

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060120\
 Data File : VX016516.D
 Acq On : 01 Jun 2020 09:51
 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
 6/2/2020 11:34:58 AM

Quant Time: Jun 02 01:53:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	307171	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	468946	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	434789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216688	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	178728	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
35) Dibromofluoromethane	5.46	113	141866	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	
50) Toluene-d8	8.70	98	567484	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.12	95	217506	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	157928	52.244	ug/l	98
3) Chloromethane	1.31	50	173119	47.390	ug/l	99
4) Vinyl Chloride	1.39	62	196277	50.807	ug/l	100
5) Bromomethane	1.62	94	94463	50.290	ug/l	99
6) Chloroethane	1.70	64	117399	52.096	ug/l	98
7) Trichlorofluoromethane	1.92	101	266035	52.436	ug/l	99
8) Diethyl Ether	2.17	74	105996	50.103	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	150576	53.926	ug/l	99
10) Methyl Iodide	2.49	142	162839	48.885	ug/l	99
11) Tert butyl alcohol	3.01	59	216141	220.958	ug/l	100
12) 1,1-Dichloroethene	2.35	96	152979	51.758	ug/l	97
13) Acrolein	2.27	56	107724	258.881	ug/l	98
14) Allyl chloride	2.70	41	270696	49.801	ug/l	99
15) Acrylonitrile	3.11	53	479779	239.437	ug/l	99
16) Acetone	2.42	43	398072	238.182	ug/l	100
17) Carbon Disulfide	2.55	76	440604	50.199	ug/l	100
18) Methyl Acetate	2.75	43	208472	48.634	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	549134	51.740	ug/l	99
20) Methylene Chloride	2.83	84	168542	48.742	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	167292	51.171	ug/l	93
22) Diisopropyl ether	3.82	45	531523	50.903	ug/l	94
23) Vinyl Acetate	3.78	43	2324339	254.307	ug/l	98
24) 1,1-Dichloroethane	3.67	63	297851	50.538	ug/l	99
25) 2-Butanone	4.63	43	635187	224.294	ug/l	98
26) 2,2-Dichloropropane	4.54	77	275630	57.154	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	189054	49.986	ug/l	98
28) Bromochloromethane	4.98	49	130156	47.524	ug/l	96
29) Tetrahydrofuran	5.08	42	434310	237.384	ug/l	99
30) Chloroform	5.17	83	299966	50.513	ug/l	100
31) Cyclohexane	5.54	56	266299	50.225	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	274516	51.060	ug/l	99
36) 1,1-Dichloropropene	5.76	75	234301	52.770	ug/l	99
37) Ethyl Acetate	4.79	43	255387	47.909	ug/l	99
38) Carbon Tetrachloride	5.75	117	249923	53.562	ug/l	99

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MMDadoda
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	267664	55.502	ug/l	99
40) Benzene	6.11	78	693013	52.413	ug/l	100
41) Methacrylonitrile	5.00	41	140496	47.983	ug/l	99
42) 1,2-Dichloroethane	6.16	62	240184	51.080	ug/l	99
43) Isopropyl Acetate	6.40	43	411598	49.502	ug/l	98
44) Trichloroethene	7.18	130	230294	54.896	ug/l	95
45) 1,2-Dichloropropane	7.49	63	175564	52.157	ug/l	97
46) Dibromomethane	7.63	93	115806	51.221	ug/l	99
47) Bromodichloromethane	7.87	83	246485	52.653	ug/l	99
48) Methyl methacrylate	7.74	41	198734	49.919	ug/l	97
49) 1,4-Dioxane	7.71	88	88021	944.748	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1286072	248.405	ug/l	99
52) Toluene	8.76	92	448339	53.772	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	291641	54.787	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	308338	54.724	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	173270	52.267	ug/l	97
56) Ethyl methacrylate	9.16	69	289634	53.645	ug/l	98
57) 1,3-Dichloropropane	9.35	76	299984	52.719	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	742955	263.635	ug/l	99
59) 2-Hexanone	9.47	43	1020947	253.577	ug/l	99
60) Dibromochloromethane	9.57	129	200001	53.609	ug/l	99
61) 1,2-Dibromoethane	9.65	107	186324	52.485	ug/l	100
64) Tetrachloroethene	9.32	164	271910	55.898	ug/l	97
65) Chlorobenzene	10.12	112	475328	53.624	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	180098	53.226	ug/l	98
67) Ethyl Benzene	10.23	91	852684	54.029	ug/l	99
68) m/p-Xylenes	10.34	106	646543	110.492	ug/l	100
69) o-Xylene	10.68	106	305447	53.900	ug/l	98
70) Styrene	10.69	104	536987	55.129	ug/l	100
71) Bromoform	10.84	173	155352	54.325	ug/l #	99
73) Isopropylbenzene	11.00	105	822388	54.775	ug/l	100
74) N-amyl acetate	10.88	43	357927	51.828	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	177531	47.181	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	250789m	52.655	ug/l	
77) Bromobenzene	11.24	156	211622	53.740	ug/l	98
78) n-propylbenzene	11.34	91	927818	55.314	ug/l	100
79) 2-Chlorotoluene	11.40	91	561572	54.848	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	699647	55.809	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	103974	53.698	ug/l #	88
82) 4-Chlorotoluene	11.49	91	662333	54.780	ug/l	100
83) tert-Butylbenzene	11.76	119	585804	54.688	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	701095	55.299	ug/l	100
85) sec-Butylbenzene	11.93	105	750078	55.820	ug/l	100
86) p-Isopropyltoluene	12.05	119	714607	56.771	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	365851	53.626	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	379456	54.383	ug/l	99
89) n-Butylbenzene	12.37	91	616047	58.758	ug/l	99
90) Hexachloroethane	12.58	117	119133	54.794	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	351359	53.158	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60577	49.702	ug/l	98

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ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	248126	56.524	ug/l	99
94) Hexachlorobutadiene	13.77	225	109684	63.639	ug/l	95
95) Naphthalene	13.82	128	814714	54.139	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	242469	56.380	ug/l	97

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

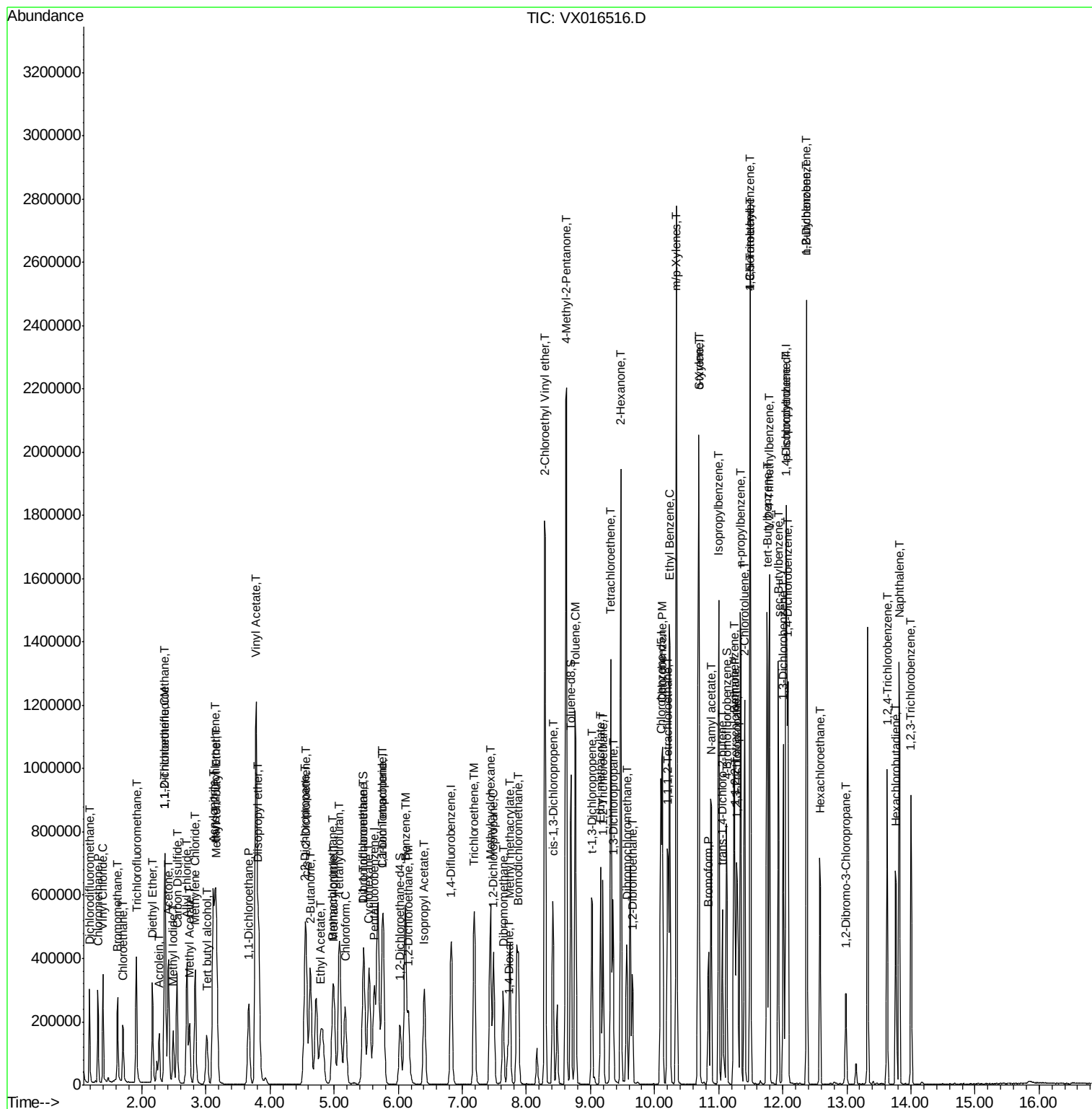
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 Data File : VX016516.D
 Acq On : 01 Jun 2020 09:51
 Operator : JC/SP
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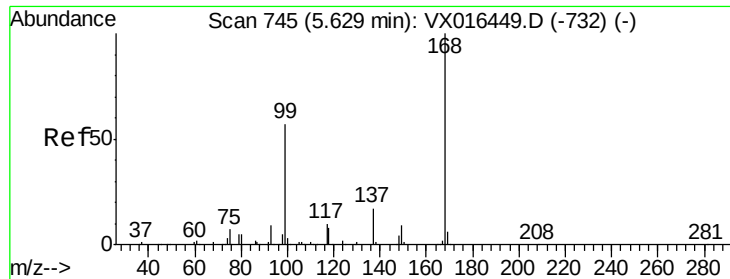
Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
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MMDadoda
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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 307171

Ion Ratio Lower Upper

168 100

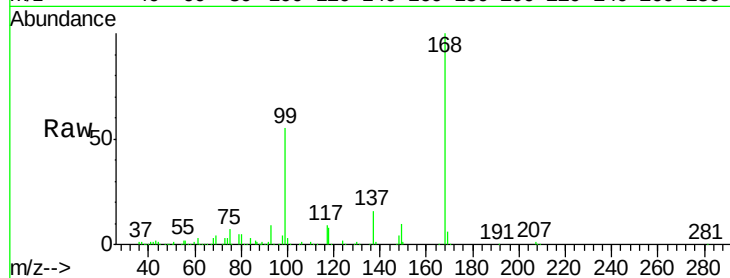
99 54.6 45.2 67.8

Manual Integrations

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6/2/2020 11:34:58 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

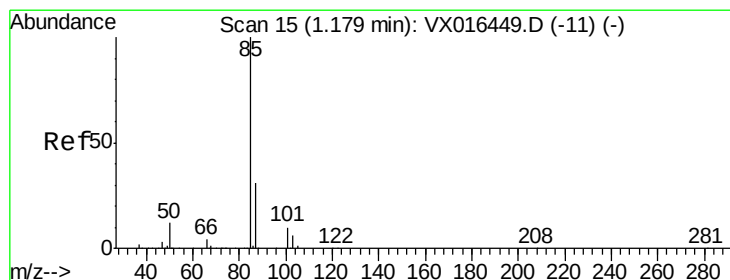
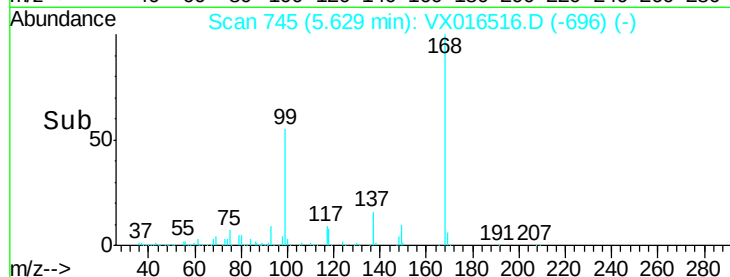
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.244 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016516.D

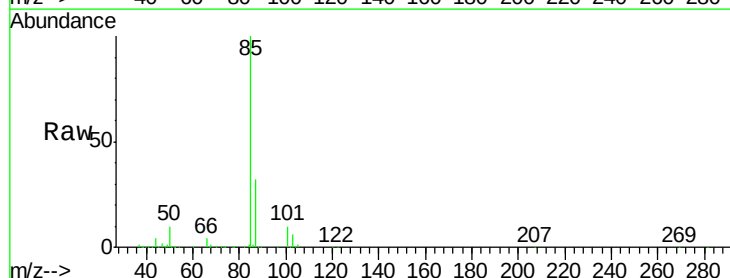
Acq: 01 Jun 2020 09:51

Tgt Ion: 85 Resp: 157928

Ion Ratio Lower Upper

85 100

87 31.8 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

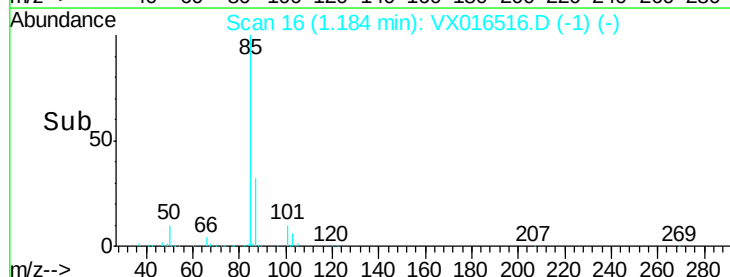
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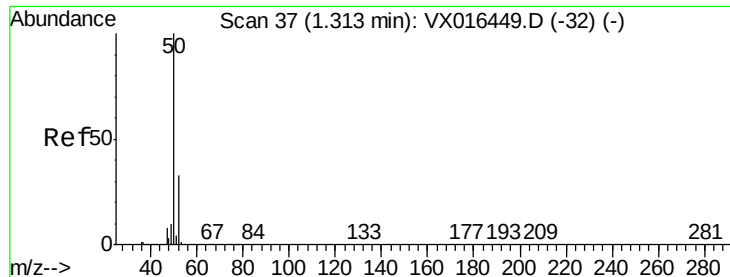
100000

50000

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Time-->





#3

Chloromethane

Concen: 47.390 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 173119

Ion Ratio Lower Upper

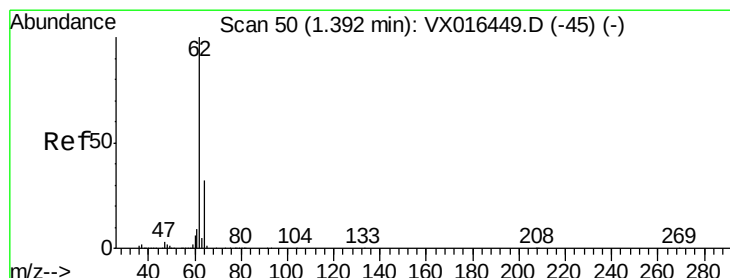
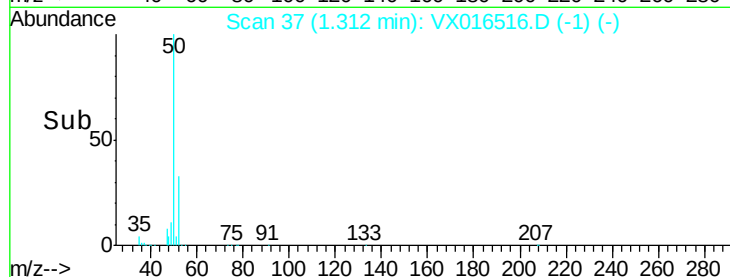
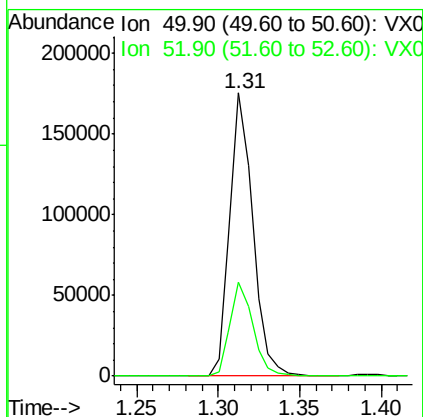
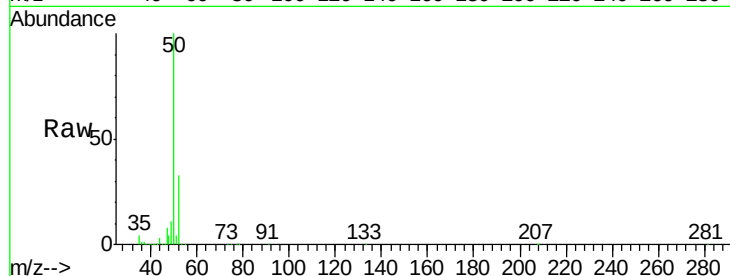
50 100

52 33.3 26.2 39.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 50.807 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016516.D

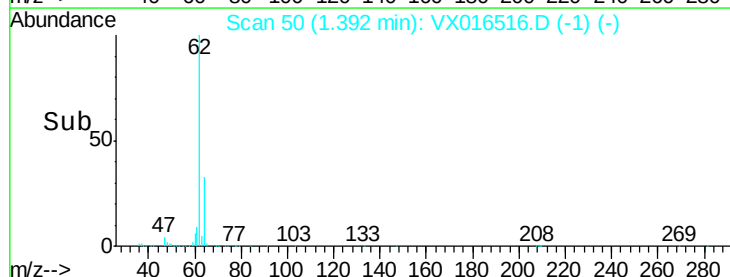
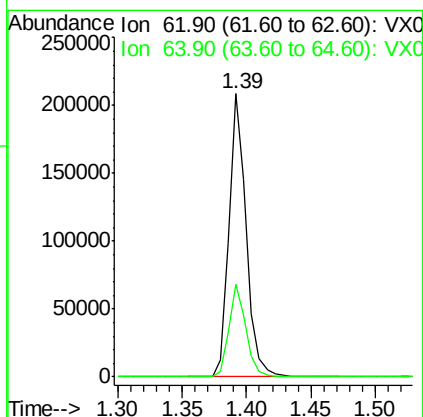
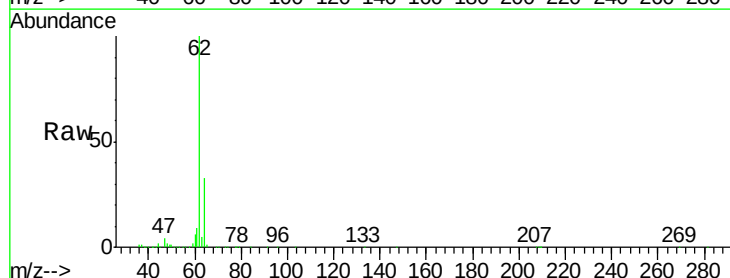
Acq: 01 Jun 2020 09:51

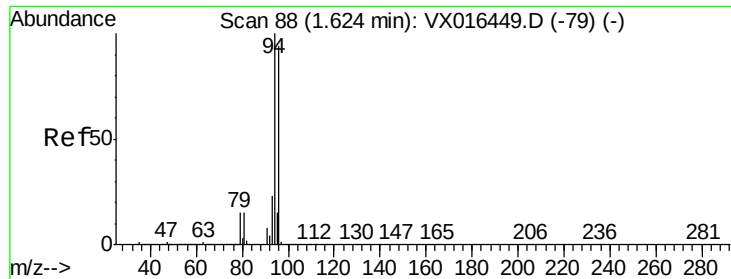
Tgt Ion: 62 Resp: 196277

Ion Ratio Lower Upper

62 100

64 32.5 25.9 38.9





#5

Bromomethane

Concen: 50.290 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 94463

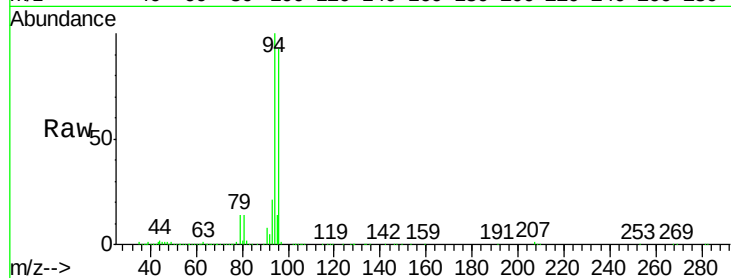
Ion Ratio Lower Upper

94 100

96 93.1 75.1 112.7

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

100000

80000

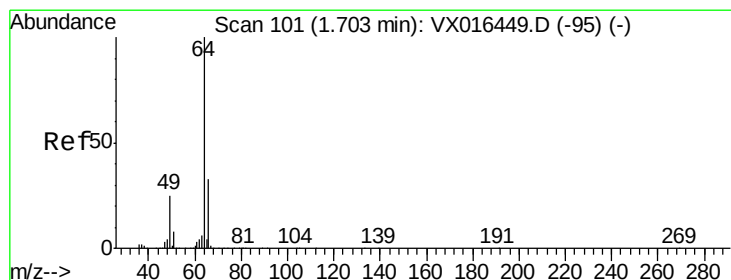
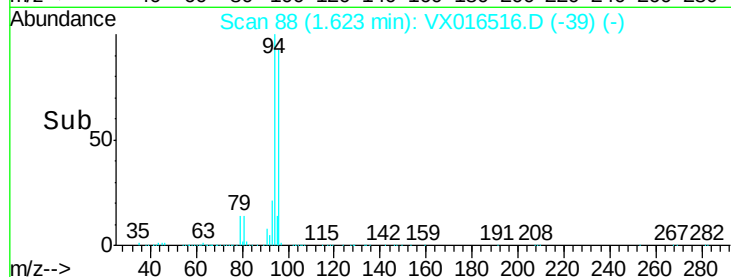
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 52.096 ug/l

RT: 1.70 min Scan# 101

Delta R.T. -0.00 min

Lab File: VX016516.D

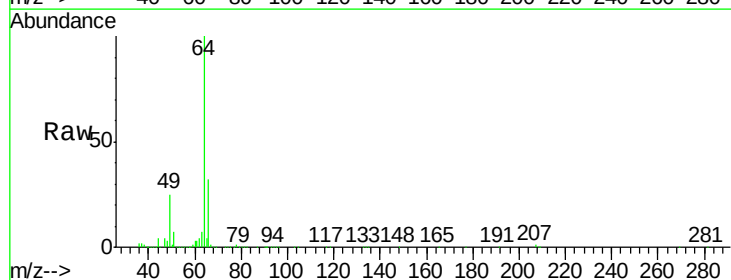
Acq: 01 Jun 2020 09:51

Tgt Ion: 64 Resp: 117399

Ion Ratio Lower Upper

64 100

66 32.3 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

100000

80000

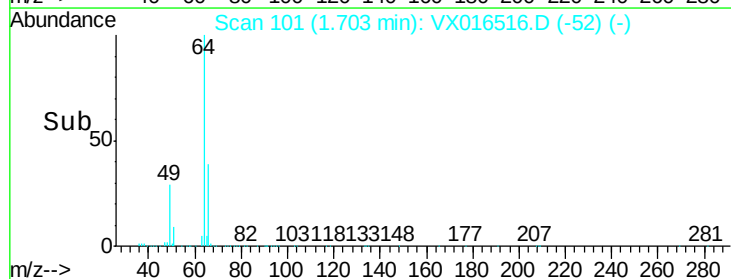
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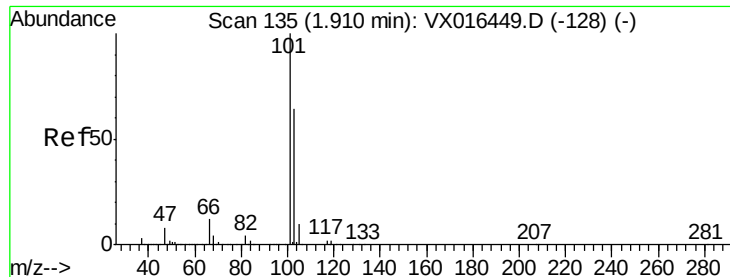
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Time-->





#7

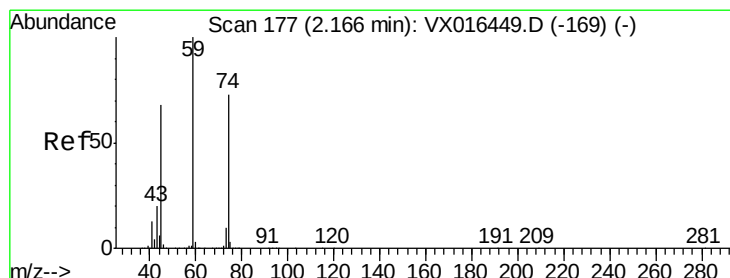
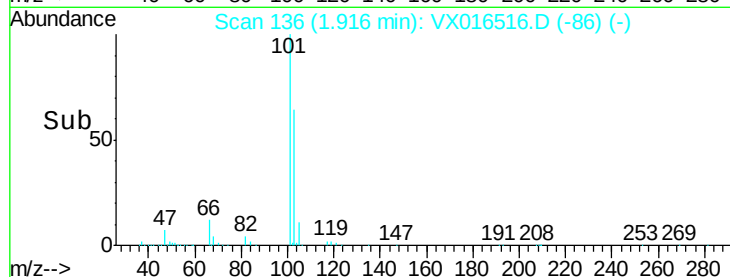
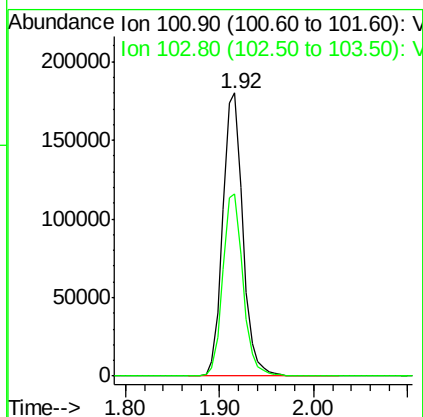
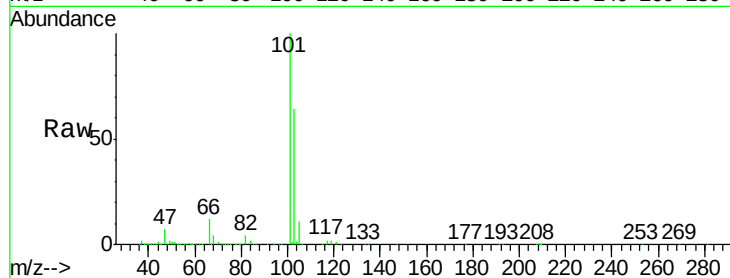
Trichlorofluoromethane
Concen: 52.436 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.4	50.9	76.3

Manual Integrations
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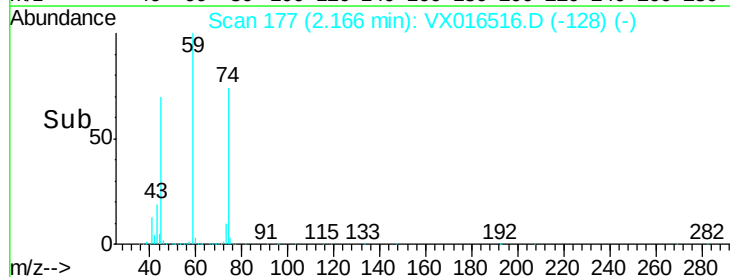
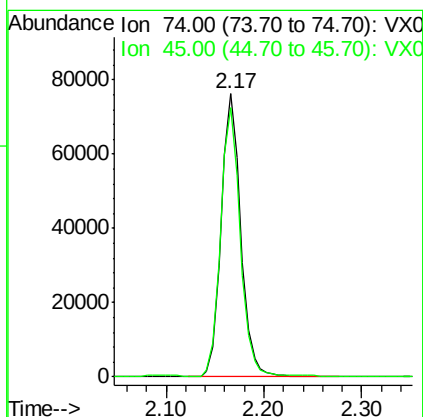
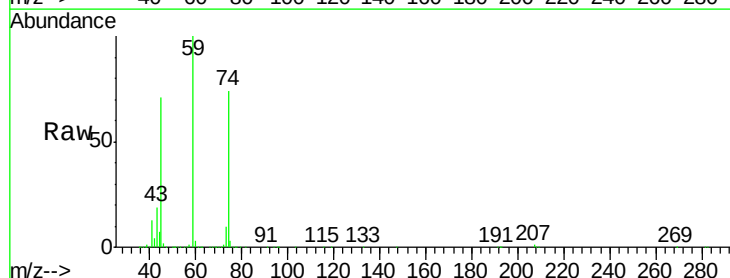
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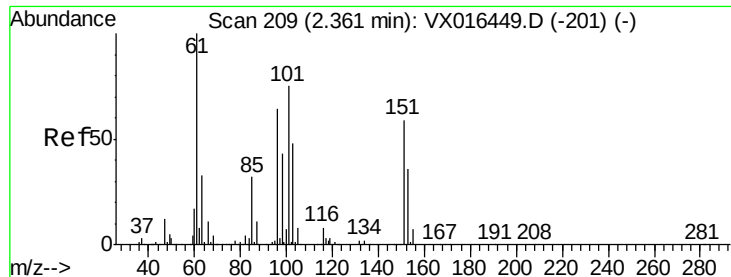


#8

Diethyl Ether
Concen: 50.103 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.4	47.5	142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.926 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX016516.D

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Instrument :

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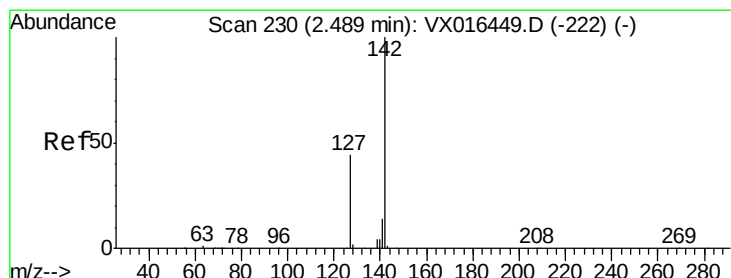
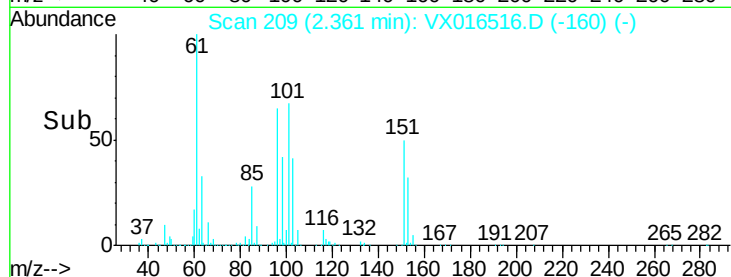
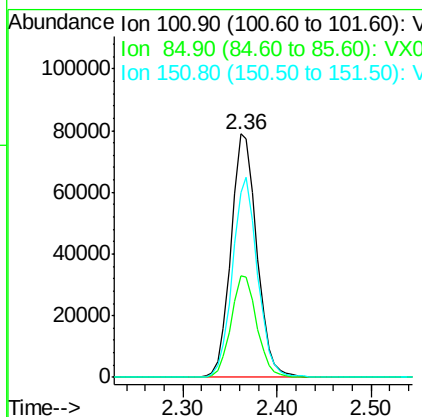
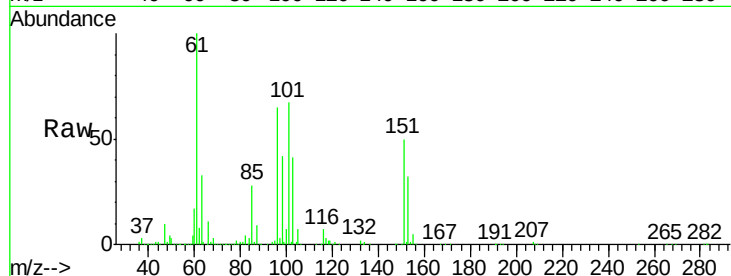
ClientSampled :

VSTDCCC050

Tot Ion:	101	Resp:	150576
Ion Ratio	Lower	Upper	
101	100		
85	41.7	34.4	51.6
151	79.4	63.8	95.6

Manual Integrations
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6/2/2020 11:34:58 AM



#10

Methyl Iodide

Concen: 48.885 ug/l

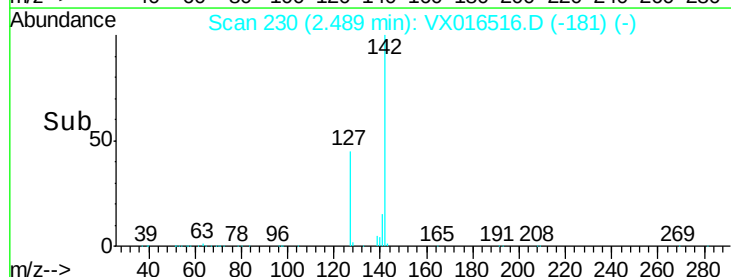
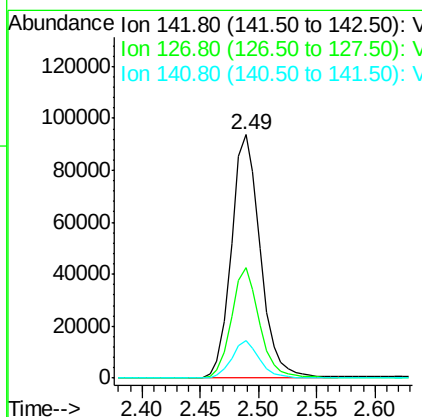
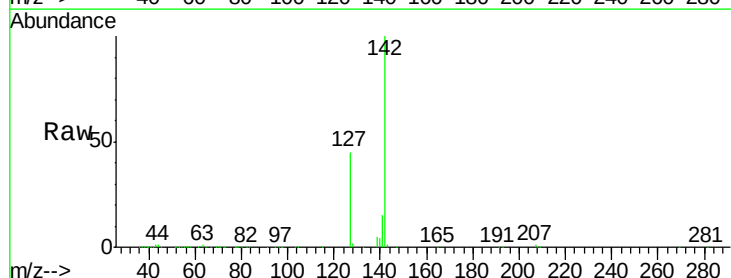
RT: 2.49 min Scan# 230

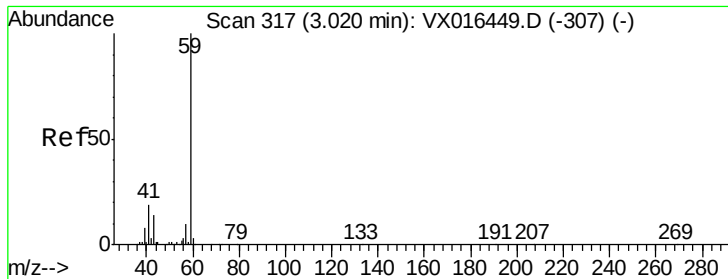
Delta R.T. 0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Tgt Ion:	142	Resp:	162839
Ion Ratio	Lower	Upper	
142	100		
127	43.9	35.3	52.9
141	14.7	11.4	17.2





#11

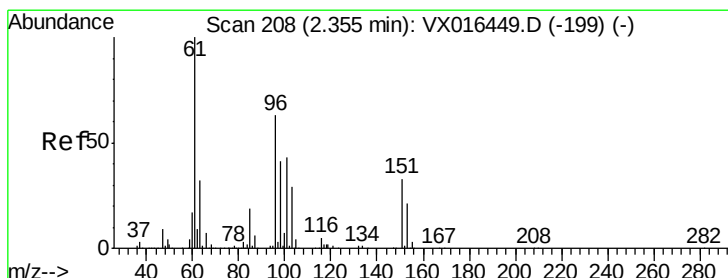
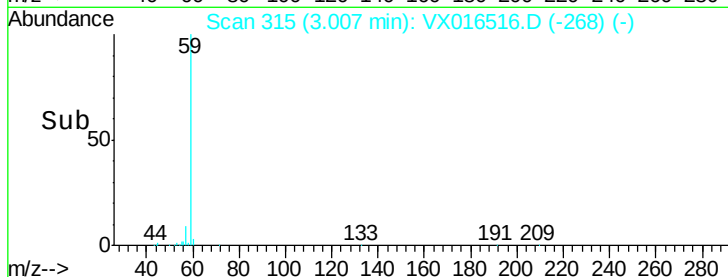
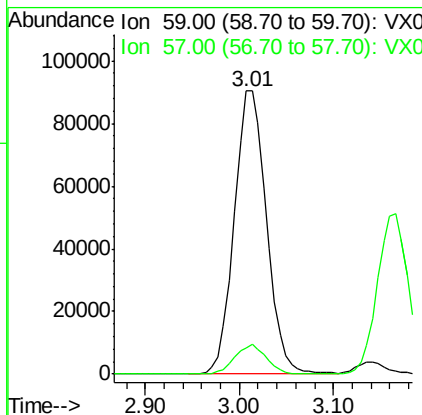
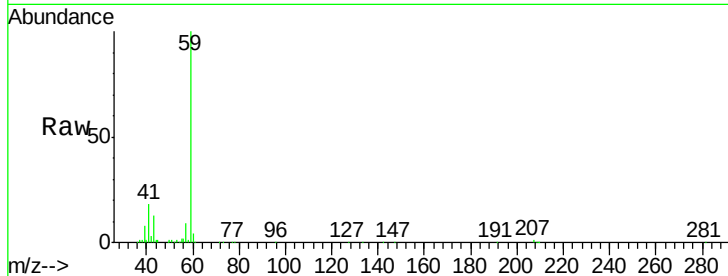
Tert butyl alcohol
Concen: 220.958 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.2	12.4

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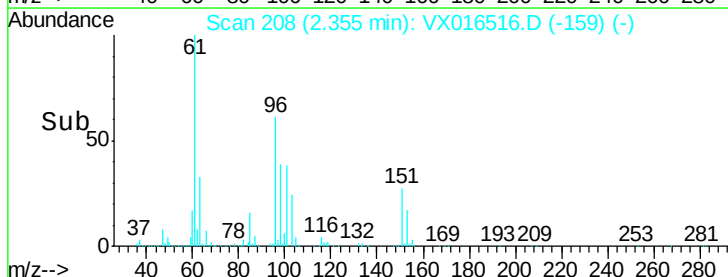
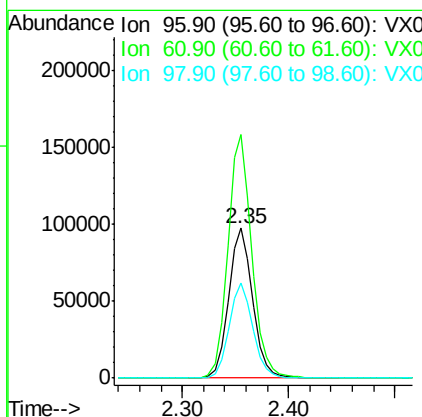
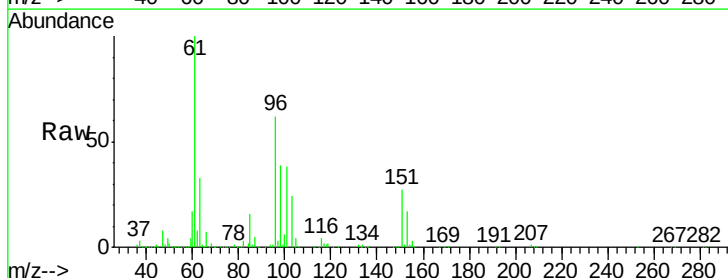
MMDadoda
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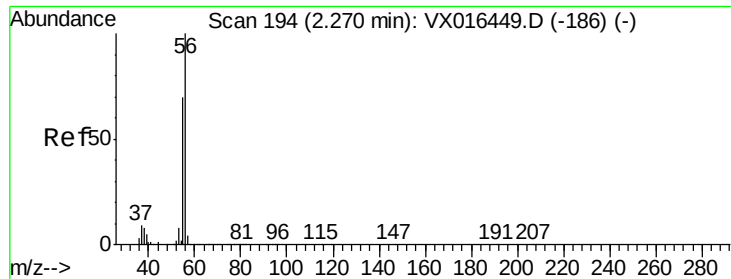


#12

1,1-Dichloroethene
Concen: 51.758 ug/l
RT: 2.35 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	162.6	126.6	189.8
98	63.2	51.3	76.9





#13

Acrolein

Concen: 258.881 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 107724

Ion Ratio Lower Upper

56 100

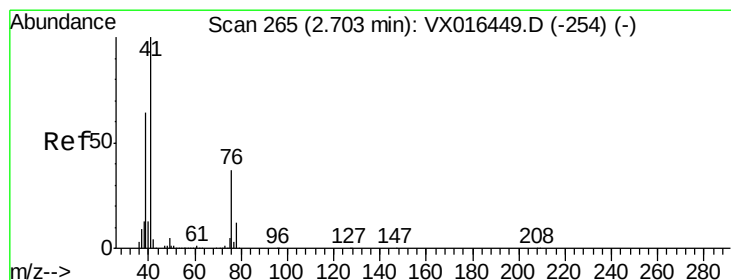
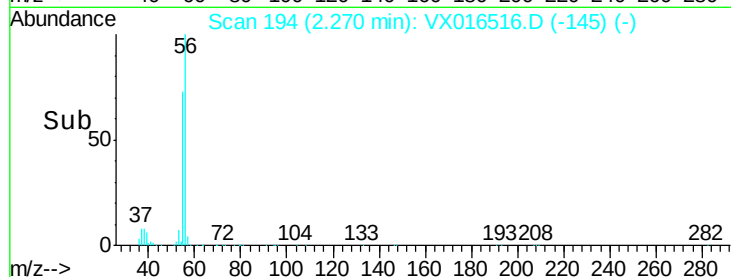
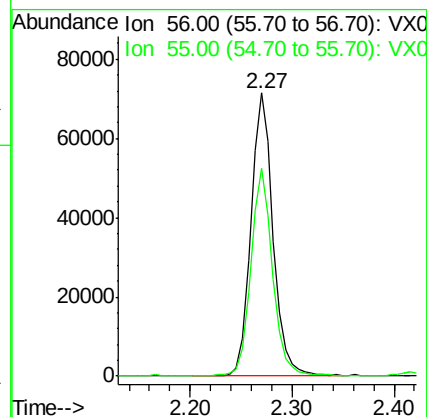
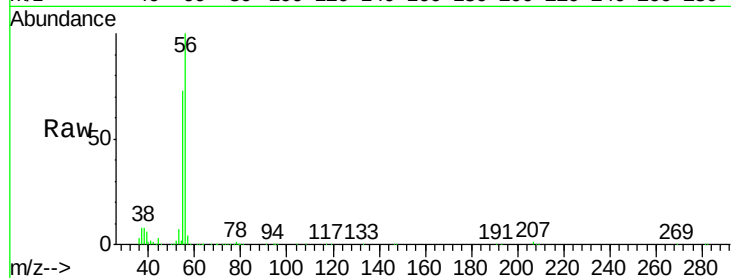
55 71.2 58.3 87.5

Manual Integrations

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#14

Allyl chloride

Concen: 49.801 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

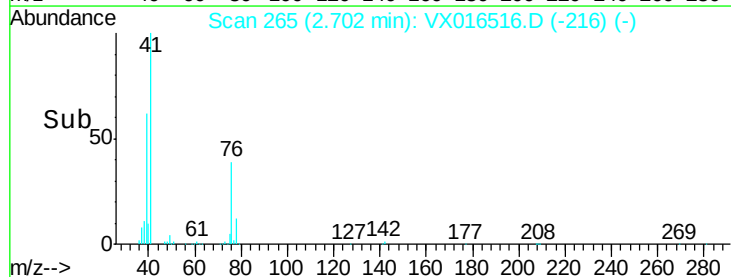
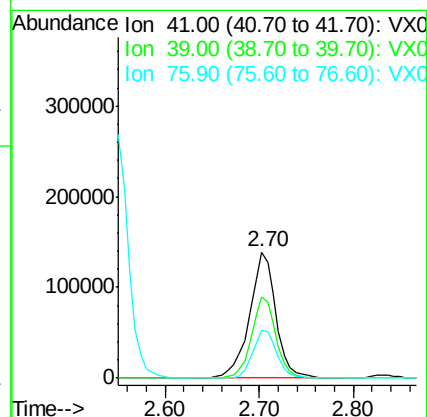
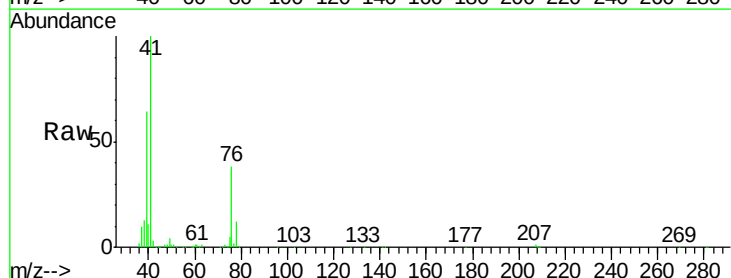
Tgt Ion: 41 Resp: 270696

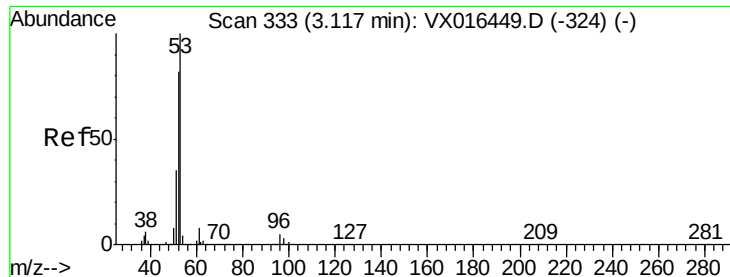
Ion Ratio Lower Upper

41 100

39 59.7 47.7 71.5

76 35.0 26.6 40.0





#15

Acrylonitrile

Concen: 239.437 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

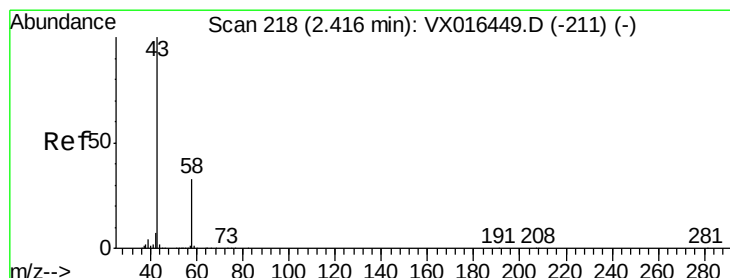
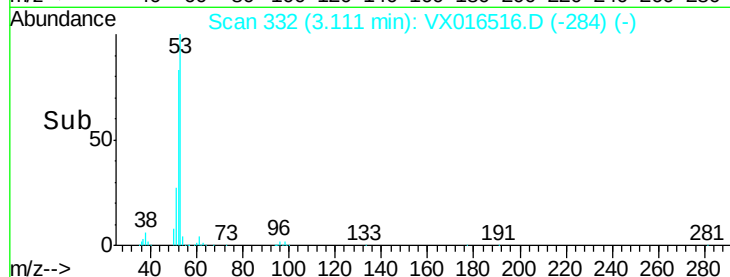
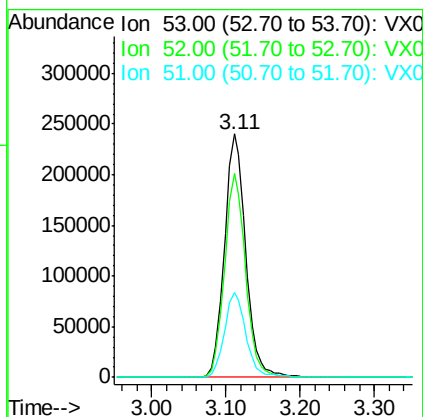
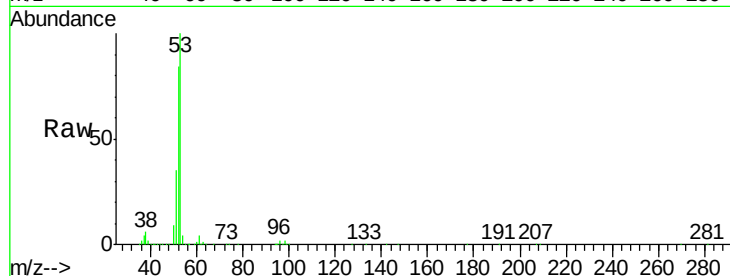
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	479779
Ion	Ratio	Lower	Upper
53	100		
52	82.6	66.7	100.1
51	35.2	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 238.182 ug/l

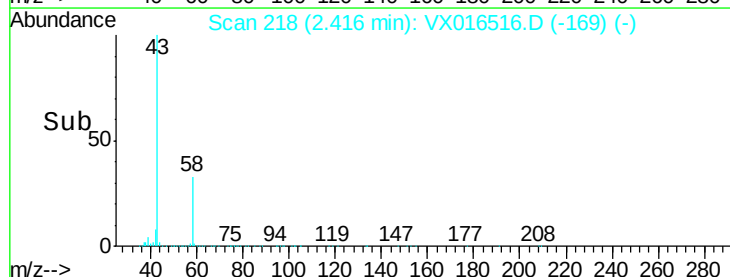
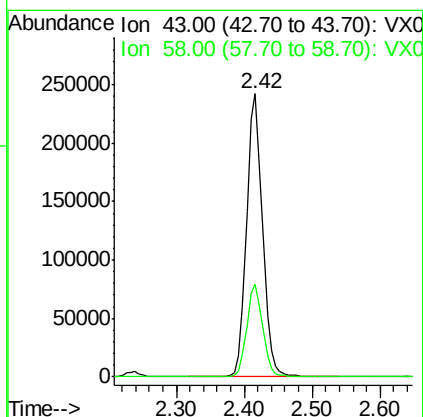
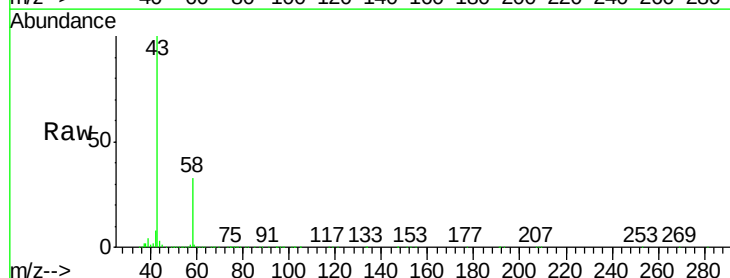
RT: 2.42 min Scan# 218

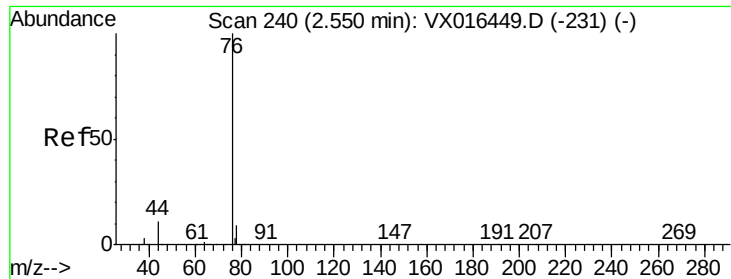
Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Tgt Ion:	43	Resp:	398072
Ion	Ratio	Lower	Upper
43	100		
58	32.9	26.1	39.1





#17

Carbon Disulfide

Concen: 50.199 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 440604

Ion Ratio Lower Upper

76 100

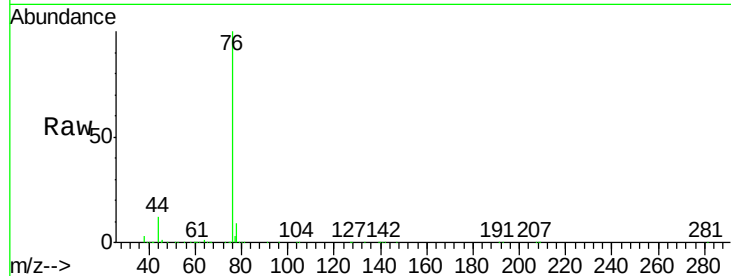
78 9.1 7.4 11.0

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

250000

200000

150000

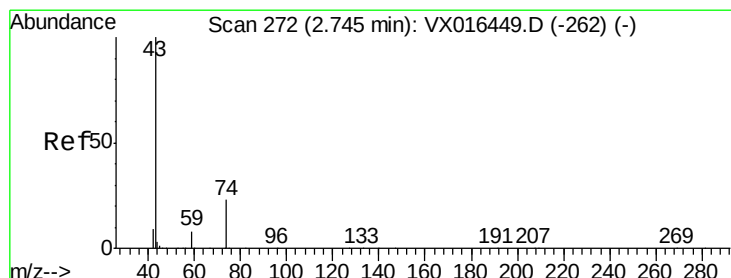
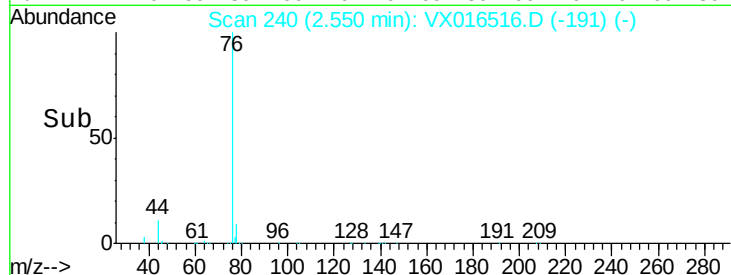
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 48.634 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016516.D

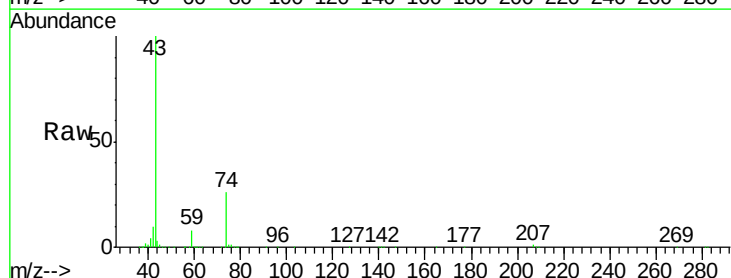
Acq: 01 Jun 2020 09:51

Tgt Ion: 43 Resp: 208472

Ion Ratio Lower Upper

43 100

74 25.9 19.7 29.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

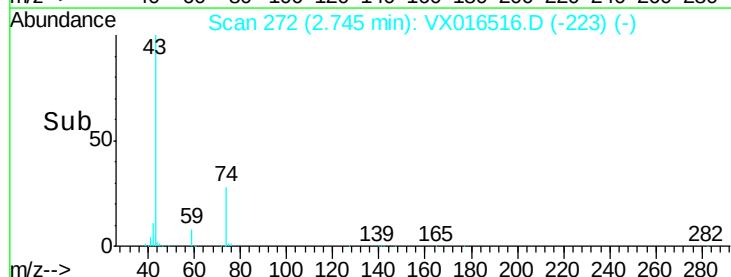
100000

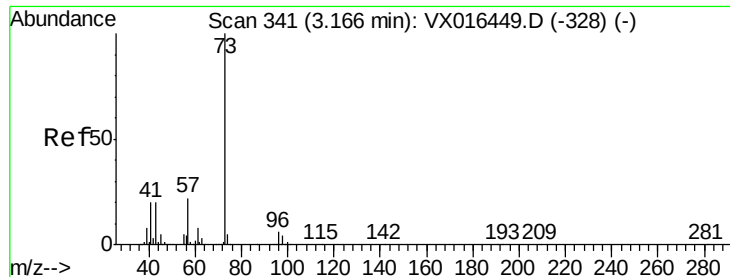
50000

0

2.65 2.70 2.75 2.80 2.85

Time-->





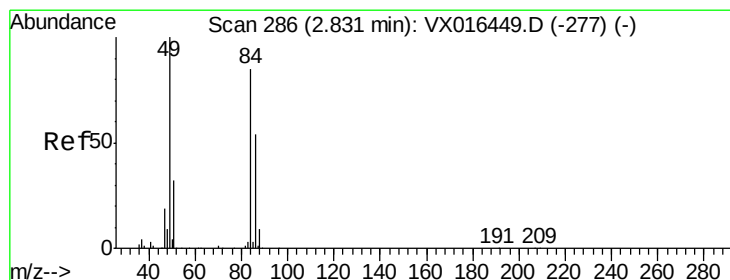
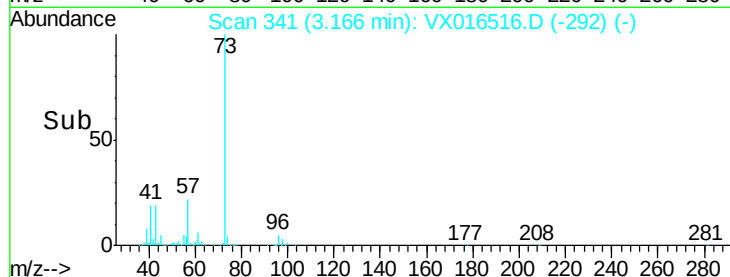
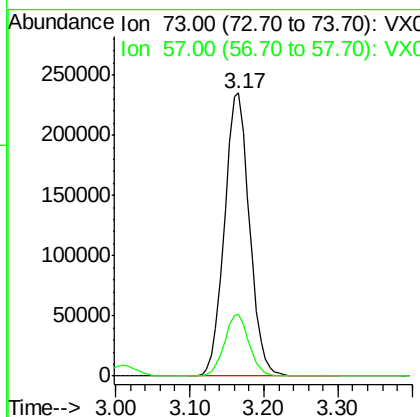
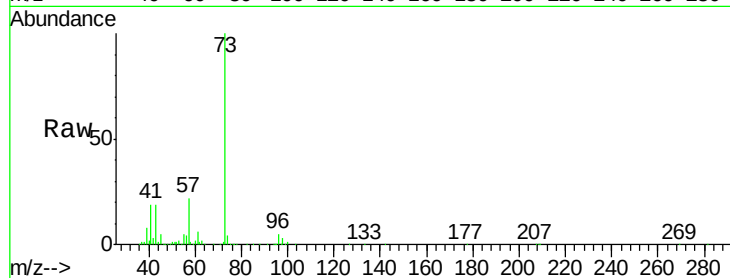
#19
Methyl tert-butyl Ether
Concen: 51.740 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.8	26.6

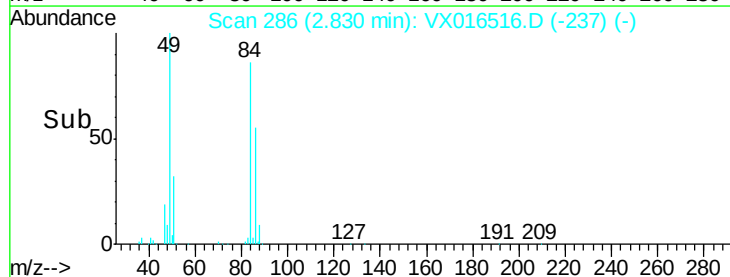
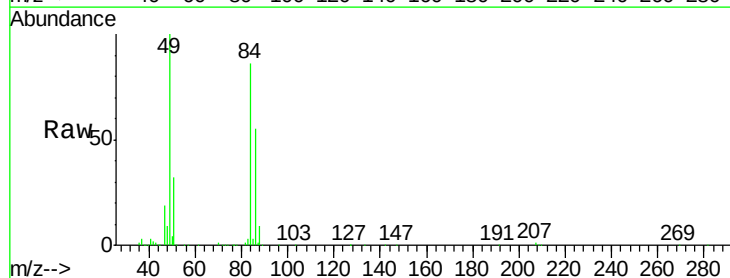
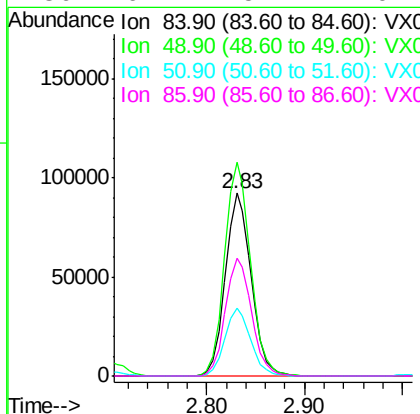
Manual Integrations
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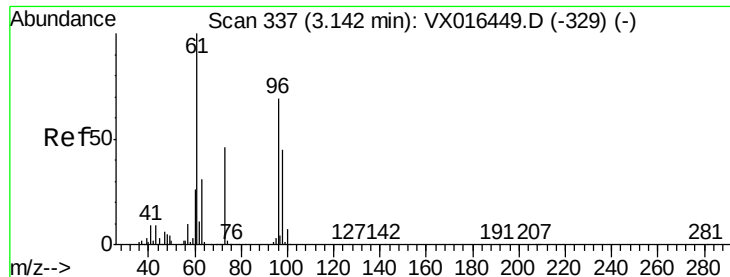
MMDadoda
6/2/2020 11:34:58 AM



#20
Methylene Chloride
Concen: 48.742 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.7	94.5	141.7
51	37.2	30.2	45.4
86	64.1	51.1	76.7





#21

trans-1,2-Dichloroethene

Concen: 51.171 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

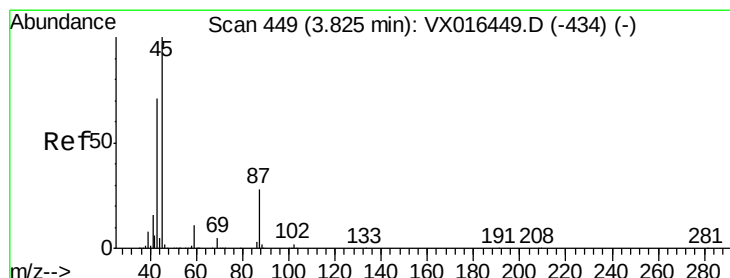
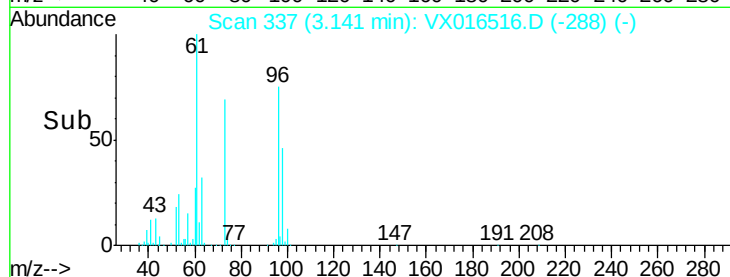
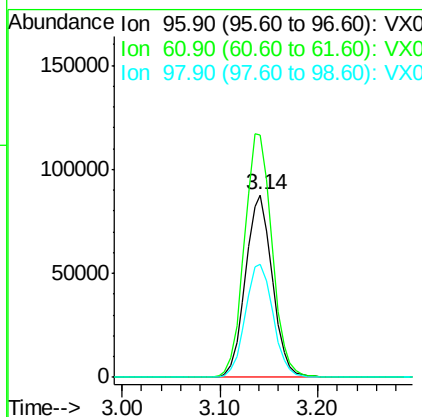
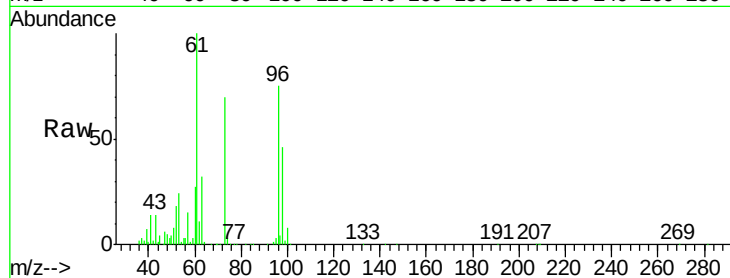
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	167292
Ion	Ratio	Lower	Upper
96	100		
61	133.0	115.3	172.9
98	61.8	51.9	77.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.903 ug/l

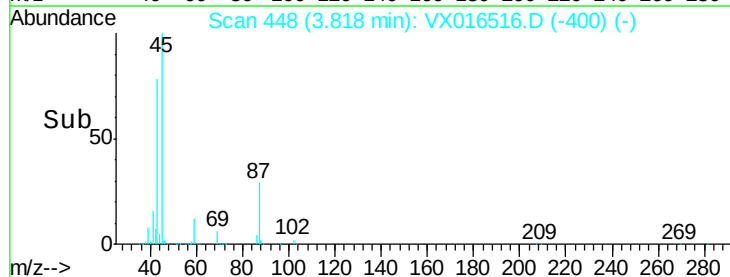
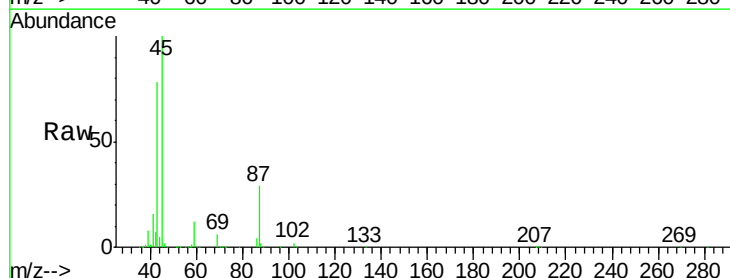
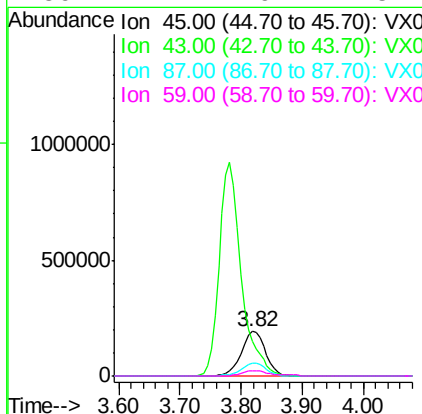
RT: 3.82 min Scan# 448

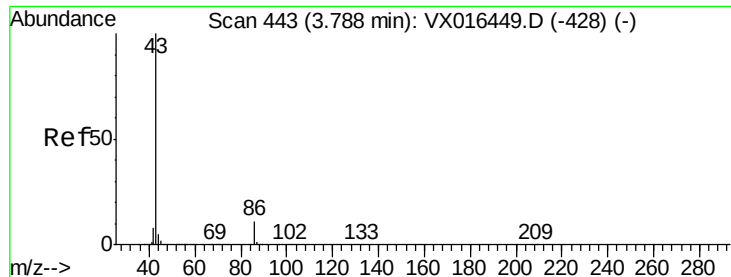
Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Tgt Ion:	45	Resp:	531523
Ion	Ratio	Lower	Upper
45	100		
43	78.1	57.0	85.6
87	29.0	22.5	33.7
59	12.1	9.1	13.7





#23

Vinyl Acetate

Concen: 254.307 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 2324339

Ion Ratio Lower Upper

43 100

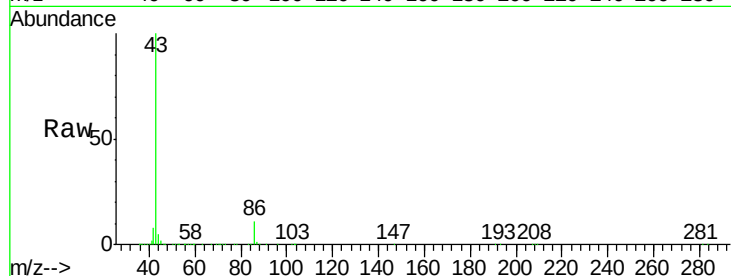
86 11.4 8.6 13.0

Manual Integrations

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6/2/2020 11:34:58 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

1000000

800000

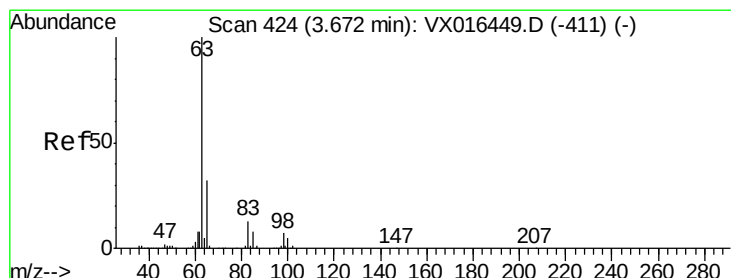
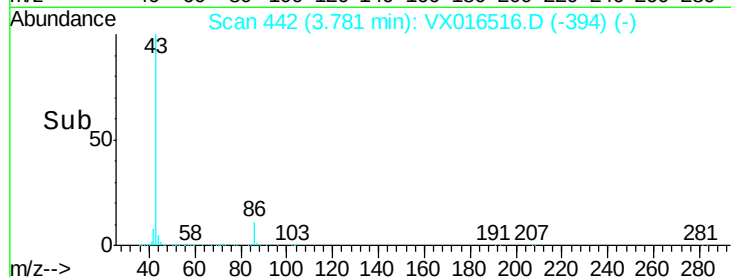
600000

400000

200000

0

Time--> 3.60 3.70 3.80 3.90



#24

1,1-Dichloroethane

Concen: 50.538 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

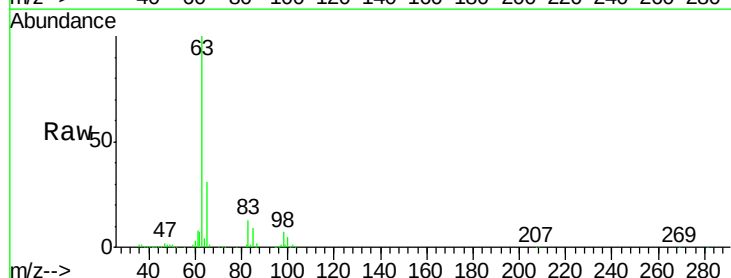
Tgt Ion: 63 Resp: 297851

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.9

100 4.6 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

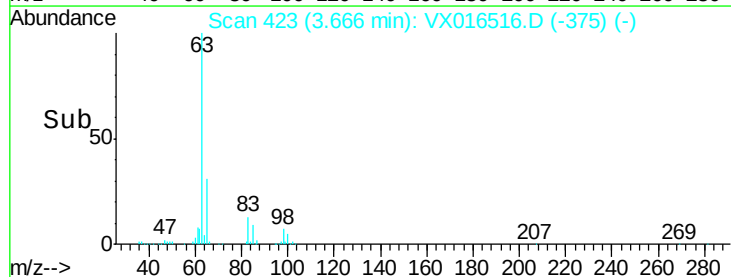
150000

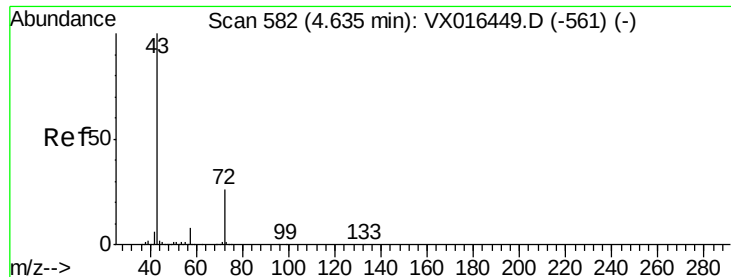
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 224.294 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 635187

Ion Ratio Lower Upper

43 100

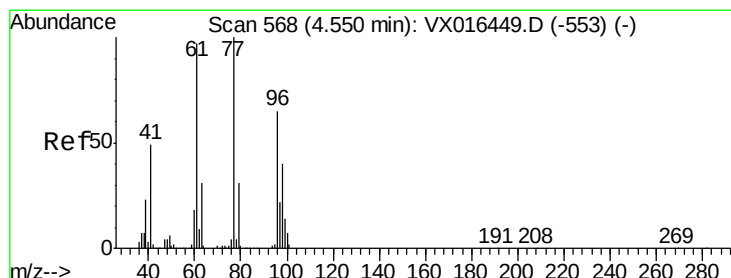
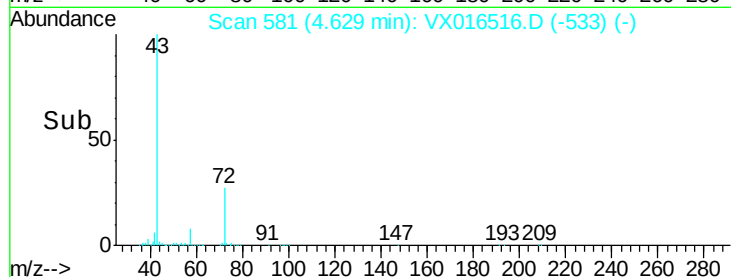
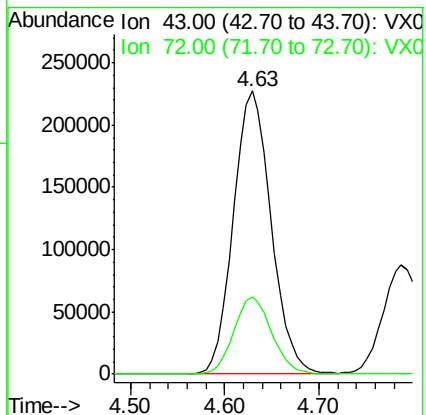
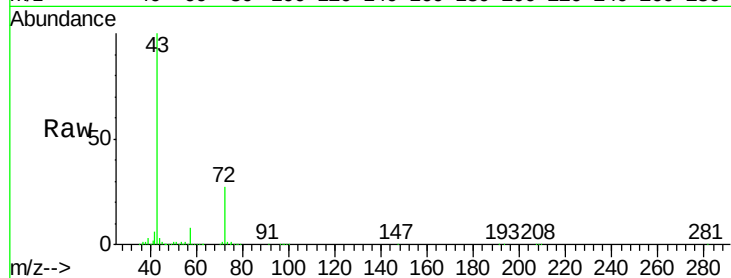
72 27.4 21.0 31.6

Manual Integrations

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MMDadoda

6/2/2020 11:34:58 AM



#26

2,2-Dichloropropane

Concen: 57.154 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX016516.D

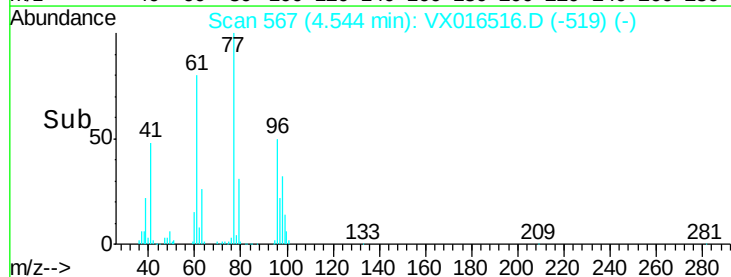
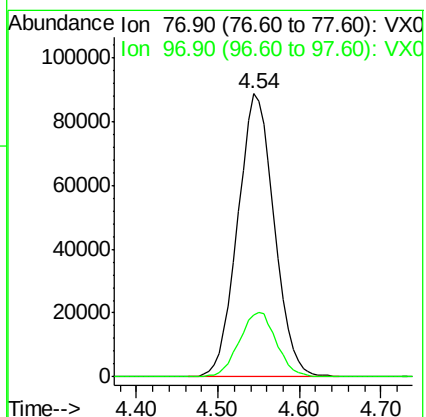
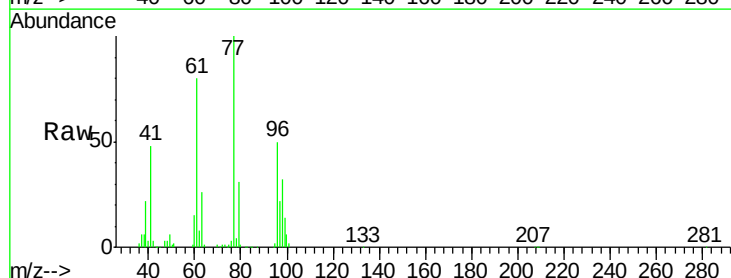
Acq: 01 Jun 2020 09:51

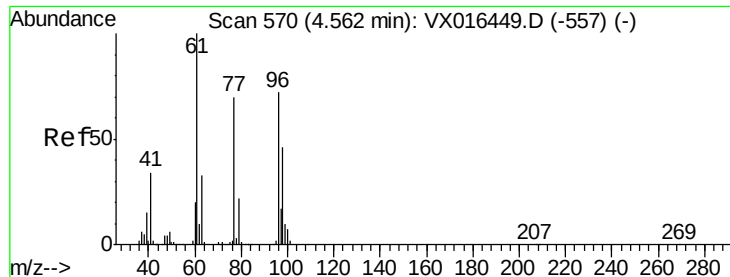
Tgt Ion: 77 Resp: 275630

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.4





#27

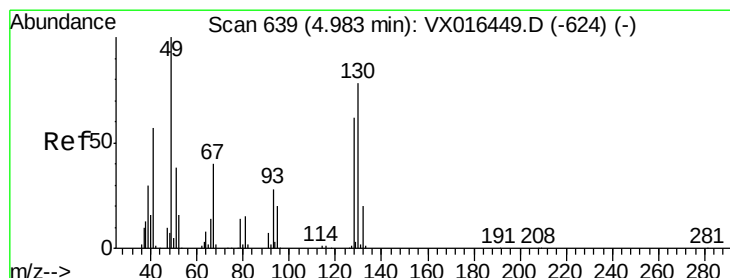
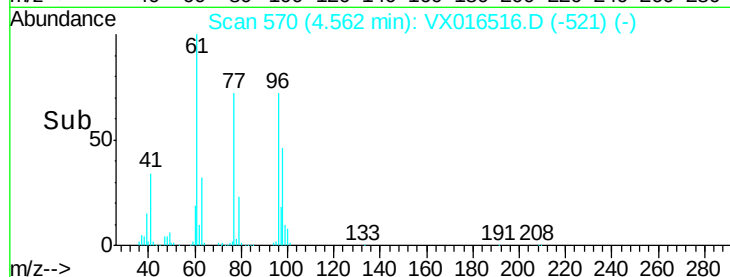
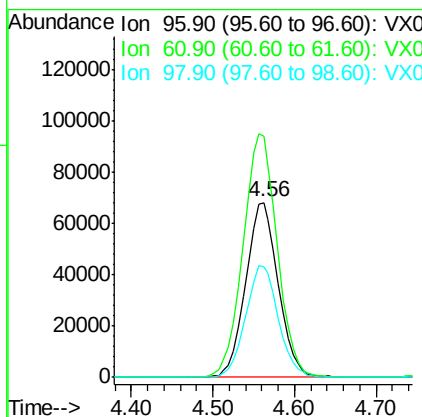
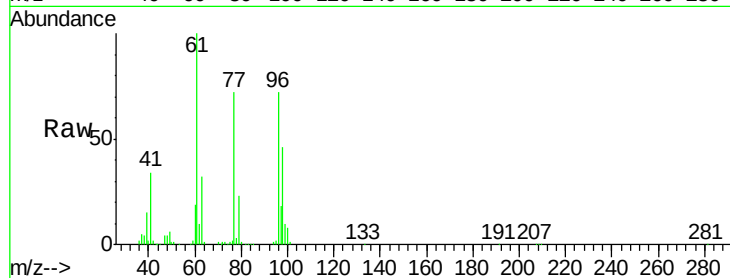
cis-1,2-Dichloroethene
Concen: 49.986 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	189054		
61	145.5	0.0	284.6	
98	64.2	0.0	127.2	

Manual Integrations
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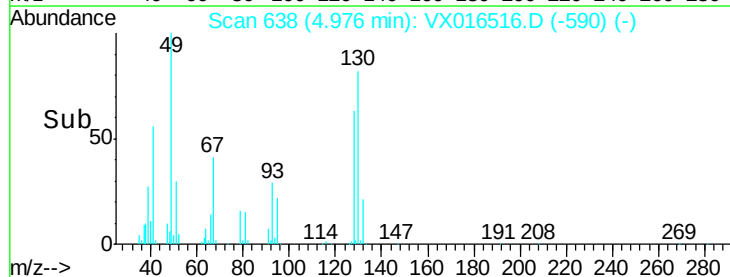
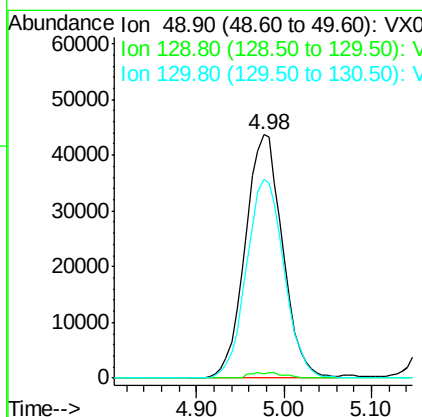
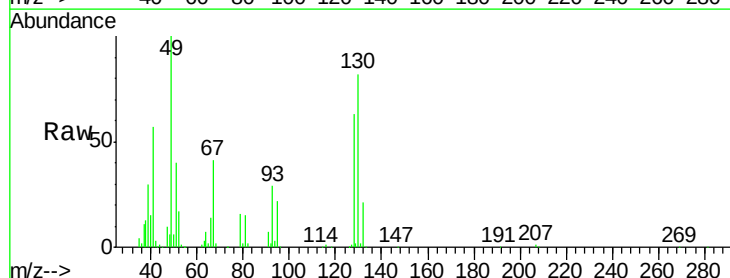
MMDadoda
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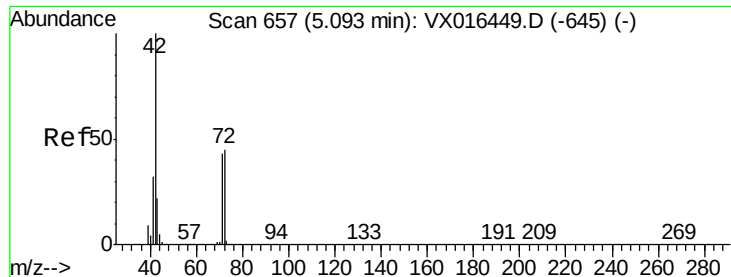


#28

Bromochloromethane
Concen: 47.524 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	130156		
129	2.0	0.0	4.0	
130	82.4	63.0	94.4	





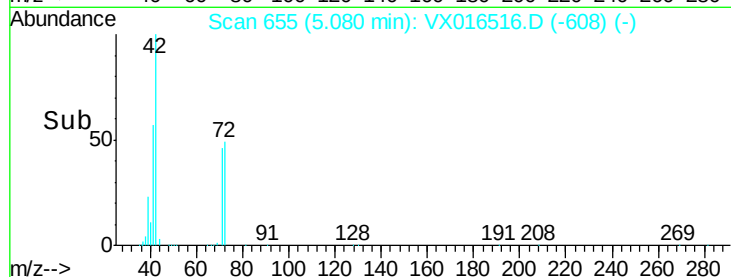
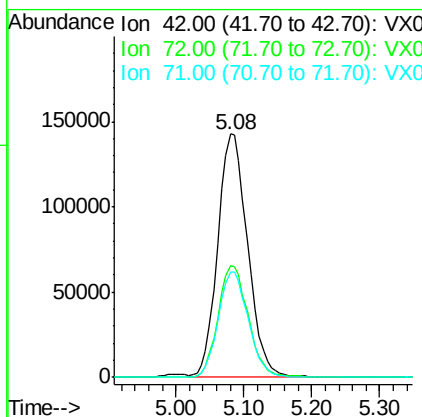
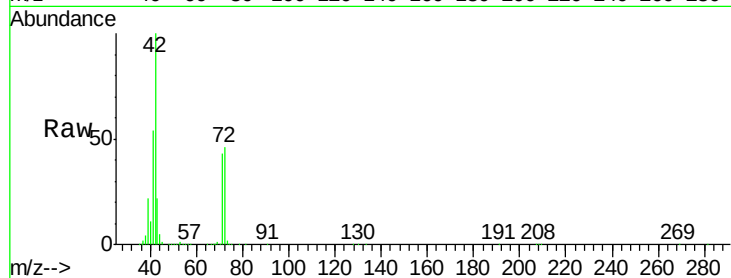
#29
Tetrahydrofuran
Concen: 237.384 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	37.0	55.4
71	43.7	34.1	51.1

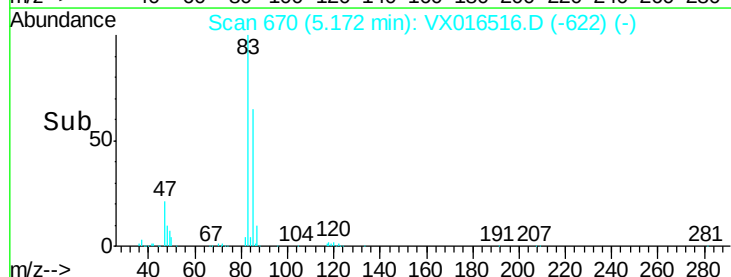
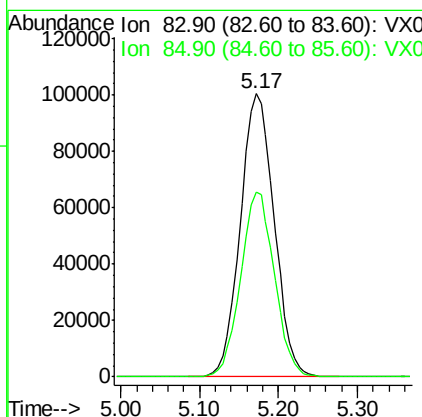
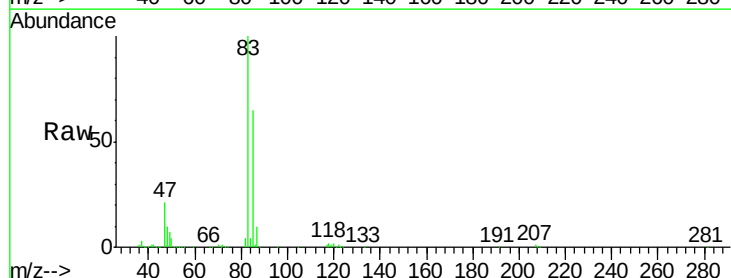
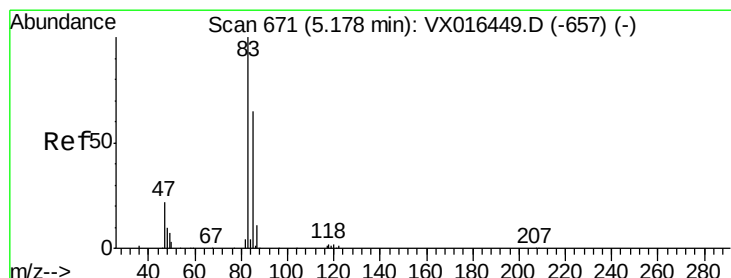
Manual Integrations
APPROVED

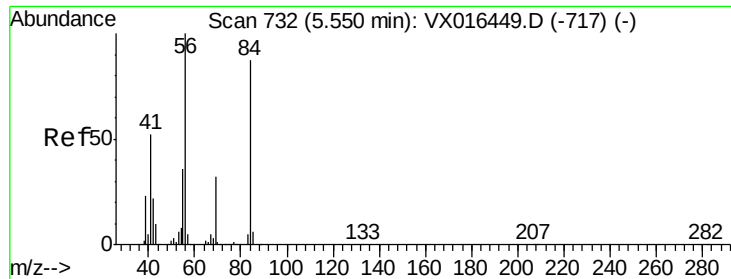
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#30
Chloroform
Concen: 50.513 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.2	52.0	78.0





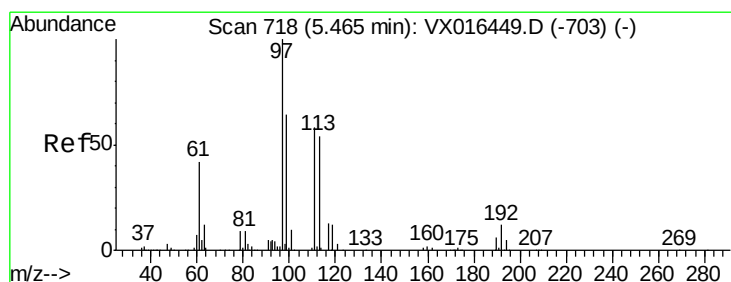
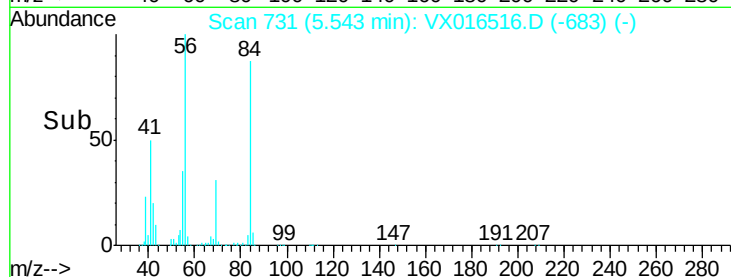
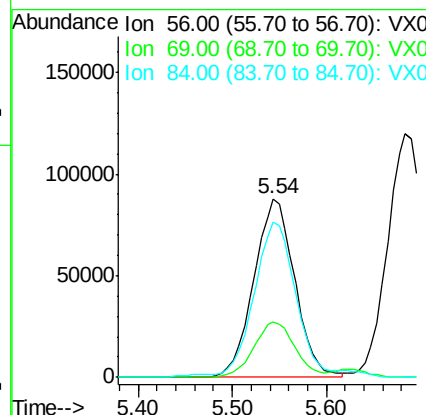
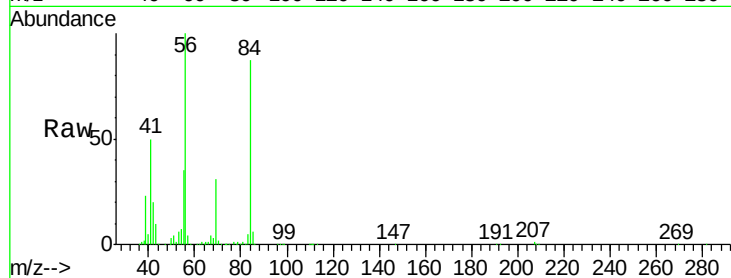
#31
Cyclohexane
Concen: 50.225 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.1	25.7	38.5
84	85.6	70.0	105.0

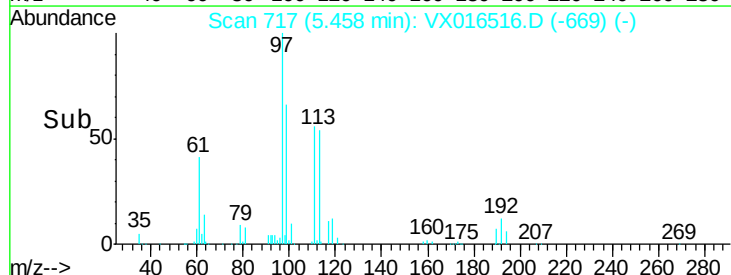
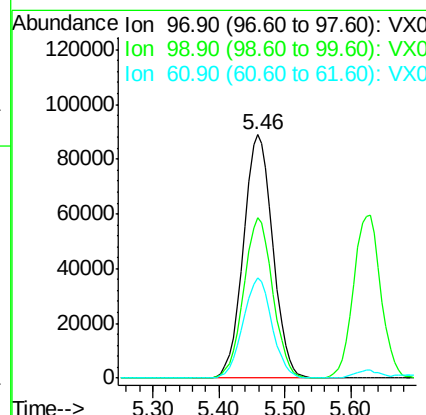
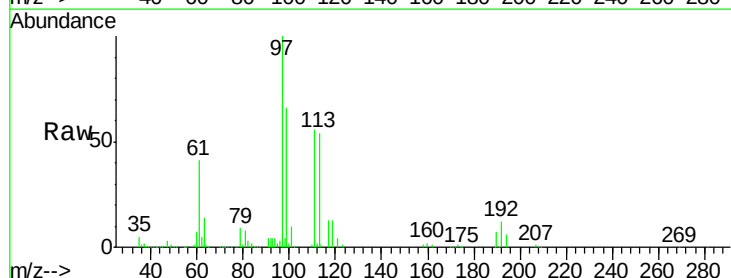
Manual Integrations
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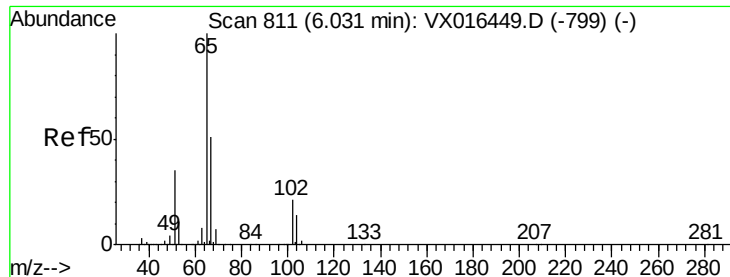
MMDadoda
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#32
1,1,1-Trichloroethane
Concen: 51.060 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.4	77.2
61	40.8	33.5	50.3





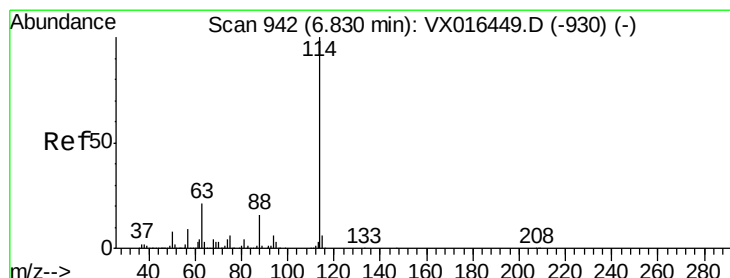
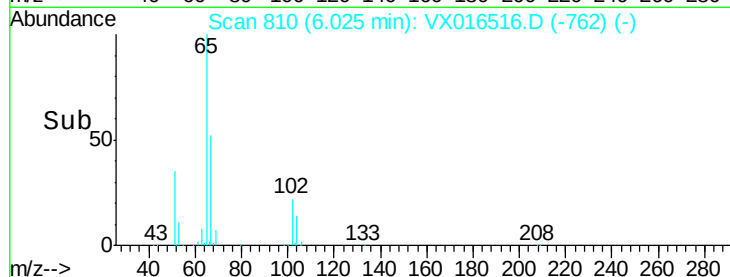
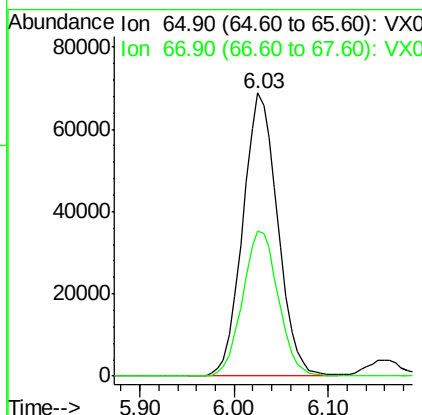
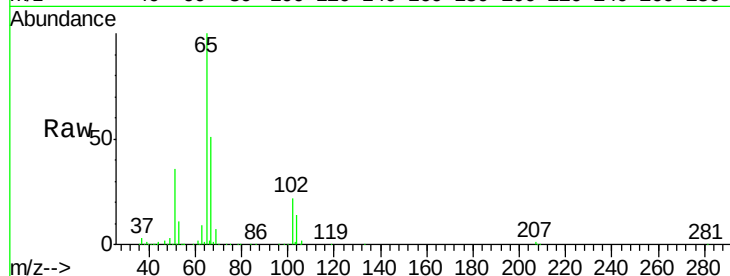
#33
 1,2-Dichloroethane-d4
 Concen: 46.853 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	104.8

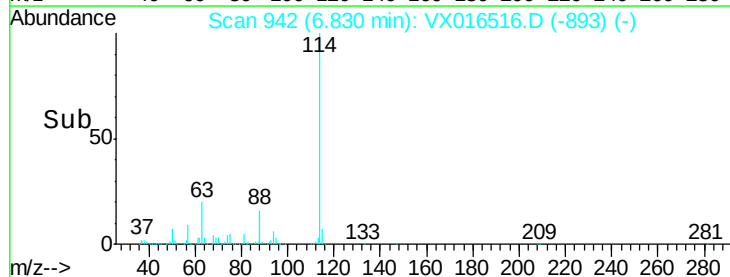
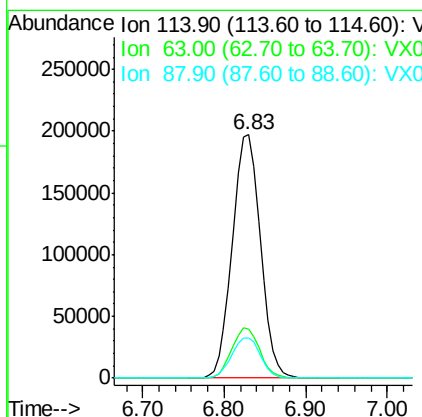
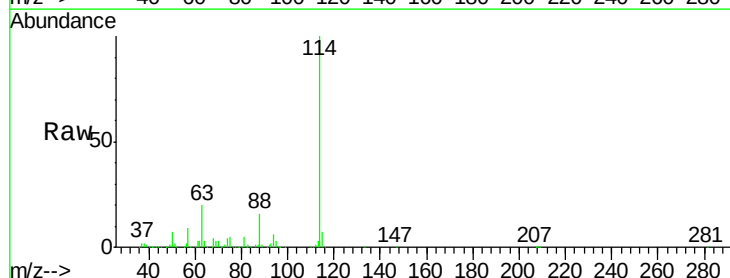
Manual Integrations
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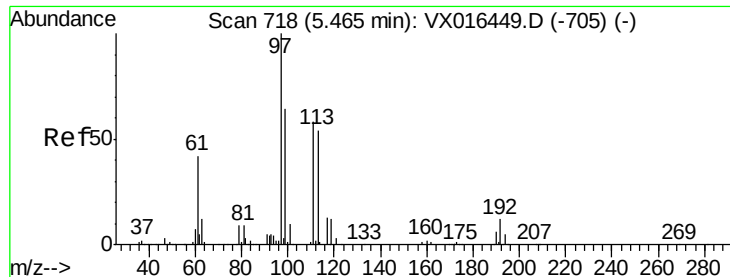
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.6
88	16.4	0.0	32.8





#35

Dibromofluoromethane

Concen: 49.131 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

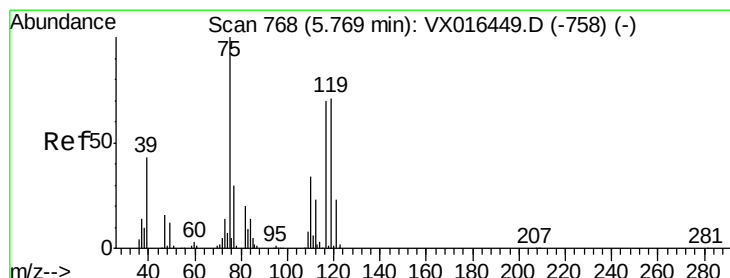
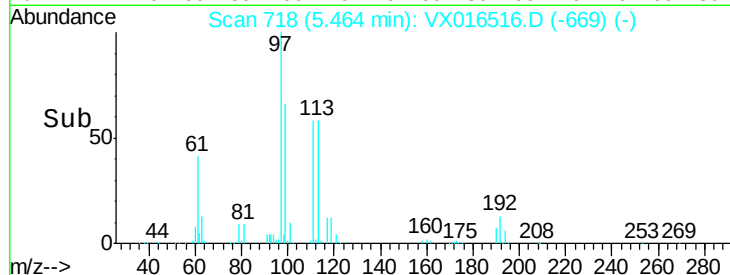
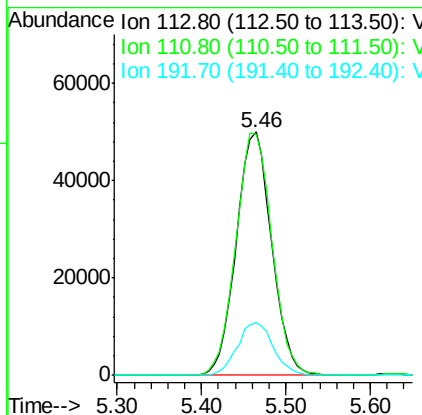
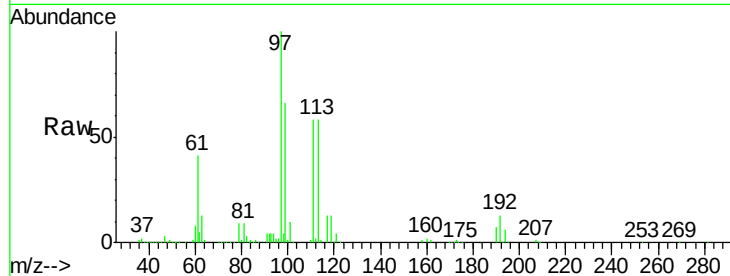
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	141866
Ion Ratio	Lower	Upper	
113	100		
111	102.0	83.0	124.6
192	22.0	17.7	26.5

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 52.770 ug/l

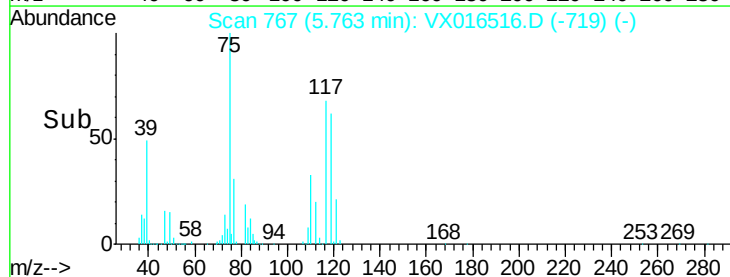
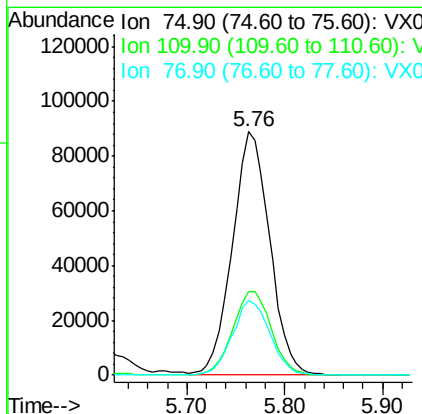
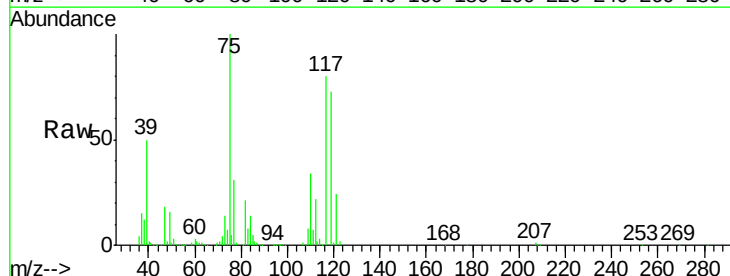
RT: 5.76 min Scan# 767

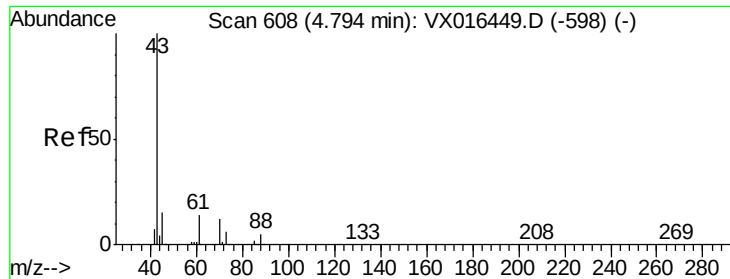
Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Tgt Ion:	75	Resp:	234301
Ion Ratio	Lower	Upper	
75	100		
110	35.6	17.4	52.3
77	31.0	24.2	36.4





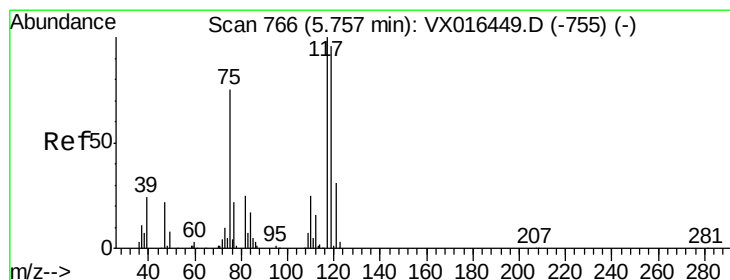
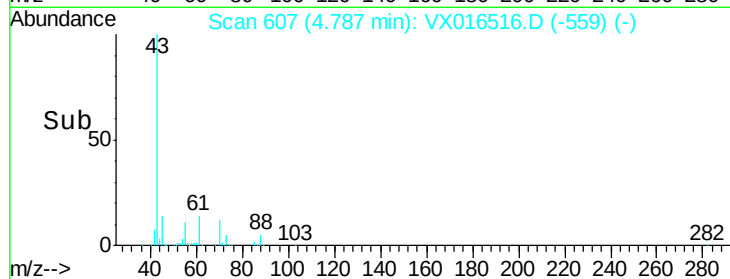
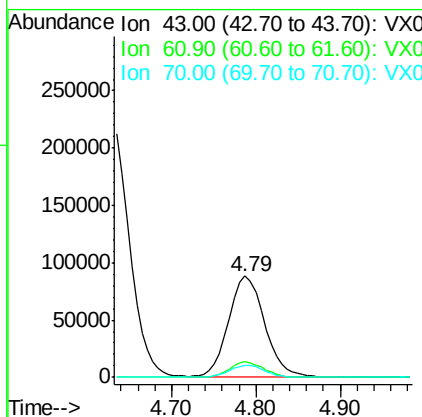
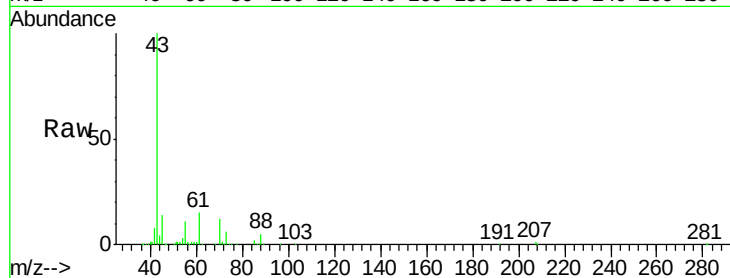
#37
Ethyl Acetate
Concen: 47.909 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	43	Resp	255387
Ion	Ratio	Lower	Upper
43	100		
61	14.5	11.3	16.9
70	11.9	9.3	13.9

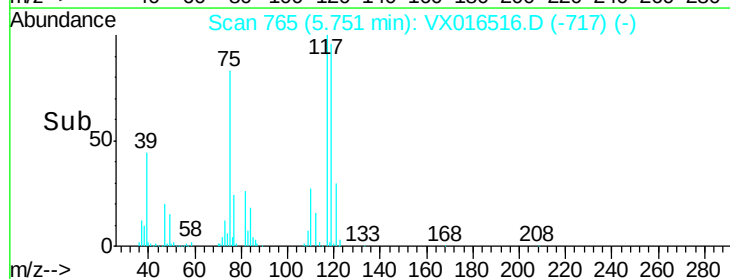
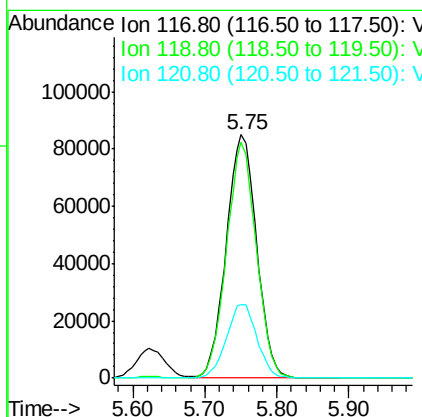
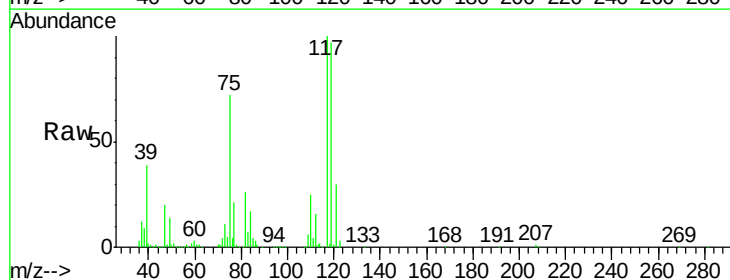
Manual Integrations
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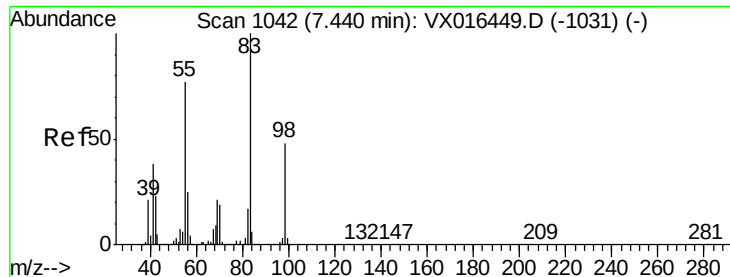
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#38
Carbon Tetrachloride
Concen: 53.562 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion	117	Resp	249923
Ion	Ratio	Lower	Upper
117	100		
119	96.9	76.3	114.5
121	30.0	24.6	37.0





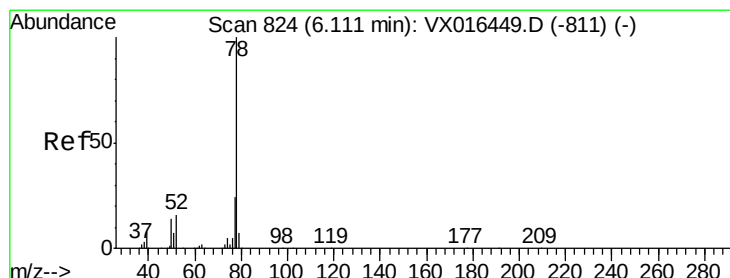
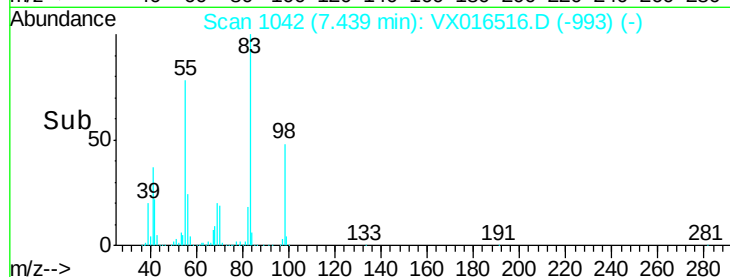
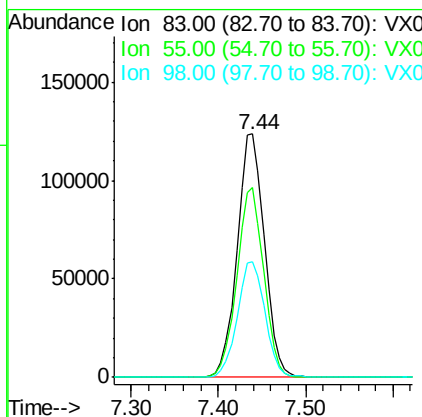
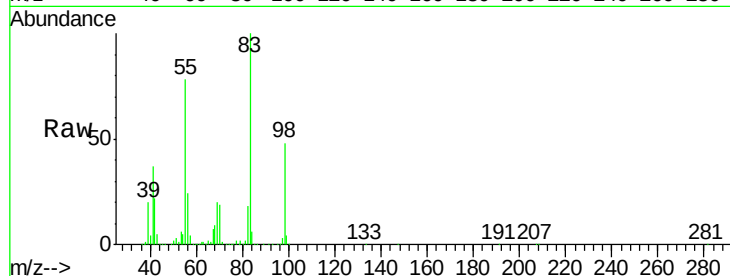
#39
Methylvlcyclohexane
Concen: 55.502 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.0	61.7	92.5
98	47.7	38.7	58.1

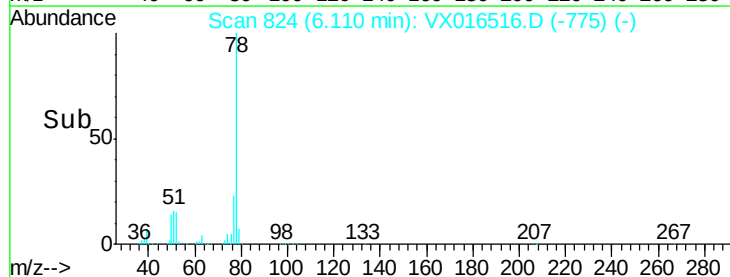
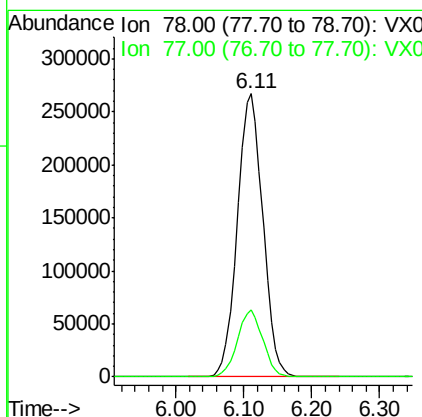
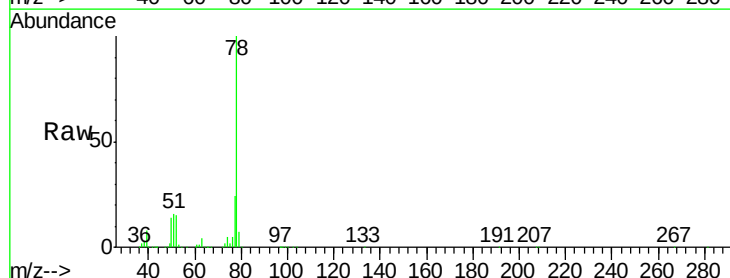
Manual Integrations
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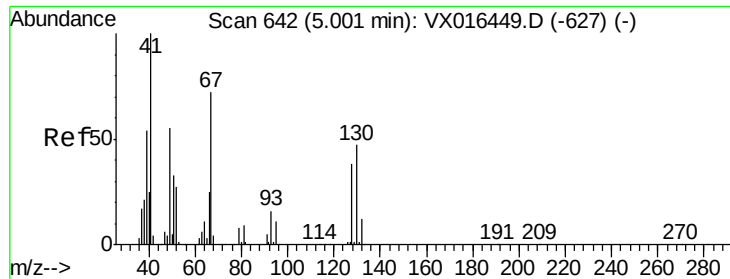
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#40
Benzene
Concen: 52.413 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.9	28.3





#41

Methacrylonitrile

Concen: 47.983 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

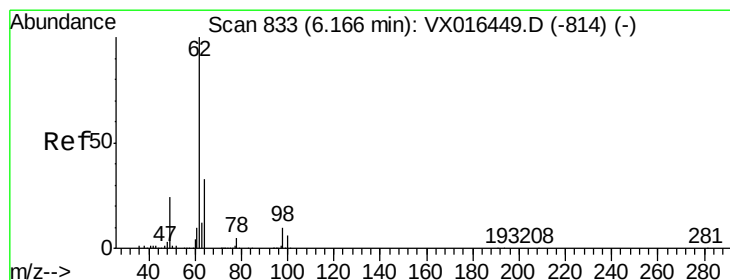
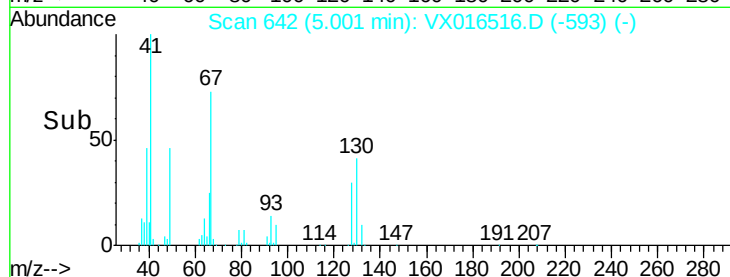
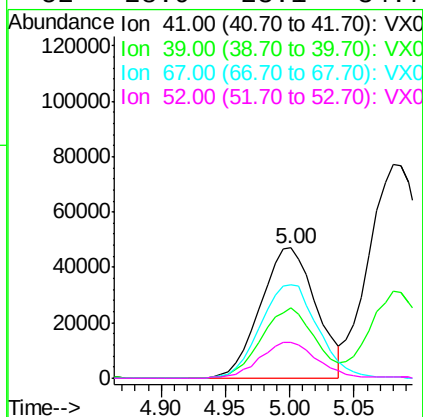
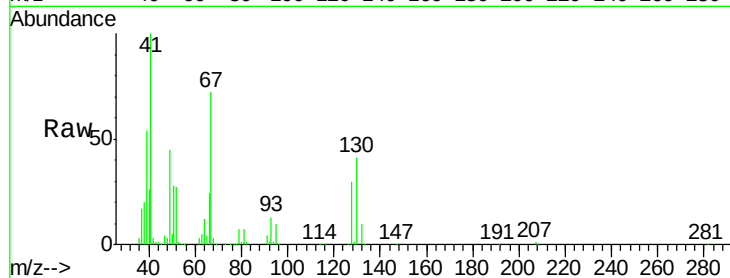
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.2	43.0	64.4	
67	74.6	58.9	88.3	
52	28.9	23.1	34.7	

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 51.080 ug/l

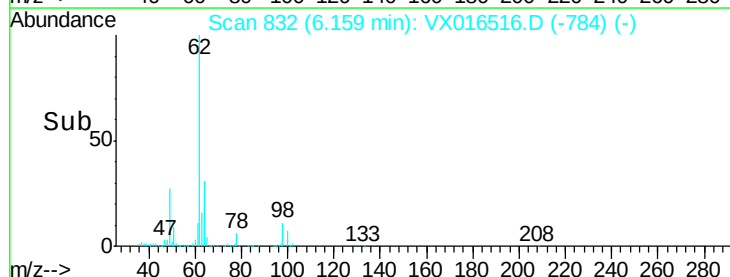
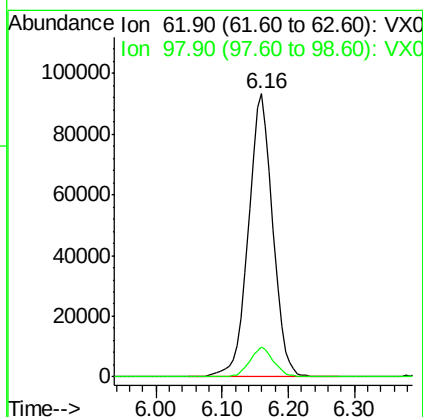
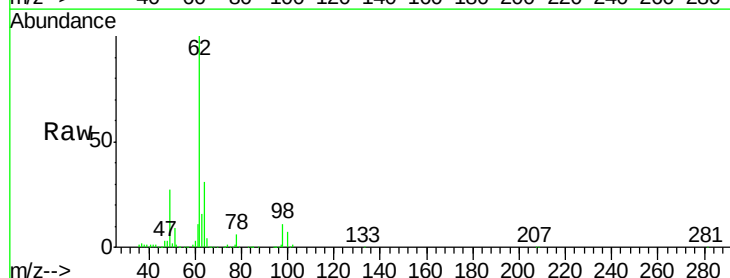
RT: 6.16 min Scan# 832

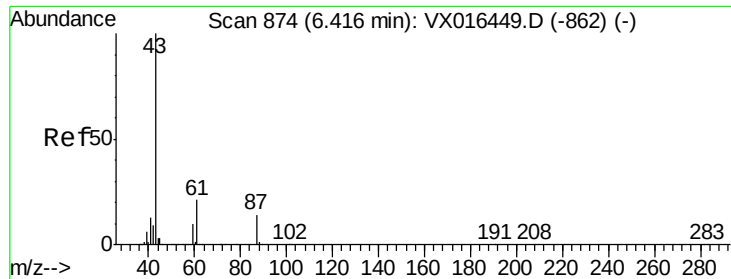
Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	0.0	19.8	





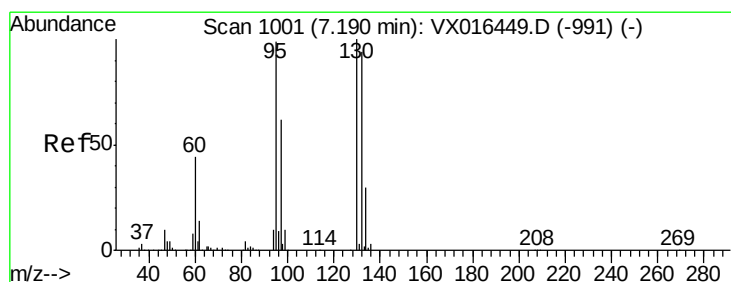
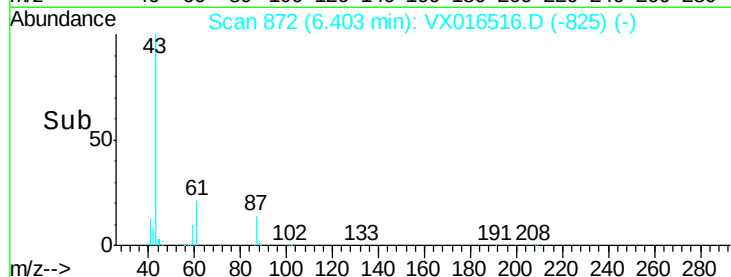
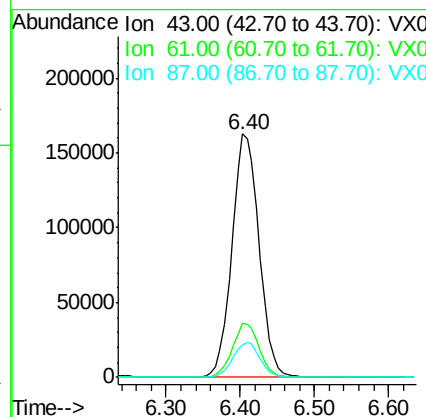
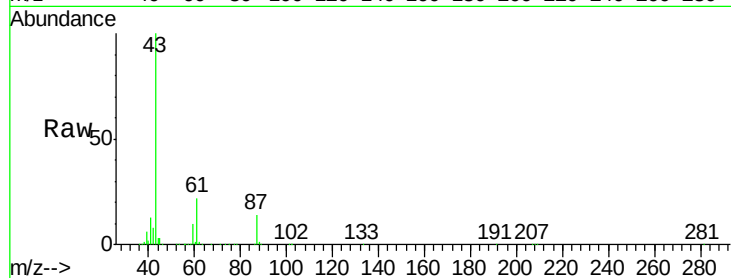
#43
Isopropyl Acetate
Concen: 49.502 ug/l
RT: 6.40 min Scan# 872
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	16.8	25.2
87	14.4	11.2	16.8

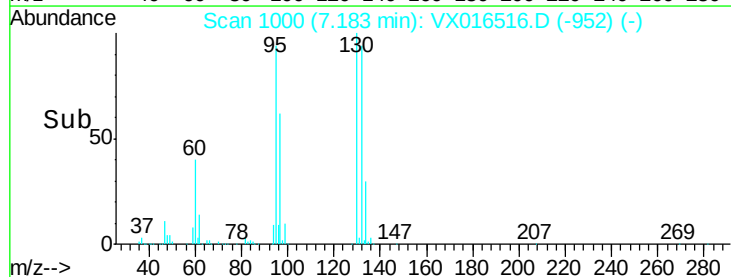
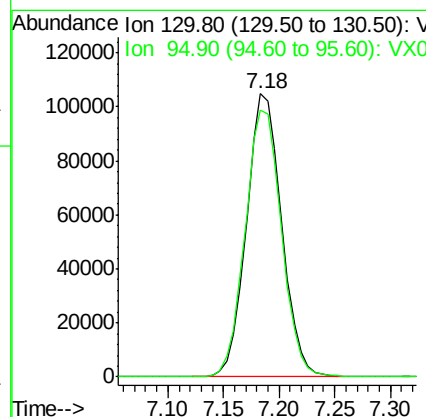
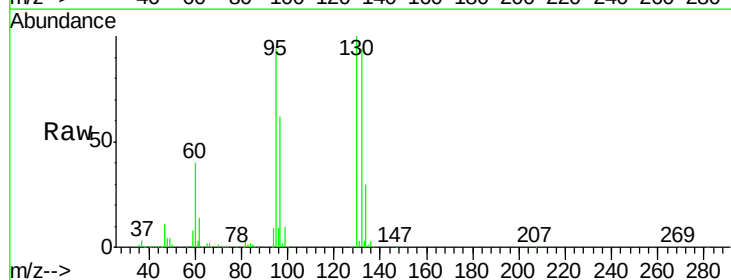
Manual Integrations
APPROVED

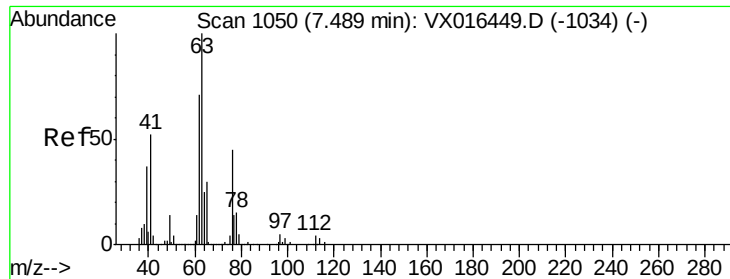
MMDadoda
6/2/2020 11:34:58 AM



#44
Trichloroethene
Concen: 54.896 ug/l
RT: 7.18 min Scan# 1000
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	198.2





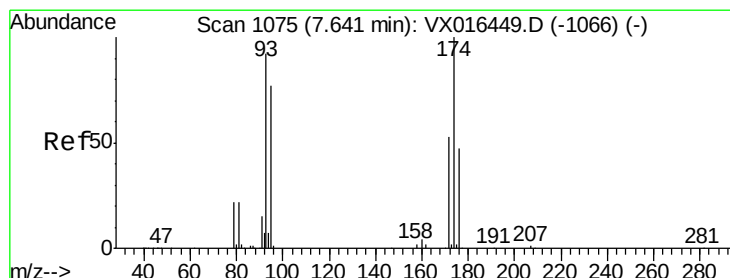
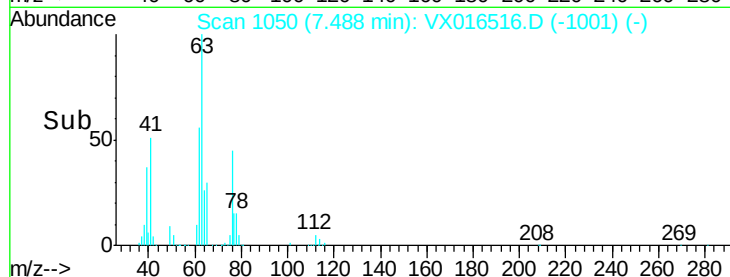
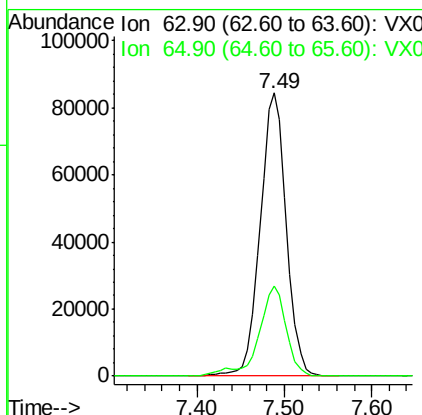
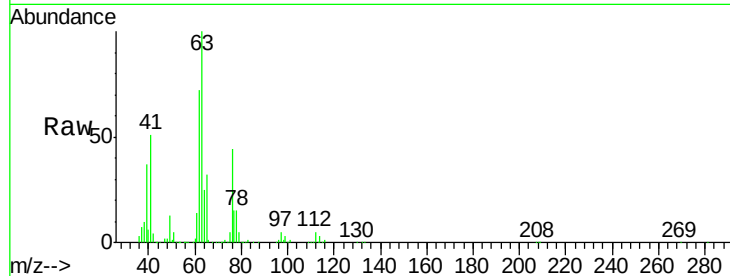
#45
 1,2-Dichloropropane
 Concen: 52.157 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.8	24.2	36.2

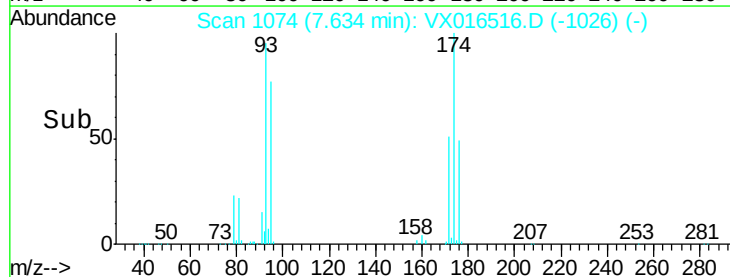
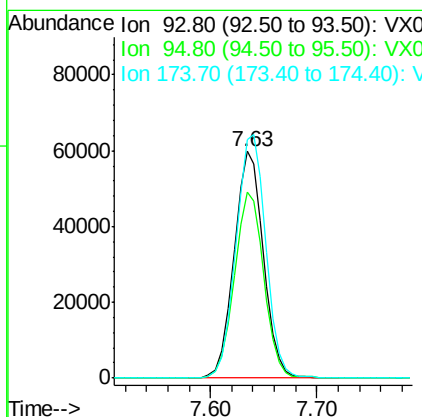
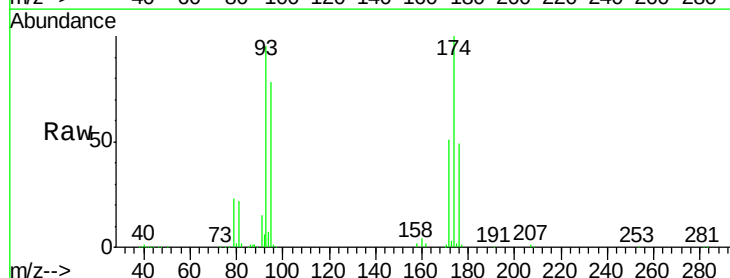
Manual Integrations
 APPROVED

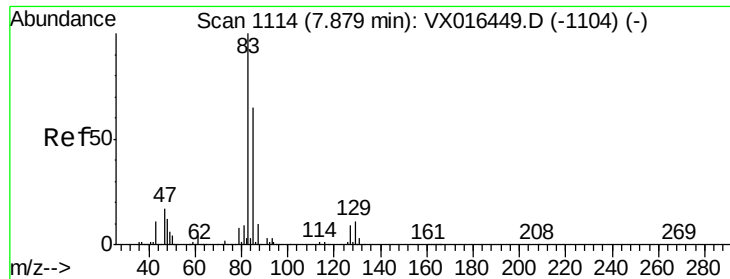
MMDadoda
 6/2/2020 11:34:58 AM



#46
 Dibromomethane
 Concen: 51.221 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.01 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	66.6	100.0
174	109.2	86.2	129.4





#47

Bromodichloromethane

Concen: 52.653 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

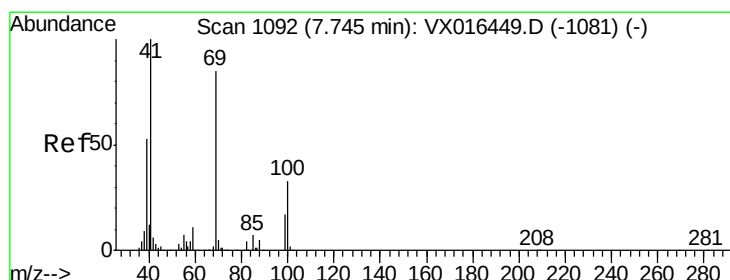
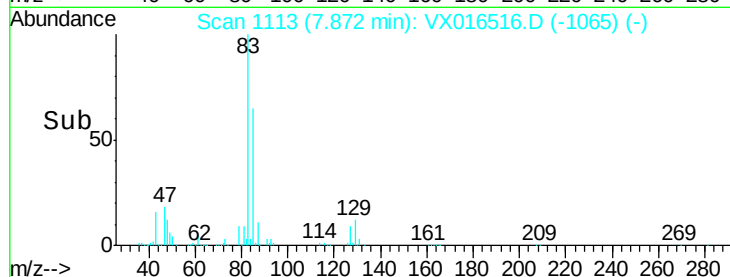
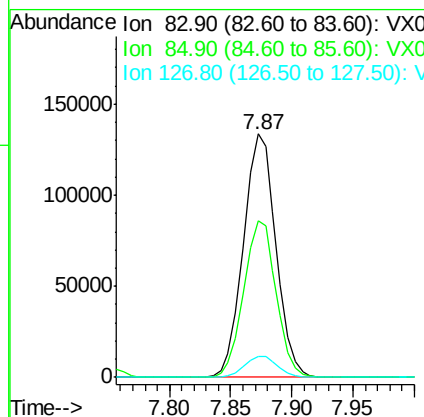
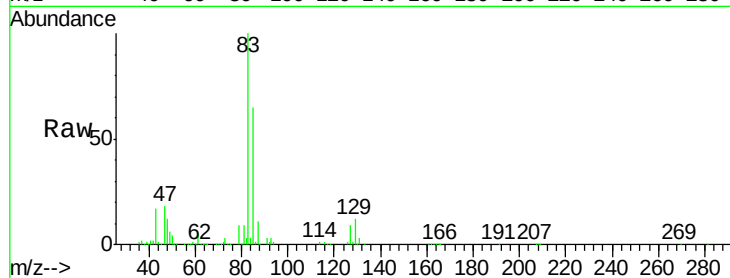
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	246485
Ion Ratio	Lower	Upper	
83	100		
85	64.5	52.0	78.0
127	8.7	7.4	11.0

Manual Integrations
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MMDadoda
6/2/2020 11:34:58 AM



#48

Methyl methacrylate

Concen: 49.919 ug/l

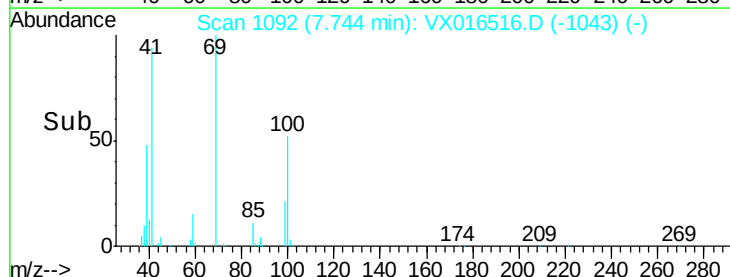
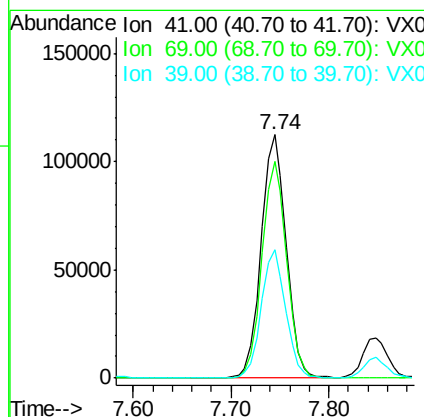
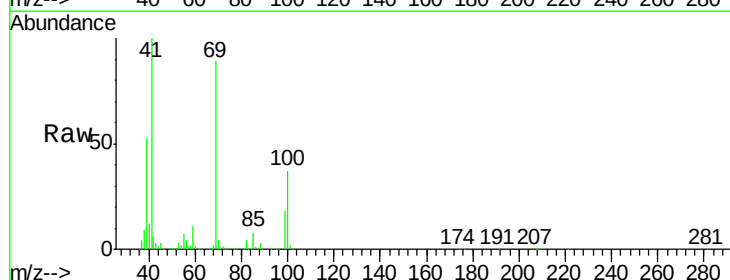
RT: 7.74 min Scan# 1092

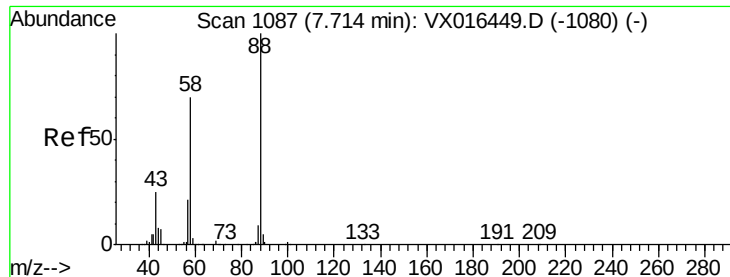
Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Tgt Ion:	41	Resp:	198734
Ion Ratio	Lower	Upper	
41	100		
69	88.5	68.6	102.8
39	51.6	42.4	63.6





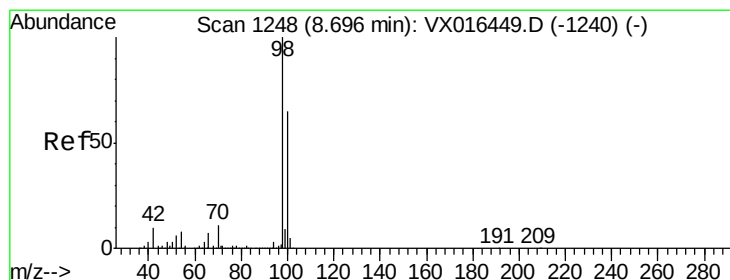
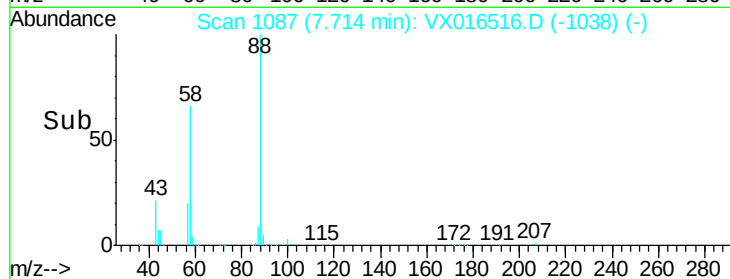
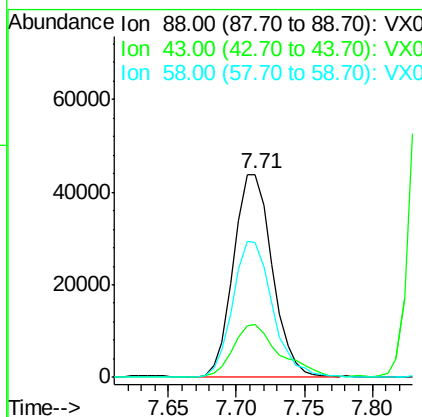
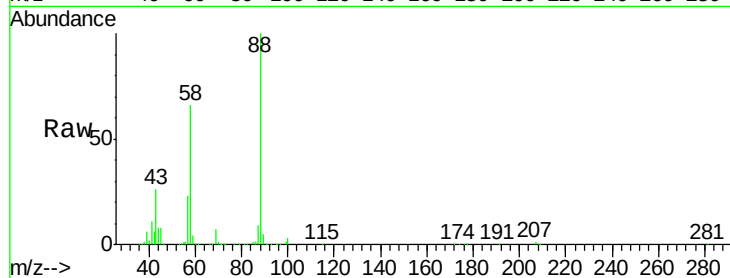
#49
1,4-Dioxane
Concen: 944.748 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.6	24.2	36.4
58	68.7	56.5	84.7

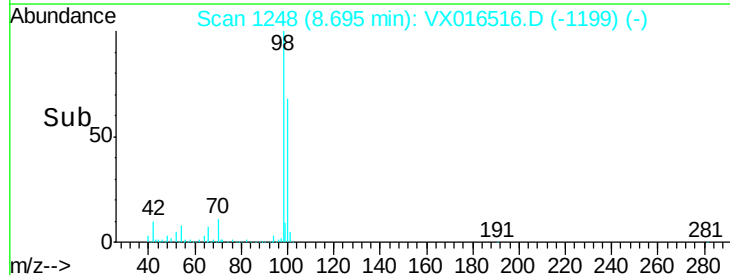
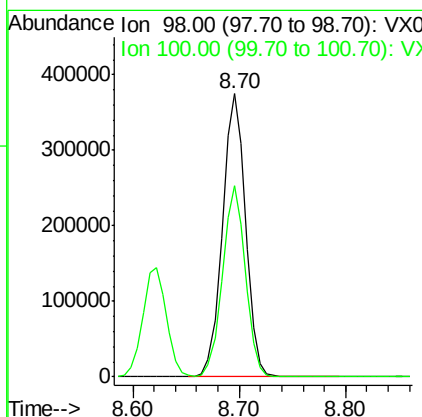
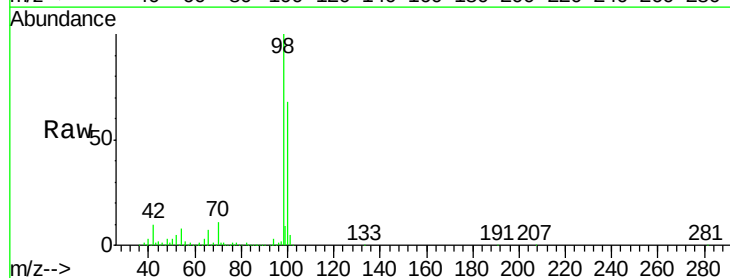
Manual Integrations
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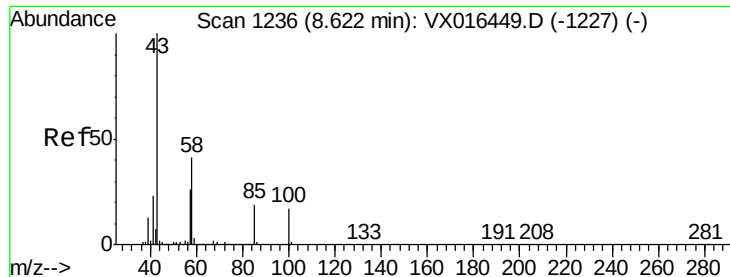
MMDadoda
6/2/2020 11:34:58 AM



#50
Toluene-d8
Concen: 50.493 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.9	53.8	80.6





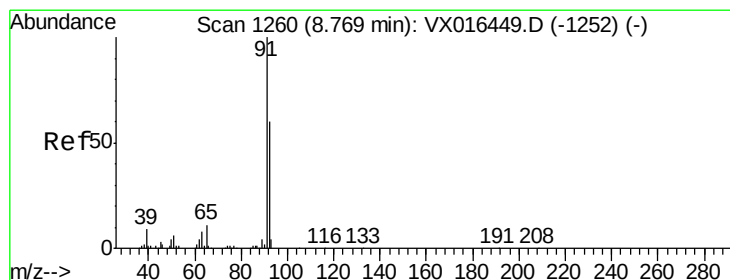
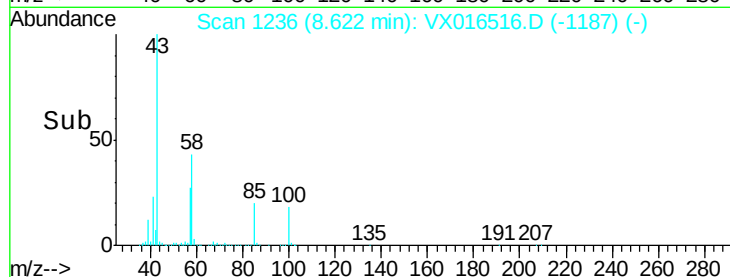
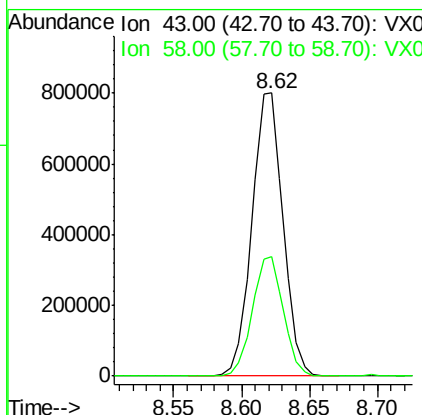
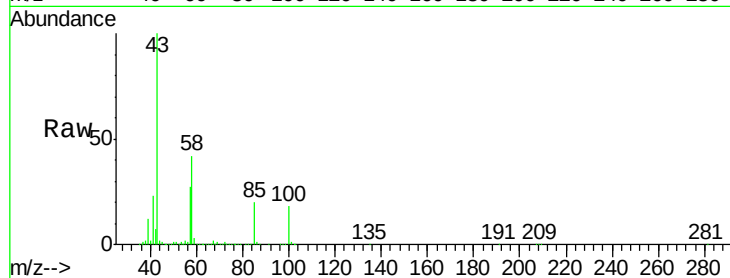
#51
4-Methyl-2-Pentanone
Concen: 248.405 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 43 Resp: 1286072
Ion Ratio Lower Upper
43 100
58 42.0 33.0 49.6

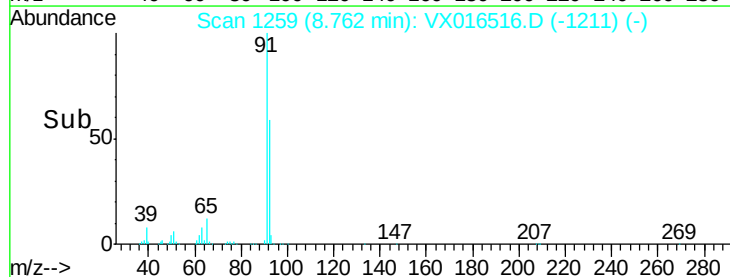
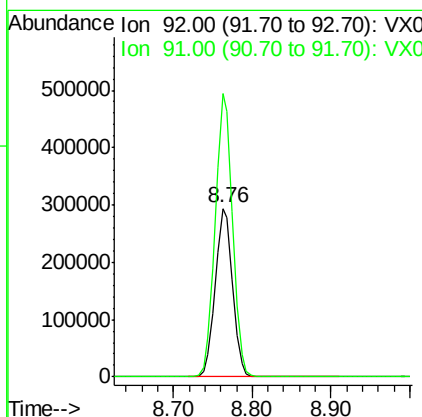
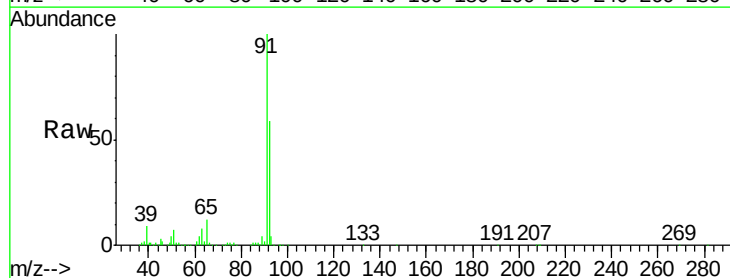
Manual Integrations
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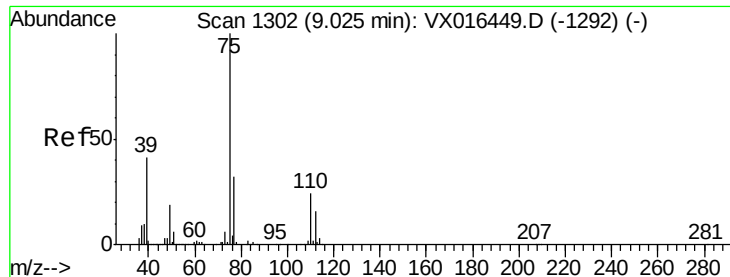
MMDadoda
6/2/2020 11:34:58 AM



#52
Toluene
Concen: 53.772 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion: 92 Resp: 448339
Ion Ratio Lower Upper
92 100
91 168.8 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 54.787 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 291641

Ion Ratio Lower Upper

75 100

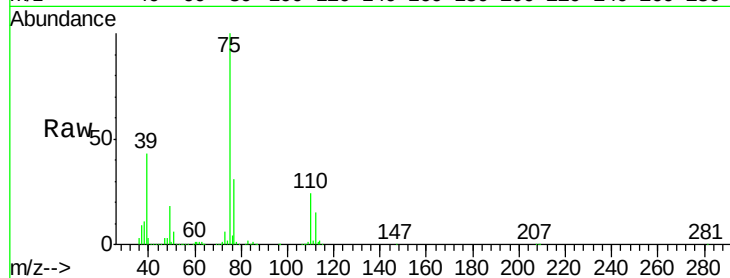
77 31.4 25.5 38.3

Manual Integrations

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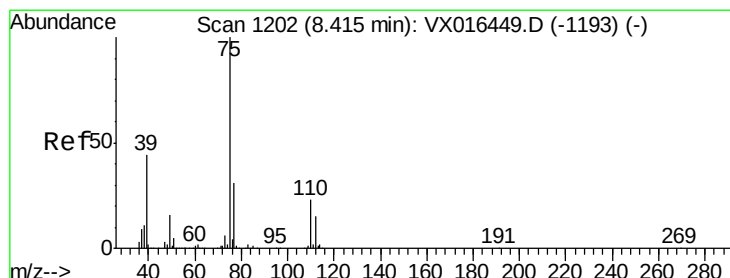
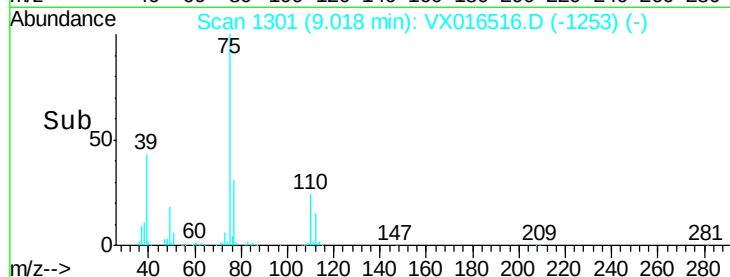
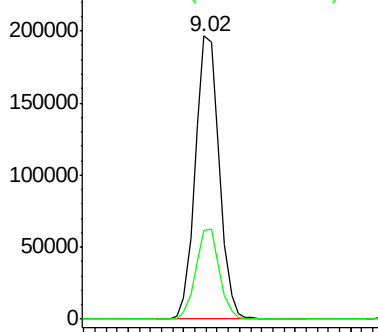
MMDadoda

6/2/2020 11:34:58 AM



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 54.724 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

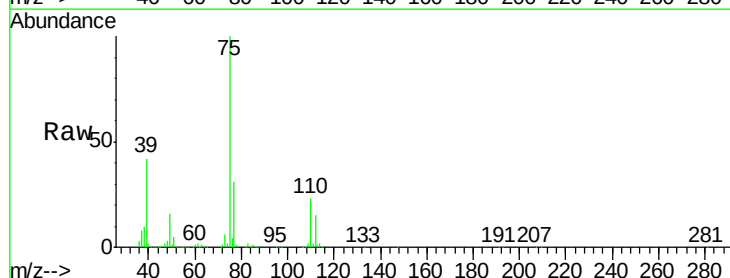
Tgt Ion: 75 Resp: 308338

Ion Ratio Lower Upper

75 100

77 31.2 24.6 36.8

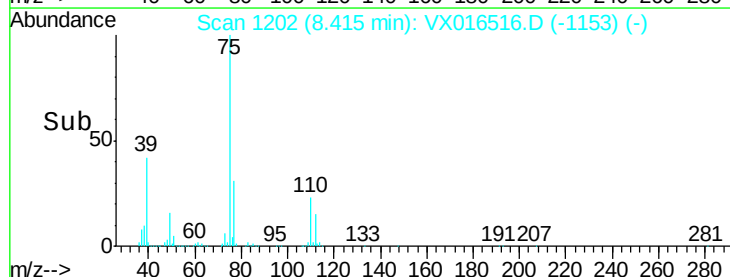
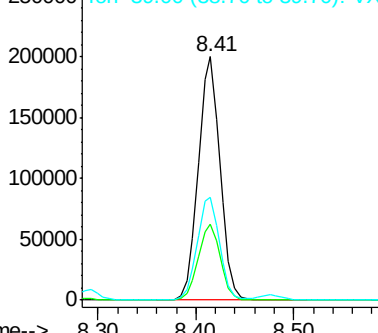
39 42.1 35.3 52.9

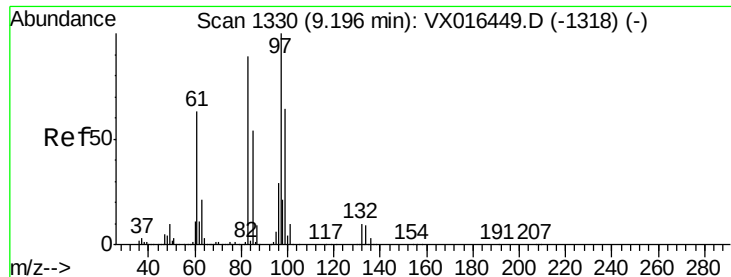


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





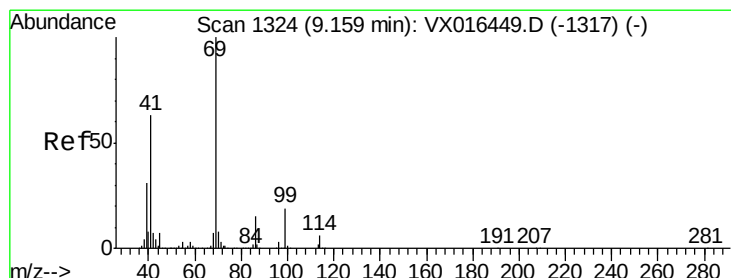
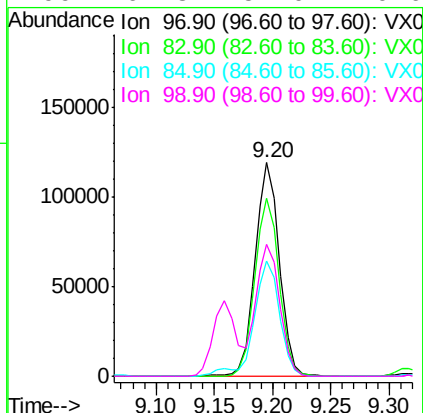
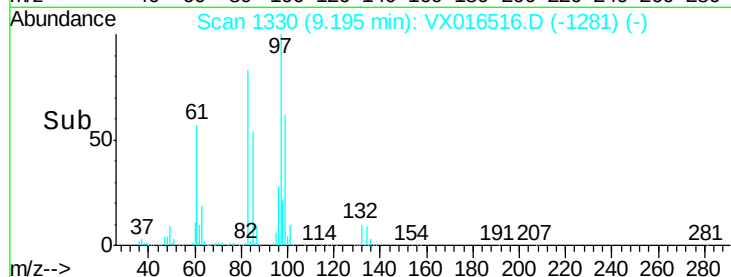
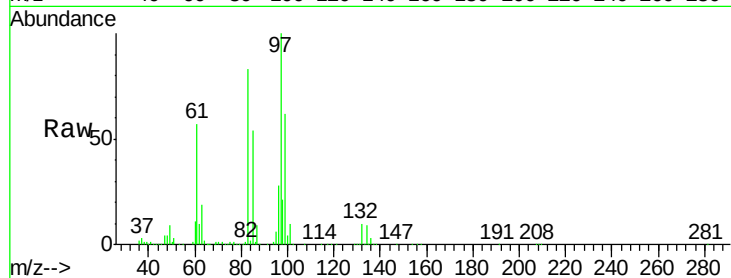
#55
 1,1,2-Trichloroethane
 Concen: 52.267 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	97	Resp	173270
Ion	Ratio	Lower	Upper
97	100		
83	83.2	70.9	106.3
85	53.9	43.4	65.2
99	61.8	51.0	76.6

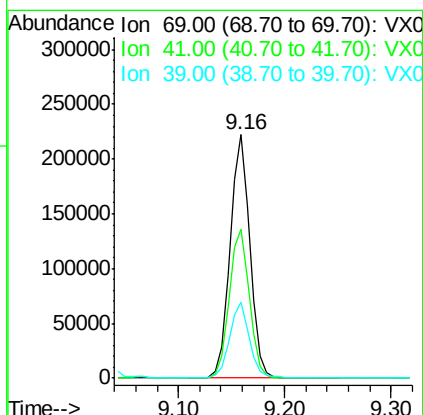
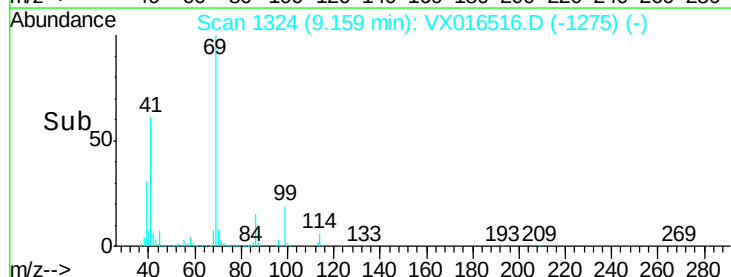
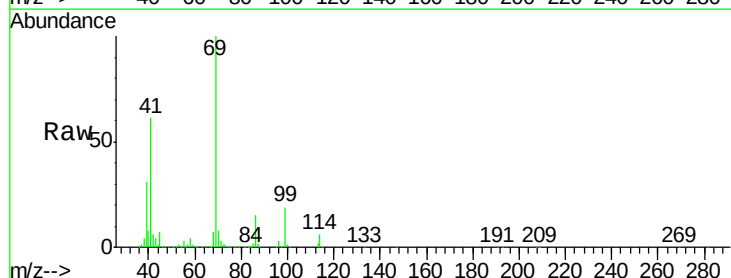
Manual Integrations
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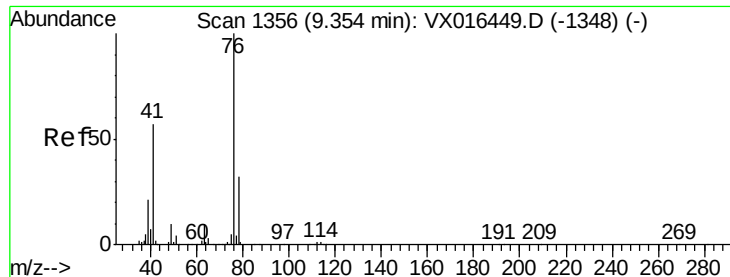
MMDadoda
 6/2/2020 11:34:58 AM



#56
 Ethyl methacrylate
 Concen: 53.645 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion	69	Resp	289634
Ion	Ratio	Lower	Upper
69	100		
41	62.1	50.7	76.1
39	31.2	25.8	38.6





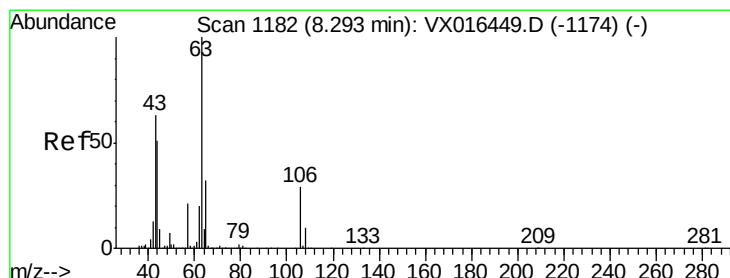
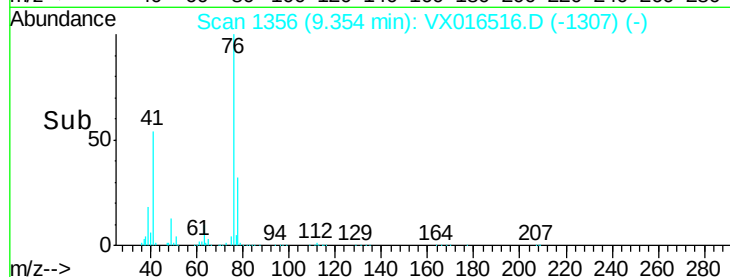
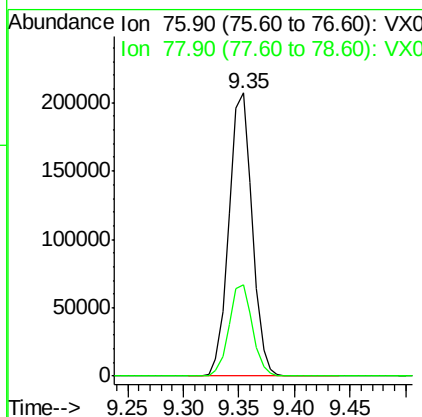
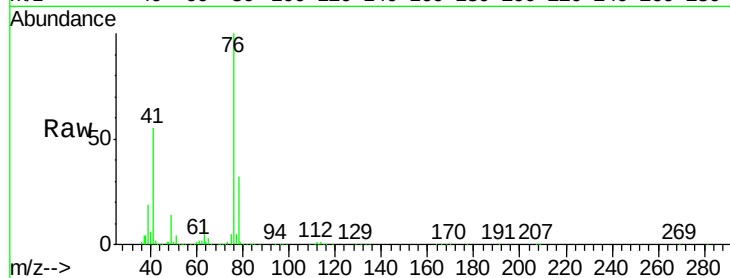
#57
 1,3-Dichloropropane
 Concen: 52.719 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	26.2	39.4

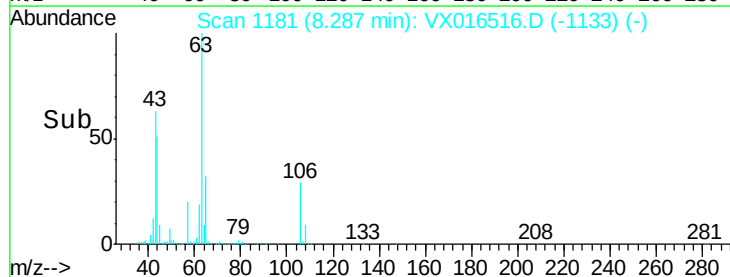
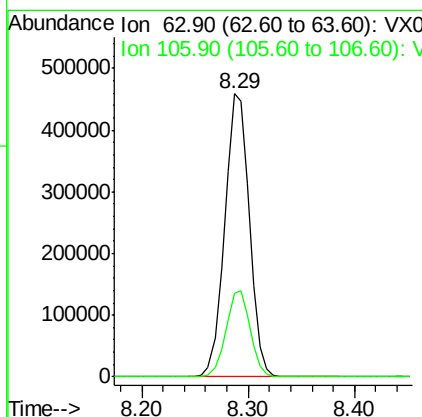
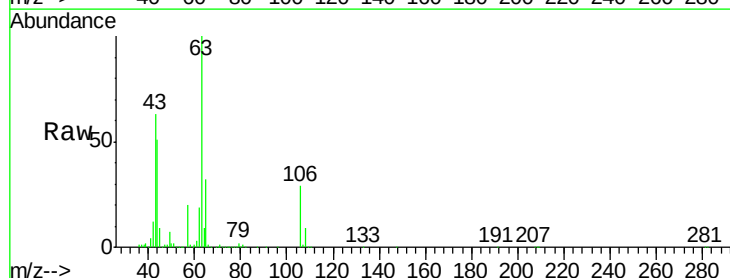
Manual Integrations
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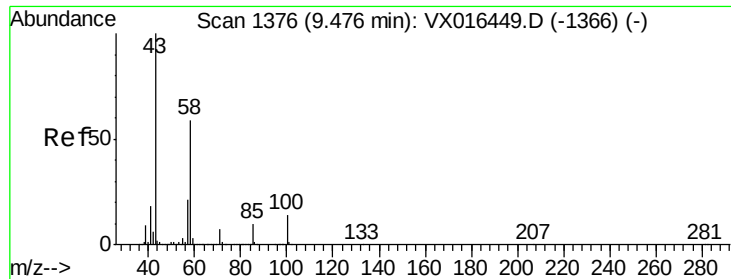
MMDadoda
 6/2/2020 11:34:58 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 263.635 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.8	23.2	34.8





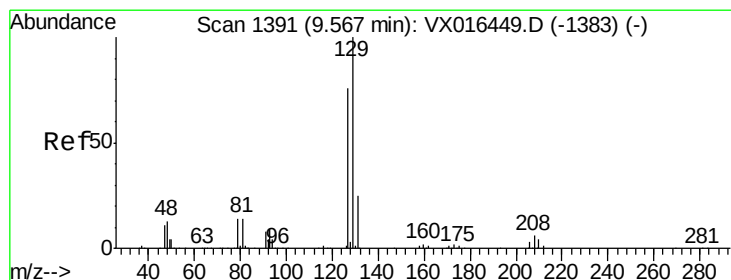
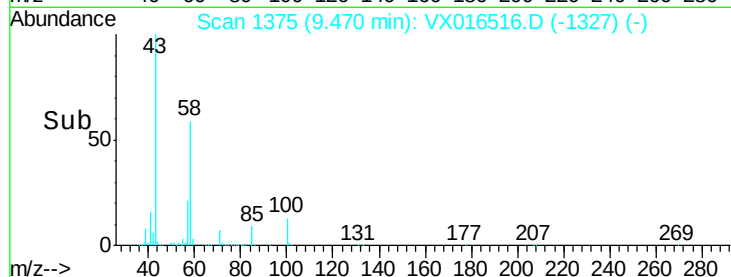
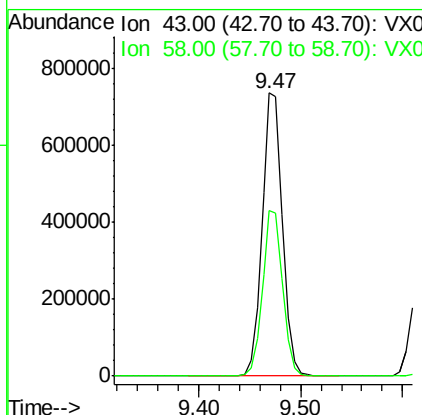
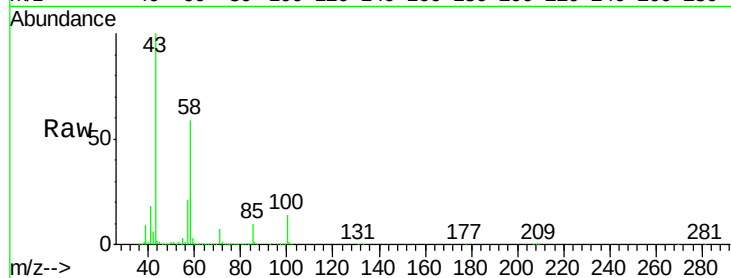
#59
2-Hexanone
Concen: 253.577 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1020947
Ion Ratio Lower Upper
43 100
58 58.1 28.8 86.4

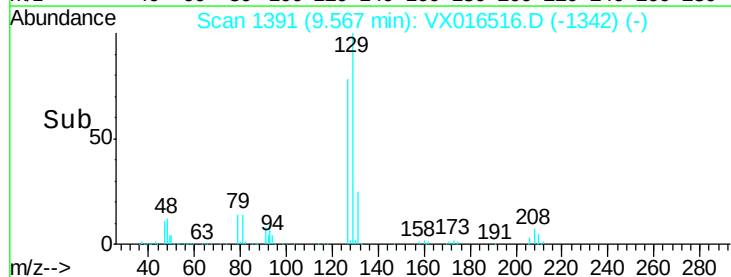
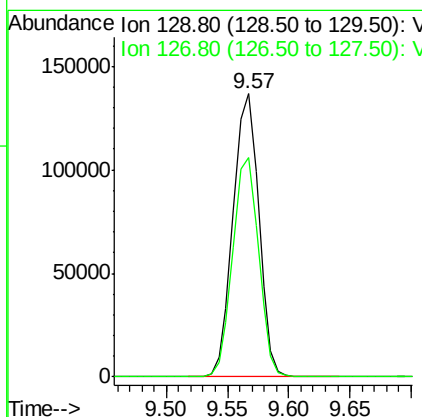
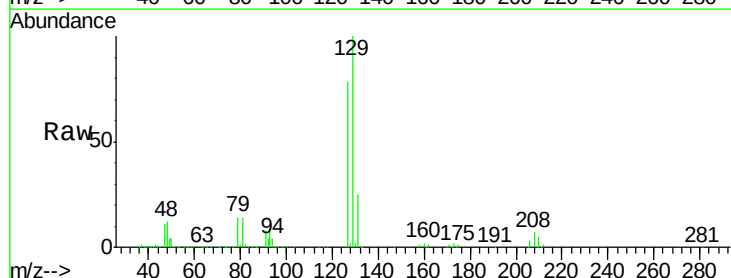
Manual Integrations
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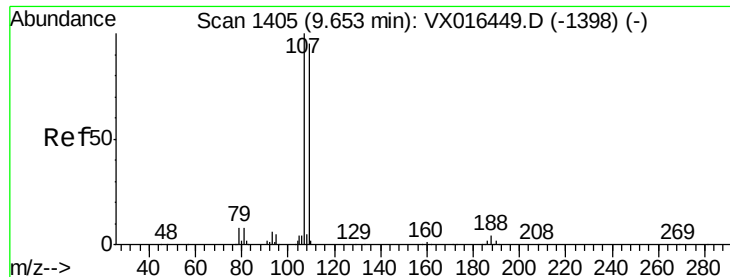
MMDadoda
6/2/2020 11:34:58 AM



#60
Dibromochloromethane
Concen: 53.609 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion: 129 Resp: 2000001
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61

1,2-Dibromoethane

Concen: 52.485 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 186324

Ion Ratio Lower Upper

107 100

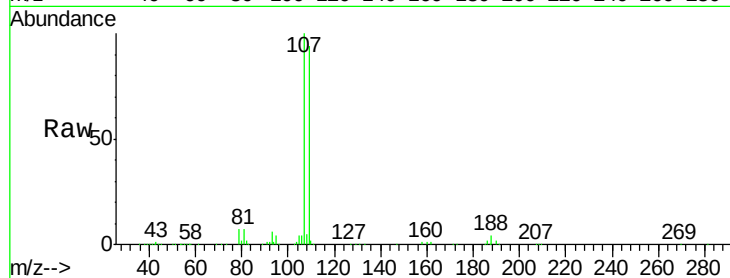
109 94.0 75.5 113.3

Manual Integrations

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MMDadoda

6/2/2020 11:34:58 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

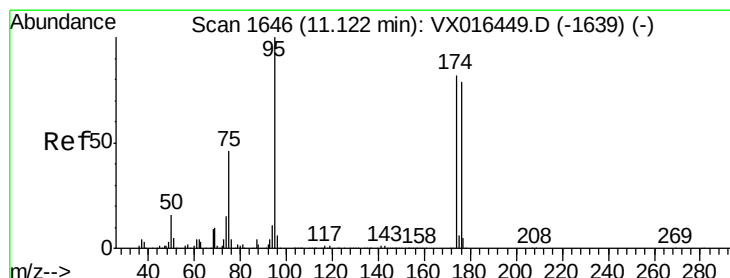
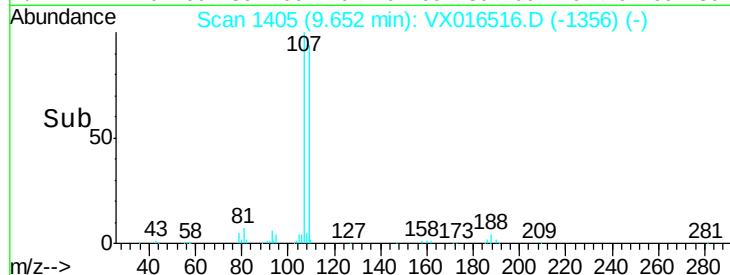
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.086 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

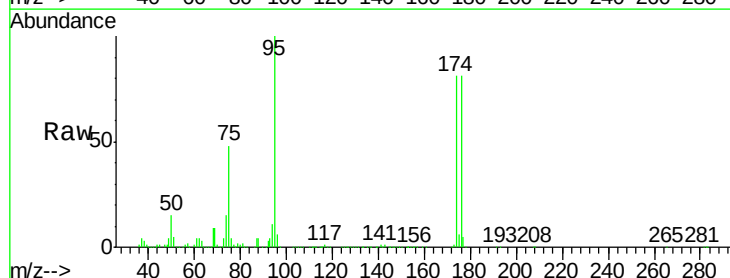
Tgt Ion: 95 Resp: 217506

Ion Ratio Lower Upper

95 100

174 80.8 0.0 163.0

176 78.8 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

200000

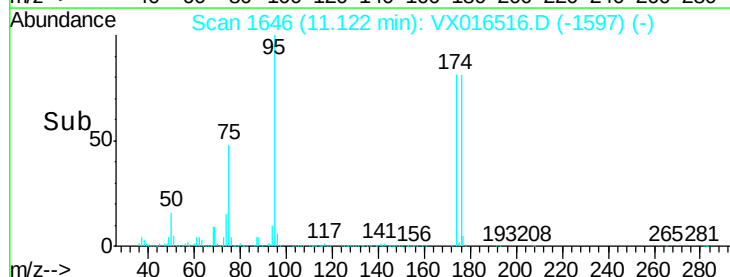
150000

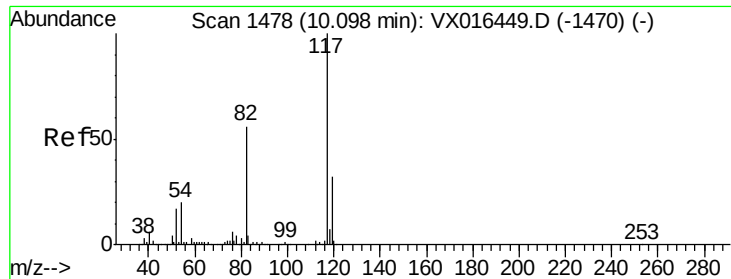
100000

50000

0

Time-->





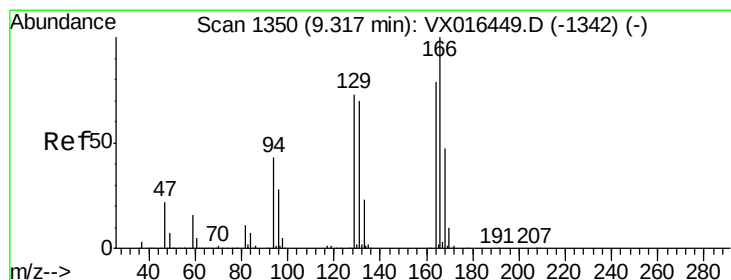
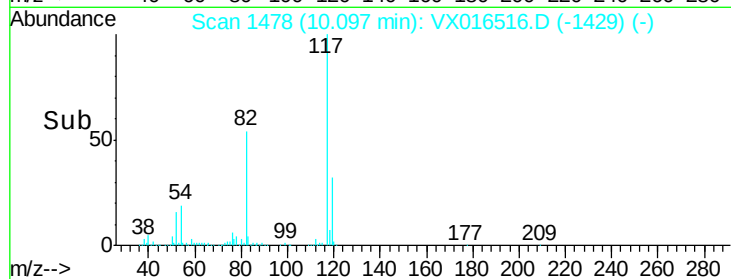
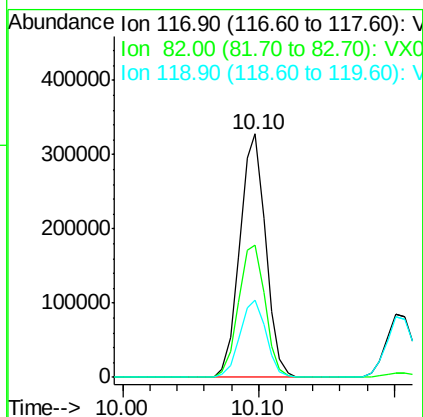
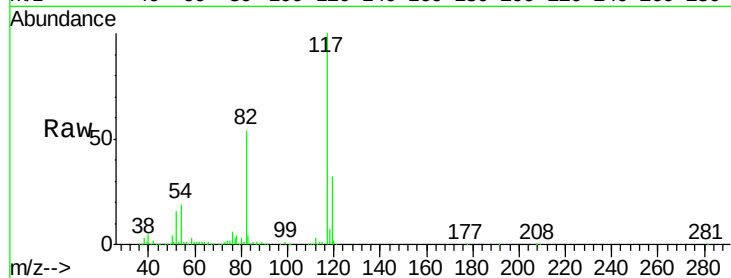
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	45.0	67.6
119	31.9	25.8	38.8

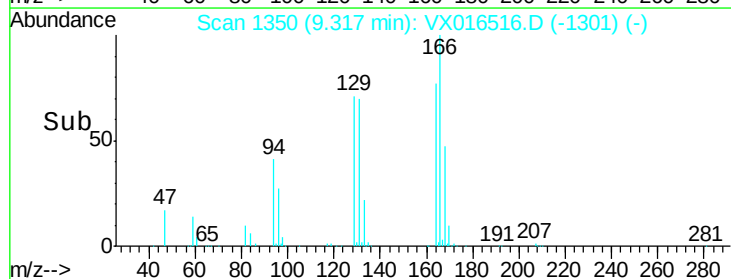
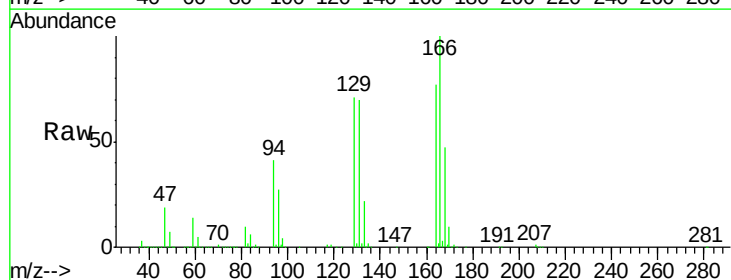
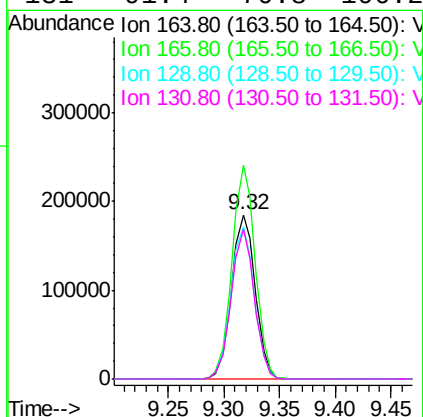
Manual Integrations
APPROVED

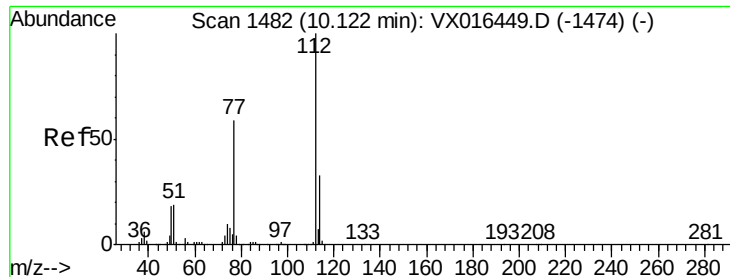
MMDadoda
6/2/2020 11:34:58 AM



#64
Tetrachloroethene
Concen: 55.898 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.1	100.9	151.3
129	92.7	73.2	109.8
131	91.4	70.8	106.2





#65

Chlorobenzene

Concen: 53.624 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 475328

Ion Ratio Lower Upper

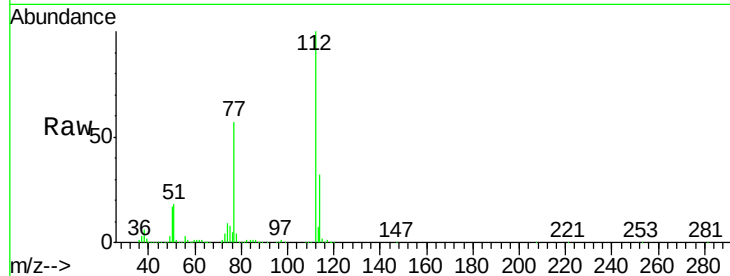
112 100

114 31.6 26.0 39.0

Manual Integrations
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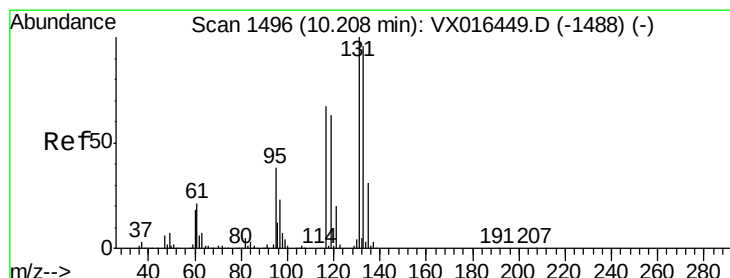
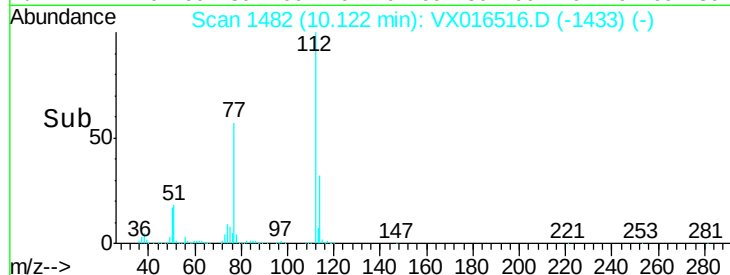
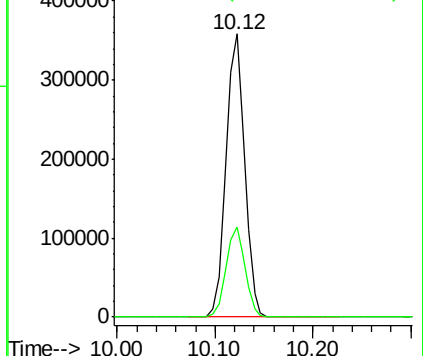
MMDadoda

6/2/2020 11:34:58 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.226 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

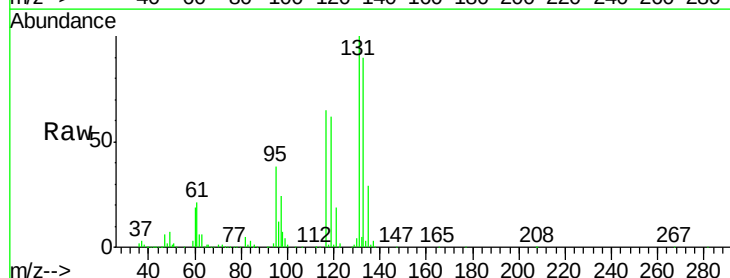
Tgt Ion:131 Resp: 180098

Ion Ratio Lower Upper

131 100

133 94.4 48.4 145.3

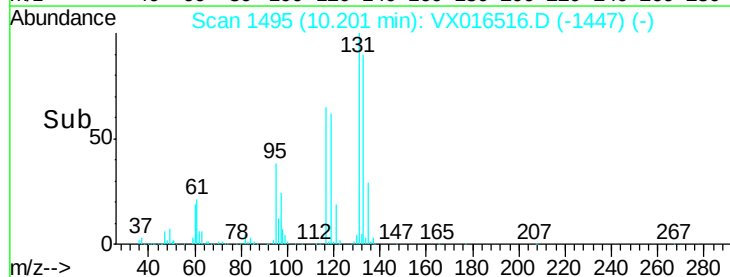
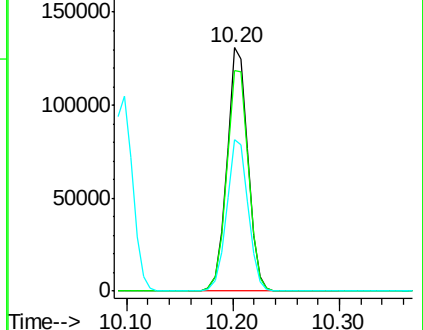
119 63.6 32.0 96.2

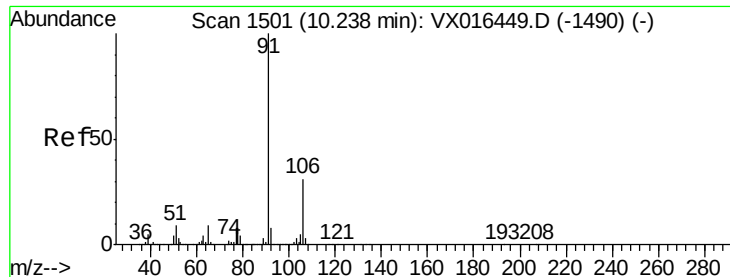


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





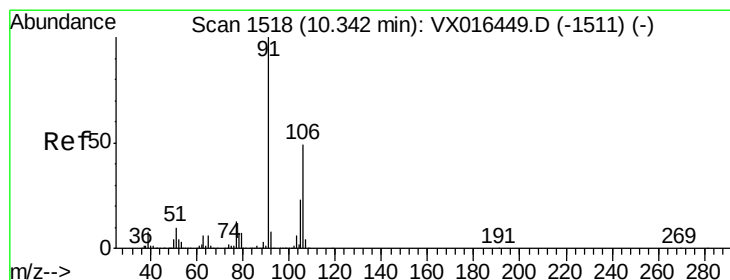
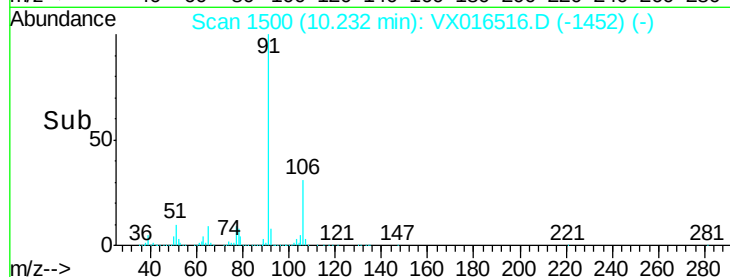
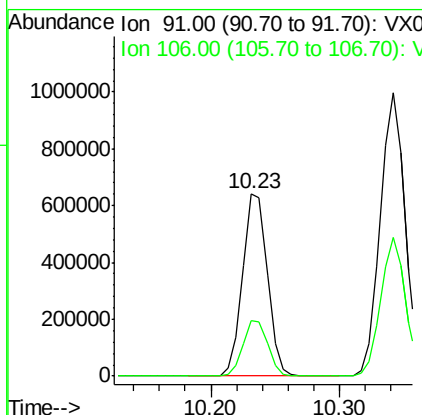
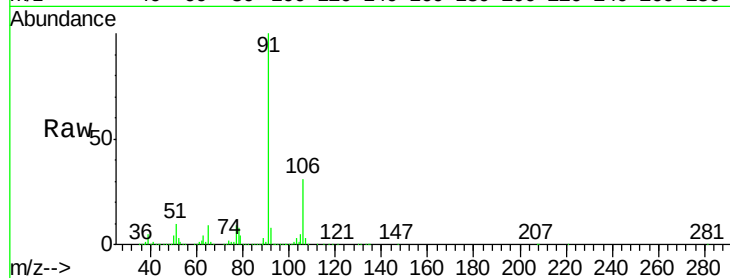
#67
Ethyl Benzene
Concen: 54.029 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 91 Resp: 852684
Ion Ratio Lower Upper
91 100
106 30.6 25.0 37.4

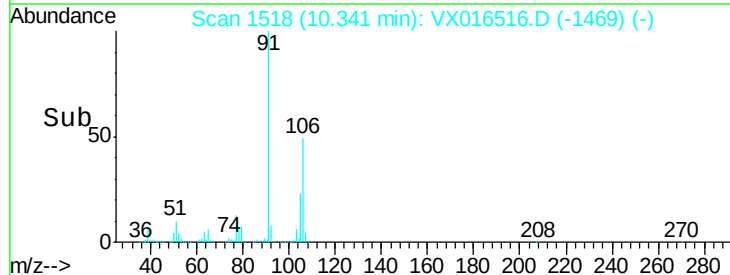
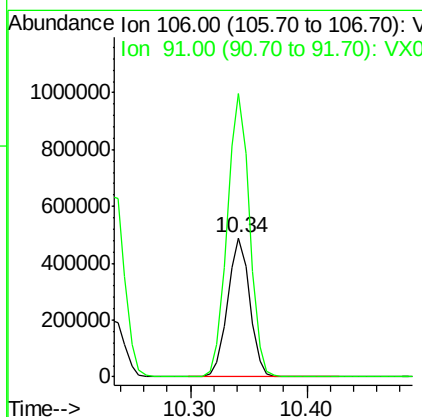
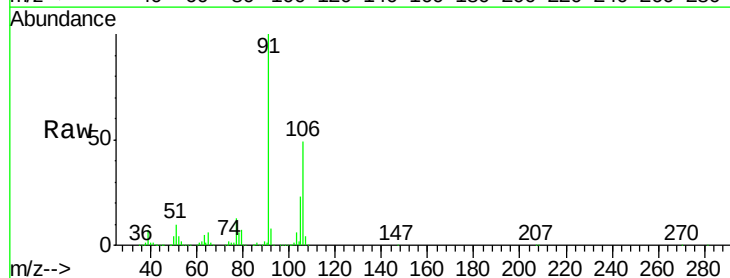
Manual Integrations
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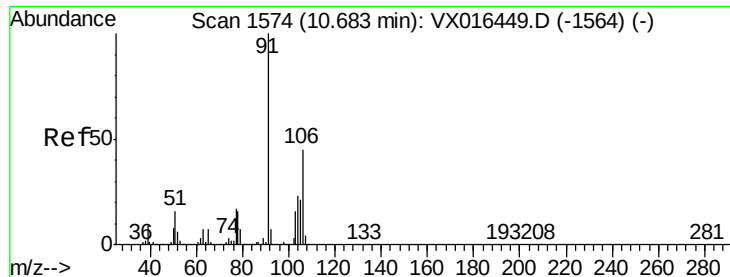
MMDadoda
6/2/2020 11:34:58 AM



#68
m/p-Xylenes
Concen: 110.492 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion: 106 Resp: 646543
Ion Ratio Lower Upper
106 100
91 205.2 163.8 245.8





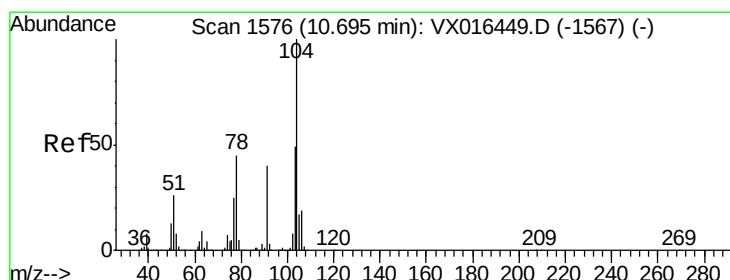
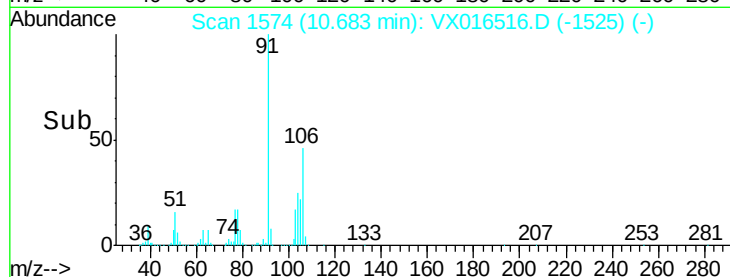
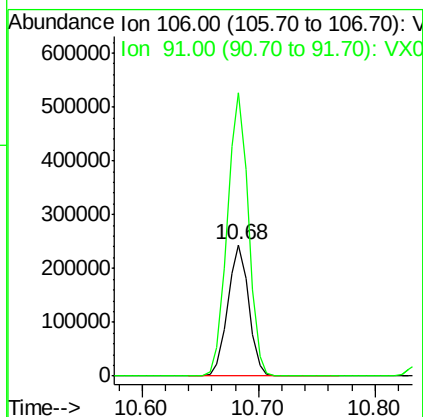
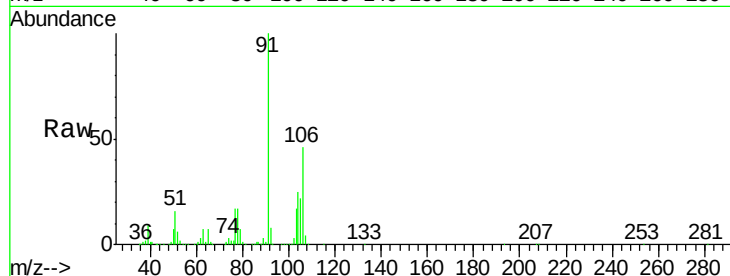
#69
o-Xylene
Concen: 53.900 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	216.7	109.6	328.8

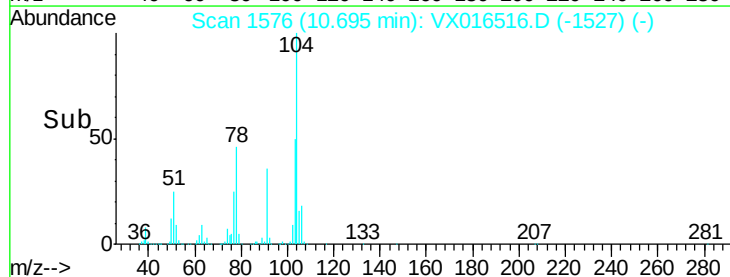
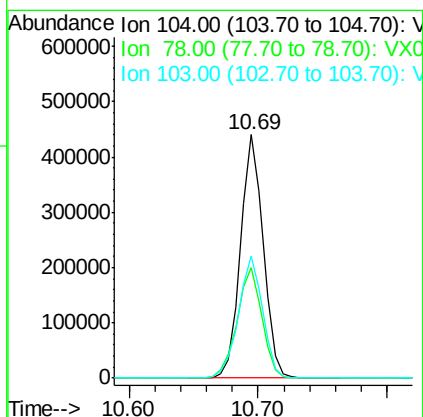
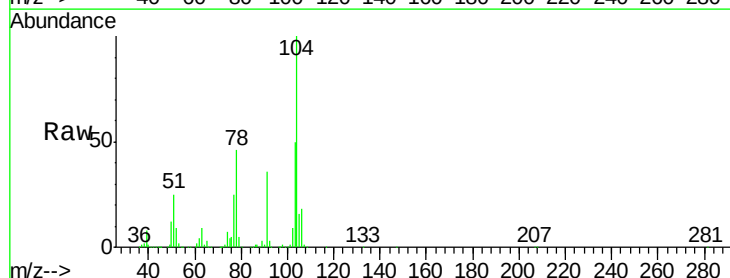
Manual Integrations
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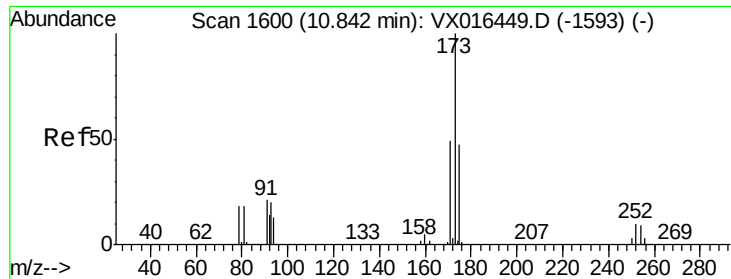
MMDadoda
6/2/2020 11:34:58 AM



#70
Styrene
Concen: 55.129 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.3	40.2	60.2
103	53.7	43.1	64.7





#71

Bromoform

Concen: 54.325 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 155352

Ion Ratio Lower Upper

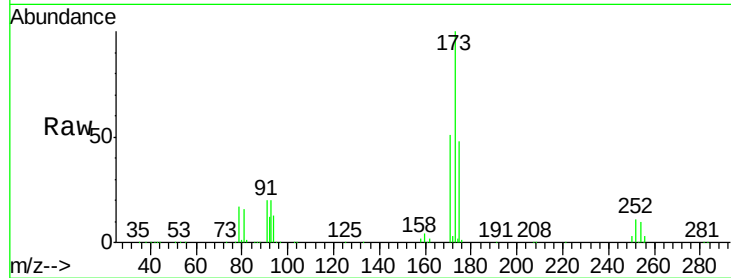
173 100

175 48.4 23.9 71.7

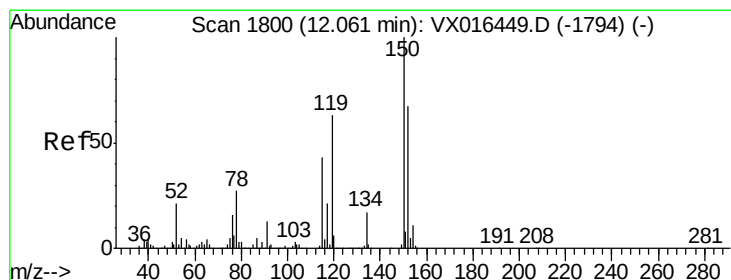
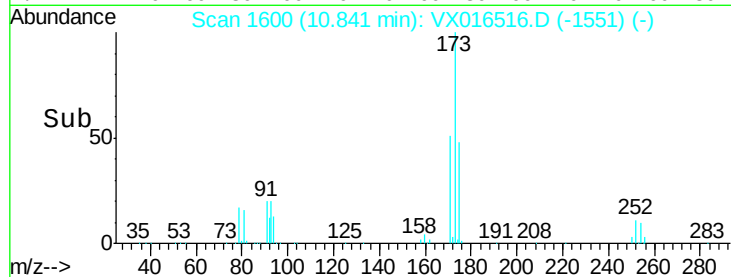
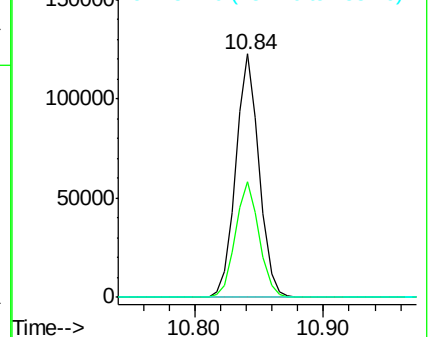
254 0.1 0.1 0.1#

Manual Integrations
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6/2/2020 11:34:58 AM



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

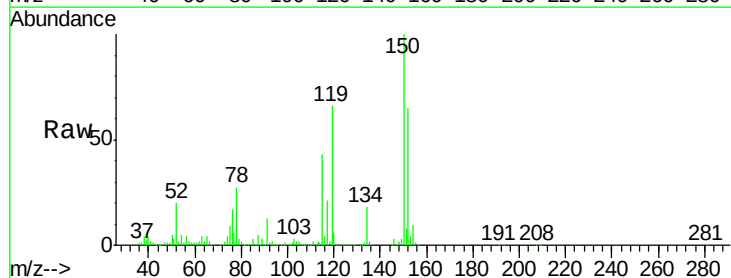
Tgt Ion:152 Resp: 216688

Ion Ratio Lower Upper

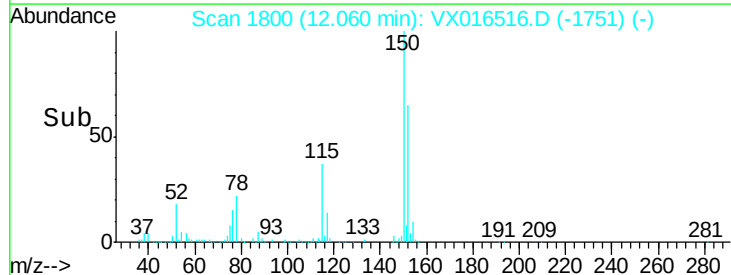
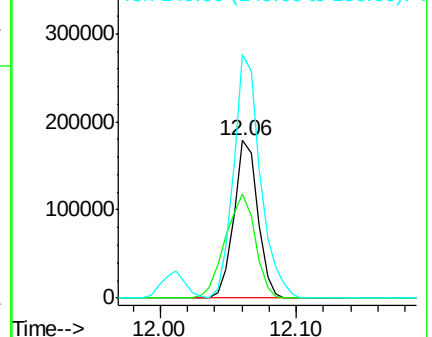
152 100

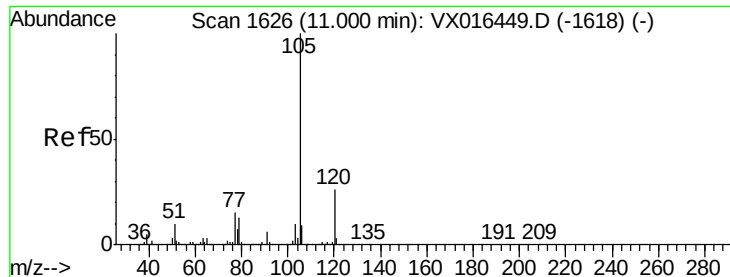
115 83.0 39.9 119.6

150 174.4 0.0 341.0



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: 54.775 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 822388

Ion Ratio Lower Upper

105 100

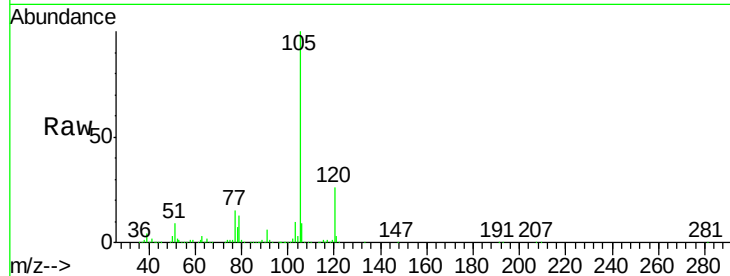
120 26.1 13.1 39.3

Manual Integrations

APPROVED

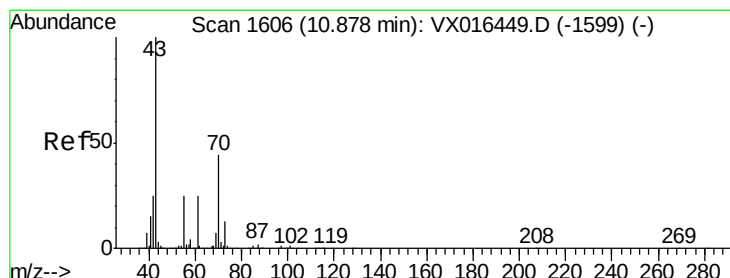
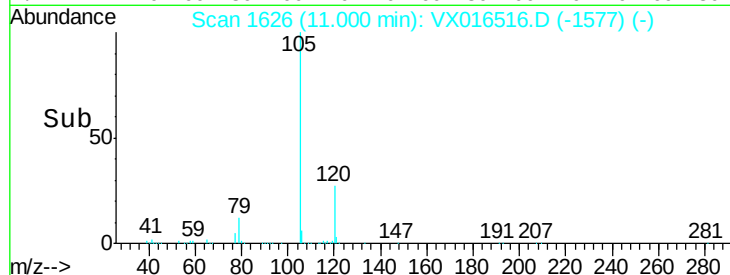
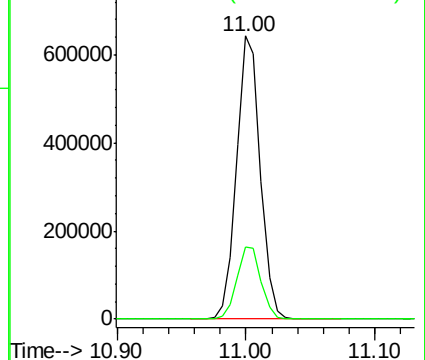
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6/2/2020 11:34:58 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.828 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Tgt Ion: 43 Resp: 357927

Ion Ratio Lower Upper

43 100

70 46.6 36.1 54.1

55 25.7 20.2 30.4

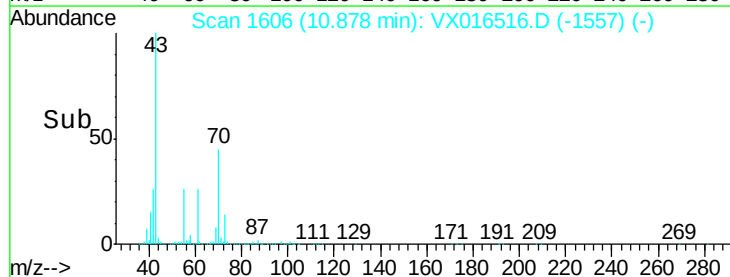
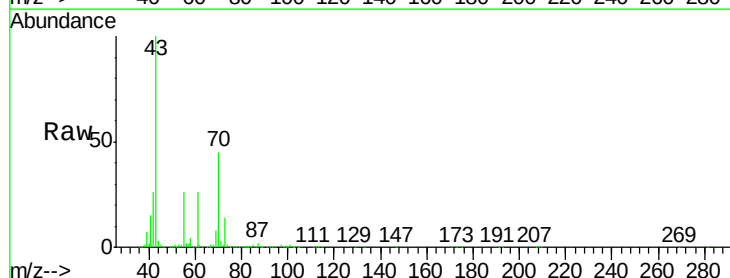
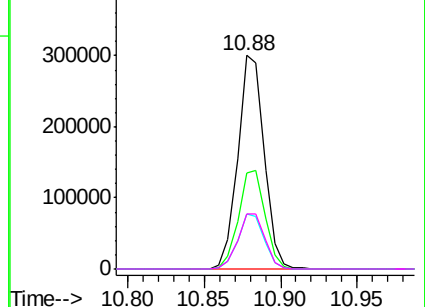
61 26.3 20.3 30.5

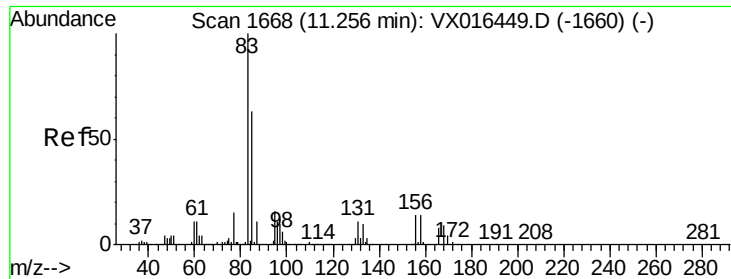
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 47.181 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

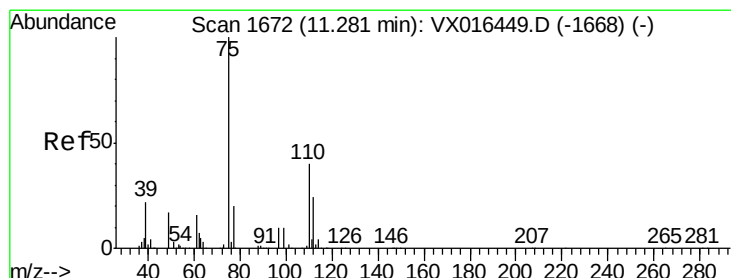
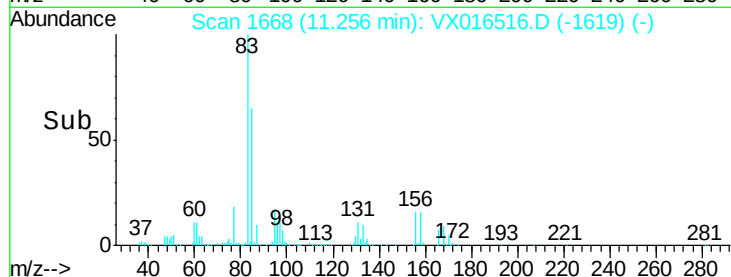
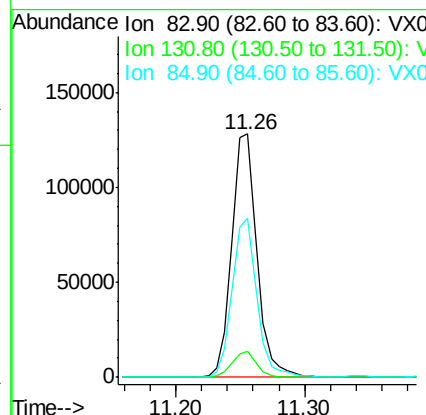
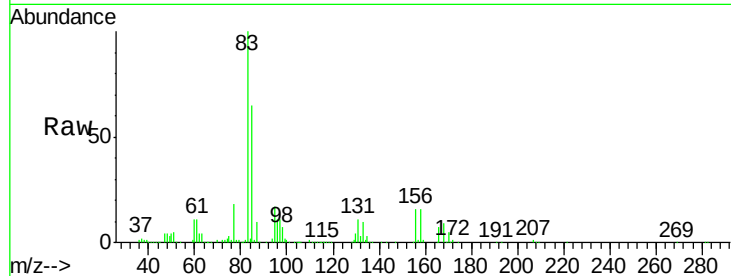
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	177531
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.3
85	64.5	32.0	96.2

Manual Integrations
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MMDadoda
6/2/2020 11:34:58 AM



#76

1,2,3-Trichloropropane

Concen: 52.655 ug/l m

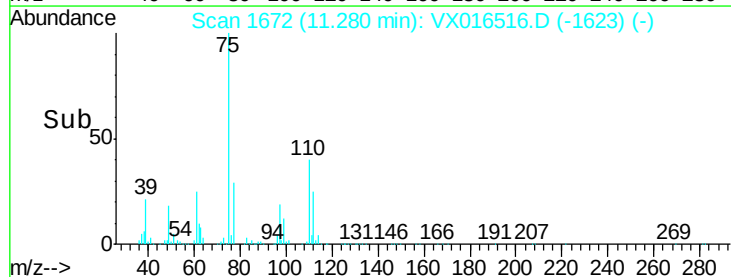
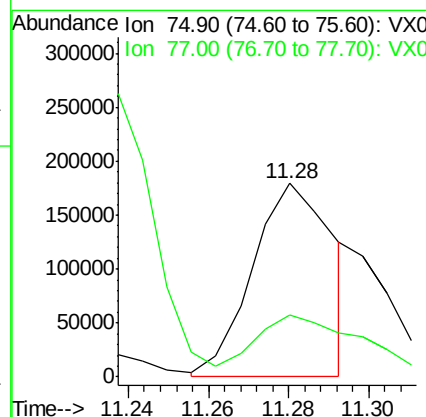
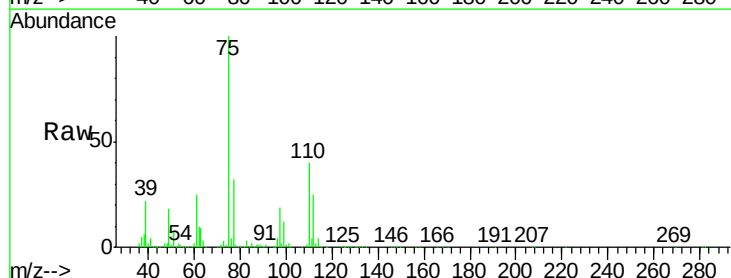
RT: 11.28 min Scan# 1672

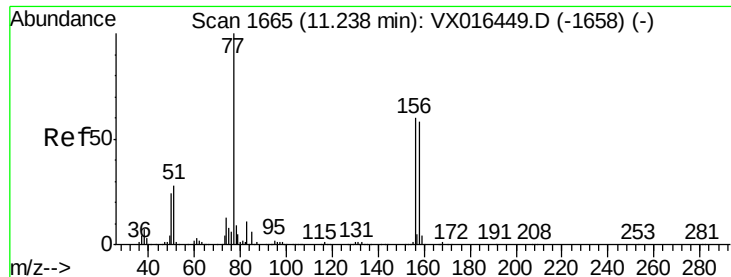
Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Tgt Ion:	75	Resp:	250789
Ion Ratio	Lower	Upper	
75	100		
77	42.8	21.3	63.7





#77

Bromobenzene

Concen: 53.740 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

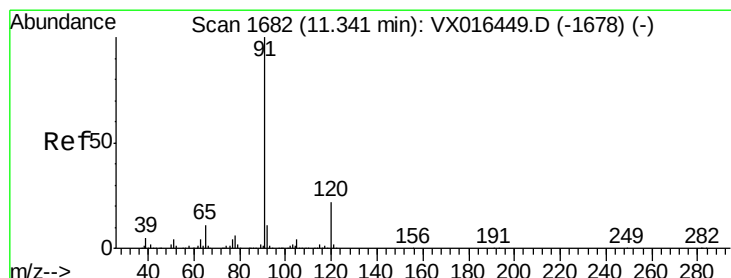
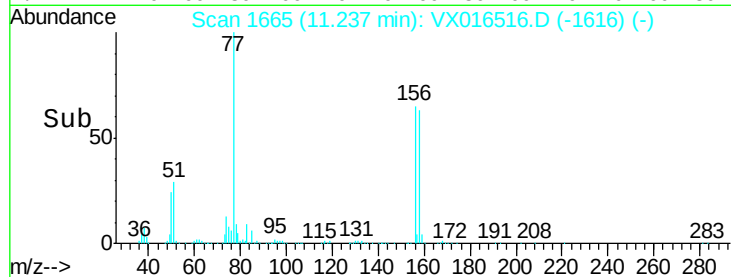
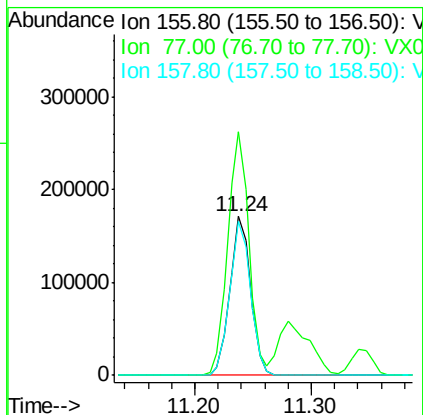
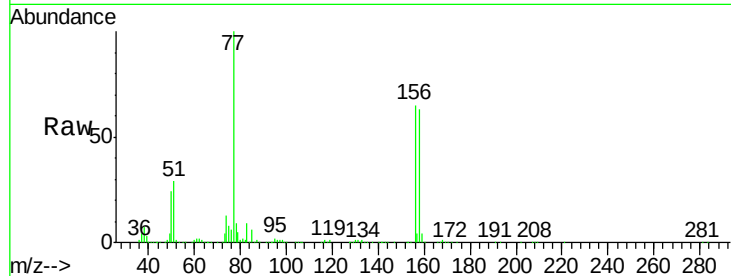
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	156.9	79.6	238.8
158	97.5	48.1	144.4

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#78

n-propylbenzene

Concen: 55.314 ug/l

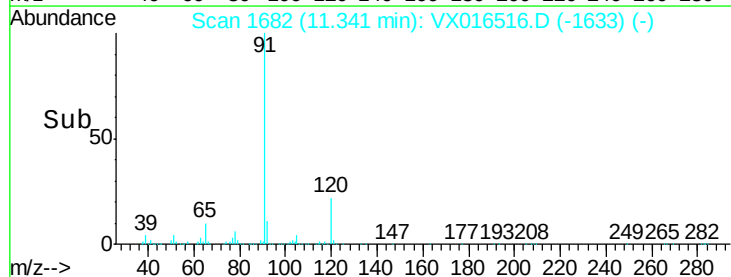
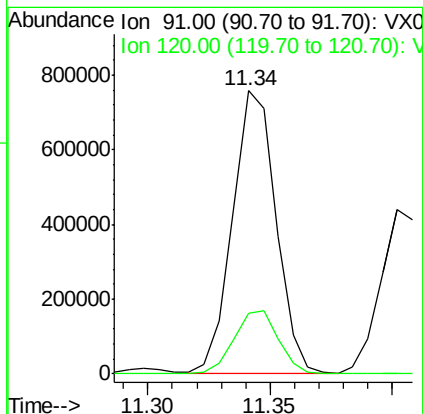
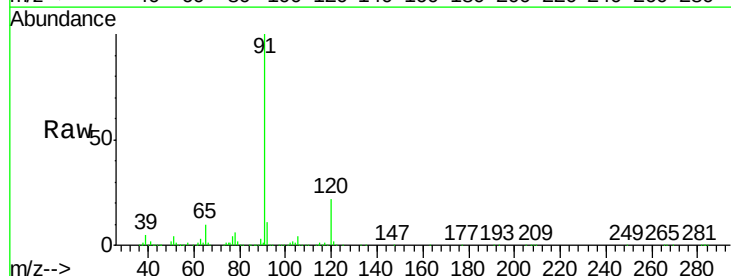
RT: 11.34 min Scan# 1682

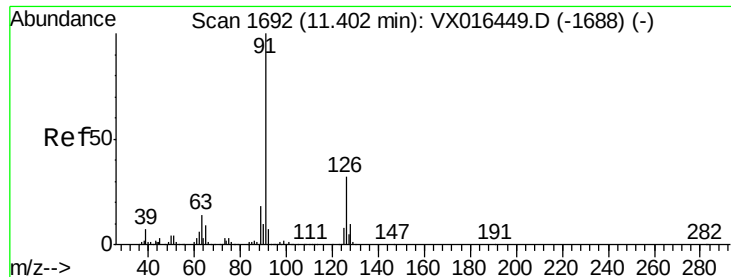
Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.0	11.6	34.7





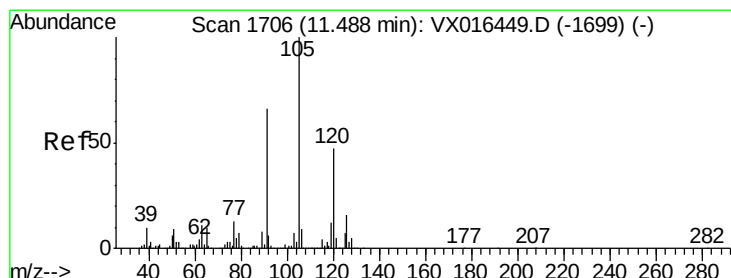
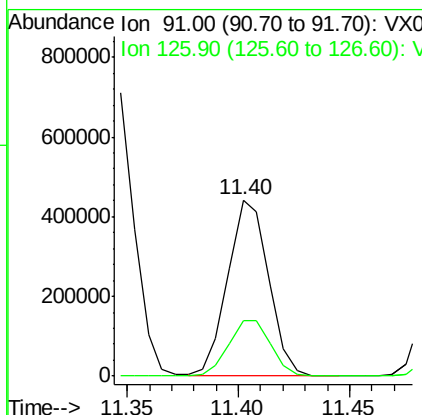
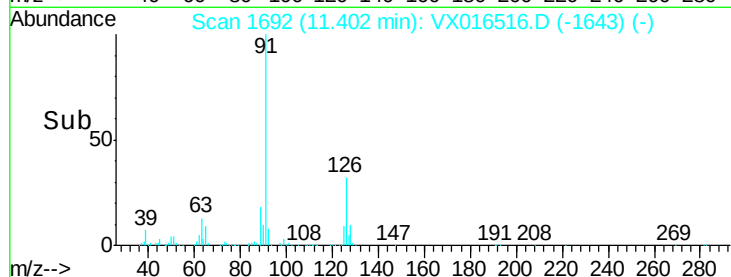
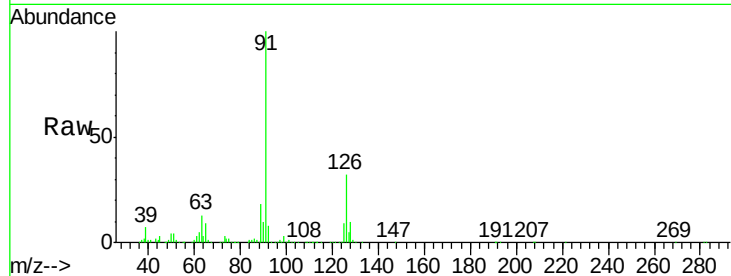
#79
 2-Chlorotoluene
 Concen: 54.848 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 561572
 Ion Ratio Lower Upper
 91 100
 126 33.1 16.8 50.3

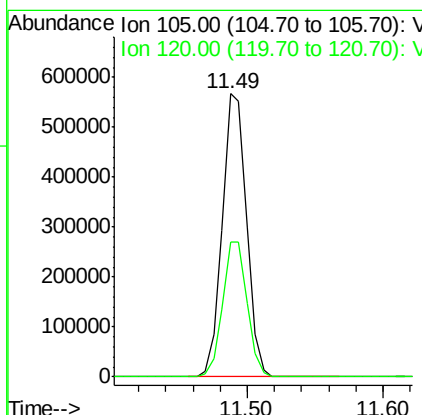
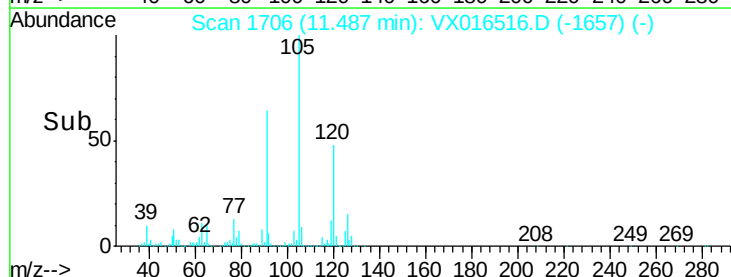
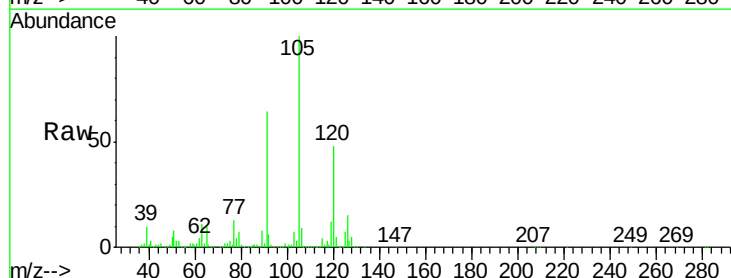
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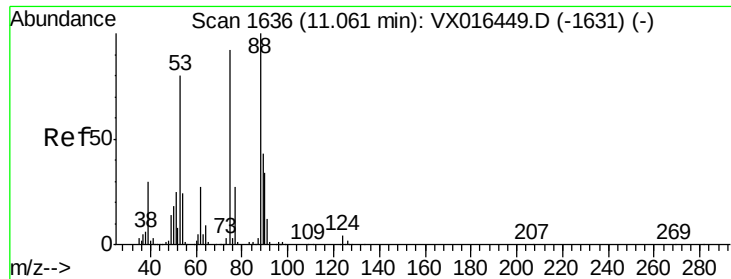
MMDadoda
 6/2/2020 11:34:58 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 55.809 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion: 105 Resp: 699647
 Ion Ratio Lower Upper
 105 100
 120 48.2 24.3 72.8





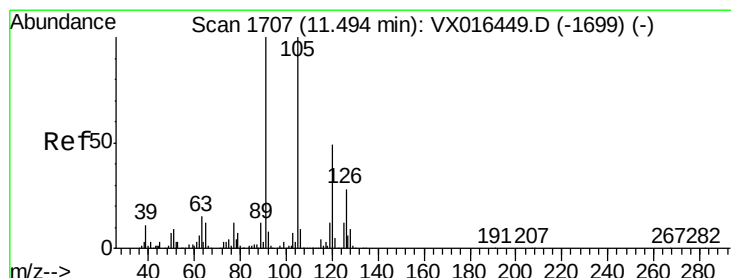
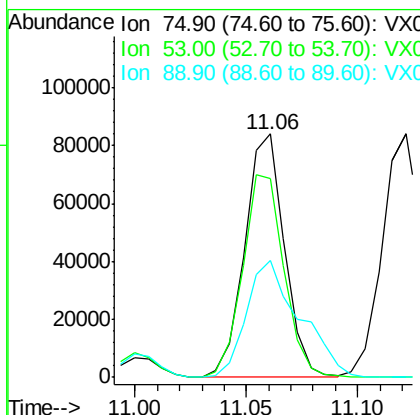
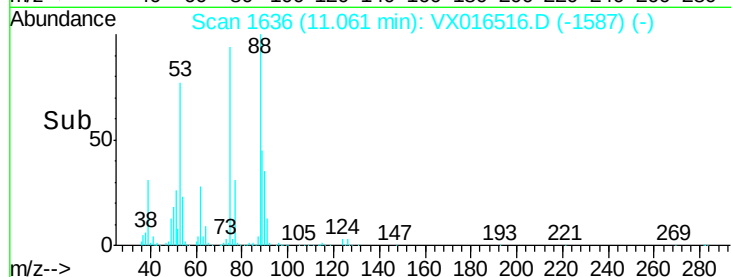
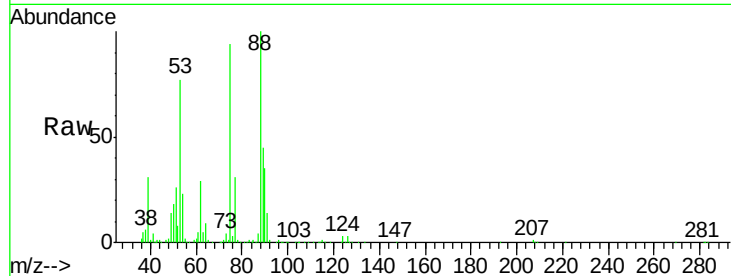
#81
trans-1,4-Dichloro-2-butene
Concen: 53.698 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	86.9	71.3	106.9
89	65.2	36.6	55.0

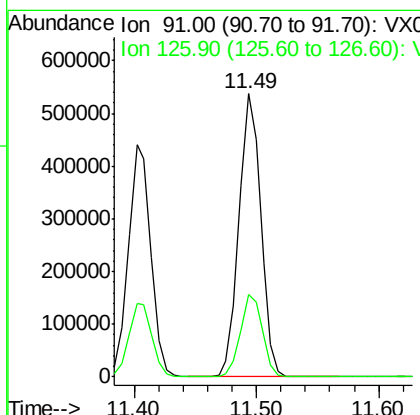
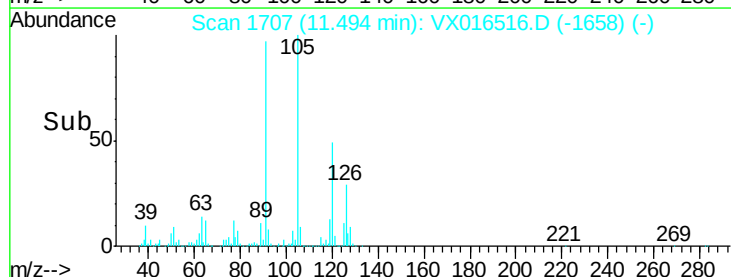
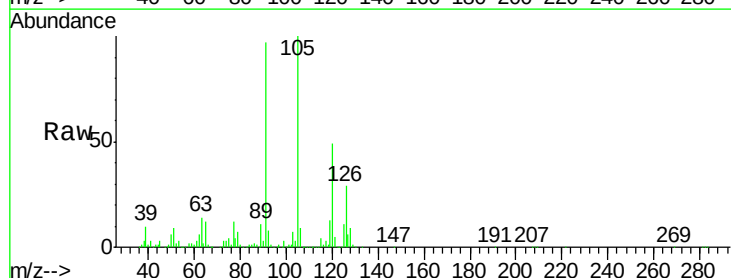
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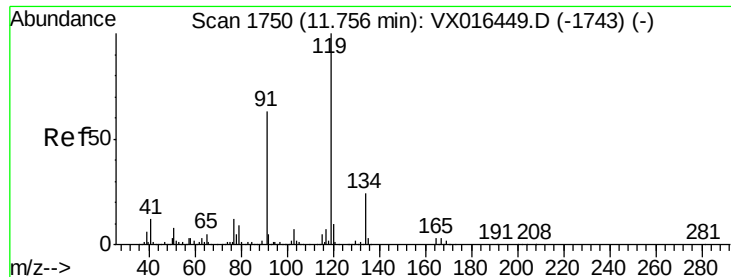
MMDadoda
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#82
4-Chlorotoluene
Concen: 54.780 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	14.7	44.1





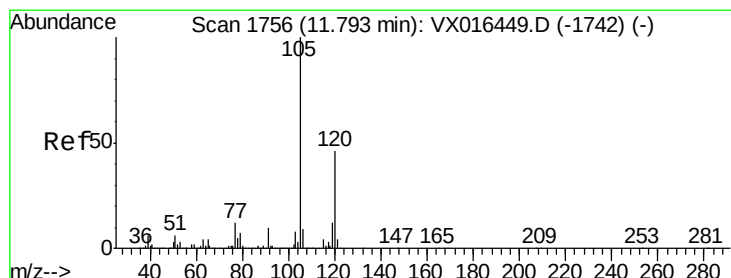
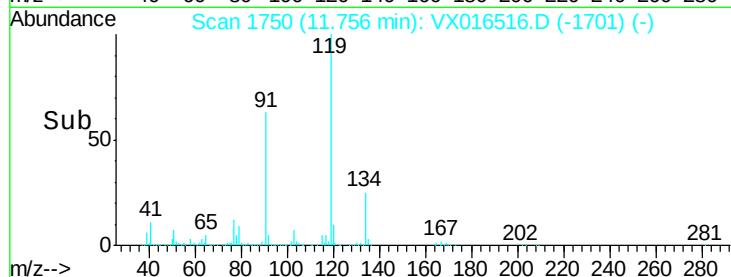
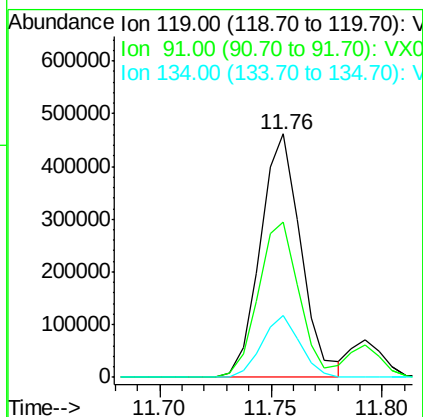
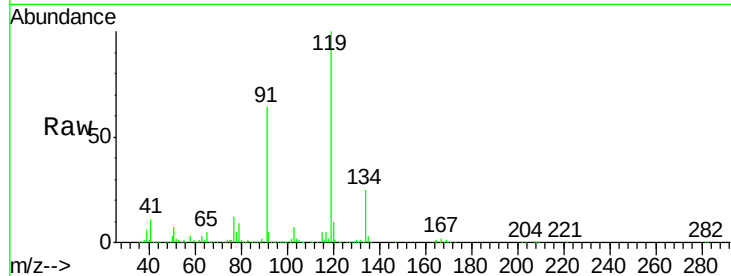
#83
 tert-Butylbenzene
 Concen: 54.688 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	585804		
91	63.4		31.3	93.8
134	24.0		12.0	36.0

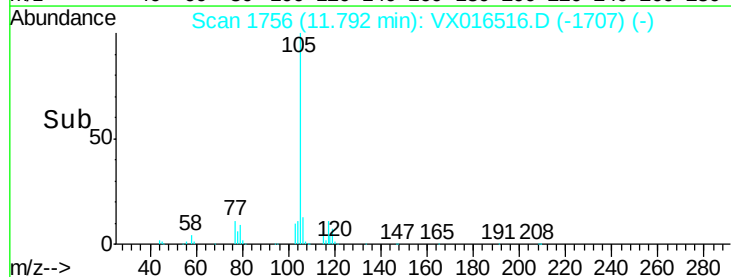
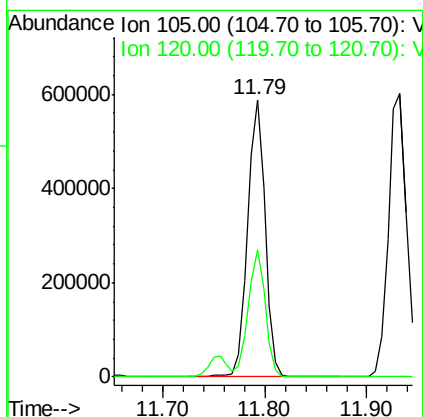
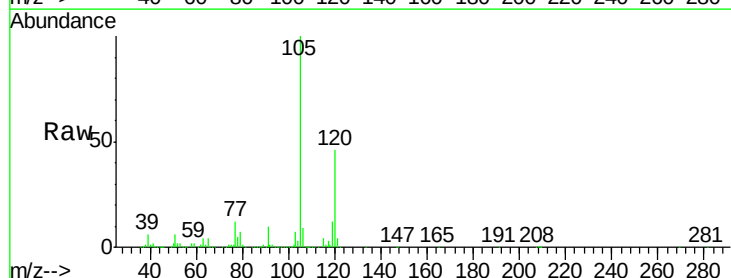
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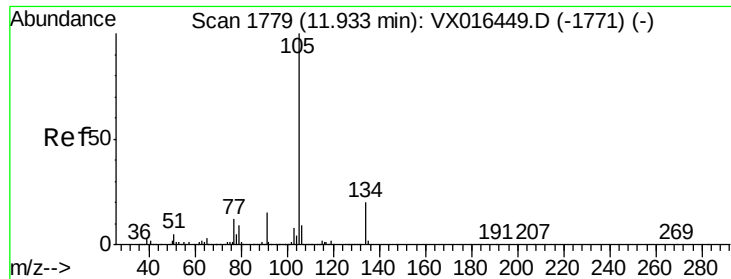
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#84
 1,2,4-Trimethylbenzene
 Concen: 55.299 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	701095		
120	44.8		22.6	67.7





#85

sec-Butylbenzene

Concen: 55.820 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 750078

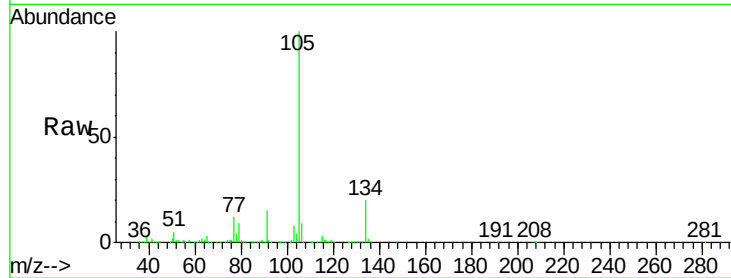
Ion Ratio Lower Upper

105 100

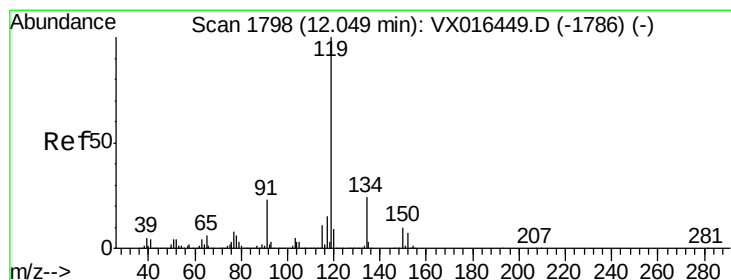
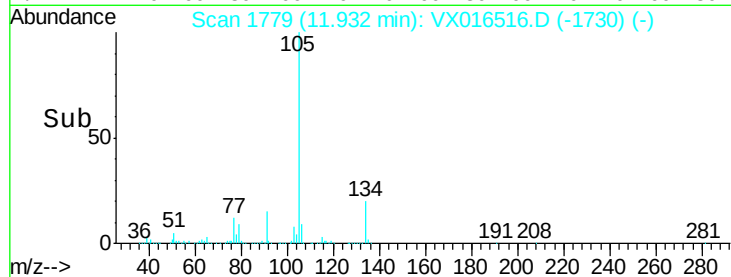
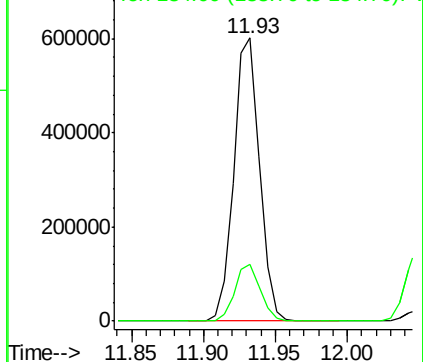
134 20.1 10.1 30.3

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V
Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 56.771 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016516.D

Acq: 01 Jun 2020 09:51

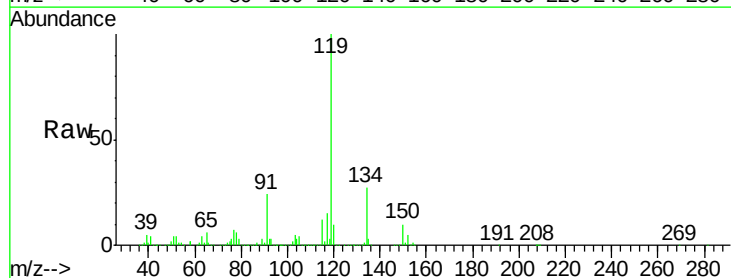
Tgt Ion:119 Resp: 714607

Ion Ratio Lower Upper

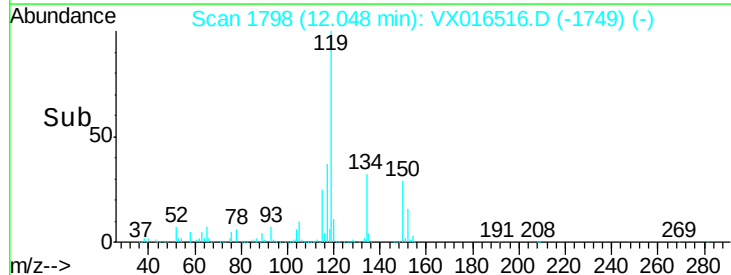
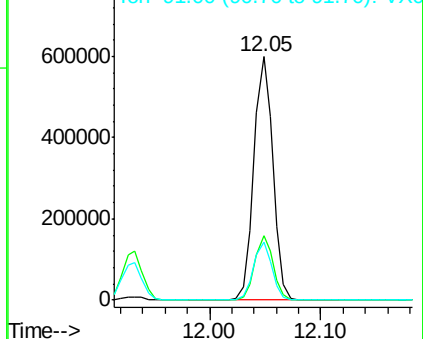
119 100

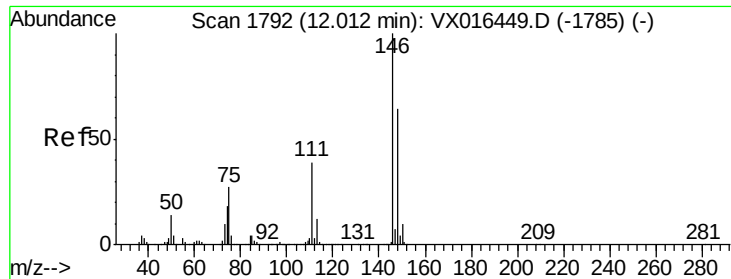
134 25.7 12.7 38.0

91 23.2 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): V





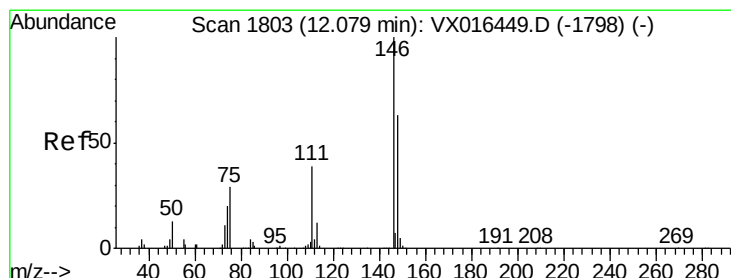
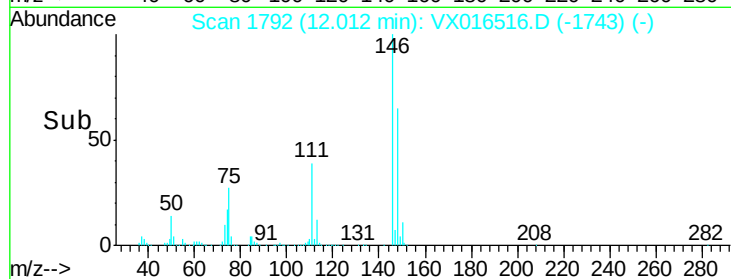
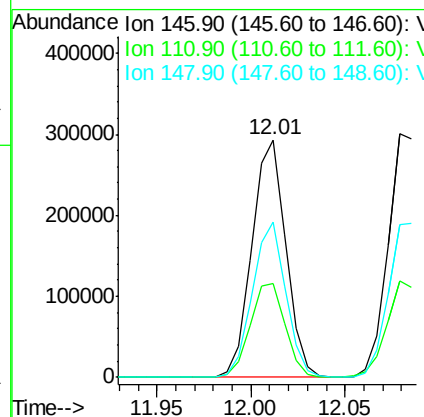
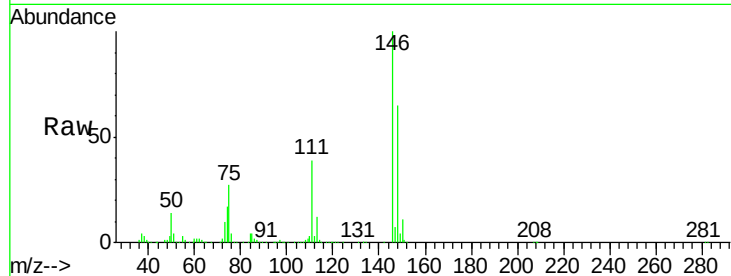
#87
 1,3-Dichlorobenzene
 Concen: 53.626 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	365851		
111	40.8	20.0	60.0	
148	64.5	31.9	95.5	

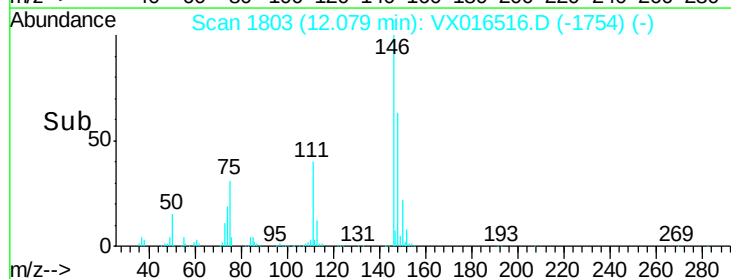
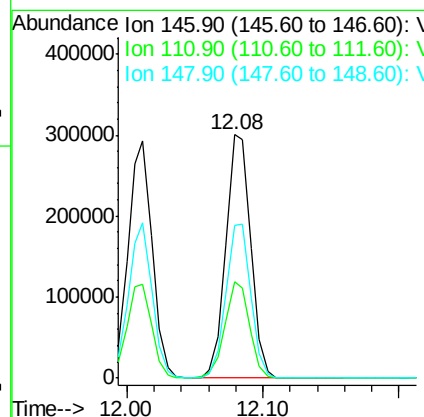
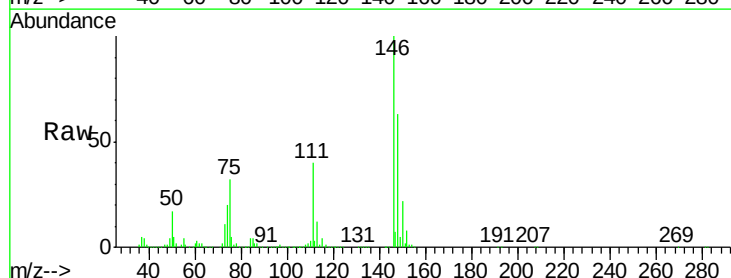
Manual Integrations
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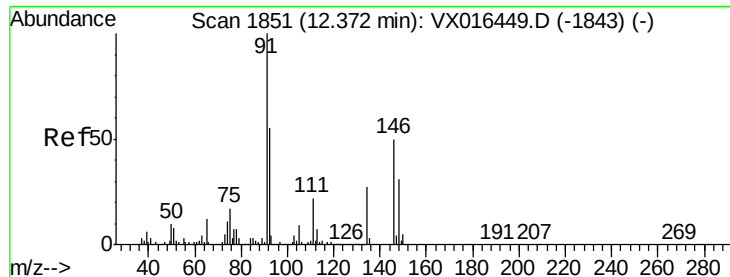
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#88
 1,4-Dichlorobenzene
 Concen: 54.383 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	379456		
111	39.3	19.4	58.2	
148	63.7	31.4	94.3	





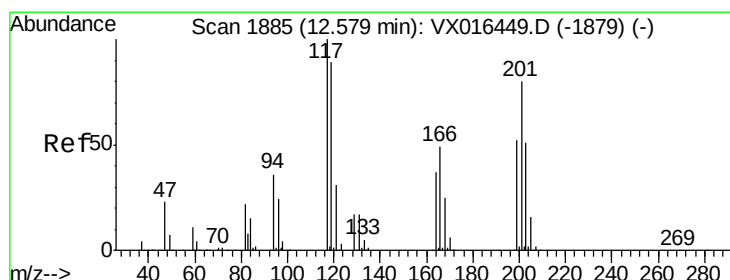
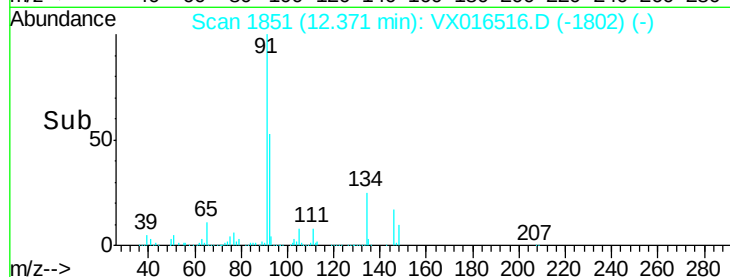
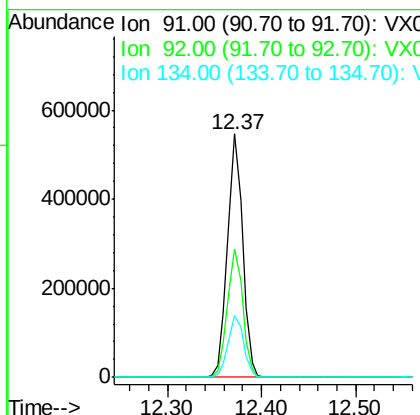
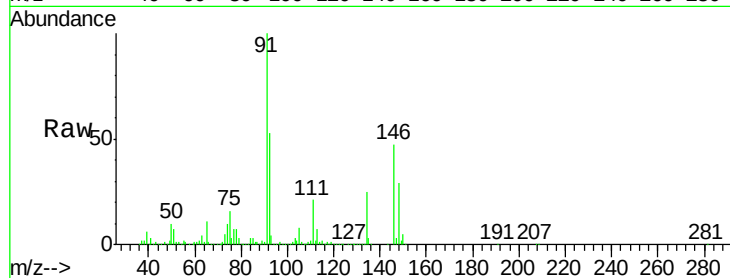
#89
n-Butylbenzene
Concen: 58.758 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.5	27.2	81.5
134	26.0	13.1	39.3

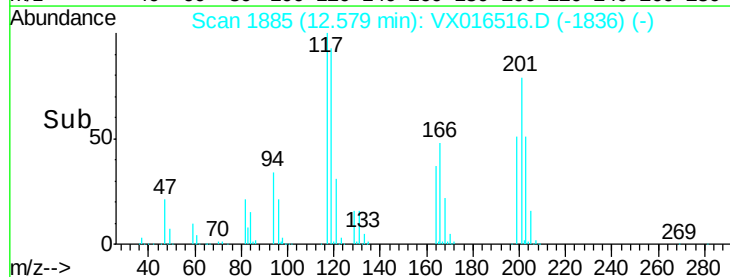
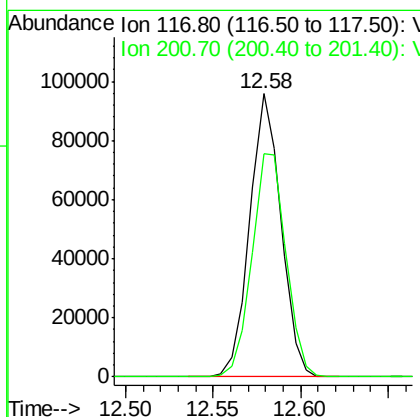
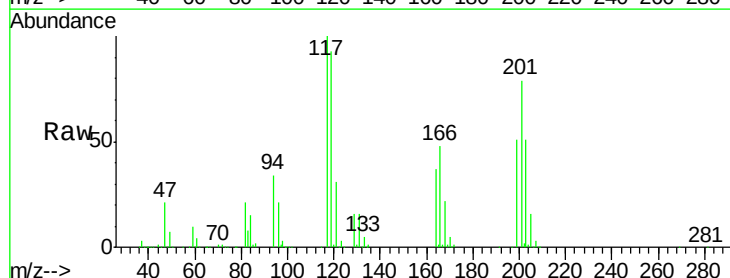
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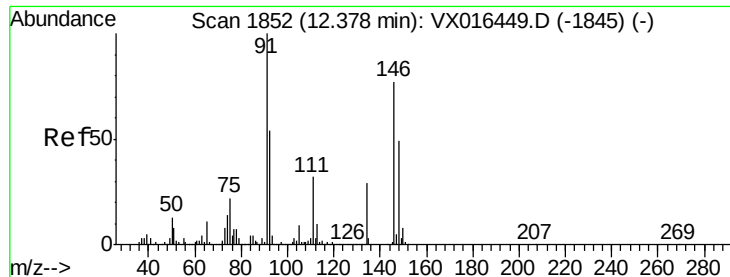
MMDadoda
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#90
Hexachloroethane
Concen: 54.794 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.6	43.1	129.3





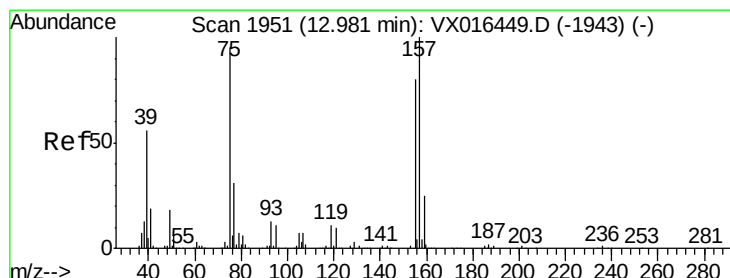
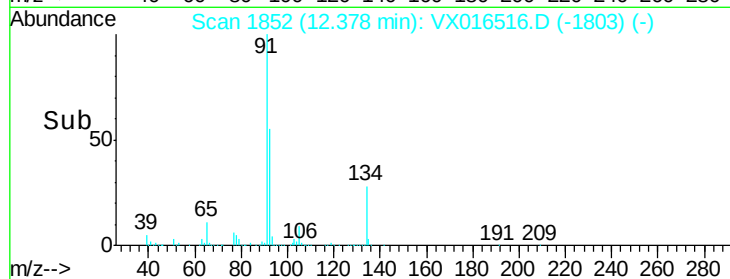
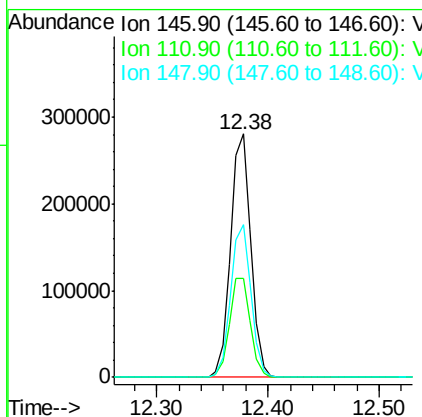
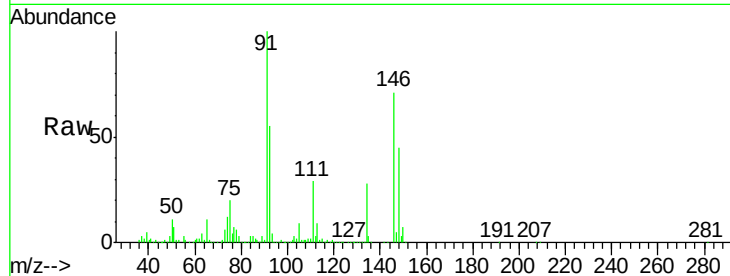
#91
 1,2-Dichlorobenzene
 Concen: 53.158 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	351359		
111	42.0	21.4	64.3	
148	63.0	31.9	95.7	

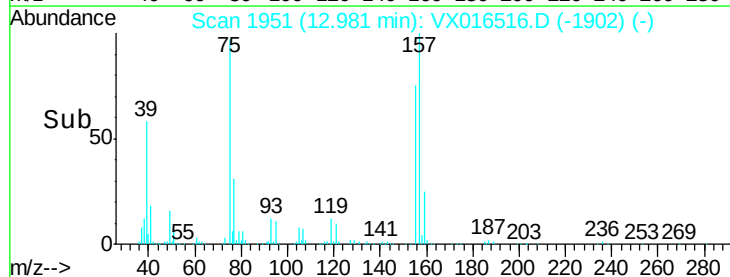
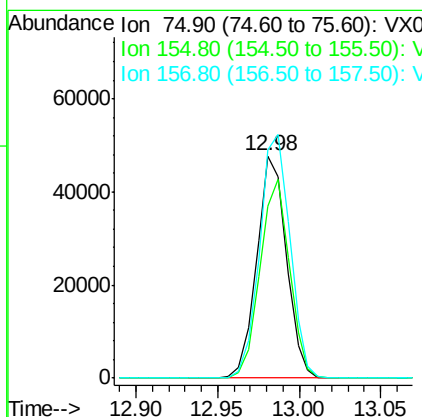
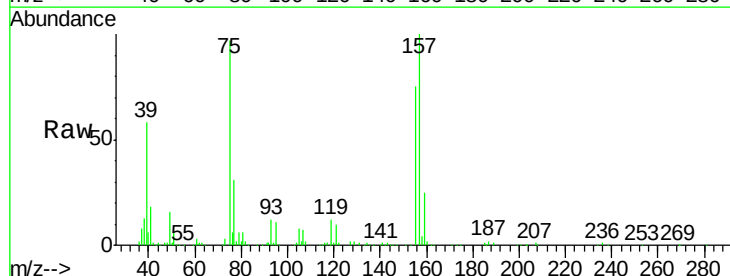
Manual Integrations
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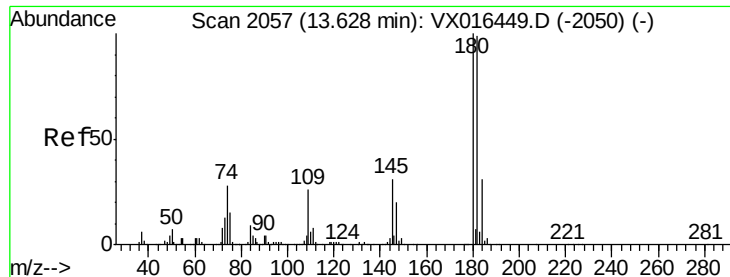
MMDadoda
 6/2/2020 11:34:58 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.702 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	60577		
155	88.7	44.1	132.4	
157	112.3	57.8	173.3	





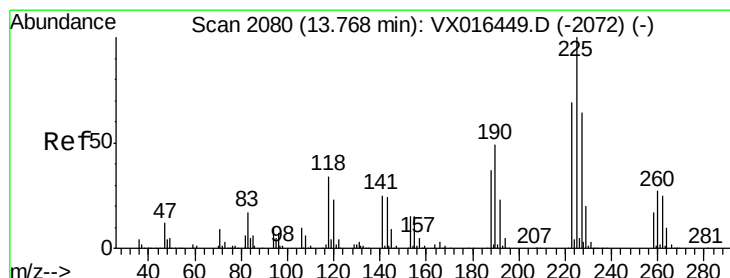
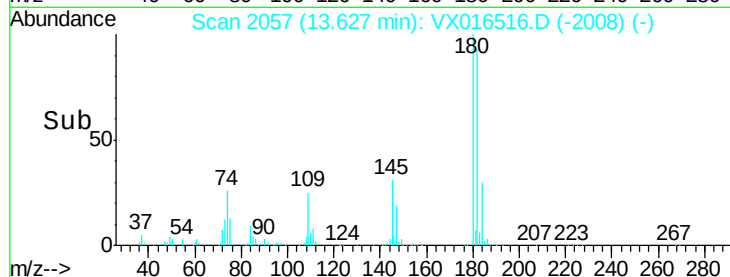
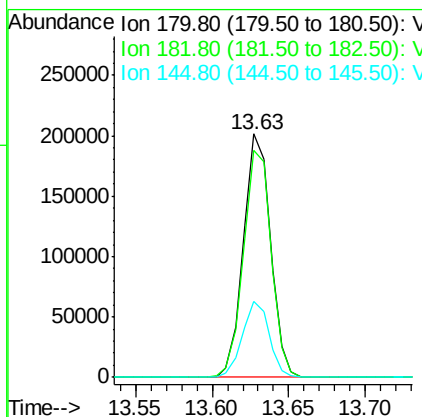
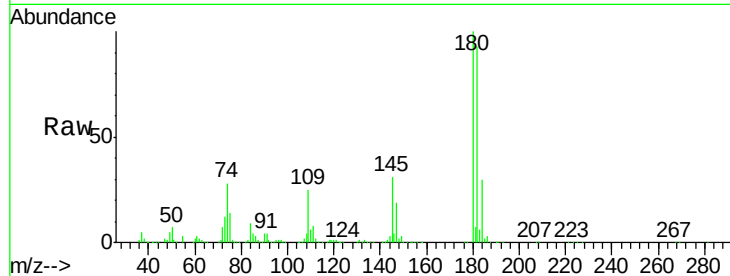
#93
 1,2,4-Trichlorobenzene
 Concen: 56.524 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	248126		
182	95.2	48.3	144.8	
145	30.8	15.4	46.2	

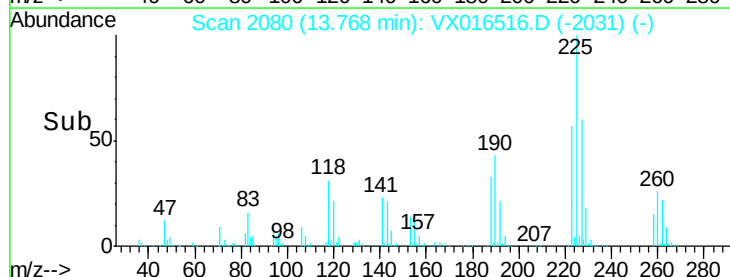
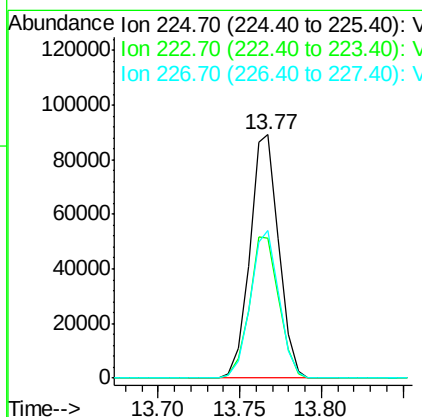
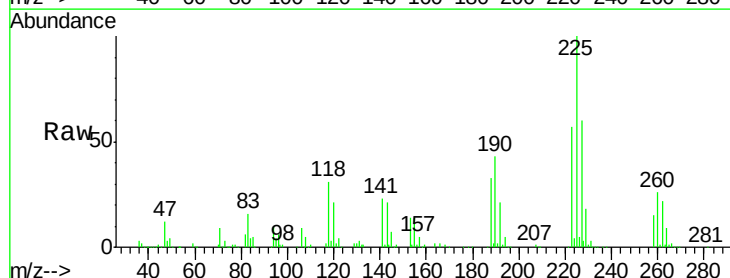
Manual Integrations
 APPROVED

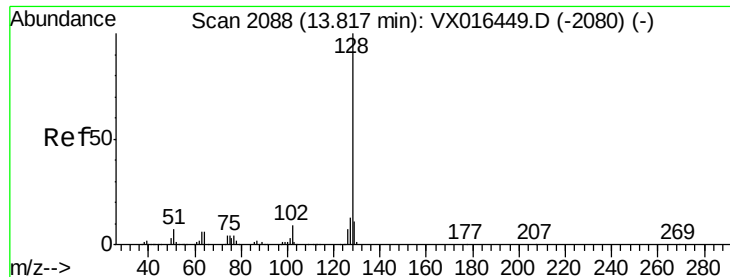
MMDadoda
 6/2/2020 11:34:58 AM



#94
 Hexachlorobutadiene
 Concen: 63.639 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. -0.00 min
 Lab File: VX016516.D
 Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	109684		
223	59.4	32.3	96.8	
227	60.2	31.6	94.7	





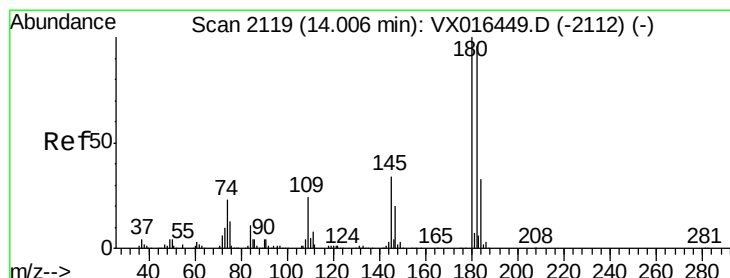
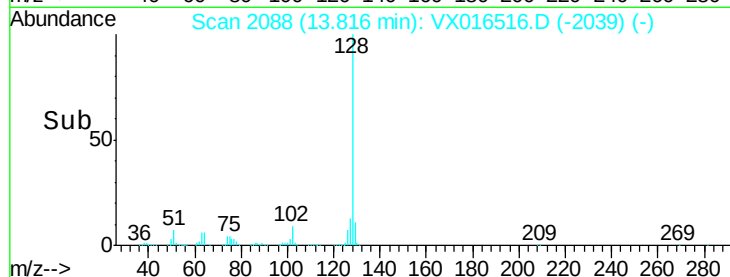
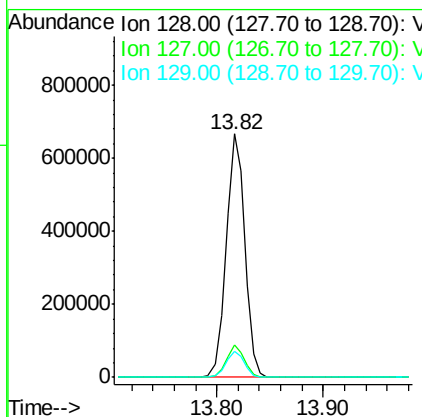
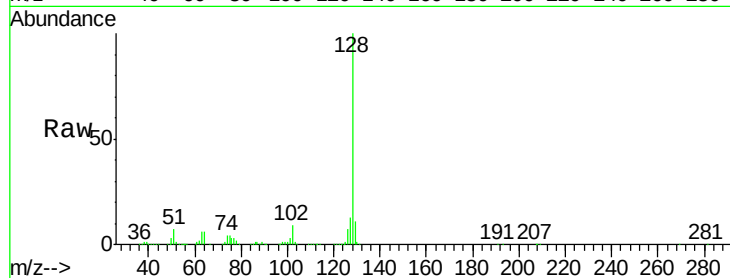
#95
Naphthalene
Concen: 54.139 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	10.7	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
6/2/2020 11:34:58 AM



#96
1,2,3-Trichlorobenzene
Concen: 56.380 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX016516.D
Acq: 01 Jun 2020 09:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	48.6	145.8
145	31.8	16.6	49.8

