

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016107.D
 Acq On : 07 May 2020 20:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:51:17 AM

Quant Time: May 08 04:38:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	291345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	473240	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	444014	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	223751	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	196204	51.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.36%	
35) Dibromofluoromethane	5.47	113	152427	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	8.70	98	596137	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
62) 4-Bromofluorobenzene	11.12	95	229924	52.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.66%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	151093	48.996	ug/l	99
3) Chloromethane	1.31	50	164494	45.931	ug/l	100
4) Vinyl Chloride	1.39	62	177134	46.359	ug/l	100
5) Bromomethane	1.62	94	86722	45.020	ug/l	99
6) Chloroethane	1.70	64	108651	46.735	ug/l	100
7) Trichlorofluoromethane	1.91	101	234021	46.652	ug/l	100
8) Diethyl Ether	2.17	74	96187	45.509	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	136457	47.150	ug/l	99
10) Methyl Iodide	2.49	142	180537	46.441	ug/l	99
11) Tert butyl alcohol	3.02	59	230297	237.549	ug/l	100
12) 1,1-Dichloroethene	2.36	96	142002	46.888	ug/l	98
13) Acrolein	2.27	56	120460	198.562	ug/l	100
14) Allyl chloride	2.71	41	262742	47.315	ug/l	97
15) Acrylonitrile	3.12	53	490413	243.845	ug/l	99
16) Acetone	2.42	43	397800	232.549	ug/l	95
17) Carbon Disulfide	2.55	76	422526	46.443	ug/l	100
18) Methyl Acetate	2.75	43	205429	48.842	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	513452	49.180	ug/l	99
20) Methylene Chloride	2.84	84	162772	46.158	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	155630	46.113	ug/l	99
22) Diisopropyl ether	3.82	45	505819	48.283	ug/l	100
23) Vinyl Acetate	3.79	43	2272999	246.617	ug/l	100
24) 1,1-Dichloroethane	3.67	63	285603	48.735	ug/l	99
25) 2-Butanone	4.64	43	674477	244.688	ug/l	100
26) 2,2-Dichloropropane	4.55	77	228646	42.722	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	178371	48.344	ug/l	98
28) Bromochloromethane	4.98	49	126303	47.265	ug/l	99
29) Tetrahydrofuran	5.09	42	443441	242.789	ug/l	100
30) Chloroform	5.18	83	283443	48.577	ug/l	99
31) Cyclohexane	5.55	56	257921	48.427	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	255145	48.106	ug/l	99
36) 1,1-Dichloropropene	5.77	75	217132	46.611	ug/l	98
37) Ethyl Acetate	4.79	43	257550	47.701	ug/l	99
38) Carbon Tetrachloride	5.76	117	225147	47.550	ug/l	99

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MMDadoda
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Quant Time: May 08 04:38:35 2020
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 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	260019	46.349	ug/l	99
40) Benzene	6.12	78	648823	47.602	ug/l	99
41) Methacrylonitrile	5.01	41	141956	48.684	ug/l	99
42) 1,2-Dichloroethane	6.17	62	229427	46.726	ug/l	100
43) Isopropyl Acetate	6.42	43	412675	47.904	ug/l	100
44) Trichloroethene	7.19	130	213956	44.185	ug/l	98
45) 1,2-Dichloropropane	7.49	63	168278	48.792	ug/l	99
46) Dibromomethane	7.64	93	111262	47.471	ug/l	99
47) Bromodichloromethane	7.88	83	232095	48.622	ug/l	99
48) Methyl methacrylate	7.75	41	196611	48.165	ug/l	98
49) 1,4-Dioxane	7.71	88	93169	951.673	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1293060	245.286	ug/l	99
52) Toluene	8.77	92	411543	48.440	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	268523	47.180	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	281224	47.306	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	163879	49.027	ug/l	98
56) Ethyl methacrylate	9.16	69	274964	50.395	ug/l	98
57) 1,3-Dichloropropane	9.35	76	282761	48.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	722117	248.600	ug/l	100
59) 2-Hexanone	9.48	43	1015816	245.370	ug/l	99
60) Dibromochloromethane	9.57	129	183500	49.845	ug/l	100
61) 1,2-Dibromoethane	9.66	107	176023	48.617	ug/l	100
64) Tetrachloroethene	9.32	164	245716	45.079	ug/l	96
65) Chlorobenzene	10.12	112	432710	46.542	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	165279	48.098	ug/l	99
67) Ethyl Benzene	10.24	91	777737	46.884	ug/l	100
68) m/p-Xylenes	10.34	106	594551	95.663	ug/l	100
69) o-Xylene	10.68	106	289091	48.390	ug/l	98
70) Styrene	10.69	104	493583	48.700	ug/l	100
71) Bromoform	10.84	173	138564	49.493	ug/l #	99
73) Isopropylbenzene	11.01	105	768830	47.242	ug/l	99
74) N-amyl acetate	10.88	43	357906	47.148	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	170803	53.032	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	239484m	47.166	ug/l	
77) Bromobenzene	11.24	156	193899	46.159	ug/l	99
78) n-propylbenzene	11.35	91	886767	46.838	ug/l	100
79) 2-Chlorotoluene	11.41	91	523652	46.857	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	644691	46.918	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	99051	46.489	ug/l	99
82) 4-Chlorotoluene	11.49	91	616621	46.725	ug/l	100
83) tert-Butylbenzene	11.76	119	566398	47.830	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	659755	47.492	ug/l	98
85) sec-Butylbenzene	11.93	105	743101	46.477	ug/l	99
86) p-Isopropyltoluene	12.05	119	697236	46.969	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	339368	44.994	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	346286	45.234	ug/l	99
89) n-Butylbenzene	12.37	91	620906	45.785	ug/l	100
90) Hexachloroethane	12.58	117	123361	48.388	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	333930	45.979	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	62008	46.337	ug/l	99

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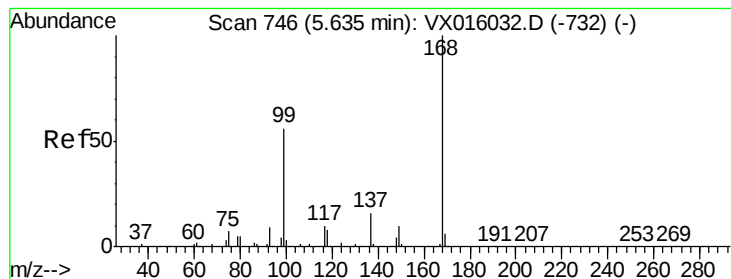
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	246658	45.873	ug/l	98
94) Hexachlorobutadiene	13.77	225	107447	46.444	ug/l	99
95) Naphthalene	13.82	128	827323	47.518	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	243665	46.368	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 291345

Ion Ratio Lower Upper

168 100

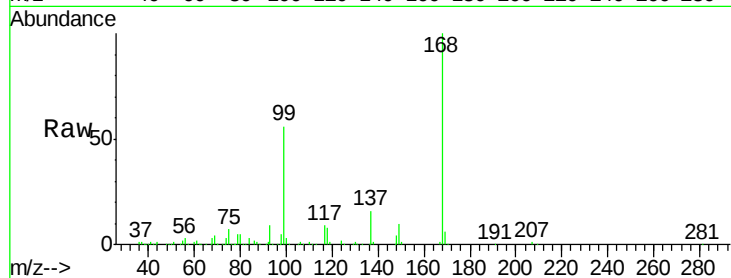
99 55.7 45.0 67.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

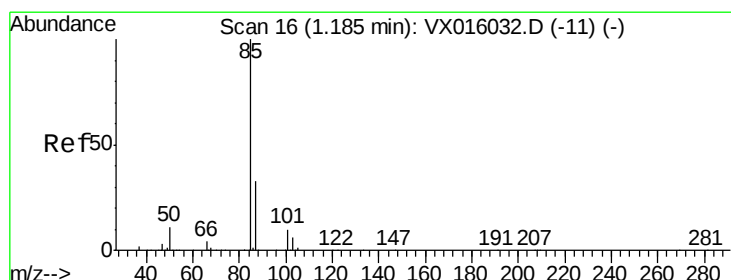
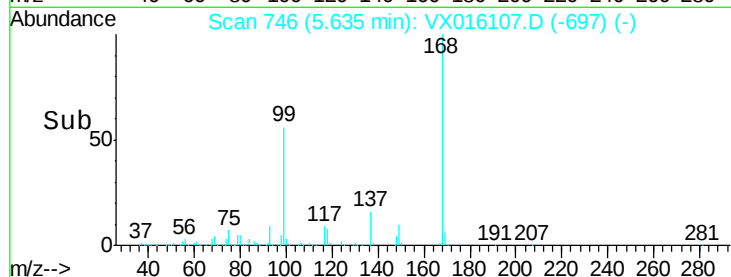
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.996 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016107.D

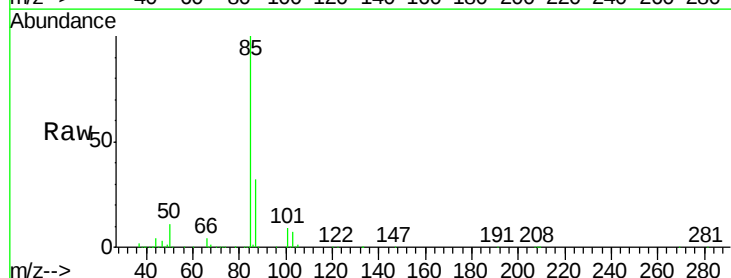
Acq: 07 May 2020 20:13

Tgt Ion: 85 Resp: 151093

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

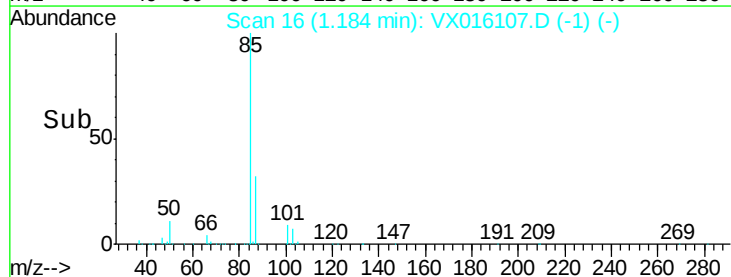
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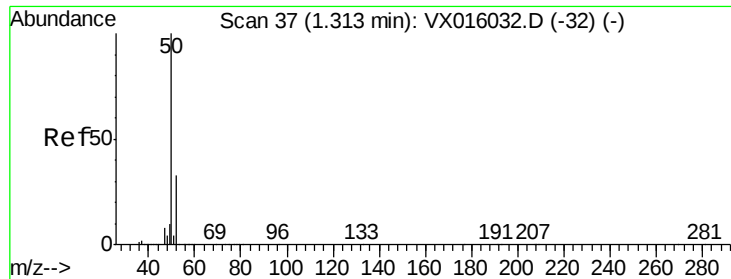
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50000

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Time-->





#3

Chloromethane

Concen: 45.931 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 164494

Ion Ratio Lower Upper

50 100

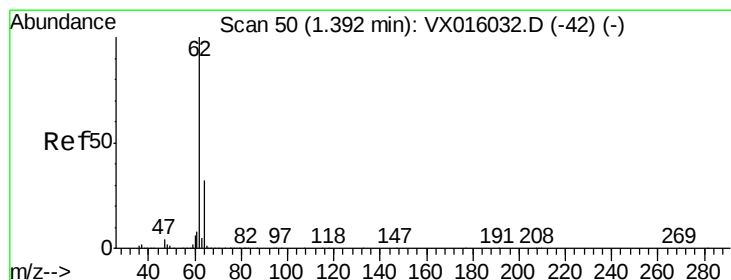
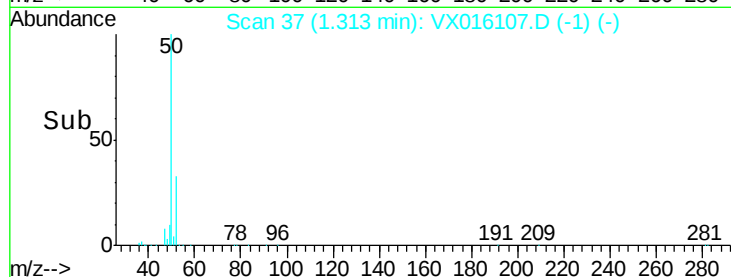
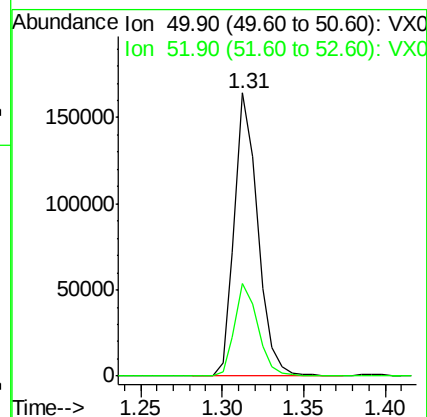
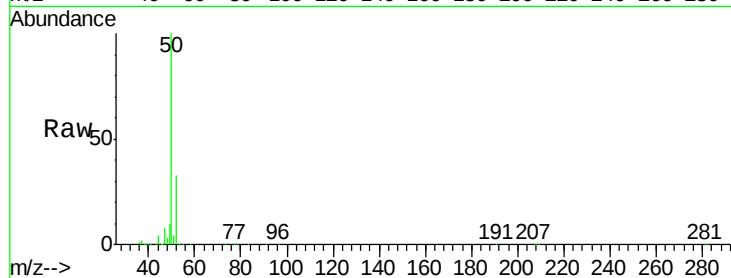
52 32.5 26.1 39.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.359 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016107.D

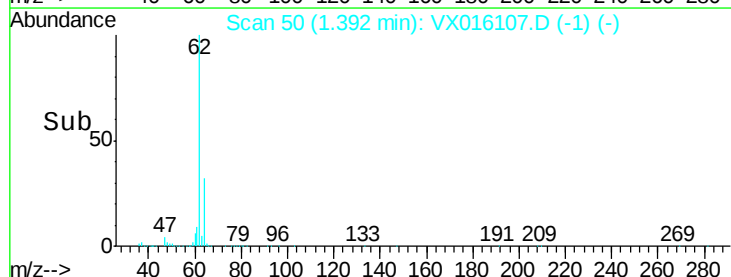
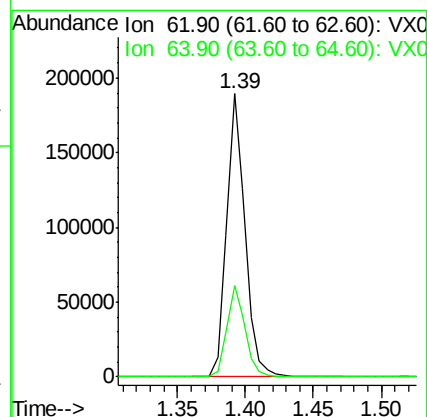
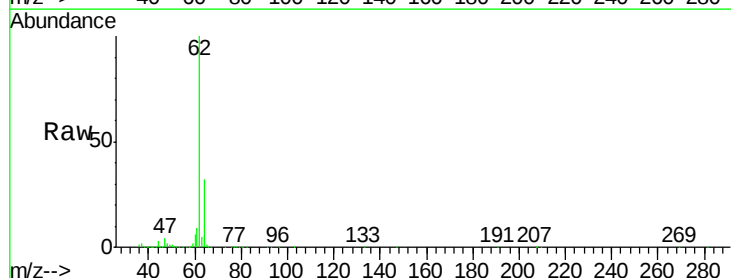
Acq: 07 May 2020 20:13

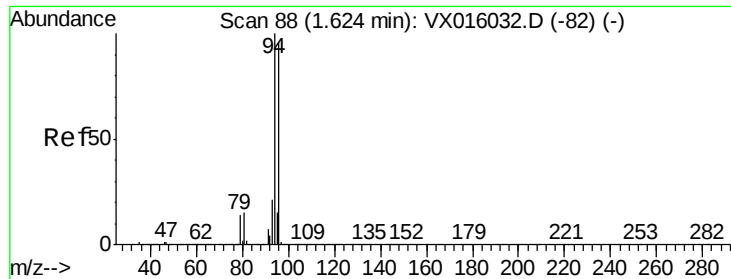
Tgt Ion: 62 Resp: 177134

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 45.020 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 86722

Ion Ratio Lower Upper

94 100

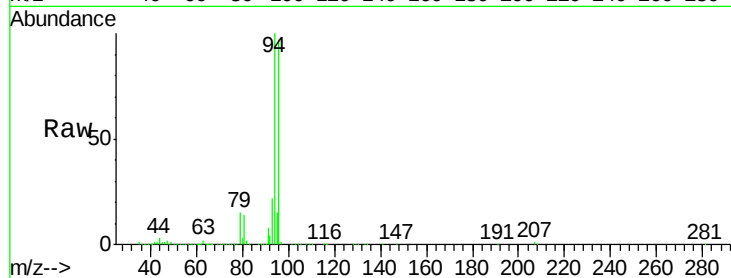
96 97.4 76.9 115.3

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

100000

80000

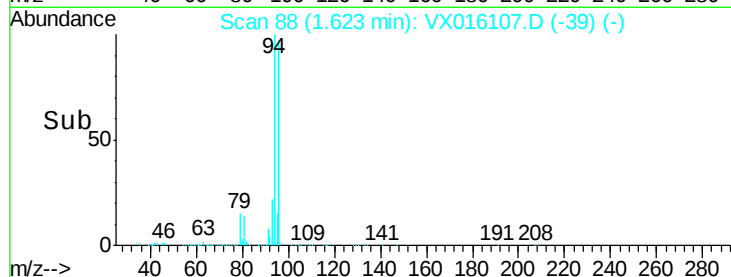
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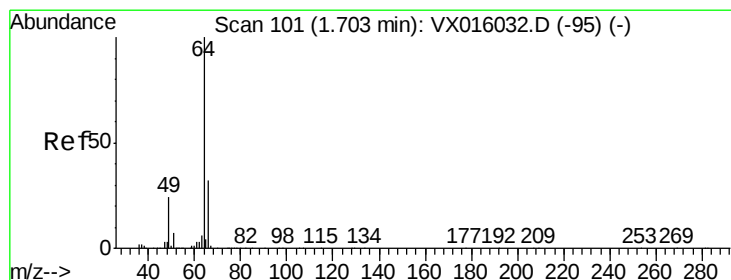
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Time-->



Time-->



#6

Chloroethane

Concen: 46.735 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016107.D

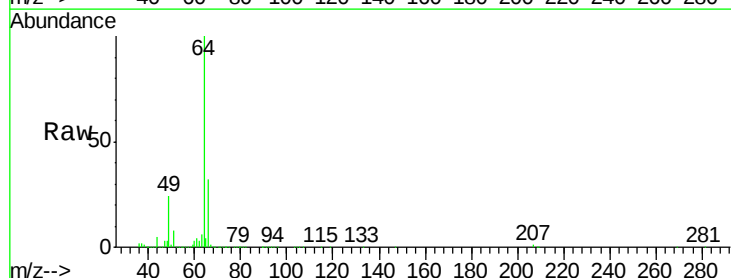
Acq: 07 May 2020 20:13

Tgt Ion: 64 Resp: 108651

Ion Ratio Lower Upper

64 100

66 31.7 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

100000

80000

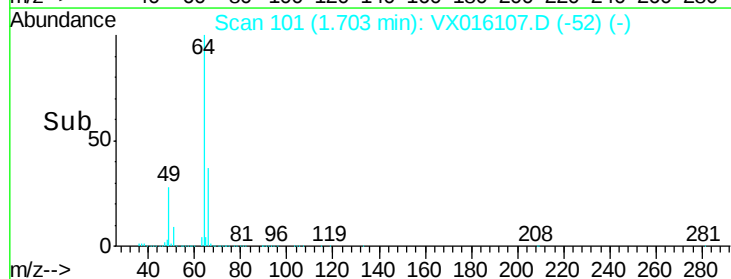
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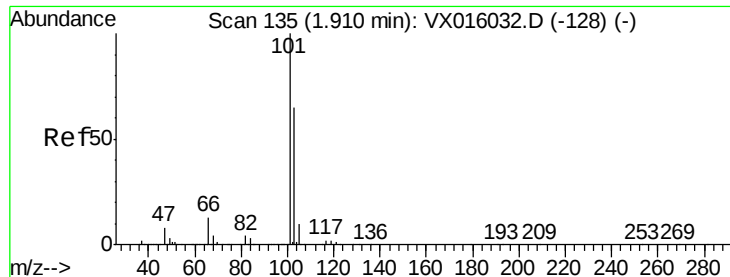
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Time-->



Time-->



#7

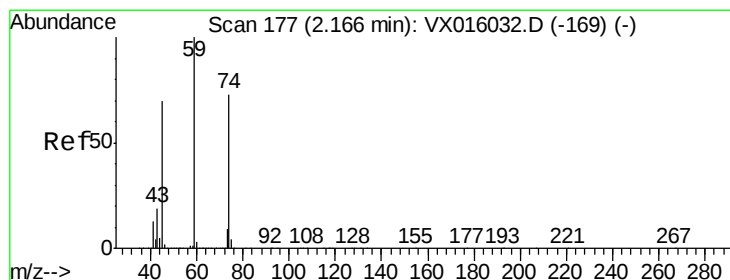
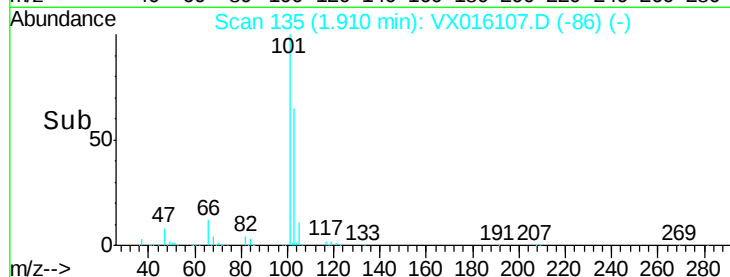
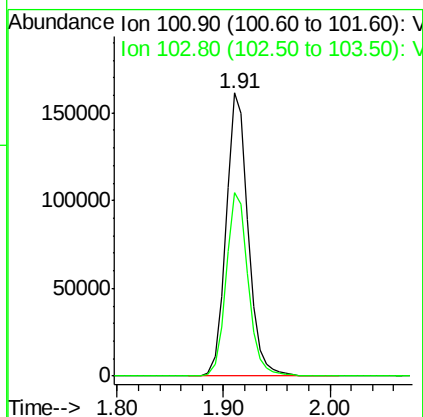
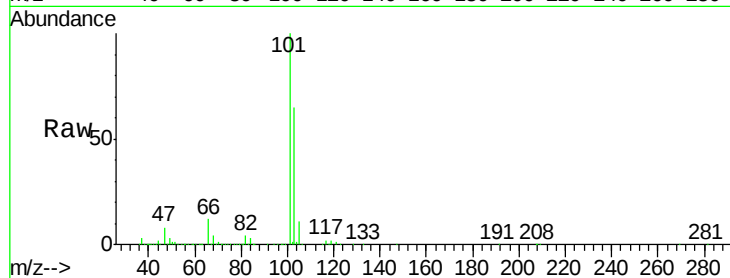
Trichlorofluoromethane
Concen: 46.652 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

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Tot Ion	Ratio	Resp	Lower	Upper
101	100	234021		
103	64.6	51.8	77.6	

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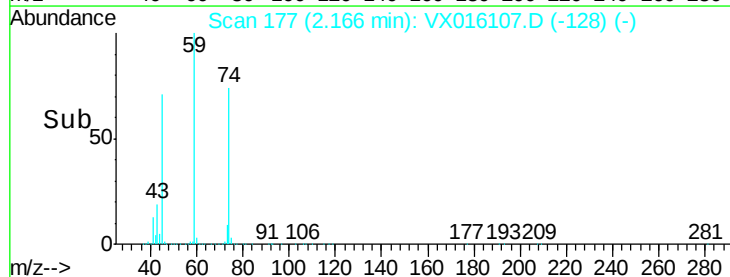
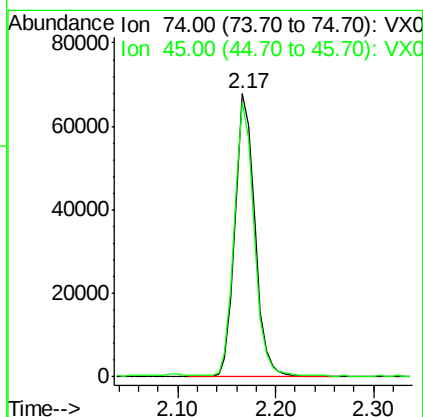
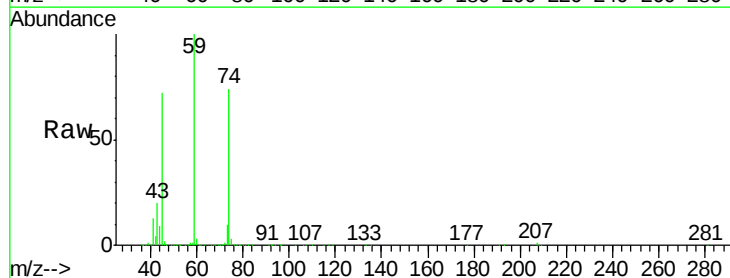
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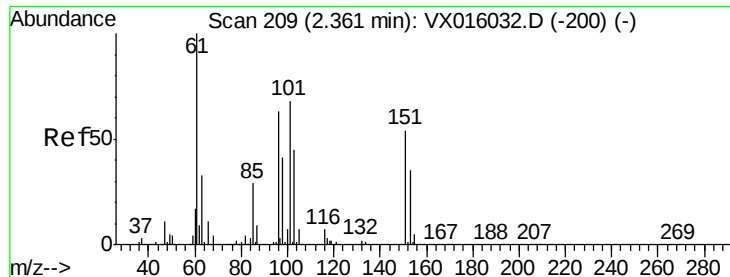


#8

Diethyl Ether
Concen: 45.509 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	96187		
45	96.9	47.3	142.0	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.150 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

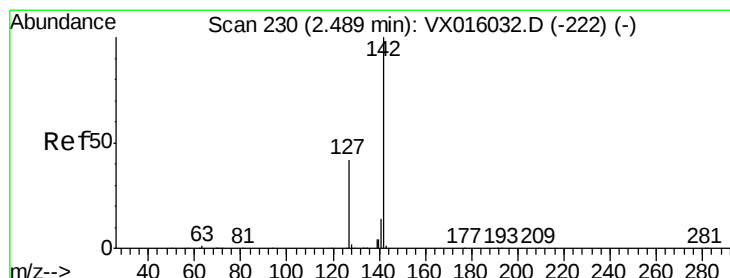
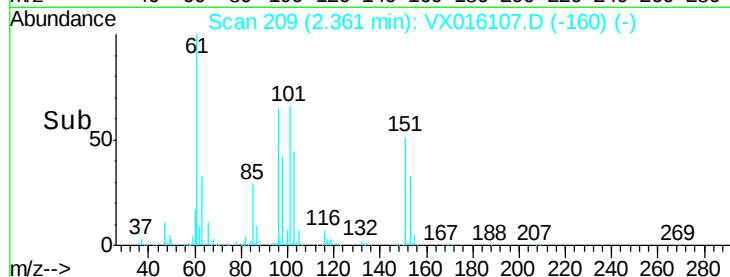
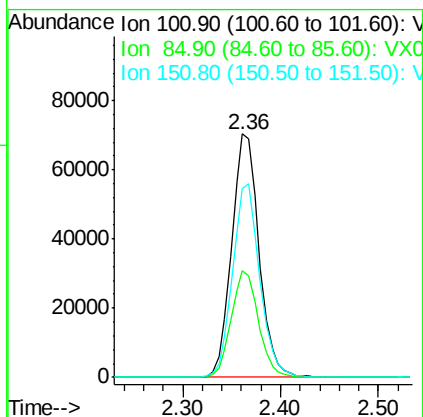
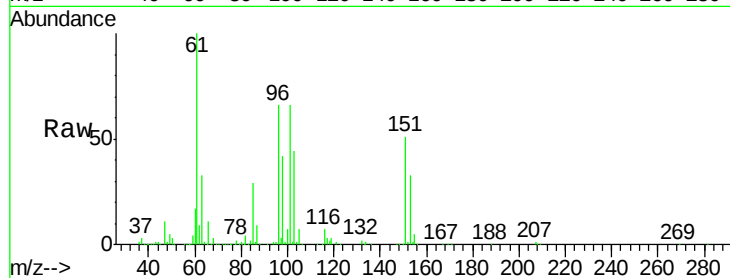
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	136457
Ion Ratio	Lower	Upper	
101	100		
85	43.6	34.2	51.4
151	78.8	62.1	93.1

Manual Integrations
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5/8/2020 11:51:17 AM



#10

Methyl Iodide

Concen: 46.441 ug/l

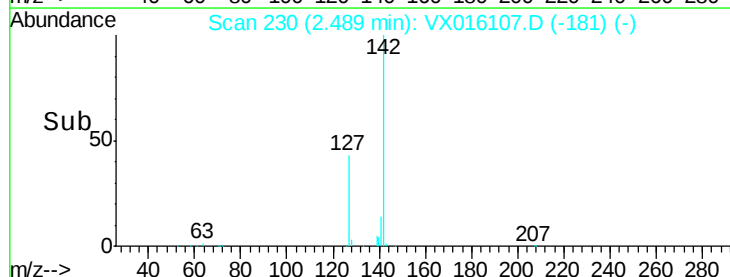
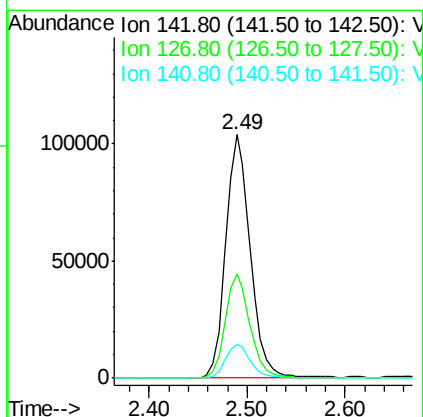
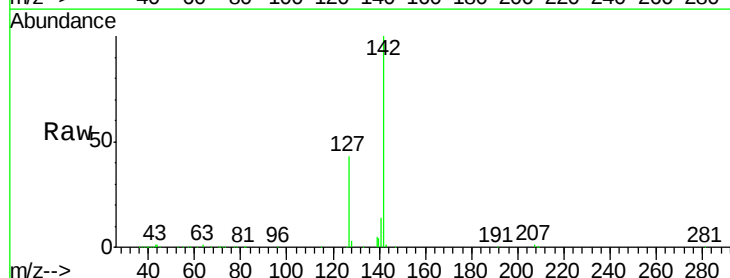
RT: 2.49 min Scan# 230

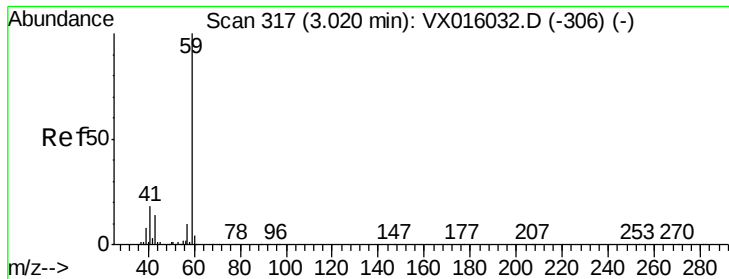
Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion:	142	Resp:	180537
Ion Ratio	Lower	Upper	
142	100		
127	42.9	34.6	52.0
141	14.2	11.3	16.9





#11

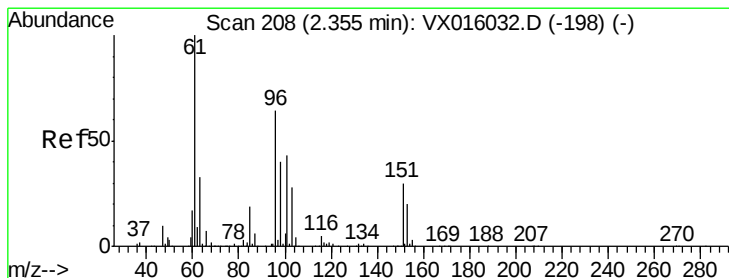
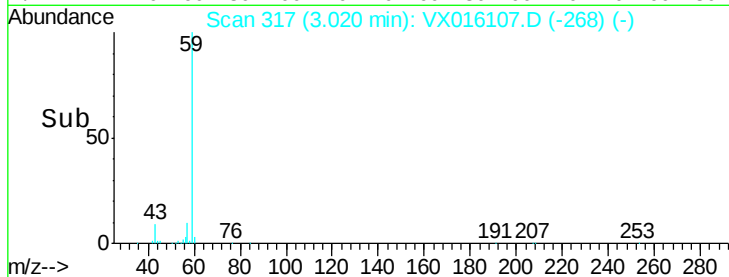
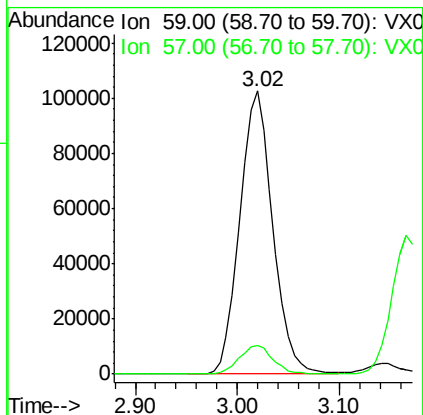
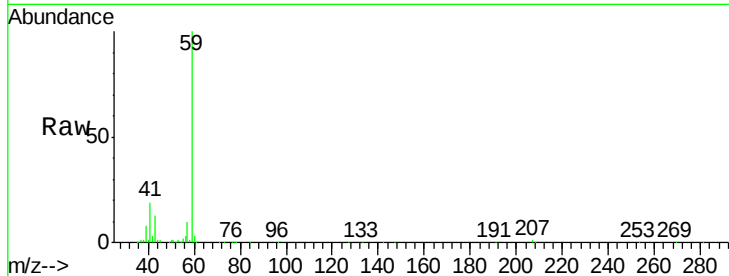
Tert butyl alcohol
Concen: 237.549 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.4

Manual Integrations
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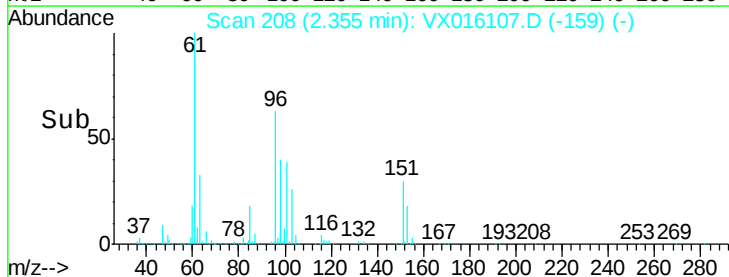
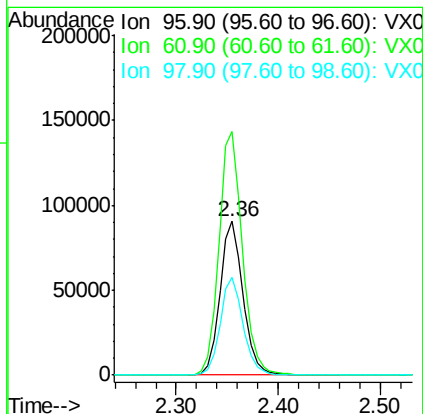
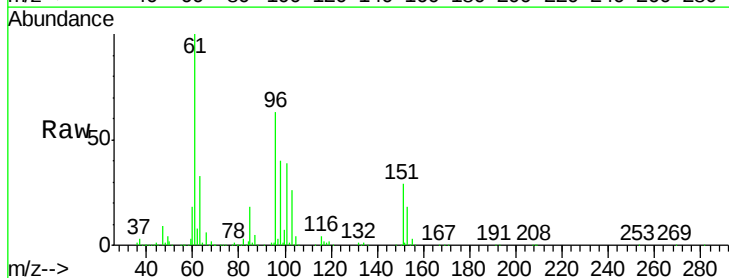
MMDadoda
5/8/2020 11:51:17 AM

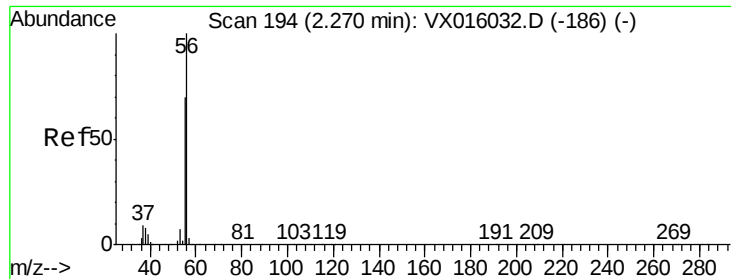


#12

1,1-Dichloroethene
Concen: 46.888 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Lower	Upper
96	100		
61	158.8	124.8	187.2
98	63.8	49.7	74.5





#13

Acrolein

Concen: 198.562 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 120460

Ion Ratio Lower Upper

56 100

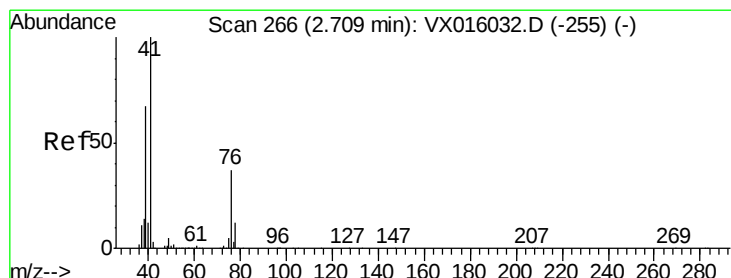
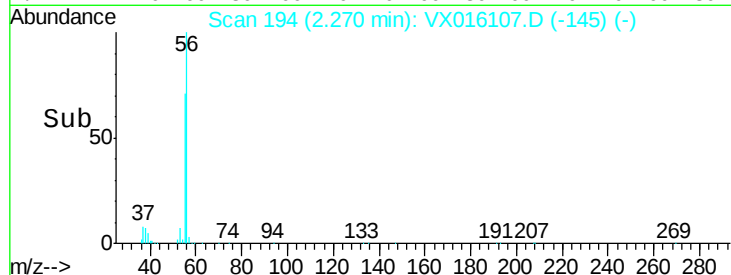
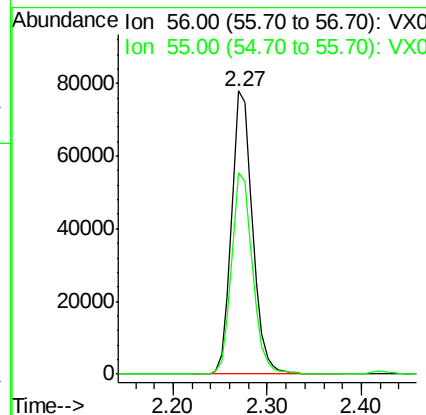
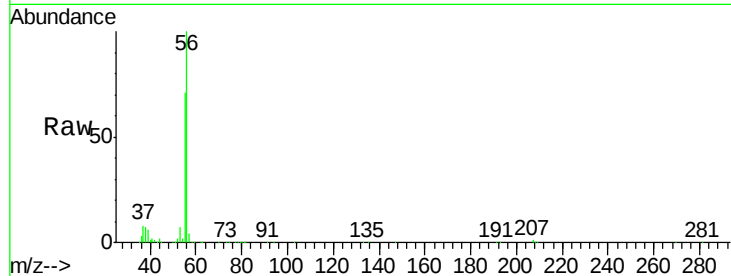
55 70.7 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 47.315 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

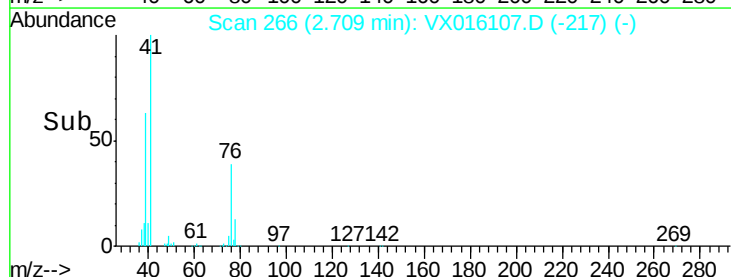
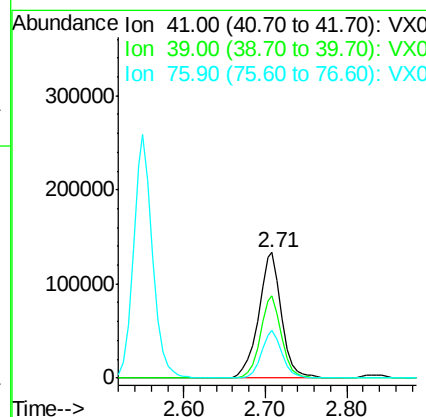
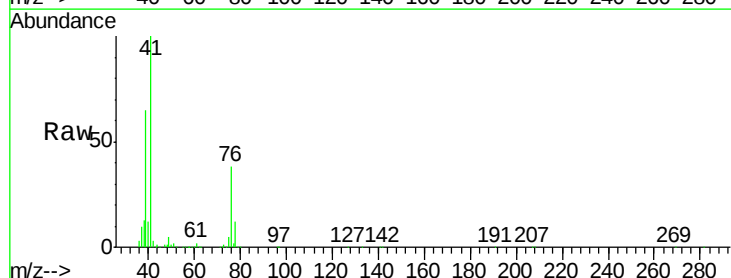
Tgt Ion: 41 Resp: 262742

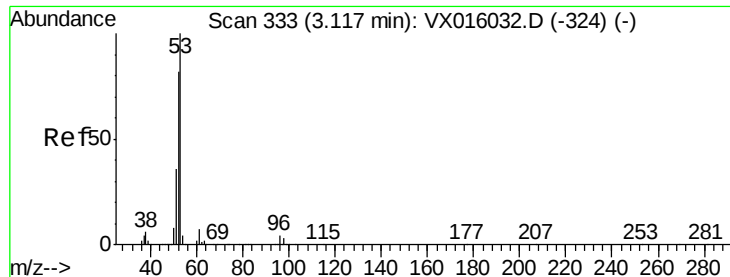
Ion Ratio Lower Upper

41 100

39 60.4 50.5 75.7

76 33.8 26.6 40.0





#15

Acrylonitrile

Concen: 243.845 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

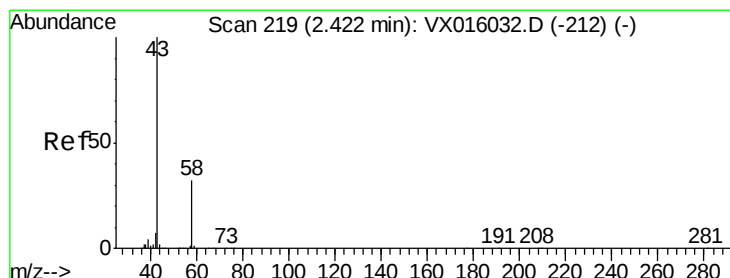
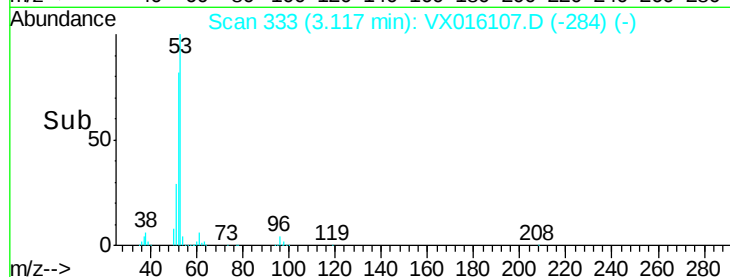
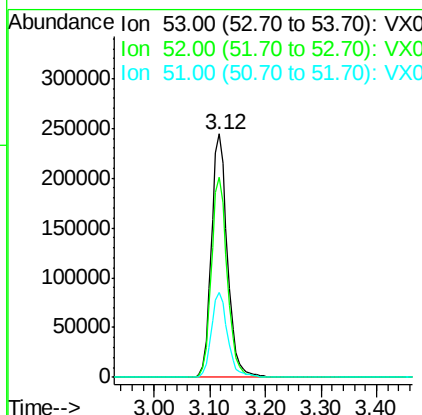
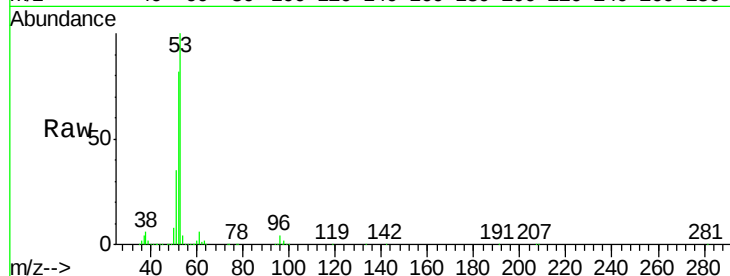
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	490413
Ion	Ratio	Lower	Upper
53	100		
52	81.5	66.1	99.1
51	35.4	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 232.549 ug/l

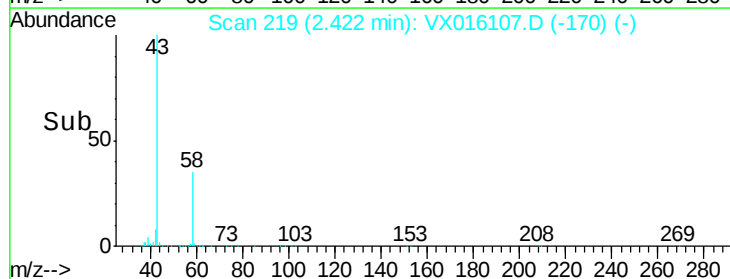
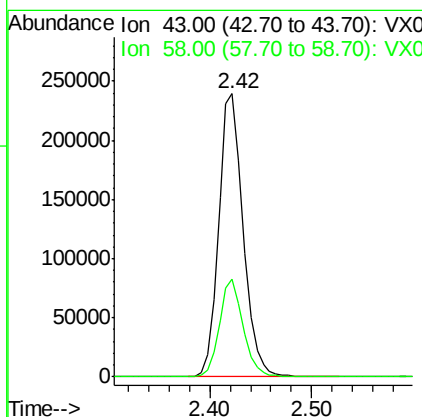
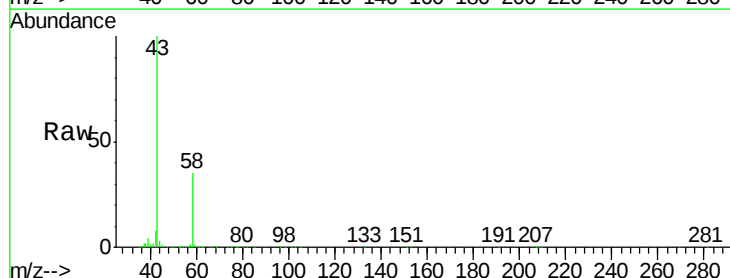
RT: 2.42 min Scan# 219

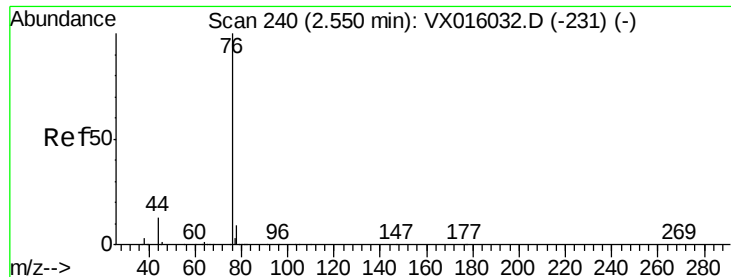
Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion:	43	Resp:	397800
Ion	Ratio	Lower	Upper
43	100		
58	34.6	25.4	38.0





#17

Carbon Disulfide

Concen: 46.443 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 422526

Ion Ratio Lower Upper

76 100

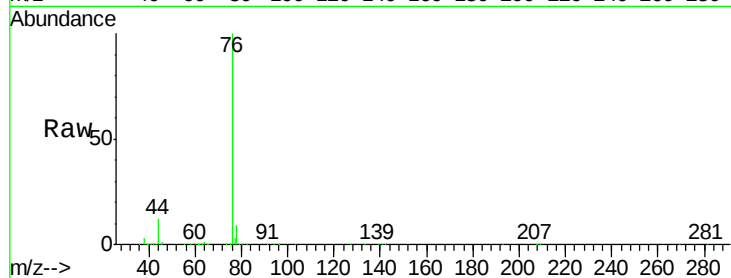
78 9.3 7.5 11.3

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

250000

200000

150000

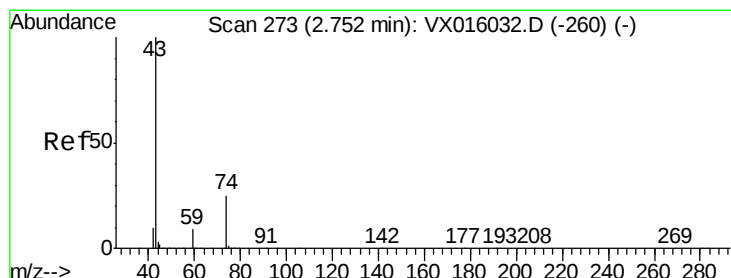
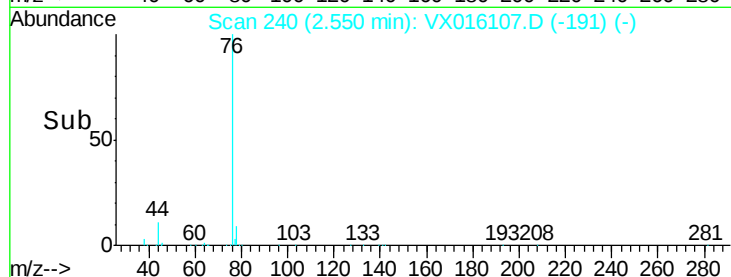
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 48.842 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX016107.D

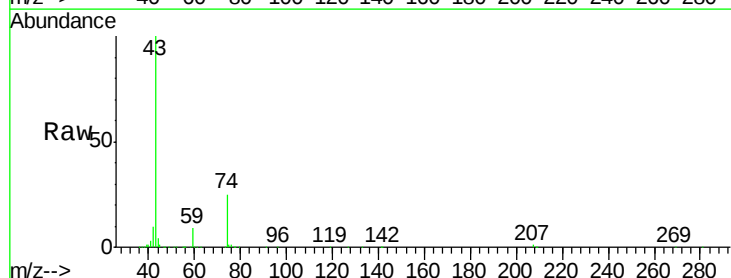
Acq: 07 May 2020 20:13

Tgt Ion: 43 Resp: 205429

Ion Ratio Lower Upper

43 100

74 25.0 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

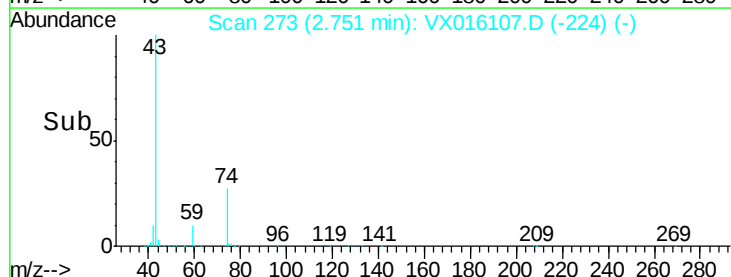
100000

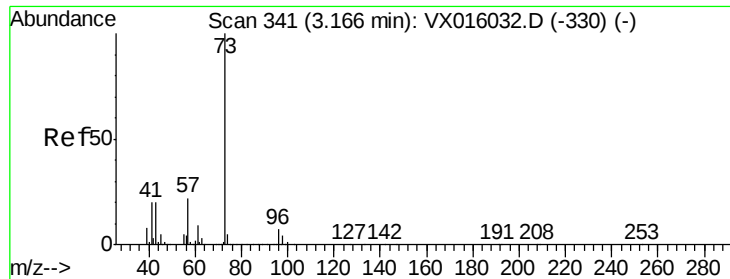
50000

0

2.70 2.80

Time-->





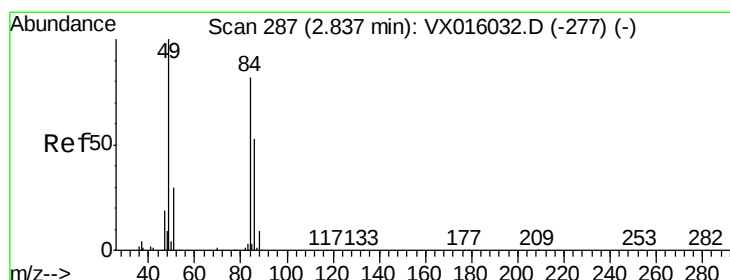
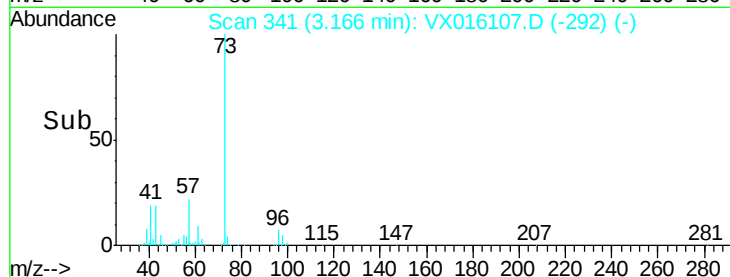
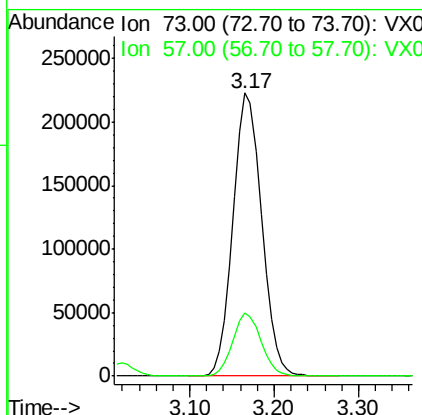
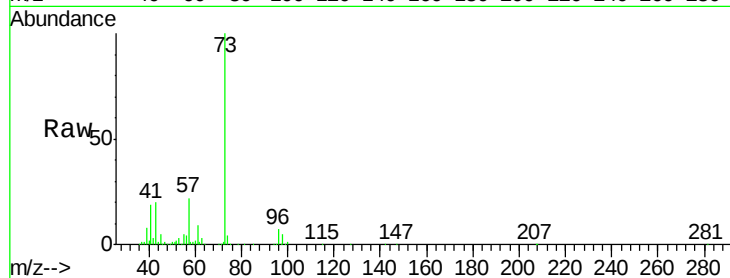
#19
Methvl tert-butvl Ether
Concen: 49.180 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.5	17.8	26.6

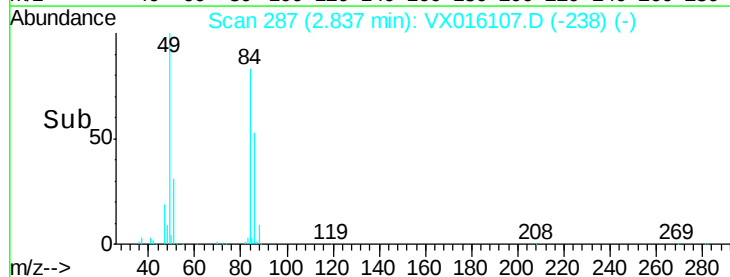
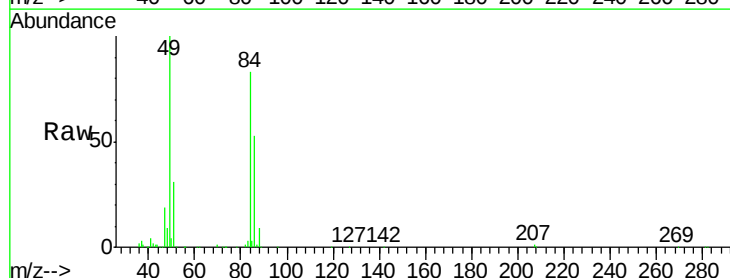
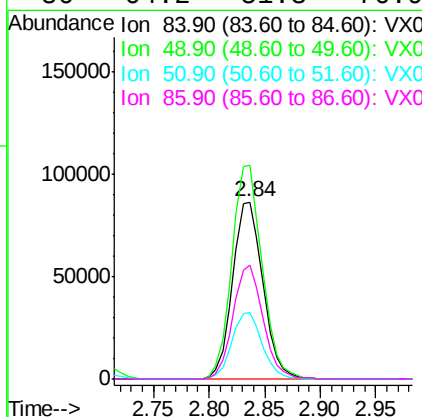
Manual Integrations
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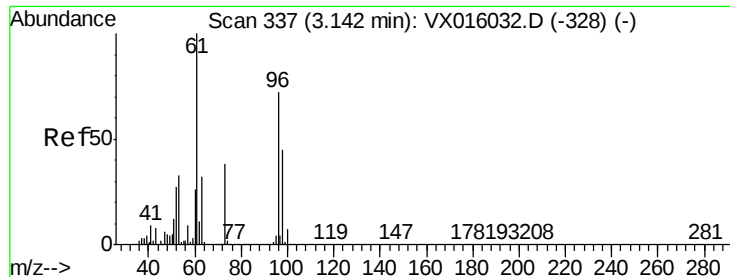
MMDadoda
5/8/2020 11:51:17 AM



#20
Methylene Chloride
Concen: 46.158 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.6	97.3	145.9
51	37.6	29.3	43.9
86	64.2	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 46.113 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

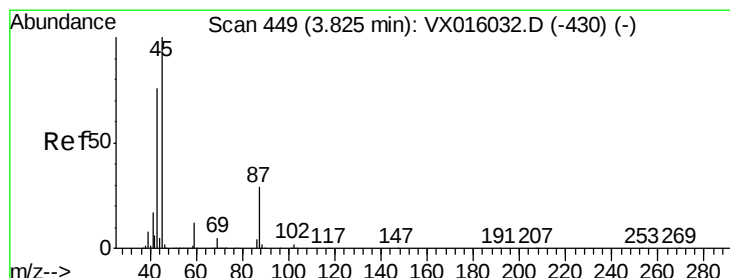
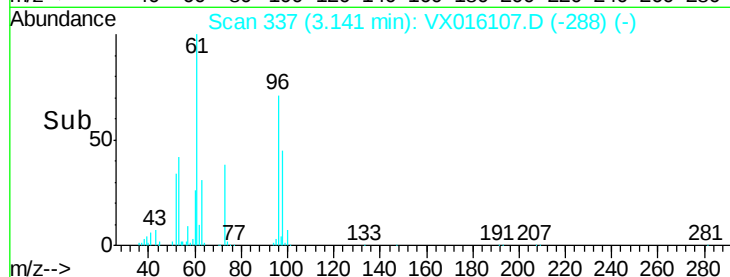
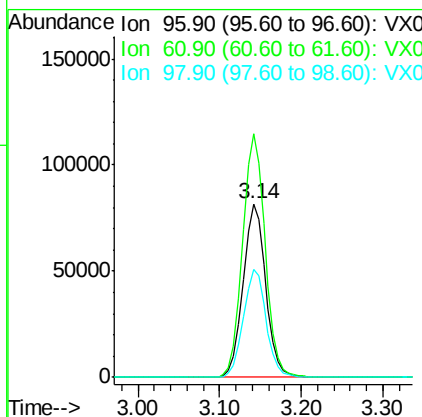
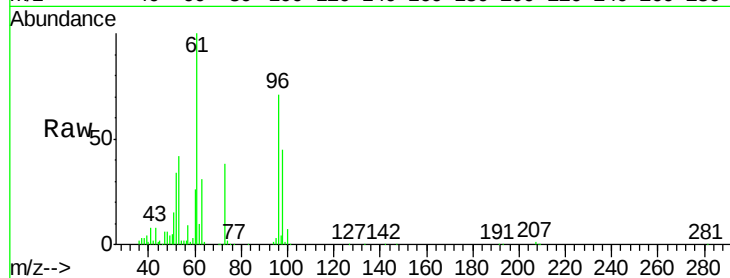
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	155630
Ion	Ratio	Lower	Upper
96	100		
61	140.2	111.2	166.8
98	62.6	50.2	75.4

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#22

Diisopropyl ether

Concen: 48.283 ug/l

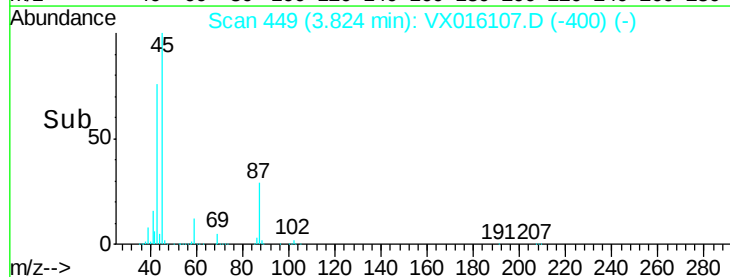
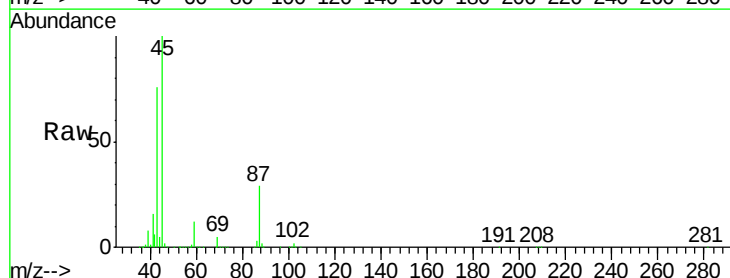
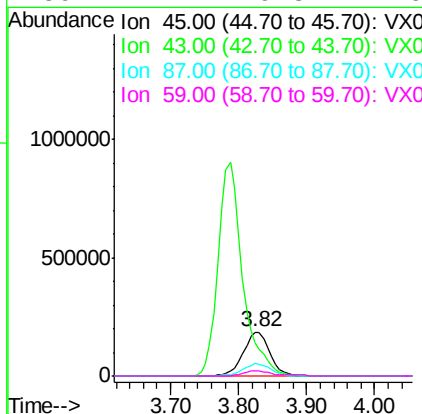
RT: 3.82 min Scan# 449

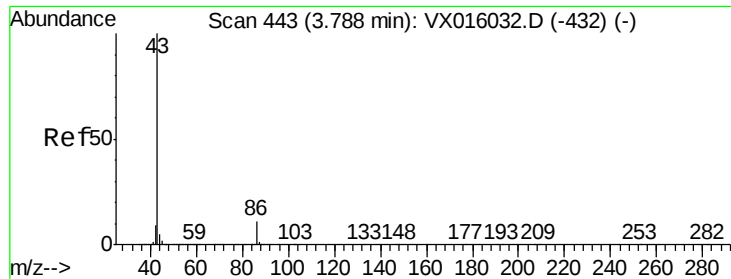
Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion:	45	Resp:	505819
Ion	Ratio	Lower	Upper
45	100		
43	76.1	61.1	91.7
87	28.9	23.0	34.6
59	12.1	9.8	14.6





#23

Vinyl Acetate

Concen: 246.617 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2272999

Ion Ratio Lower Upper

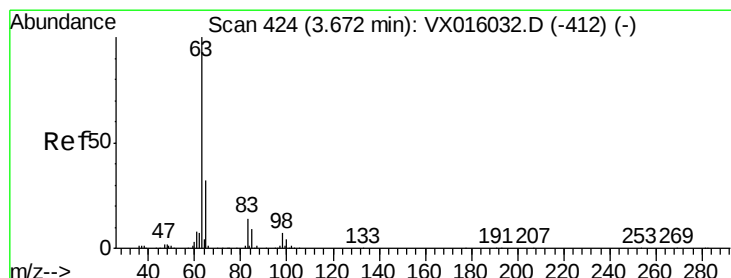
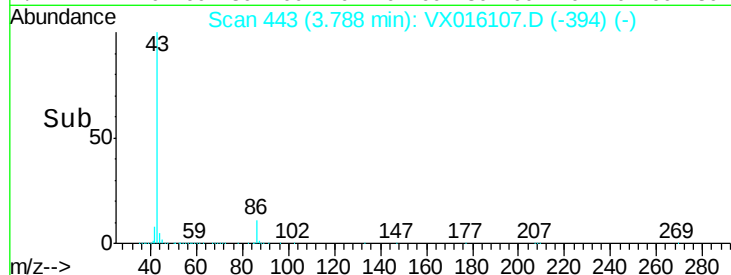
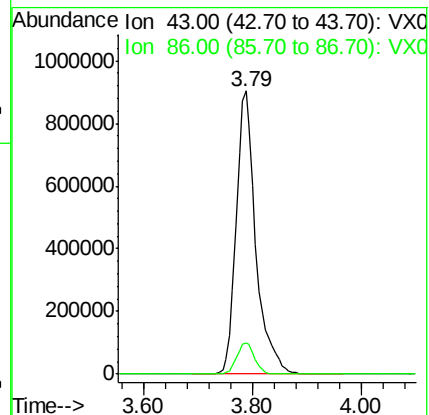
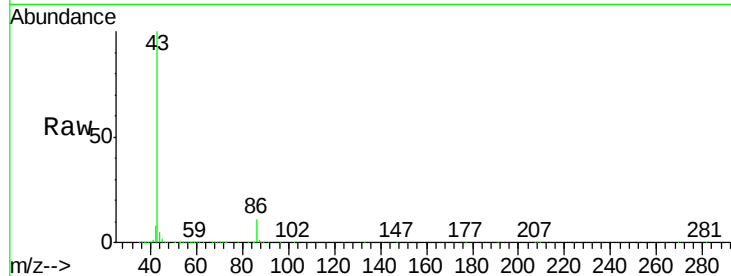
43 100

86 11.0 9.0 13.4

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#24

1,1-Dichloroethane

Concen: 48.735 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

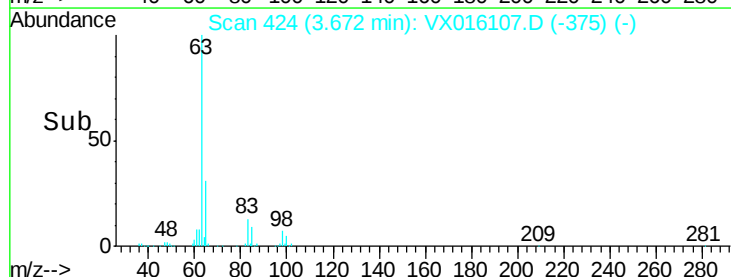
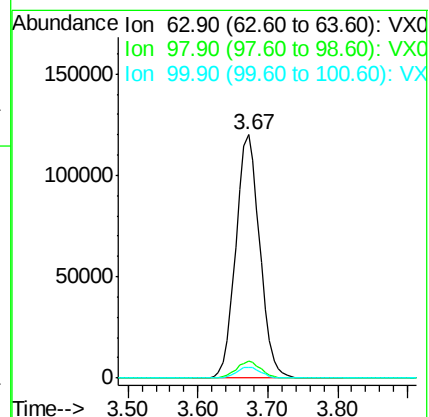
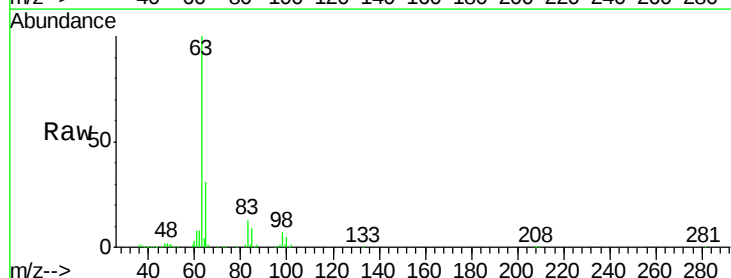
Tgt Ion: 63 Resp: 285603

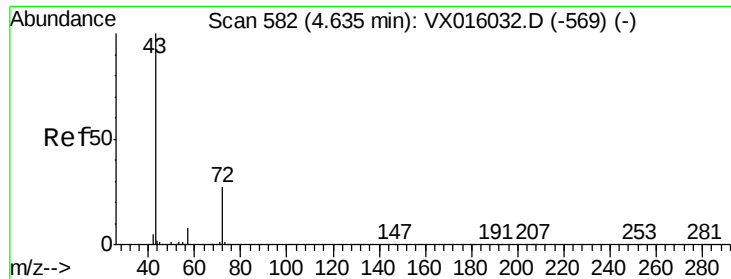
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.6 2.1 6.5





#25

2-Butanone

Concen: 244.688 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 674477

Ion Ratio Lower Upper

43 100

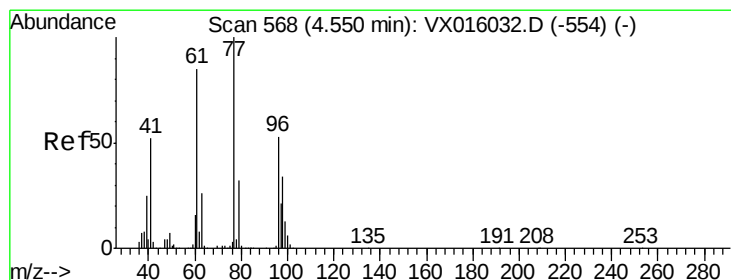
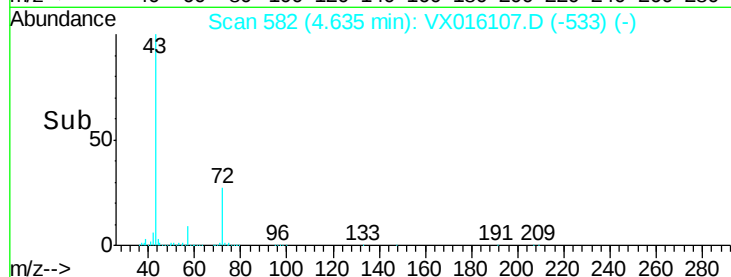
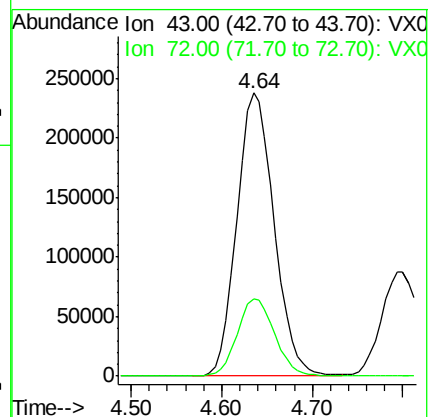
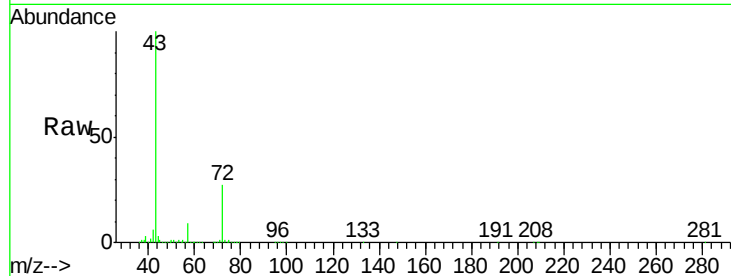
72 27.3 21.8 32.8

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 42.722 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016107.D

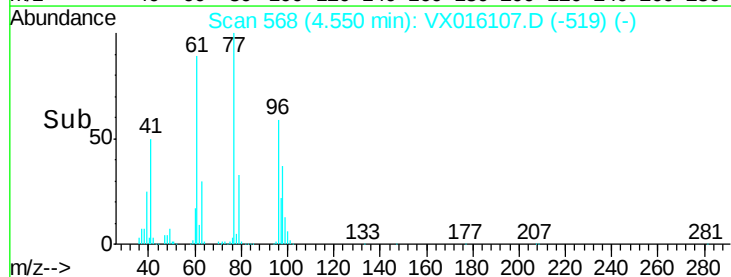
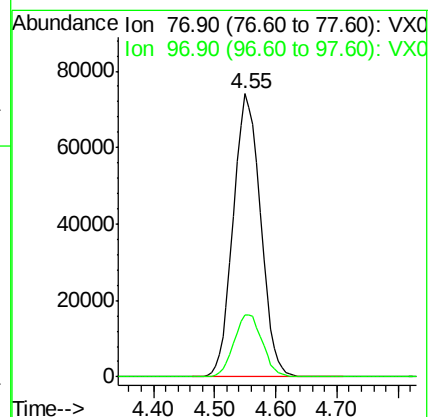
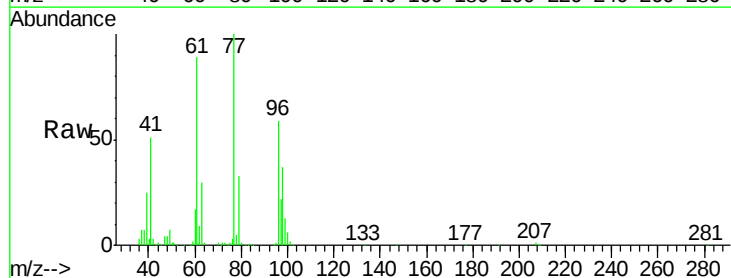
Acq: 07 May 2020 20:13

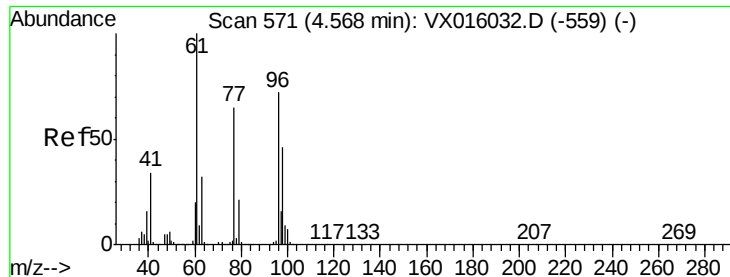
Tgt Ion: 77 Resp: 228646

Ion Ratio Lower Upper

77 100

97 22.7 11.2 33.6





#27

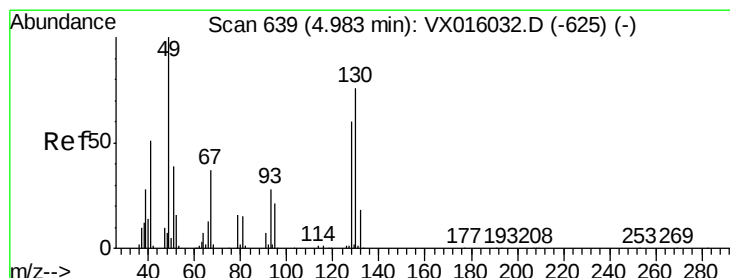
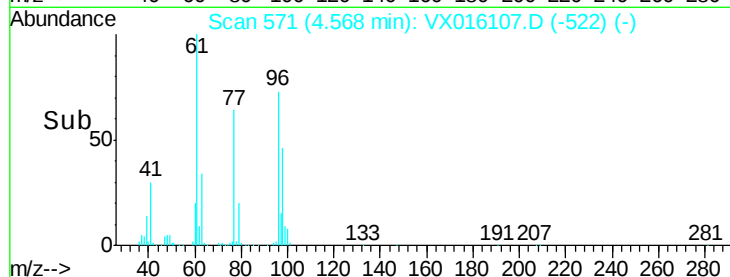
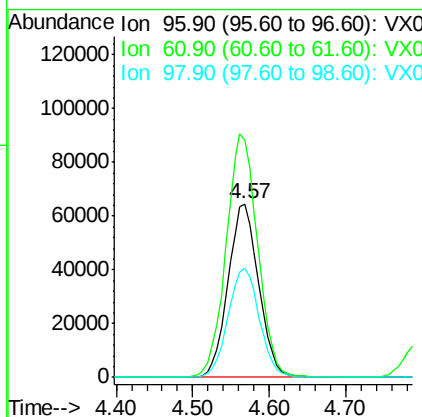
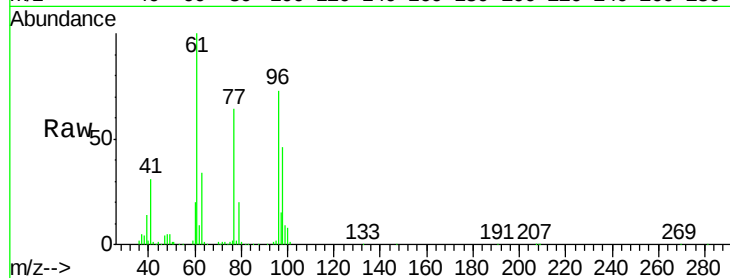
cis-1,2-Dichloroethene
Concen: 48.344 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	178371		
61	144.8	0.0	296.2	
98	64.4	0.0	129.4	

Manual Integrations
APPROVED

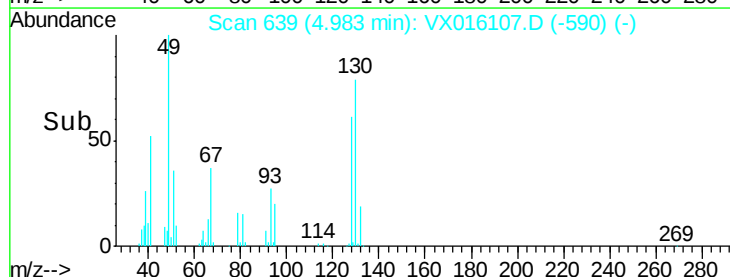
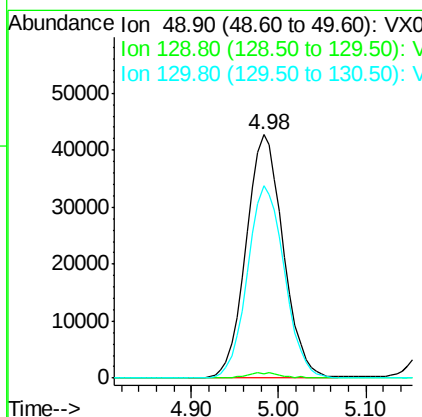
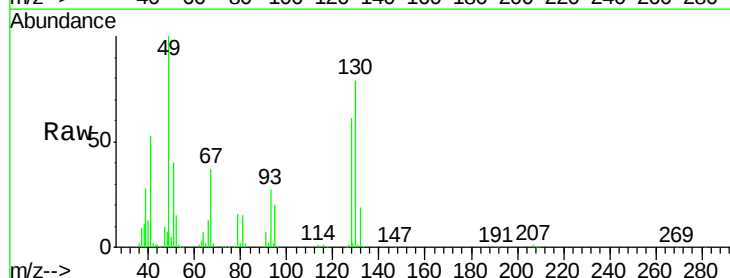
MMDadoda
5/8/2020 11:51:17 AM

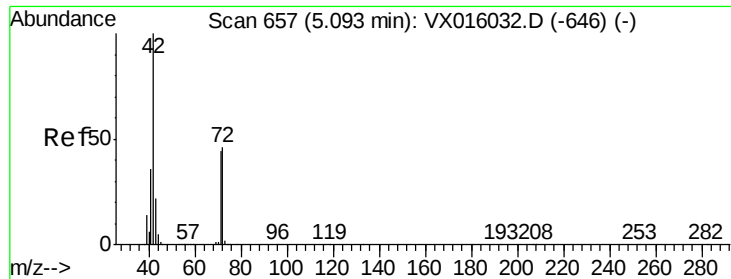


#28

Bromochloromethane
Concen: 47.265 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	126303		
129	2.1	0.0	4.0	
130	78.9	62.4	93.6	





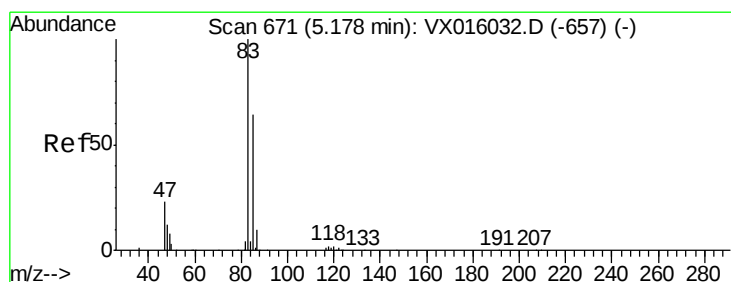
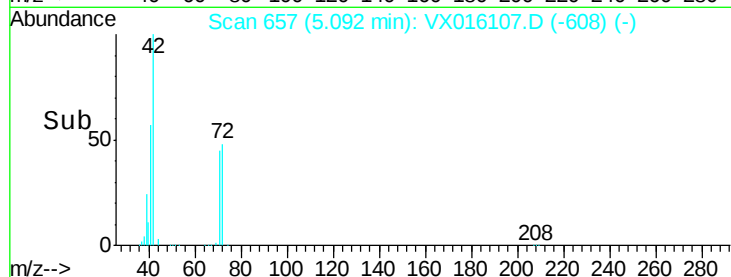
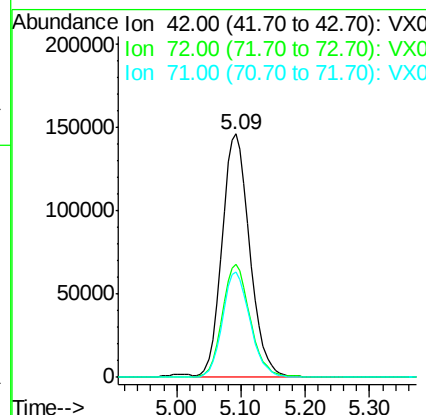
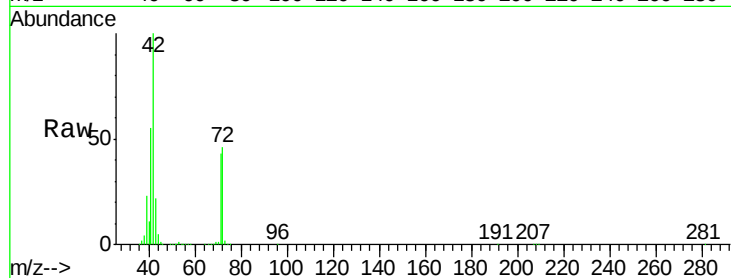
#29
Tetrahydrofuran
Concen: 242.789 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.7	37.1	55.7
71	43.1	34.5	51.7

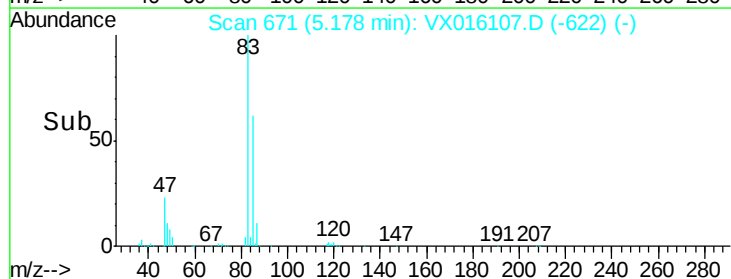
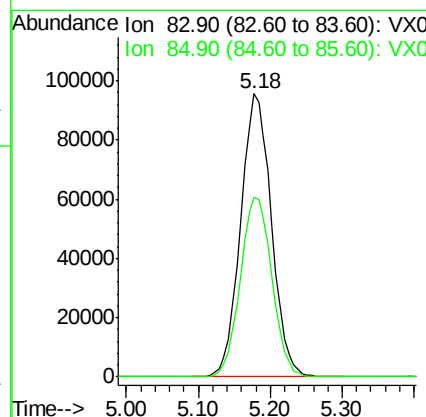
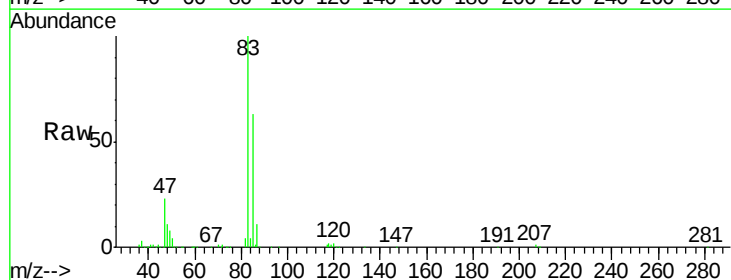
Manual Integrations
APPROVED

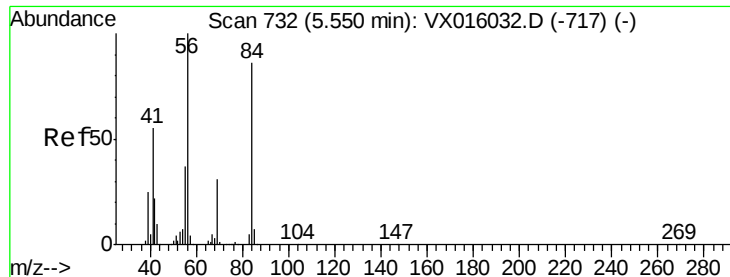
MMDadoda
5/8/2020 11:51:17 AM



#30
Chloroform
Concen: 48.577 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	51.6	77.4





#31

Cyclohexane

Concen: 48.427 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

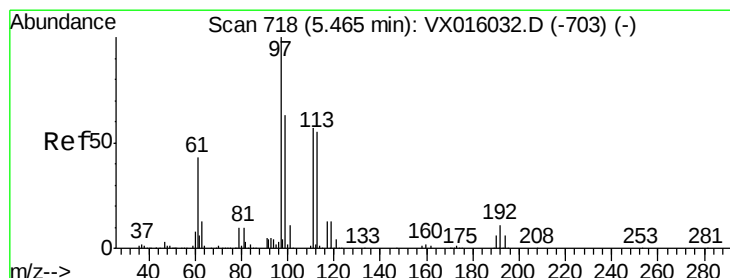
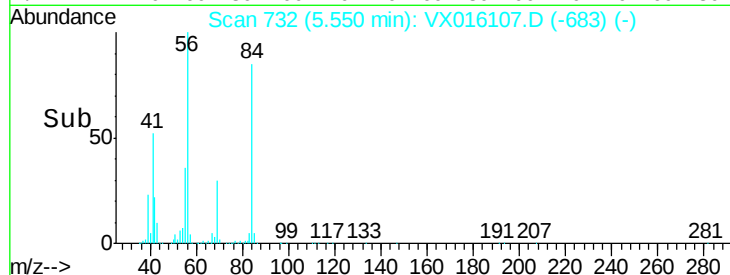
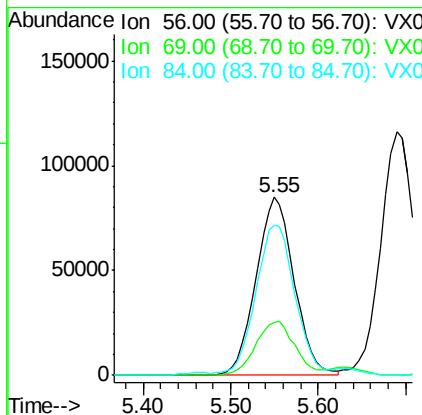
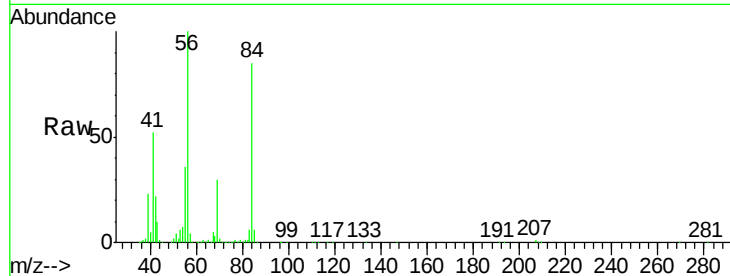
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	257921
Ion Ratio	Lower	Upper	
56	100		
69	29.9	25.0	37.6
84	83.6	69.0	103.6

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.106 ug/l

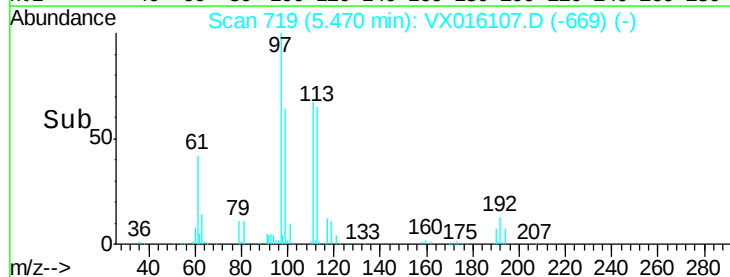
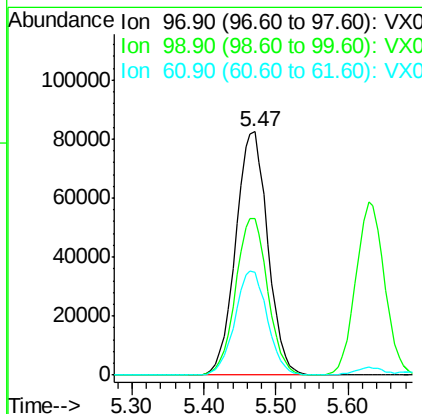
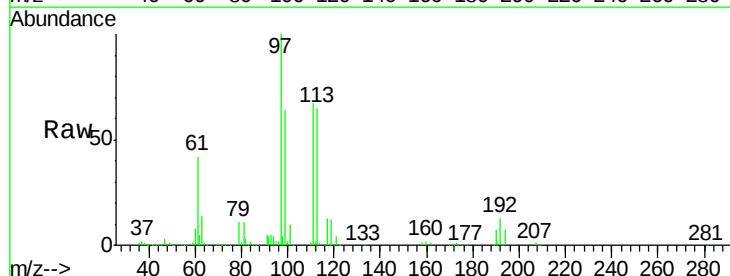
RT: 5.47 min Scan# 719

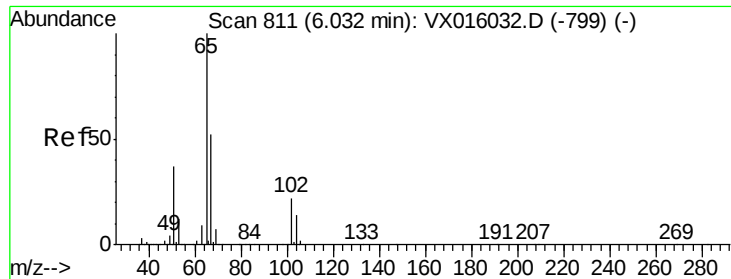
Delta R.T. 0.01 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion:	97	Resp:	255145
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.0	76.4
61	43.4	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 51.177 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 196204

Ion Ratio Lower Upper

65 100

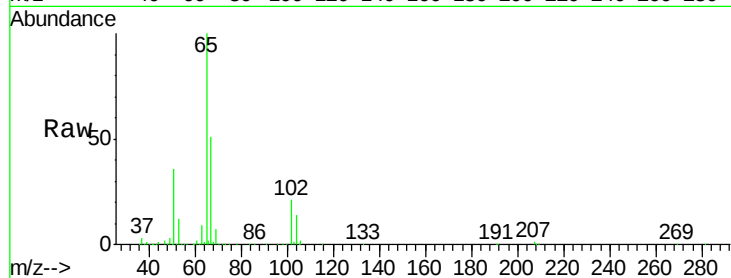
67 52.6 0.0 104.8

Manual Integrations

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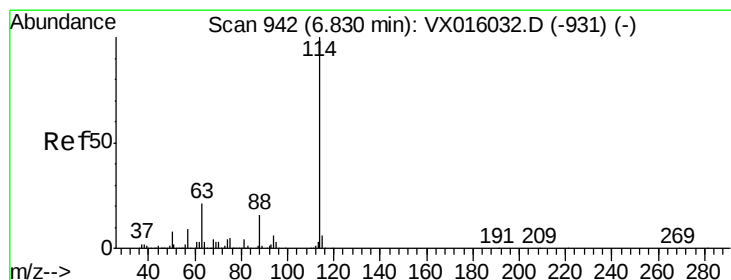
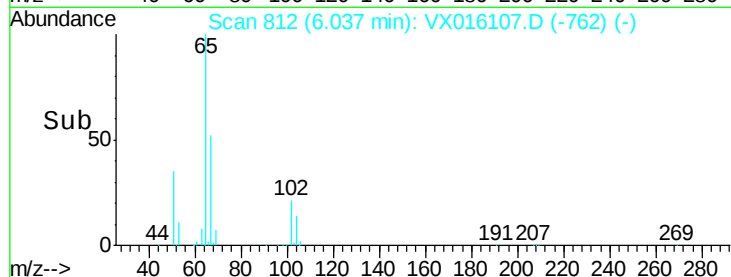
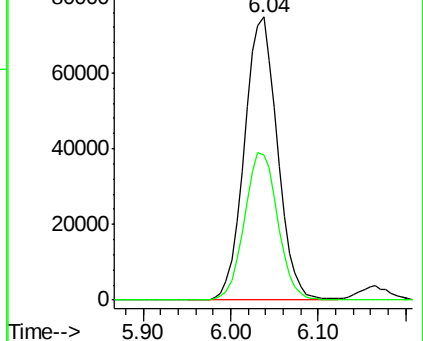
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

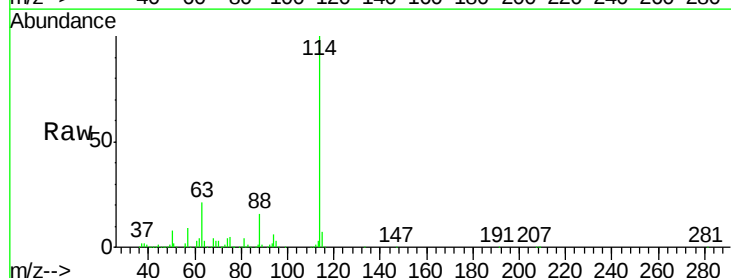
Tgt Ion: 114 Resp: 473240

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

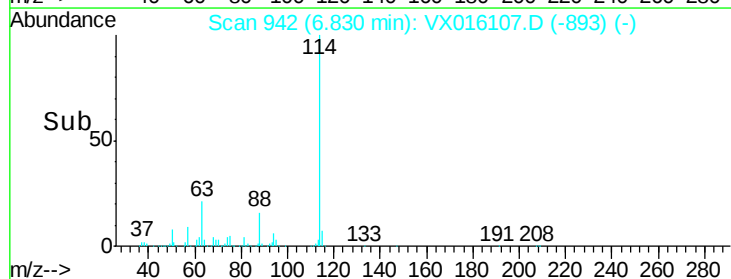
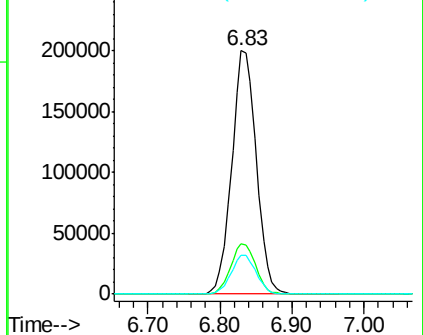
88 15.8 0.0 31.4

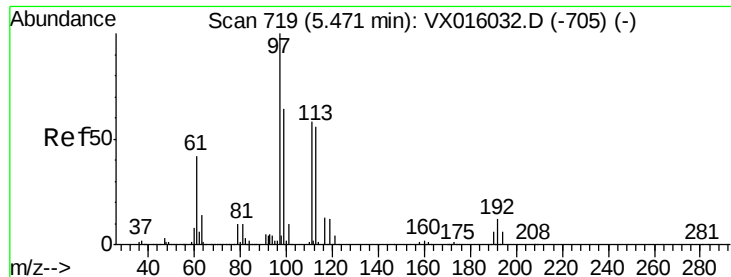


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





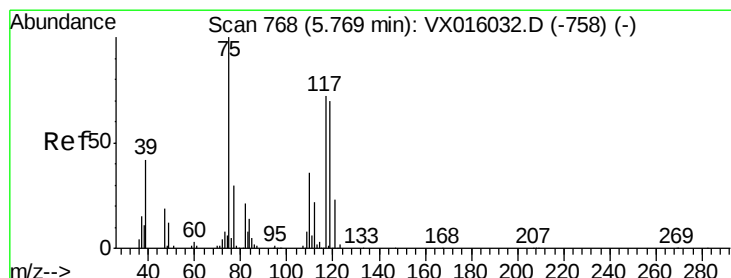
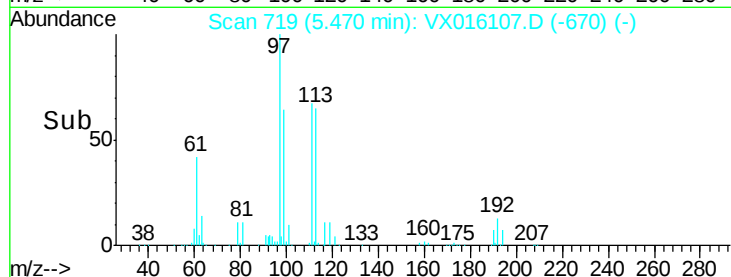
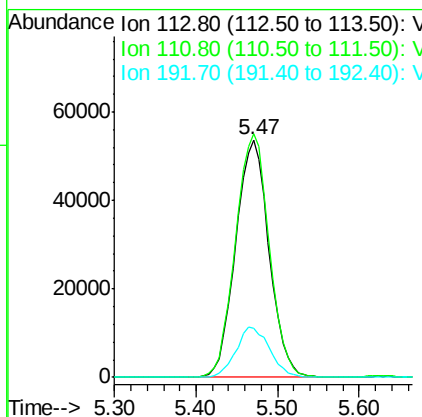
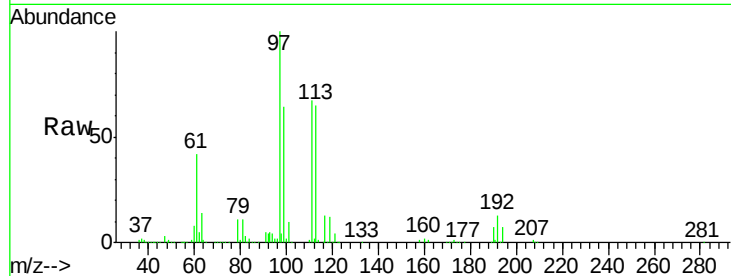
#35
Dibromofluoromethane
Concen: 50.840 ug/l
RT: 5.47 min Scan# 719
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	152427		
111	103.8	81.6	122.4	
192	21.5	17.0	25.4	

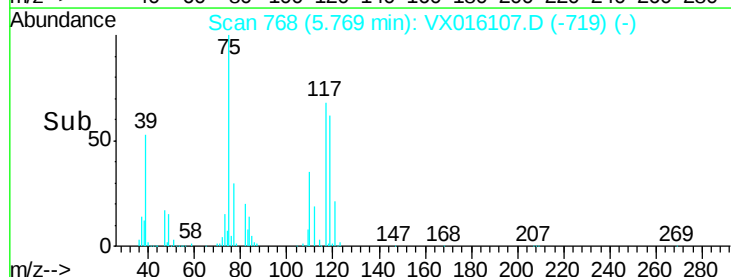
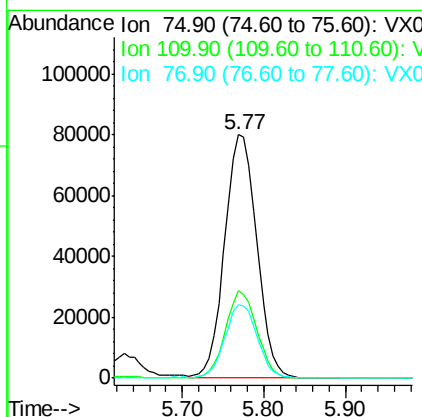
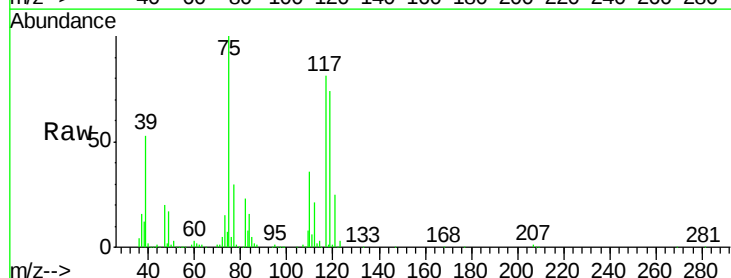
Manual Integrations
APPROVED

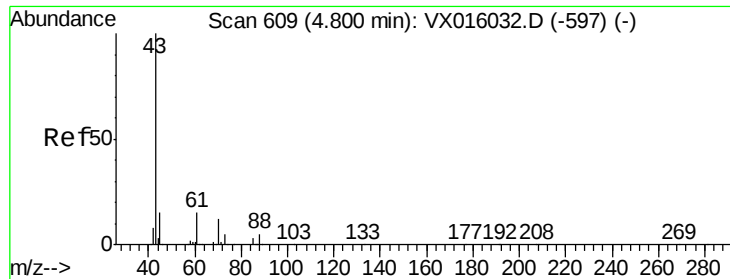
MMDadoda
5/8/2020 11:51:17 AM



#36
1,1-Dichloropropene
Concen: 46.611 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	217132		
110	35.1	18.1	54.1	
77	30.4	25.0	37.6	





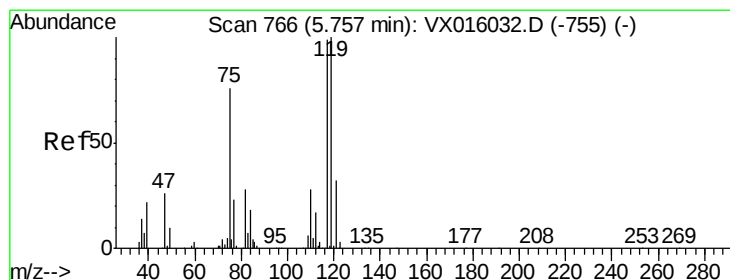
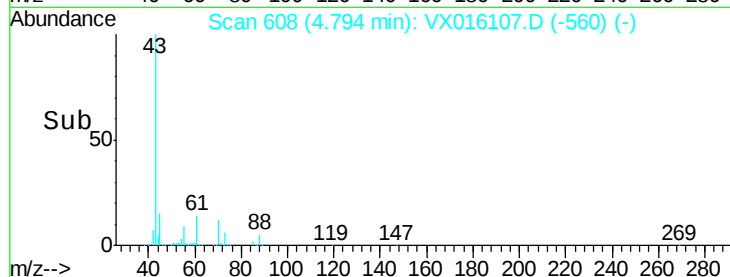
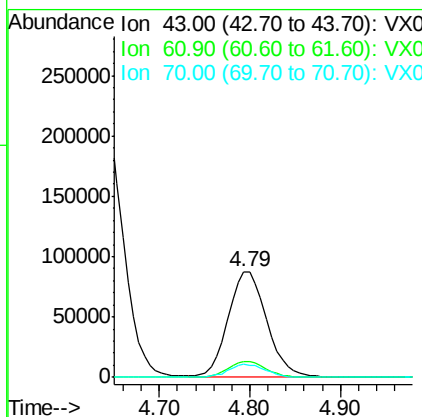
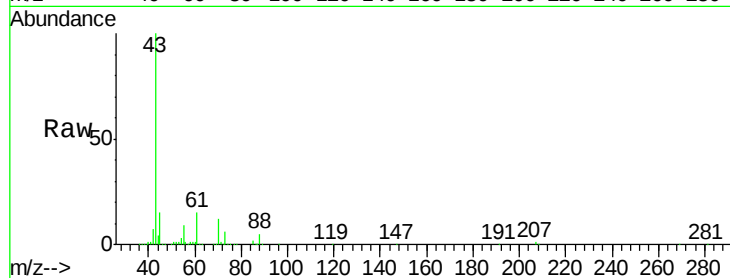
#37
Ethyl Acetate
Concen: 47.701 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.7	17.5
70	11.8	9.3	13.9

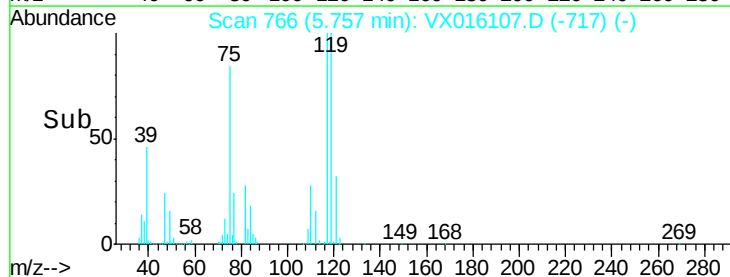
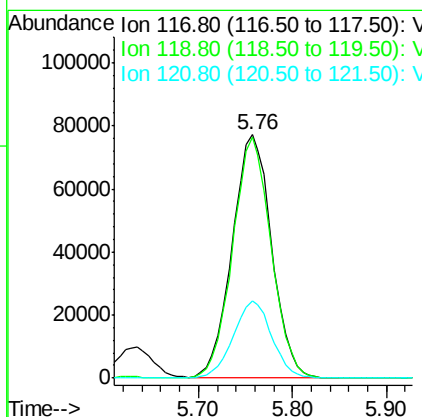
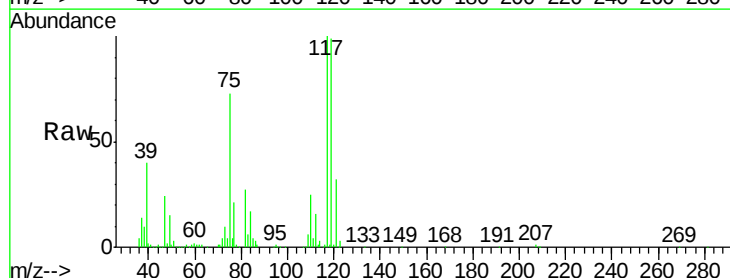
Manual Integrations
APPROVED

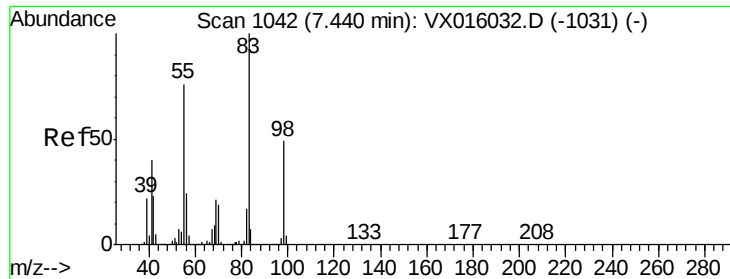
MMDadoda
5/8/2020 11:51:17 AM



#38
Carbon Tetrachloride
Concen: 47.550 ug/l
RT: 5.76 min Scan# 766
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.1	80.3	120.5
121	31.6	25.7	38.5





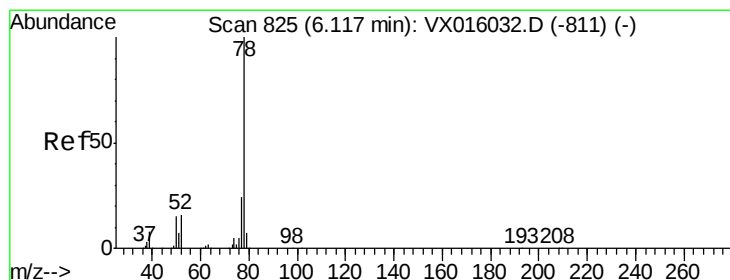
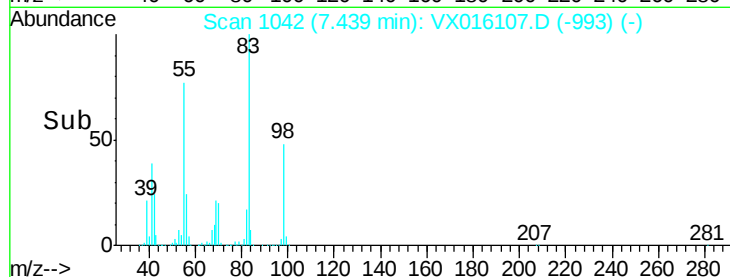
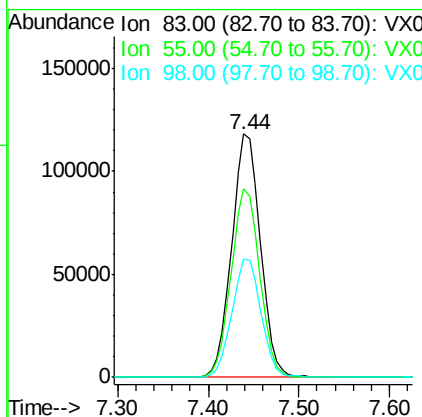
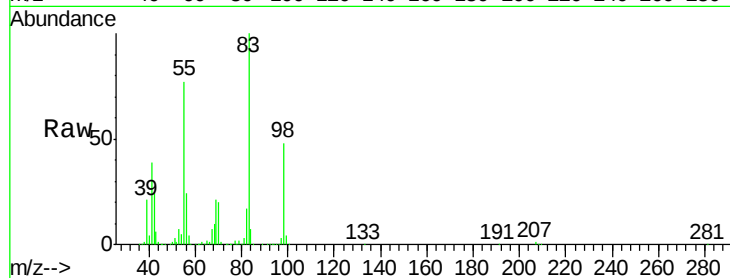
#39
Methylvlcyclohexane
Concen: 46.349 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.2	61.1	91.7
98	48.4	39.0	58.4

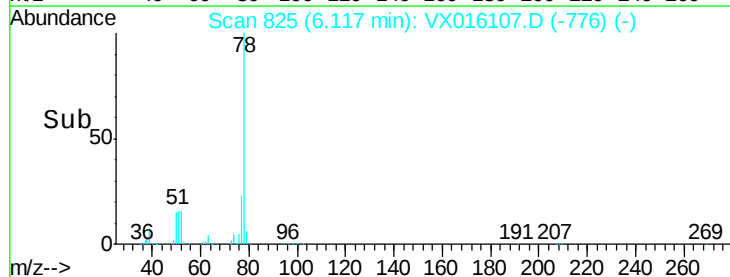
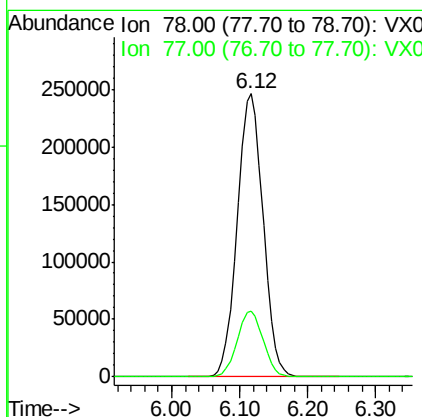
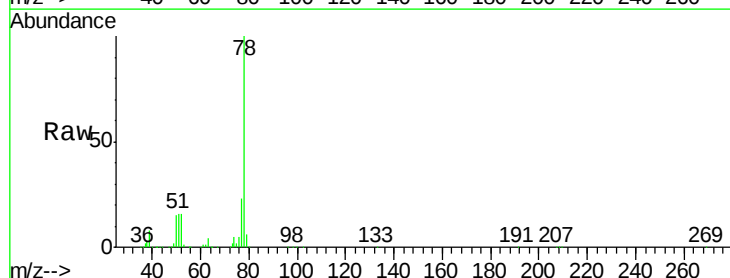
Manual Integrations
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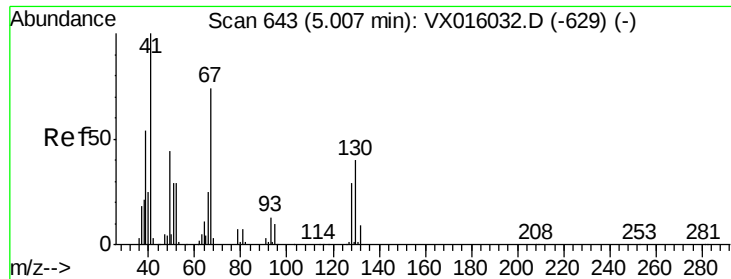
MMDadoda
5/8/2020 11:51:17 AM



#40
Benzene
Concen: 47.602 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.0	28.4





#41

Methacrylonitrile

Concen: 48.684 ug/l

RT: 5.01 min Scan# 643

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

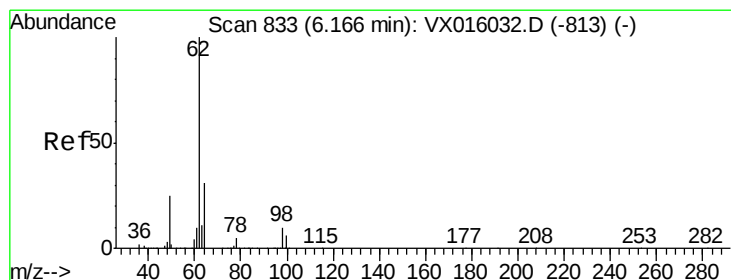
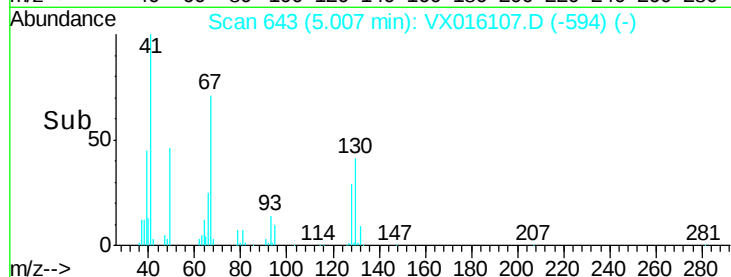
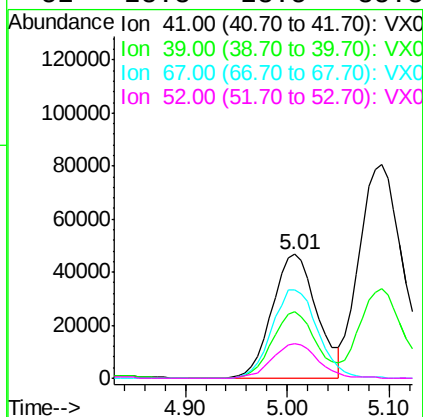
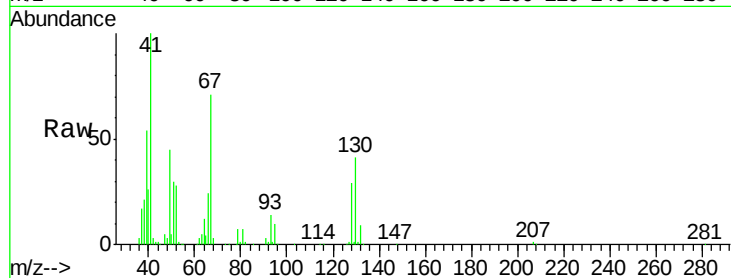
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100				
39	52.6	43.2	64.8		
67	73.4	59.3	88.9		
52	28.3	23.5	35.3		

Manual Integrations
APPROVED

MMDadoda
5/8/2020 11:51:17 AM



#42

1,2-Dichloroethane

Concen: 46.726 ug/l

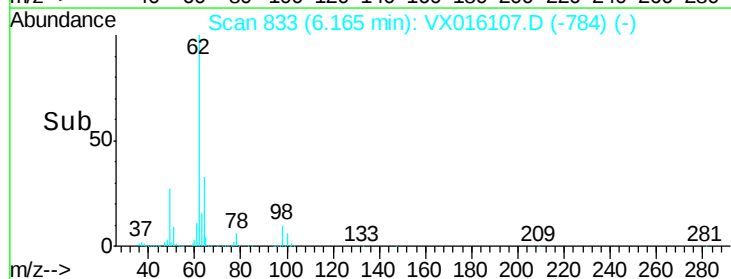
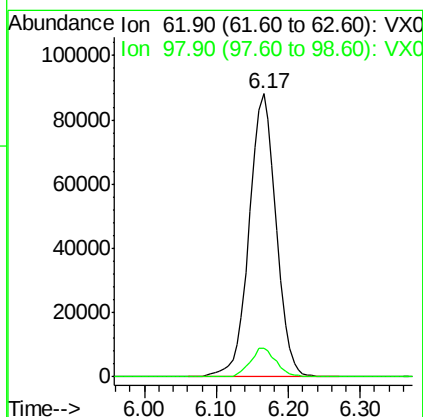
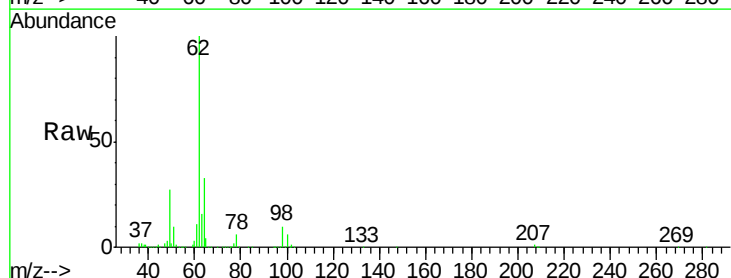
RT: 6.17 min Scan# 833

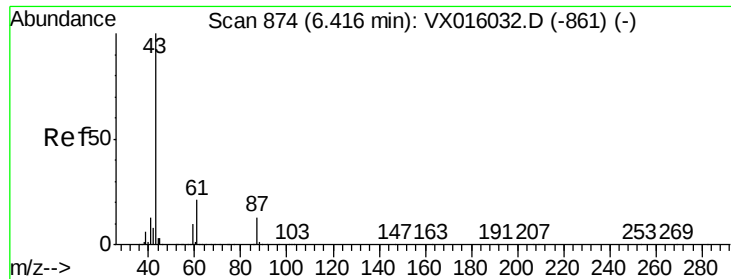
Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100				
98	9.8	0.0	19.4		





#43

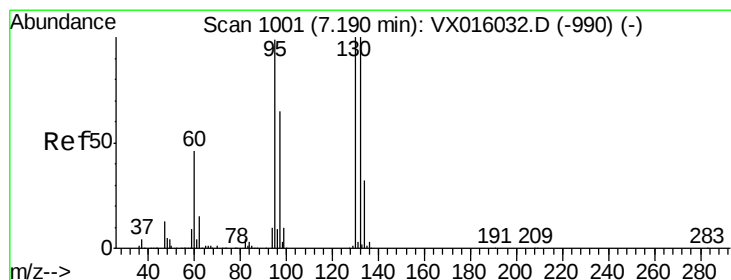
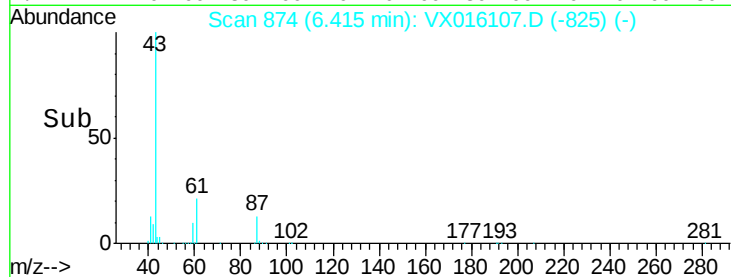
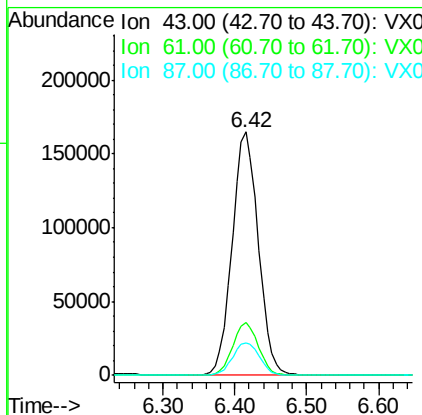
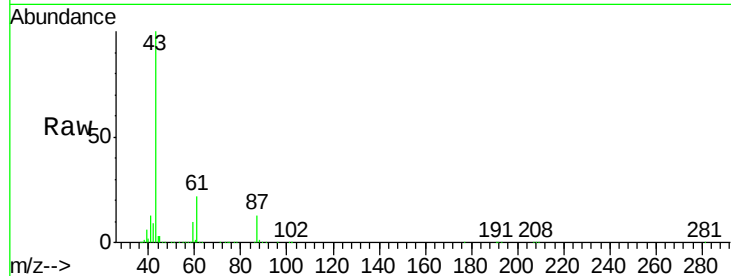
Isopropyl Acetate
 Concen: 47.904 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.5	17.0	25.4
87	13.9	11.0	16.6

Manual Integrations
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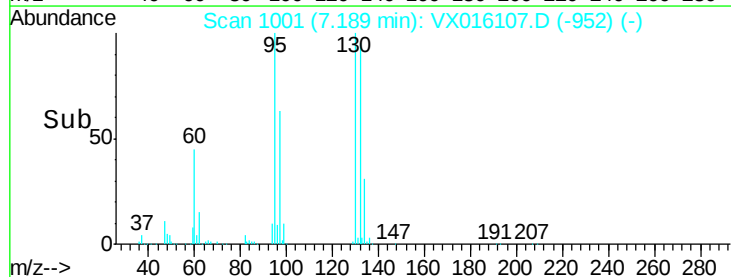
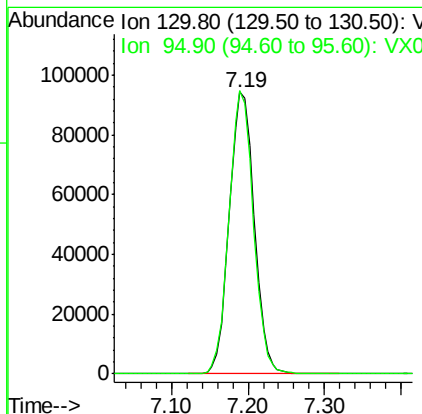
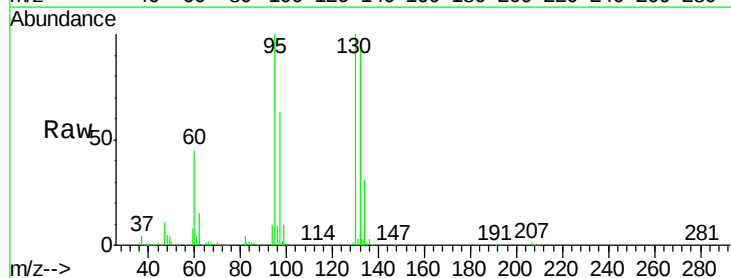
MMDadoda
 5/8/2020 11:51:17 AM

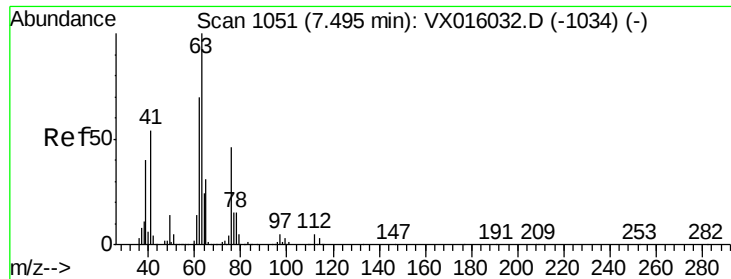


#44

Trichloroethene
 Concen: 44.185 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Lower	Upper
130	100		
95	100.4	0.0	197.4





#45

1,2-Dichloropropane

Concen: 48.792 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 168278

Ion Ratio Lower Upper

63 100

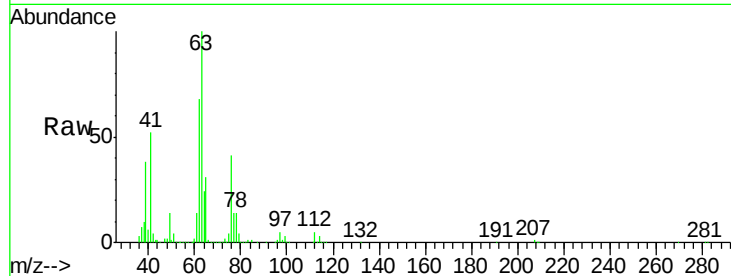
65 31.0 24.4 36.6

Manual Integrations

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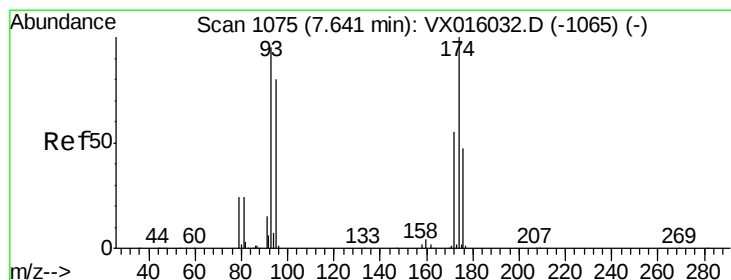
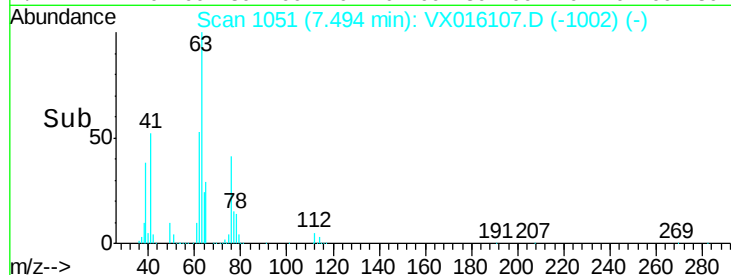
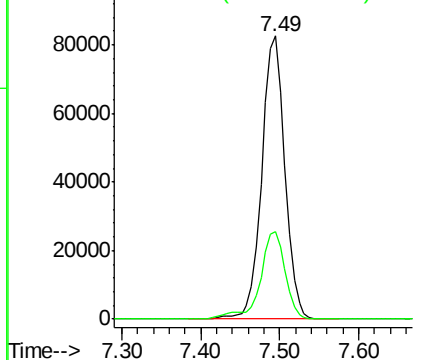
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.471 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

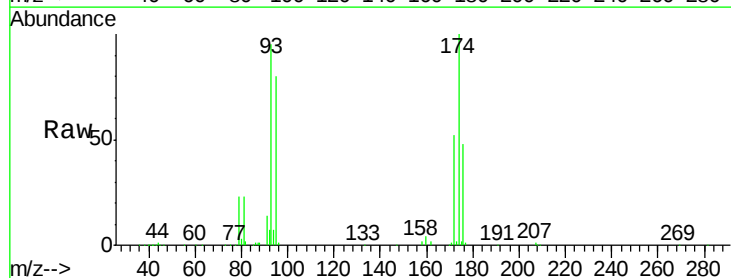
Tgt Ion: 93 Resp: 111262

Ion Ratio Lower Upper

93 100

95 83.7 66.6 100.0

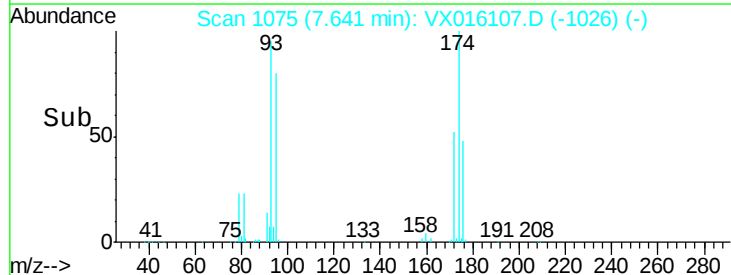
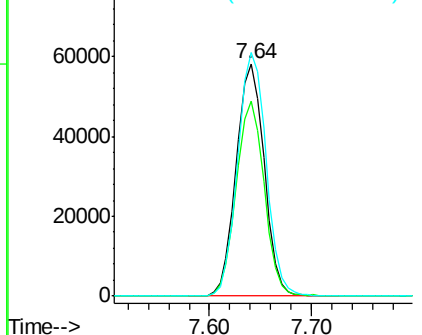
174 106.8 84.2 126.4

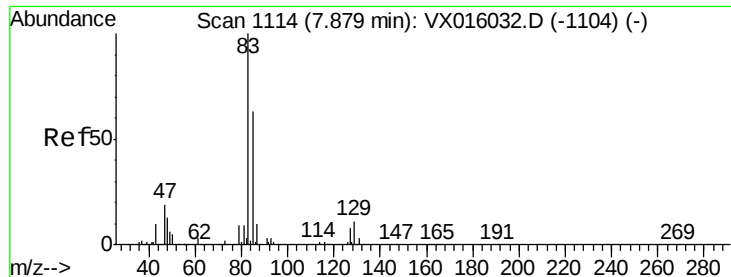


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 48.622 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

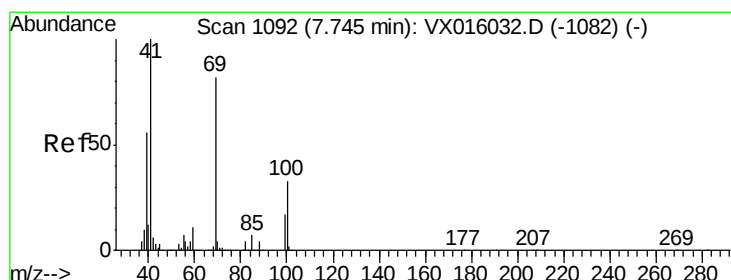
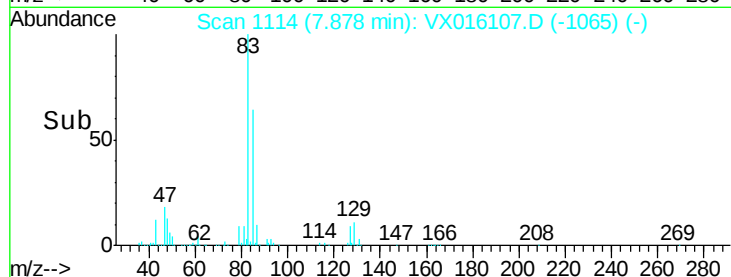
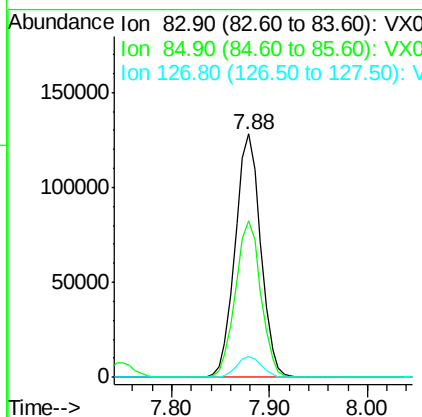
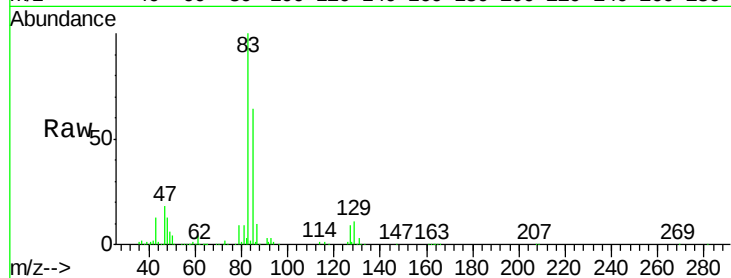
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	232095
Ion Ratio	Lower	Upper	
83	100		
85	64.1	50.5	75.7
127	8.6	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.165 ug/l

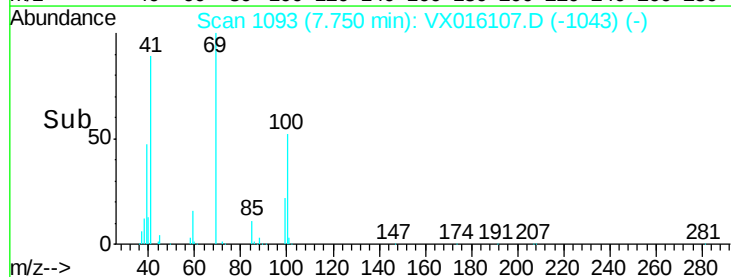
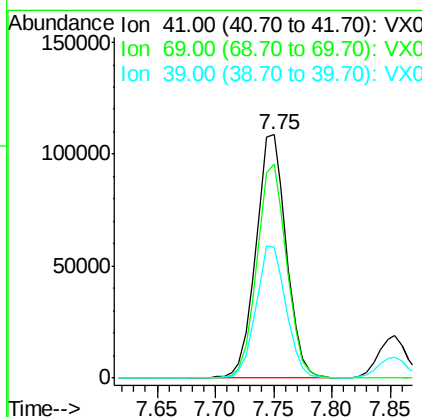
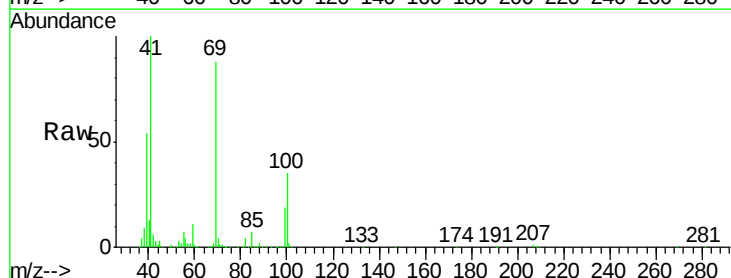
RT: 7.75 min Scan# 1093

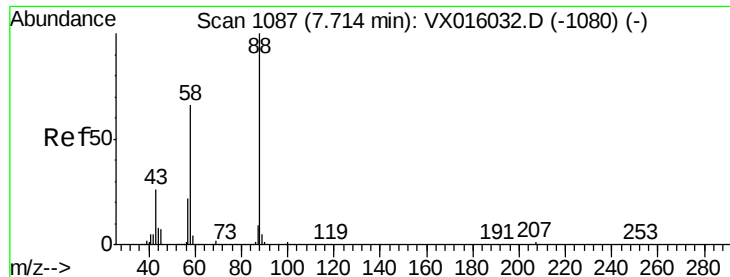
Delta R.T. 0.01 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion:	41	Resp:	196611
Ion Ratio	Lower	Upper	
41	100		
69	86.4	67.8	101.6
39	53.9	44.6	67.0





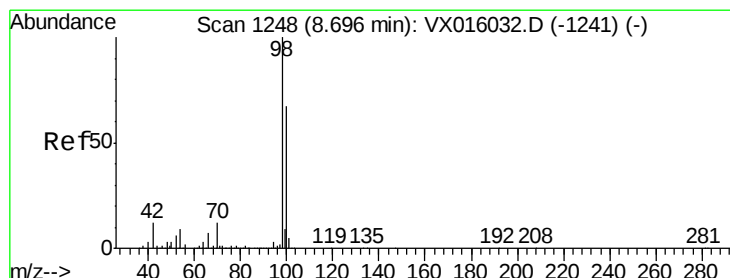
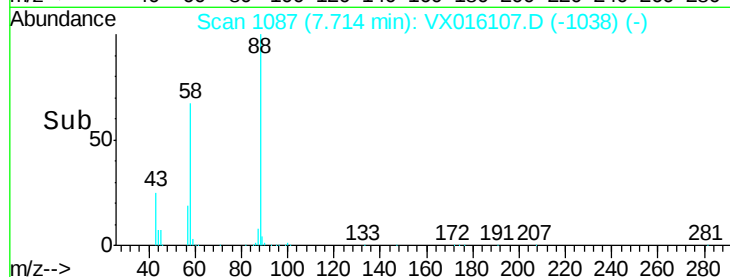
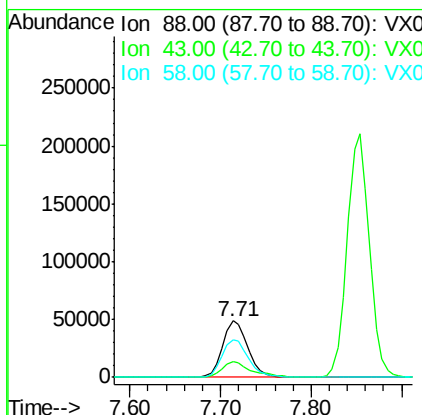
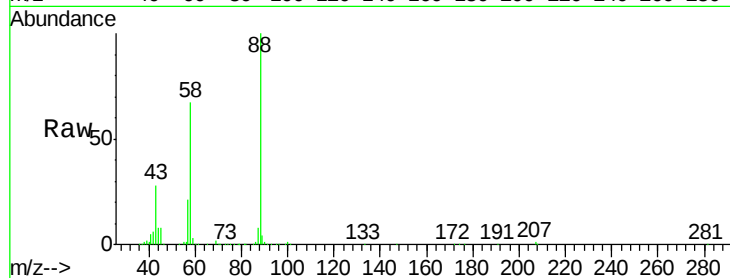
#49
1,4-Dioxane
Concen: 951.673 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	31.3	25.3	37.9
58	70.3	55.9	83.9

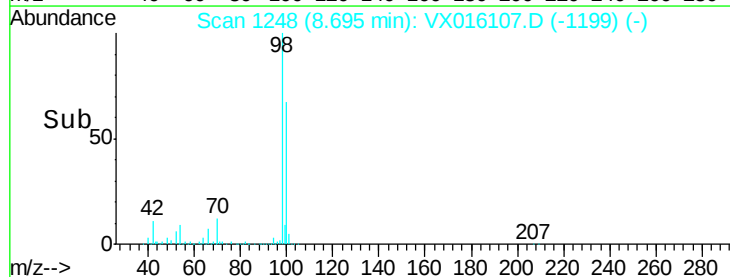
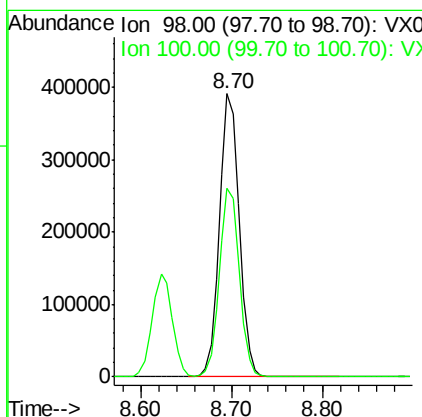
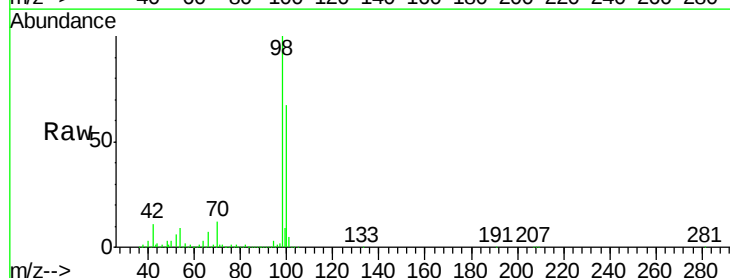
Manual Integrations
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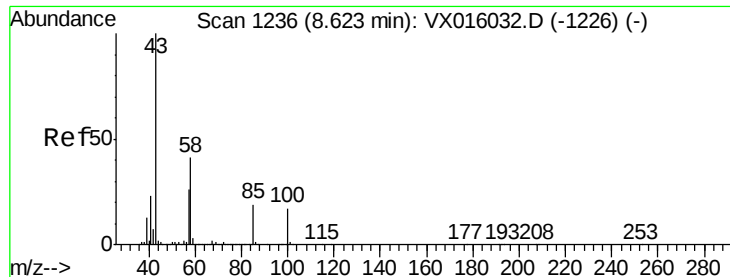
MMDadoda
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#50
Toluene-d8
Concen: 51.604 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.7	80.5





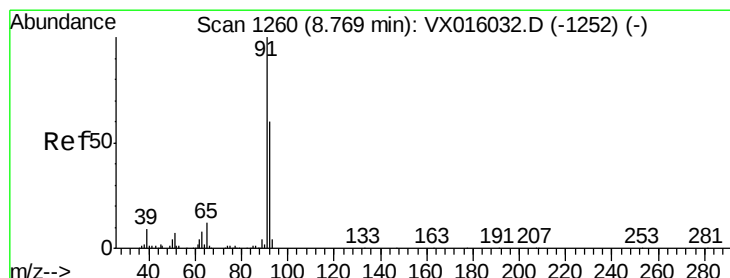
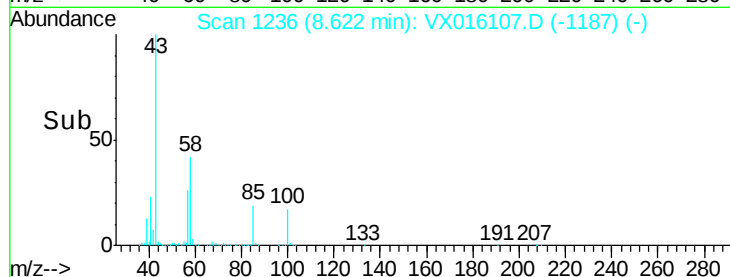
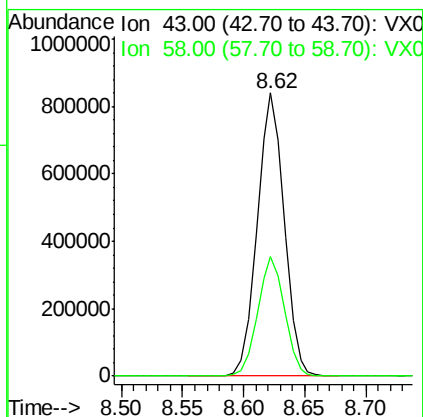
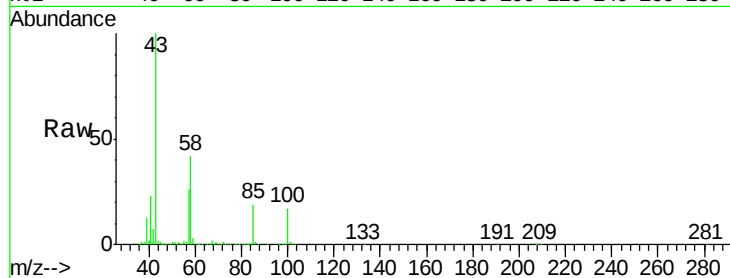
#51
 4-Methyl-2-Pentanone
 Concen: 245.286 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 43 Resp: 1293060
 Ion Ratio Lower Upper
 43 100
 58 41.9 33.0 49.4

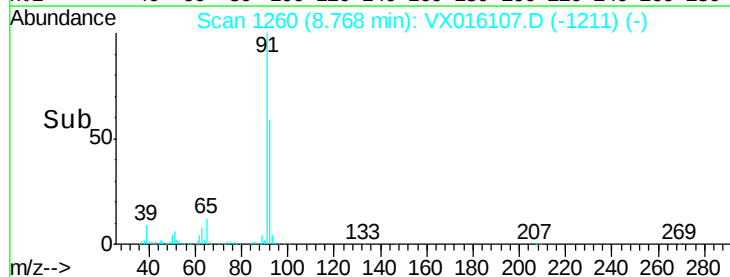
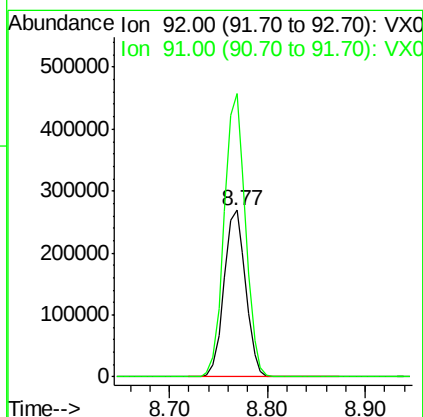
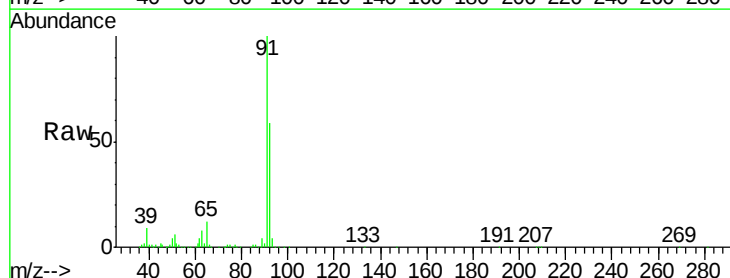
Manual Integrations
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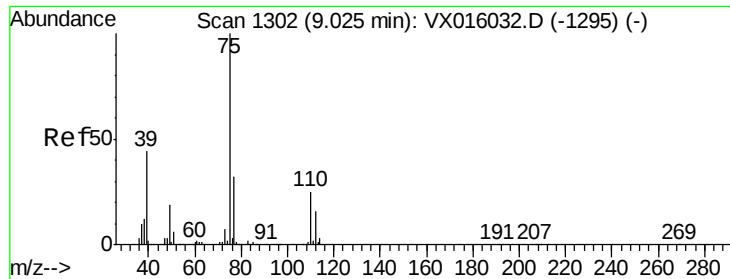
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#52
 Toluene
 Concen: 48.440 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Tgt Ion: 92 Resp: 411543
 Ion Ratio Lower Upper
 92 100
 91 167.2 134.5 201.7





#53

t-1,3-Dichloropropene

Concen: 47.180 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 268523

Ion Ratio Lower Upper

75 100

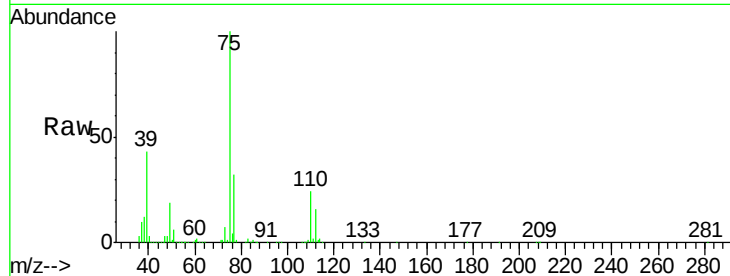
77 31.6 25.7 38.5

Manual Integrations

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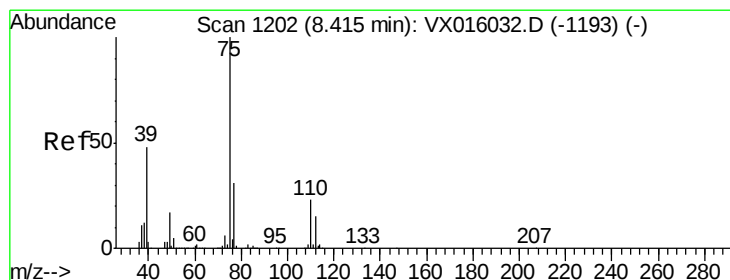
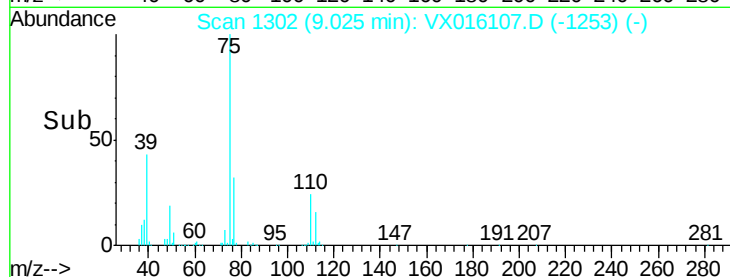
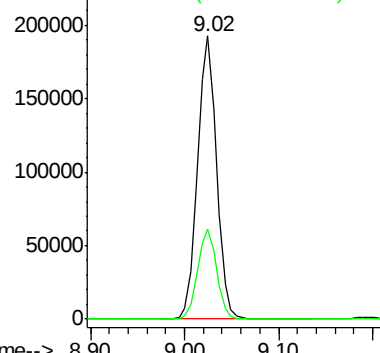
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 47.306 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

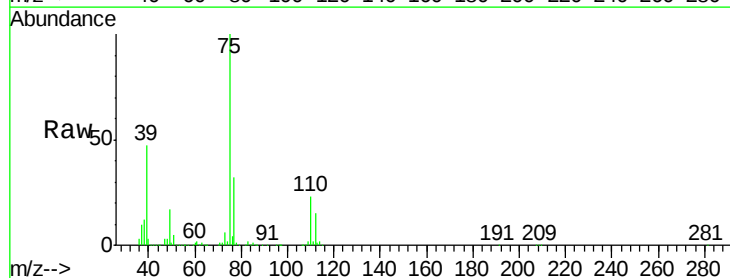
Tgt Ion: 75 Resp: 281224

Ion Ratio Lower Upper

75 100

77 32.3 24.7 37.1

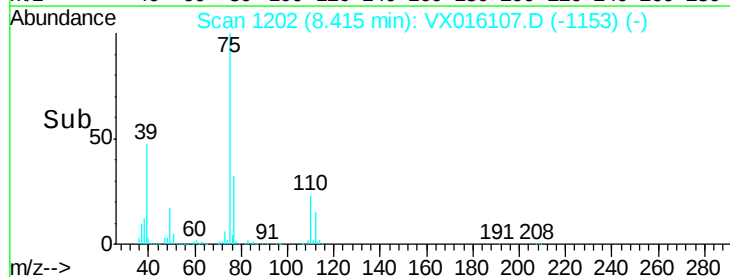
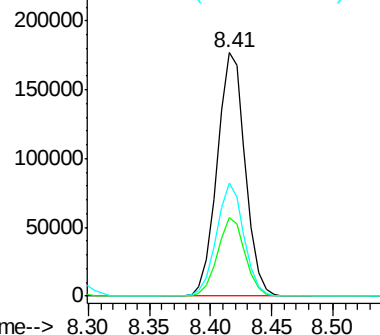
39 46.5 38.7 58.1

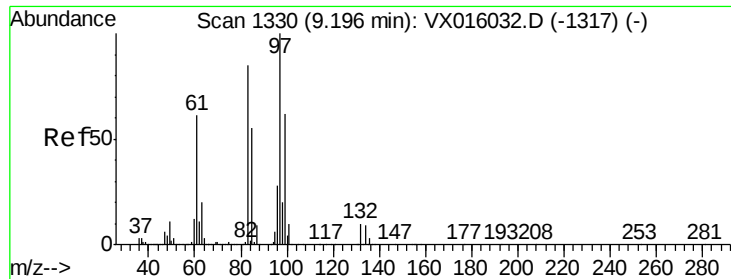


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





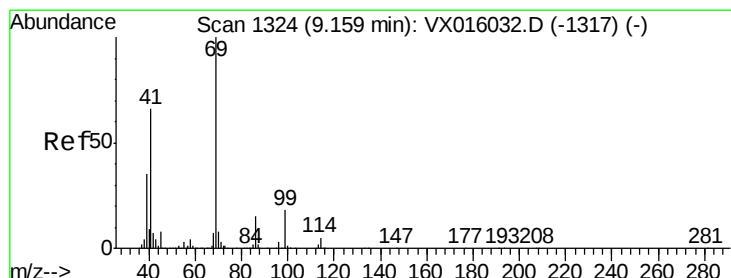
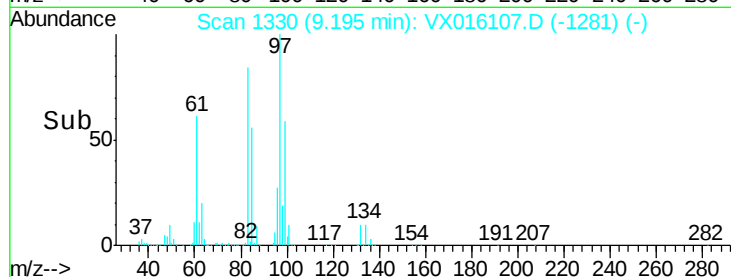
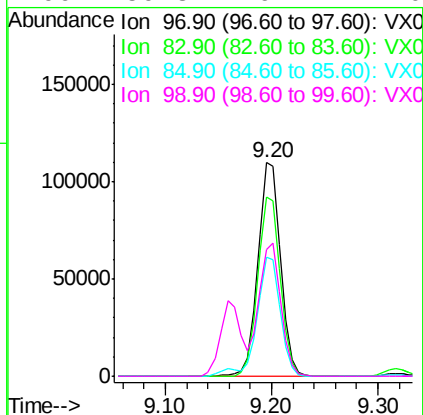
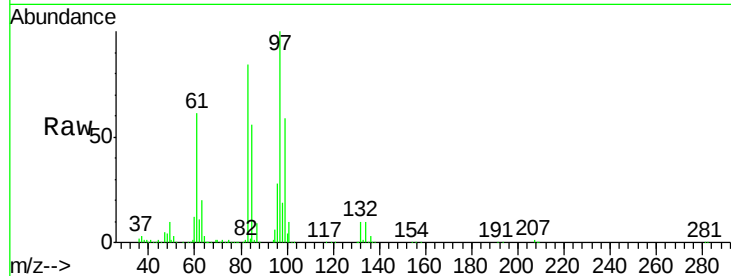
#55
 1,1,2-Trichloroethane
 Concen: 49.027 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		163879		
83	83.8	67.8	101.8		
85	55.9	43.8	65.8		
99	59.3	49.4	74.0		

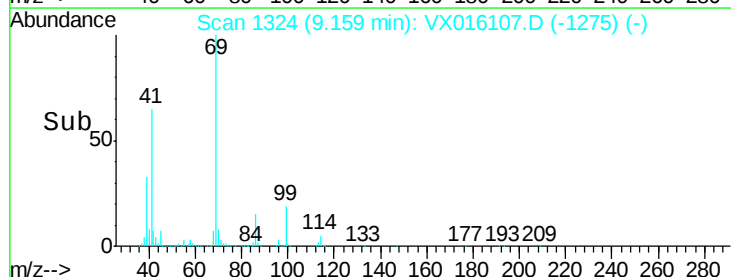
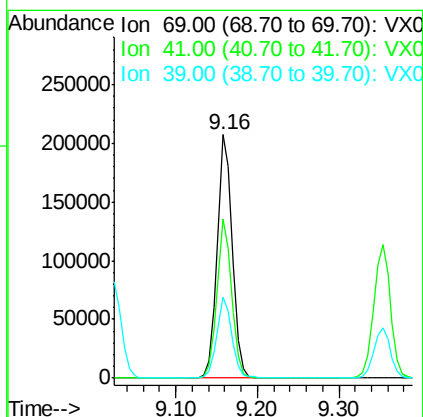
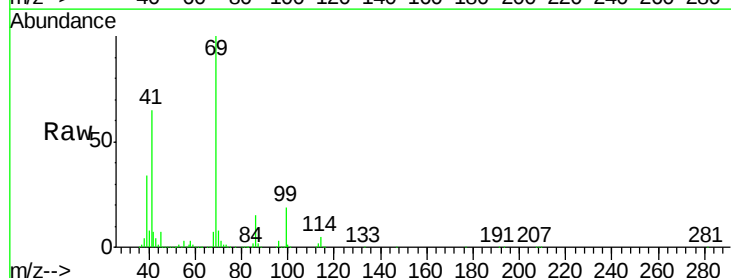
Manual Integrations
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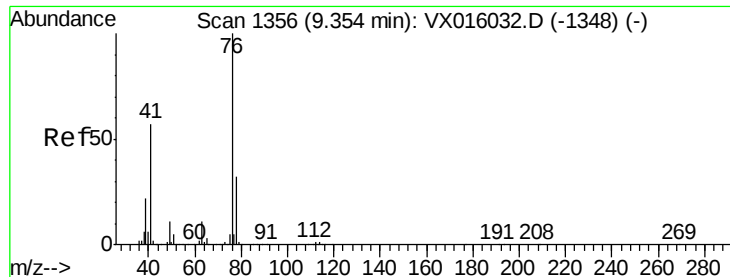
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#56
 Ethyl methacrylate
 Concen: 50.395 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		274964		
41	63.8	52.2	78.4		
39	33.4	28.2	42.4		





#57

1,3-Dichloropropane

Concen: 48.480 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 282761

Ion Ratio Lower Upper

76 100

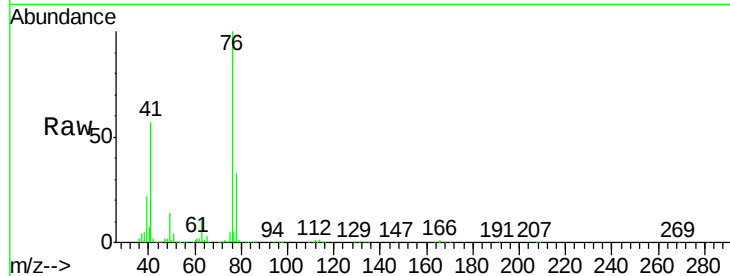
78 32.7 25.9 38.9

Manual Integrations

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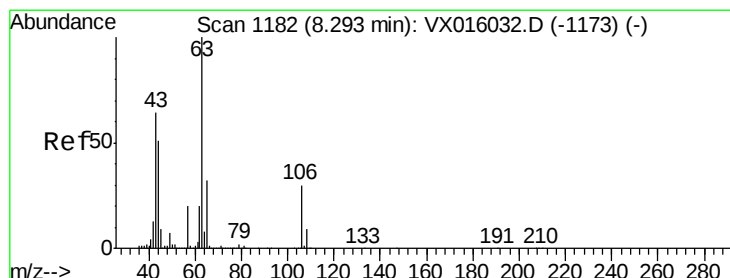
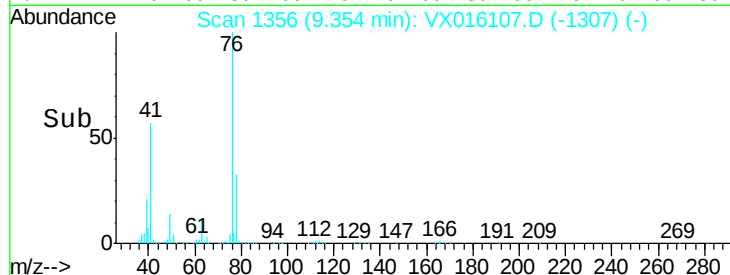
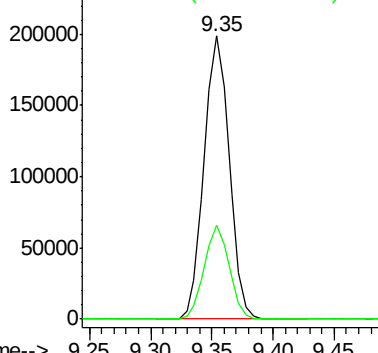
MMDadoda

5/8/2020 11:51:17 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 248.600 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX016107.D

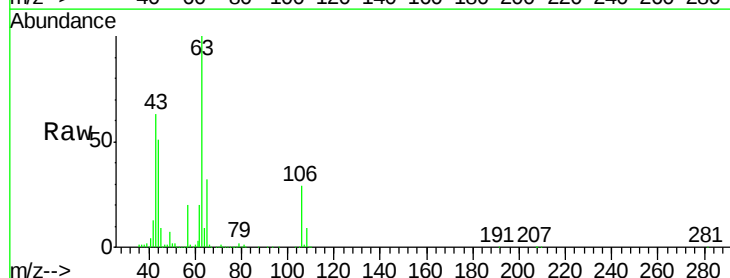
Acq: 07 May 2020 20:13

Tgt Ion: 63 Resp: 722117

Ion Ratio Lower Upper

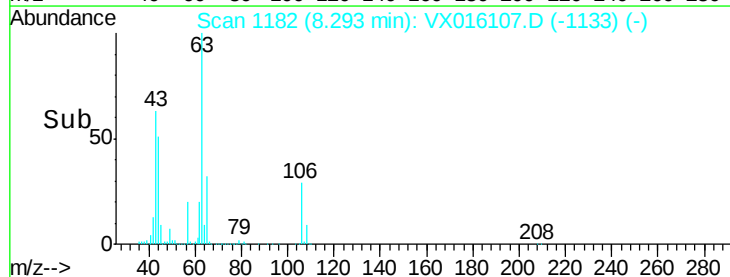
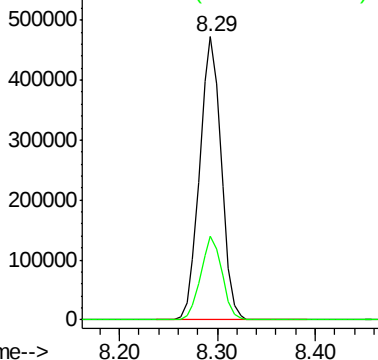
63 100

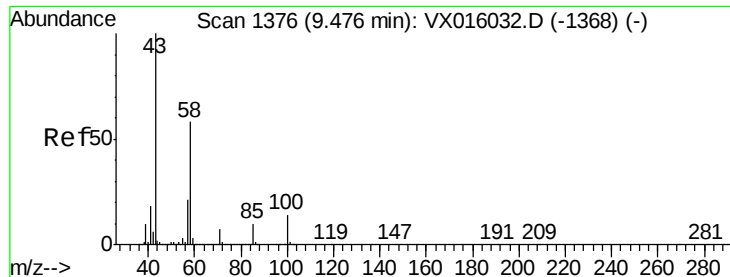
106 29.1 23.4 35.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V





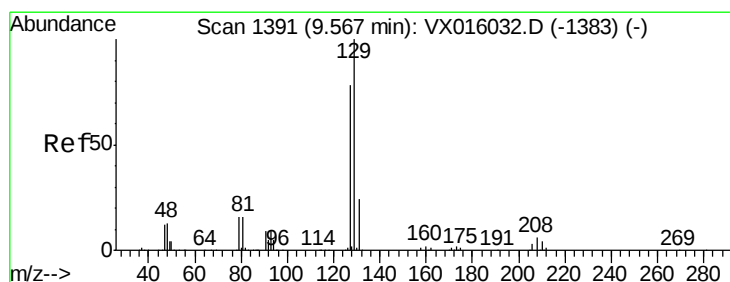
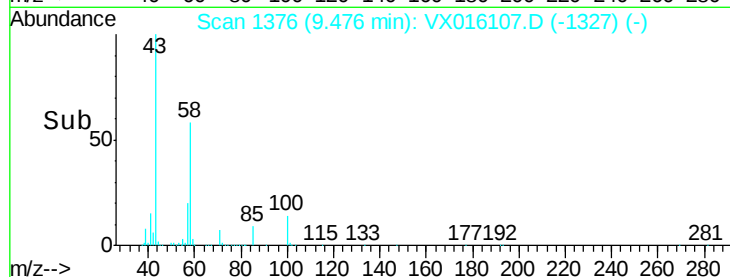
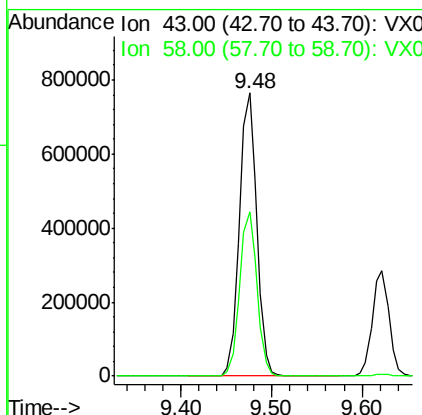
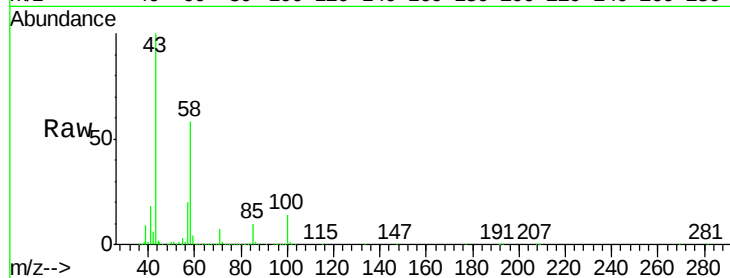
#59
2-Hexanone
Concen: 245.370 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1015816
Ion Ratio Lower Upper
43 100
58 57.9 28.6 85.9

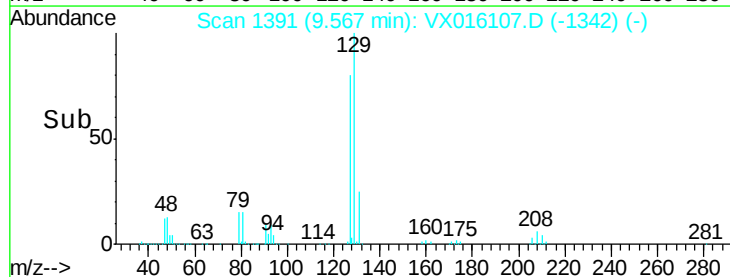
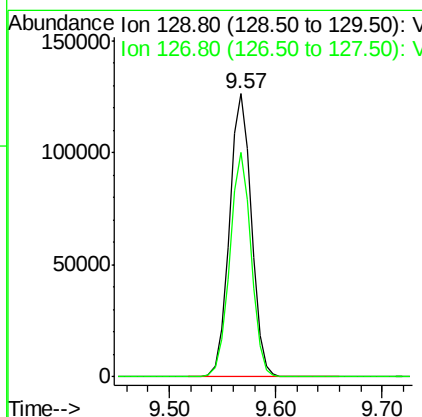
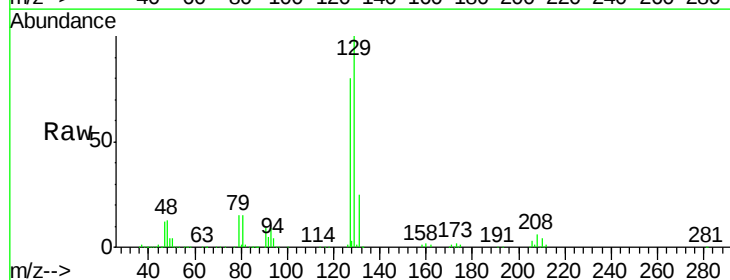
Manual Integrations
APPROVED

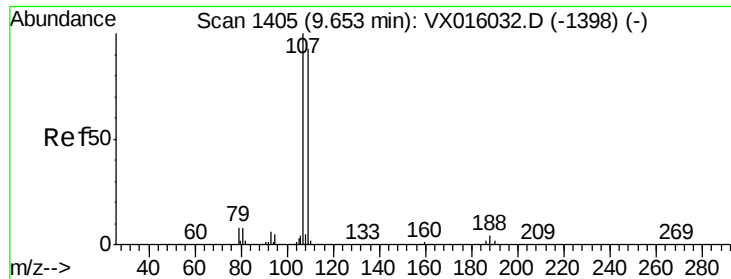
MMDadoda
5/8/2020 11:51:17 AM



#60
Dibromochloromethane
Concen: 49.845 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion: 129 Resp: 183500
Ion Ratio Lower Upper
129 100
127 77.1 38.4 115.2





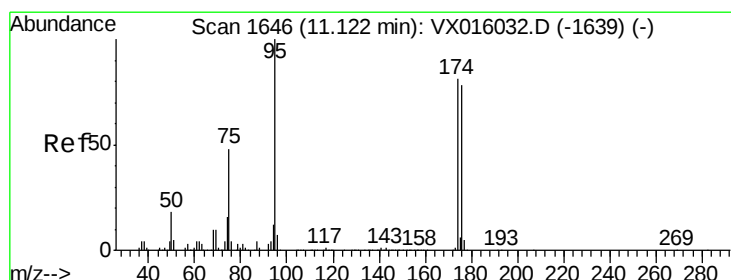
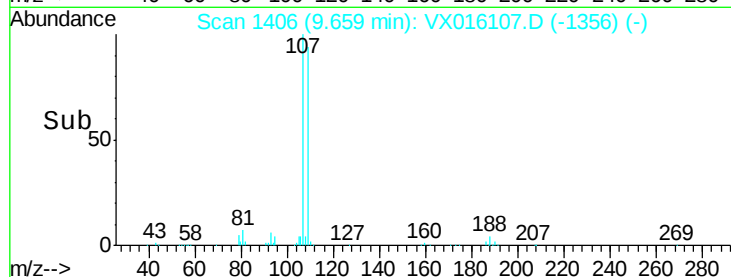
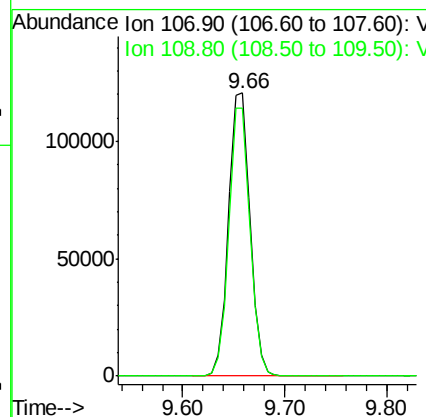
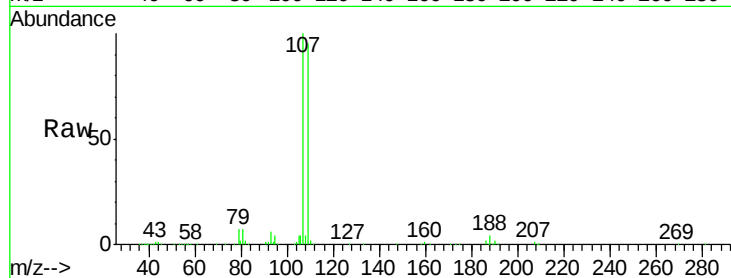
#61
 1,2-Dibromoethane
 Concen: 48.617 ug/l
 RT: 9.66 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
107	100	176023		
109	93.4	74.9	112.3	

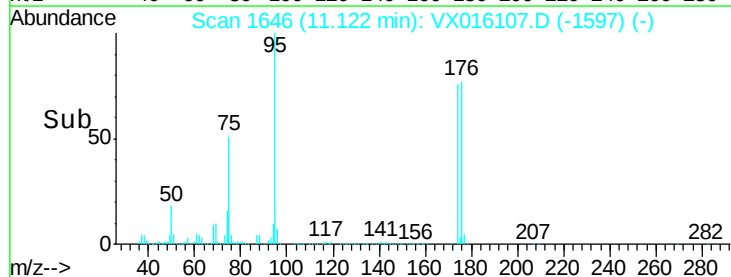
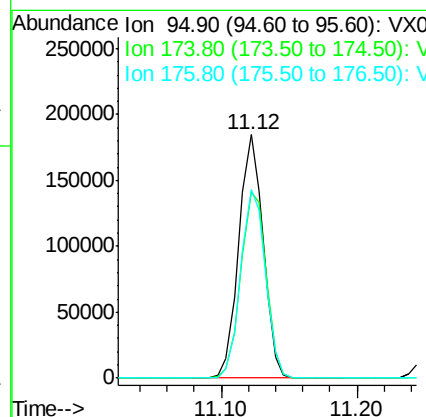
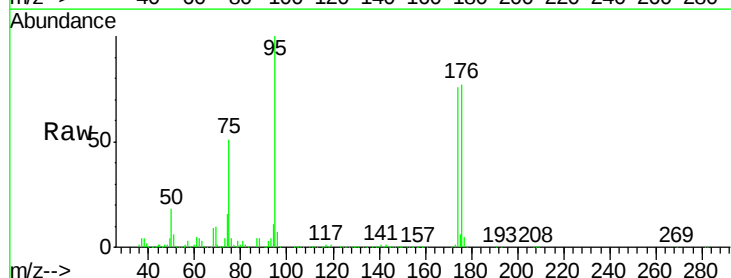
Manual Integrations
 APPROVED

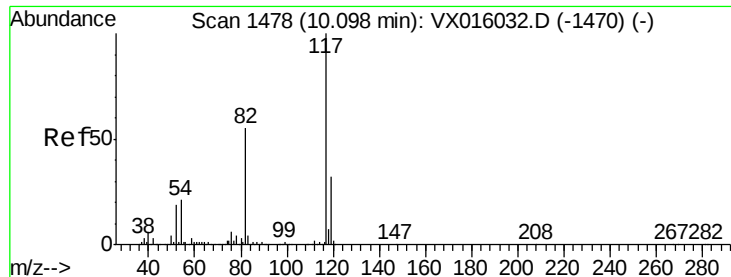
MMDadoda
 5/8/2020 11:51:17 AM



#62
 4-Bromofluorobenzene
 Concen: 52.328 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	229924		
174	79.7	0.0	159.4	
176	78.9	0.0	157.6	





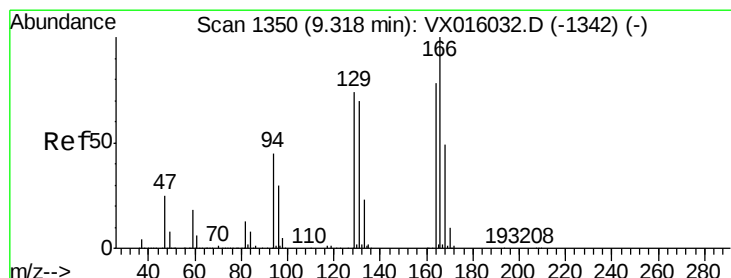
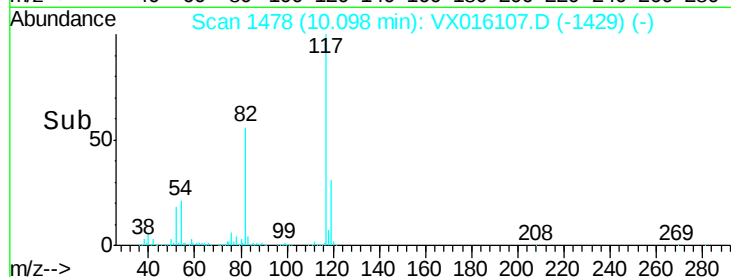
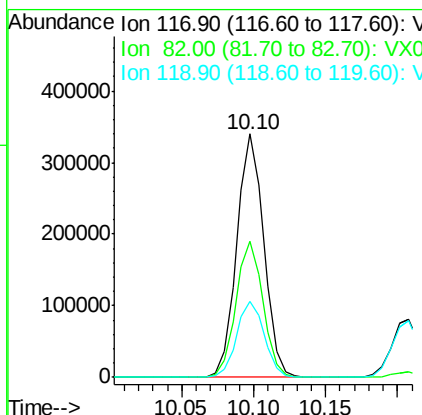
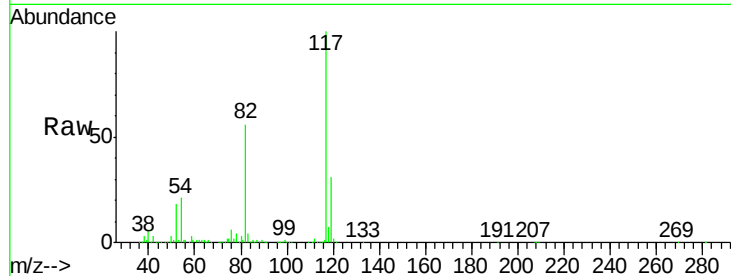
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	444014		
82	56.1	44.4	66.6	
119	31.4	25.5	38.3	

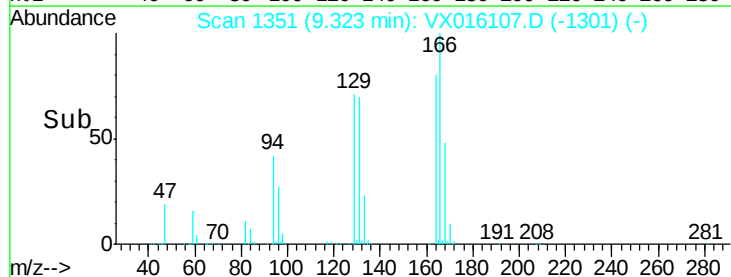
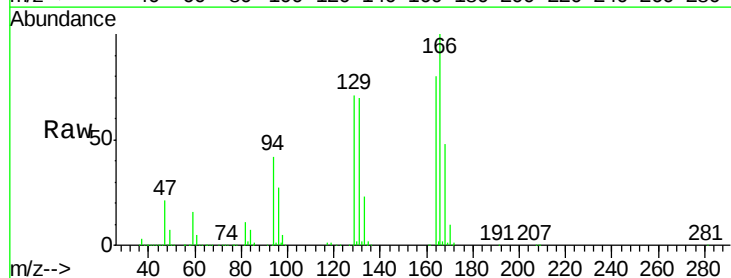
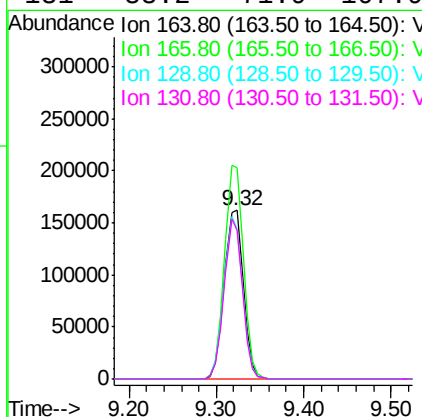
Manual Integrations
APPROVED

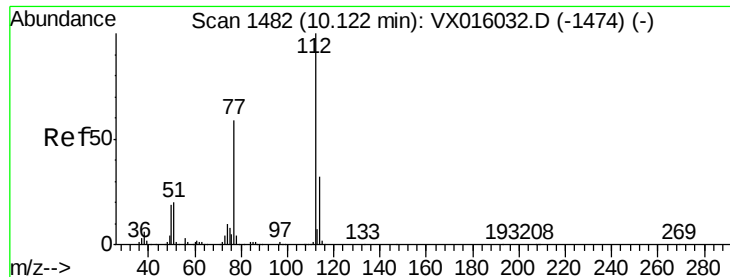
MMDadoda
5/8/2020 11:51:17 AM



#64
Tetrachloroethene
Concen: 45.079 ug/l
RT: 9.32 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	245716		
166	125.4	102.9	154.3	
129	88.6	76.1	114.1	
131	88.2	71.9	107.9	





#65

Chlorobenzene

Concen: 46.542 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 432710

Ion Ratio Lower Upper

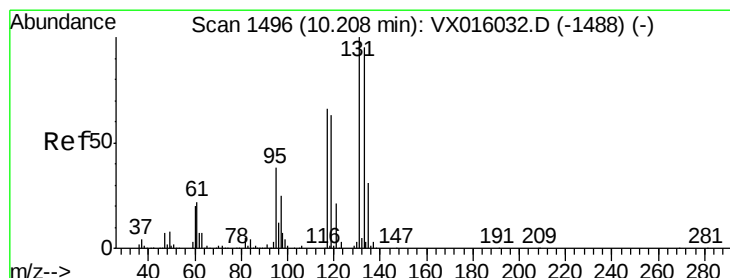
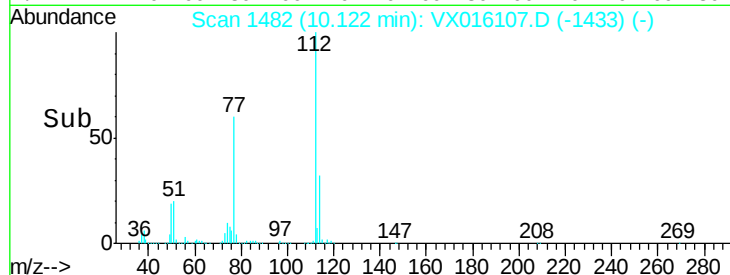
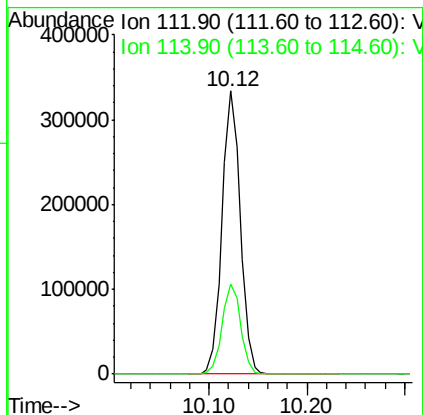
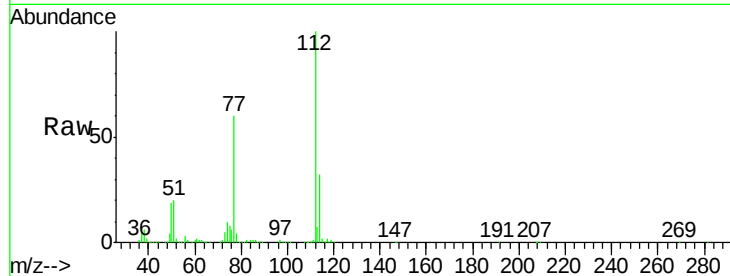
112 100

114 31.9 25.7 38.5

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 48.098 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

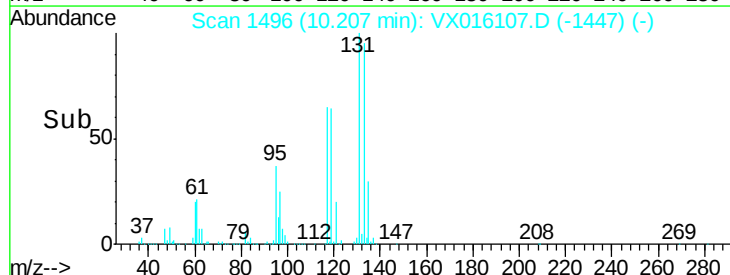
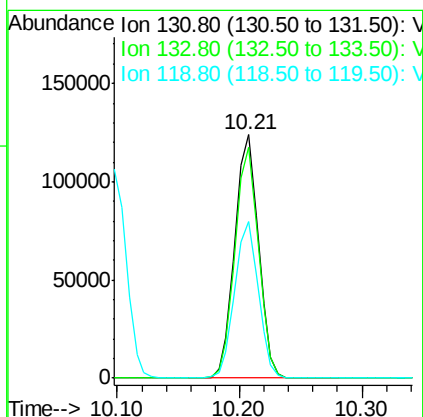
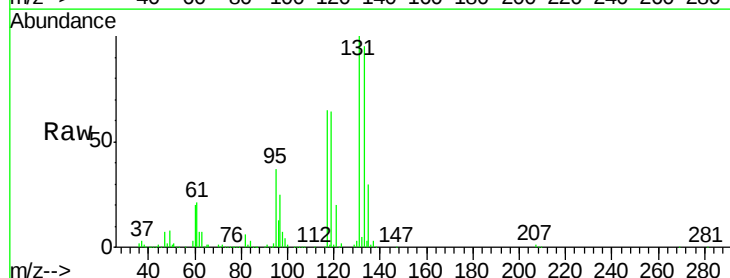
Tgt Ion:131 Resp: 165279

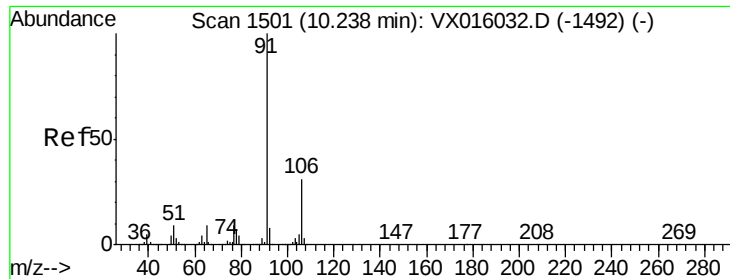
Ion Ratio Lower Upper

131 100

133 94.5 48.3 144.8

119 64.4 32.3 96.9





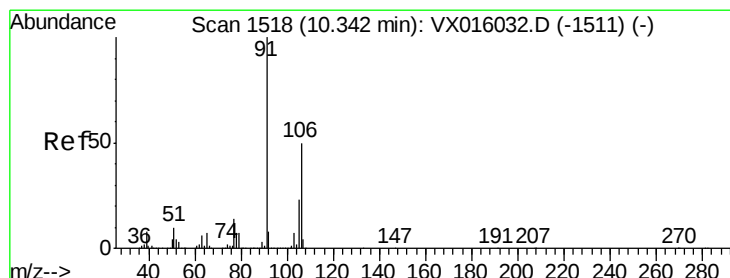
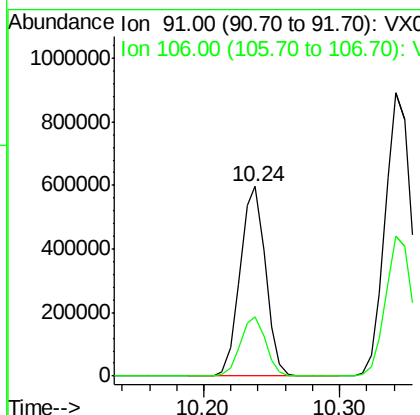
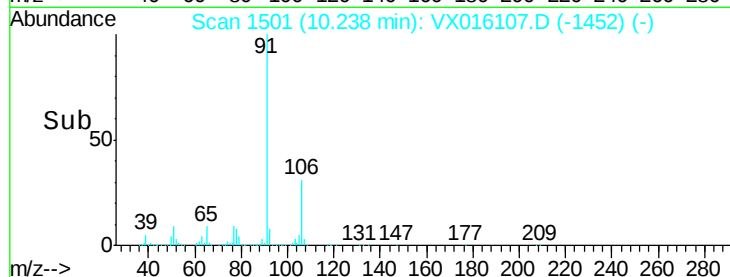
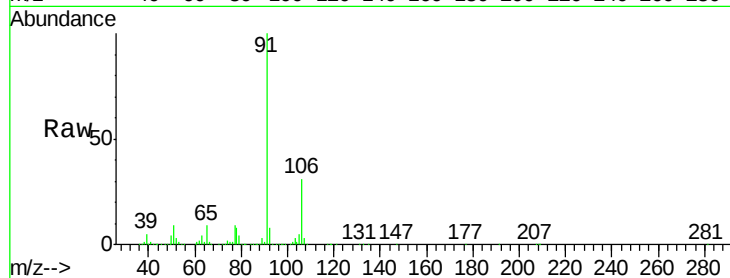
#67
Ethyl Benzene
Concen: 46.884 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion: 91 Resp: 777737
Ion Ratio Lower Upper
91 100
106 31.4 25.1 37.7

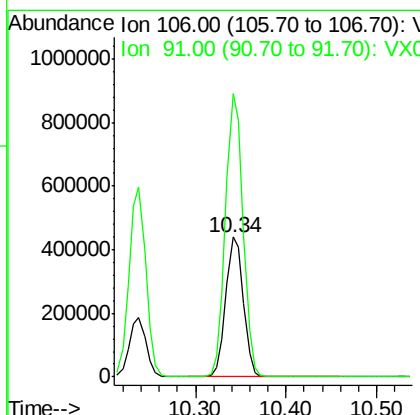
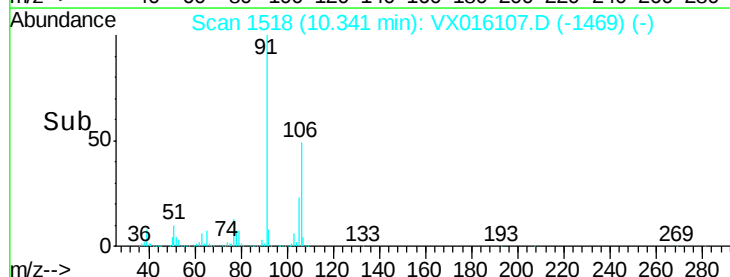
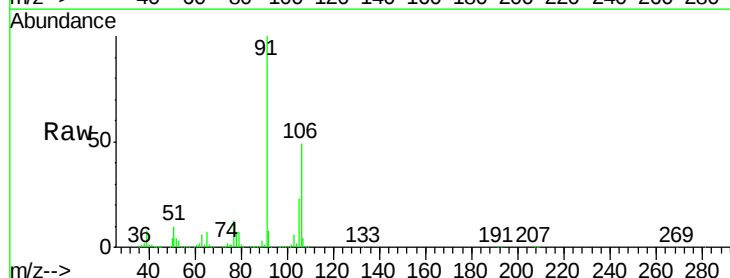
Manual Integrations
APPROVED

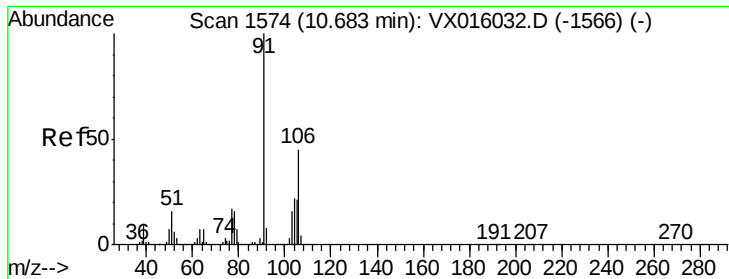
MMDadoda
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#68
m/p-Xylenes
Concen: 95.663 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion: 106 Resp: 594551
Ion Ratio Lower Upper
106 100
91 202.1 161.7 242.5





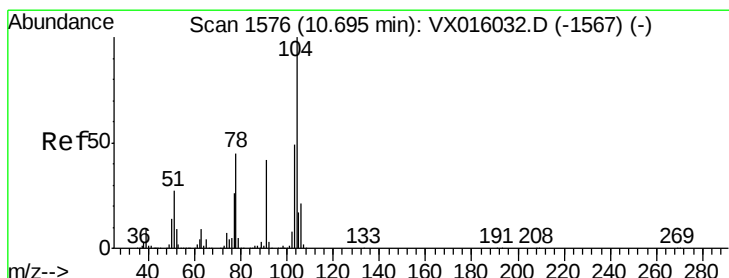
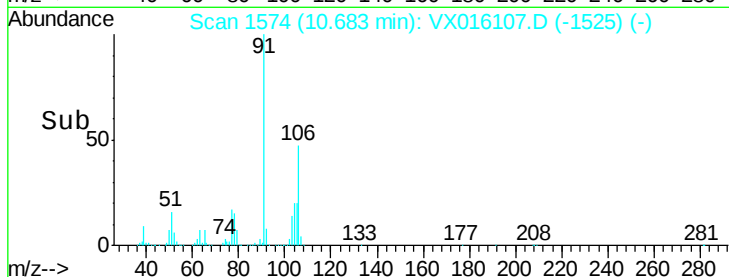
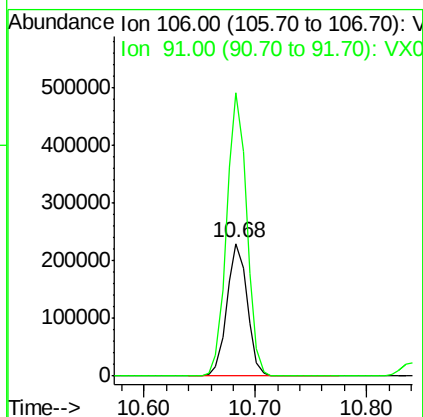
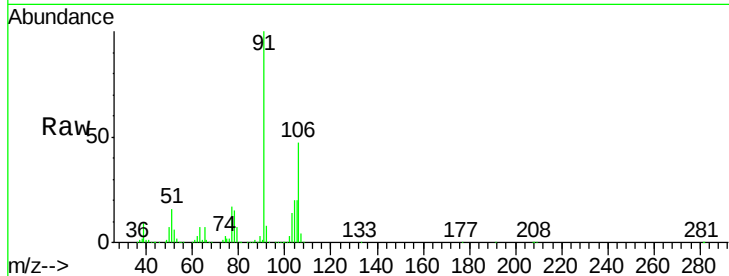
#69
o-Xylene
Concen: 48.390 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		289091		
91	211.6	107.5	322.6		

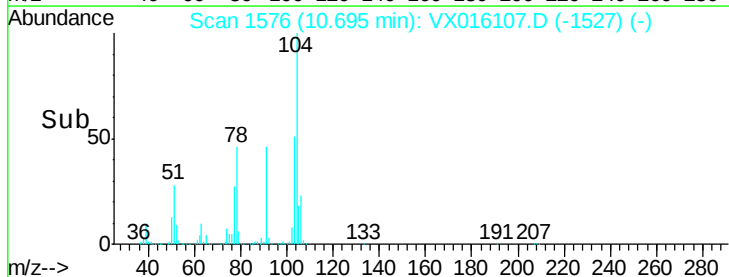
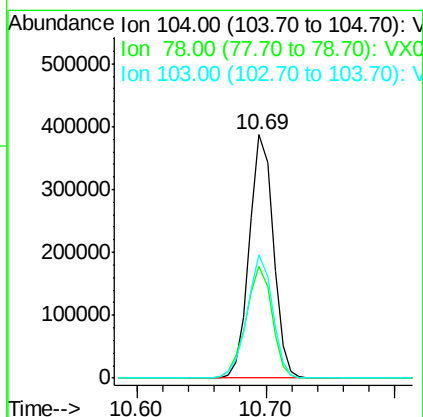
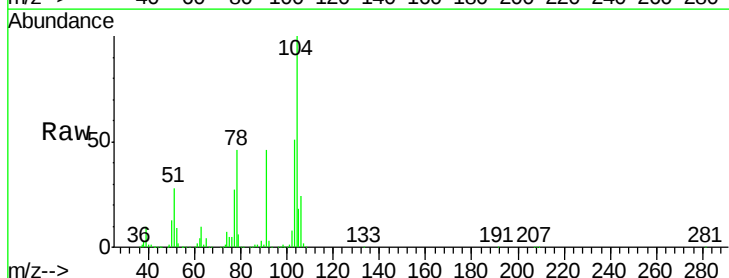
Manual Integrations
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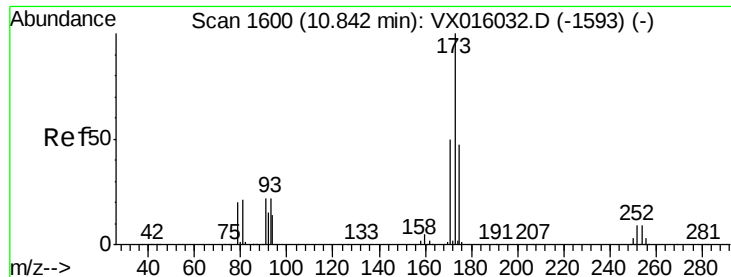
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#70
Styrene
Concen: 48.700 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		493583		
78	50.3	40.2	60.2		
103	53.8	43.0	64.6		





#71

Bromoform

Concen: 49.493 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

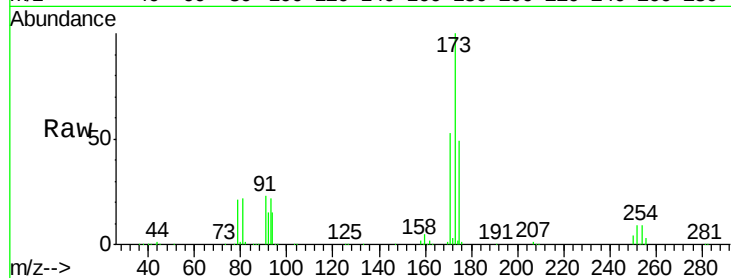
ClientSampleId :

VSTDCCC050EC

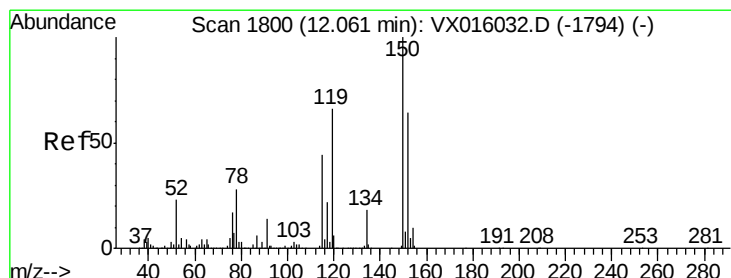
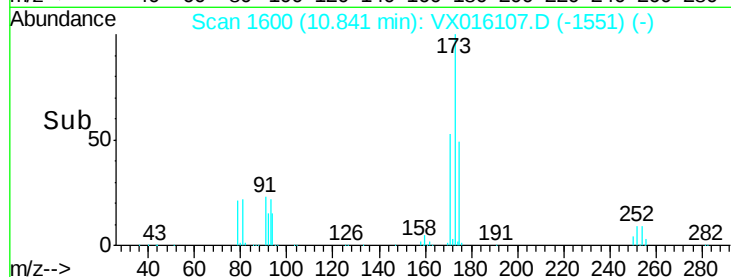
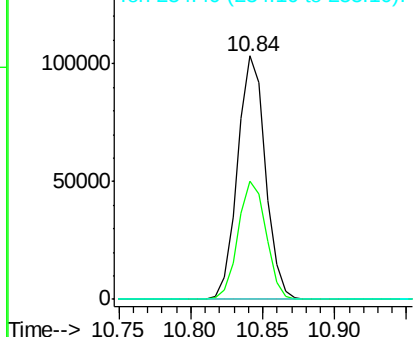
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.0	72.0
254	0.1	0.1	0.1

Manual Integrations
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5/8/2020 11:51:17 AM



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

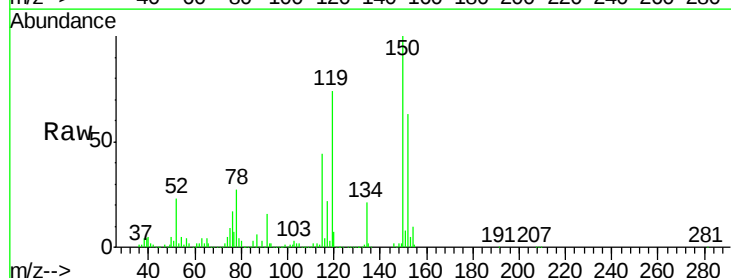
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

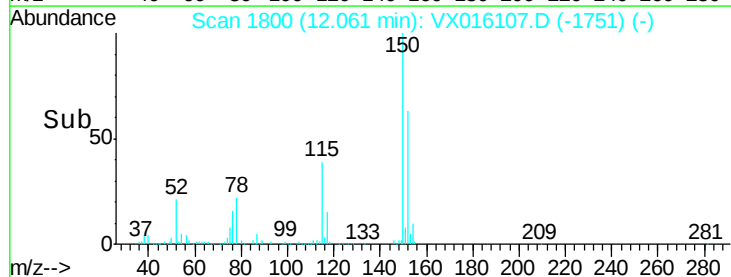
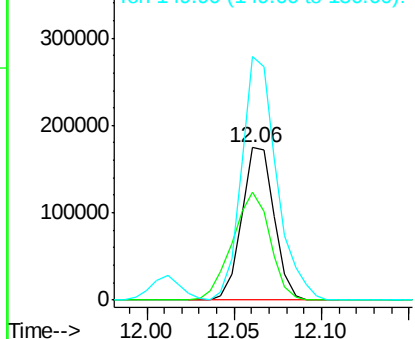
Lab File: VX016107.D

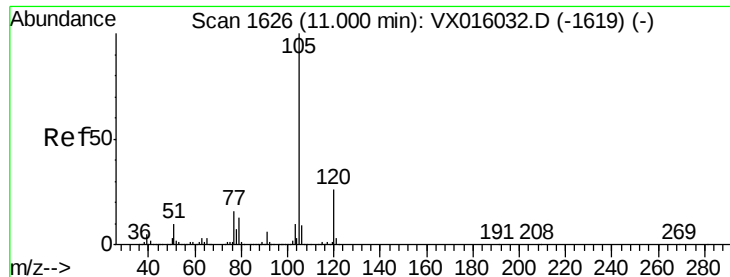
Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.7	41.3	124.1
150	173.3	0.0	352.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 47.242 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 768830

Ion Ratio Lower Upper

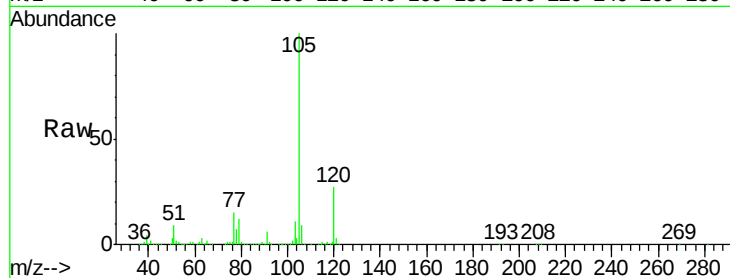
105 100

120 26.3 13.4 40.2

Manual Integrations
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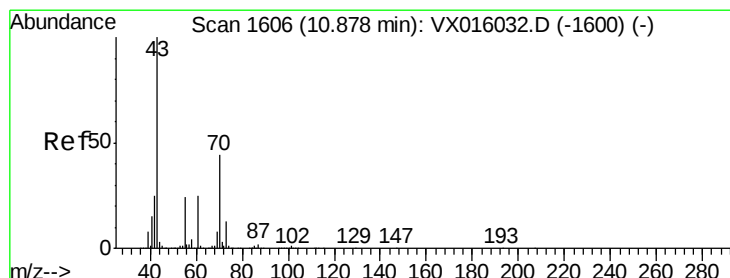
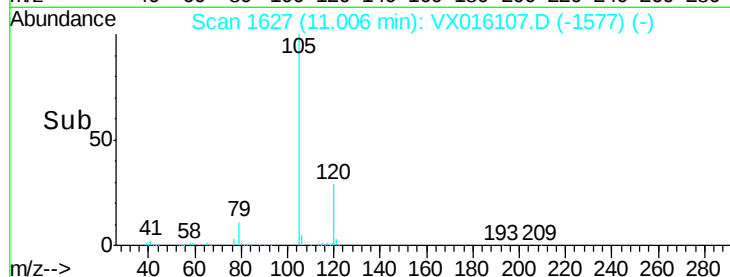
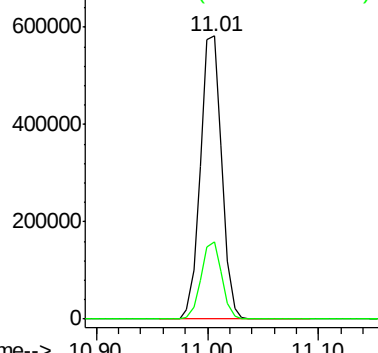
MMDadoda

5/8/2020 11:51:17 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.148 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion: 43 Resp: 357906

Ion Ratio Lower Upper

43 100

70 45.4 36.5 54.7

55 25.3 19.7 29.5

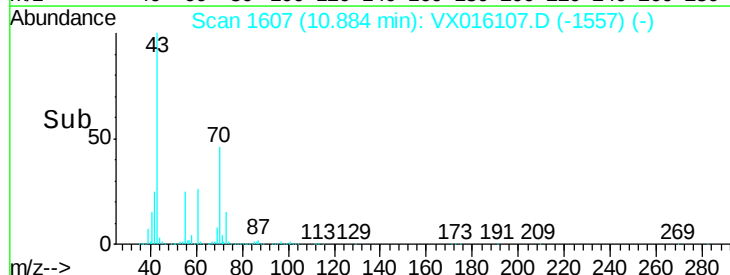
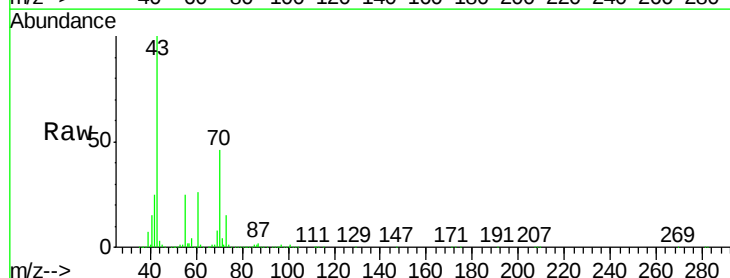
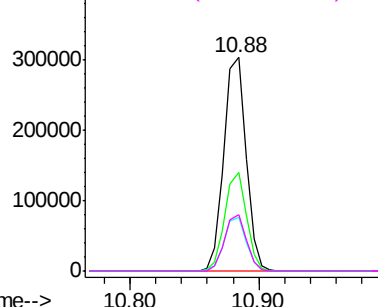
61 25.9 20.9 31.3

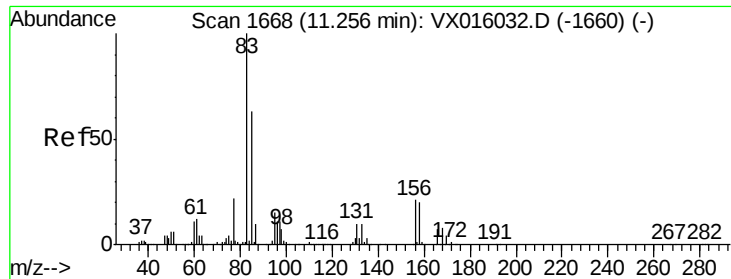
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 53.032 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 170803

Ion Ratio Lower Upper

83 100

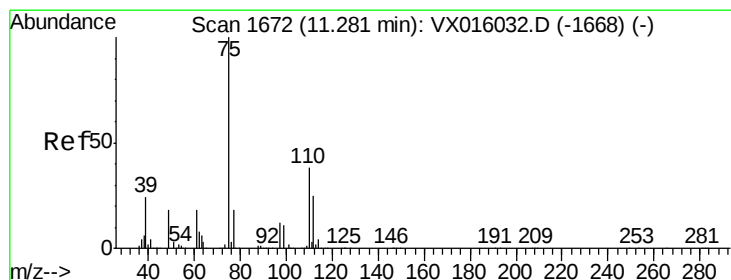
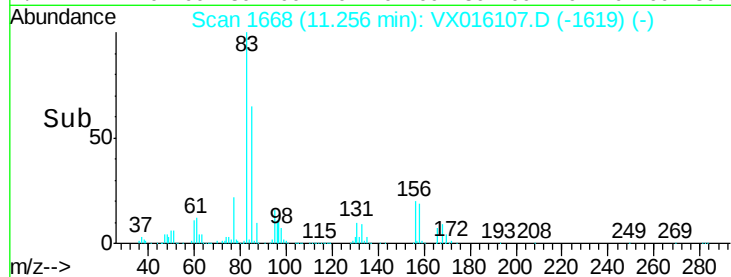
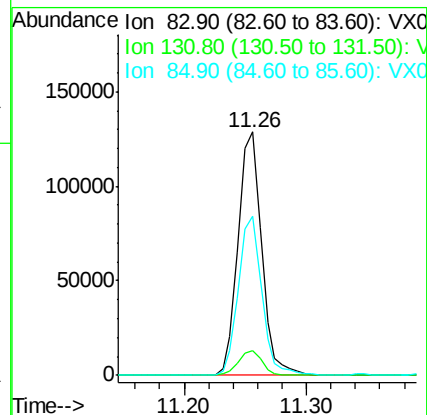
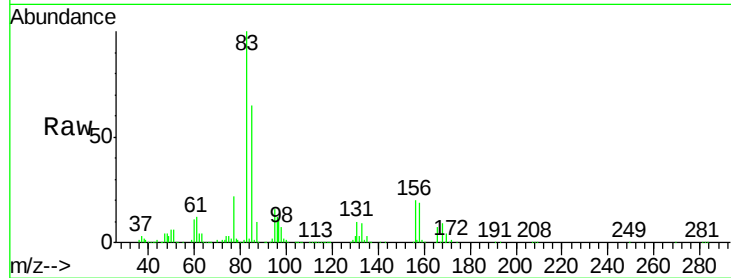
131 10.4 5.1 15.4

85 65.3 32.0 96.0

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#76

1,2,3-Trichloropropane

Concen: 47.166 ug/l m

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016107.D

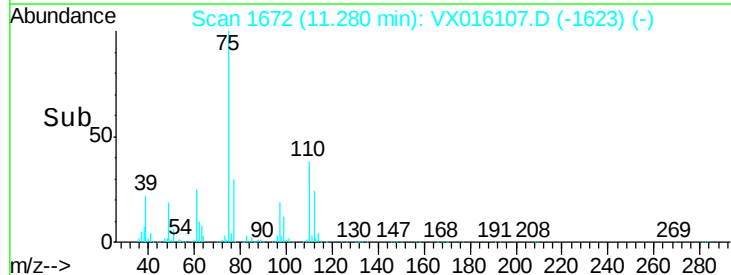
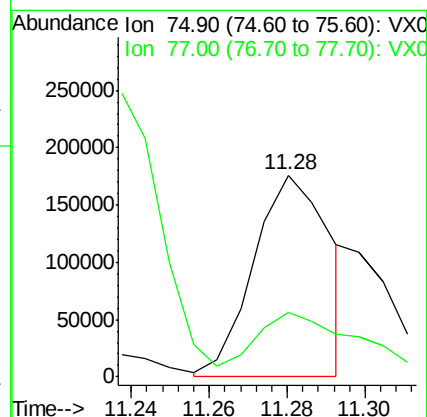
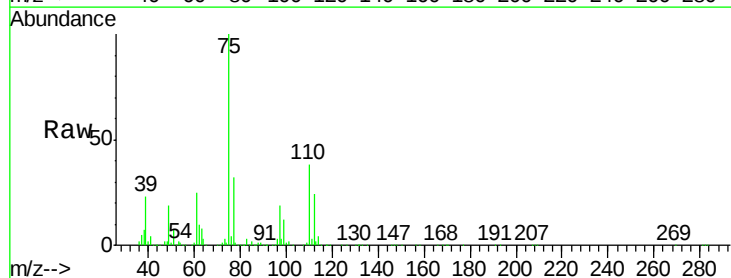
Acq: 07 May 2020 20:13

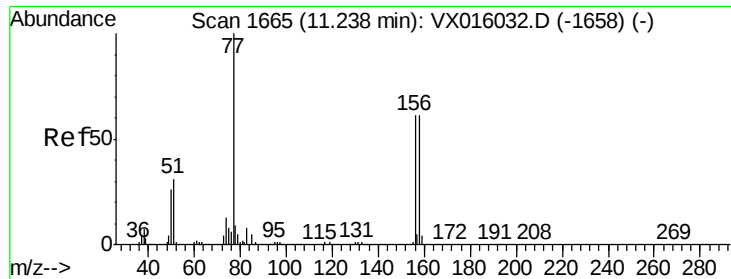
Tgt Ion: 75 Resp: 239484

Ion Ratio Lower Upper

75 100

77 43.2 21.2 63.6





#77

Bromobenzene

Concen: 46.159 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

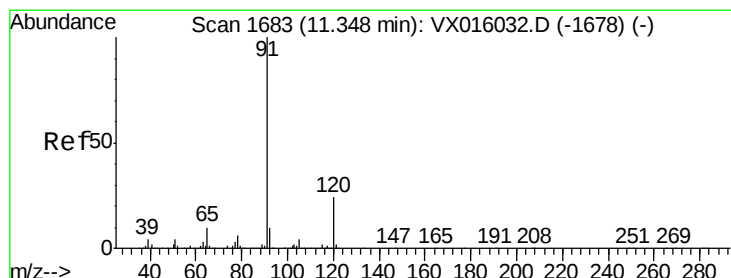
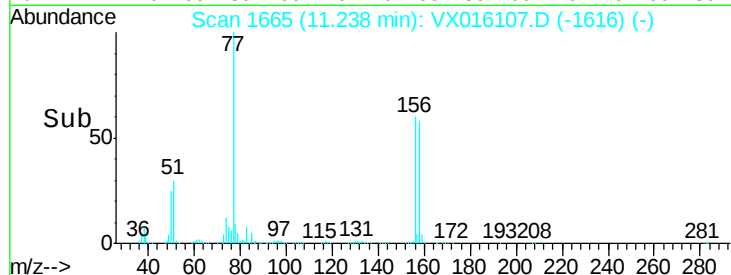
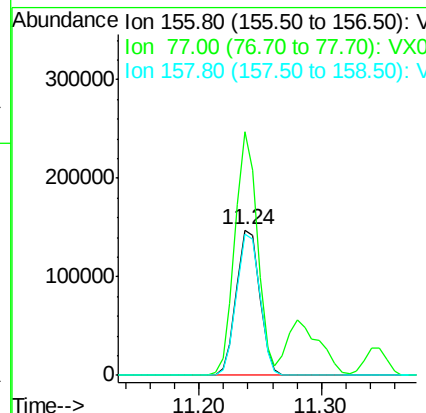
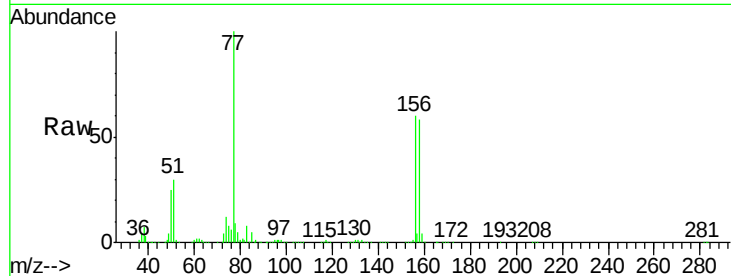
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	193899
Ion Ratio	Lower	Upper	
156	100		
77	161.8	80.1	240.3
158	97.8	49.4	148.2

Manual Integrations
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#78

n-propylbenzene

Concen: 46.838 ug/l

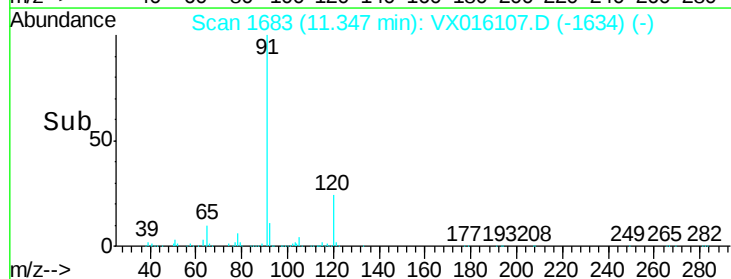
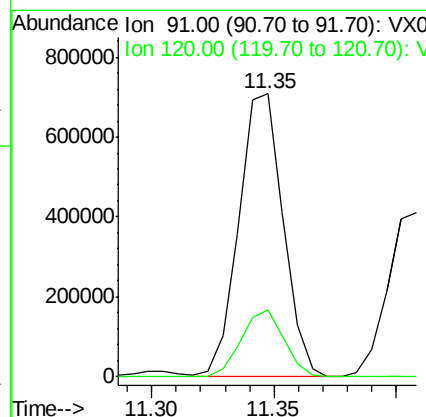
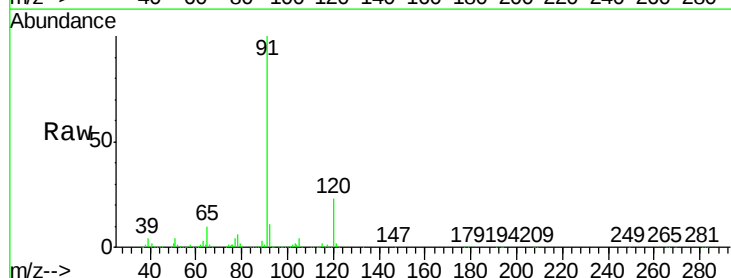
RT: 11.35 min Scan# 1683

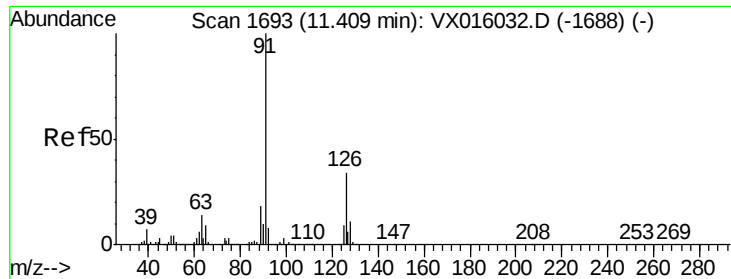
Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion:	91	Resp:	886767
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.5





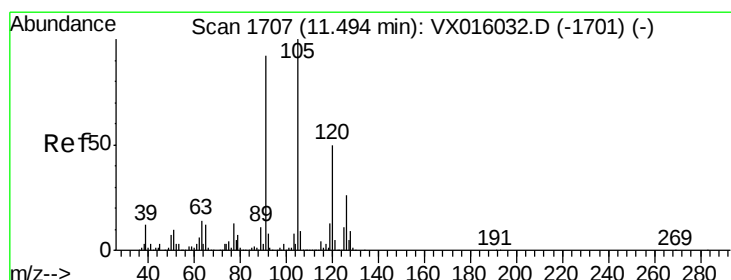
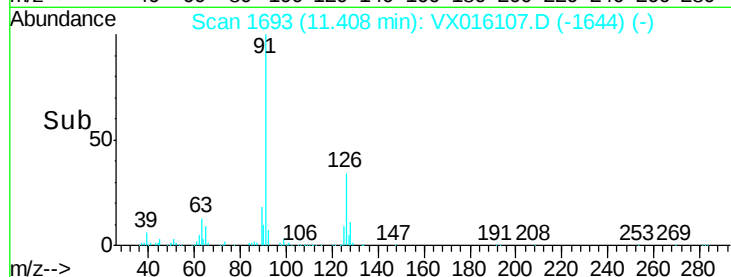
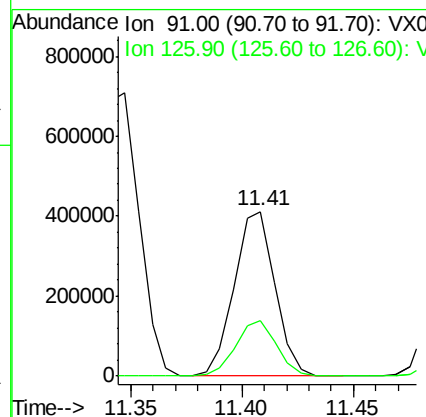
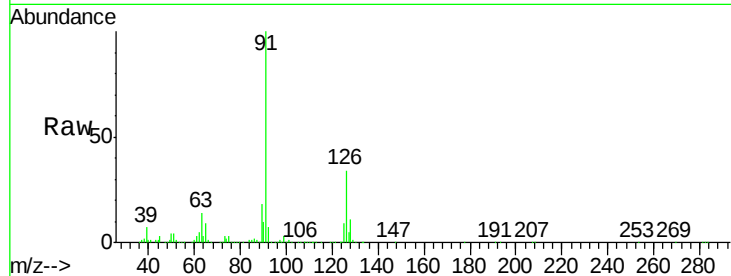
#79
 2-Chlorotoluene
 Concen: 46.857 ug/l
 RT: 11.41 min Scan# 1693
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 523652
 Ion Ratio Lower Upper
 91 100
 126 33.6 16.9 50.6

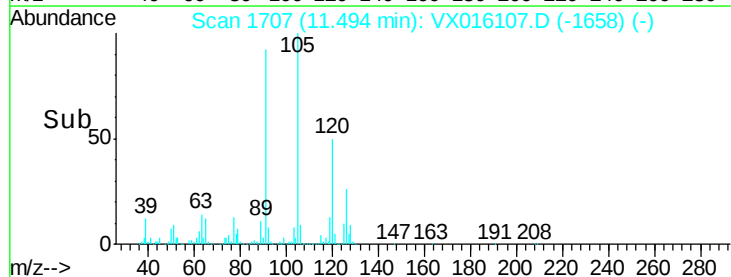
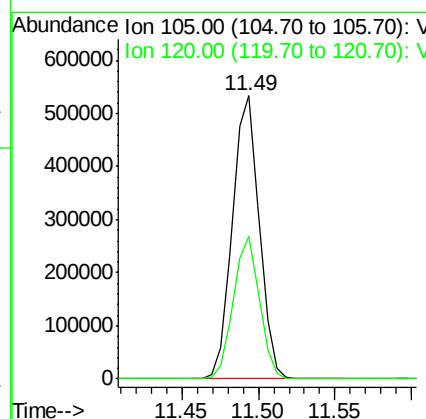
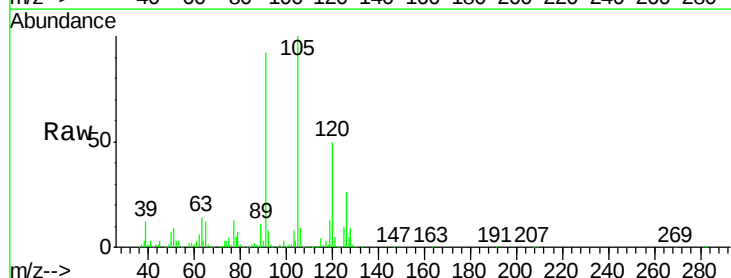
Manual Integrations
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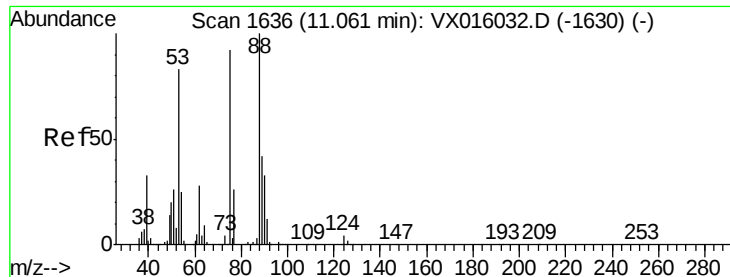
MMDadoda
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#80
 1,3,5-Trimethylbenzene
 Concen: 46.918 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Tgt Ion: 105 Resp: 644691
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 46.489 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

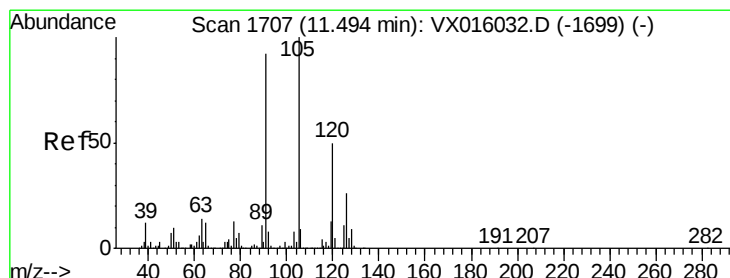
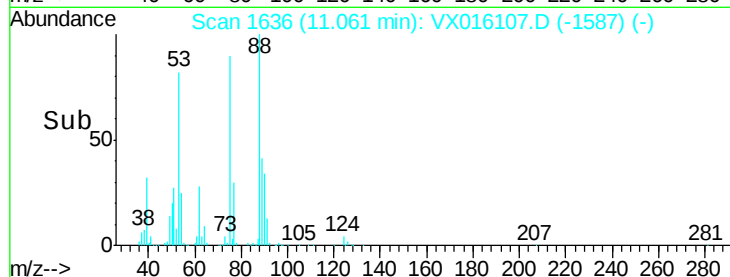
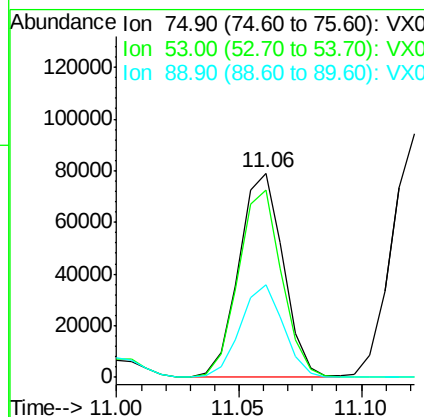
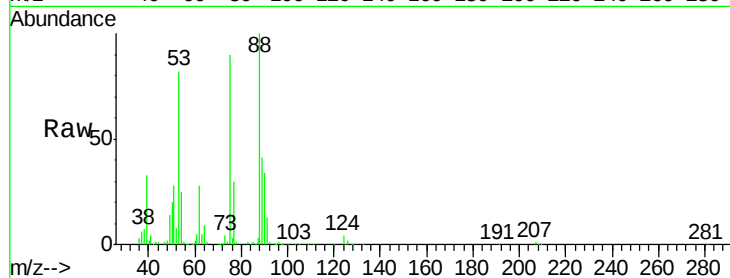
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	99051
Ion	Ratio	Lower	Upper
75	100		
53	90.5	73.1	109.7
89	44.3	36.7	55.1

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#82

4-Chlorotoluene

Concen: 46.725 ug/l

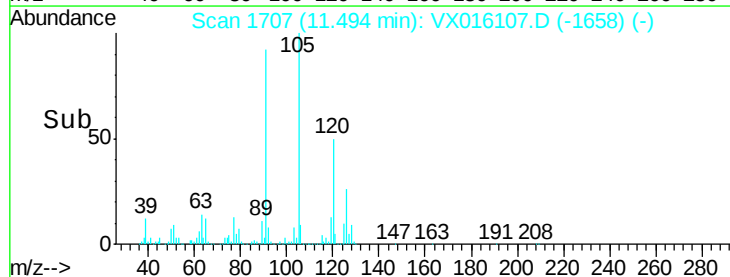
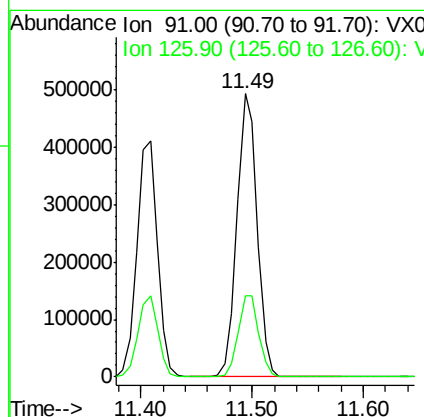
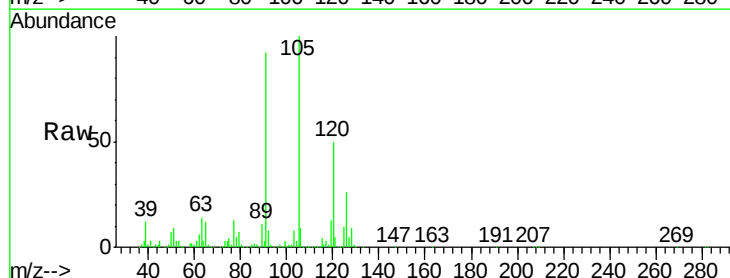
RT: 11.49 min Scan# 1707

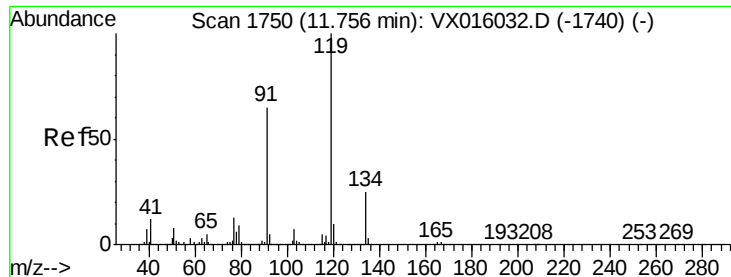
Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion:	91	Resp:	616621
Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.8	44.3





#83

tert-Butylbenzene

Concen: 47.830 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

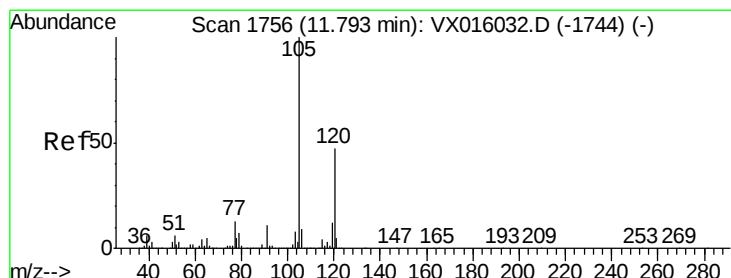
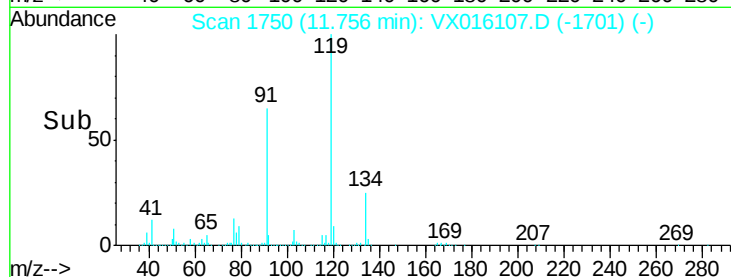
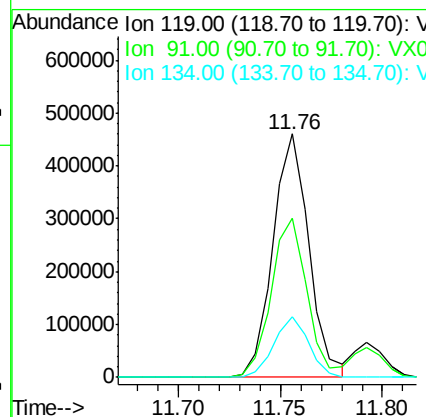
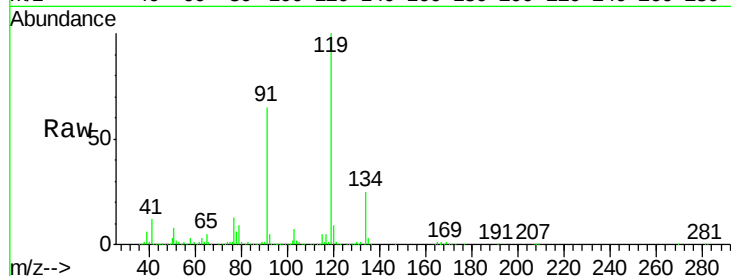
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	566398
Ion Ratio	Lower	Upper	
119	100		
91	65.7	32.8	98.4
134	24.1	12.4	37.0

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 47.492 ug/l

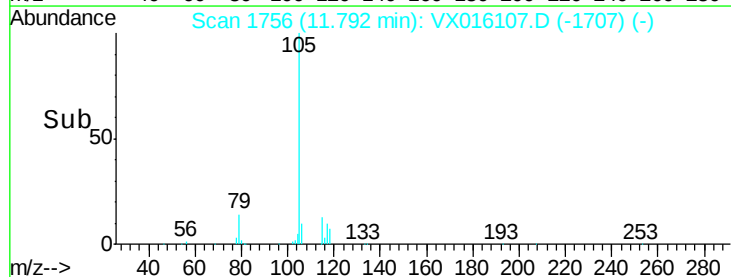
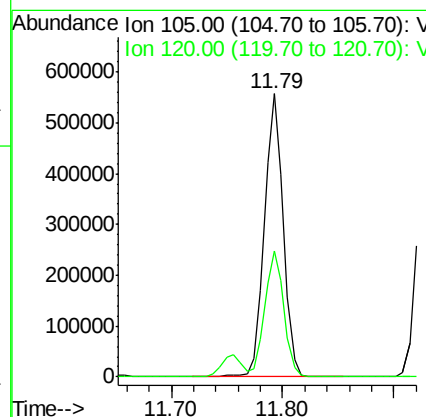
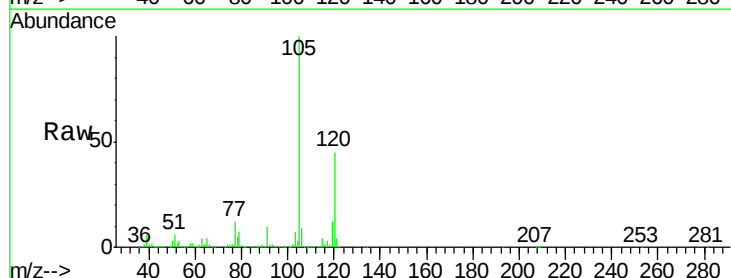
RT: 11.79 min Scan# 1756

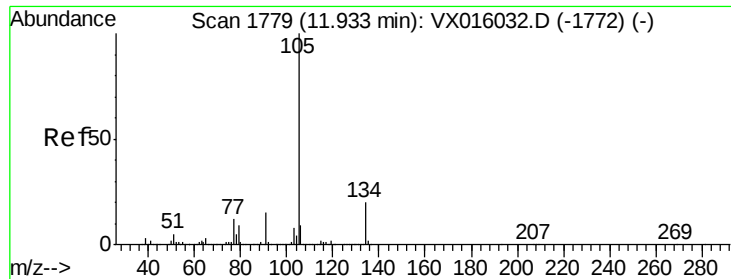
Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion:	105	Resp:	659755
Ion Ratio	Lower	Upper	
105	100		
120	44.9	23.0	69.0





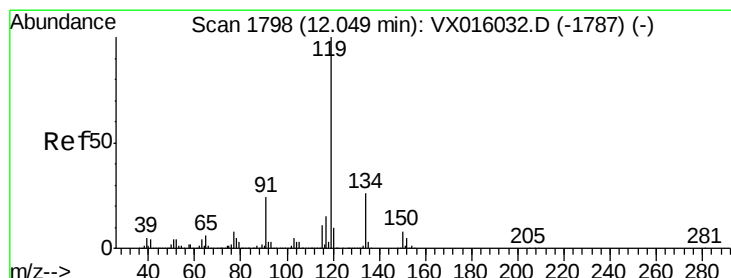
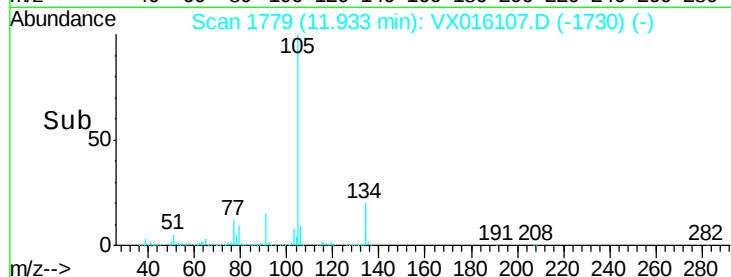
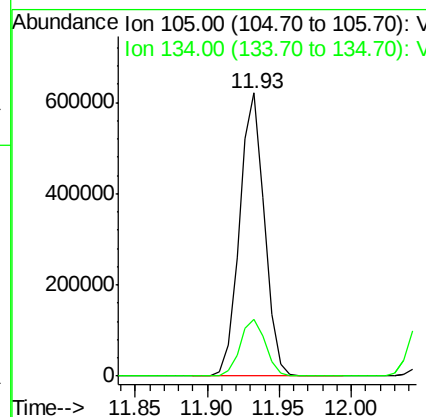
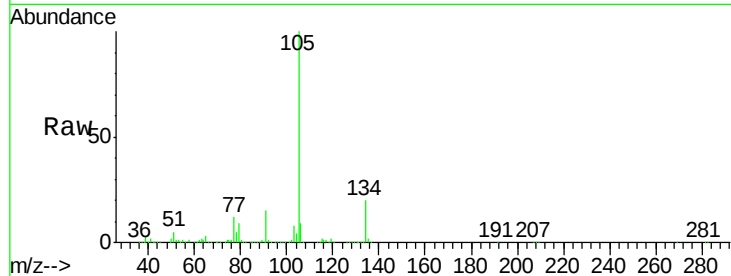
#85
 sec-Butylbenzene
 Concen: 46.477 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.6	10.1	30.3

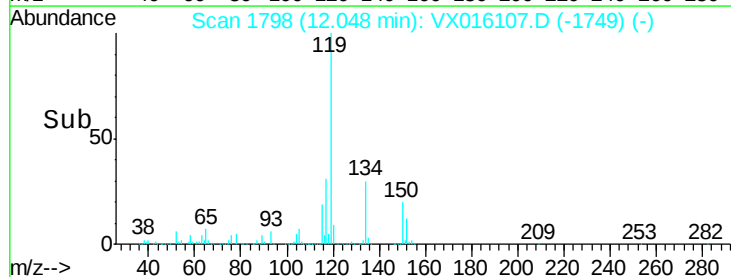
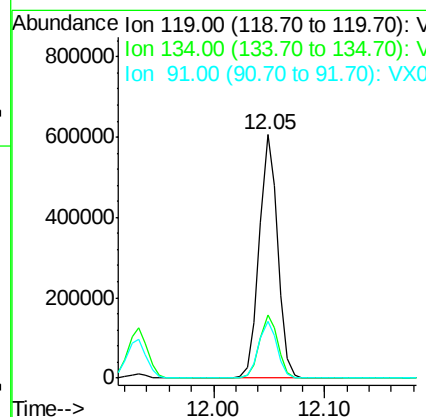
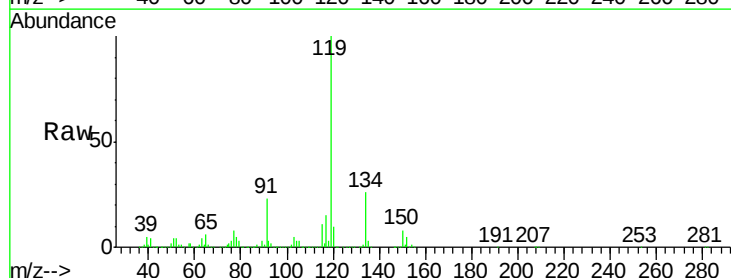
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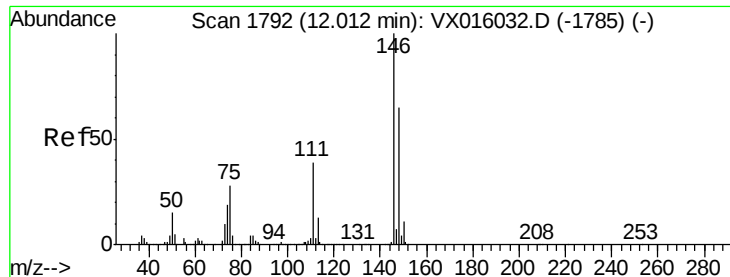
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#86
 p-Isopropyltoluene
 Concen: 46.969 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016107.D
 Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.1	13.1	39.3
91	23.4	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 44.994 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

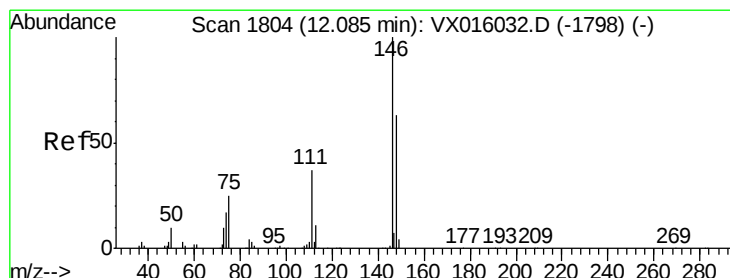
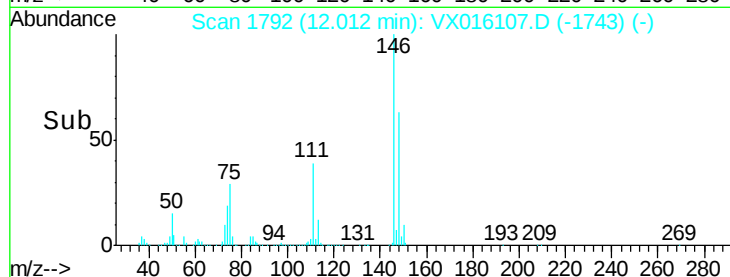
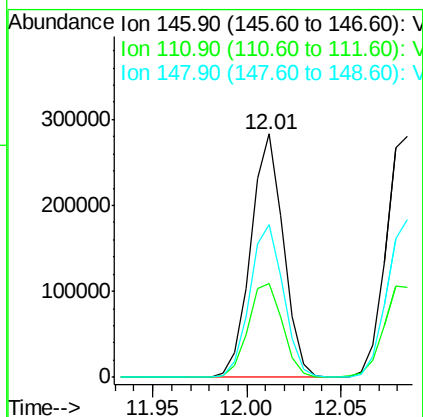
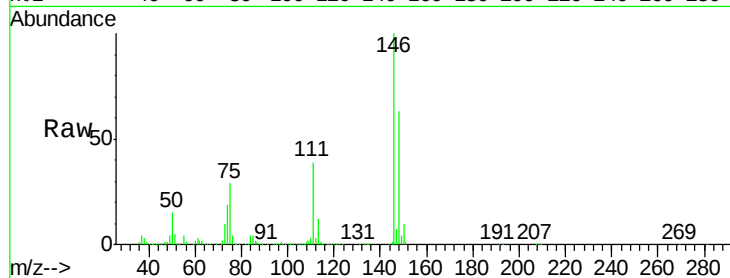
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	339368
Ion Ratio	Lower	Upper	
146	100		
111	40.9	20.2	60.6
148	64.7	32.1	96.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 45.234 ug/l

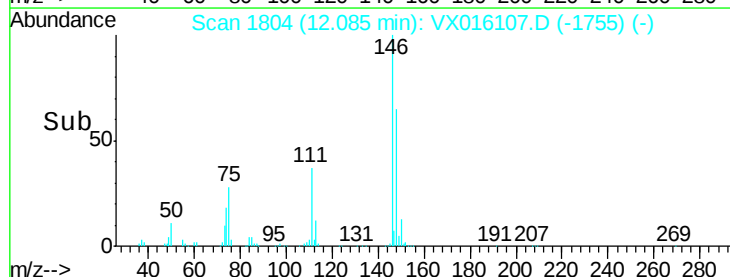
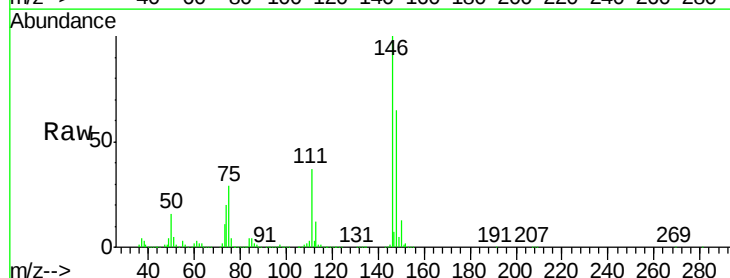
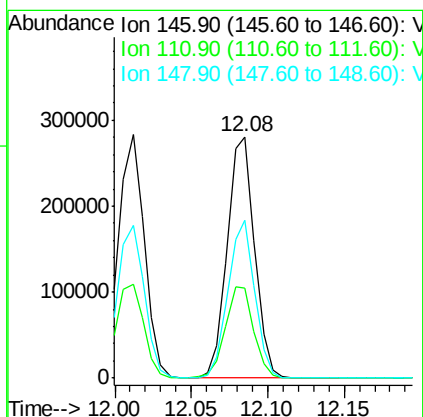
RT: 12.08 min Scan# 1804

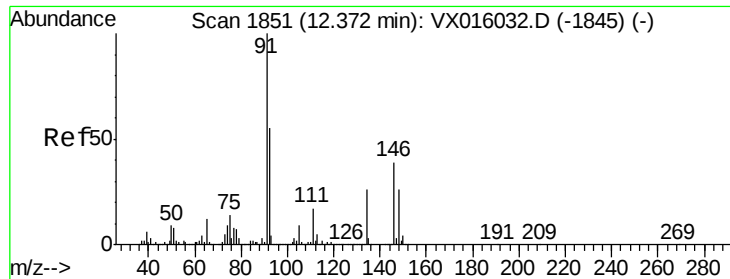
Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion:	146	Resp:	346286
Ion Ratio	Lower	Upper	
146	100		
111	39.5	19.6	58.7
148	64.0	31.8	95.3





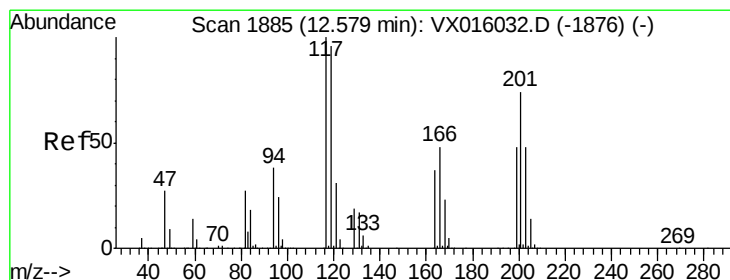
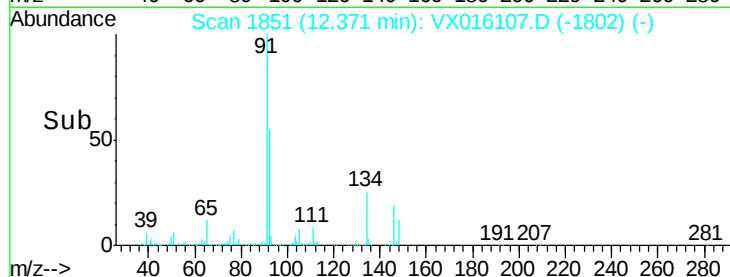
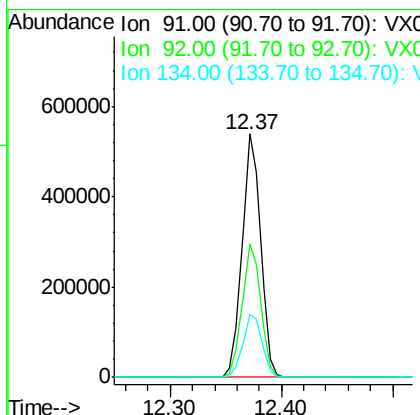
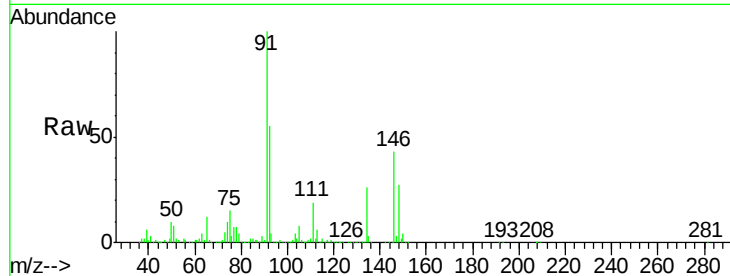
#89
n-Butylbenzene
Concen: 45.785 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	27.6	82.7
134	26.4	13.4	40.1

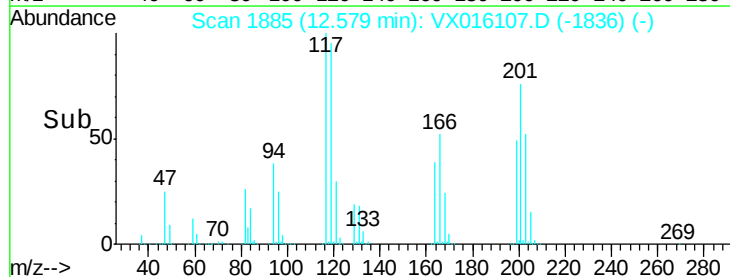
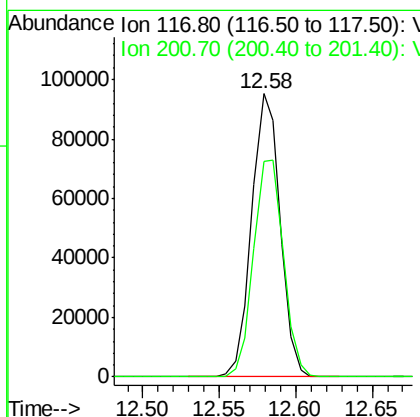
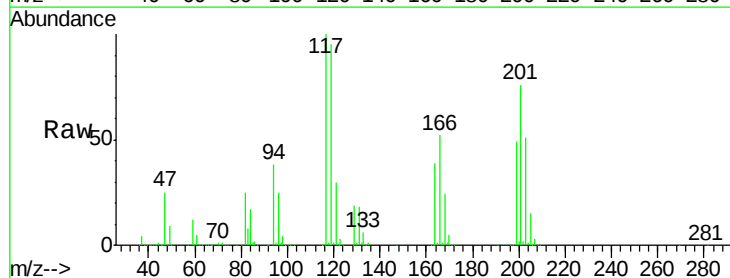
Manual Integrations
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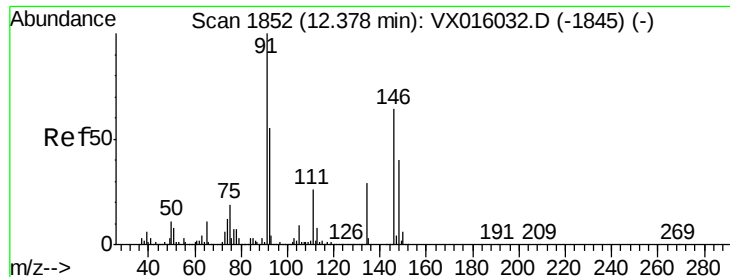
MMDadoda
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#90
Hexachloroethane
Concen: 48.388 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	80.7	39.8	119.3





#91

1,2-Dichlorobenzene

Concen: 45.979 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

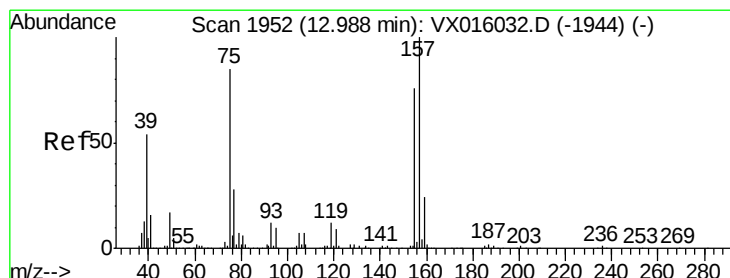
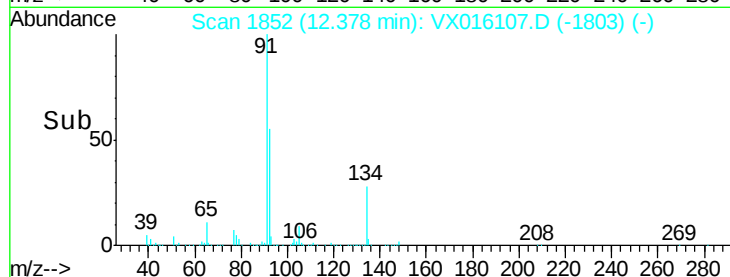
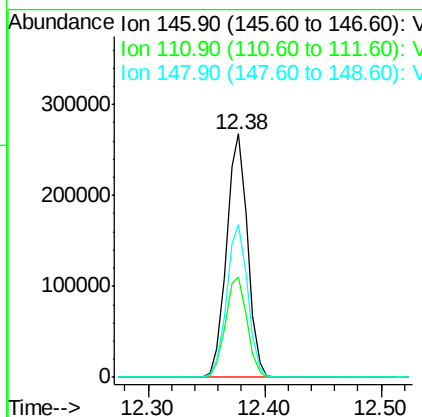
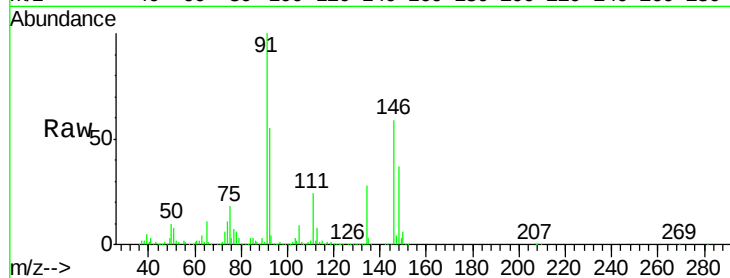
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	333930
Ion Ratio	Lower	Upper	
146	100		
111	42.3	21.1	63.1
148	63.0	32.4	97.0

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#92

1,2-Dibromo-3-Chloropropane

Concen: 46.337 ug/l

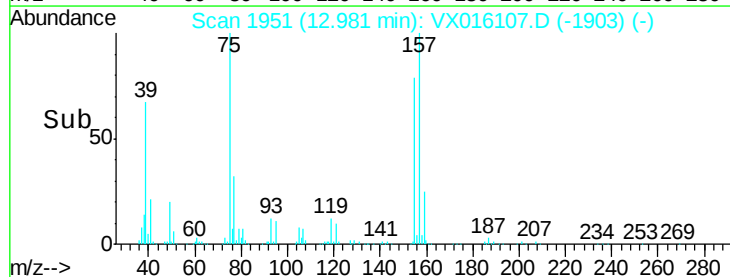
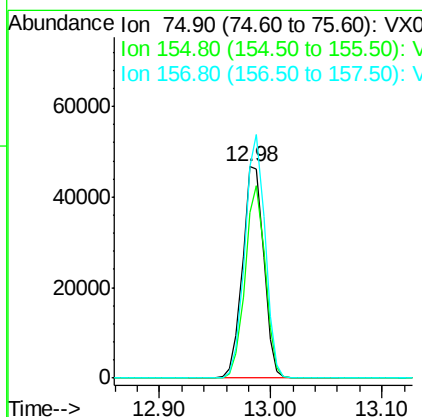
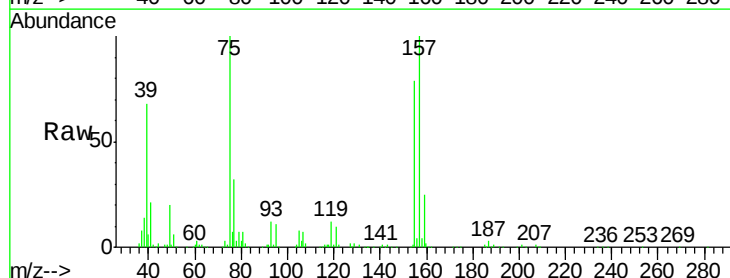
RT: 12.98 min Scan# 1951

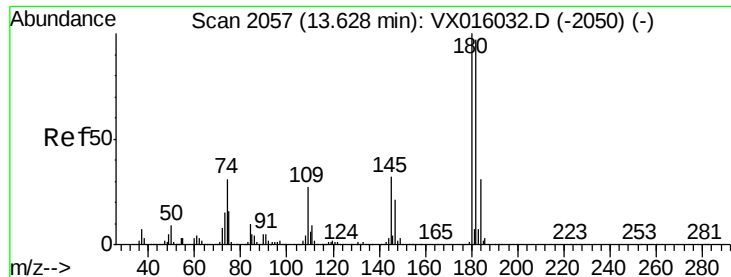
Delta R.T. -0.01 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion:	75	Resp:	62008
Ion Ratio	Lower	Upper	
75	100		
155	85.8	42.5	127.5
157	109.2	55.3	165.8





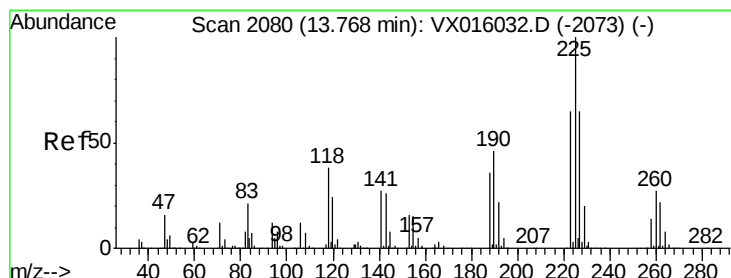
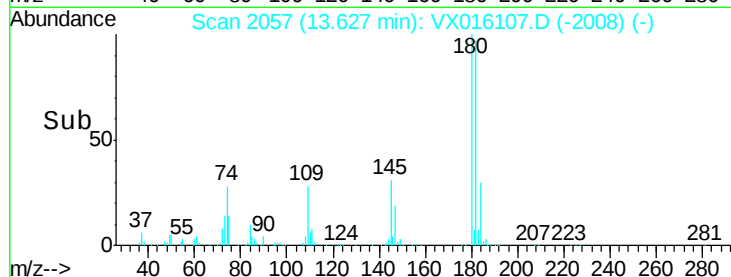
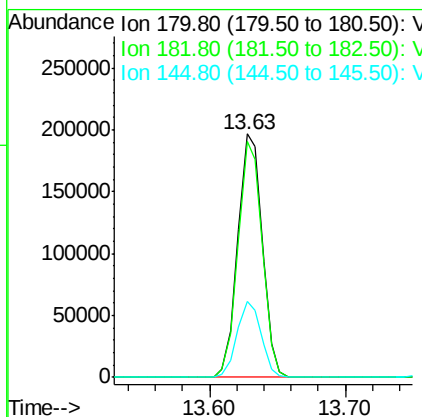
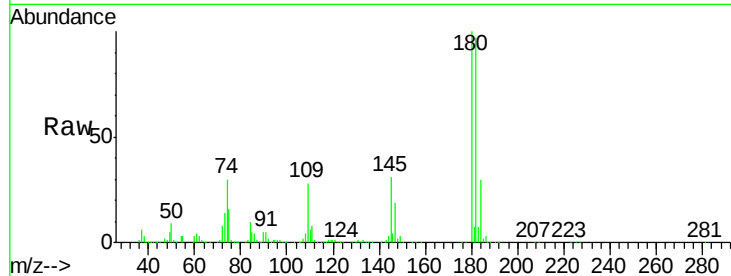
#93
1,2,4-Trichlorobenzene
Concen: 45.873 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	246658		
182	95.4	48.7	146.1	
145	30.7	15.7	47.1	

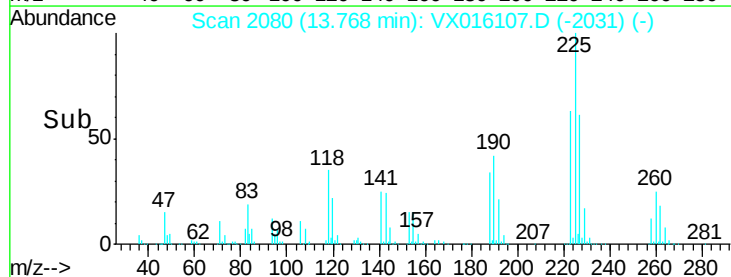
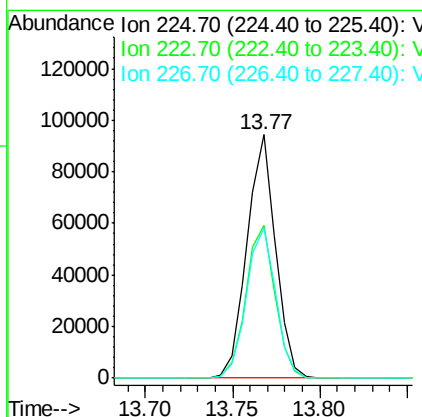
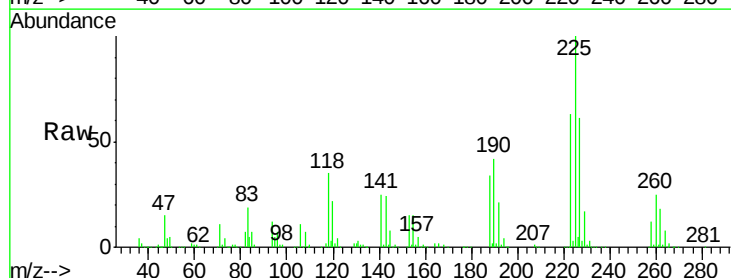
Manual Integrations
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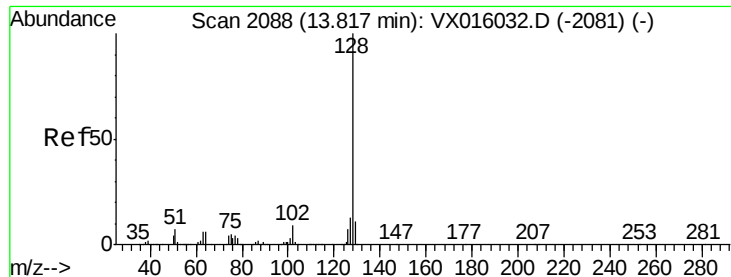
MMDadoda
5/8/2020 11:51:17 AM



#94
Hexachlorobutadiene
Concen: 46.444 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX016107.D
Acq: 07 May 2020 20:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	107447		
223	64.0	32.3	96.9	
227	63.2	31.8	95.4	





#95

Naphthalene

Concen: 47.518 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Instrument :

MSVOA_X

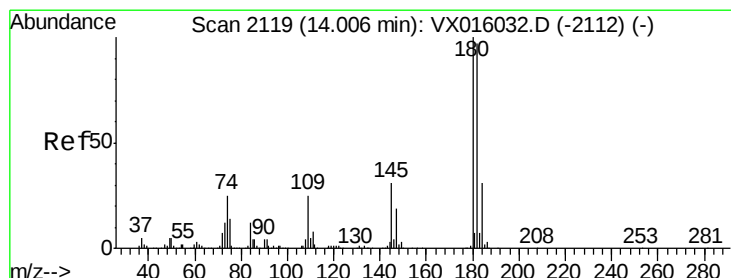
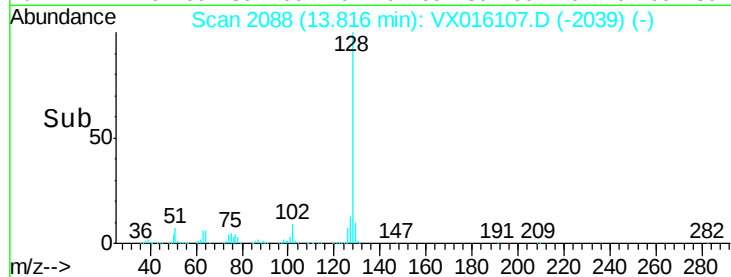
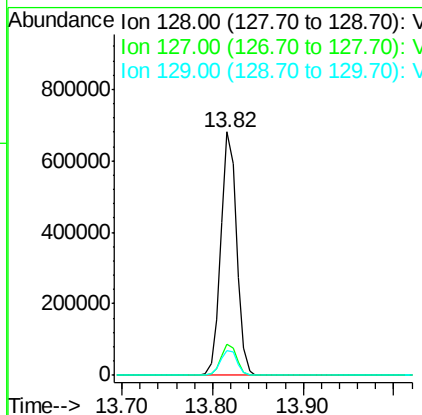
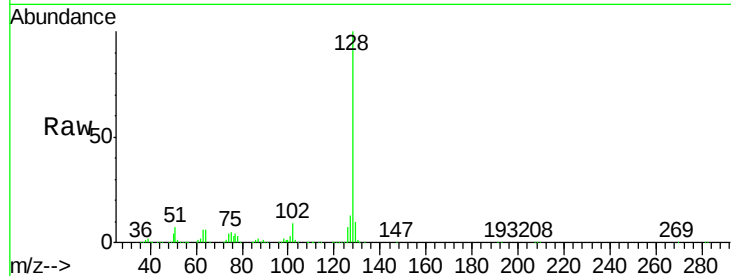
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	827323
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.2	15.4
129	10.7	8.7	13.1

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 46.368 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VX016107.D

Acq: 07 May 2020 20:13

Tgt Ion:	180	Resp:	243665
Ion Ratio	Lower	Upper	
180	100		
182	96.0	48.4	145.0
145	32.4	16.4	49.1

