

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO050520\
 Data File : VX016051.D
 Acq On : 05 May 2020 09:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:26:55 PM

Quant Time: May 06 06:13:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:10:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	340109	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	530678	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	498740	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	251228	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	197722	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	
35) Dibromofluoromethane	5.46	113	153970	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
50) Toluene-d8	8.70	98	603132	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
62) 4-Bromofluorobenzene	11.12	95	236401	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	181834	50.510	ug/l	99
3) Chloromethane	1.31	50	196244	46.940	ug/l	100
4) Vinyl Chloride	1.39	62	214753	48.146	ug/l	99
5) Bromomethane	1.62	94	112873	50.195	ug/l	97
6) Chloroethane	1.71	64	134024	49.383	ug/l	97
7) Trichlorofluoromethane	1.92	101	287706	49.131	ug/l	99
8) Diethyl Ether	2.17	74	117718	47.711	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	164910	48.812	ug/l	99
10) Methyl Iodide	2.49	142	200440	44.168	ug/l	99
11) Tert butyl alcohol	3.01	59	251297	222.046	ug/l	100
12) 1,1-Dichloroethene	2.36	96	167099	47.264	ug/l	95
13) Acrolein	2.27	56	155496	219.565	ug/l	99
14) Allyl chloride	2.70	41	314746	48.554	ug/l	99
15) Acrylonitrile	3.11	53	537979	229.143	ug/l	100
16) Acetone	2.42	43	473042	236.886	ug/l	98
17) Carbon Disulfide	2.55	76	522286	49.189	ug/l	99
18) Methyl Acetate	2.75	43	226709	46.173	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	594916	48.813	ug/l	100
20) Methylene Chloride	2.83	84	188974	45.905	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	185600	47.109	ug/l	99
22) Diisopropyl ether	3.82	45	593613	48.539	ug/l	90
23) Vinyl Acetate	3.78	43	2646566	245.978	ug/l	99
24) 1,1-Dichloroethane	3.67	63	331165	48.408	ug/l	99
25) 2-Butanone	4.63	43	735382	228.532	ug/l	99
26) 2,2-Dichloropropane	4.55	77	305327	48.870	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	206382	47.916	ug/l	100
28) Bromochloromethane	4.98	49	150583	48.272	ug/l	100
29) Tetrahydrofuran	5.09	42	488111	228.929	ug/l	100
30) Chloroform	5.17	83	326046	47.867	ug/l	98
31) Cyclohexane	5.54	56	309584	49.794	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	297200	48.001	ug/l	99
36) 1,1-Dichloropropene	5.77	75	258751	49.533	ug/l	98
37) Ethyl Acetate	4.79	43	290224	47.935	ug/l	99
38) Carbon Tetrachloride	5.75	117	265736	50.048	ug/l	97

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Manual Integrations
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MMDadoda
 5/6/2020 12:26:55 PM

Quant Time: May 06 06:13:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:10:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	321982	51.183	ug/l	100
40) Benzene	6.11	78	749123	49.012	ug/l	99
41) Methacrylonitrile	5.00	41	159925	48.911	ug/l	99
42) 1,2-Dichloroethane	6.16	62	266018	48.314	ug/l	100
43) Isopropyl Acetate	6.41	43	468554	48.504	ug/l	100
44) Trichloroethene	7.19	130	270889	49.887	ug/l	97
45) 1,2-Dichloropropane	7.49	63	192678	49.820	ug/l	99
46) Dibromomethane	7.63	93	127364	48.460	ug/l	99
47) Bromodichloromethane	7.87	83	266663	49.817	ug/l	99
48) Methyl methacrylate	7.74	41	221332	48.353	ug/l	100
49) 1,4-Dioxane	7.71	88	102329	932.106	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1429430	241.806	ug/l	100
52) Toluene	8.76	92	475610	49.922	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	316682	49.620	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	329459	49.422	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	185169	49.401	ug/l	99
56) Ethyl methacrylate	9.16	69	310383	50.729	ug/l	99
57) 1,3-Dichloropropane	9.35	76	323511	49.463	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	831649	255.319	ug/l	99
59) 2-Hexanone	9.47	43	1125948	242.535	ug/l	100
60) Dibromochloromethane	9.57	129	212146	51.389	ug/l	99
61) 1,2-Dibromoethane	9.65	107	202195	49.801	ug/l	99
64) Tetrachloroethene	9.32	164	299575	48.929	ug/l	98
65) Chlorobenzene	10.12	112	507431	48.590	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	190460	49.344	ug/l	99
67) Ethyl Benzene	10.23	91	920266	49.389	ug/l	99
68) m/p-Xylenes	10.34	106	699246	100.163	ug/l	100
69) o-Xylene	10.68	106	332780	49.591	ug/l	100
70) Styrene	10.70	104	573434	50.370	ug/l	100
71) Bromoform	10.84	173	156971	49.916	ug/l #	99
73) Isopropylbenzene	11.00	105	899762	49.240	ug/l	100
74) N-amyl acetate	10.88	43	407530	47.814	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	147019	41.961	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	276081m	48.427	ug/l	
77) Bromobenzene	11.24	156	225740	47.862	ug/l	99
78) n-propylbenzene	11.34	91	1059369	49.835	ug/l	99
79) 2-Chlorotoluene	11.40	91	610410	48.647	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	763853	49.510	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	115594	48.320	ug/l #	92
82) 4-Chlorotoluene	11.49	91	724037	48.864	ug/l	99
83) tert-Butylbenzene	11.76	119	656953	49.410	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	771470	49.460	ug/l	100
85) sec-Butylbenzene	11.93	105	900101	50.139	ug/l	100
86) p-Isopropyltoluene	12.05	119	832479	49.946	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	405525	47.885	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	408245	47.495	ug/l	99
89) n-Butylbenzene	12.37	91	771422	50.662	ug/l	99
90) Hexachloroethane	12.58	117	145506	50.832	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	390530	47.891	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	66612	44.333	ug/l	100

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VSTDCCC050

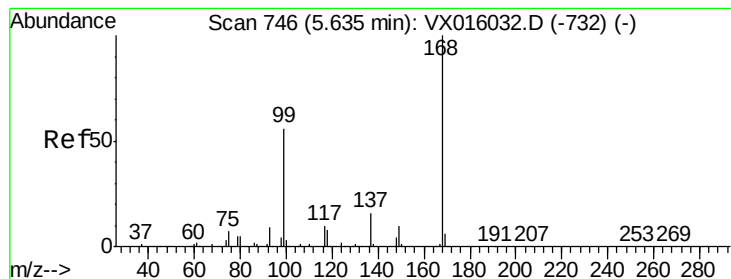
Manual Integrations
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5/6/2020 12:26:55 PM

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:10:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	298357	49.419	ug/l	96
94) Hexachlorobutadiene	13.77	225	135187	51.981	ug/l	99
95) Naphthalene	13.82	128	926571	47.398	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	283020	47.967	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:168 Resp: 340109

Ion Ratio Lower Upper

168 100

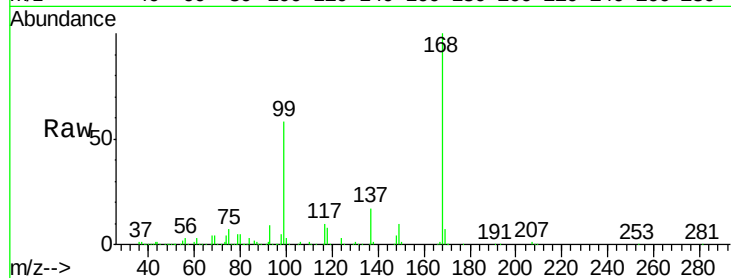
99 57.4 45.0 67.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

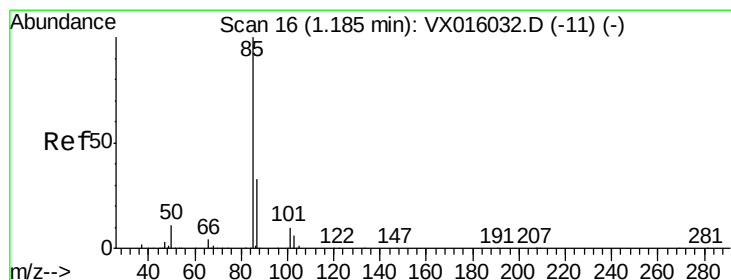
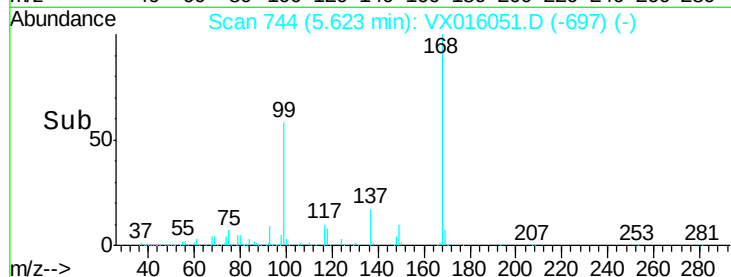
5.62

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.510 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016051.D

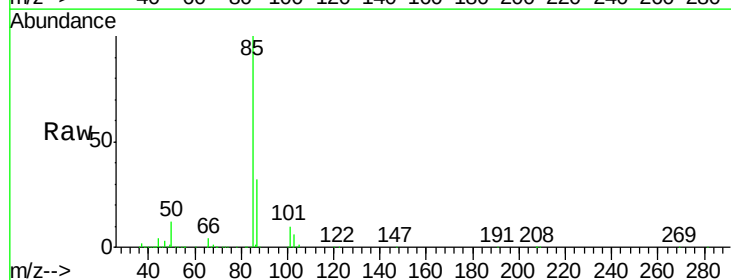
Acq: 05 May 2020 09:58

Tgt Ion: 85 Resp: 181834

Ion Ratio Lower Upper

85 100

87 32.2 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

200000

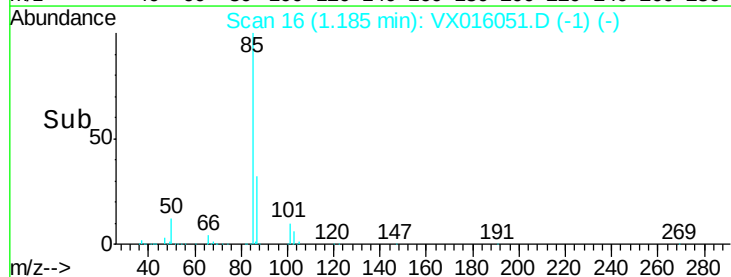
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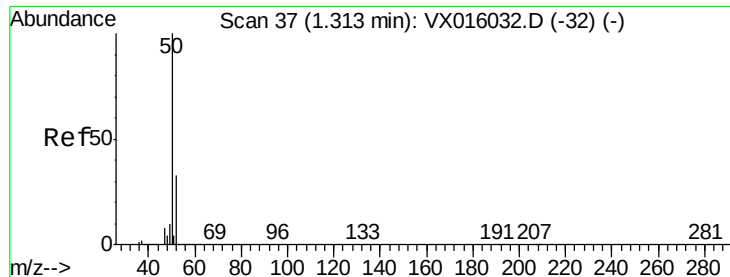
100000

50000

0

Time-->





#3

Chloromethane

Concen: 46.940 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 196244

Ion Ratio Lower Upper

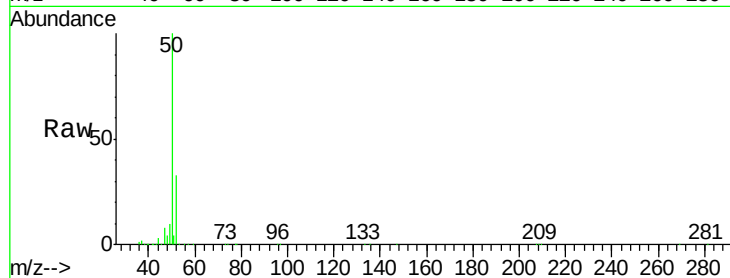
50 100

52 32.7 26.1 39.1

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

200000

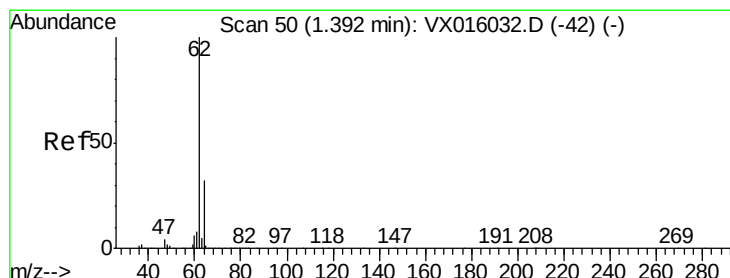
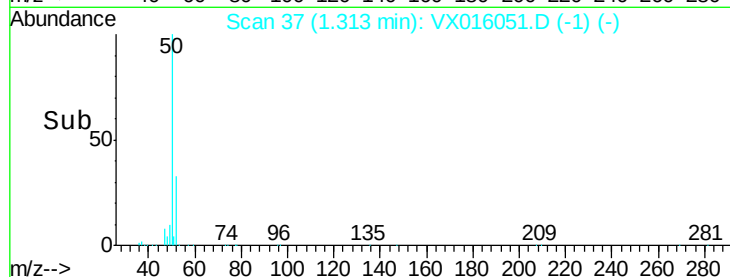
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 48.146 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016051.D

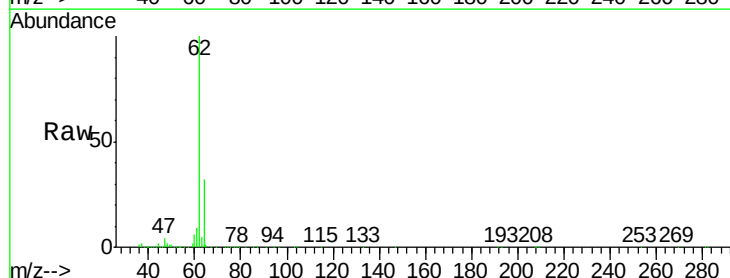
Acq: 05 May 2020 09:58

Tgt Ion: 62 Resp: 214753

Ion Ratio Lower Upper

62 100

64 31.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

250000

200000

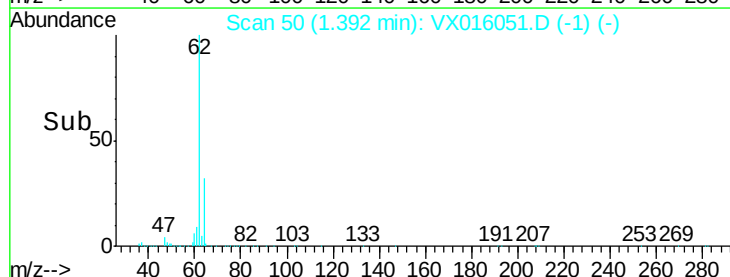
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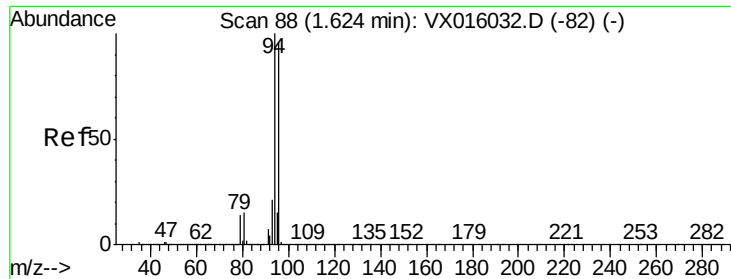
100000

50000

0

Time-->





#5

Bromomethane

Concen: 50.195 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 112873

Ion Ratio Lower Upper

94 100

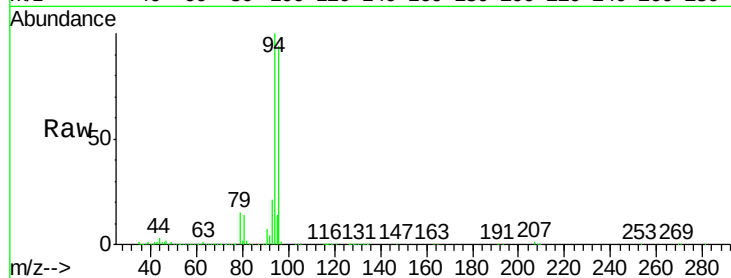
96 93.4 76.9 115.3

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

120000

100000

80000

60000

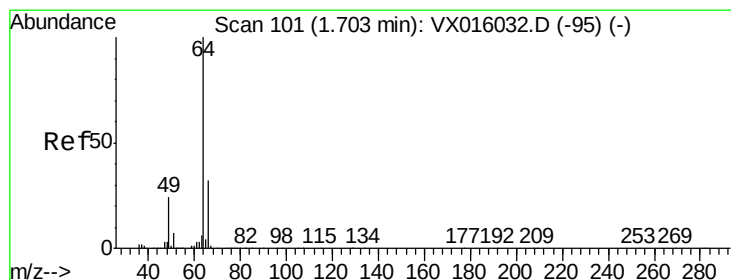
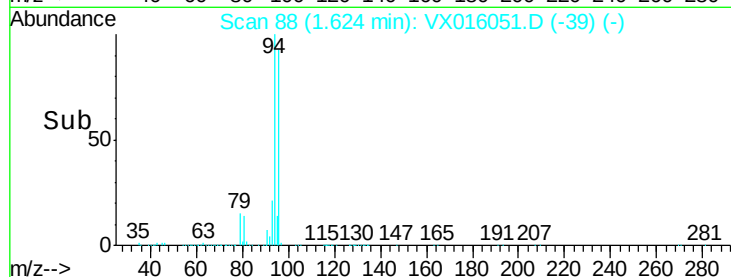
40000

20000

0

1.60 1.65

Time-->



#6

Chloroethane

Concen: 49.383 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX016051.D

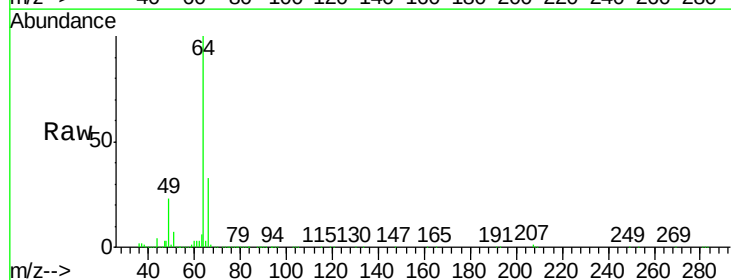
Acq: 05 May 2020 09:58

Tgt Ion: 64 Resp: 134024

Ion Ratio Lower Upper

64 100

66 33.0 25.2 37.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

120000

100000

80000

60000

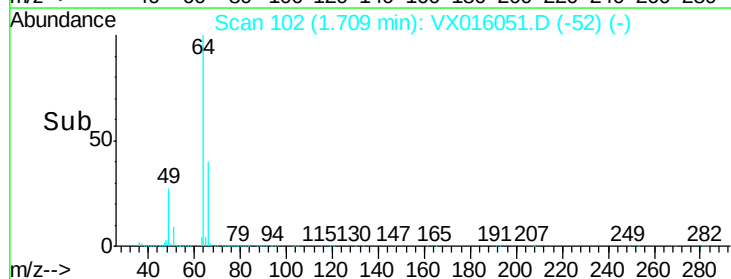
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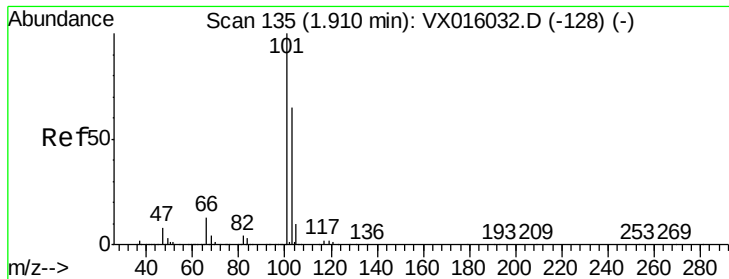
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0

1.60 1.65 1.70 1.75 1.80

Time-->





#7

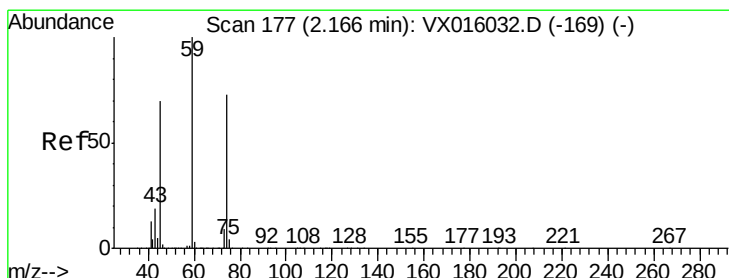
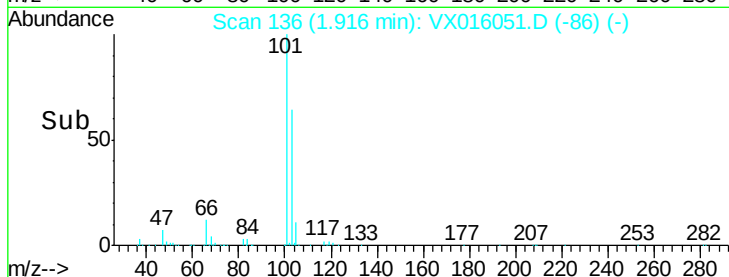
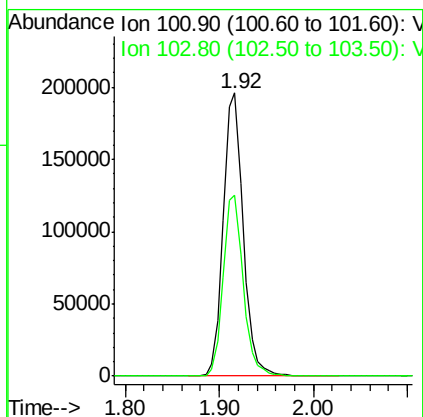
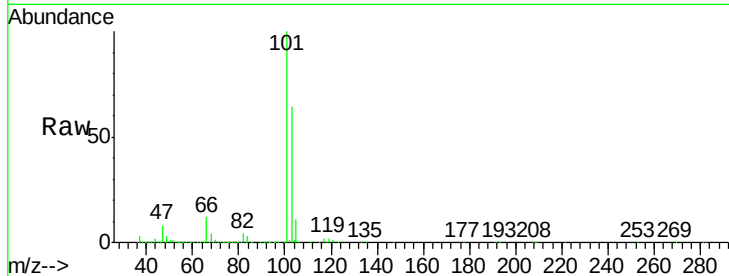
Trichlorofluoromethane
Concen: 49.131 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.8	77.6

Manual Integrations
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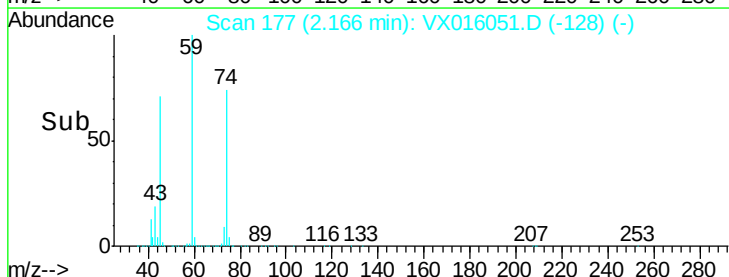
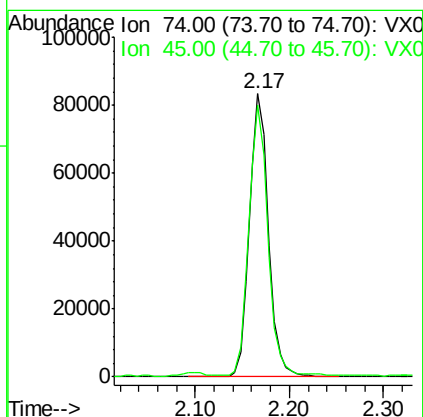
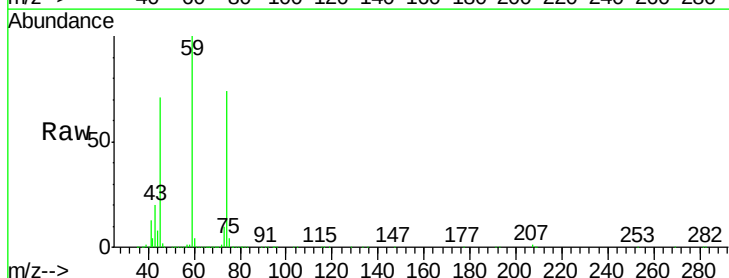
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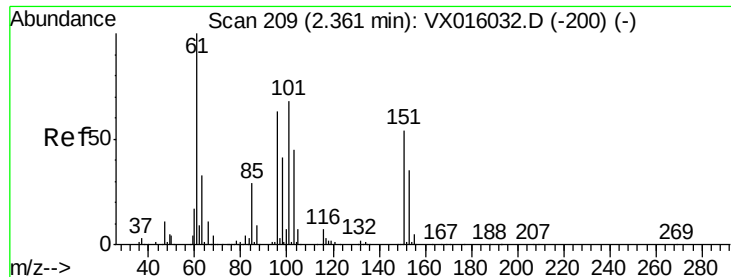


#8

Diethyl Ether
Concen: 47.711 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	95.7	47.3	142.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.812 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

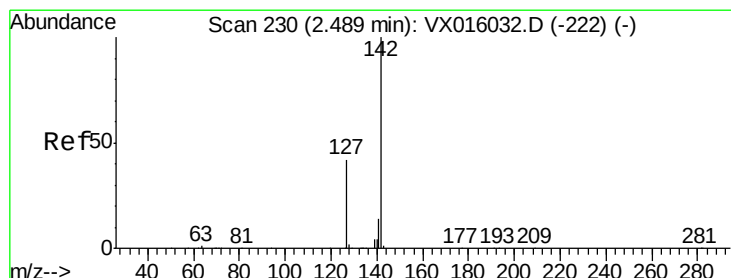
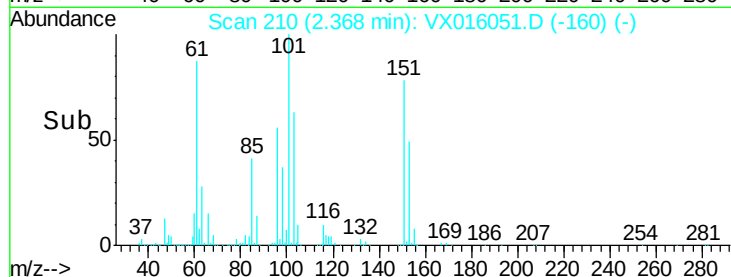
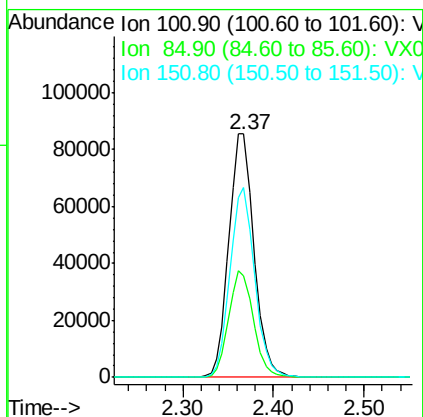
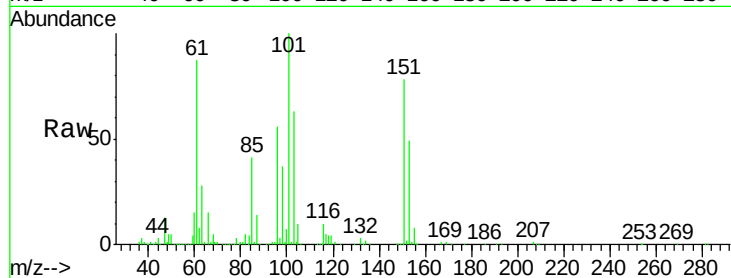
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	164910
Ion Ratio	Lower	Upper	
101	100		
85	43.2	34.2	51.4
151	76.7	62.1	93.1

Manual Integrations
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#10

Methyl Iodide

Concen: 44.168 ug/l

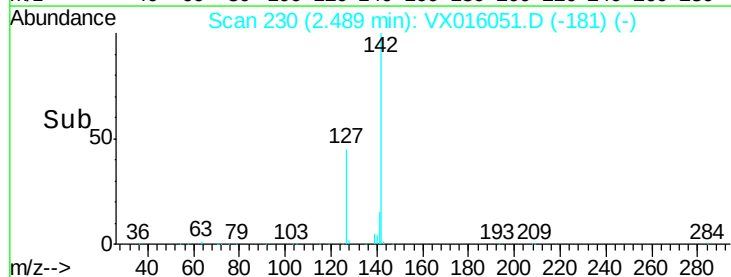
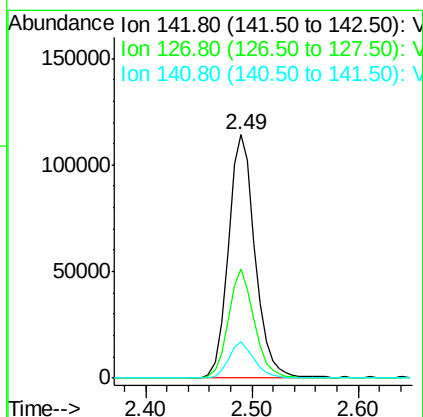
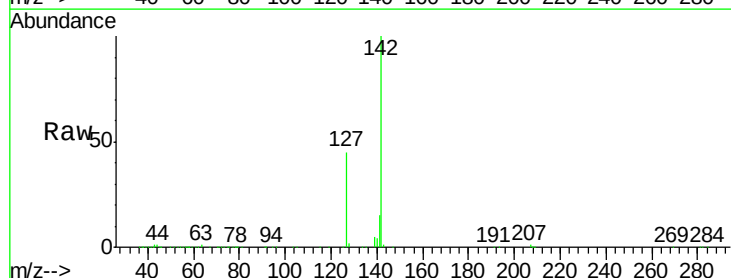
RT: 2.49 min Scan# 230

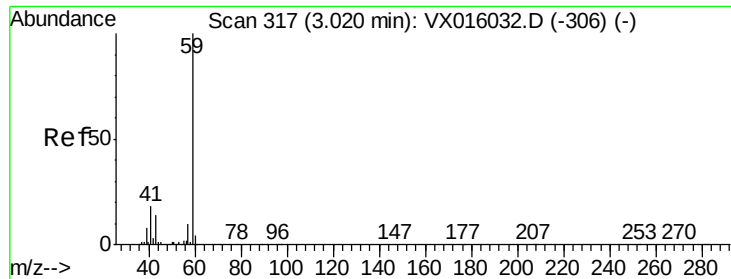
Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Tgt Ion:	142	Resp:	200440
Ion Ratio	Lower	Upper	
142	100		
127	43.7	34.6	52.0
141	14.3	11.3	16.9





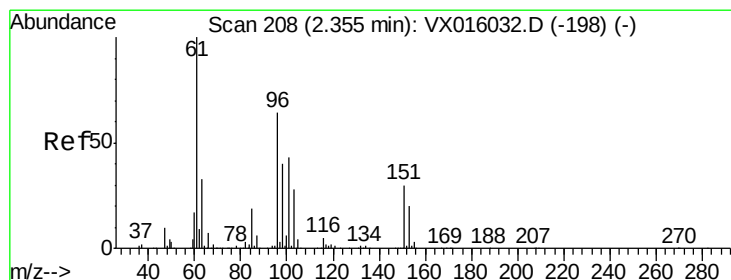
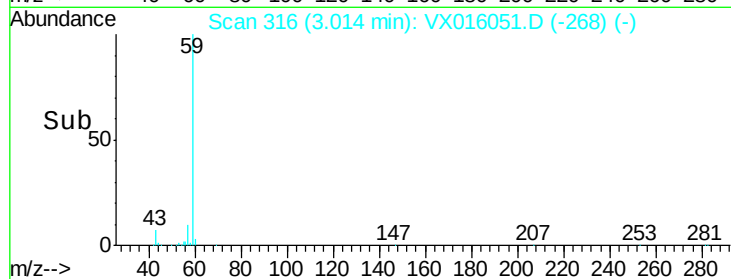
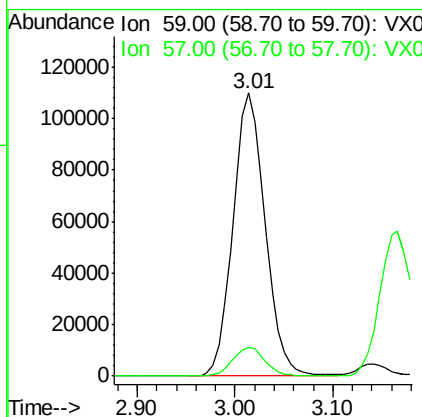
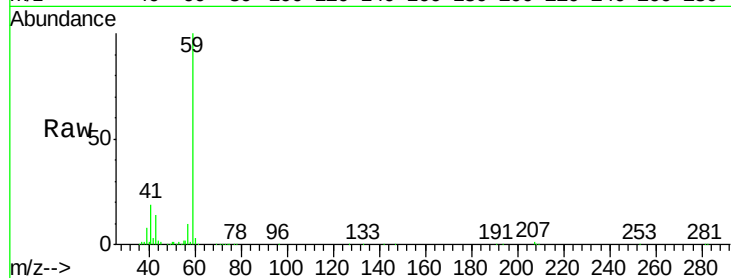
#11
Tert butyl alcohol
Concen: 222.046 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.2	12.4

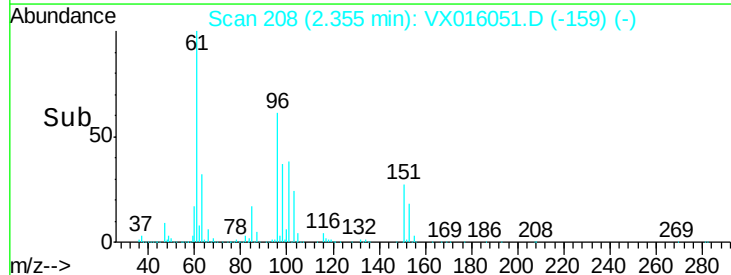
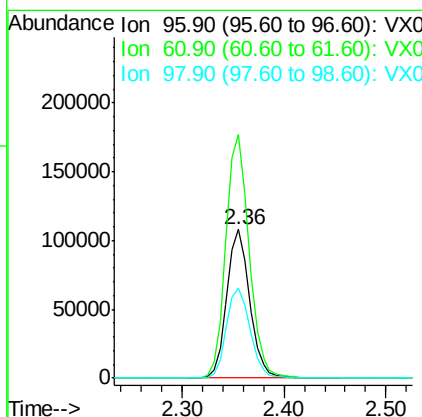
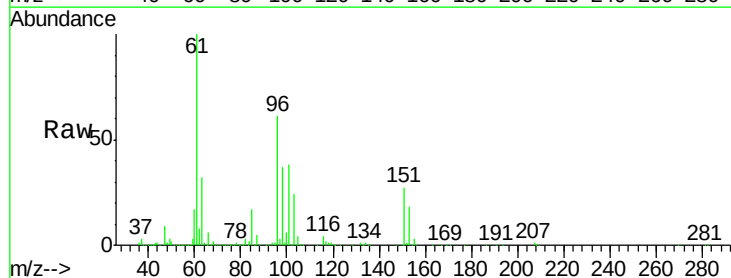
Manual Integrations
APPROVED

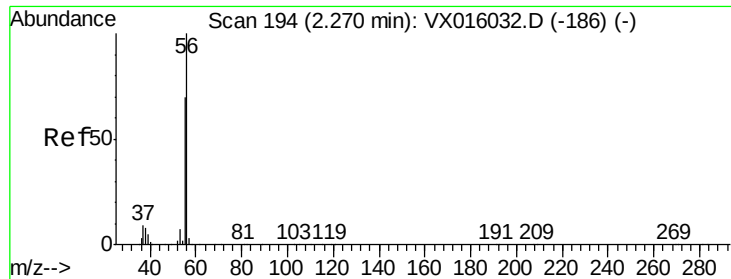
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.264 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	163.9	124.8	187.2
98	61.0	49.7	74.5





#13

Acrolein

Concen: 219.565 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 155496

Ion Ratio Lower Upper

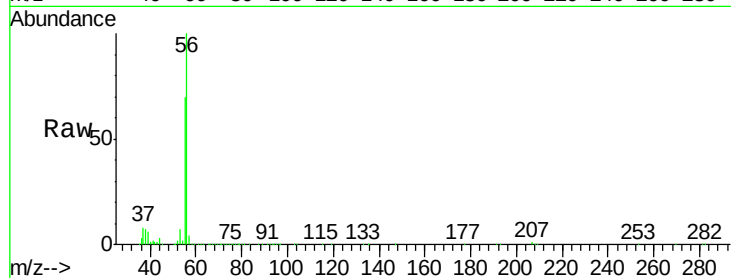
56 100

55 71.1 56.5 84.7

Manual Integrations
APPROVED

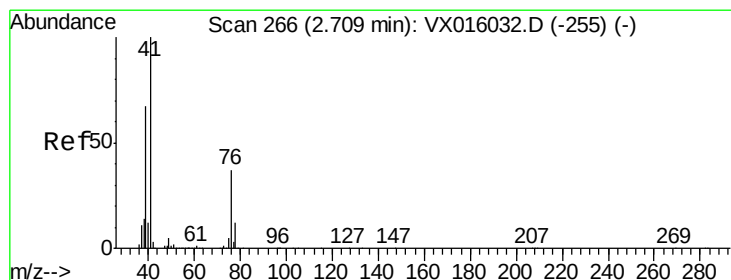
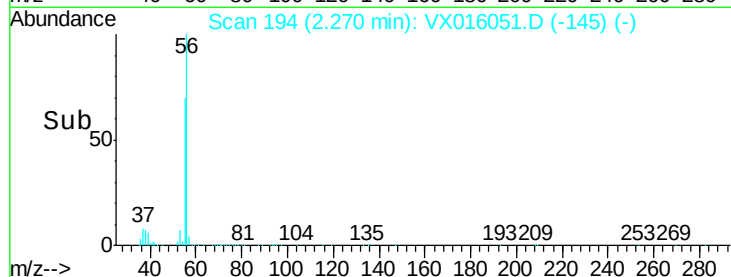
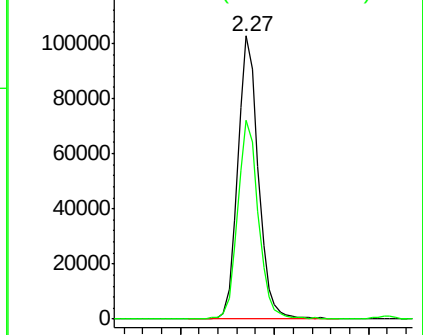
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 48.554 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

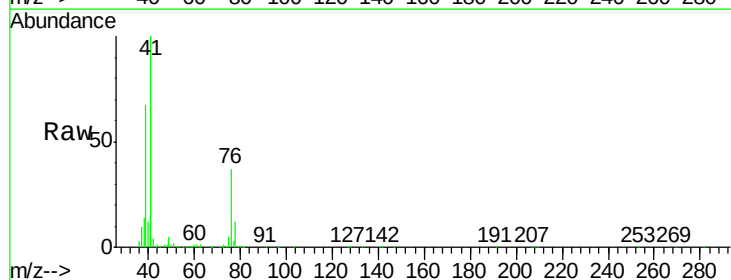
Tgt Ion: 41 Resp: 314746

Ion Ratio Lower Upper

41 100

39 62.5 50.5 75.7

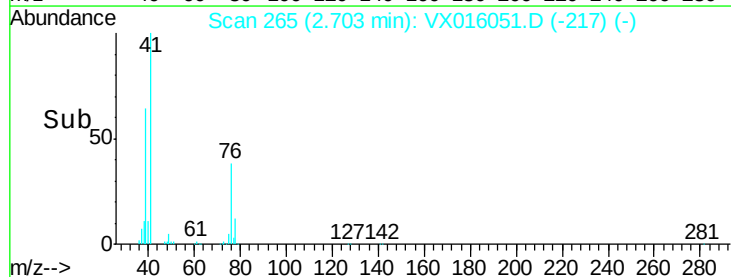
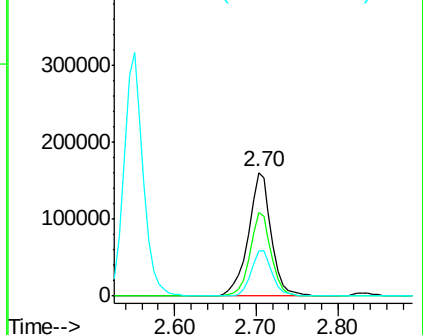
76 33.6 26.6 40.0

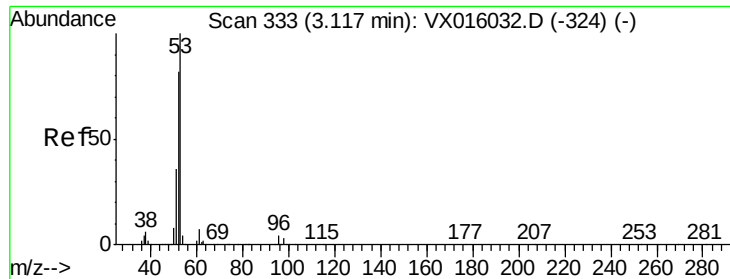


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 229.143 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

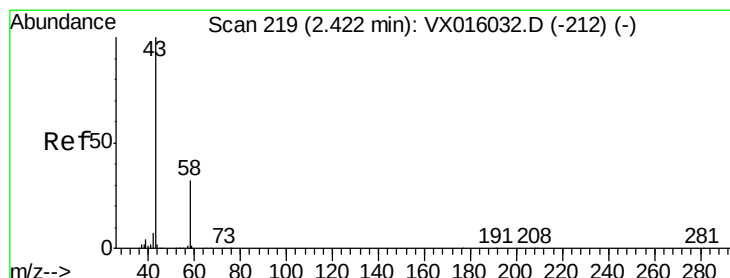
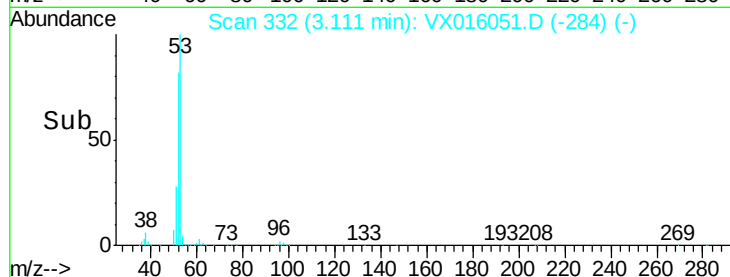
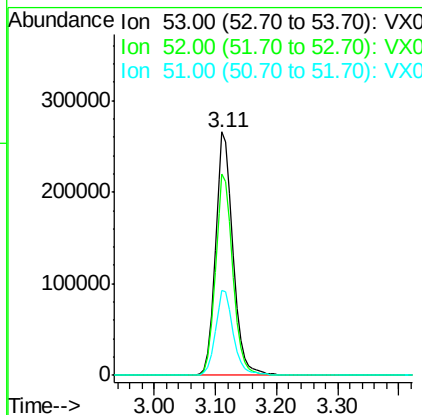
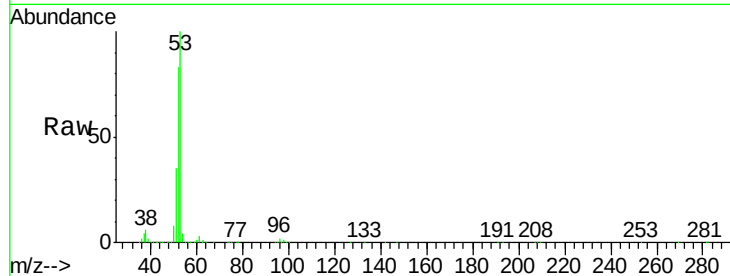
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	537979
Ion	Ratio	Lower	Upper
53	100		
52	82.2	66.1	99.1
51	35.7	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 236.886 ug/l

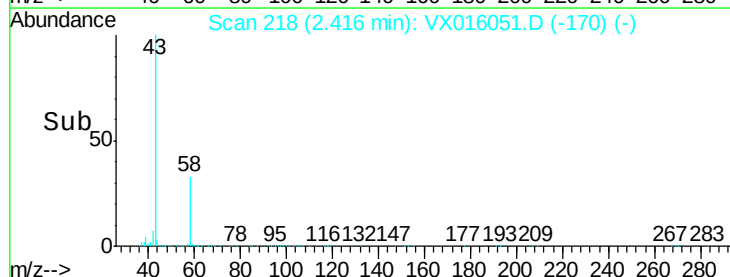
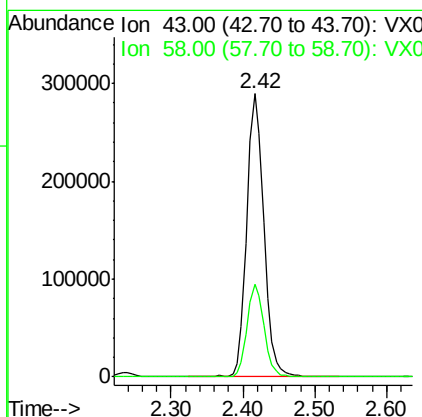
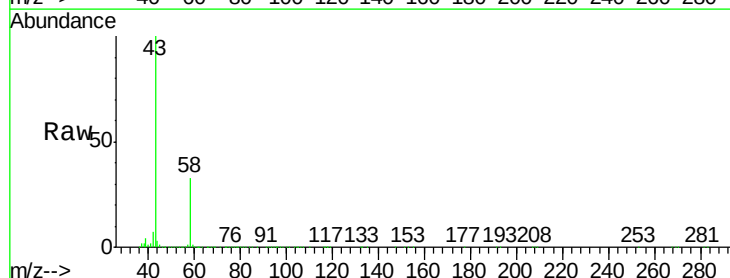
RT: 2.42 min Scan# 218

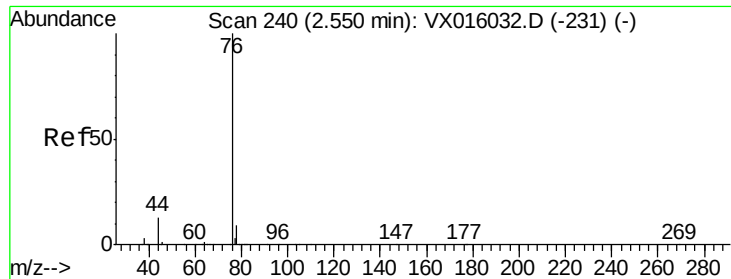
Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Tgt Ion:	43	Resp:	473042
Ion	Ratio	Lower	Upper
43	100		
58	32.8	25.4	38.0





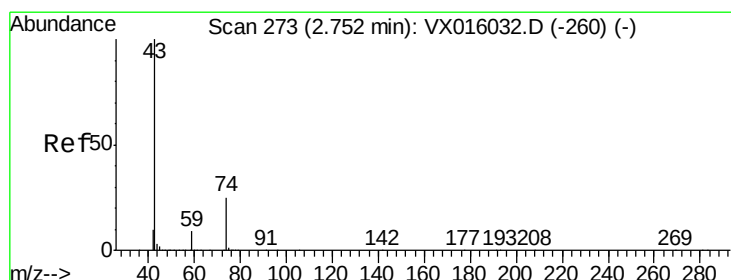
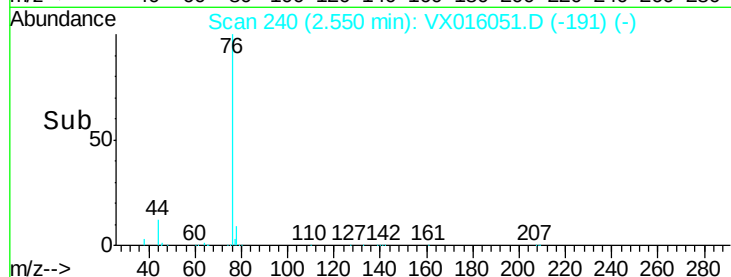
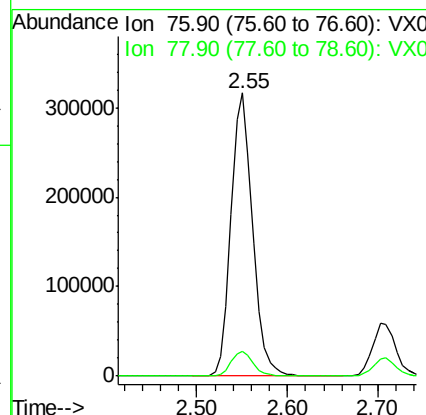
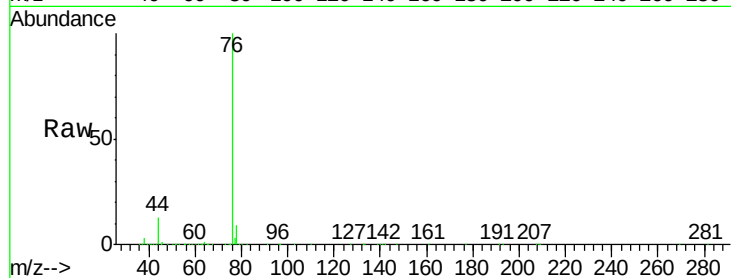
#17
Carbon Disulfide
Concen: 49.189 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.5	11.3

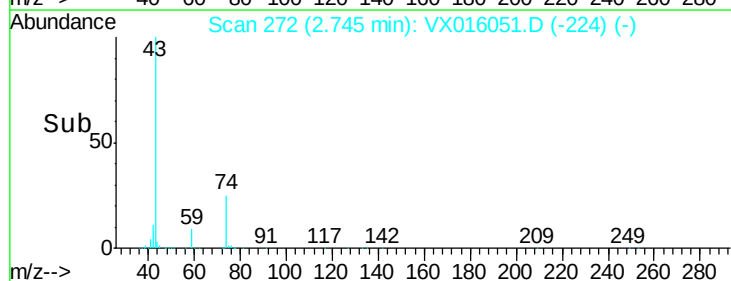
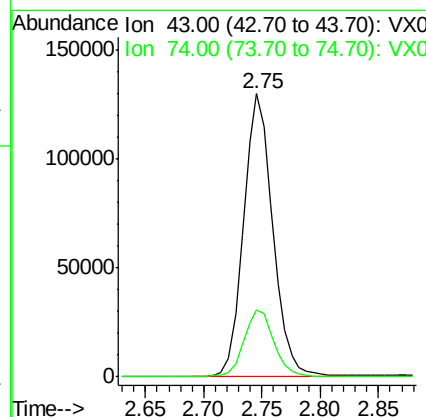
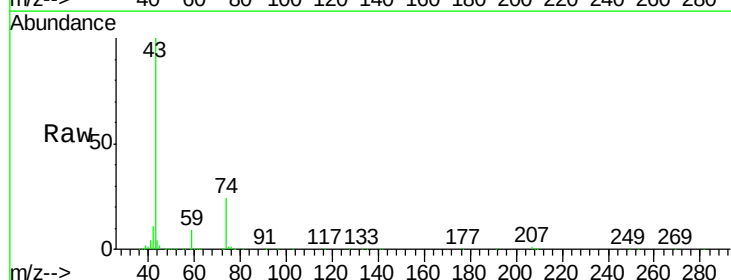
Manual Integrations
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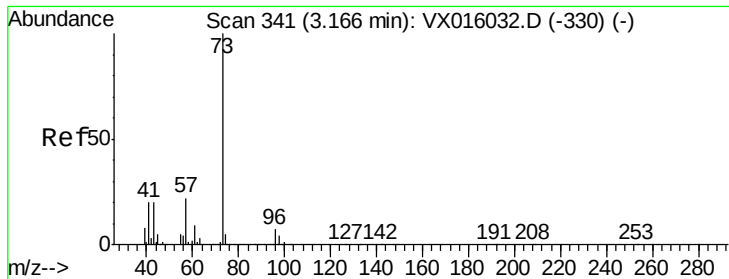
MMDadoda
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#18
Methyl Acetate
Concen: 46.173 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	20.2	30.2





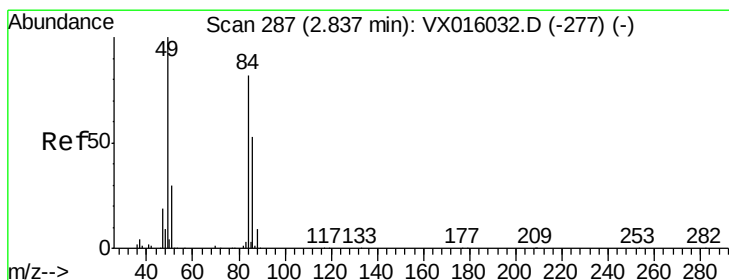
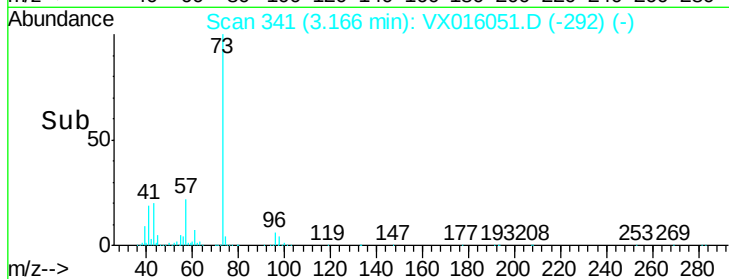
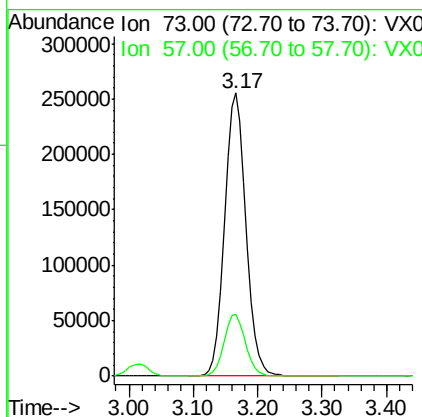
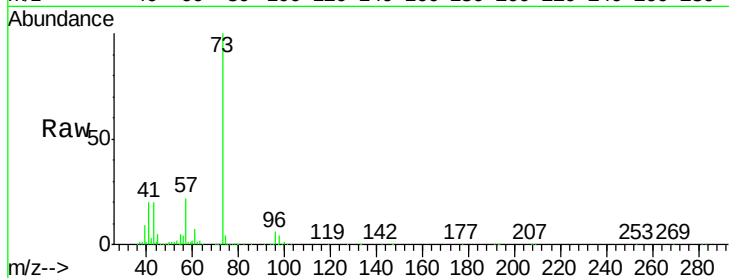
#19
Methyl tert-butyl Ether
Concen: 48.813 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.1	17.8	26.6

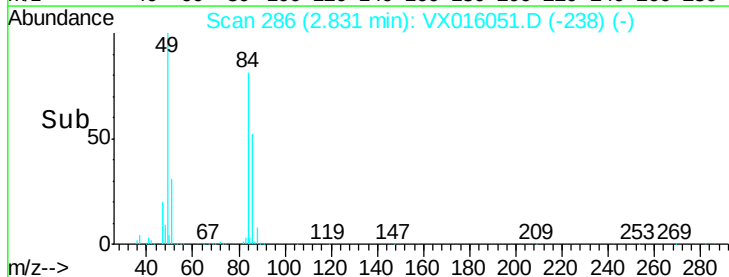
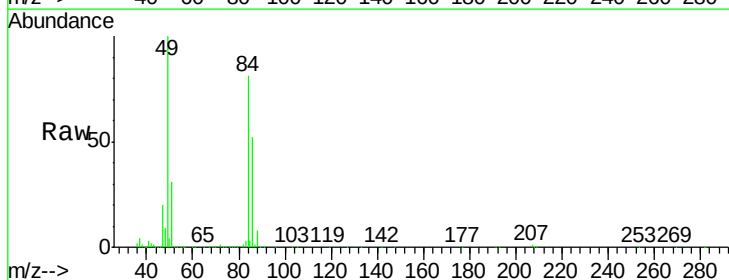
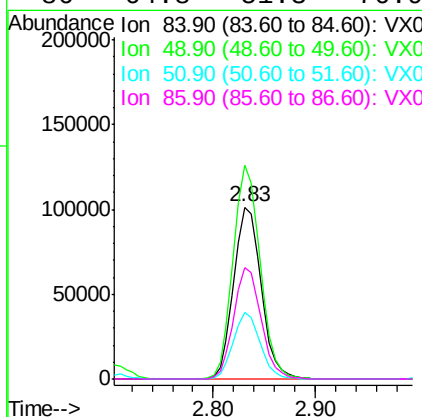
Manual Integrations
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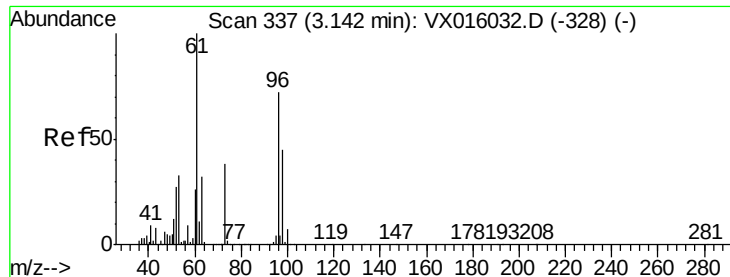
MMDadoda
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#20
Methylene Chloride
Concen: 45.905 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.0	97.3	145.9
51	38.9	29.3	43.9
86	64.8	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 47.109 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

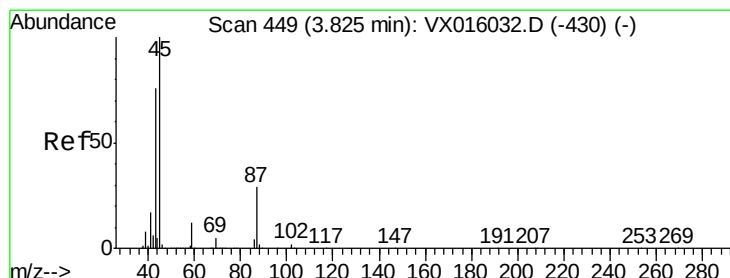
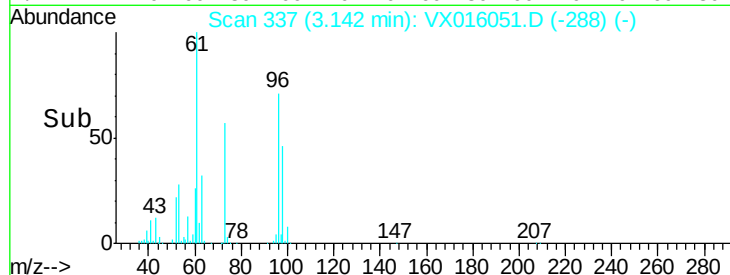
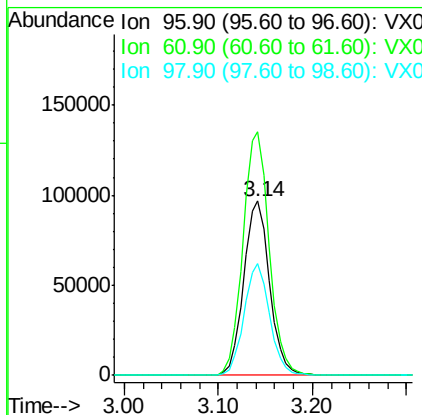
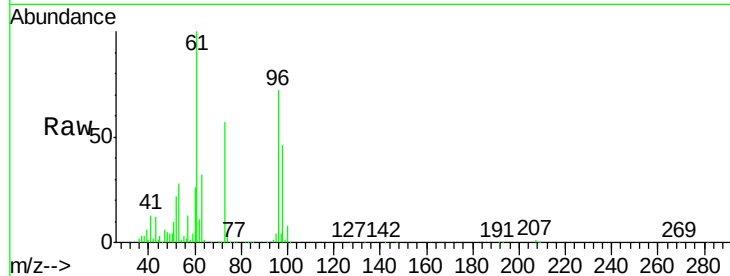
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	185600
Ion	Ratio	Lower	Upper
96	100		
61	140.0	111.2	166.8
98	64.0	50.2	75.4

Manual Integrations
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#22

Diisopropyl ether

Concen: 48.539 ug/l

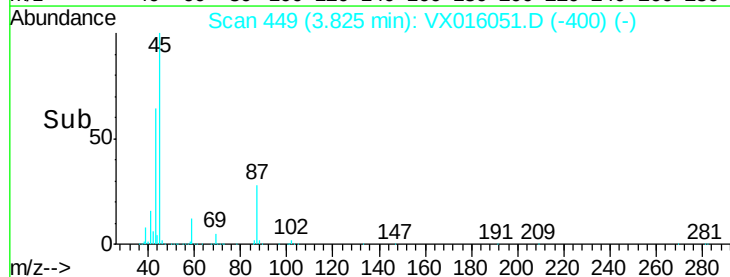
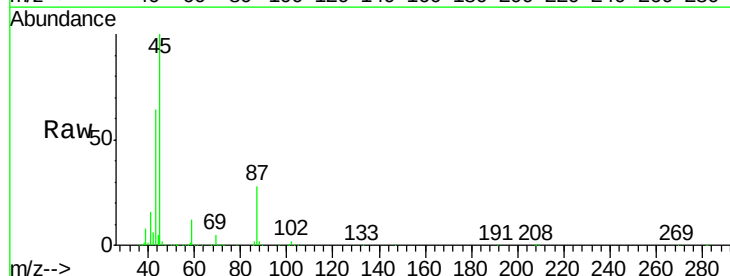
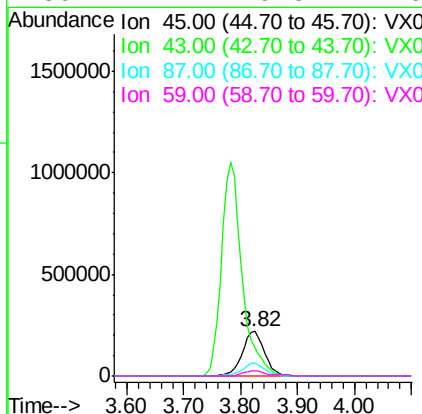
RT: 3.82 min Scan# 449

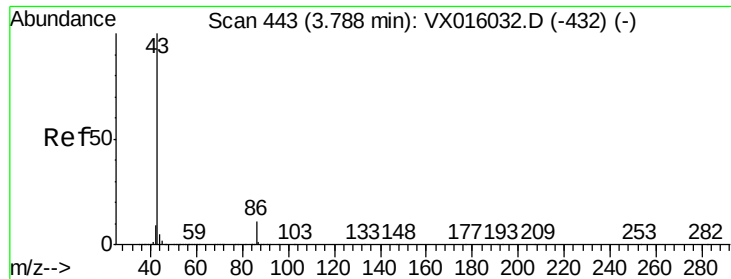
Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Tgt Ion:	45	Resp:	593613
Ion	Ratio	Lower	Upper
45	100		
43	64.4	61.1	91.7
87	28.0	23.0	34.6
59	11.7	9.8	14.6





#23

Vinyl Acetate

Concen: 245.978 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2646566

Ion Ratio Lower Upper

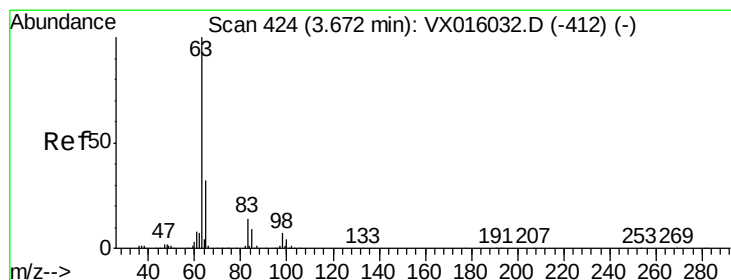
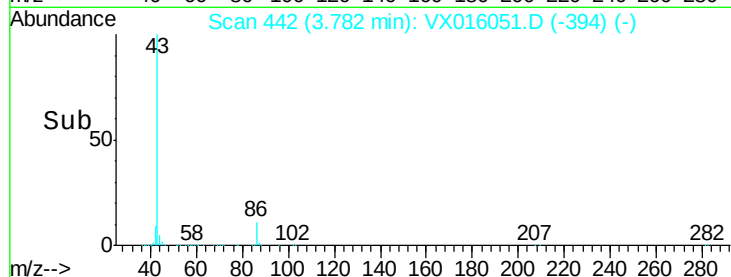
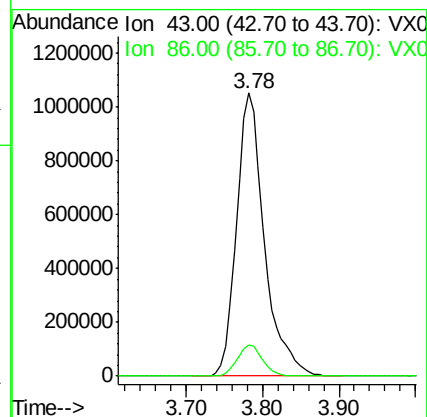
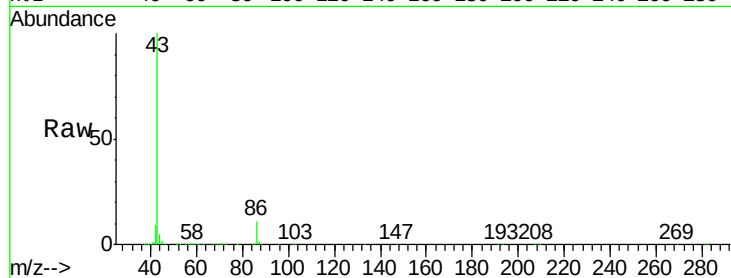
43 100

86 10.9 9.0 13.4

Manual Integrations
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#24

1,1-Dichloroethane

Concen: 48.408 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

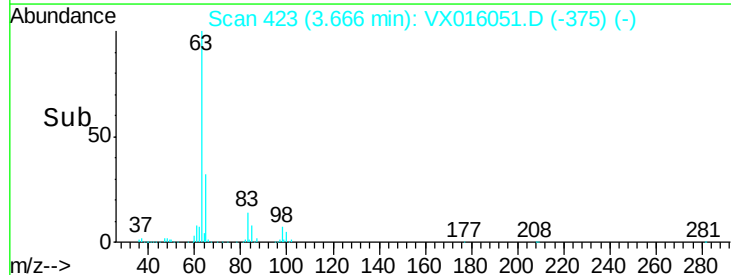
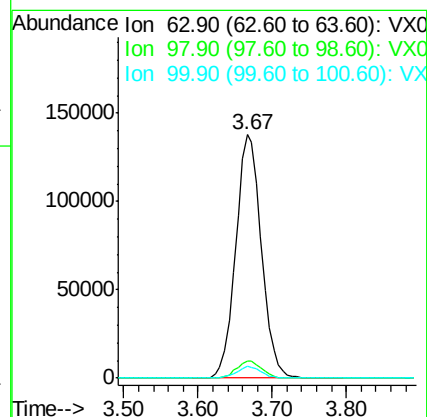
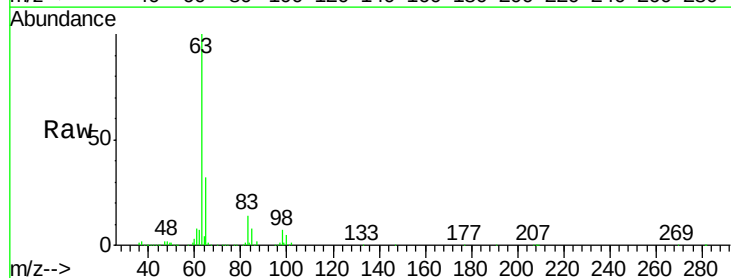
Tgt Ion: 63 Resp: 331165

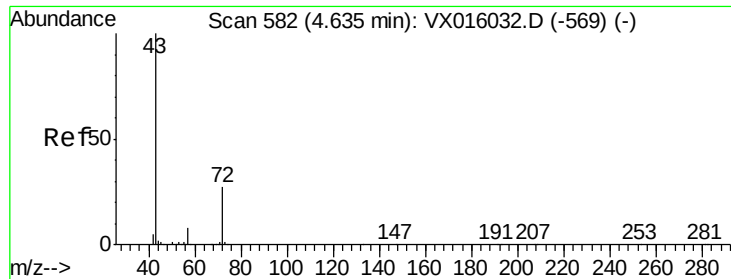
Ion Ratio Lower Upper

63 100

98 7.1 3.5 10.5

100 4.8 2.1 6.5





#25

2-Butanone

Concen: 228.532 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 735382

Ion Ratio Lower Upper

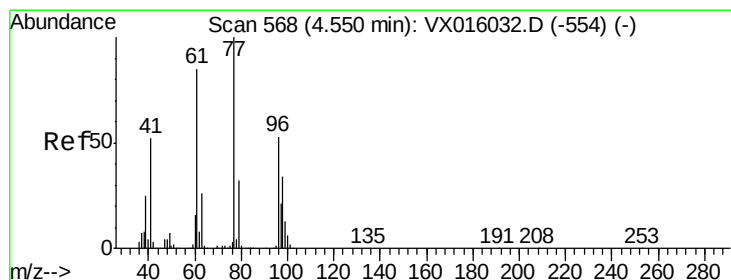
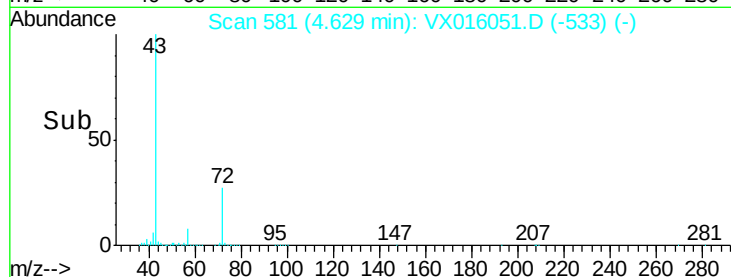
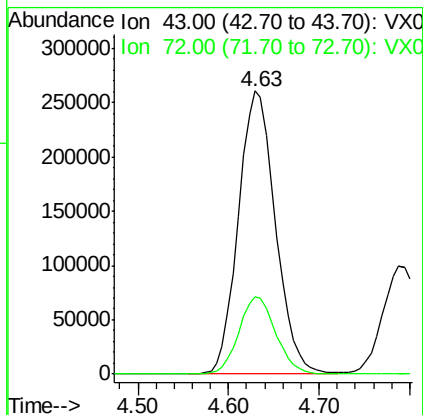
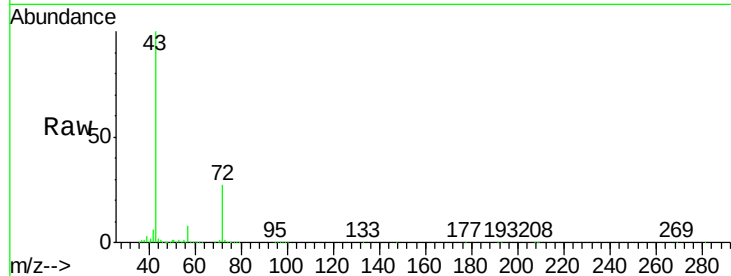
43 100

72 27.0 21.8 32.8

Manual Integrations
APPROVED

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#26

2,2-Dichloropropane

Concen: 48.870 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016051.D

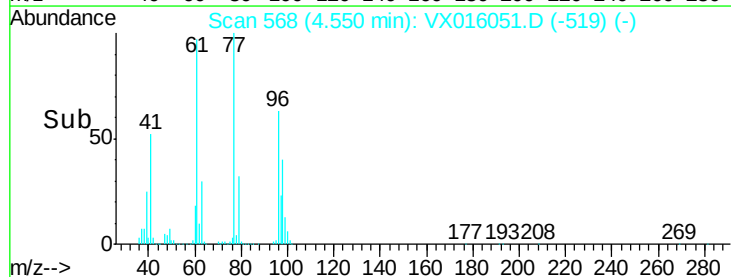
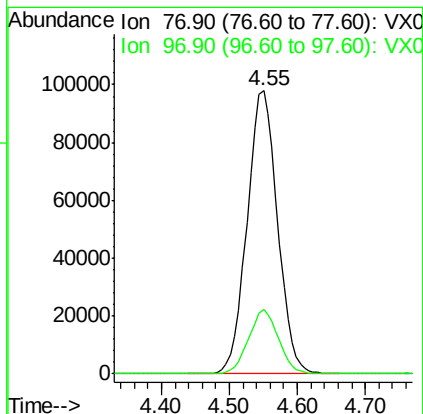
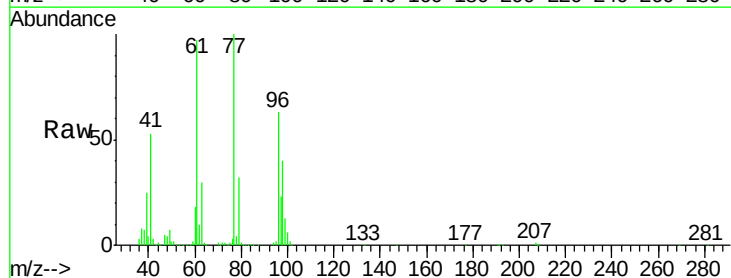
Acq: 05 May 2020 09:58

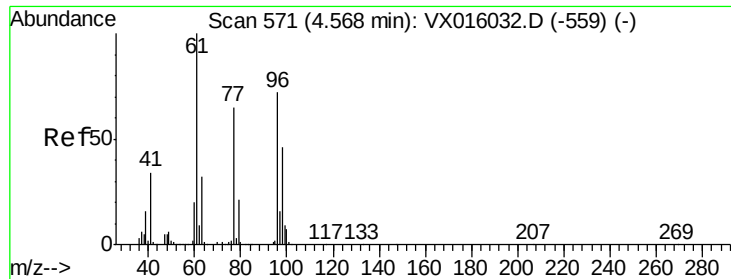
Tgt Ion: 77 Resp: 305327

Ion Ratio Lower Upper

77 100

97 22.4 11.2 33.6





#27

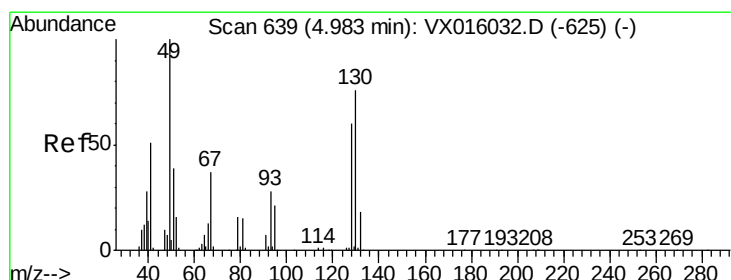
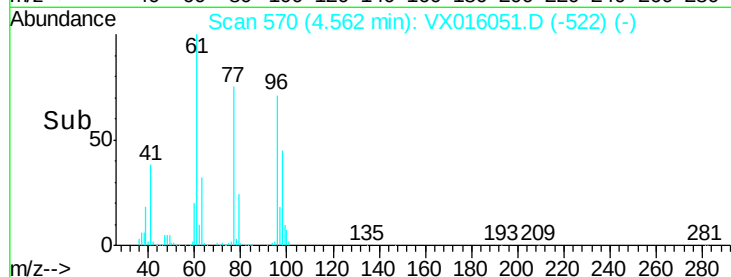
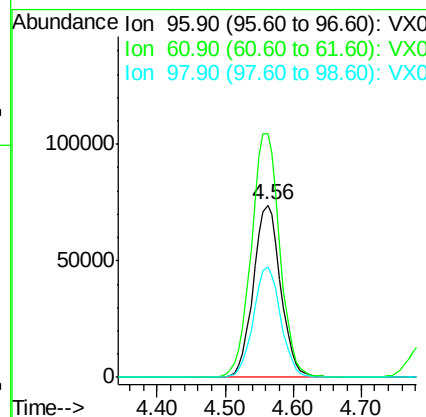
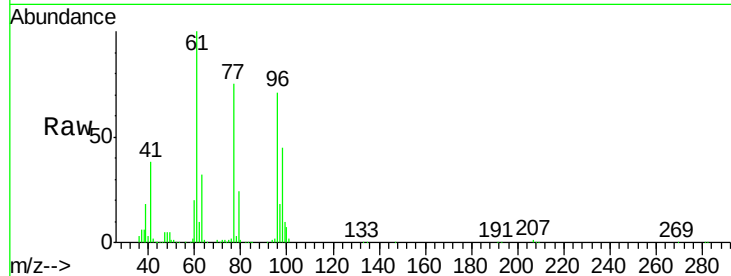
cis-1,2-Dichloroethene
Concen: 47.916 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	206382		
61	148.4	0.0	296.2	
98	64.3	0.0	129.4	

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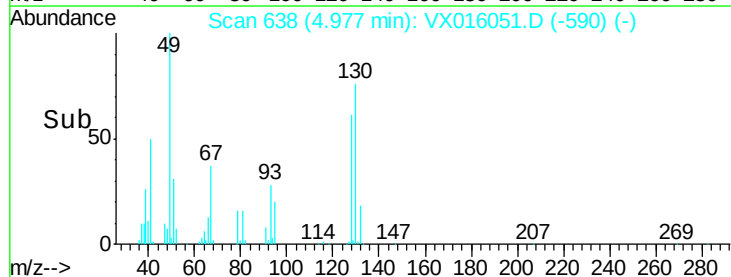
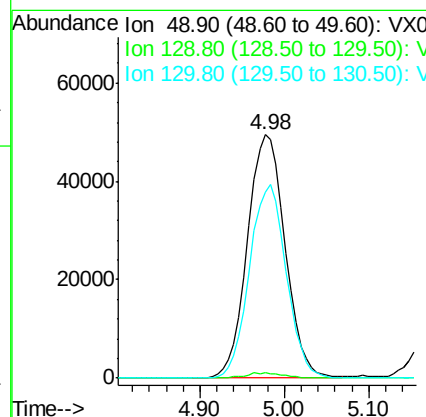
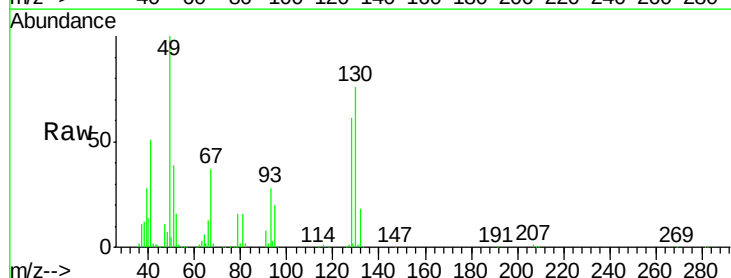
MMDadoda
5/6/2020 12:26:55 PM

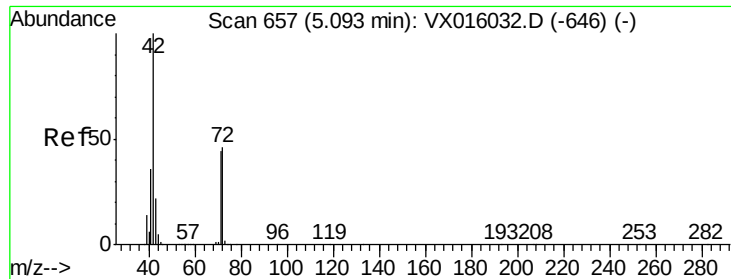


#28

Bromochloromethane
Concen: 48.272 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	150583		
129	2.1	0.0	4.0	
130	77.8	62.4	93.6	





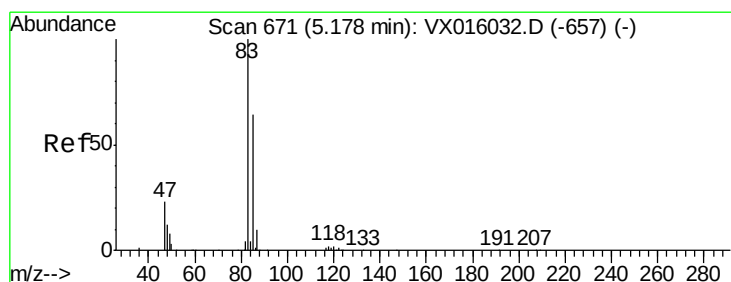
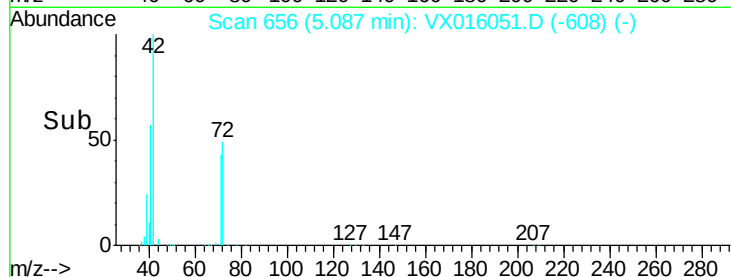
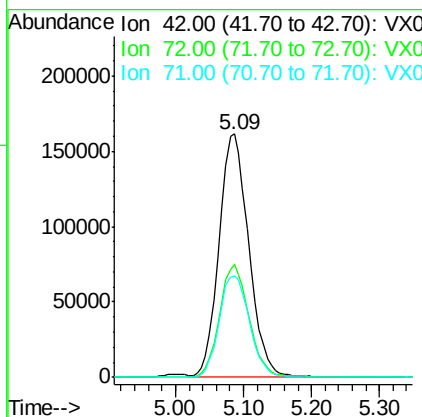
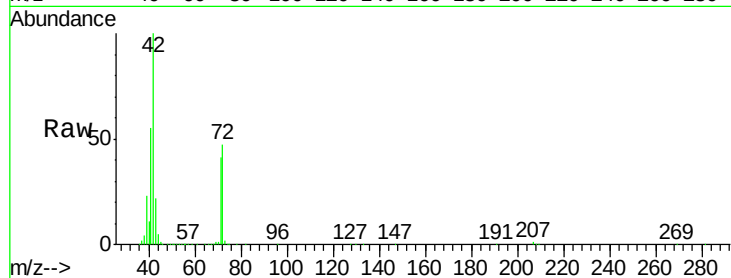
#29
Tetrahydrofuran
Concen: 228.929 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.3	37.1	55.7
71	42.8	34.5	51.7

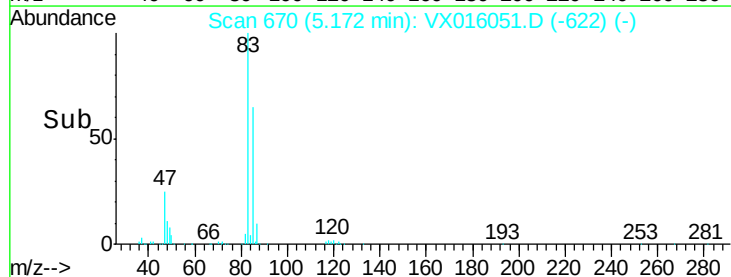
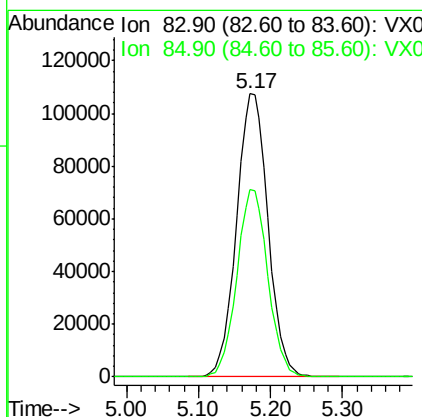
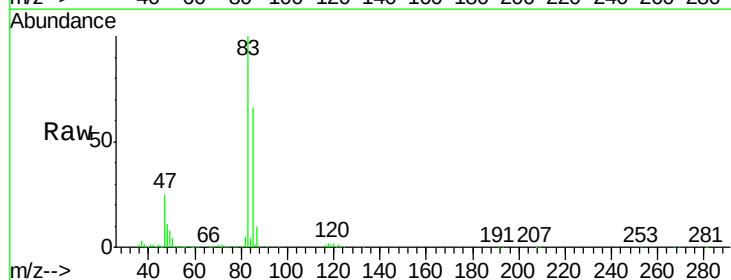
Manual Integrations
APPROVED

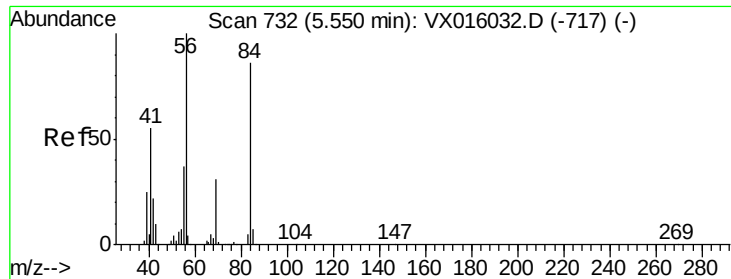
MMDadoda
5/6/2020 12:26:55 PM



#30
Chloroform
Concen: 47.867 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.6	77.4





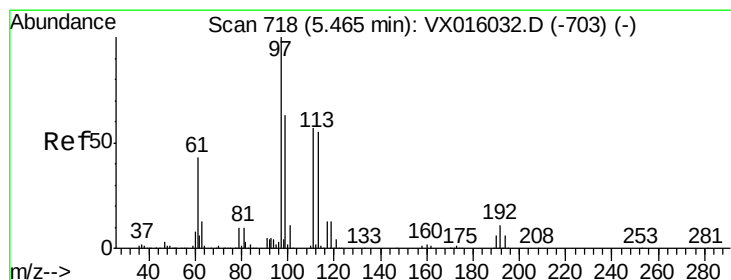
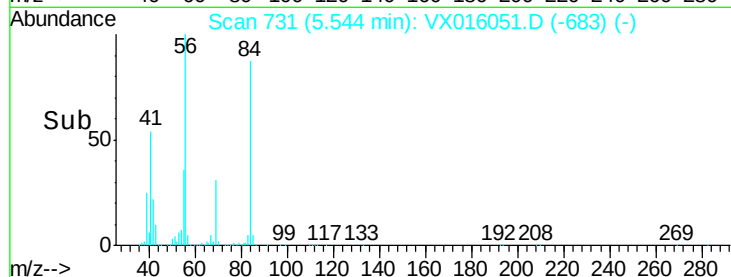
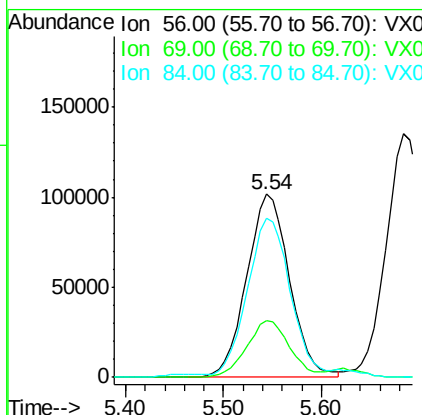
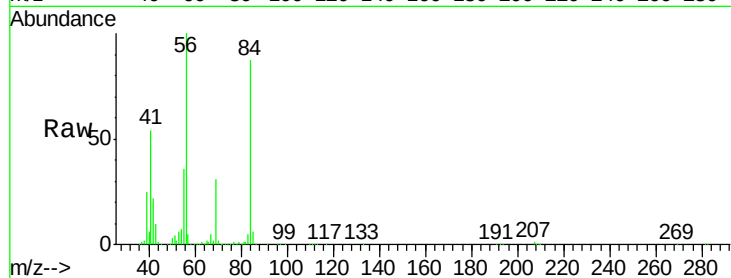
#31
Cyclohexane
Concen: 49.794 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.8	25.0	37.6
84	85.7	69.0	103.6

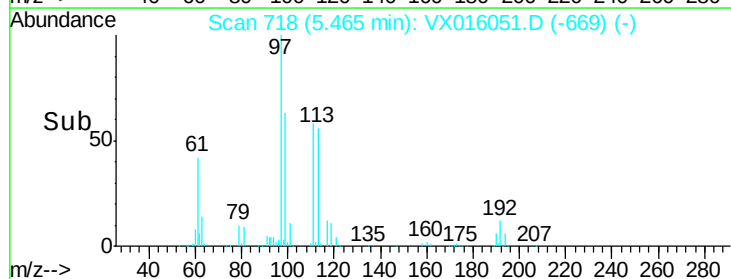
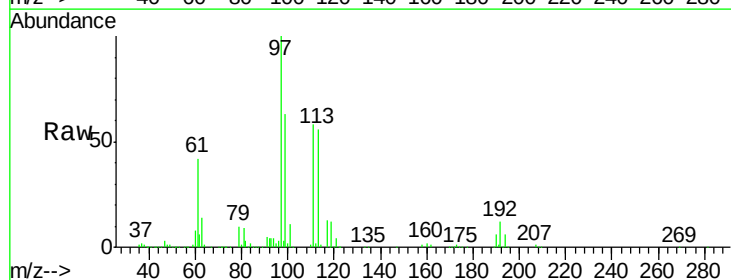
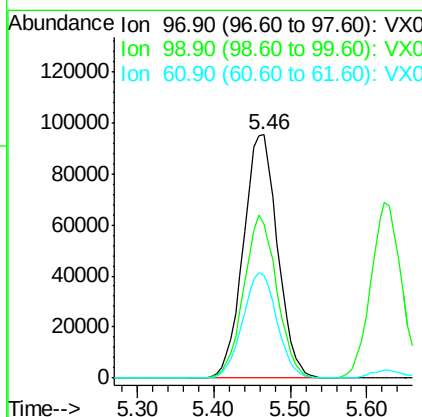
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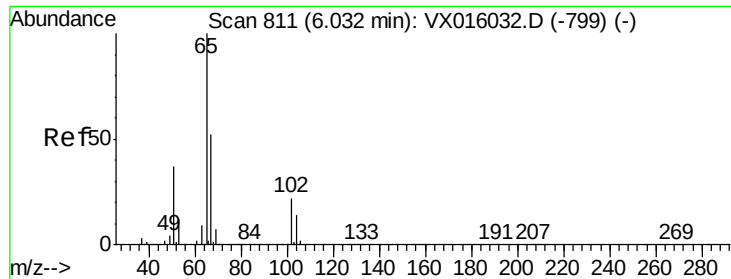
MMDadoda
5/6/2020 12:26:55 PM



#32
1,1,1-Trichloroethane
Concen: 48.001 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.0	76.4
61	43.4	34.5	51.7





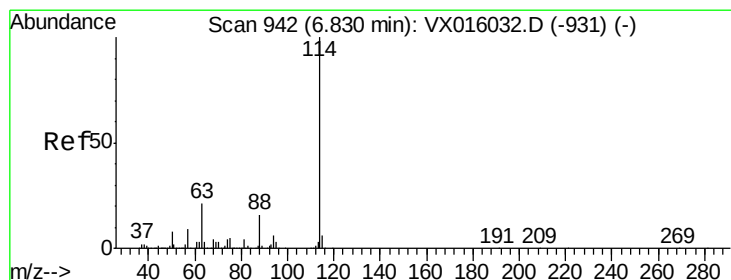
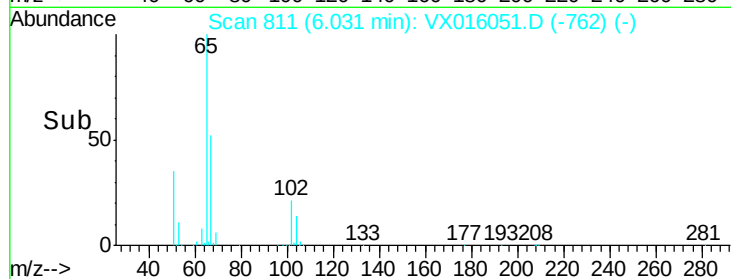
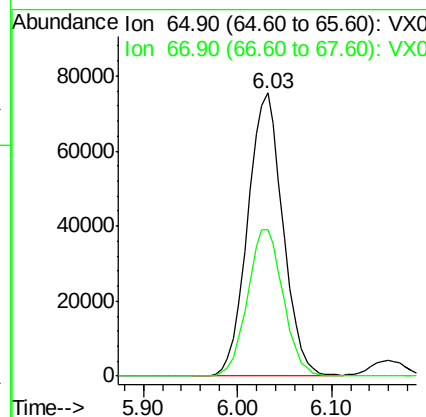
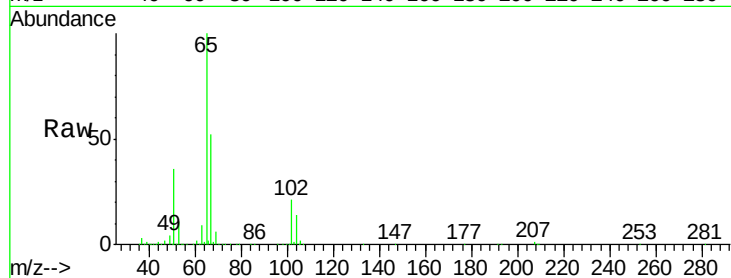
#33
 1,2-Dichloroethane-d4
 Concen: 44.179 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	104.8

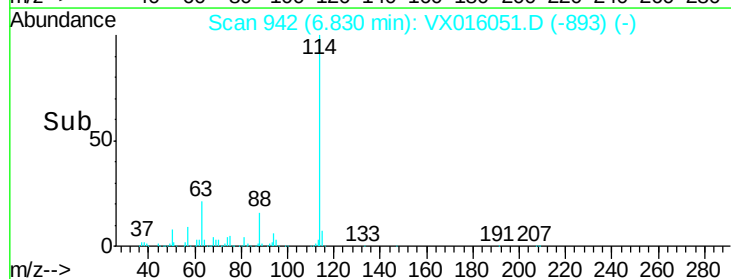
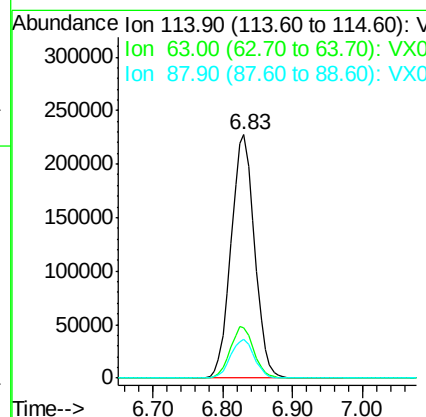
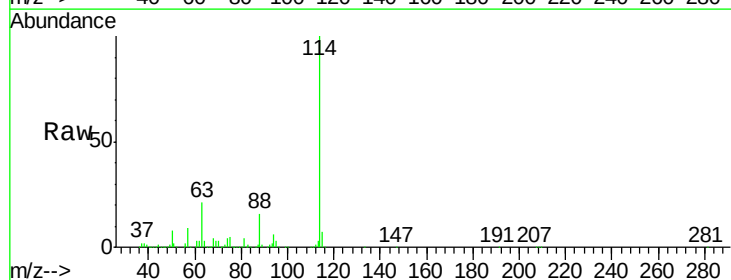
Manual Integrations
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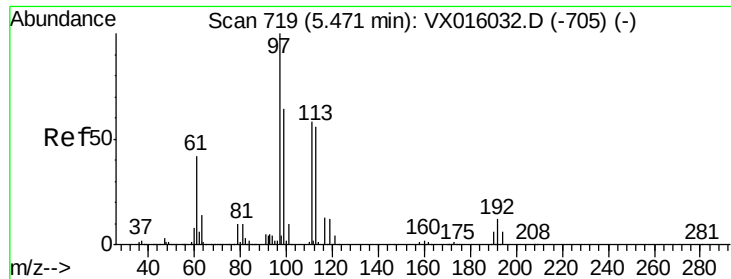
MMDadoda
 5/6/2020 12:26:55 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	42.8
88	15.9	0.0	31.4





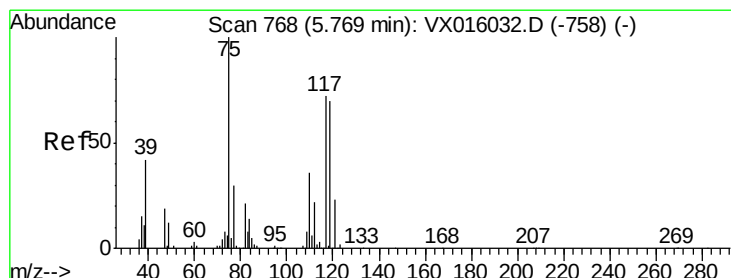
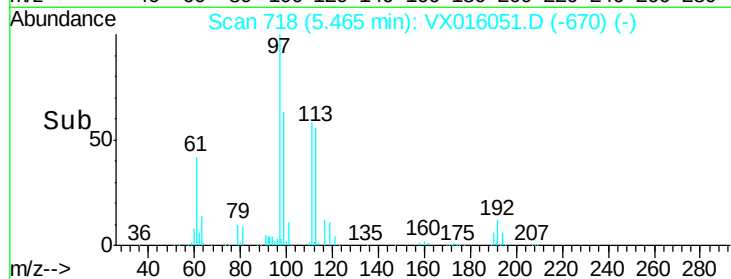
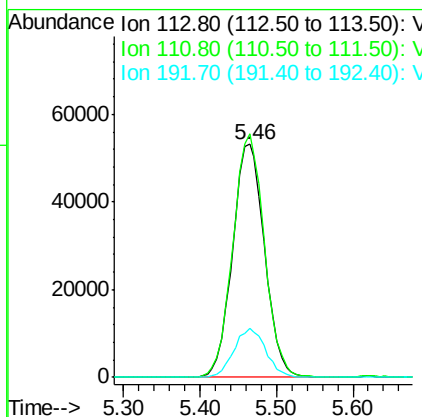
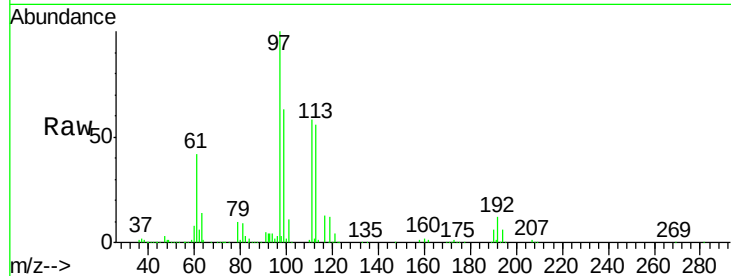
#35
 Dibromofluoromethane
 Concen: 45.796 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	153970		
111	102.6		81.6	122.4
192	20.9		17.0	25.4

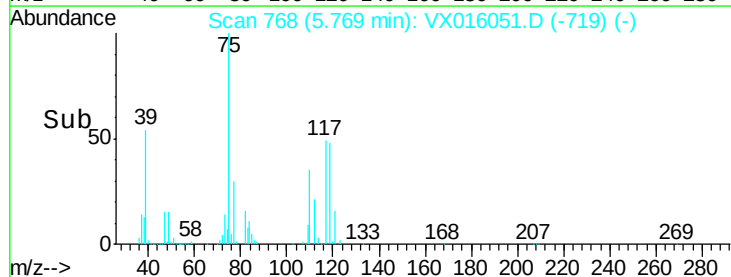
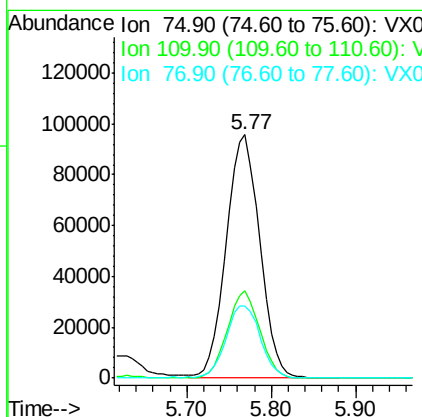
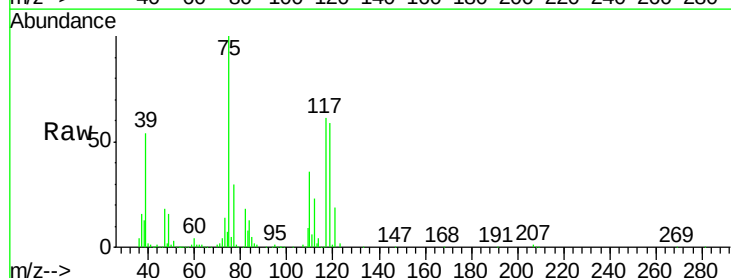
Manual Integrations
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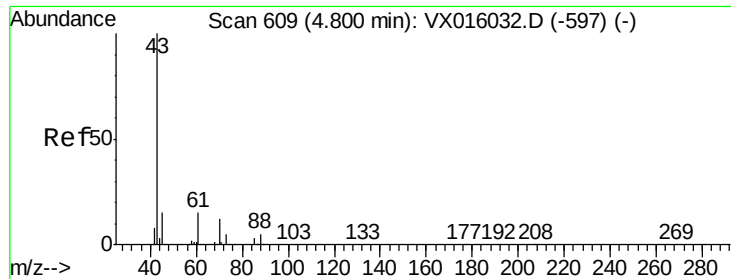
MMDadoda
 5/6/2020 12:26:55 PM



#36
 1,1-Dichloropropene
 Concen: 49.533 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	258751		
110	34.9		18.1	54.1
77	30.3		25.0	37.6





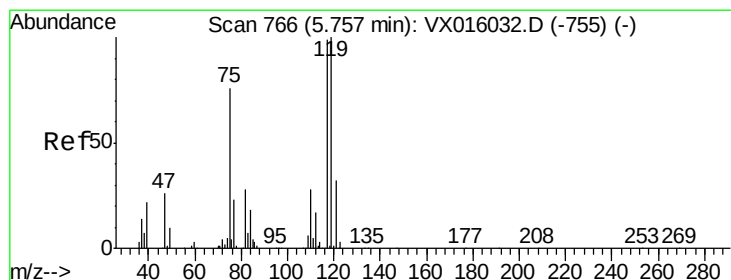
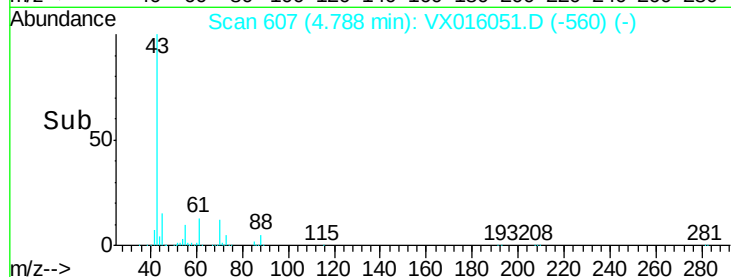
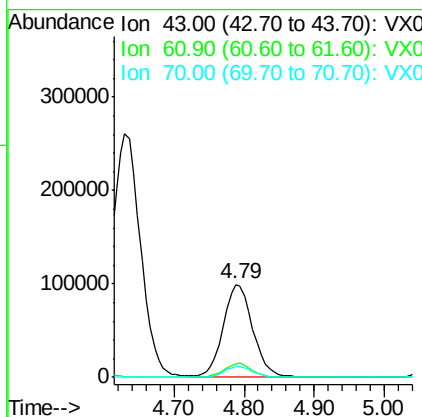
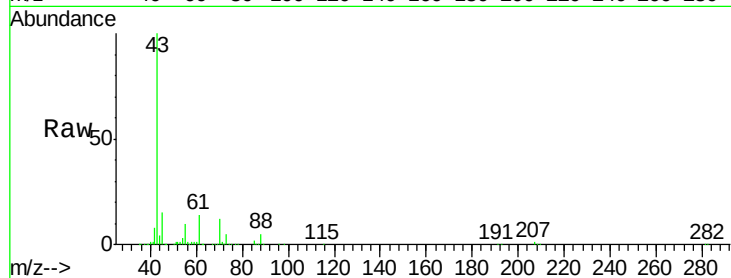
#37
Ethyl Acetate
Concen: 47.935 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	290224
Ion	Ratio	Lower	Upper
43	100		
61	14.0	11.7	17.5
70	11.5	9.3	13.9

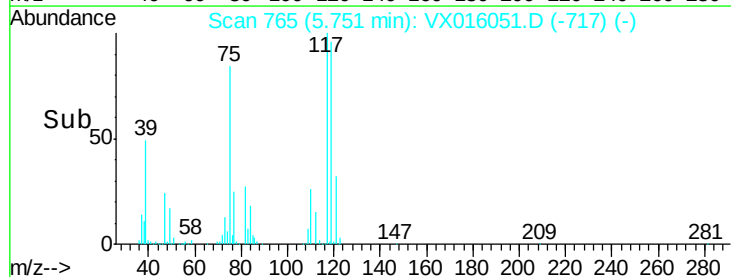
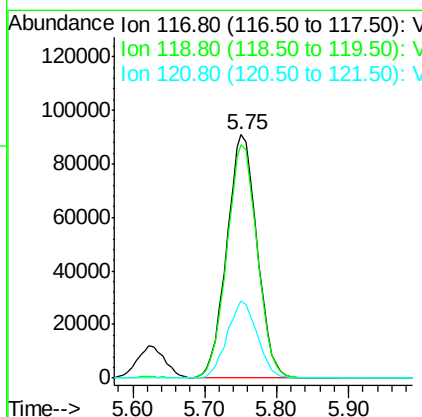
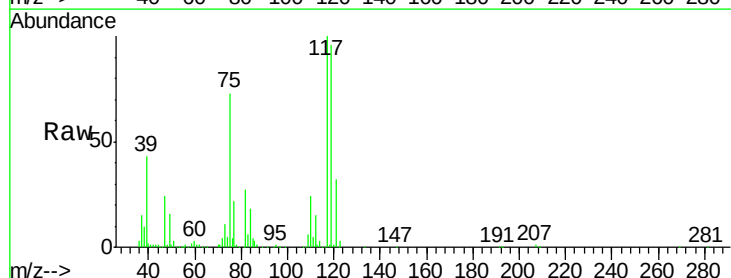
Manual Integrations
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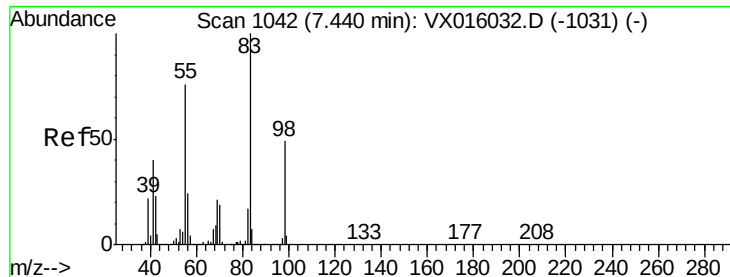
MMDadoda
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#38
Carbon Tetrachloride
Concen: 50.048 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion:	117	Resp:	265736
Ion	Ratio	Lower	Upper
117	100		
119	96.1	80.3	120.5
121	31.7	25.7	38.5





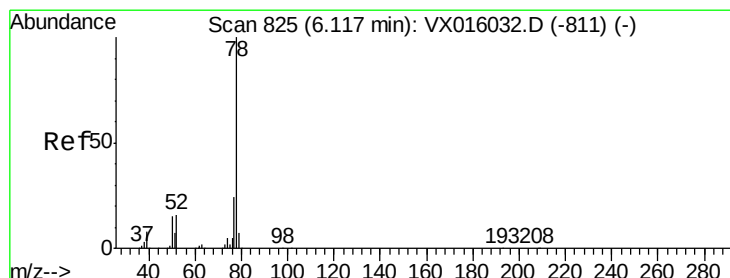
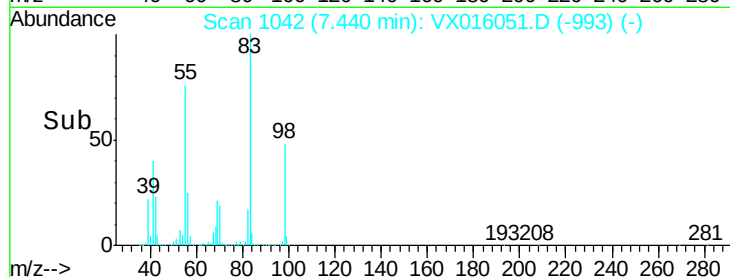
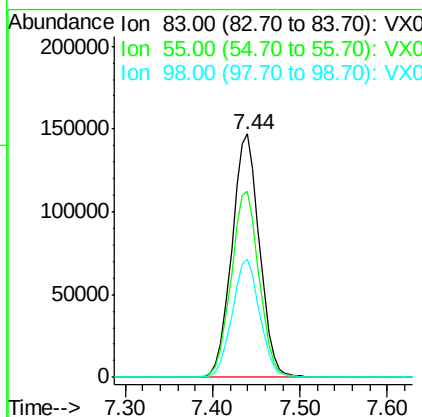
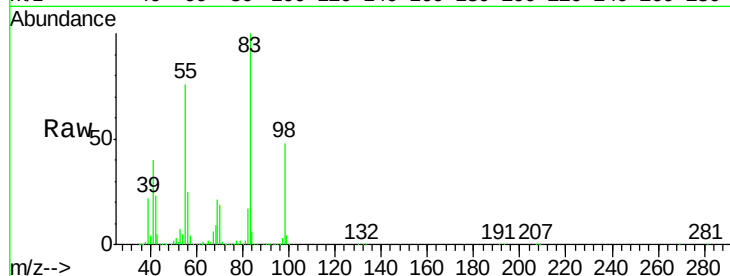
#39
Methylvlcyclohexane
Concen: 51.183 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.4	61.1	91.7
98	48.3	39.0	58.4

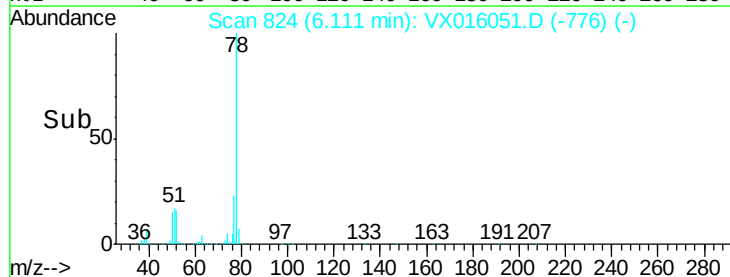
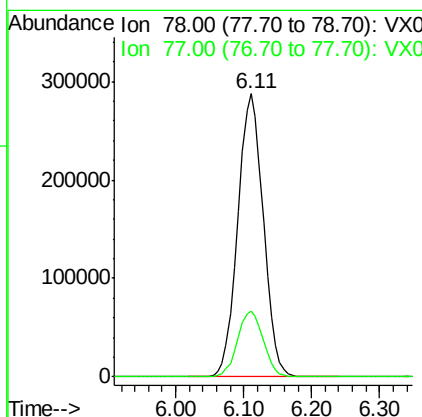
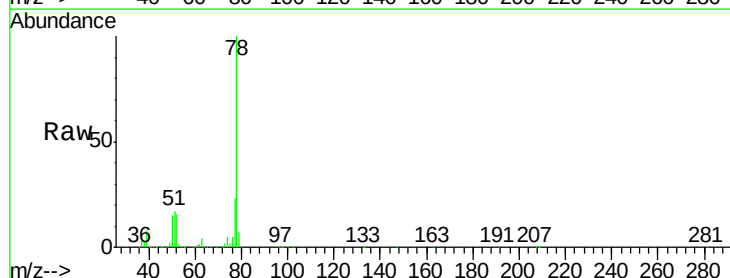
Manual Integrations
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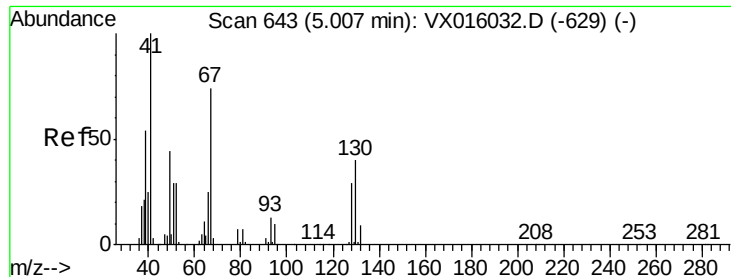
MMDadoda
5/6/2020 12:26:55 PM



#40
Benzene
Concen: 49.012 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.4





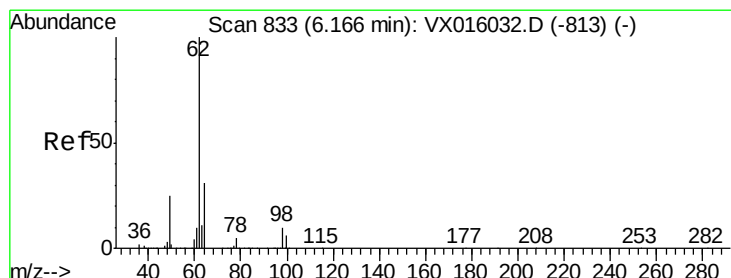
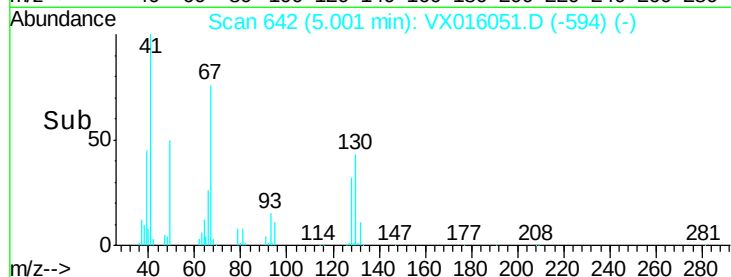
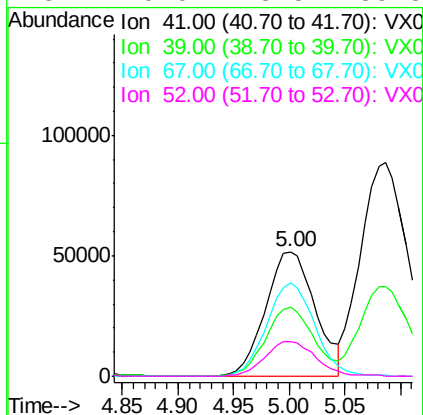
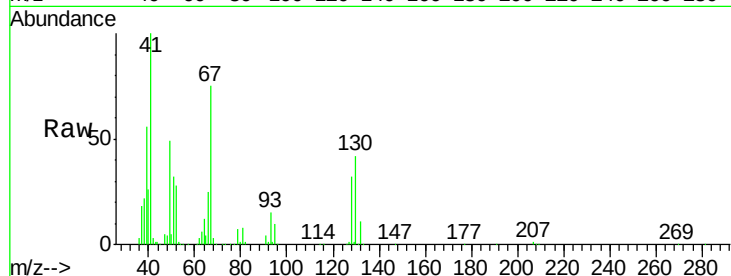
#41
Methacrylonitrile
Concen: 48.911 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		159925		
39	54.1	43.2	64.8		
67	73.1	59.3	88.9		
52	29.0	23.5	35.3		

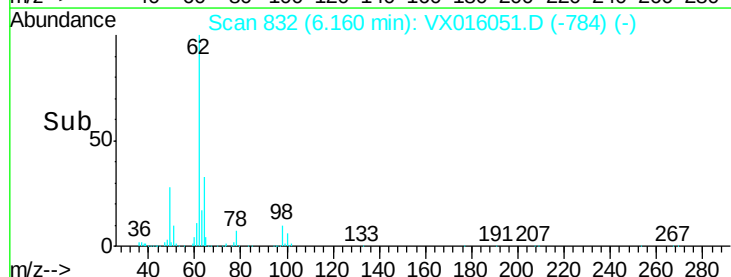
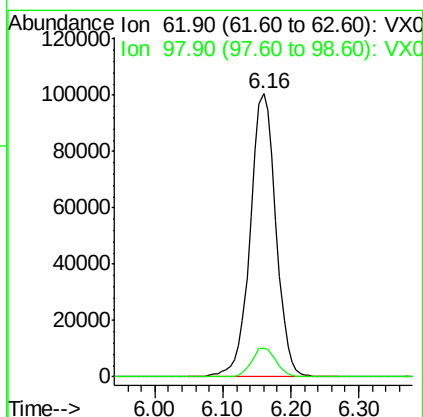
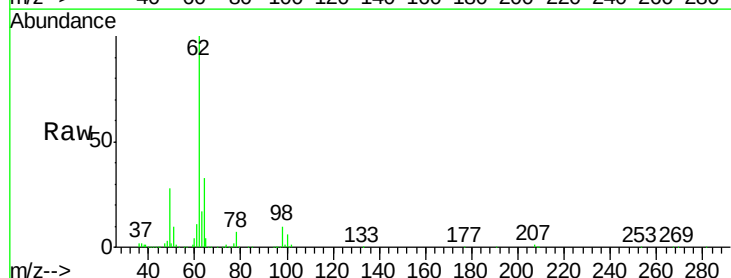
Manual Integrations
APPROVED

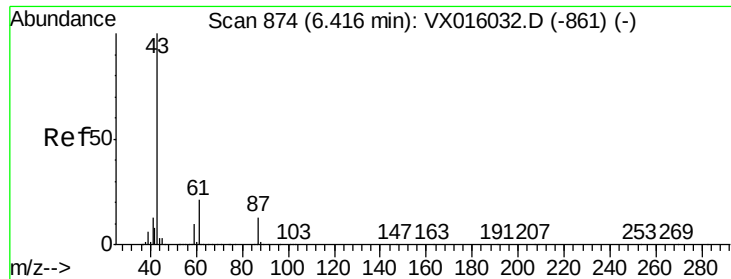
MMDadoda
5/6/2020 12:26:55 PM



#42
1,2-Dichloroethane
Concen: 48.314 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		266018		
98	9.8	0.0	19.4		





#43

Isopropyl Acetate

Concen: 48.504 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

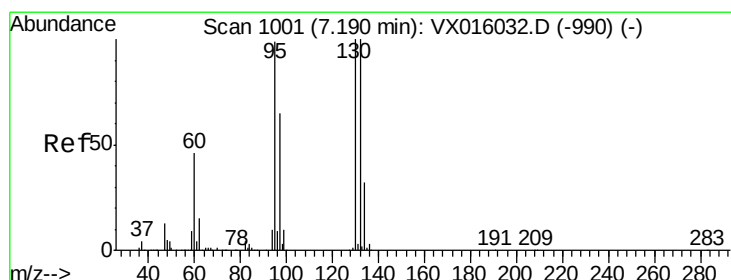
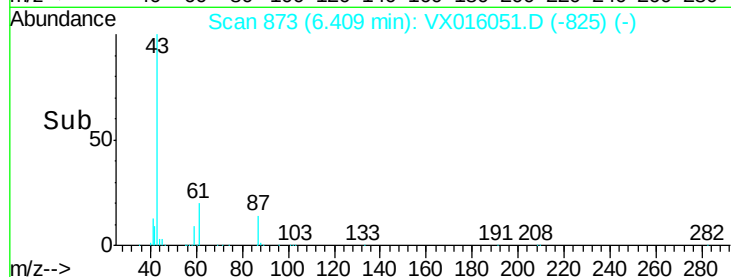
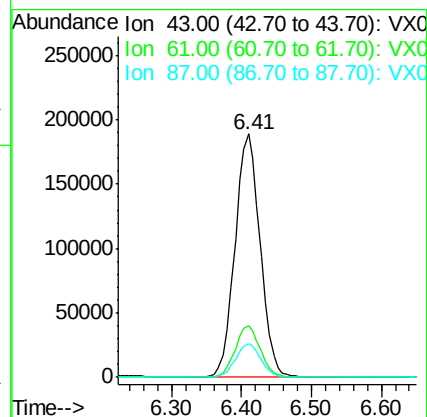
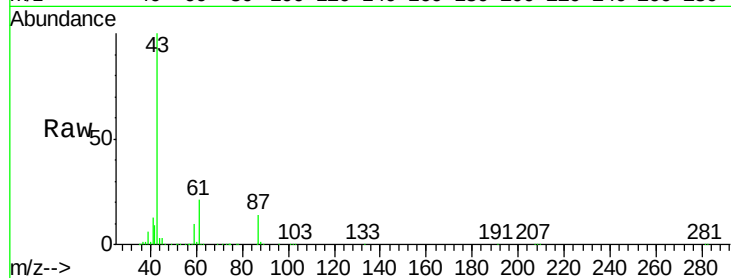
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	468554
Ion	Ratio	Lower	Upper
43	100		
61	21.2	17.0	25.4
87	13.8	11.0	16.6

Manual Integrations
APPROVED

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#44

Trichloroethene

Concen: 49.887 ug/l

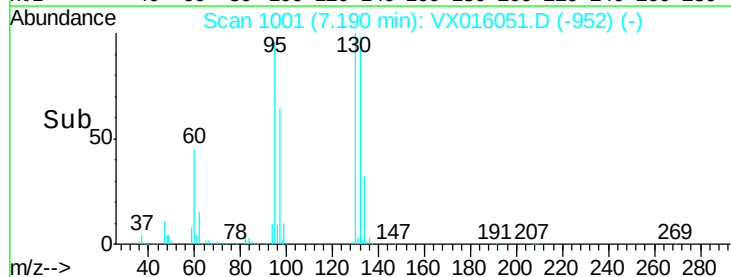
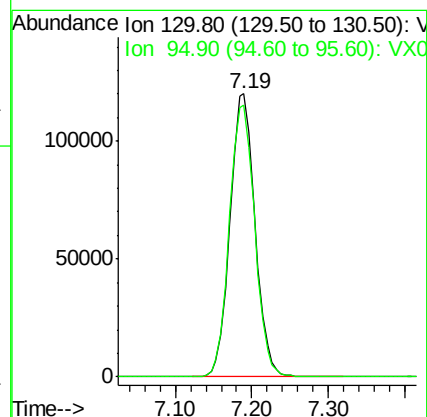
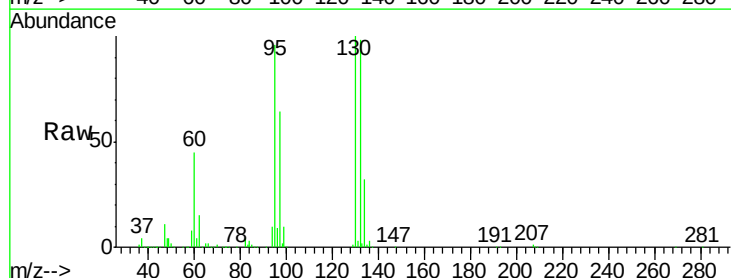
RT: 7.19 min Scan# 1001

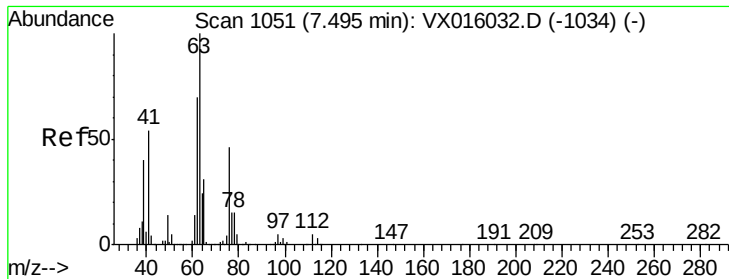
Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Tgt Ion:	130	Resp:	270889
Ion	Ratio	Lower	Upper
130	100		
95	96.0	0.0	197.4





#45

1,2-Dichloropropane

Concen: 49.820 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 63 Resp: 192678

Ion Ratio Lower Upper

63 100

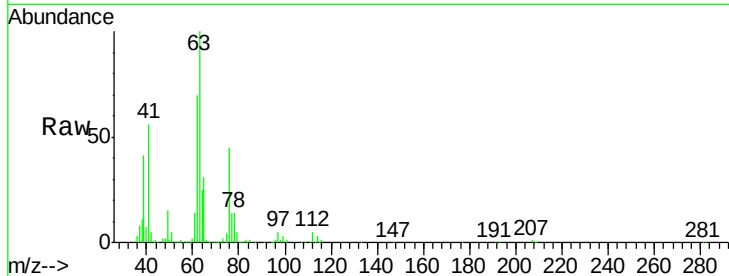
65 31.0 24.4 36.6

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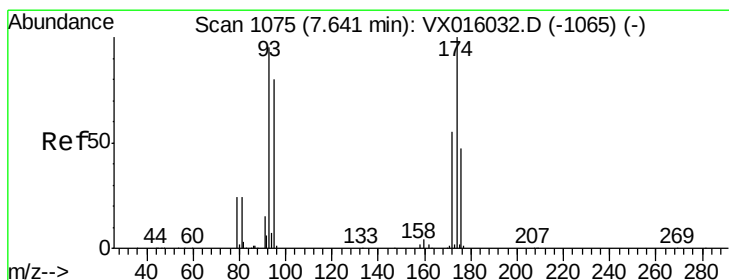
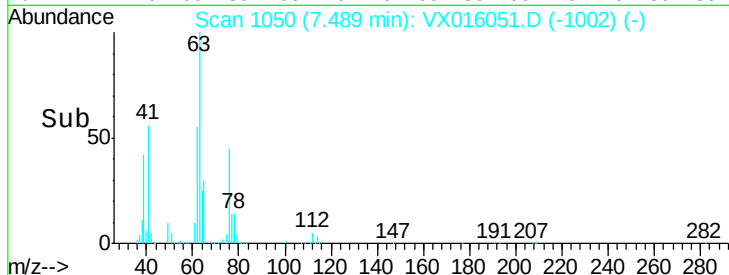
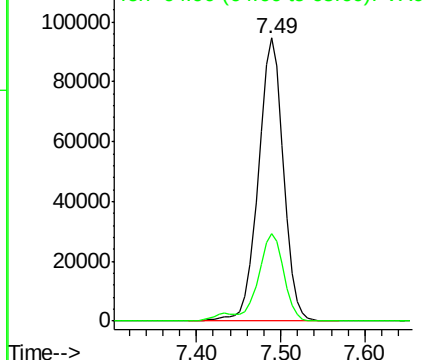
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 48.460 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

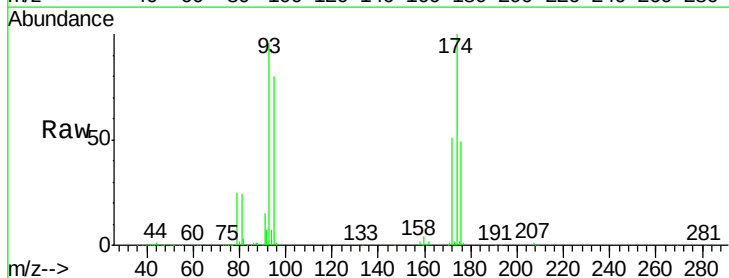
Tgt Ion: 93 Resp: 127364

Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

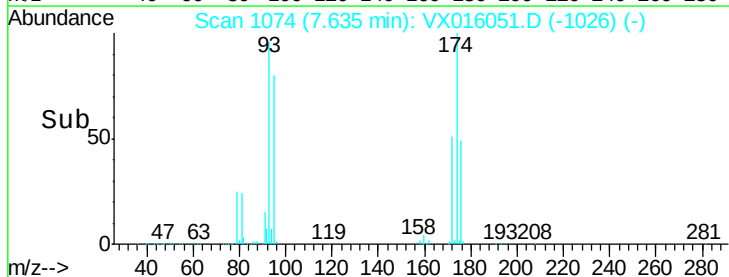
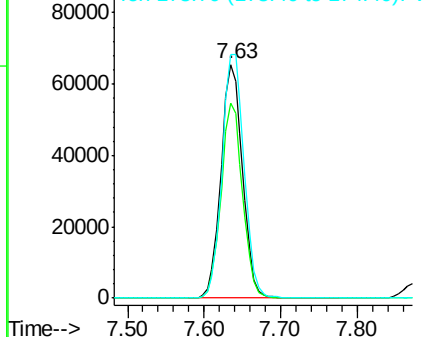
174 106.7 84.2 126.4

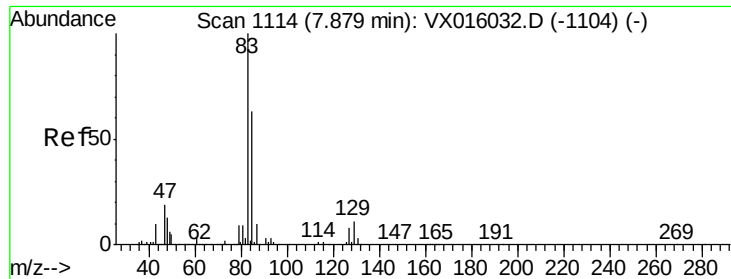


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.817 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

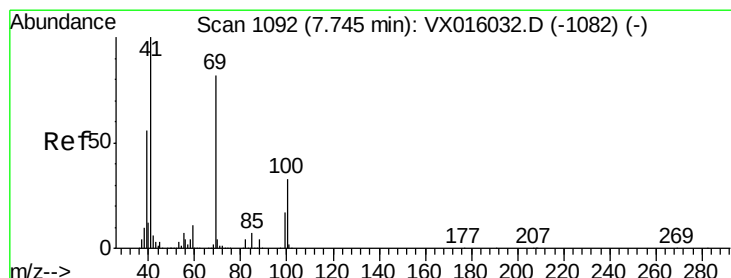
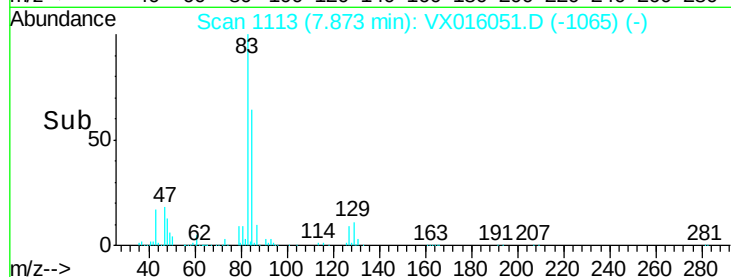
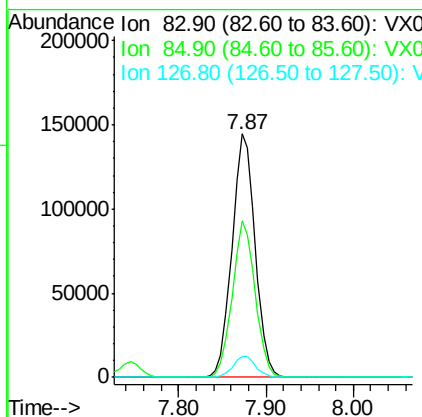
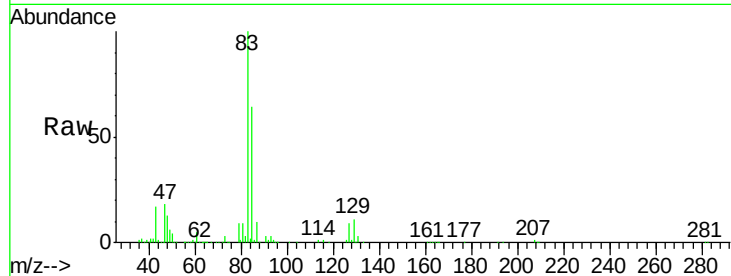
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	266663
Ion Ratio	Lower	Upper	
83	100		
85	64.3	50.5	75.7
127	8.5	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.353 ug/l

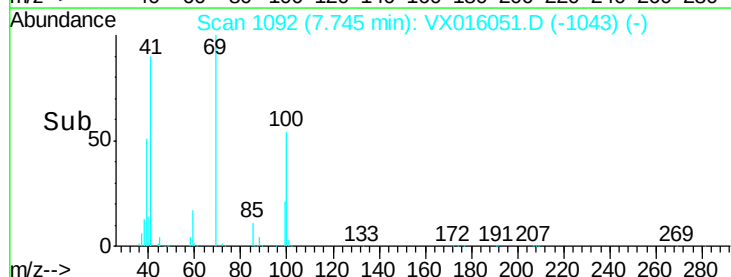
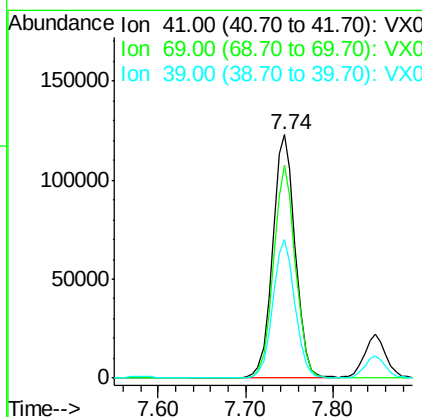
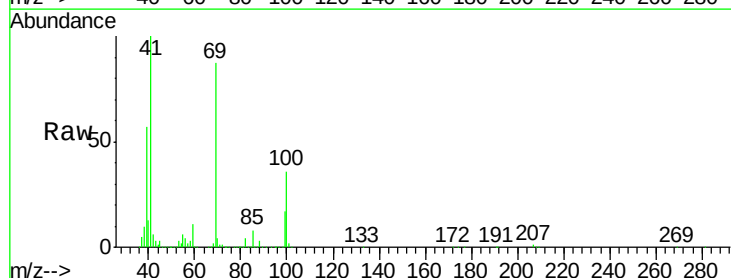
RT: 7.74 min Scan# 1092

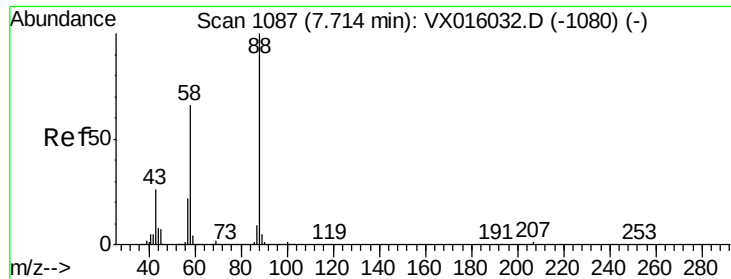
Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Tgt Ion:	41	Resp:	221332
Ion Ratio	Lower	Upper	
41	100		
69	85.3	67.8	101.6
39	55.9	44.6	67.0





#49

1,4-Dioxane

Concen: 932.106 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

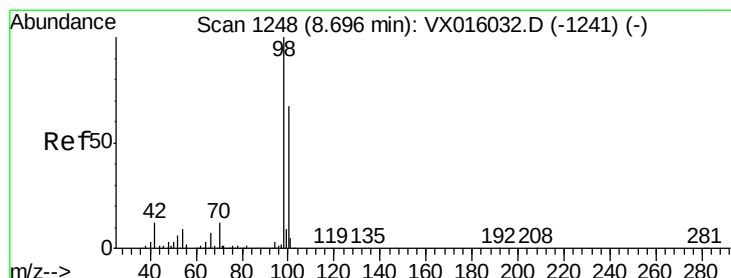
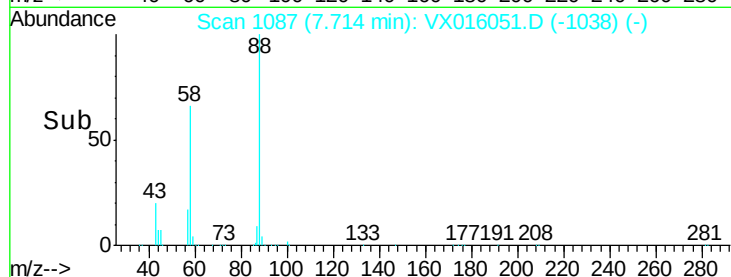
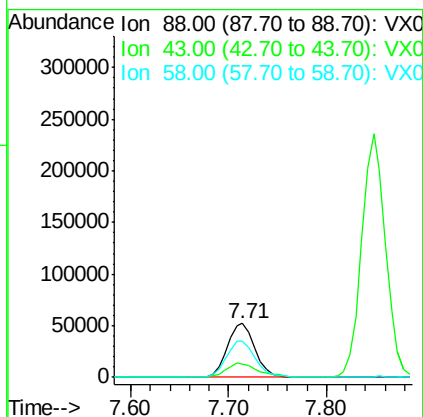
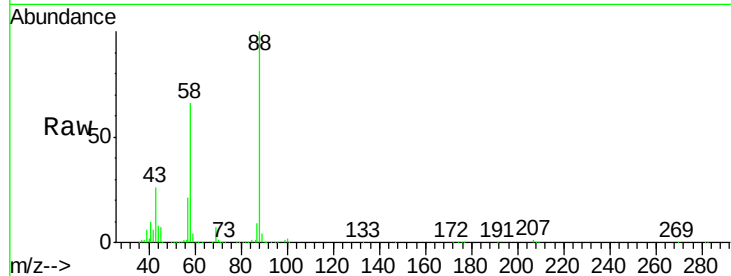
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	102329
Ion	Ratio	Lower	Upper
88	100		
43	30.6	25.3	37.9
58	69.7	55.9	83.9

Manual Integrations
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#50

Toluene-d8

Concen: 46.558 ug/l

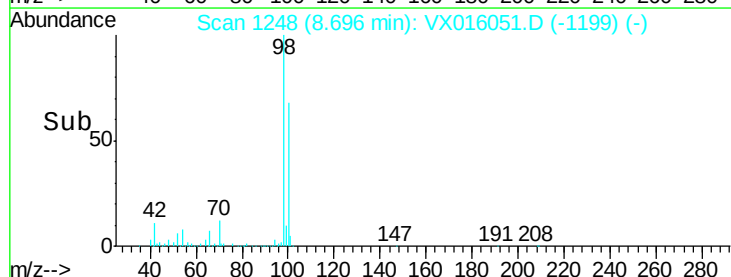
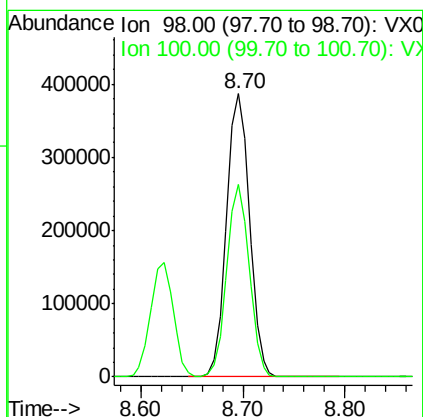
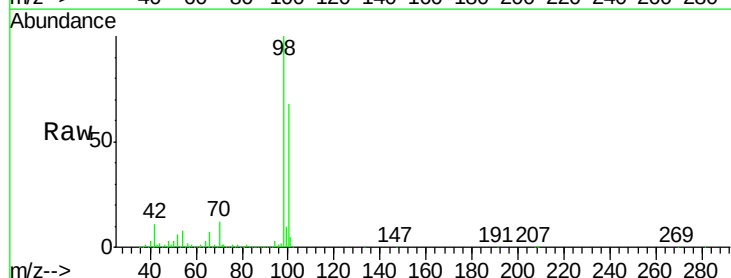
RT: 8.70 min Scan# 1248

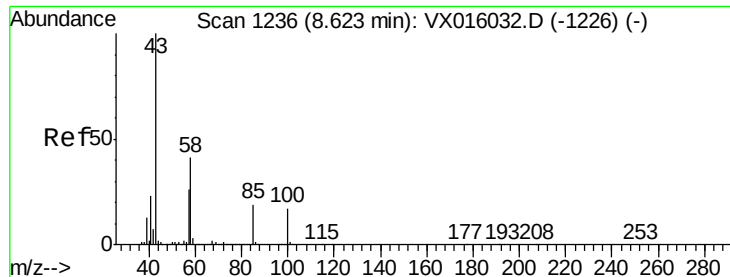
Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Tgt Ion:	98	Resp:	603132
Ion	Ratio	Lower	Upper
98	100		
100	66.4	53.7	80.5





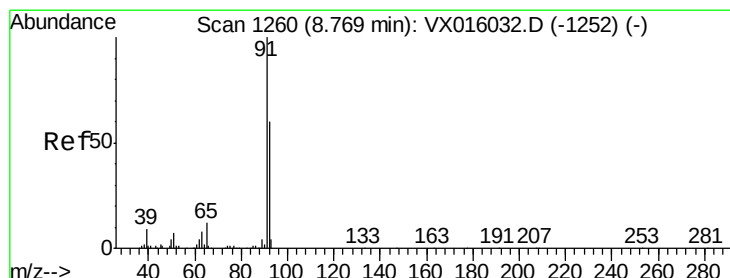
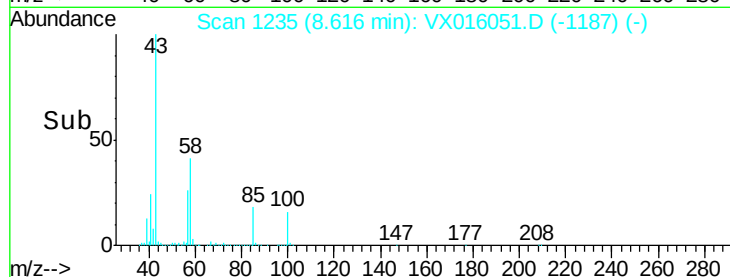
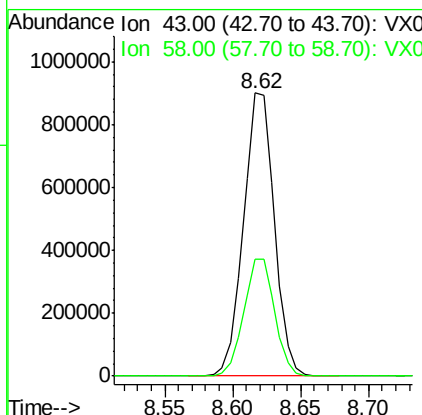
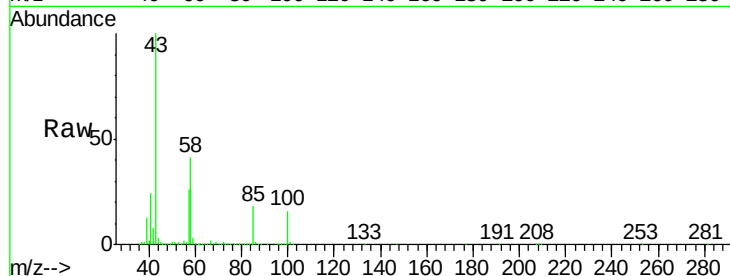
#51
 4-Methyl-2-Pentanone
 Concen: 241.806 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion: 43 Resp: 1429430
 Ion Ratio Lower Upper
 43 100
 58 41.3 33.0 49.4

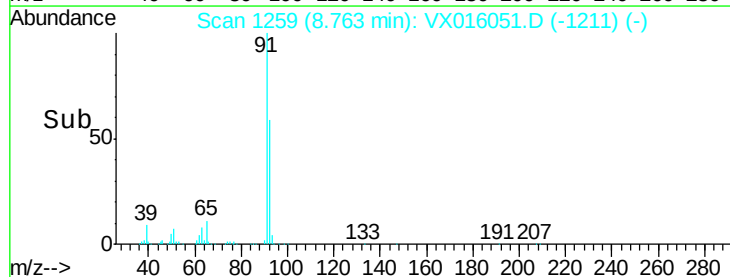
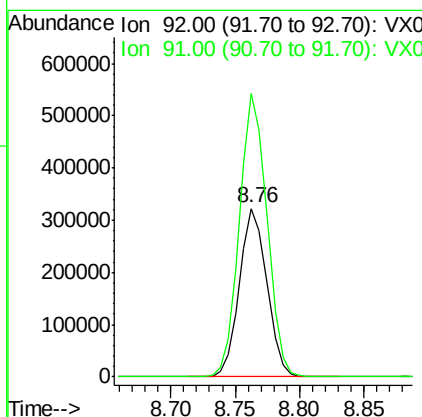
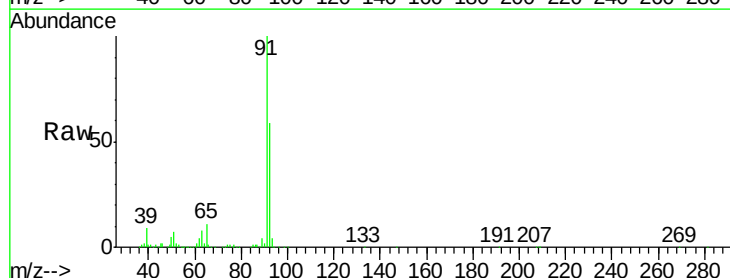
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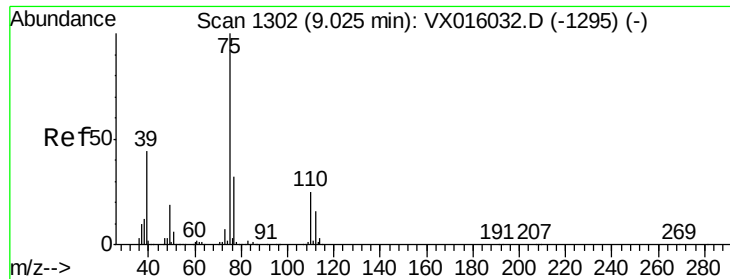
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#52
 Toluene
 Concen: 49.922 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion: 92 Resp: 475610
 Ion Ratio Lower Upper
 92 100
 91 168.9 134.5 201.7





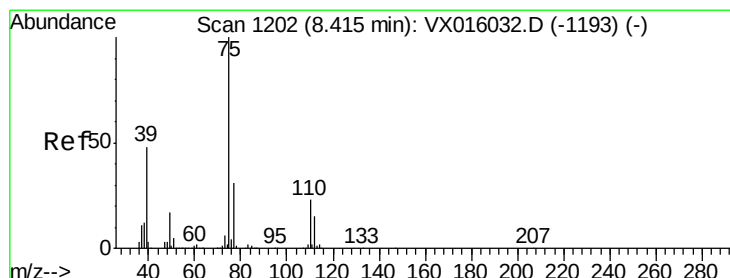
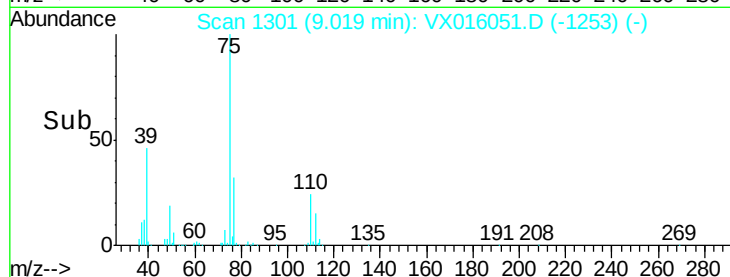
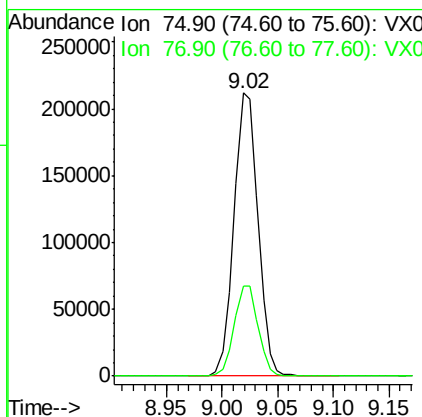
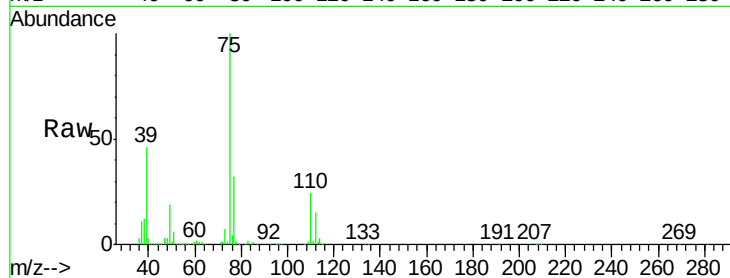
#53
t-1,3-Dichloropropene
Concen: 49.620 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.7	38.5

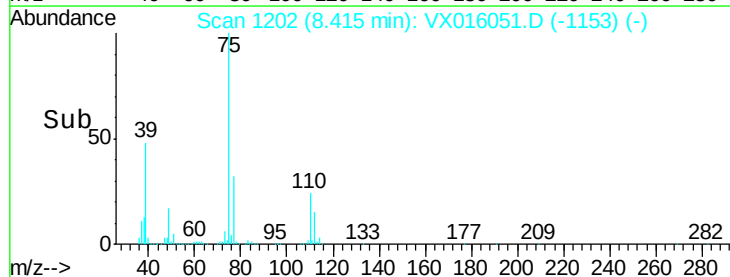
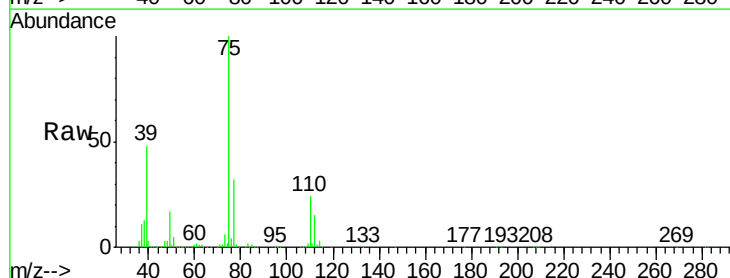
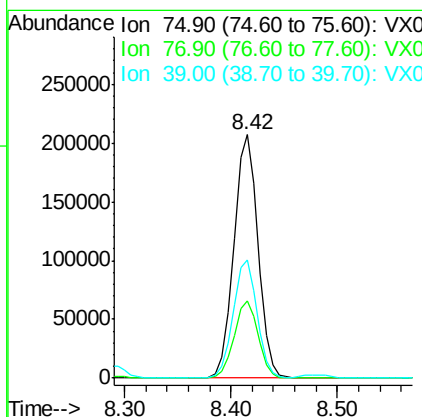
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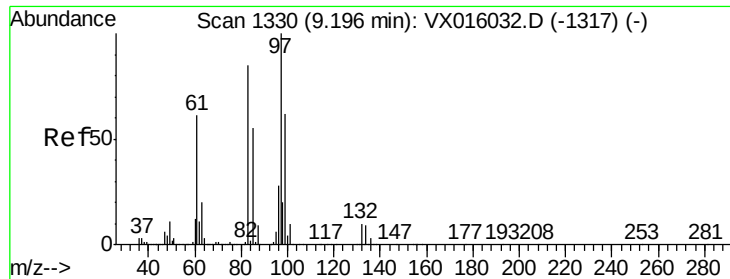
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#54
cis-1,3-Dichloropropene
Concen: 49.422 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.9	24.7	37.1
39	48.2	38.7	58.1





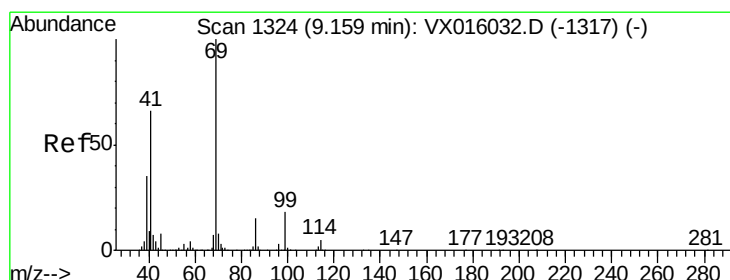
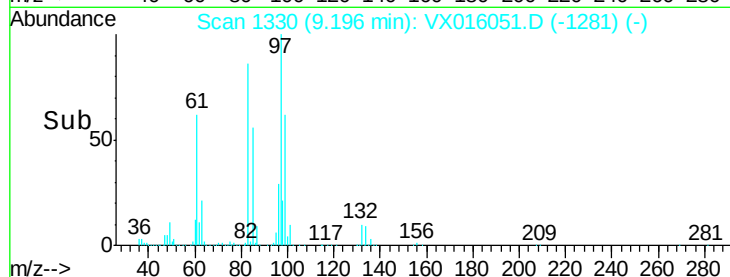
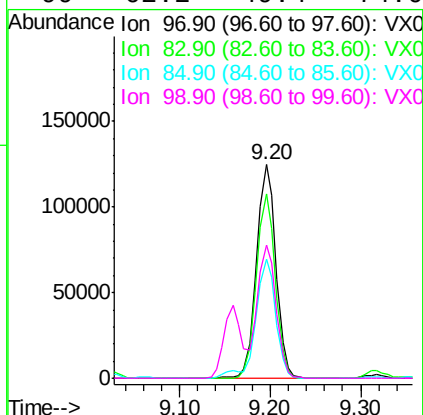
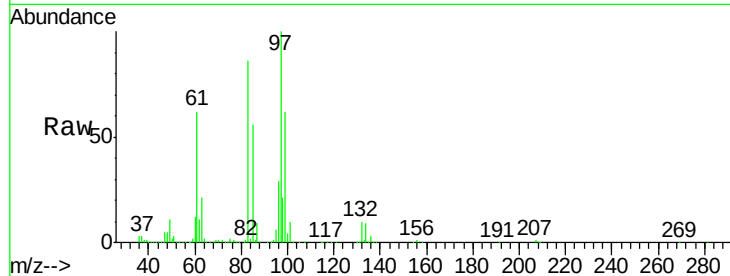
#55
 1,1,2-Trichloroethane
 Concen: 49.401 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	185169
Ion	Ratio	Lower	Upper
97	100		
83	86.4	67.8	101.8
85	55.5	43.8	65.8
99	62.2	49.4	74.0

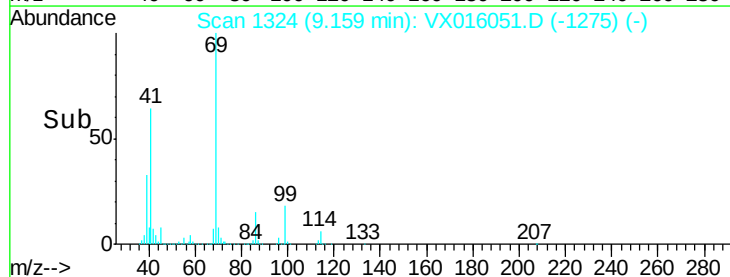
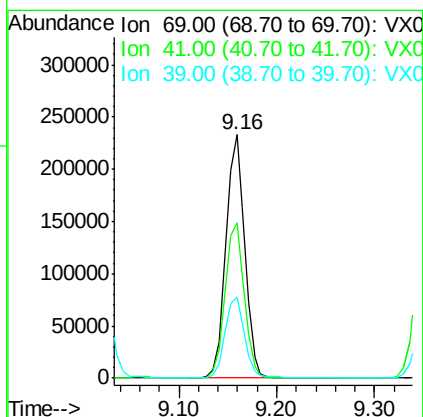
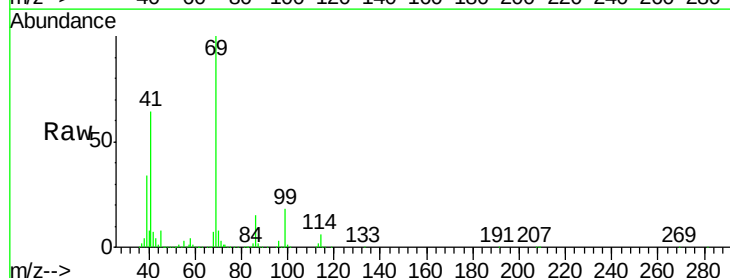
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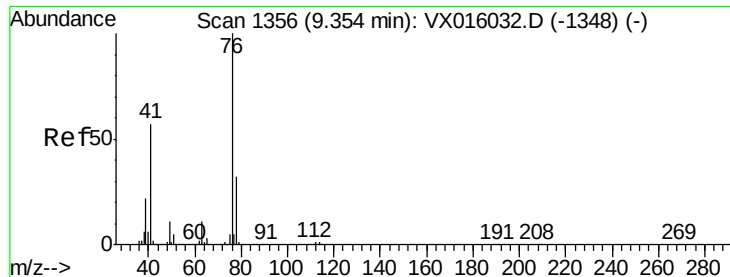
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#56
 Ethyl methacrylate
 Concen: 50.729 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion:	69	Resp:	310383
Ion	Ratio	Lower	Upper
69	100		
41	64.9	52.2	78.4
39	34.9	28.2	42.4





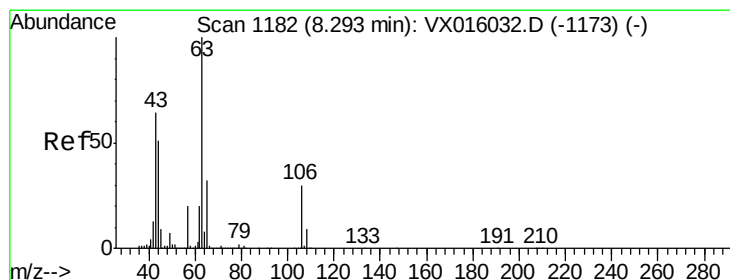
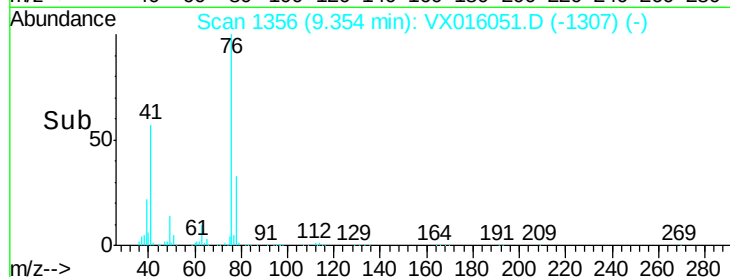
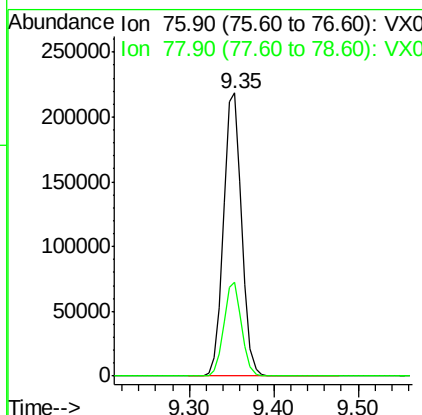
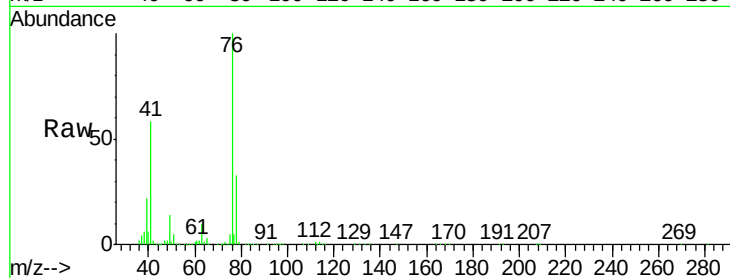
#57
 1,3-Dichloropropane
 Concen: 49.463 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.9	38.9

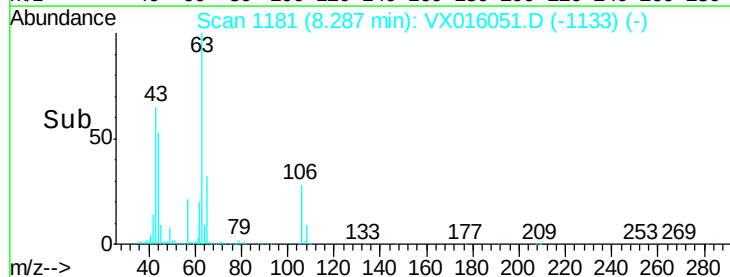
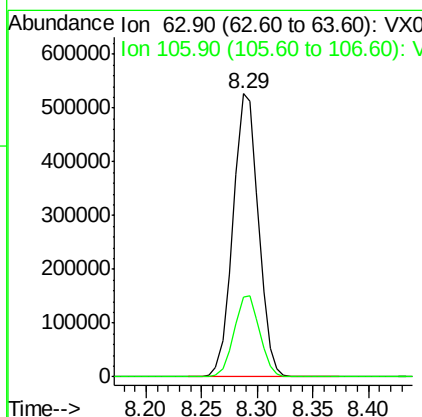
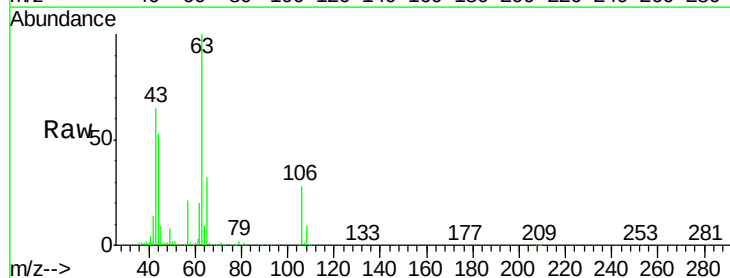
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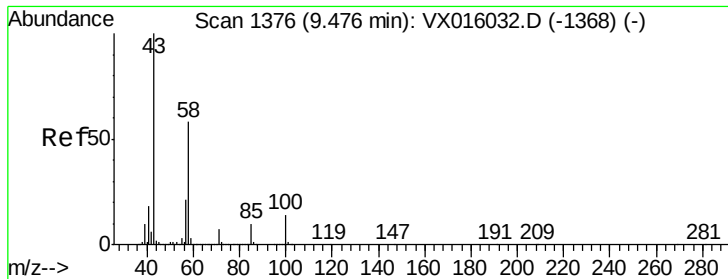
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#58
 2-Chloroethyl Vinyl ether
 Concen: 255.319 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.8	23.4	35.2





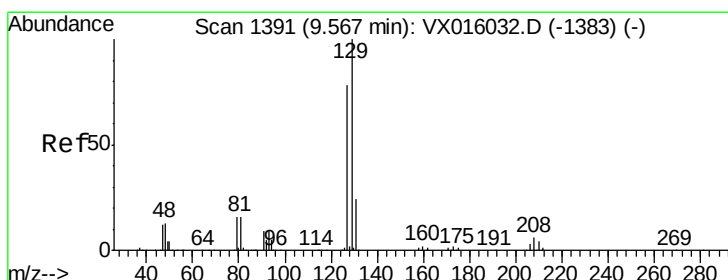
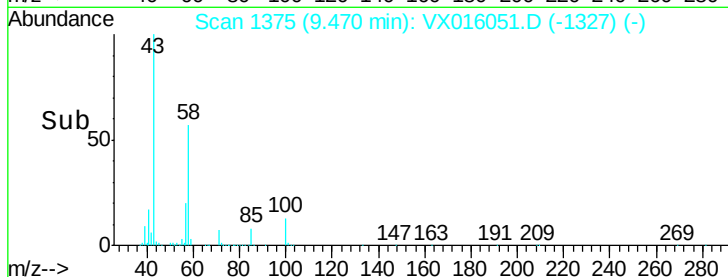
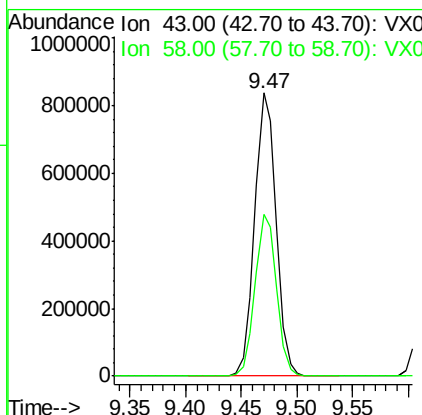
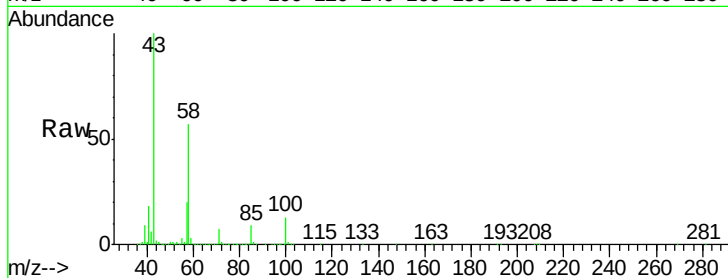
#59
2-Hexanone
Concen: 242.535 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1125948
Ion Ratio Lower Upper
43 100
58 57.3 28.6 85.9

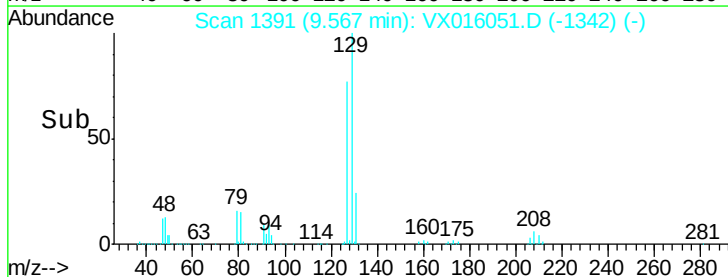
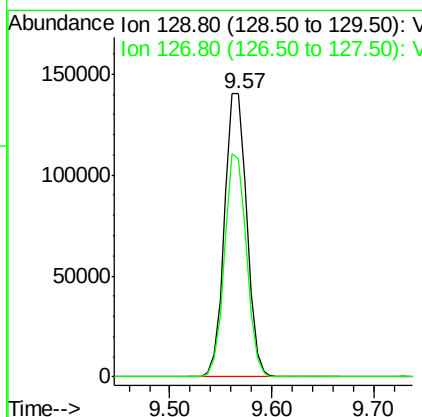
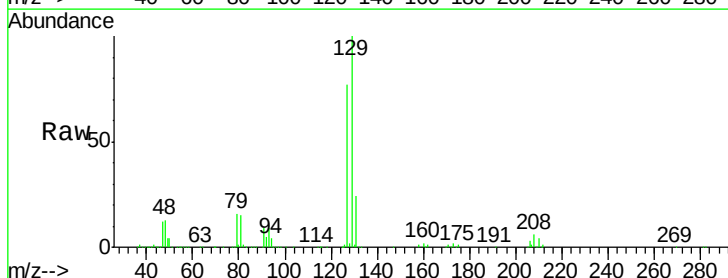
Manual Integrations
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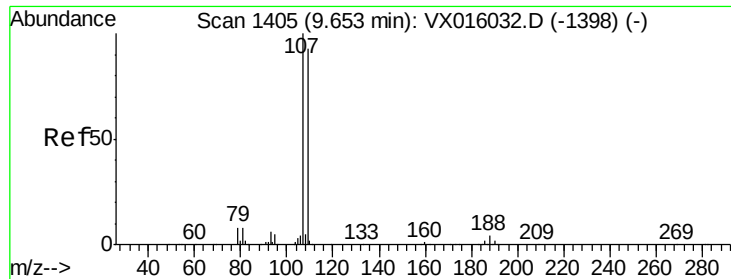
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#60
Dibromochloromethane
Concen: 51.389 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion: 129 Resp: 212146
Ion Ratio Lower Upper
129 100
127 77.4 38.4 115.2





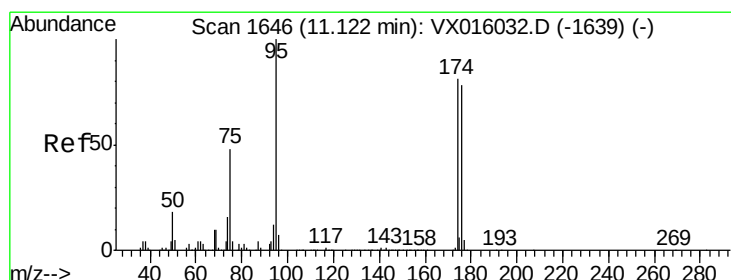
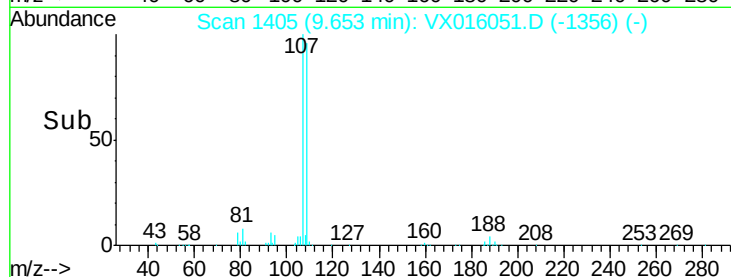
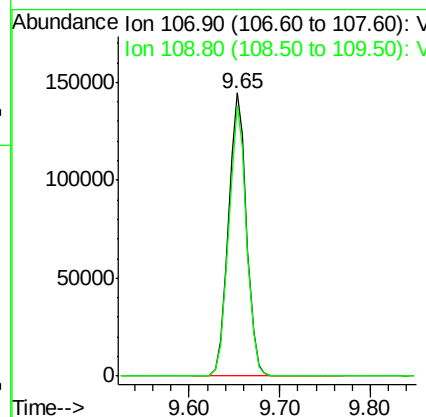
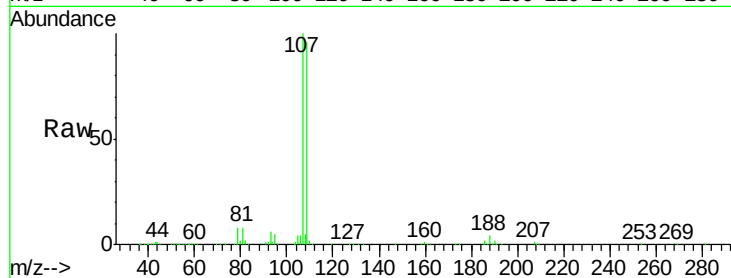
#61
 1,2-Dibromoethane
 Concen: 49.801 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
107	100	202195		
109	94.2	74.9	112.3	

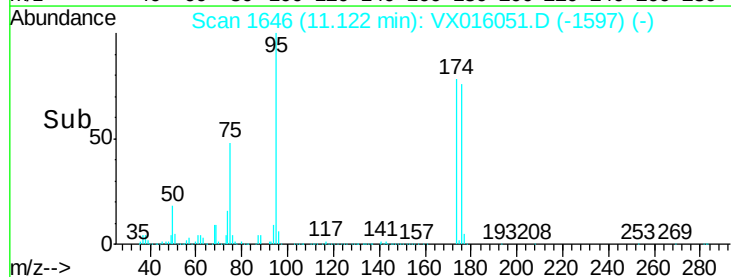
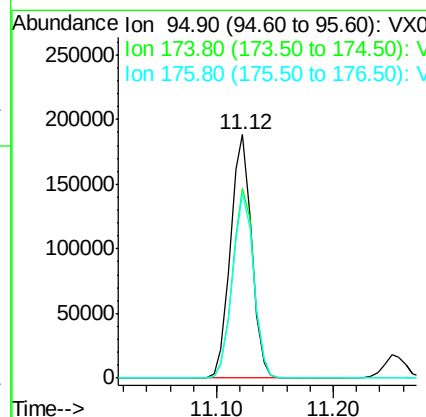
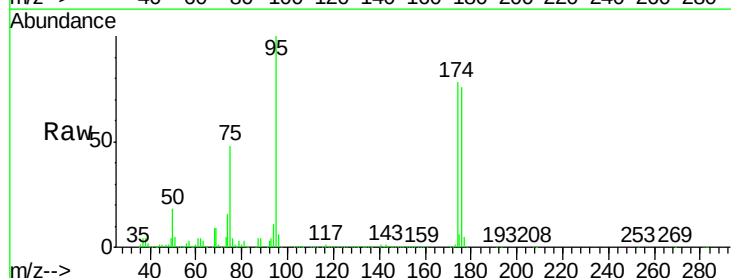
Manual Integrations
 APPROVED

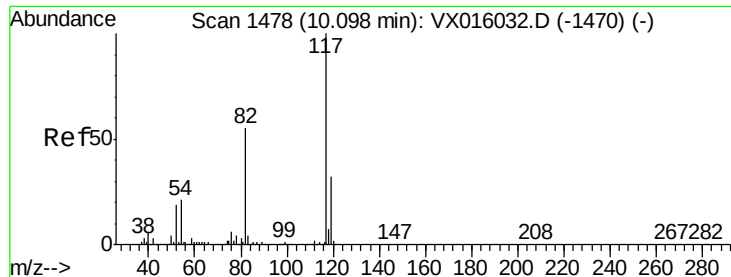
MMDadoda
 5/6/2020 12:26:55 PM



#62
 4-Bromofluorobenzene
 Concen: 47.979 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	236401		
174	78.9	0.0	159.4	
176	76.5	0.0	157.6	





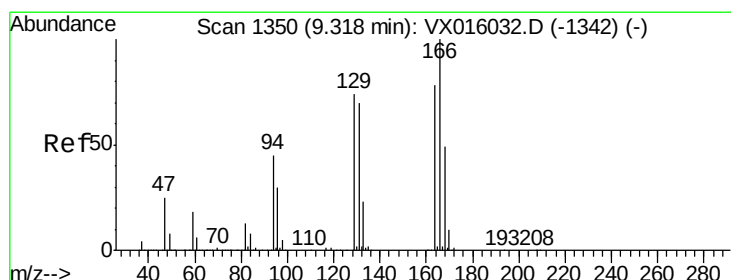
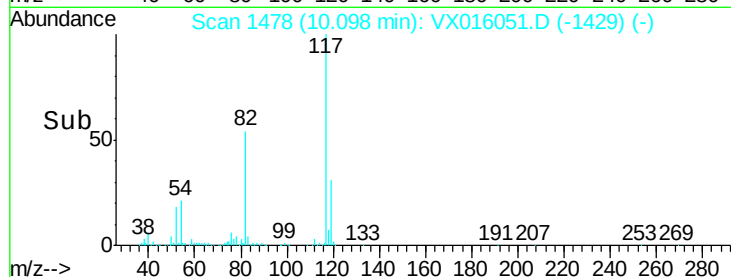
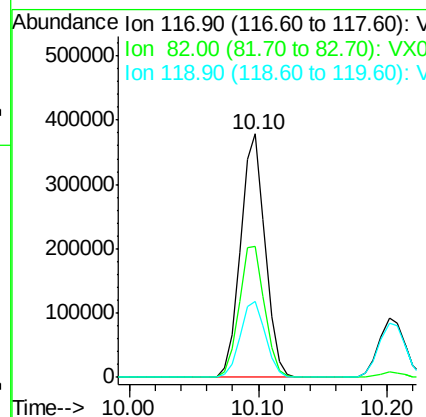
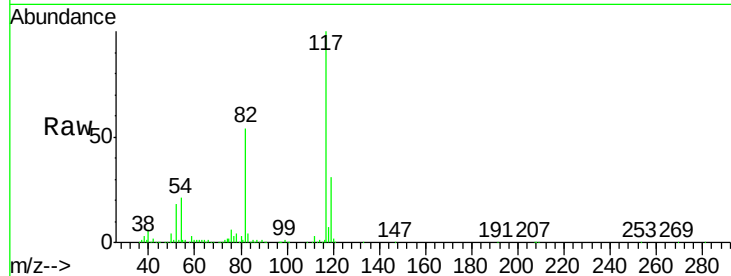
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	498740		
82	54.0		44.4	66.6
119	31.2		25.5	38.3

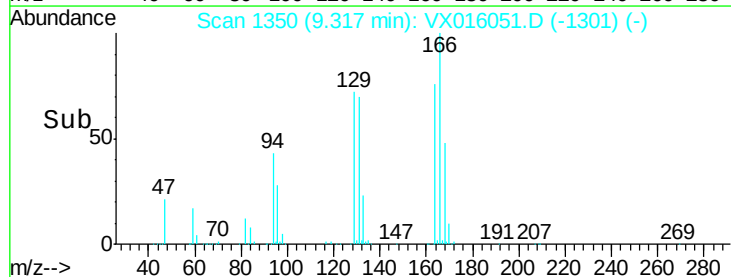
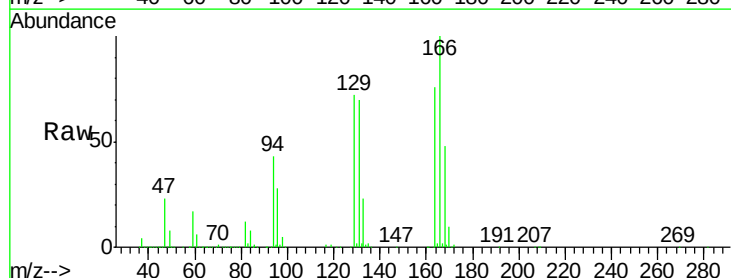
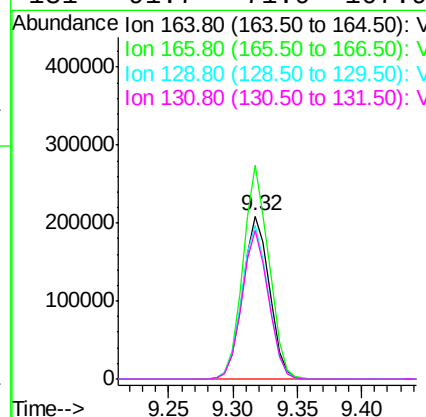
Manual Integrations
APPROVED

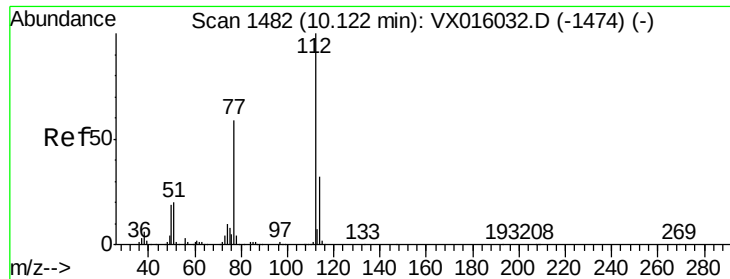
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#64
Tetrachloroethene
Concen: 48.929 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	299575		
166	131.4		102.9	154.3
129	94.8		76.1	114.1
131	91.7		71.9	107.9





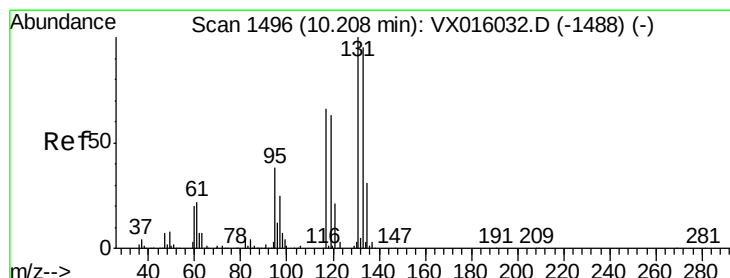
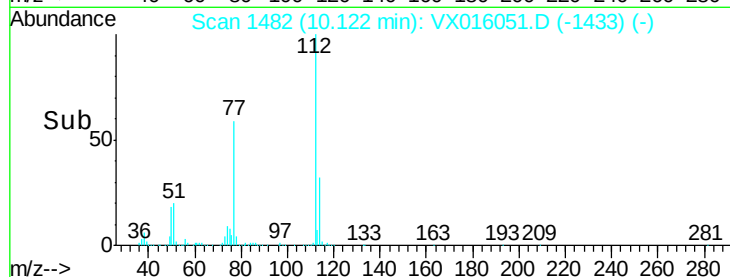
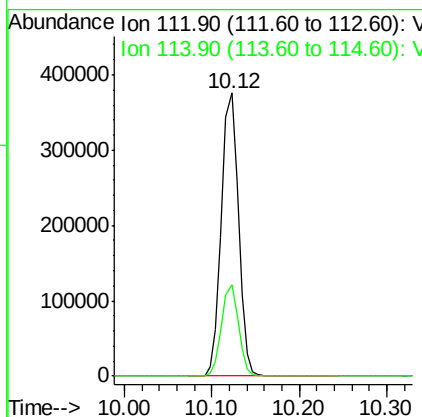
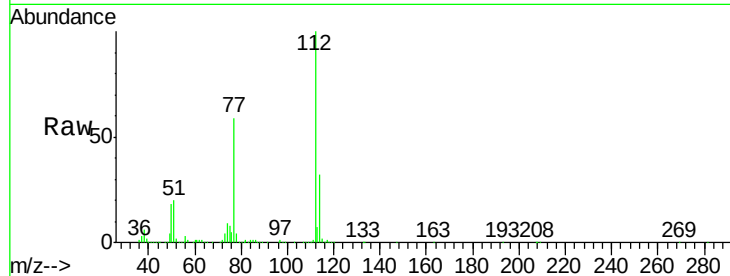
#65
Chlorobenzene
Concen: 48.590 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.7	38.5

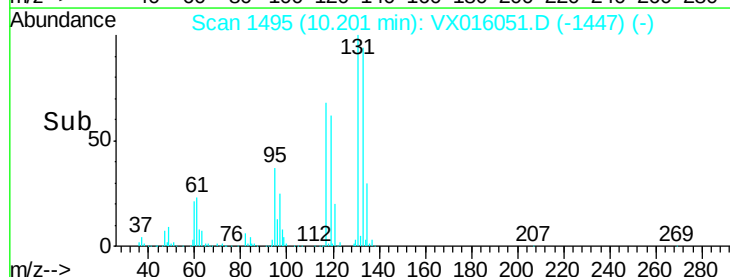
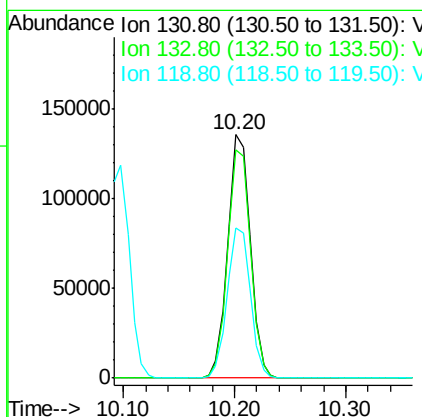
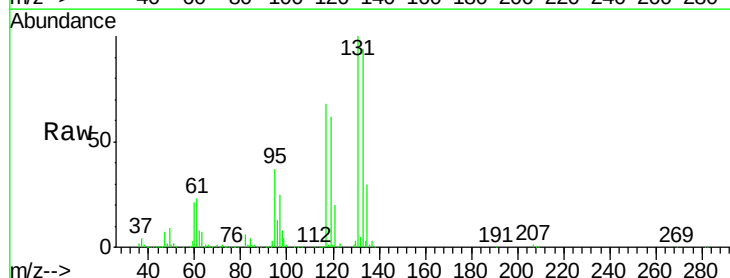
Manual Integrations
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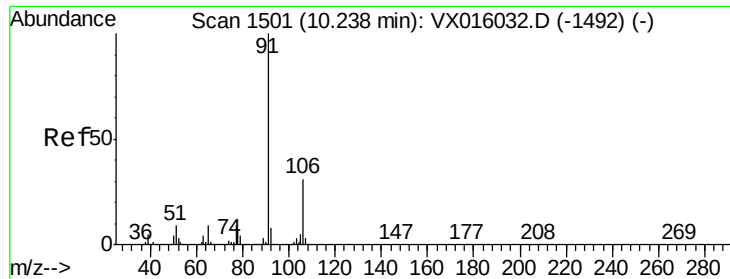
MMDadoda
5/6/2020 12:26:55 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.344 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	48.3	144.8
119	63.4	32.3	96.9





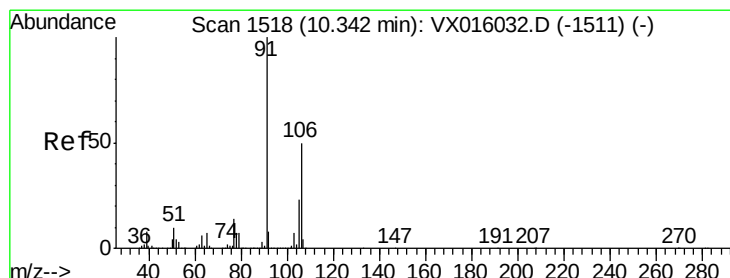
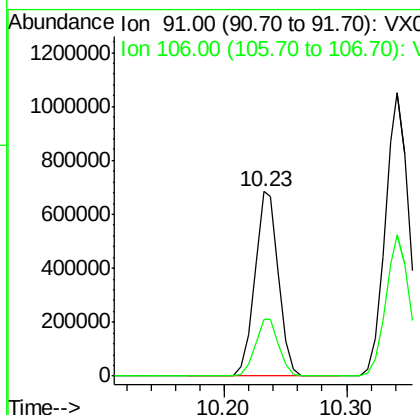
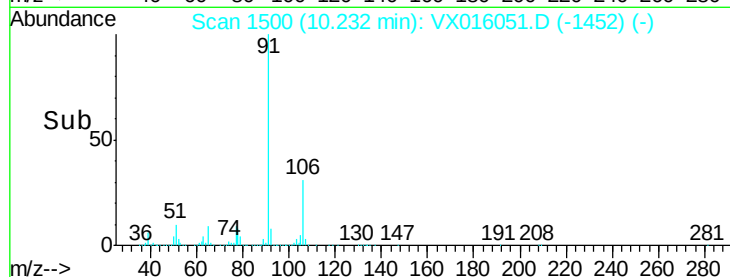
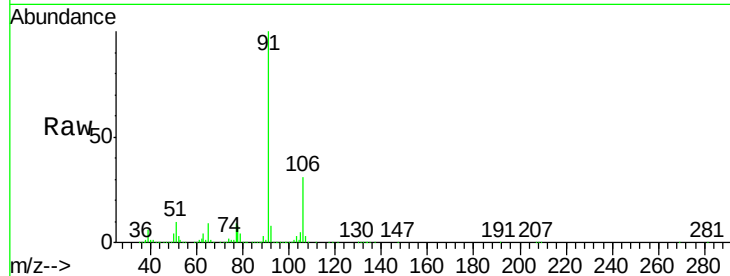
#67
Ethyl Benzene
Concen: 49.389 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 920266
Ion Ratio Lower Upper
91 100
106 30.9 25.1 37.7

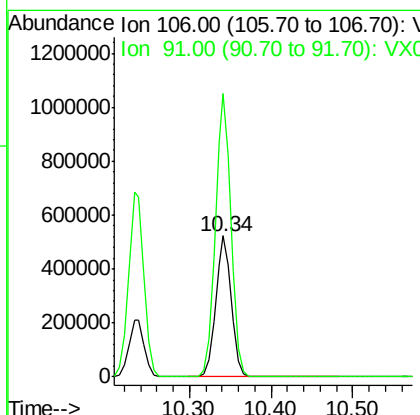
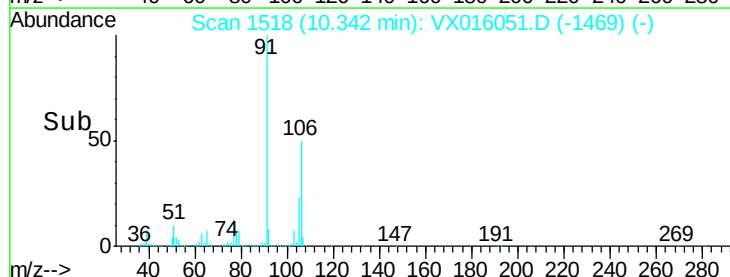
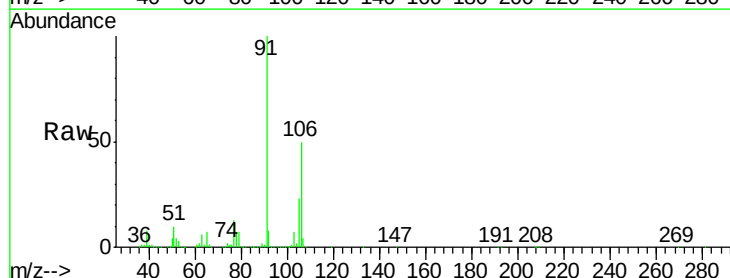
Manual Integrations
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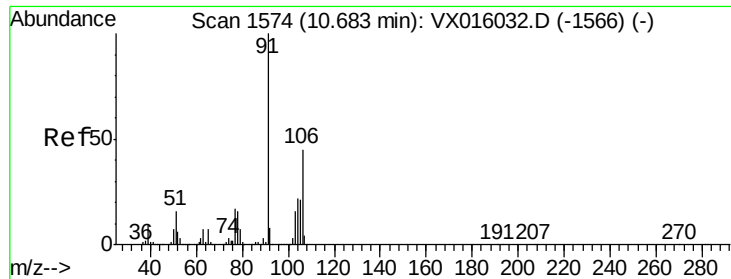
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#68
m/p-Xylenes
Concen: 100.163 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion: 106 Resp: 699246
Ion Ratio Lower Upper
106 100
91 202.8 161.7 242.5





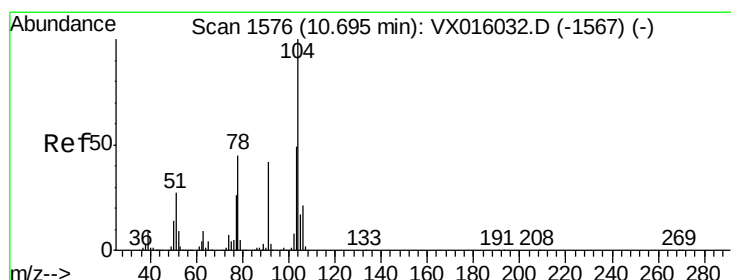
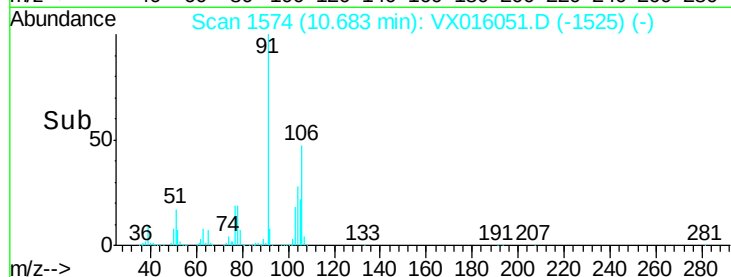
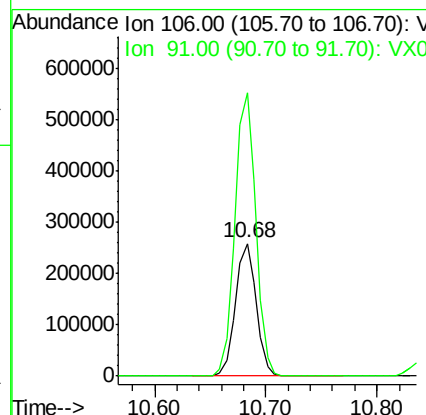
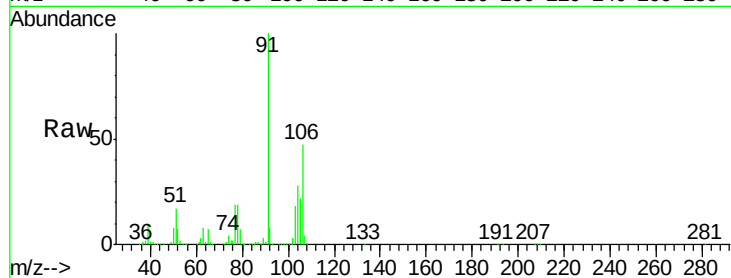
#69
o-Xylene
Concen: 49.591 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	215.0	107.5	322.6

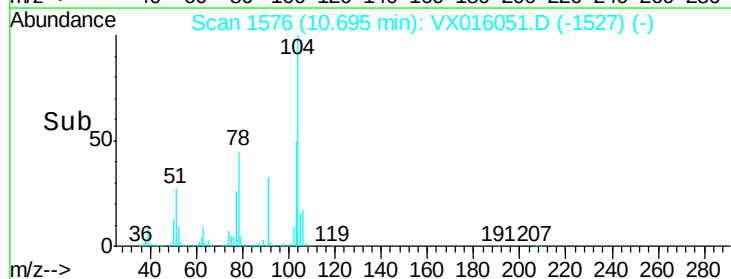
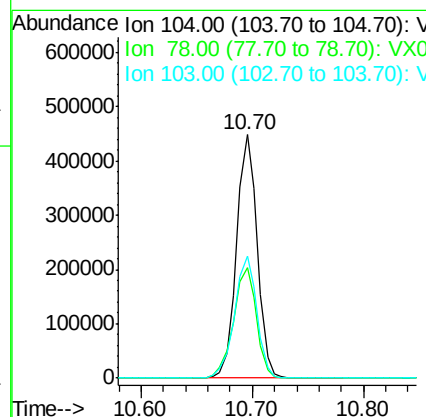
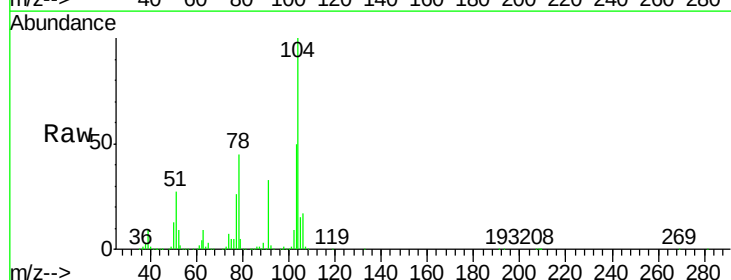
Manual Integrations
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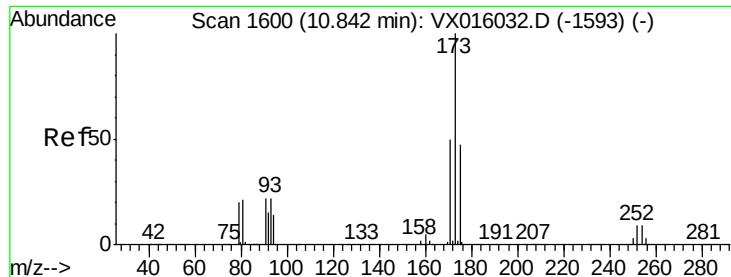
MMDadoda
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#70
Styrene
Concen: 50.370 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.4	40.2	60.2
103	54.3	43.0	64.6





#71

Bromoform

Concen: 49.916 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

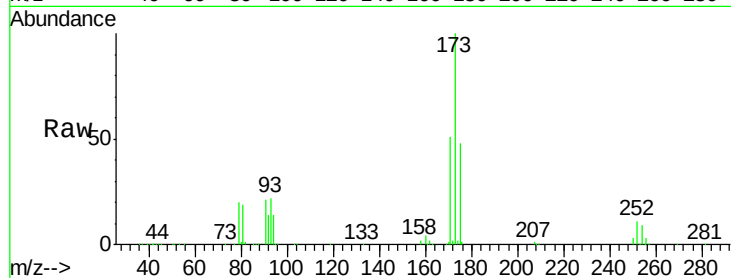
ClientSampleId :

VSTDCCC050

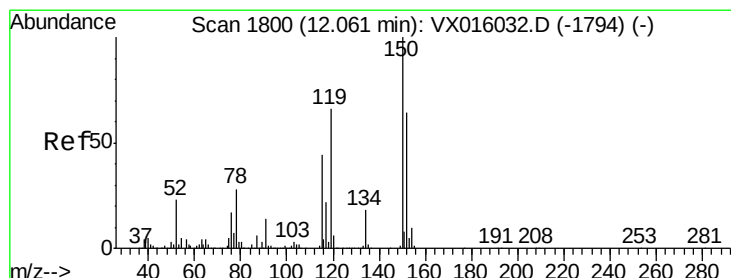
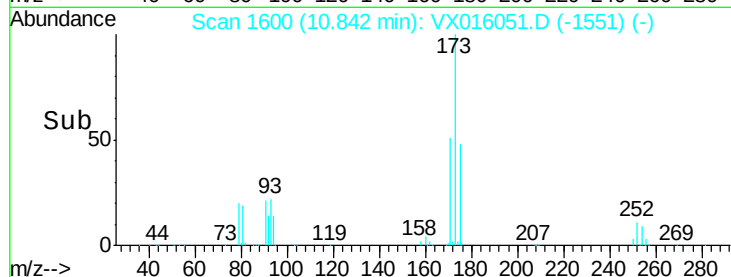
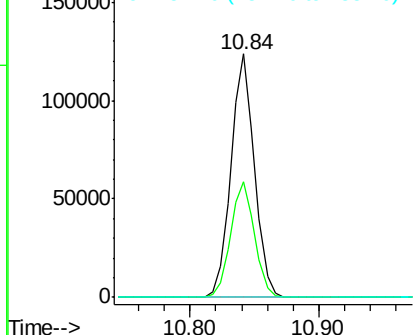
Tot Ion	Ratio	Lower	Upper
173	100		
175	48.6	24.0	72.0
254	0.1	0.1	0.1

Manual Integrations
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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

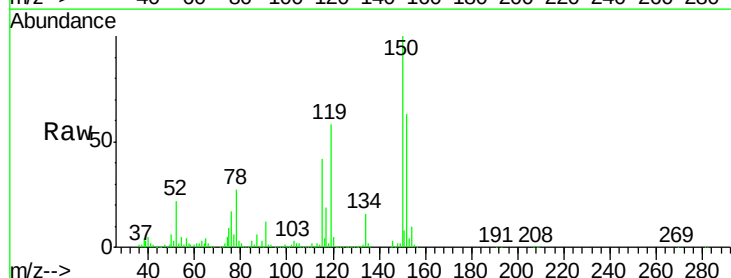
RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

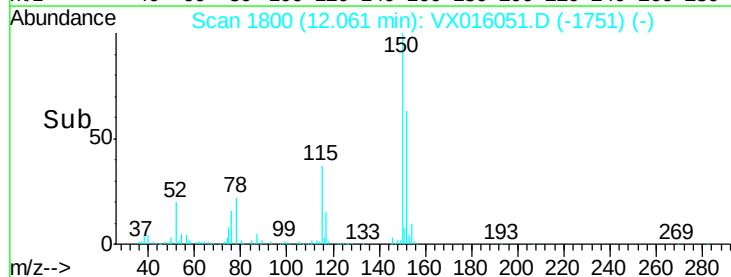
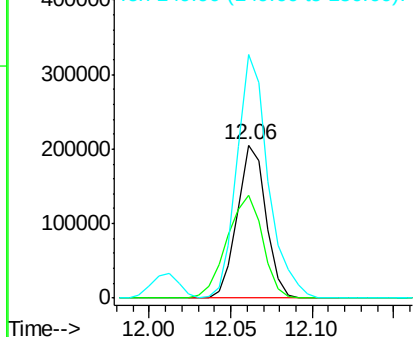
Lab File: VX016051.D

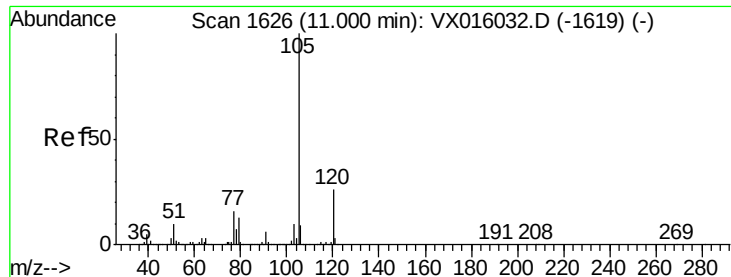
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	82.6	41.3	124.1
150	174.2	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: 49.240 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 899762

Ion Ratio Lower Upper

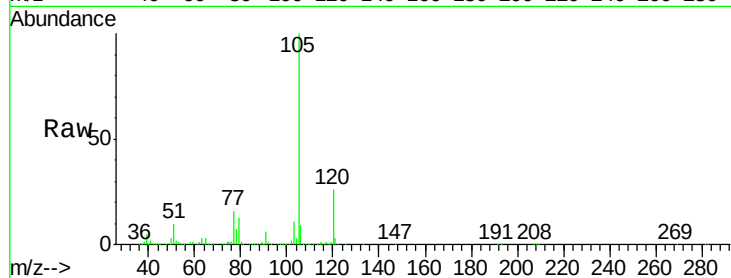
105 100

120 26.8 13.4 40.2

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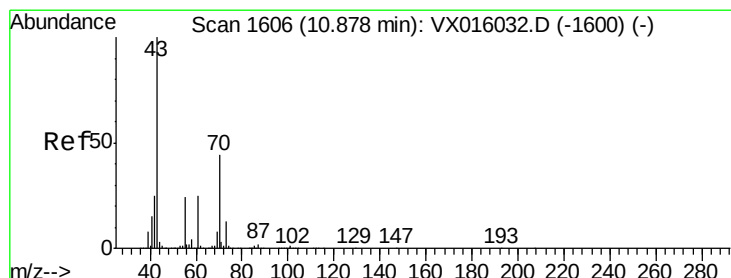
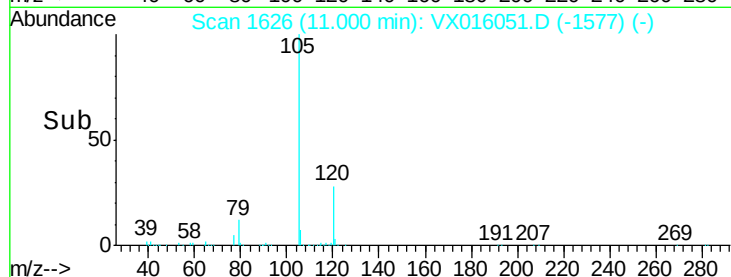
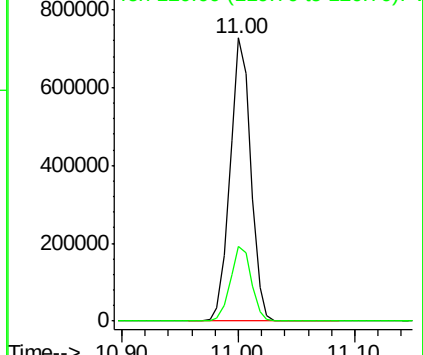
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.814 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Tgt Ion: 43 Resp: 407530

Ion Ratio Lower Upper

43 100

70 45.0 36.5 54.7

55 24.6 19.7 29.5

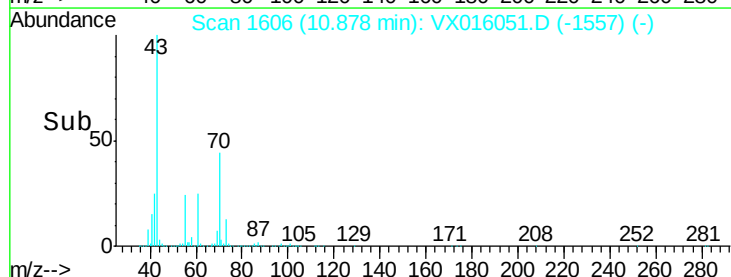
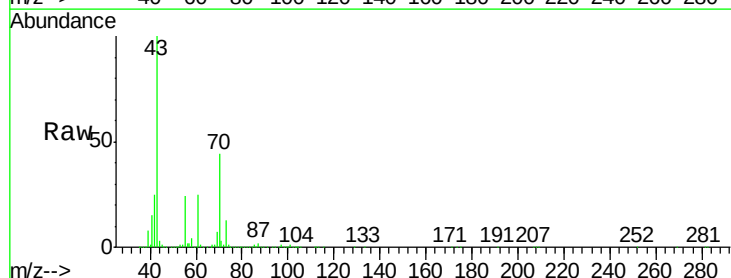
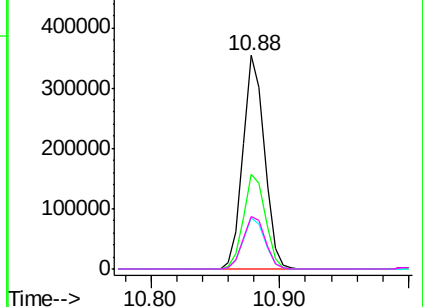
61 25.4 20.9 31.3

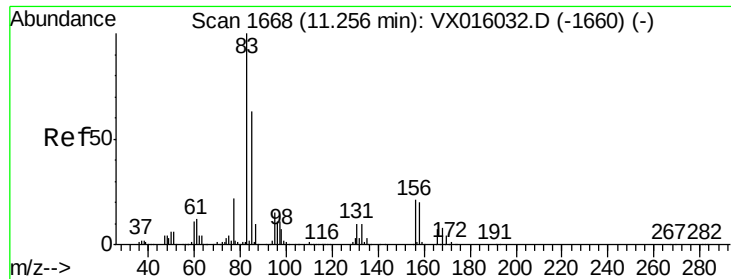
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 41.961 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

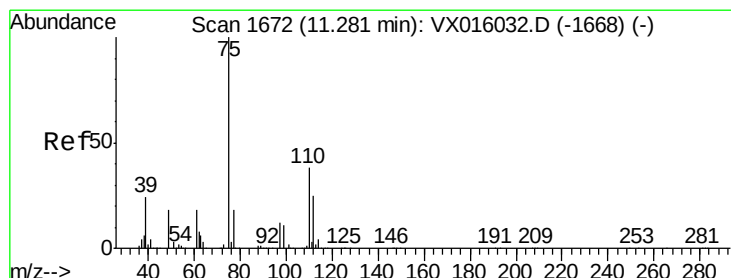
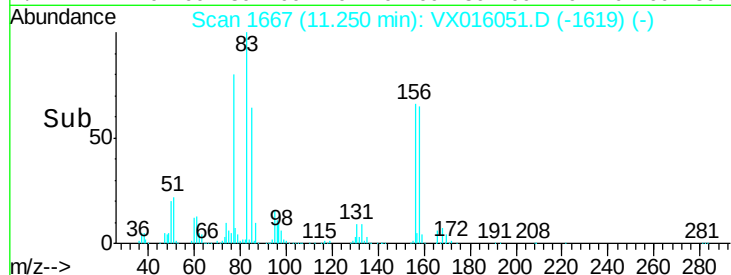
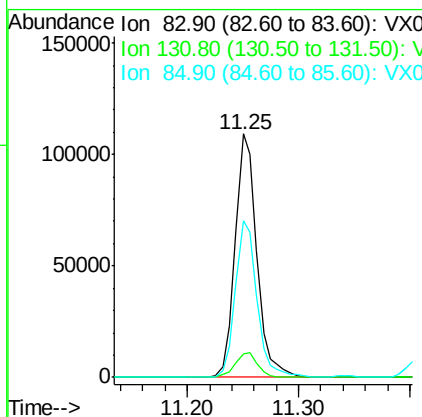
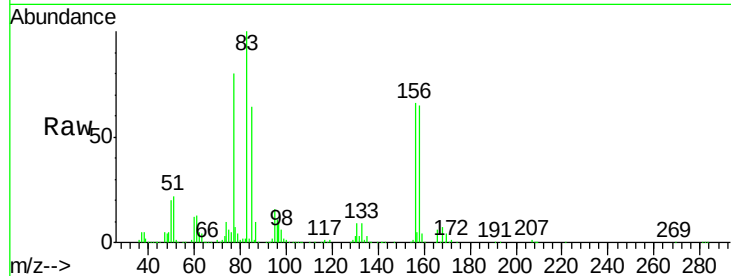
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	147019
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.4
85	64.8	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 48.427 ug/l m

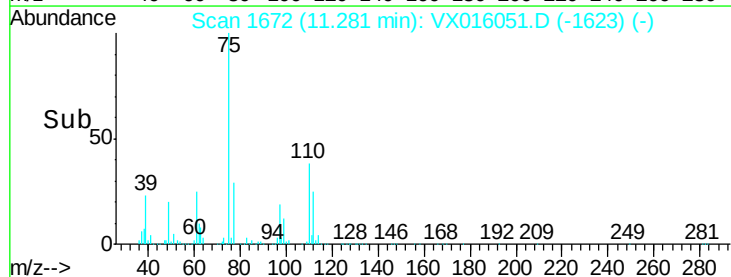
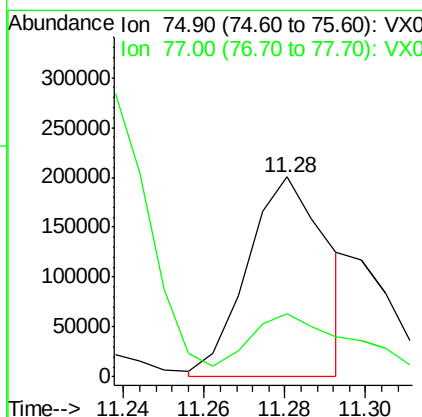
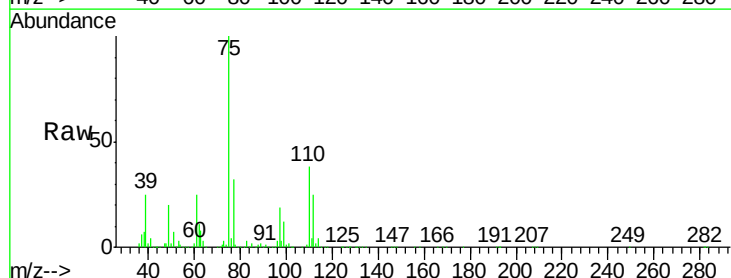
RT: 11.28 min Scan# 1672

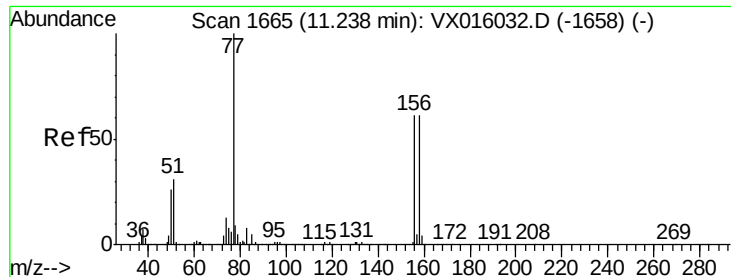
Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Tgt Ion:	75	Resp:	276081
Ion Ratio	Lower	Upper	
75	100		
77	41.7	21.2	63.6





#77

Bromobenzene

Concen: 47.862 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

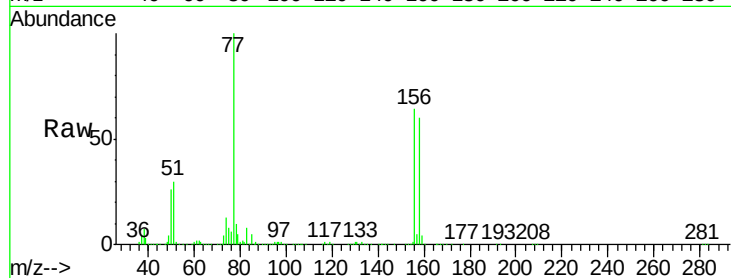
ClientSampled :

VSTDCCC050

Tot Ion:	156	Resp:	225740
Ion Ratio	Lower	Upper	
156	100		
77	160.4	80.1	240.3
158	95.9	49.4	148.2

Manual Integrations
APPROVED

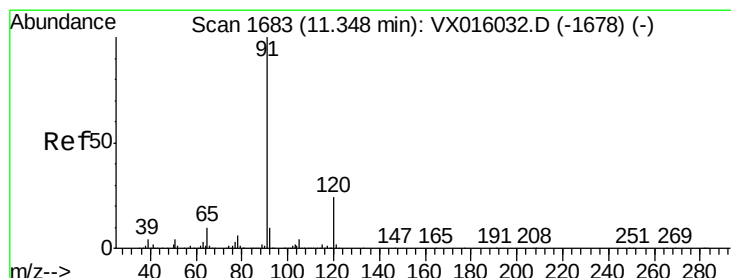
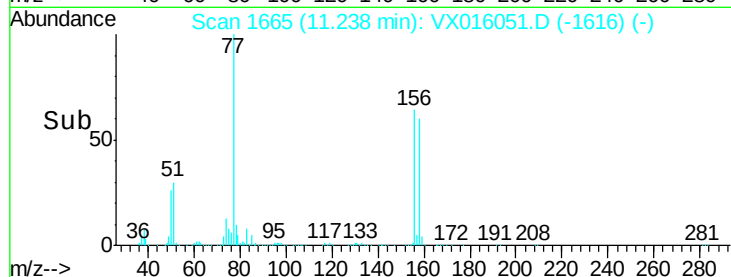
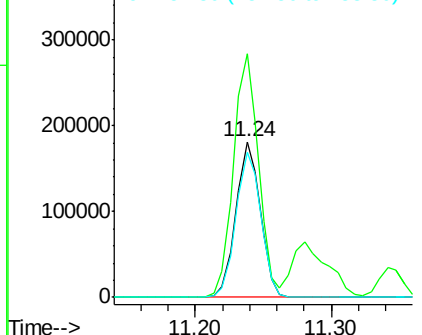
MMDadoda
5/6/2020 12:26:55 PM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.835 ug/l

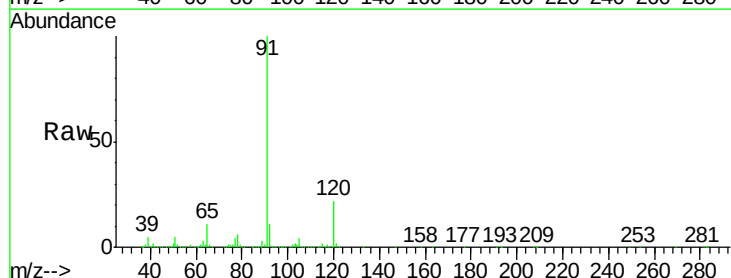
RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX016051.D

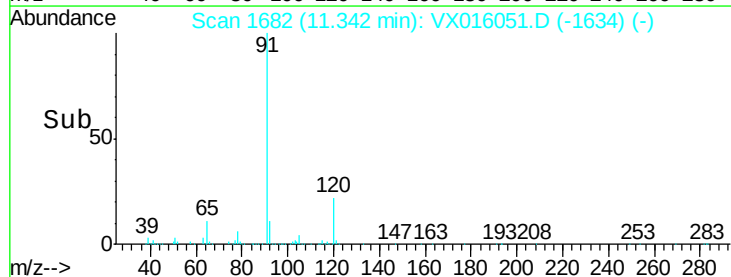
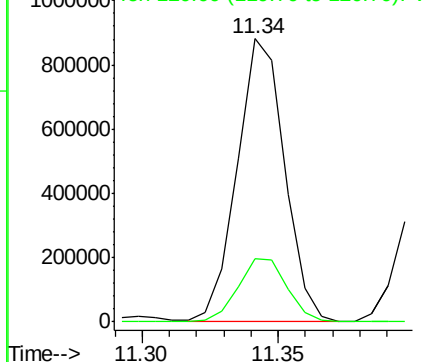
Acq: 05 May 2020 09:58

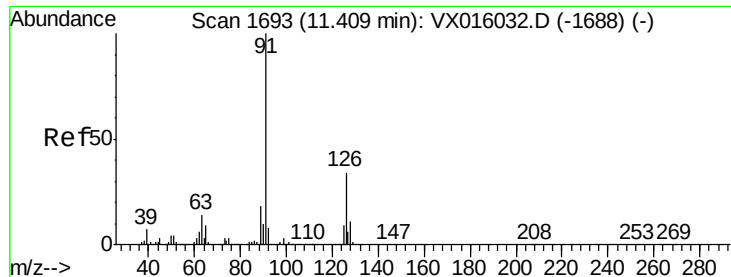
Tgt Ion:	91	Resp:	1059369
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.5	34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.647 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 610410

Ion Ratio Lower Upper

91 100

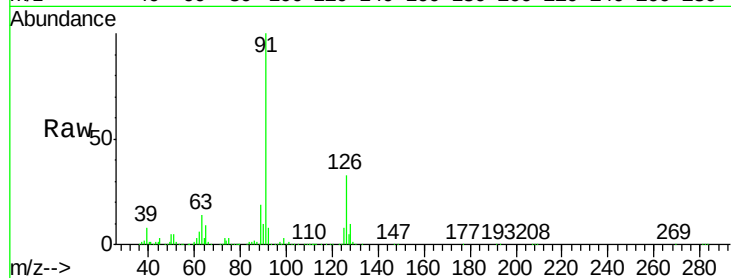
126 33.9 16.9 50.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX016032.D (-1688) (-)

Ion 125.90 (125.60 to 126.60): VX016032.D (-1688) (-)

1000000

800000

600000

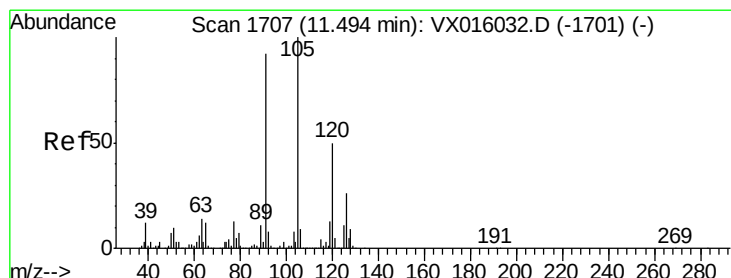
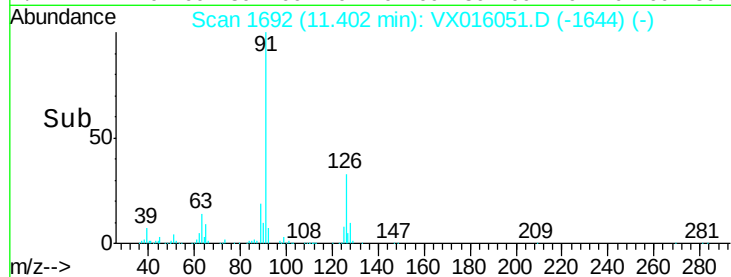
400000

200000

0

11.35 11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.510 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX016051.D

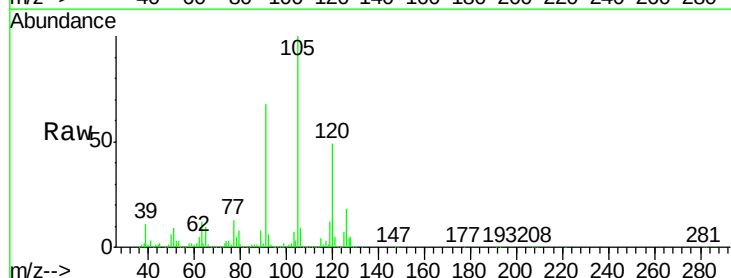
Acq: 05 May 2020 09:58

Tgt Ion: 105 Resp: 763853

Ion Ratio Lower Upper

105 100

120 49.2 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VX016032.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX016032.D (-1701) (-)

600000

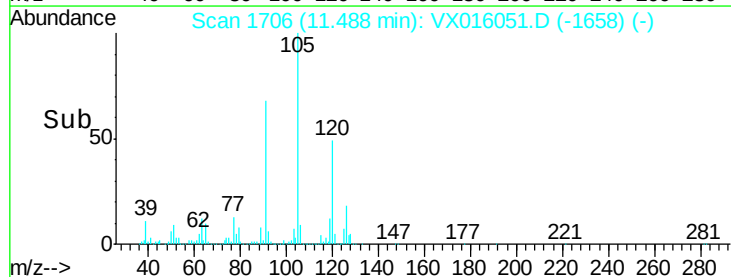
400000

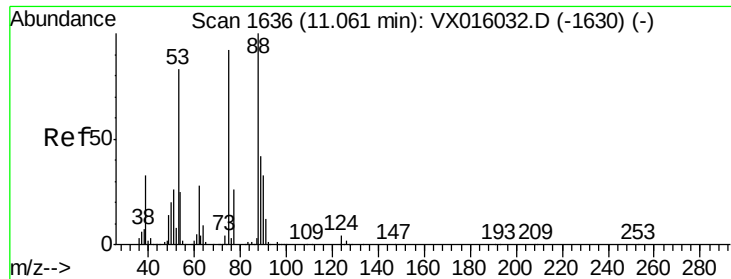
200000

0

11.45 11.50 11.55

Time-->





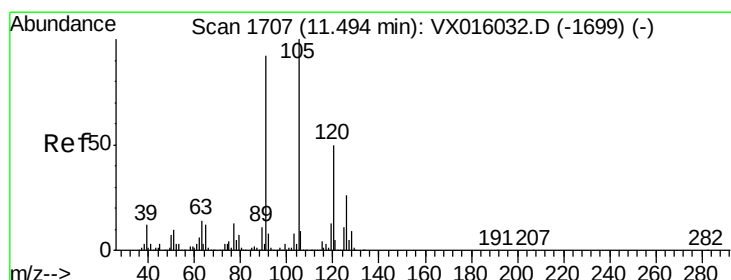
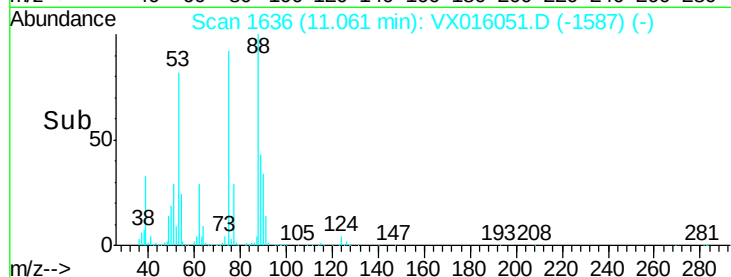
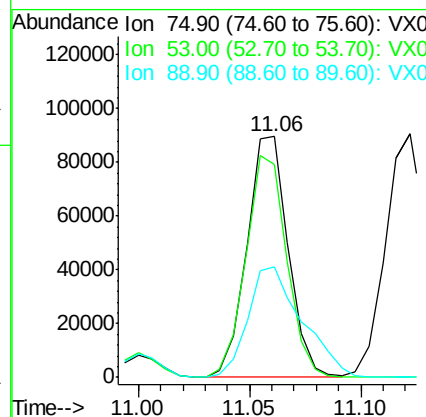
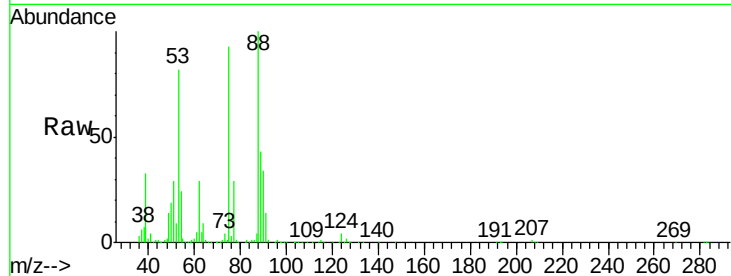
#81
trans-1,4-Dichloro-2-butene
Concen: 48.320 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	91.7	73.1	109.7
89	60.5	36.7	55.1#

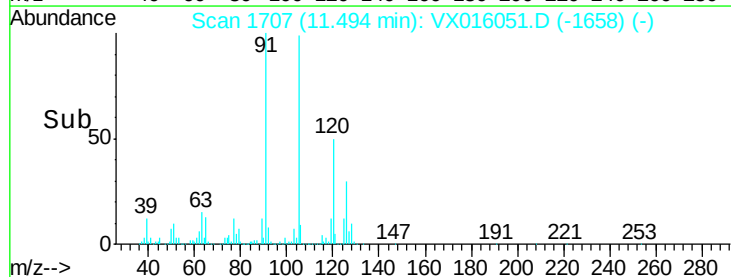
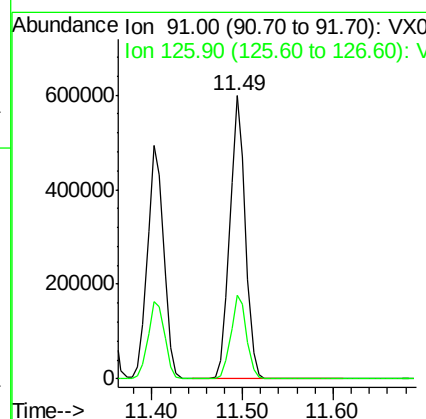
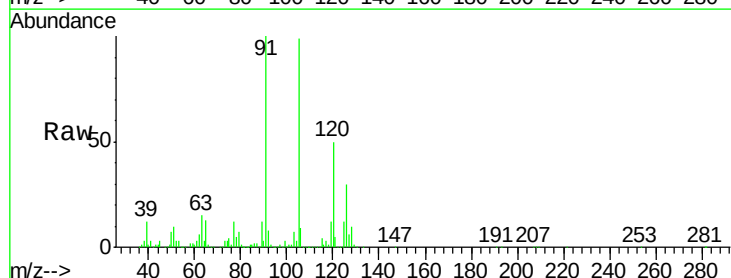
Manual Integrations
APPROVED

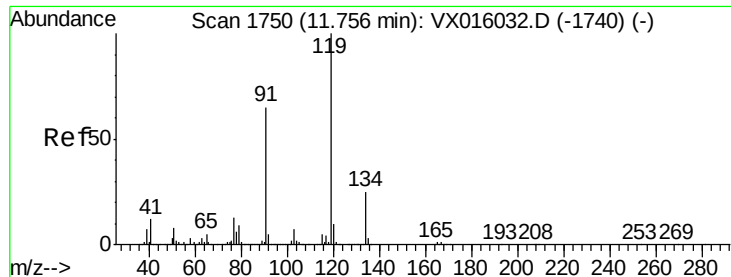
MMDadoda
5/6/2020 12:26:55 PM



#82
4-Chlorotoluene
Concen: 48.864 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.0	14.8	44.3





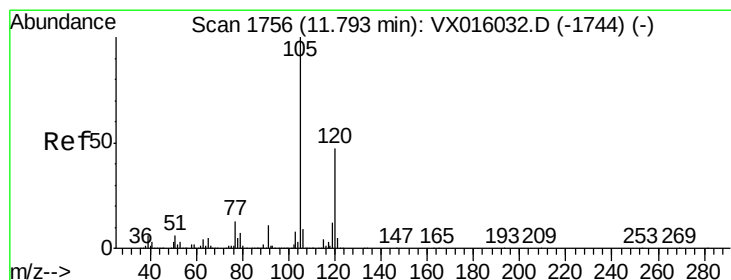
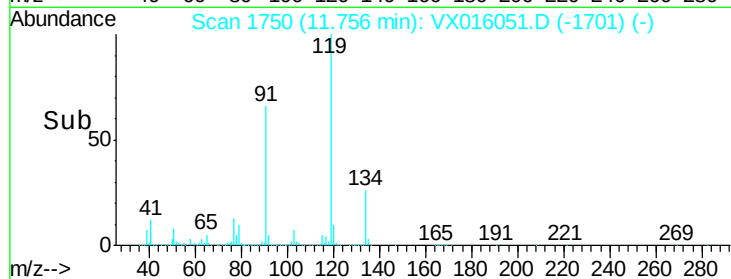
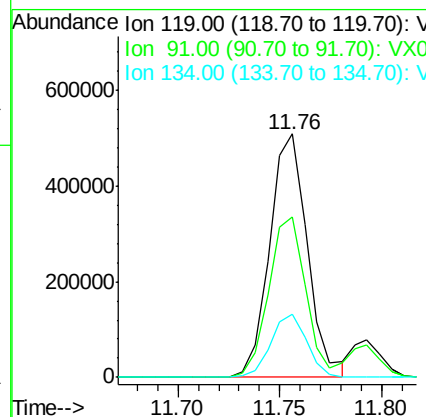
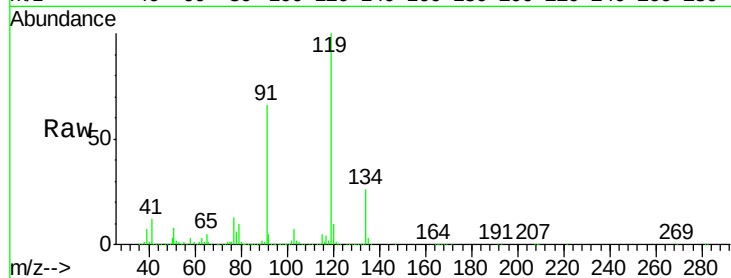
#83
tert-Butylbenzene
Concen: 49.410 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	656953		
91	64.7	32.8	98.4	
134	24.7	12.4	37.0	

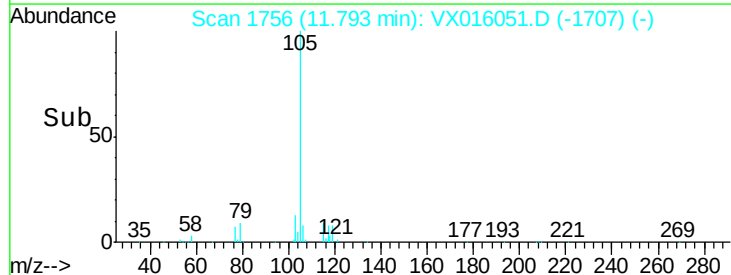
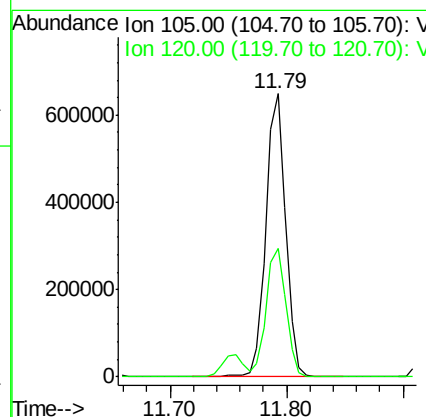
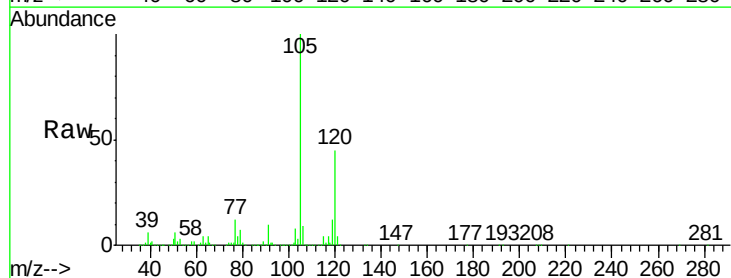
Manual Integrations
APPROVED

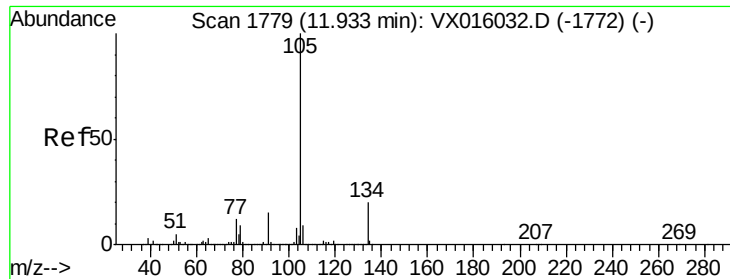
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 49.460 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	771470		
120	45.8	23.0	69.0	





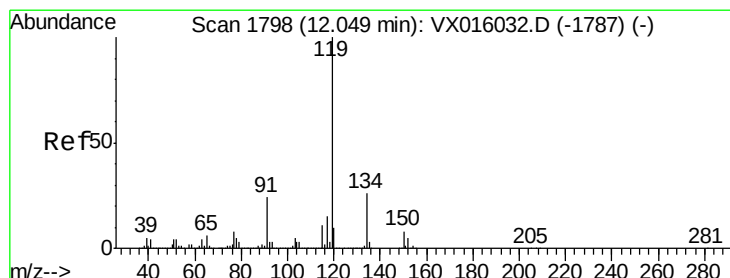
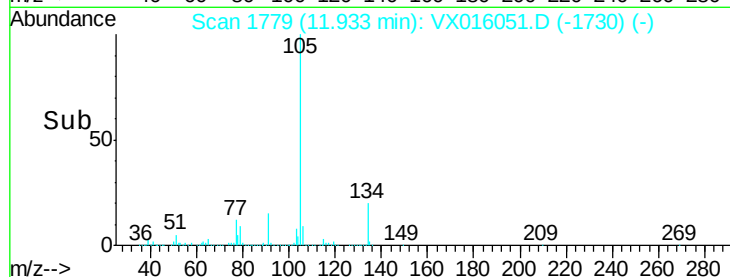
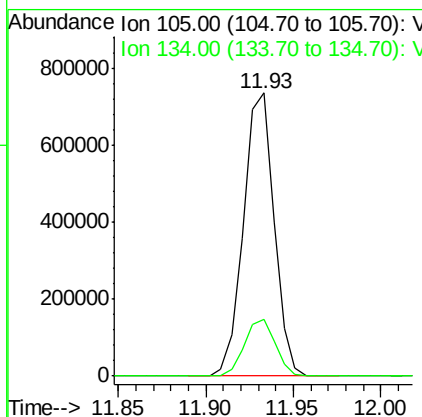
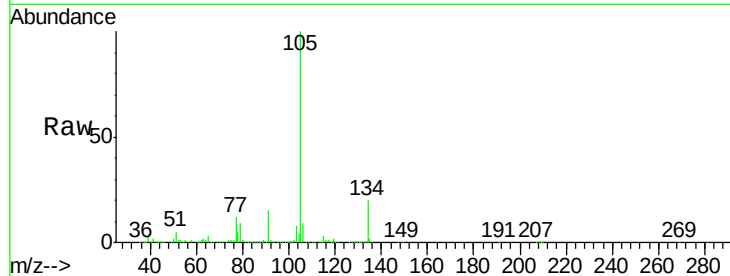
#85
 sec-Butylbenzene
 Concen: 50.139 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.2	10.1	30.3

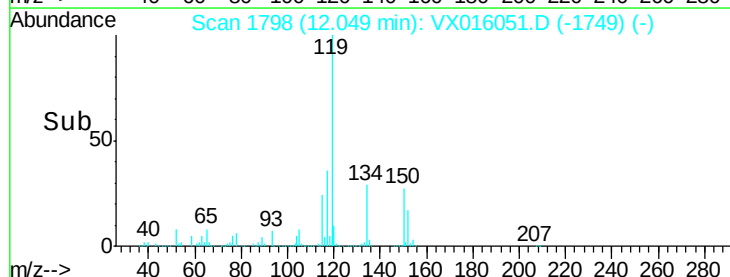
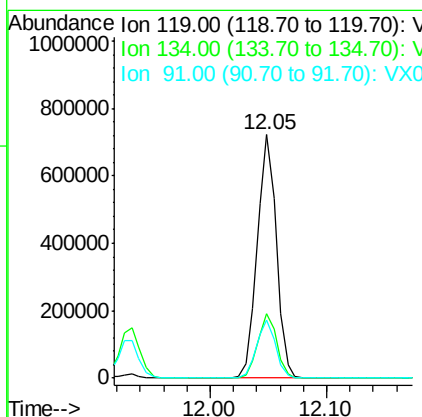
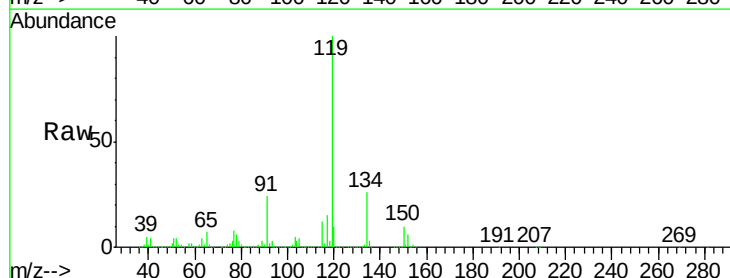
Manual Integrations
 APPROVED

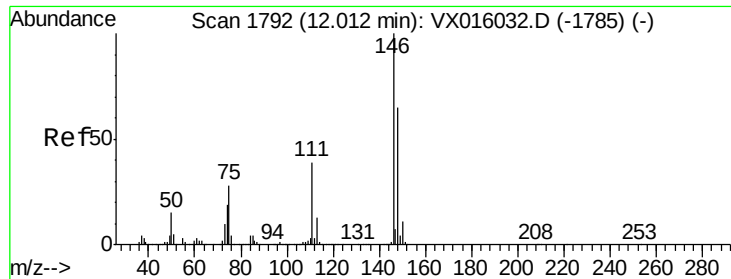
MMDadoda
 5/6/2020 12:26:55 PM



#86
 p-Isopropyltoluene
 Concen: 49.946 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.3	13.1	39.3
91	23.6	11.8	35.4





#87

1,3-Dichlorobenzene

Concen: 47.885 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Instrument :

MSVOA_X

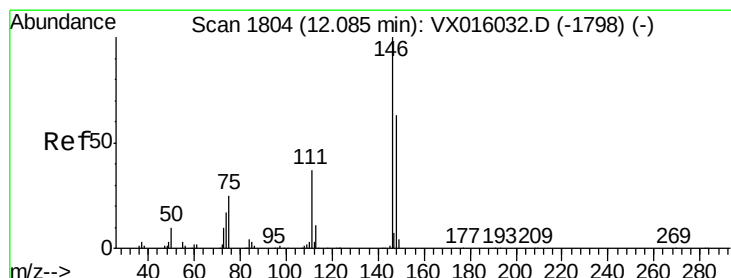
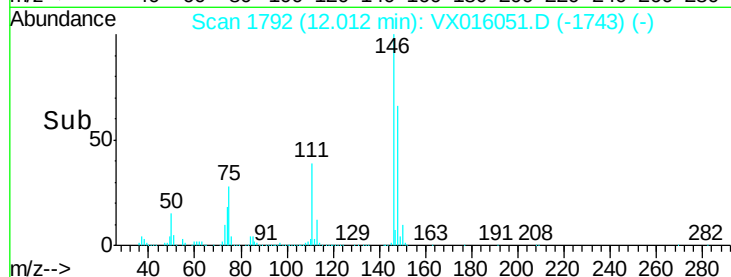
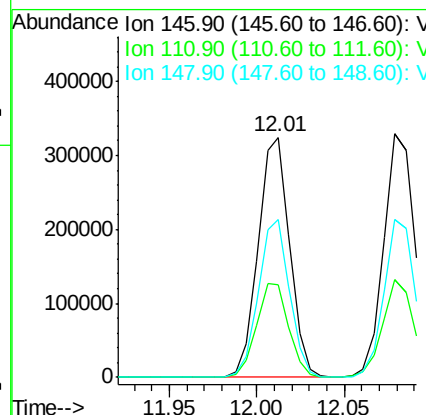
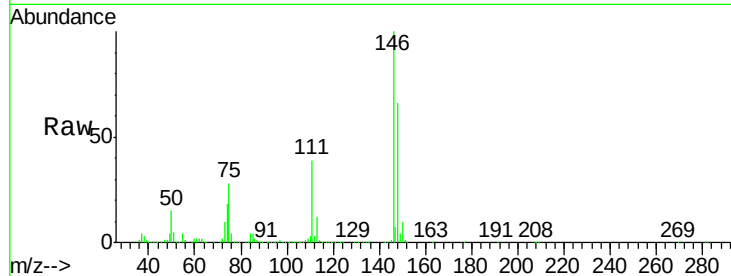
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	405525
Ion Ratio		Lower	Upper
146	100		
111	40.0	20.2	60.6
148	65.1	32.1	96.3

Manual Integrations
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5/6/2020 12:26:55 PM



#88

1,4-Dichlorobenzene

Concen: 47.495 ug/l

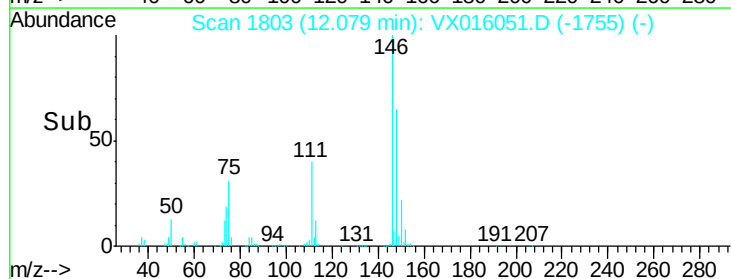
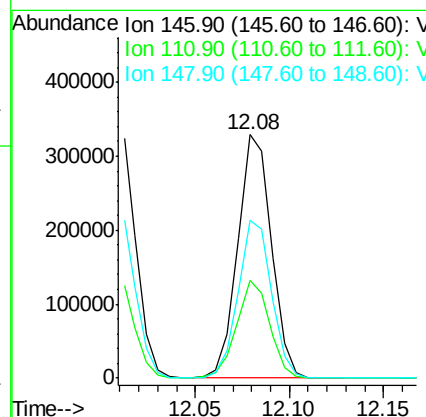
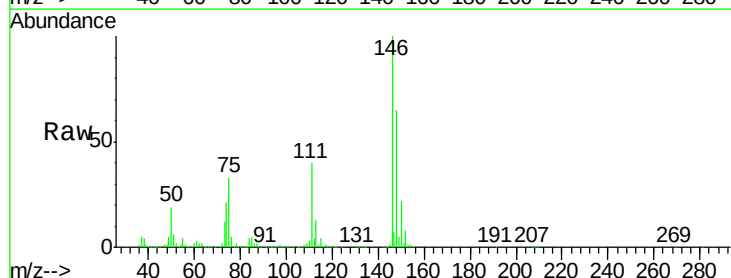
RT: 12.08 min Scan# 1803

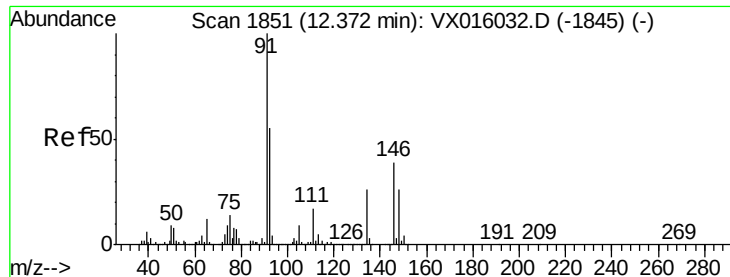
Delta R.T. -0.01 min

Lab File: VX016051.D

Acq: 05 May 2020 09:58

Tgt Ion:	146	Resp:	408245
Ion Ratio		Lower	Upper
146	100		
111	39.6	19.6	58.7
148	64.4	31.8	95.3





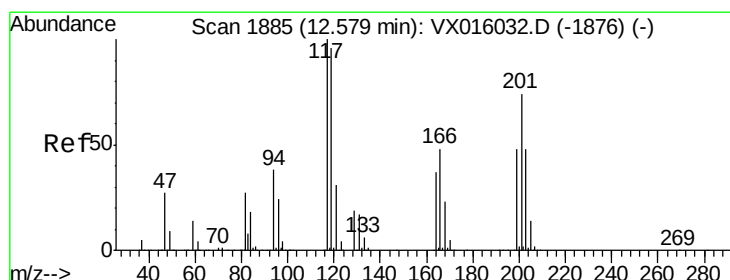
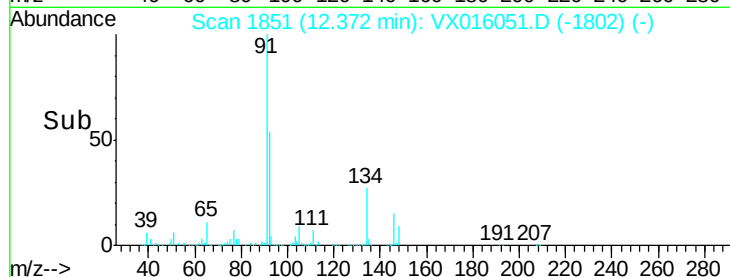
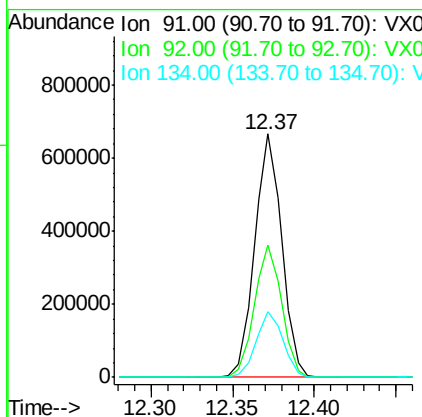
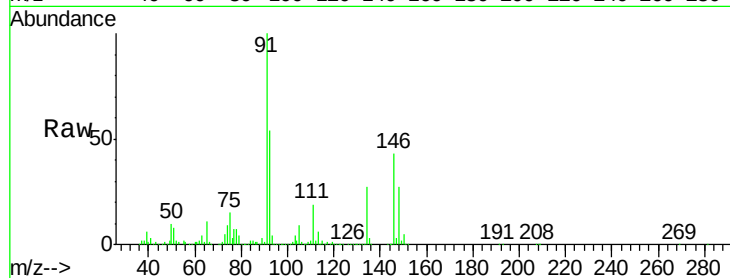
#89
n-Butylbenzene
Concen: 50.662 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	771422		
92	54.5		27.6	82.7
134	26.8		13.4	40.1

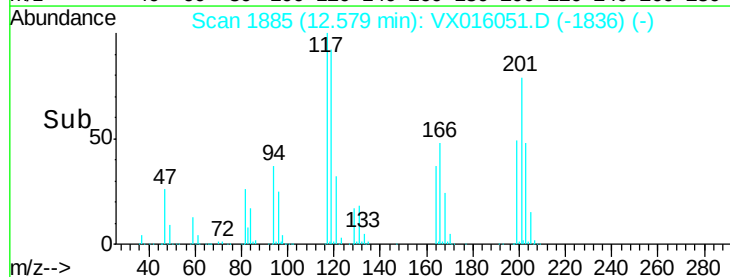
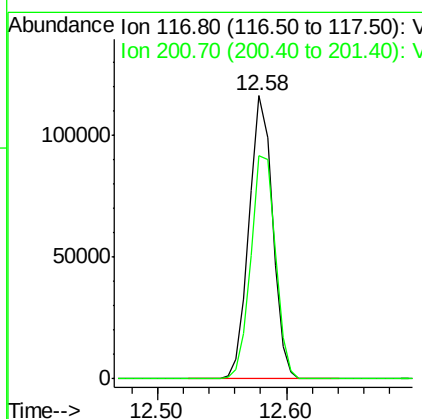
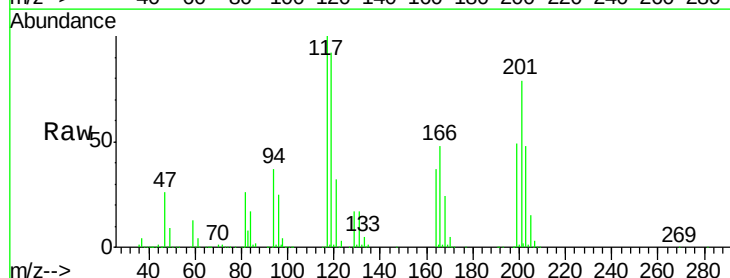
Manual Integrations
APPROVED

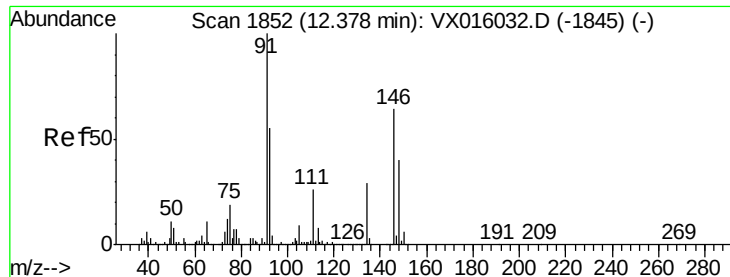
MMDadoda
5/6/2020 12:26:55 PM



#90
Hexachloroethane
Concen: 50.832 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	145506		
201	82.4		39.8	119.3





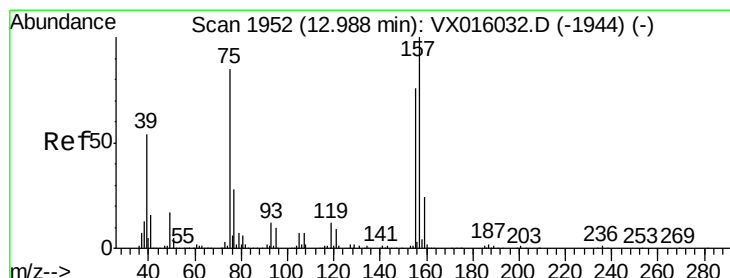
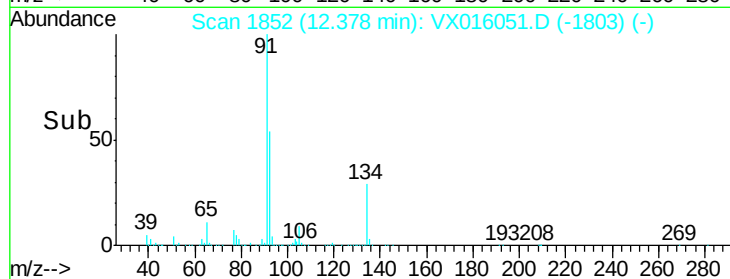
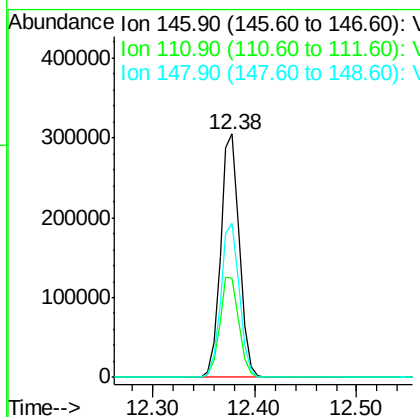
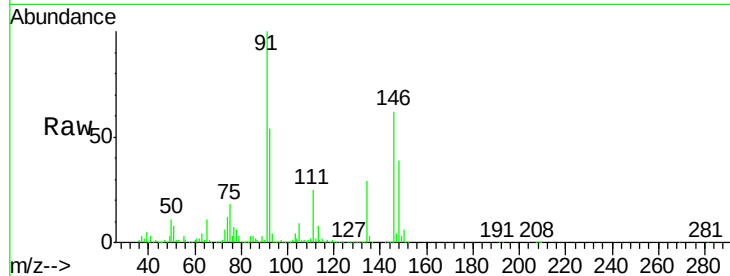
#91
 1,2-Dichlorobenzene
 Concen: 47.891 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	390530		
111	42.0	21.1	63.1	
148	63.2	32.4	97.0	

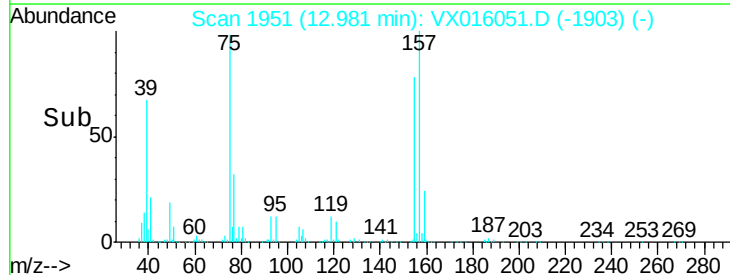
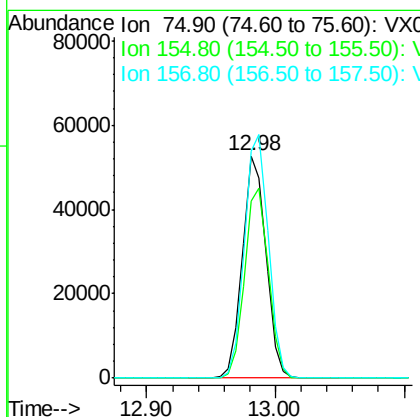
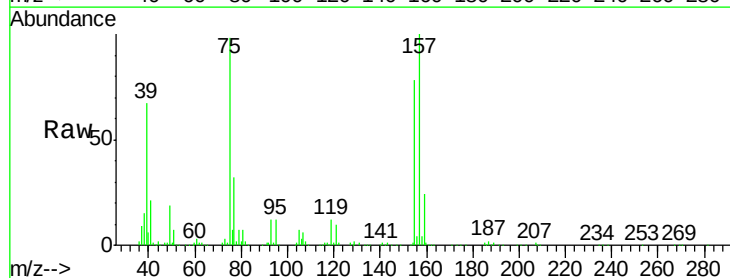
Manual Integrations
 APPROVED

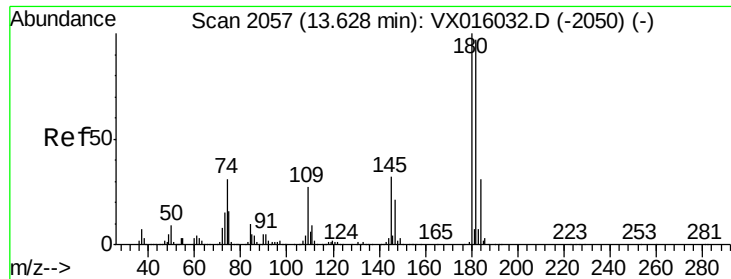
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 5/6/2020 12:26:55 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.333 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.01 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	66612		
155	85.6	42.5	127.5	
157	110.4	55.3	165.8	





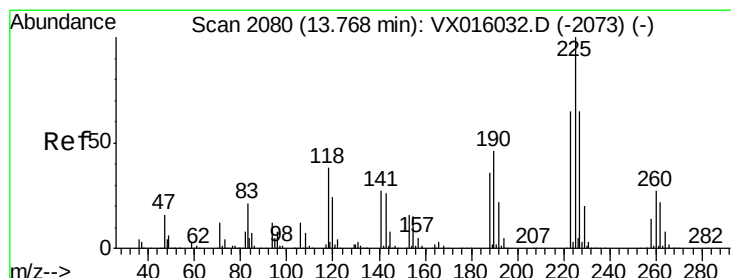
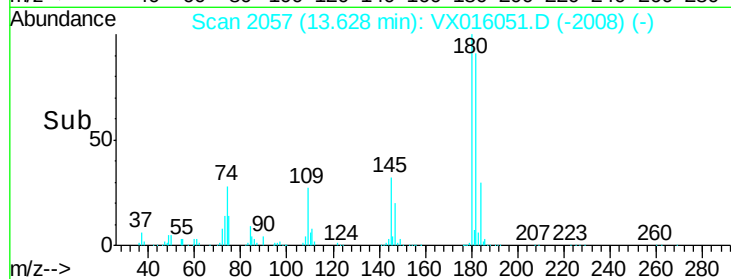
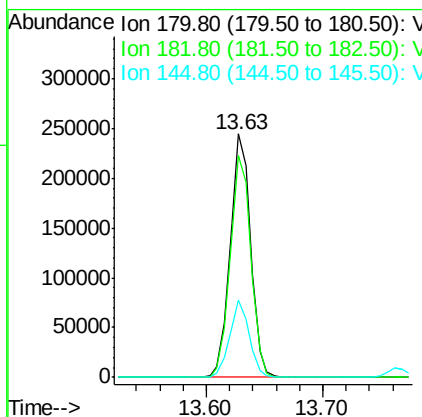
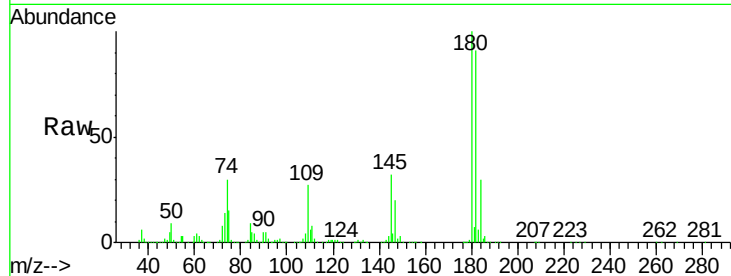
#93
 1,2,4-Trichlorobenzene
 Concen: 49.419 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	298357		
182	92.4	48.7	146.1	
145	30.3	15.7	47.1	

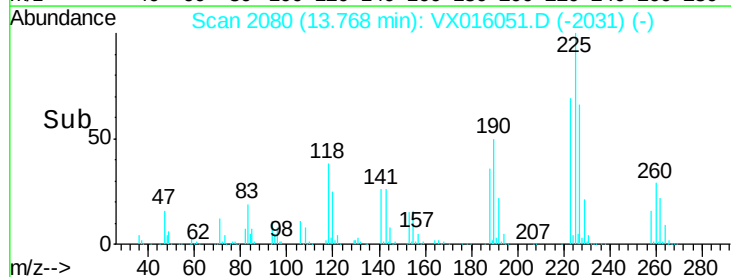
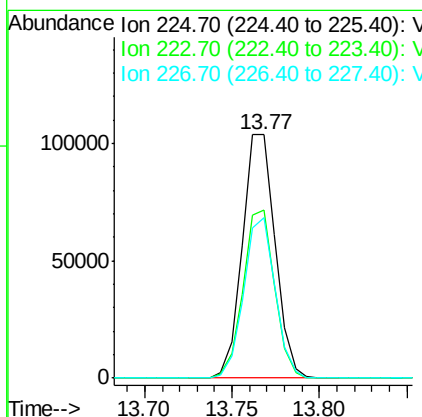
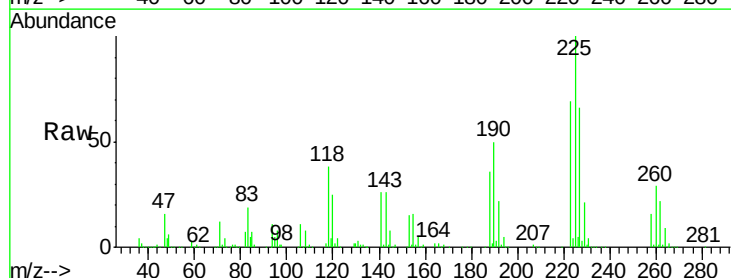
Manual Integrations
 APPROVED

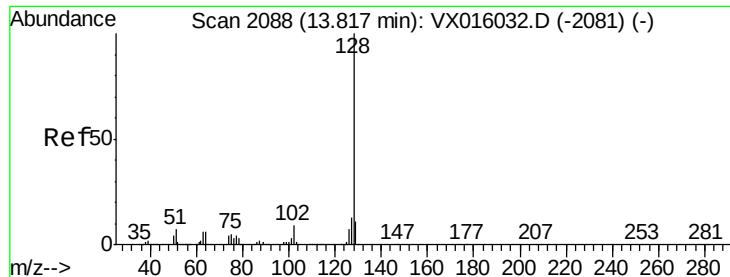
MMDadoda
 5/6/2020 12:26:55 PM



#94
 Hexachlorobutadiene
 Concen: 51.981 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016051.D
 Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	135187		
223	66.2	32.3	96.9	
227	63.0	31.8	95.4	





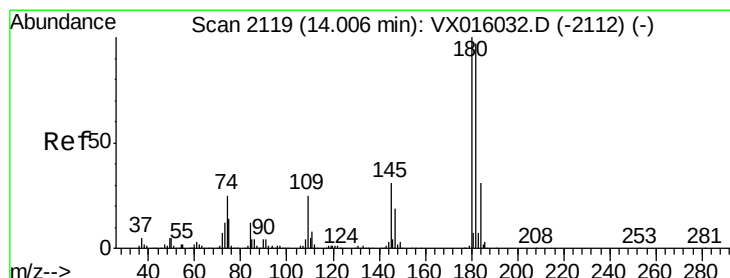
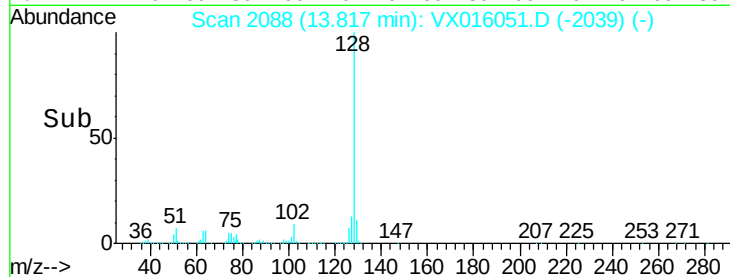
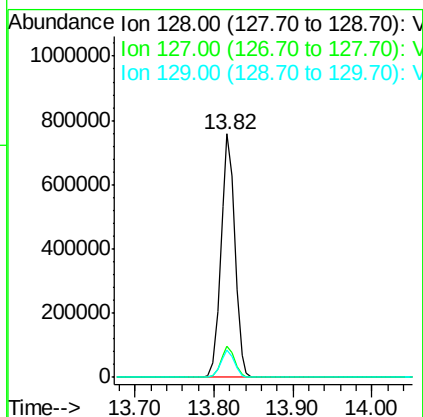
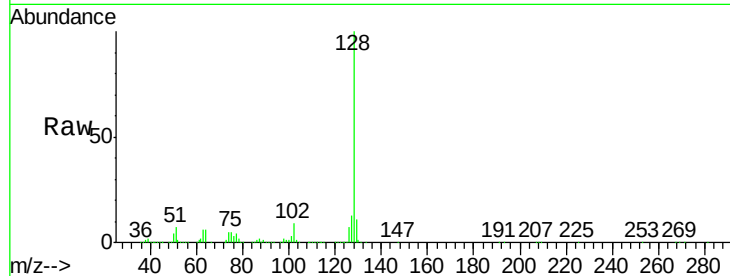
#95
Naphthalene
Concen: 47.398 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/6/2020 12:26:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.967 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016051.D
Acq: 05 May 2020 09:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.4	145.0
145	32.7	16.4	49.1

