

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010721\
 Data File : VX020524.D
 Acq On : 06 Jan 2021 17:29
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV402

Quant Time: Jan 06 17:53:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM010721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 17:45:17 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	349178	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	346976	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	170275	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	148332	52.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.74%
7) Chloroethane-d5	1.68	69	119026	54.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.58%
11) 1,1-Dichloroethene-d2	2.34	63	274641	52.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.84%
21) 2-Butanone-d5	4.53	46	184045	107.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.07%
24) Chloroform-d	5.14	84	262403	54.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.72%
26) 1,2-Dichloroethane-d4	6.03	65	168561	52.73	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.46%
32) Benzene-d6	6.04	84	552580	52.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.90%
36) 1,2-Dichloropropane-d6	7.37	67	170493	52.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.66%
41) Toluene-d8	8.70	98	500335	52.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.76%
43) trans-1,3-Dichloropropene-	8.99	79	83223	53.01	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	106.02%
47) 2-Hexanone-d5	9.43	63	152889	107.25	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.25%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	225360	50.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.54%
66) 1,2-Dichlorobenzene-d4	12.36	152	178445	53.46	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.92%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	165585	48.712	ug/L 100
3) Chloromethane	1.31	50	145634	47.602	ug/L 99
5) Vinyl chloride	1.39	62	157234	48.378	ug/L 98
6) Bromomethane	1.62	94	80535	48.987	ug/L 99
8) Chloroethane	1.71	64	93900	48.236	ug/L 100
9) Trichlorofluoromethane	1.92	101	201667	49.273	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	124010	48.729	ug/L 98
12) 1,1-Dichloroethene	2.36	96	119369	47.983	ug/L 96
13) Acetone	2.42	43	134171	95.233	ug/L 99
14) Carbon disulfide	2.55	76	382296	47.886	ug/L 99
15) Methyl Acetate	2.75	43	134930	48.099	ug/L 100
16) Methylene chloride	2.83	84	143364	48.199	ug/L 100
17) trans-1,2-Dichloroethene	3.14	96	129813	48.477	ug/L 95
18) Methyl tert-butyl Ether	3.17	73	405121	50.060	ug/L 99
19) 1,1-Dichloroethane	3.67	63	237490	49.026	ug/L 99
20) cis-1,2-Dichloroethene	4.56	96	143640	49.050	ug/L 94
22) 2-Butanone	4.63	43	200352	96.217	ug/L 99

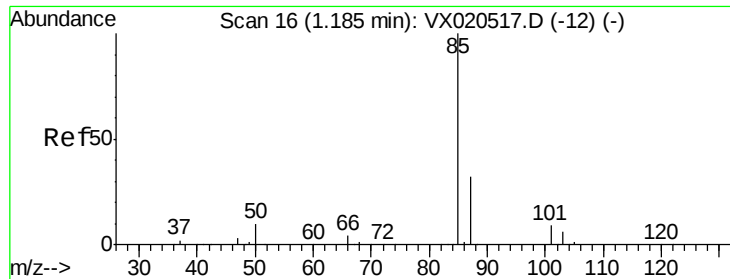
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX010721\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	73570	48.586	ug/L	97
25) Chloroform	5.17	83	260169	49.200	ug/L	97
27) 1,2-Dichloroethane	6.16	62	190120	48.761	ug/L	99
29) Cyclohexane	5.54	56	210685	49.248	ug/L	100
30) 1,1,1-Trichloroethane	5.46	97	215044	48.493	ug/L	99
31) Carbon tetrachloride	5.75	117	181170	48.316	ug/L	98
33) Benzene	6.11	78	554688	48.369	ug/L	100
34) Trichloroethene	7.18	95	139033	47.604	ug/L	99
35) Methylcyclohexane	7.44	83	217623	49.567	ug/L	100
37) 1,2-Dichloropropane	7.49	63	139798	48.055	ug/L	99
38) Bromodichloromethane	7.87	83	179164	47.962	ug/L	99
39) cis-1,3-Dichloropropene	8.41	75	211261	48.290	ug/L	98
40) 4-Methyl-2-pentanone	8.62	43	373832	97.810	ug/L	100
42) Toluene	8.76	91	581699	48.417	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	209857	49.136	ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	137528	47.767	ug/L	99
46) Tetrachloroethene	9.32	164	105406	46.561	ug/L	97
48) 2-Hexanone	9.47	43	292481	96.841	ug/L	99
49) Dibromochloromethane	9.56	129	144732	49.028	ug/L	98
50) 1,2-Dibromoethane	9.65	107	143917	48.254	ug/L	99
51) Chlorobenzene	10.12	112	362055	47.598	ug/L	98
52) Ethylbenzene	10.23	91	616141	47.962	ug/L	99
53) m,p-Xylene	10.34	106	235368	49.038	ug/L	99
54) o-Xylene	10.68	106	227335	48.807	ug/L	95
55) Styrene	10.70	104	390790	49.558	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.25	83	209256	45.801	ug/L	98
59) Bromoform	10.84	173	102826	48.345	ug/L	100
60) Isopropylbenzene	11.00	105	596205	49.659	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	174177	46.892	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	497972	50.857	ug/L	98
63) 1,2,4-Trimethylbenzene	11.79	105	506354	51.232	ug/L	98
64) 1,3-Dichlorobenzene	12.01	146	267932	47.836	ug/L	96
65) 1,4-Dichlorobenzene	12.08	146	268727	47.485	ug/L	98
67) 1,2-Dichlorobenzene	12.37	146	278986	49.958	ug/L	98
68) 1,2-Dibromo-3-chloropropan	12.98	75	45493	48.422	ug/L	88
69) 1,3,5-Trichlorobenzene	13.15	180	195679	50.890	ug/L	100
70) 1,2,4-trichlorobenzene	13.63	180	165734	50.060	ug/L	97
71) Naphthalene	13.82	128	579154	52.954	ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	169831	49.862	ug/L	97

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



#2

Dichlorodifluoromethane

Concen: 48.712 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

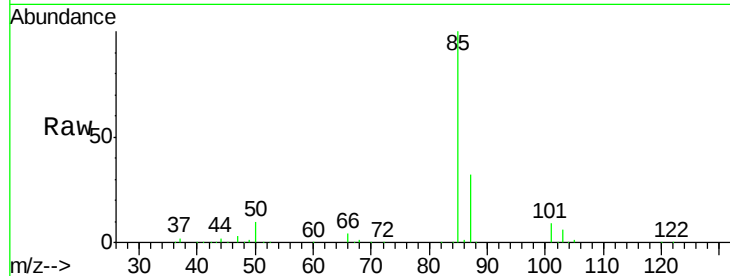
VICV402

Tgt Ion: 85 Resp: 165585

Ion Ratio Lower Upper

85 100

87 32.4 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

1.18

200000

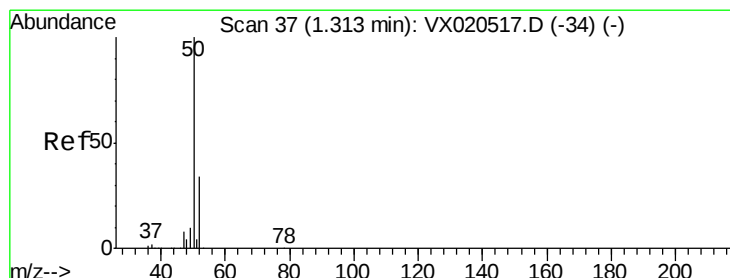
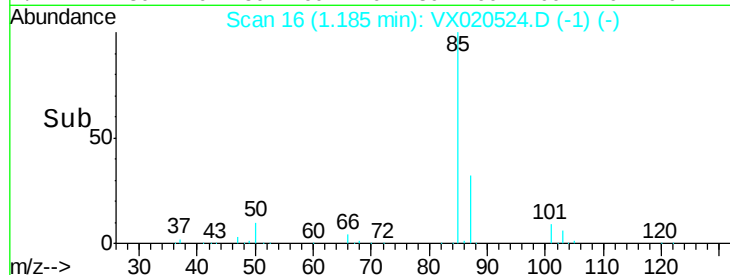
150000

100000

50000

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Time-->



#3

Chloromethane

Concen: 47.602 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX020524.D

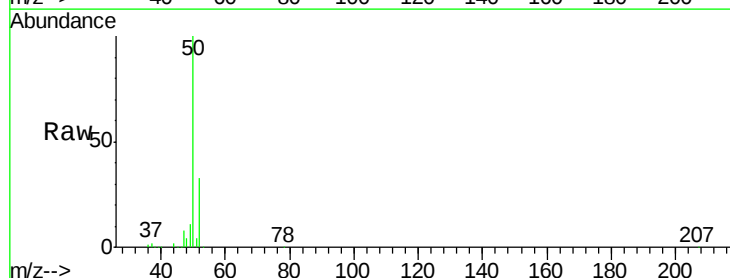
Acq: 06 Jan 2021 17:29

Tgt Ion: 50 Resp: 145634

Ion Ratio Lower Upper

50 100

52 33.2 23.7 43.9



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

1.31

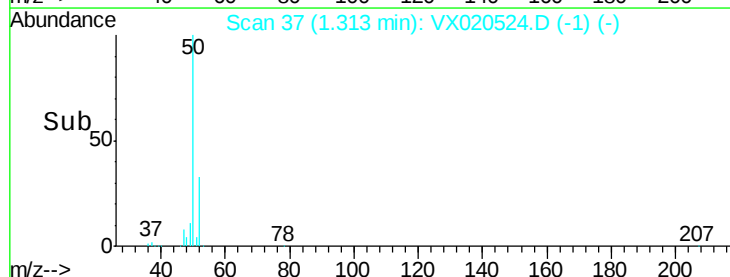
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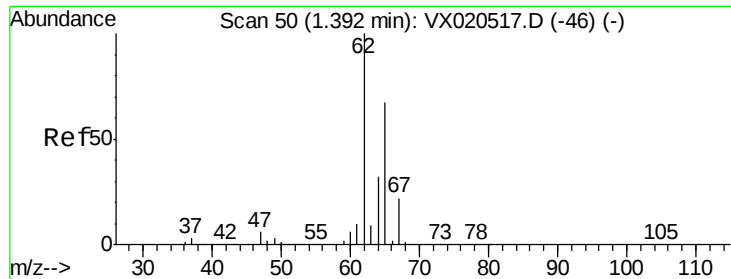
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 48.378 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

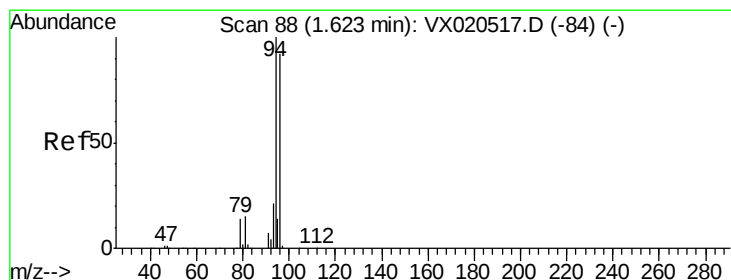
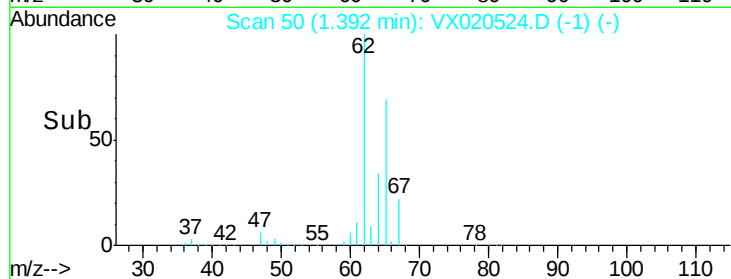
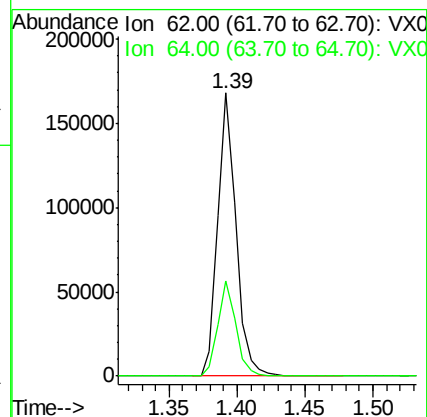
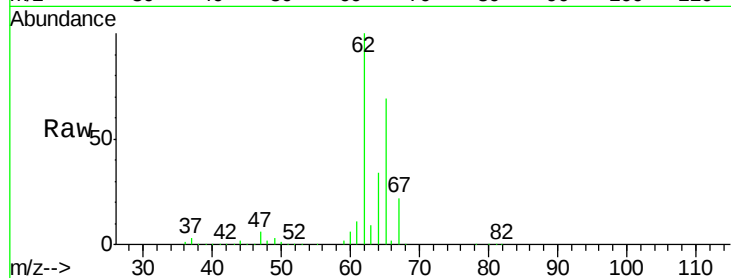
VICV402

Tgt Ion: 62 Resp: 157234

Ion Ratio Lower Upper

62 100

64 33.8 22.7 42.3



#6

Bromomethane

Concen: 48.987 ug/L

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX020524.D

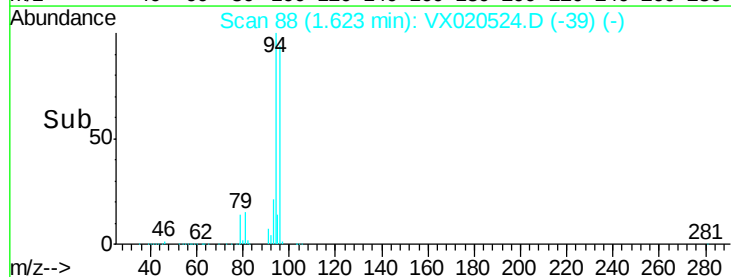
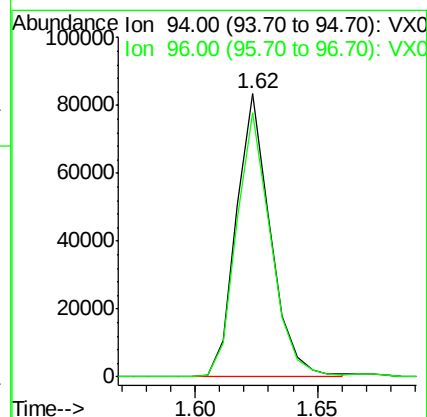
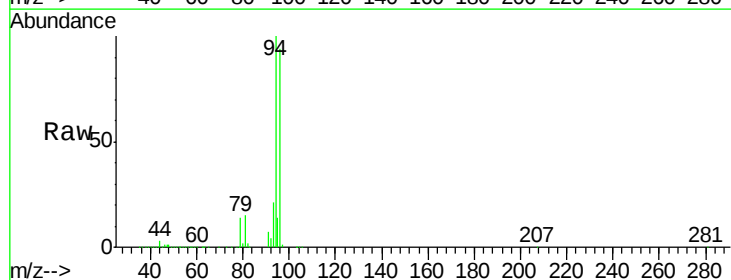
Acq: 06 Jan 2021 17:29

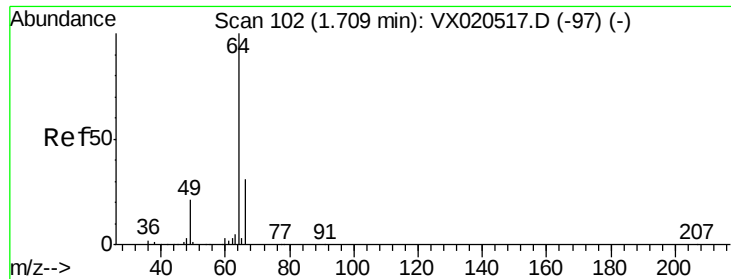
Tgt Ion: 94 Resp: 80535

Ion Ratio Lower Upper

94 100

96 93.6 64.8 120.3





#8

Chloroethane

Concen: 48.236 ug/L

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

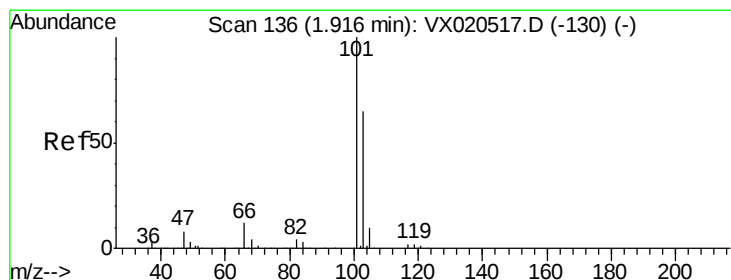
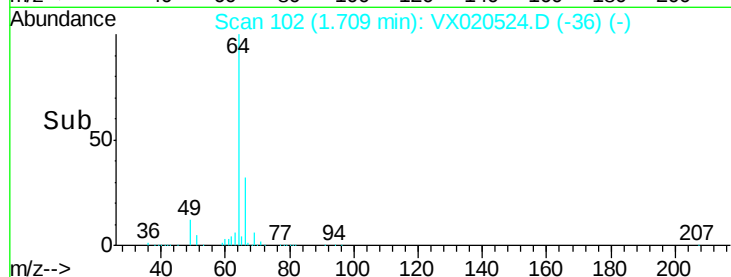
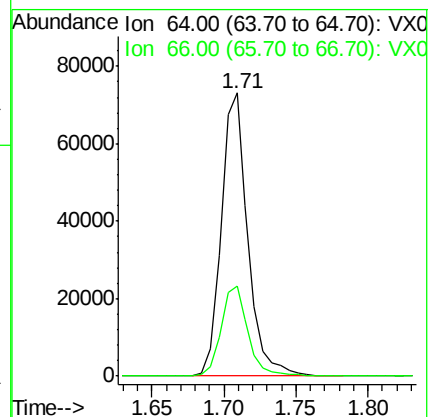
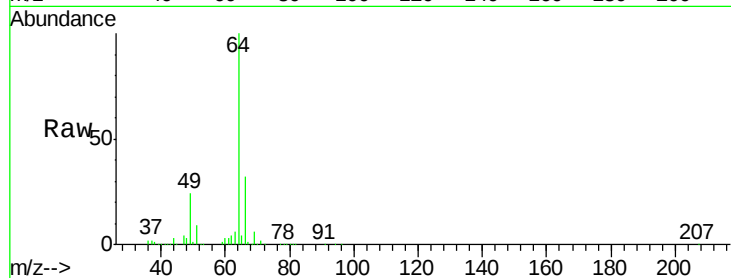
VICV402

Tgt Ion: 64 Resp: 93900

Ion Ratio Lower Upper

64 100

66 31.7 22.0 41.0



#9

Trichlorofluoromethane

Concen: 49.273 ug/L

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX020524.D

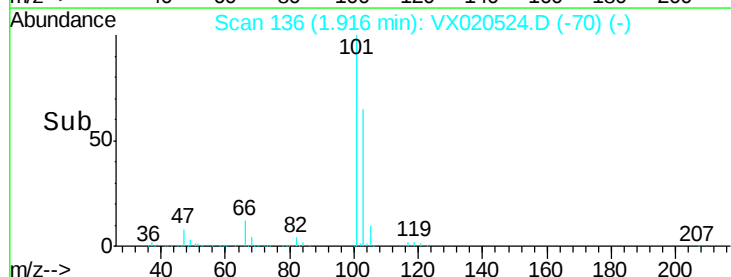
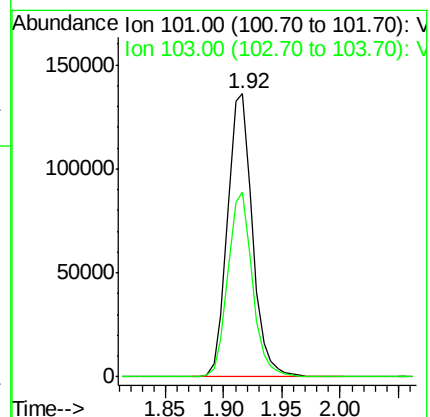
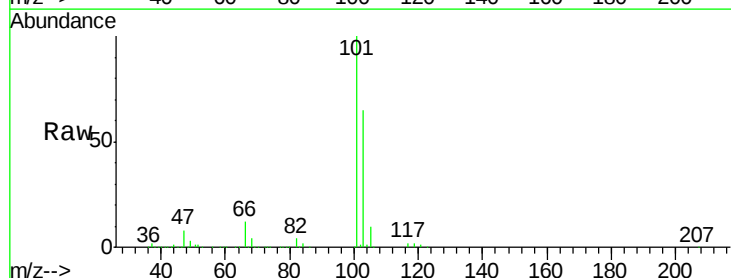
Acq: 06 Jan 2021 17:29

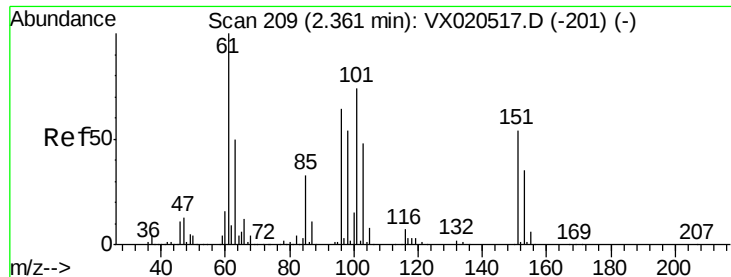
Tgt Ion: 101 Resp: 201667

Ion Ratio Lower Upper

101 100

103 64.4 52.2 78.2





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 48.729 ug/L

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

VICV402

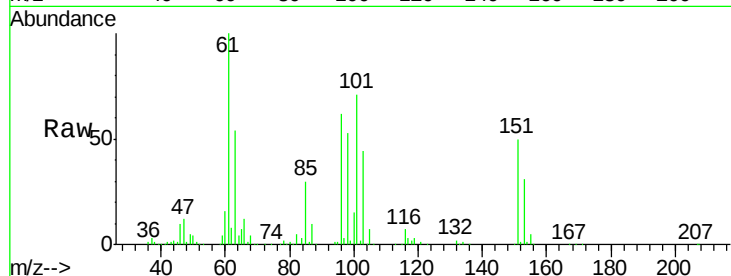
Tgt Ion: 101 Resp: 124010

Ion Ratio Lower Upper

101 100

85 42.7 34.3 51.5

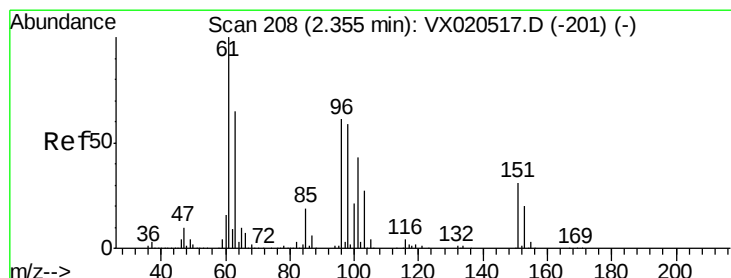
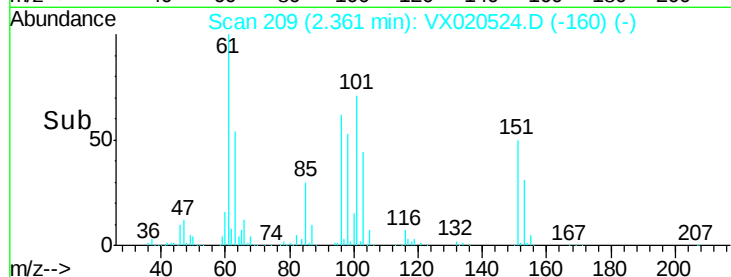
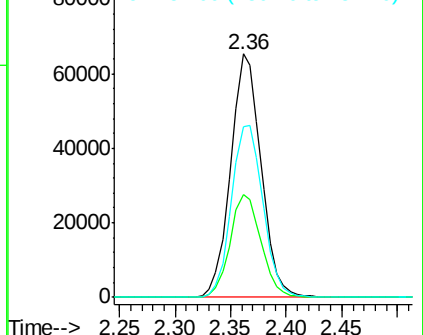
151 73.2 60.7 91.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 47.983 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

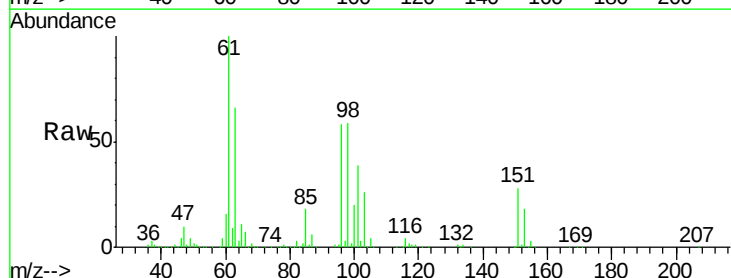
Tgt Ion: 96 Resp: 119369

Ion Ratio Lower Upper

96 100

61 171.4 115.5 214.5

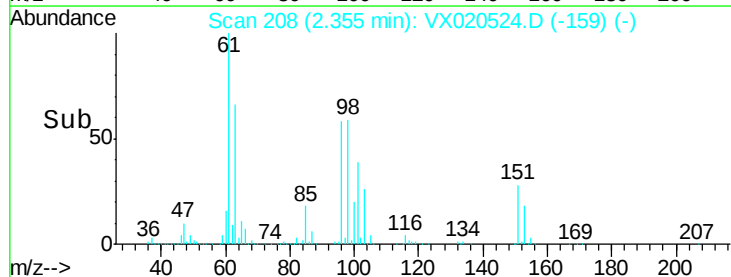
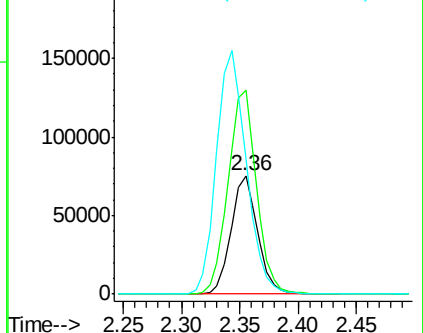
63 113.9 77.3 143.7

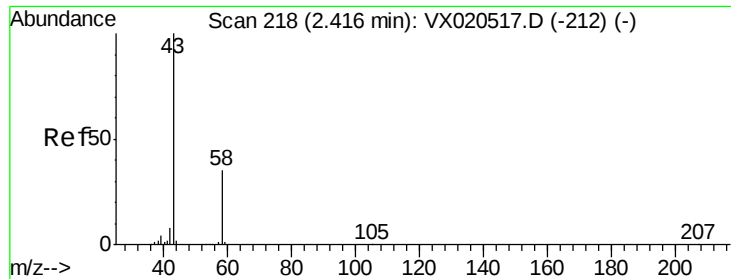


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 95.233 ug/L

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

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MSVOA_X

ClientSampleId :

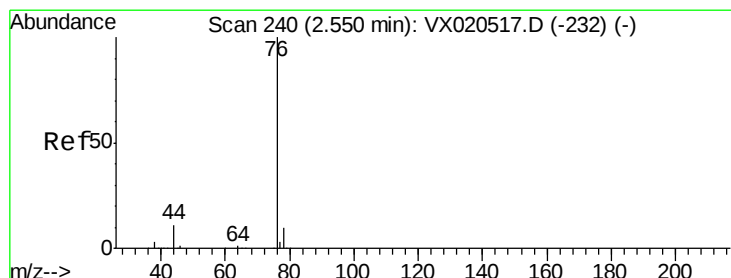
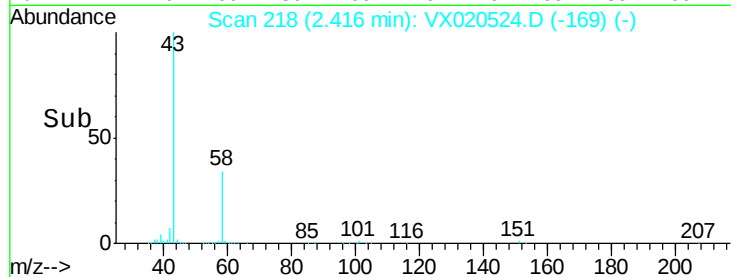
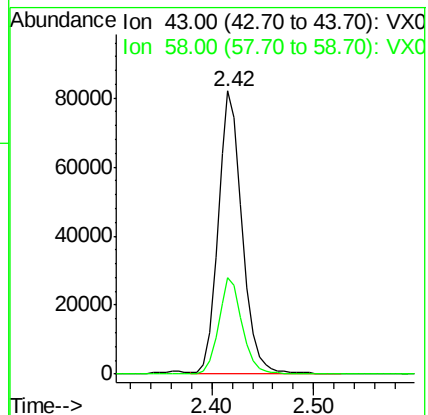
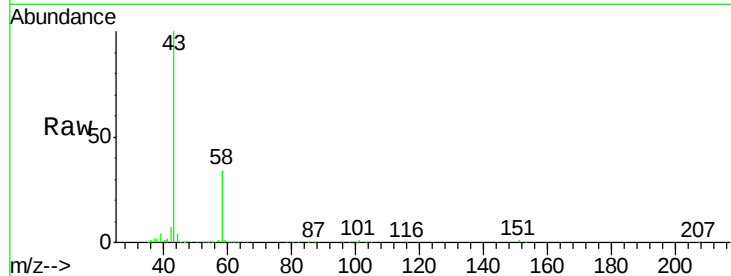
VICV402

Tgt Ion: 43 Resp: 134171

Ion Ratio Lower Upper

43 100

58 33.7 0.0 68.2



#14

Carbon disulfide

Concen: 47.886 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX020524.D

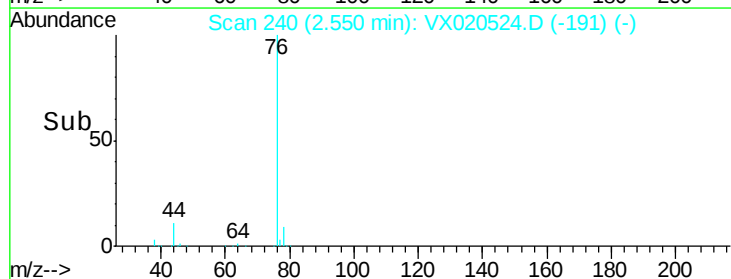
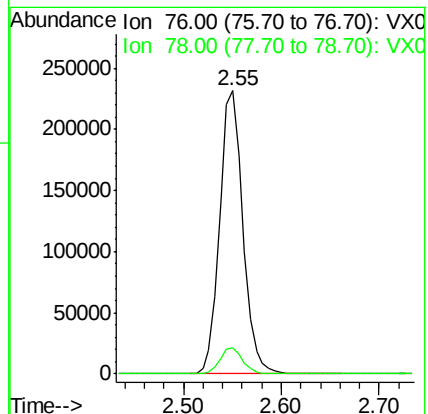
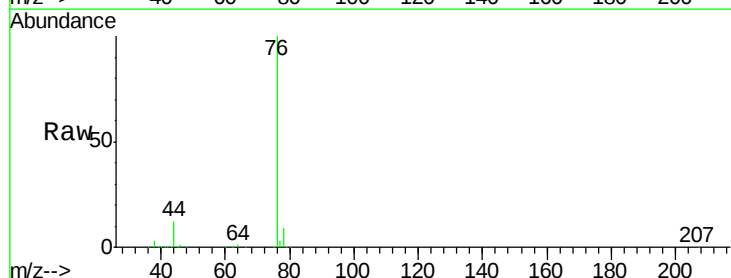
Acq: 06 Jan 2021 17:29

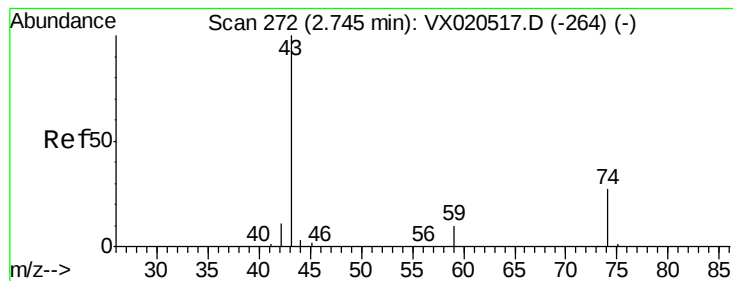
Tgt Ion: 76 Resp: 382296

Ion Ratio Lower Upper

76 100

78 9.0 7.6 11.4





#15

Methyl Acetate

Concen: 48.099 ug/L

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

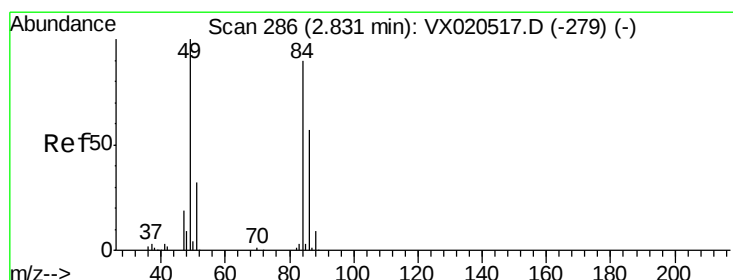
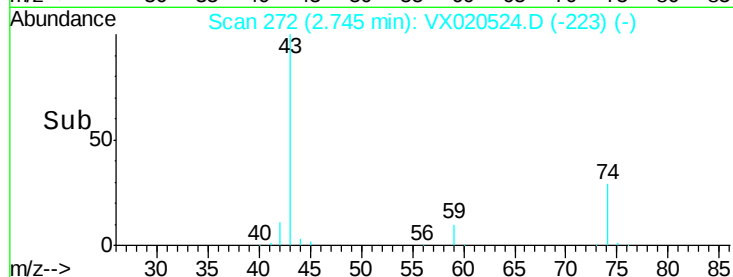
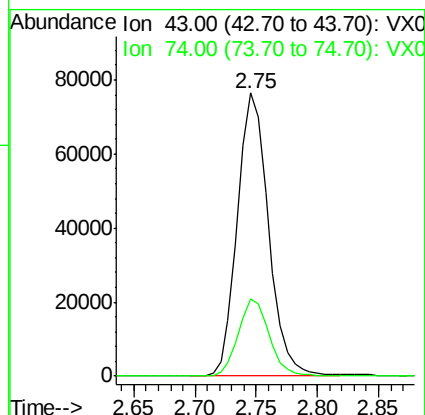
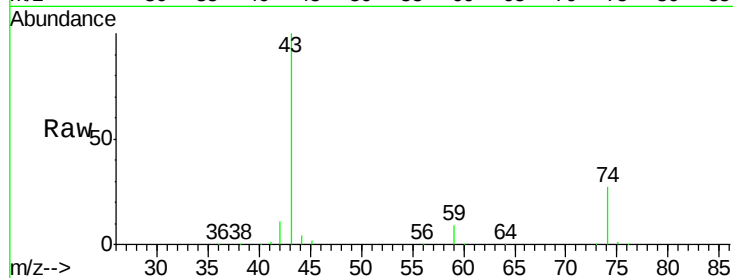
VICV402

Tgt Ion: 43 Resp: 134930

Ion Ratio Lower Upper

43 100

74 27.2 21.7 32.5



#16

Methylene chloride

Concen: 48.199 ug/L

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

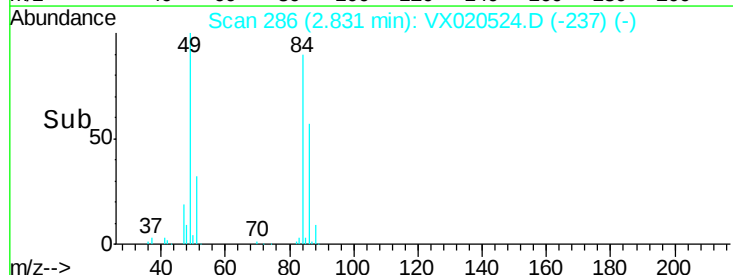
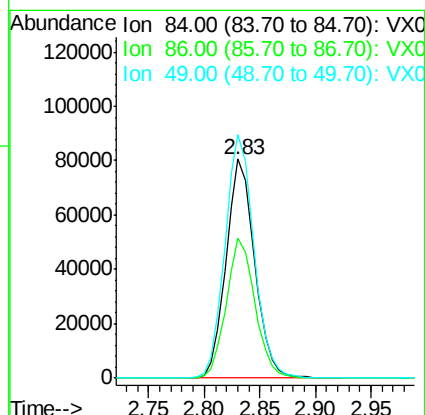
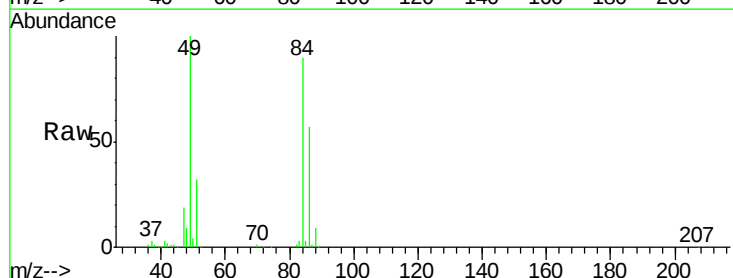
Tgt Ion: 84 Resp: 143364

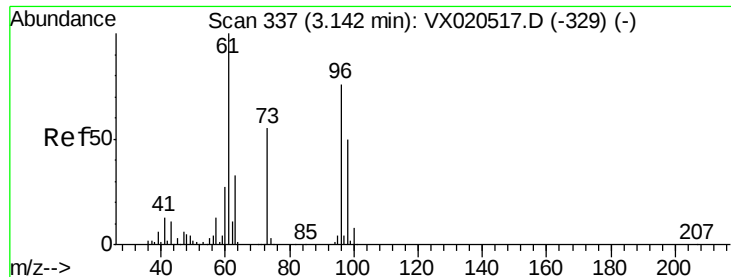
Ion Ratio Lower Upper

84 100

86 63.7 44.2 82.0

49 111.3 77.8 144.6





#17

trans-1,2-Dichloroethene

Concen: 48.477 ug/L

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

VICV402

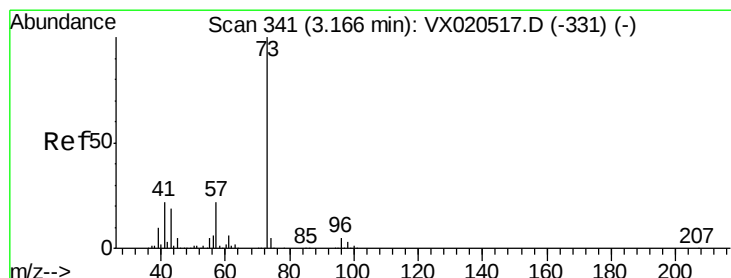
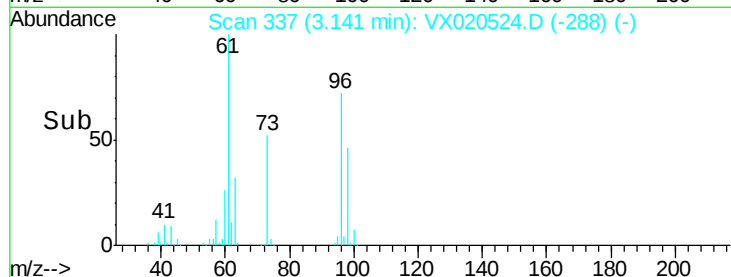
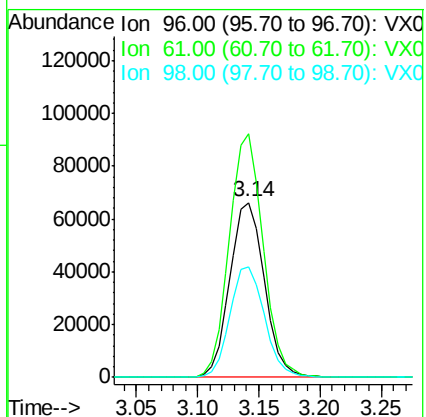
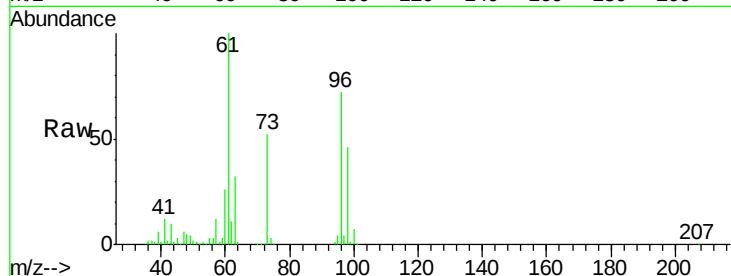
Tgt Ion: 96 Resp: 129813

Ion Ratio Lower Upper

96 100

61 139.1 92.3 171.3

98 63.3 46.3 85.9



#18

Methyl tert-butyl Ether

Concen: 50.060 ug/L

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

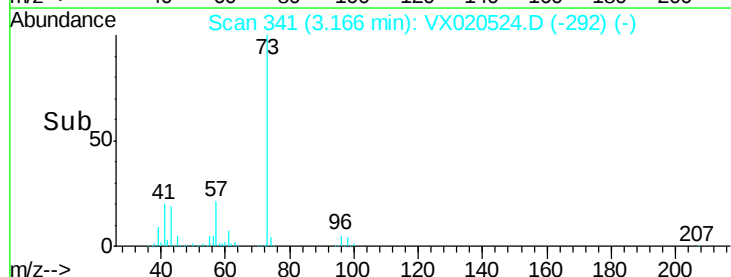
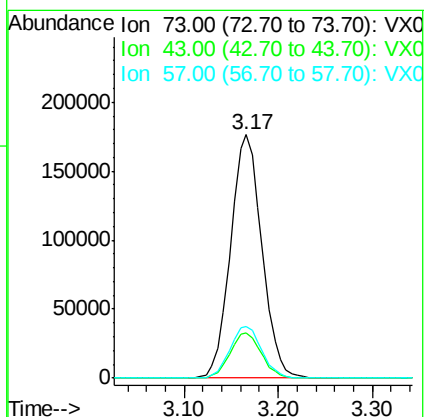
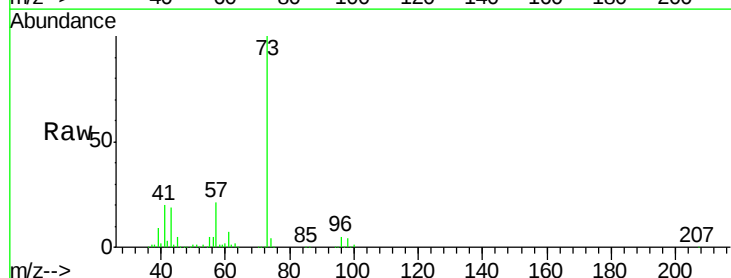
Tgt Ion: 73 Resp: 405121

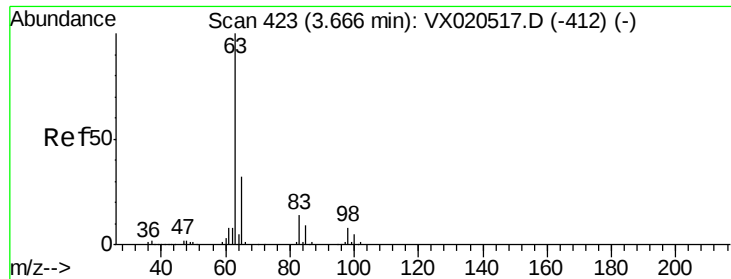
Ion Ratio Lower Upper

73 100

43 18.7 15.1 22.7

57 21.5 17.4 26.2





#19

1,1-Dichloroethane

Concen: 49.026 ug/L

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampled :

VICV402

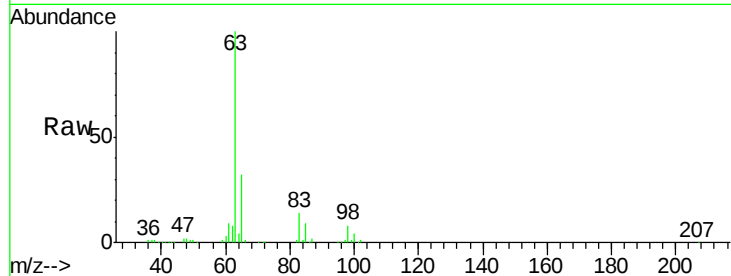
Tgt Ion: 63 Resp: 237490

Ion Ratio Lower Upper

63 100

65 32.2 22.4 41.6

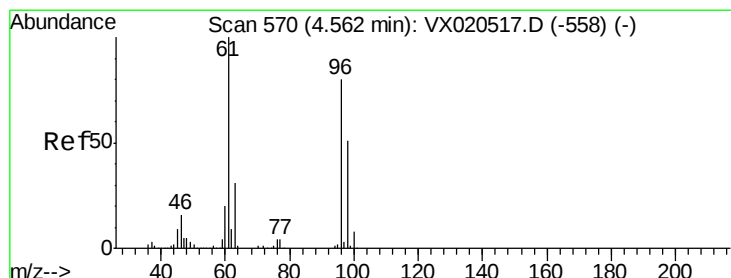
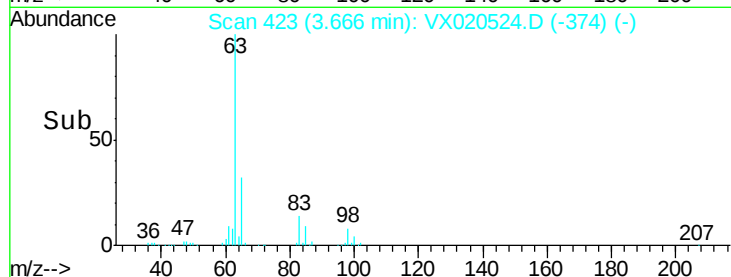
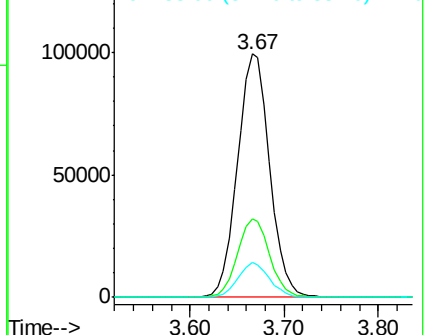
83 14.5 9.5 17.7



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0

Ion 83.00 (82.70 to 83.70): VX0



#20

cis-1,2-Dichloroethene

Concen: 49.050 ug/L

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

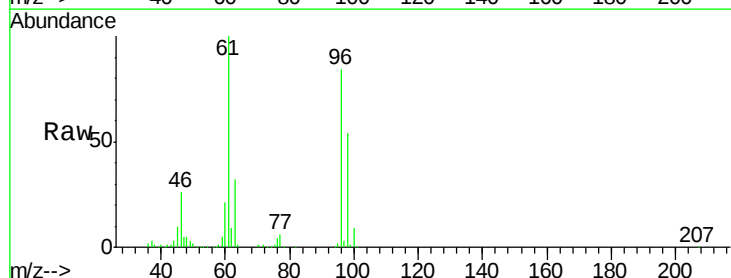
Tgt Ion: 96 Resp: 143640

Ion Ratio Lower Upper

96 100

61 118.5 87.8 163.0

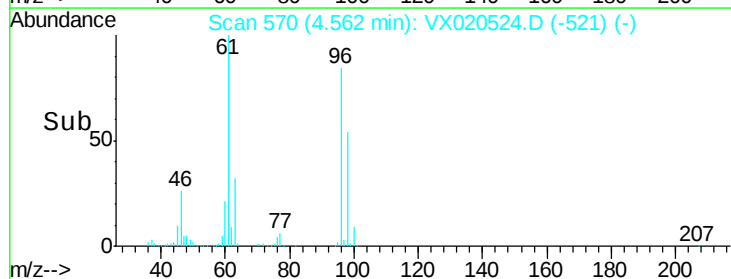
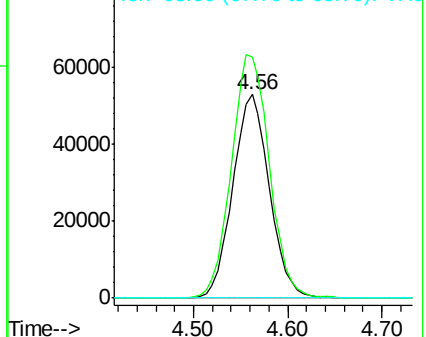
68 0.0 0.0 0.0

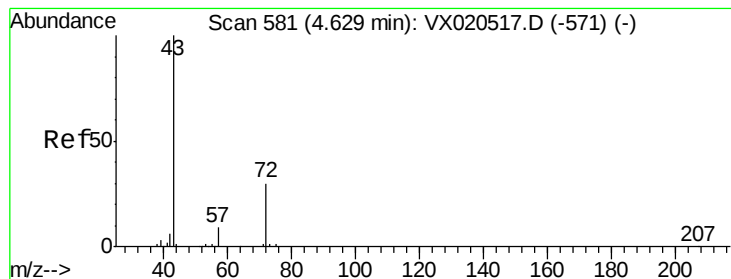


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 68.00 (67.70 to 68.70): VX0





#22

2-Butanone

Concen: 96.217 ug/L

RT: 4.63 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

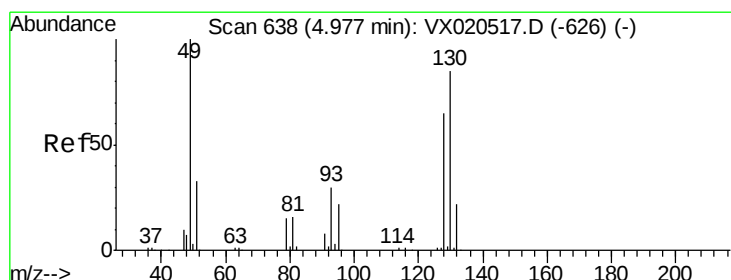
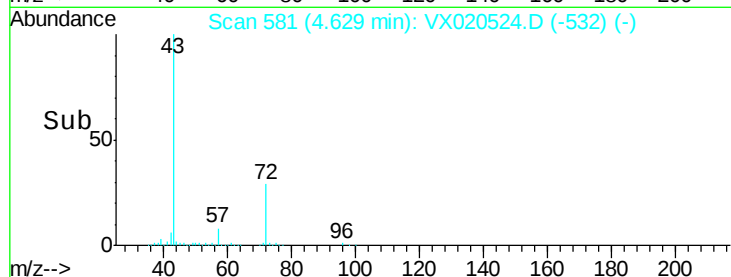
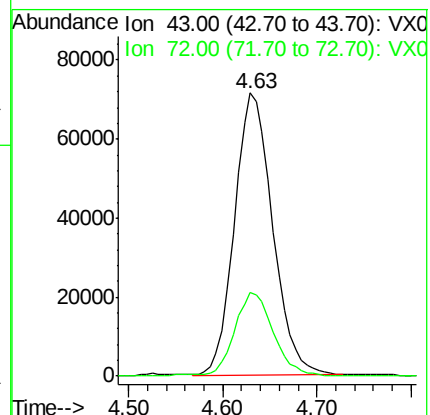
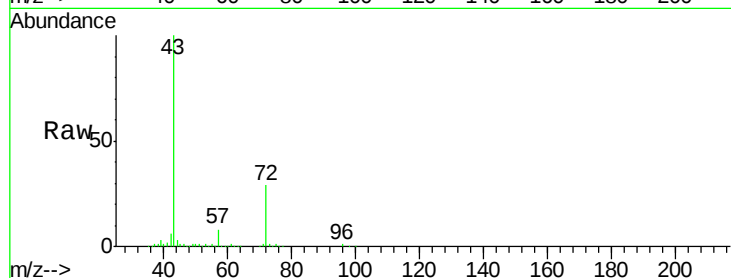
VICV402

Tgt Ion: 43 Resp: 200352

Ion Ratio Lower Upper

43 100

72 30.1 15.3 45.8



#23

Bromochloromethane

Concen: 48.586 ug/L

RT: 4.98 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Tgt Ion: 128 Resp: 73570

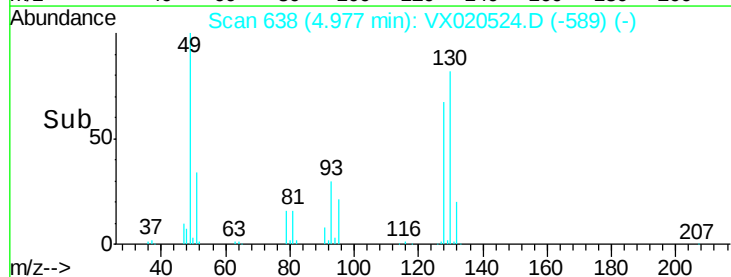
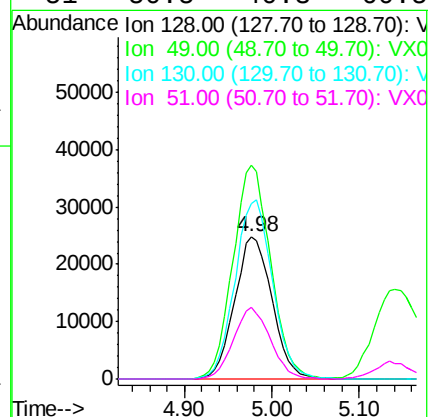
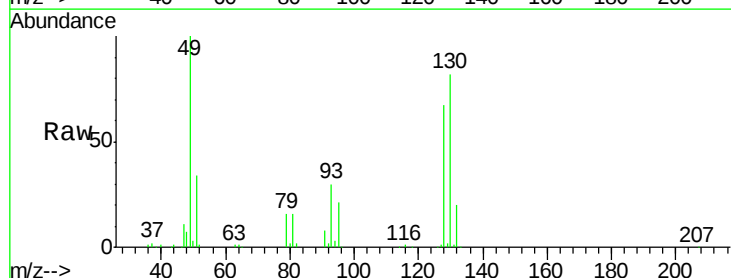
Ion Ratio Lower Upper

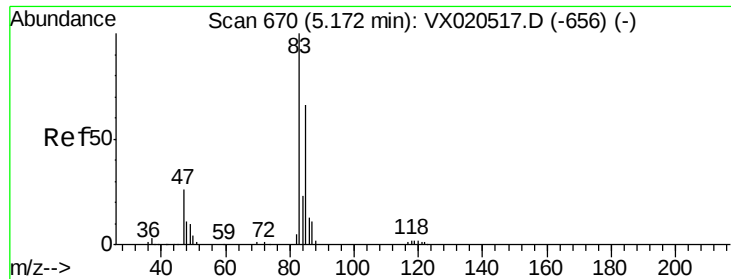
128 100

49 150.2 107.5 199.7

130 123.6 91.1 169.3

51 50.5 40.3 60.5

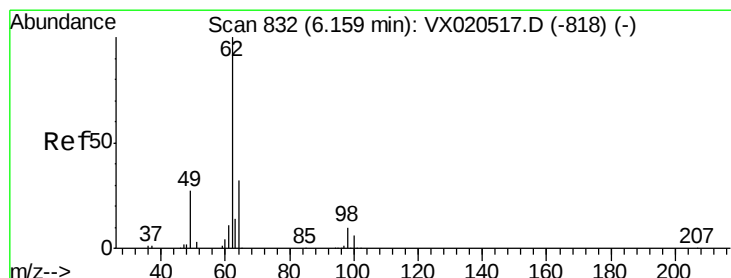
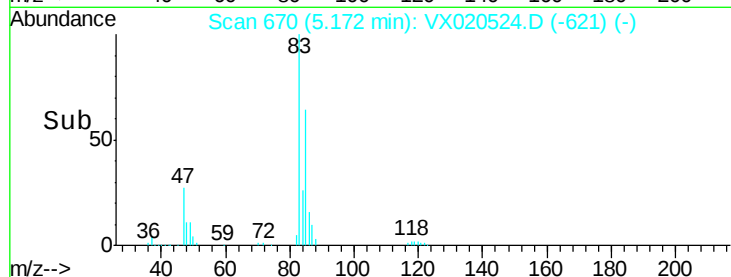
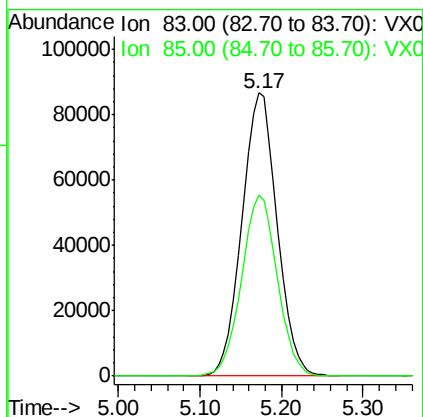
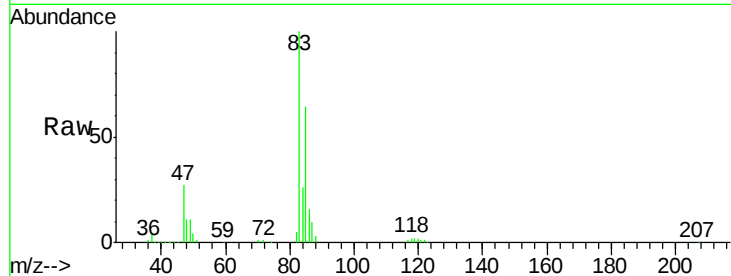




#25
Chloroform
Concen: 49.200 ug/L
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX020524.D
Acq: 06 Jan 2021 17:29

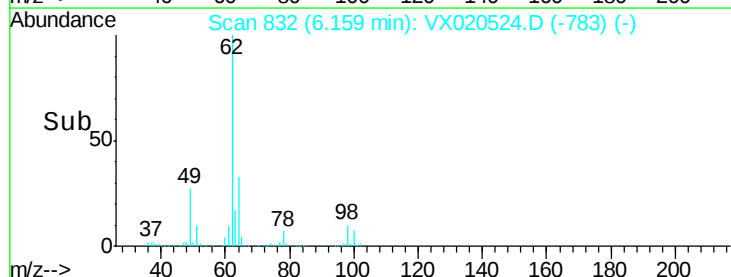
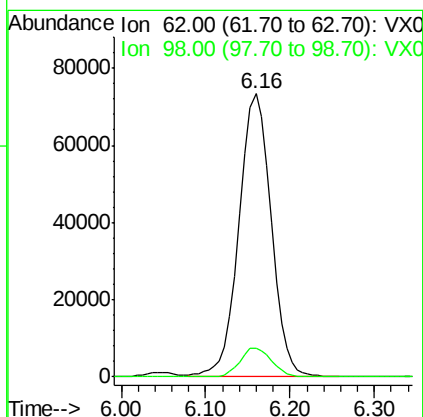
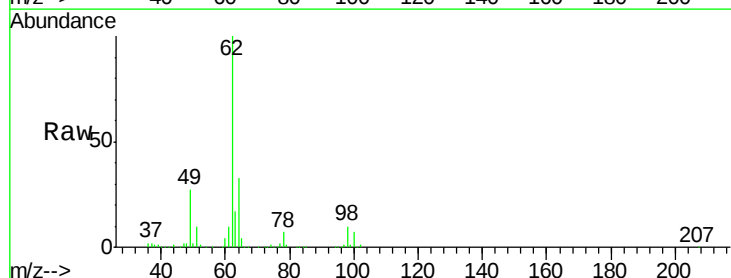
Instrument :
MSVOA_X
ClientSampleId :
VICV402

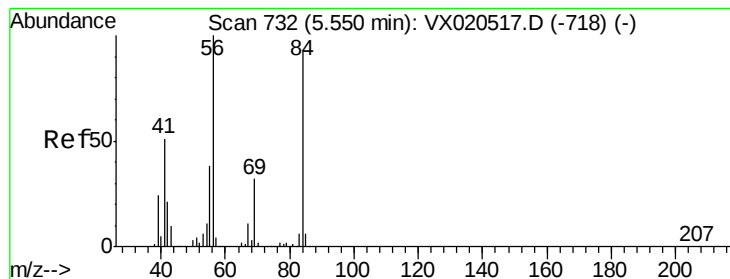
Tgt Ion: 83 Resp: 260169
Ion Ratio Lower Upper
83 100
85 63.8 46.3 85.9



#27
1,2-Dichloroethane
Concen: 48.761 ug/L
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX020524.D
Acq: 06 Jan 2021 17:29

Tgt Ion: 62 Resp: 190120
Ion Ratio Lower Upper
62 100
98 10.1 7.9 11.9





#29

Cyclohexane

Concen: 49.248 ug/L

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

VICV402

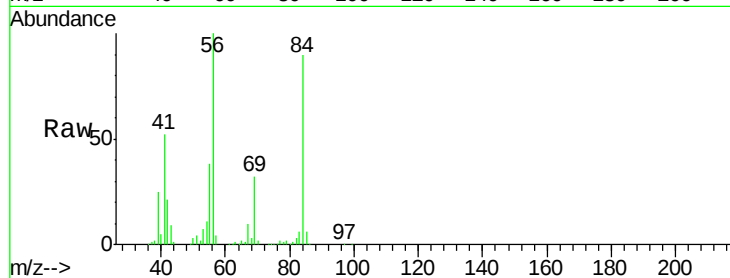
Tgt Ion: 56 Resp: 210685

Ion Ratio Lower Upper

56 100

69 32.0 25.7 38.5

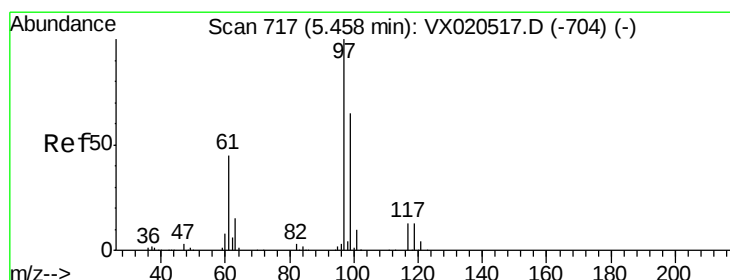
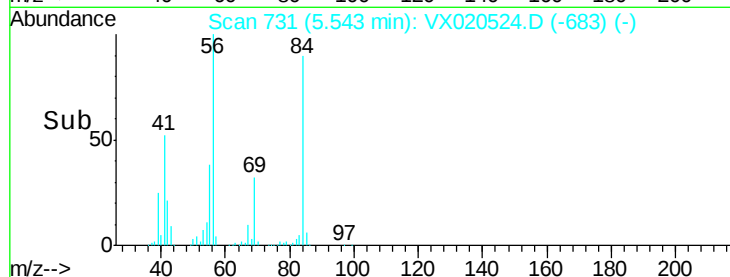
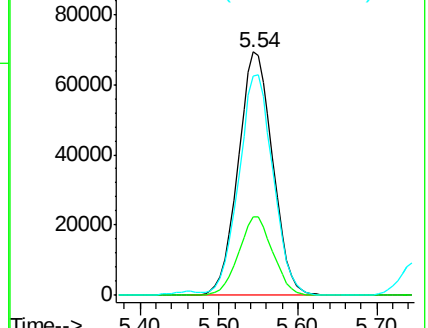
84 90.3 72.4 108.6



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#30

1,1,1-Trichloroethane

Concen: 48.493 ug/L

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

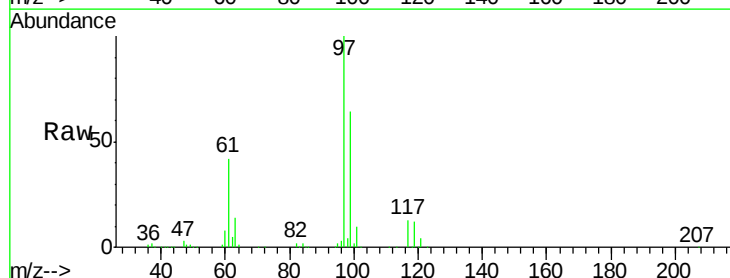
Tgt Ion: 97 Resp: 215044

Ion Ratio Lower Upper

97 100

99 63.6 52.1 78.1

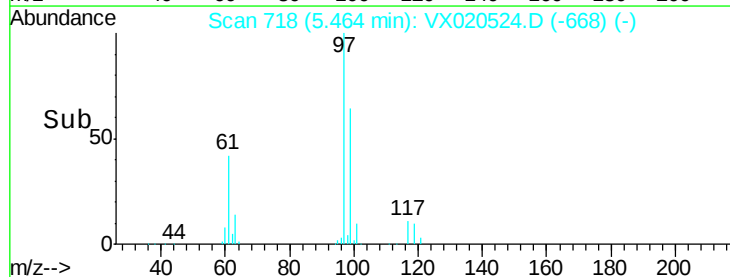
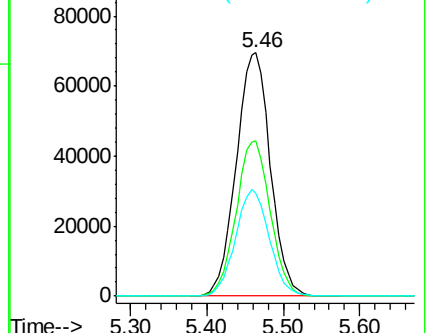
61 43.5 35.3 52.9

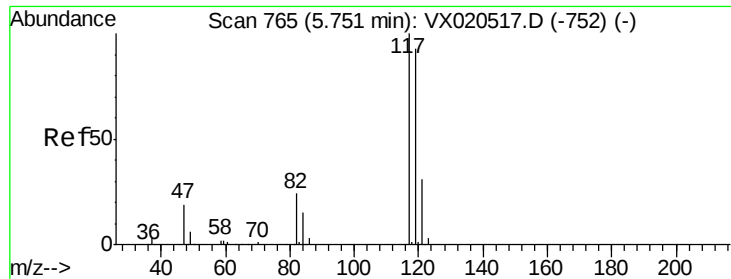


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.05 (60.75 to 61.75): VX0



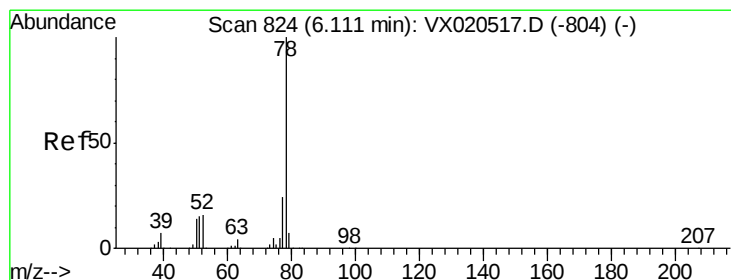
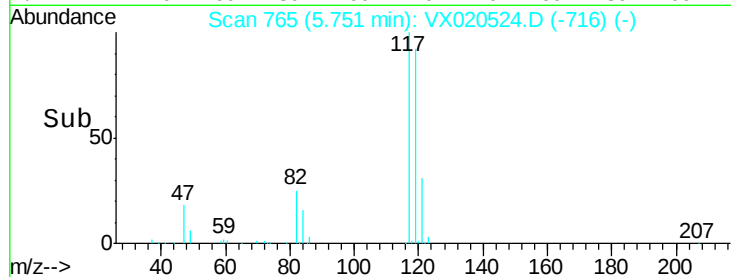
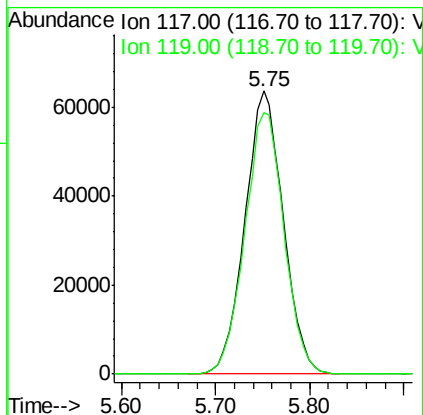
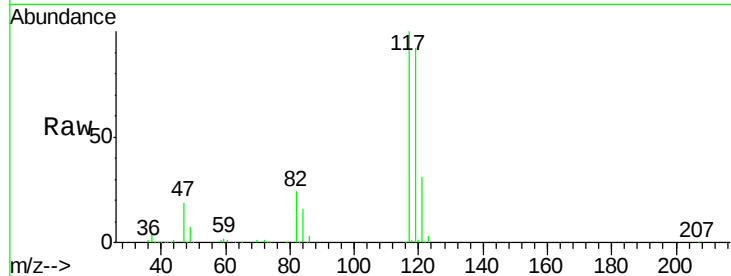


#31

Carbon tetrachloride
Concen: 48.316 ug/L
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX020524.D
Acq: 06 Jan 2021 17:29

Instrument :
MSVOA_X
ClientSampleId :
VICV402

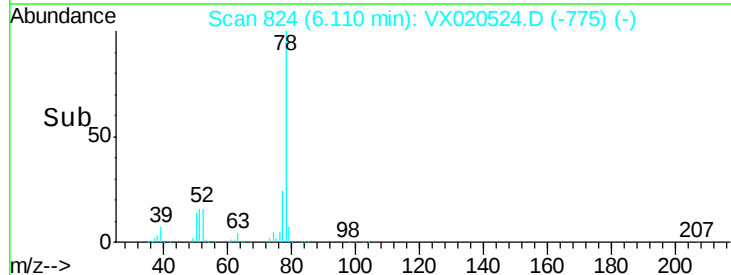
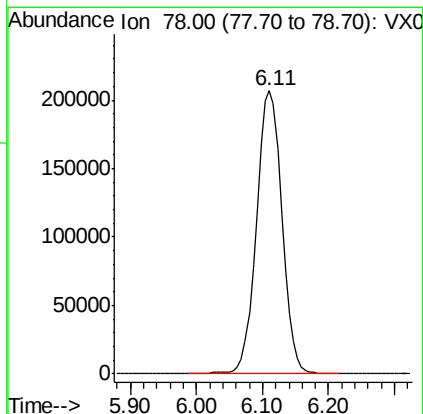
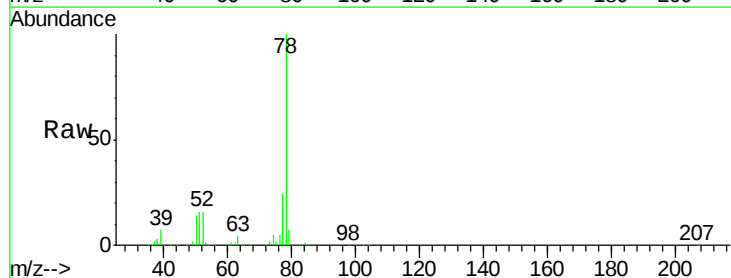
Tgt Ion:117 Resp: 181170
Ion Ratio Lower Upper
117 100
119 95.0 77.5 116.3

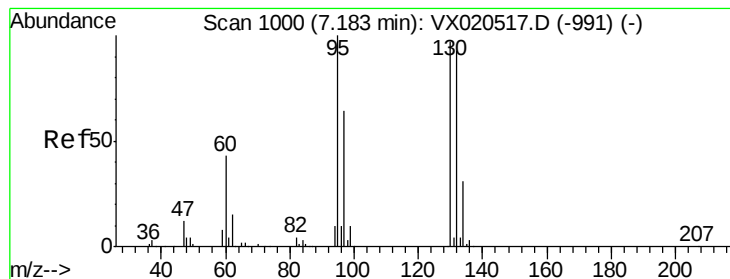


#33

Benzene
Concen: 48.369 ug/L
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX020524.D
Acq: 06 Jan 2021 17:29

Tgt Ion: 78 Resp: 554688





#34

Trichloroethene

Concen: 47.604 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

VICV402

Tgt Ion: 95 Resp: 139033

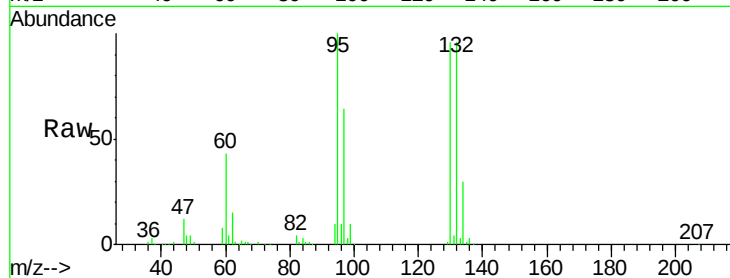
Ion Ratio Lower Upper

95 100

97 64.3 44.5 82.7

132 95.5 65.2 121.0

130 96.4 67.7 125.7

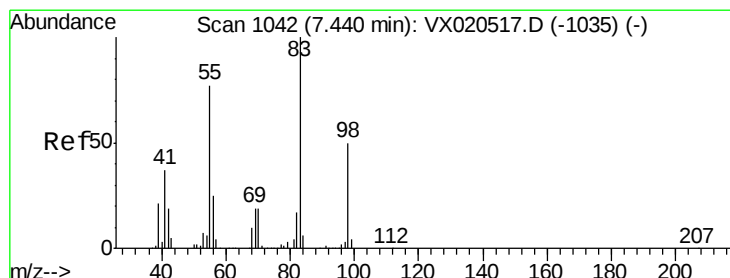
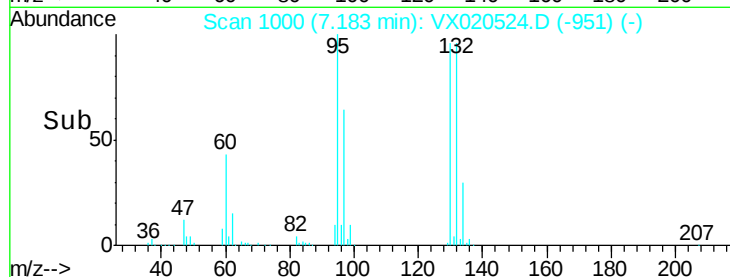
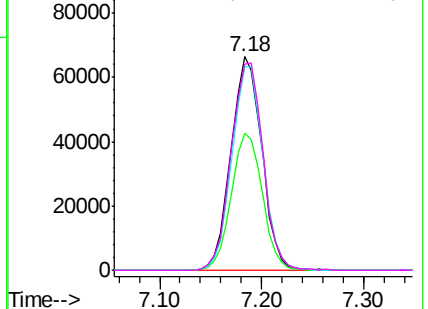


Abundance Ion 95.00 (94.70 to 95.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#35

Methylcyclohexane

Concen: 49.567 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

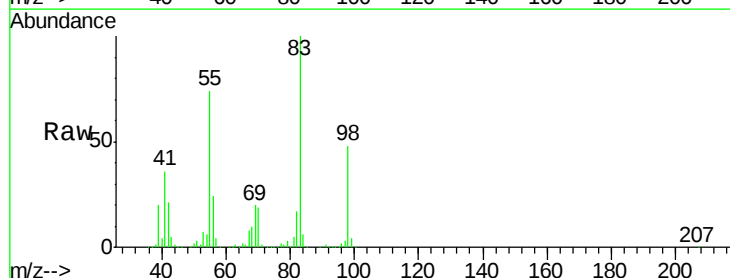
Tgt Ion: 83 Resp: 217623

Ion Ratio Lower Upper

83 100

55 76.5 61.2 91.8

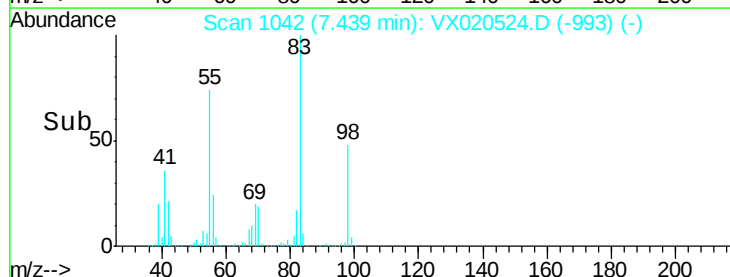
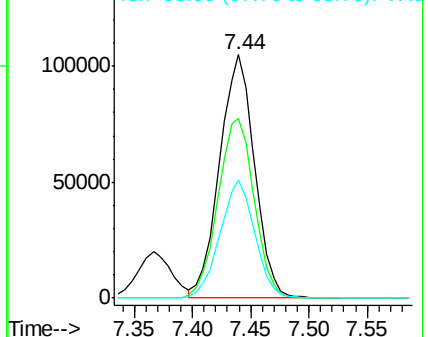
98 48.5 38.7 58.1

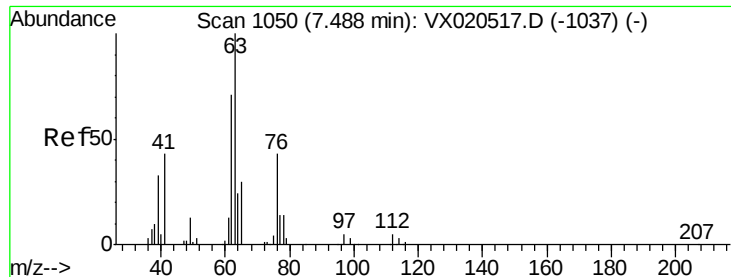


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

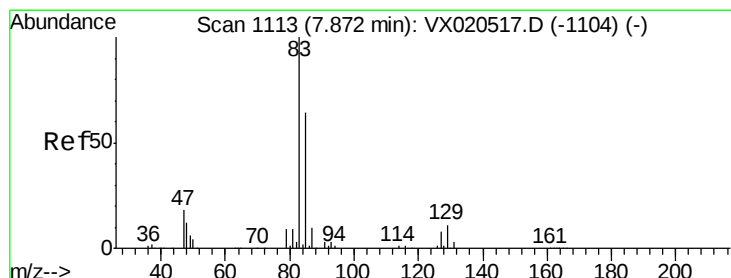
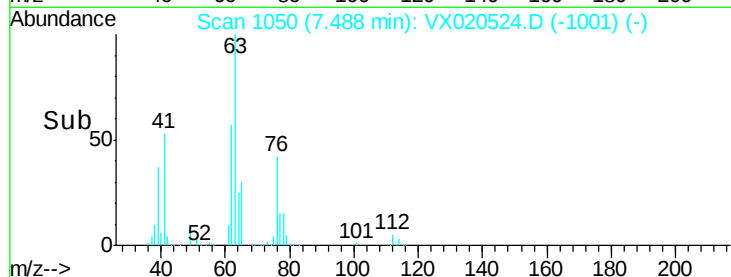
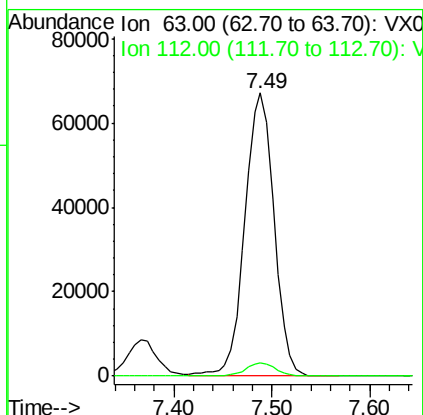
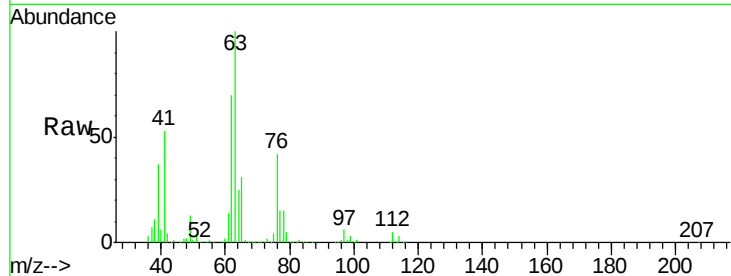




#37
 1,2-Dichloropropane
 Concen: 48.055 ug/L
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX020524.D
 Acq: 06 Jan 2021 17:29

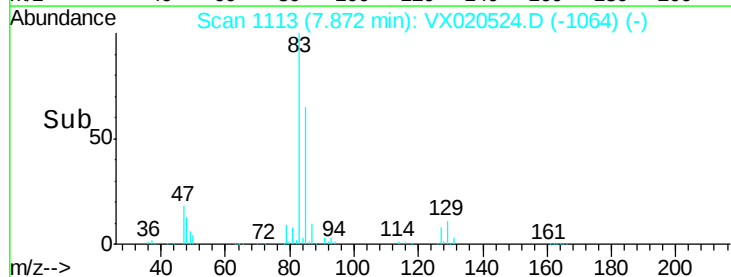
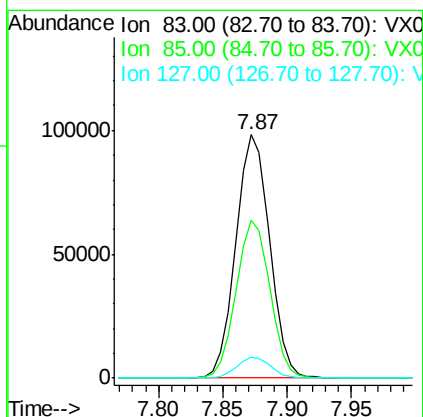
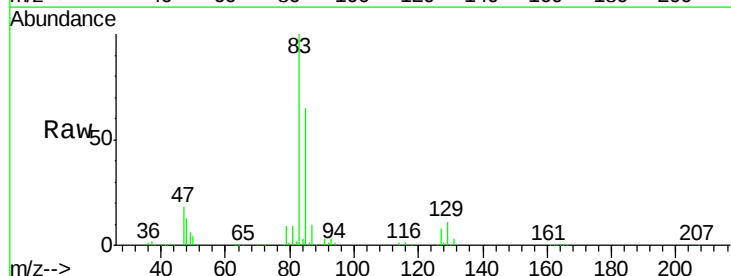
Instrument :
 MSVOA_X
 ClientSampleId :
 VICV402

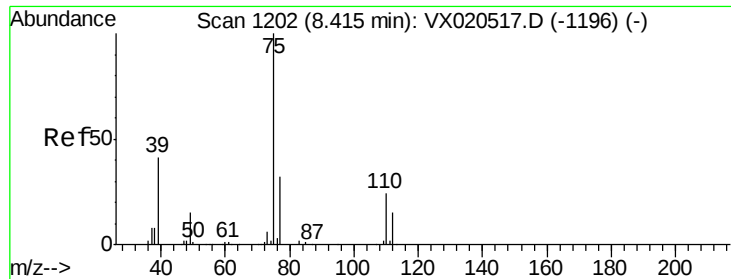
Tgt Ion: 63 Resp: 139798
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.6 5.4



#38
 Bromodichloromethane
 Concen: 47.962 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VX020524.D
 Acq: 06 Jan 2021 17:29

Tgt Ion: 83 Resp: 179164
 Ion Ratio Lower Upper
 83 100
 85 64.9 45.1 83.7
 127 8.3 6.6 10.0

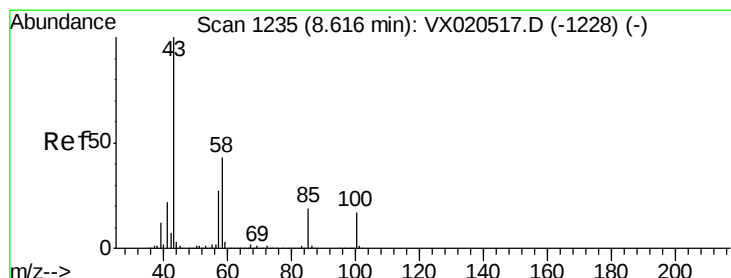
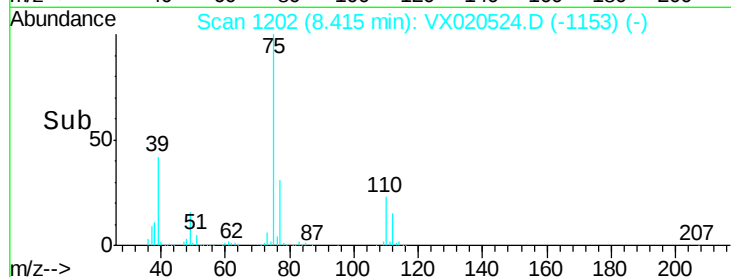
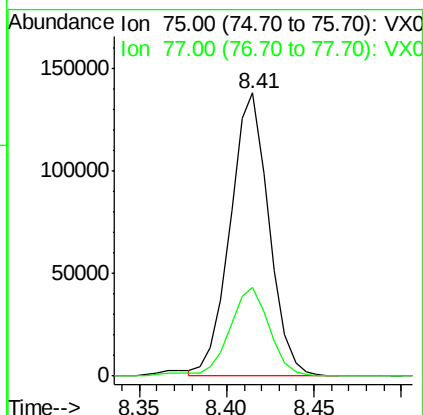
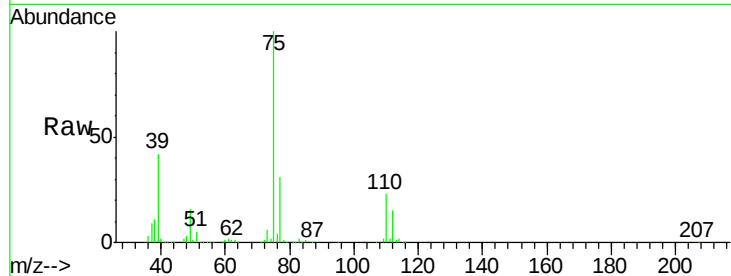




#39
 cis-1,3-Dichloropropene
 Concen: 48.290 ug/L
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX020524.D
 Acq: 06 Jan 2021 17:29

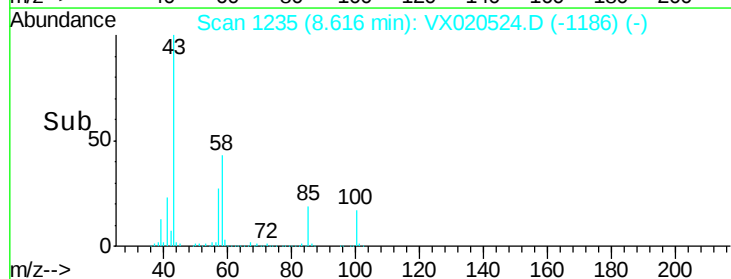
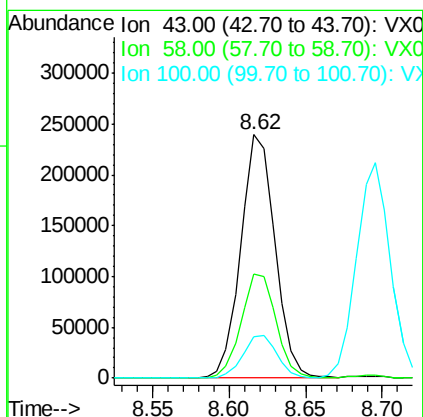
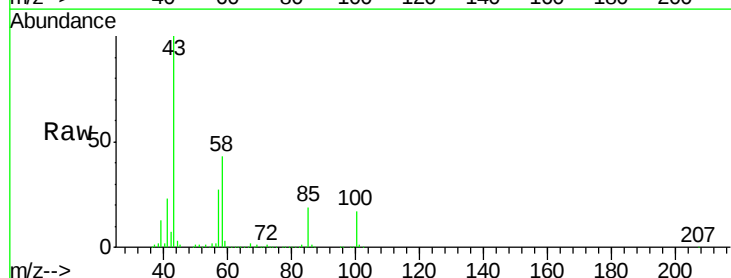
Instrument :
 MSVOA_X
 ClientSampled :
 VICV402

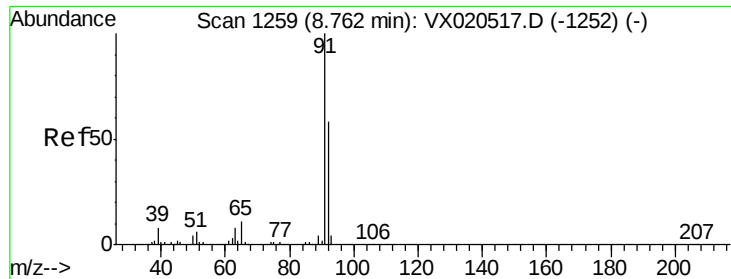
Tgt Ion: 75 Resp: 211261
 Ion Ratio Lower Upper
 75 100
 77 31.4 22.7 42.3



#40
 4-Methyl-2-pentanone
 Concen: 97.810 ug/L
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX020524.D
 Acq: 06 Jan 2021 17:29

Tgt Ion: 43 Resp: 373832
 Ion Ratio Lower Upper
 43 100
 58 43.4 35.0 52.4
 100 17.6 14.2 21.4





#42

Toluene

Concen: 48.417 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

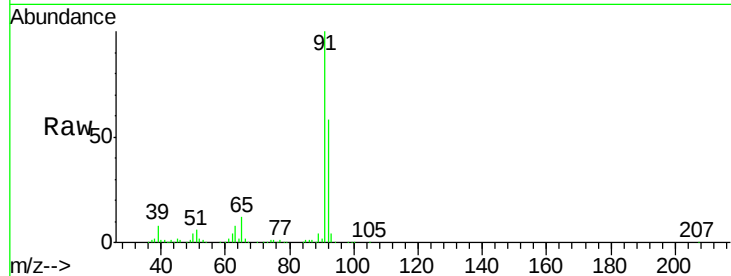
VICV402

Tgt Ion: 91 Resp: 581699

Ion Ratio Lower Upper

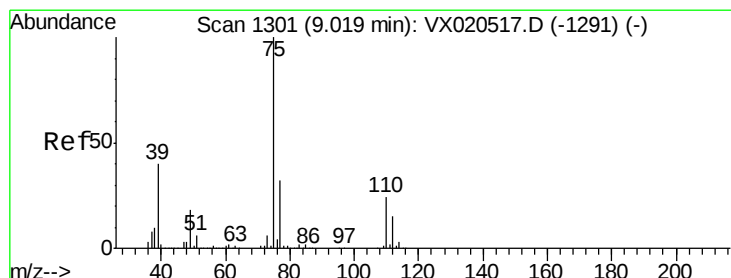
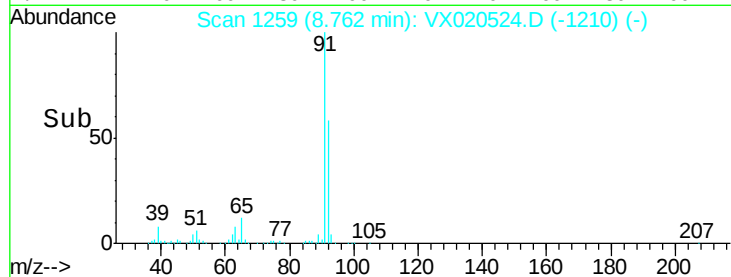
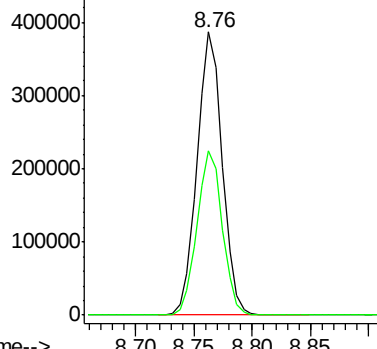
91 100

92 58.0 40.5 75.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



#44

trans-1,3-Dichloropropene

Concen: 49.136 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX020524.D

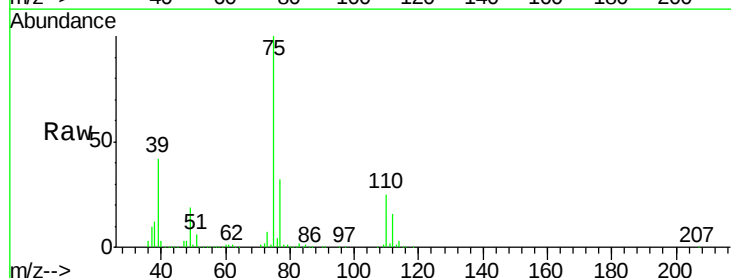
Acq: 06 Jan 2021 17:29

Tgt Ion: 75 Resp: 209857

Ion Ratio Lower Upper

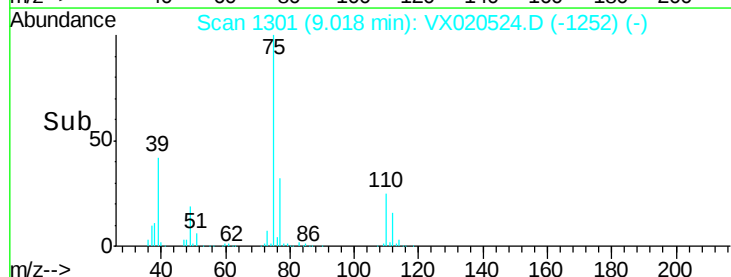
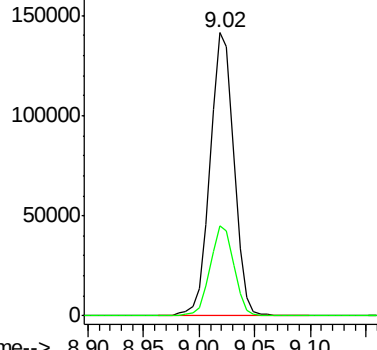
75 100

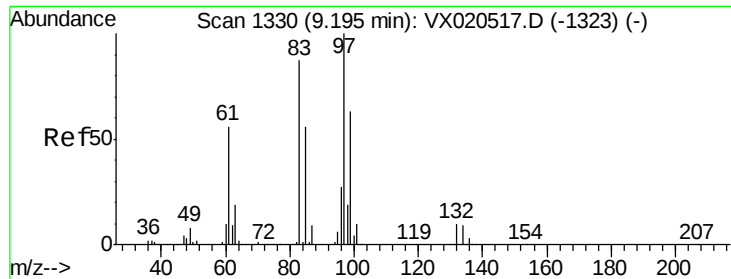
77 31.7 22.4 41.6



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

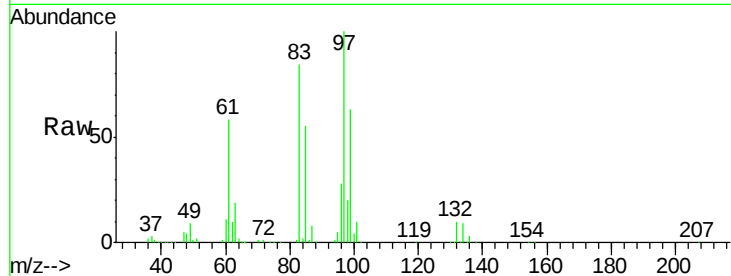




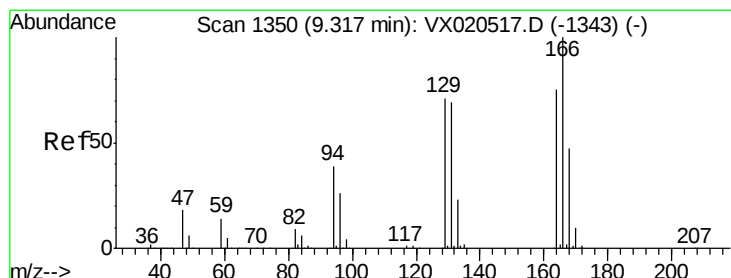
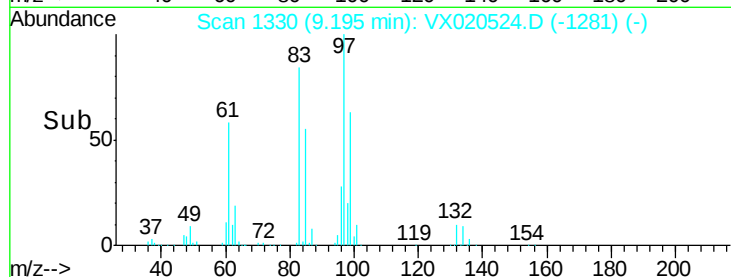
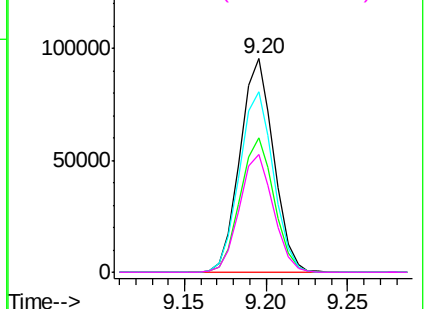
#45
 1,1,2-Trichloroethane
 Concen: 47.767 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX020524.D
 Acq: 06 Jan 2021 17:29

Instrument :
 MSVOA_X
 ClientSampled :
 VICV402

Tgt Ion:	97	Resp:	137528
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.0	81.6
83	84.4	60.8	113.0
85	55.4	39.4	73.2

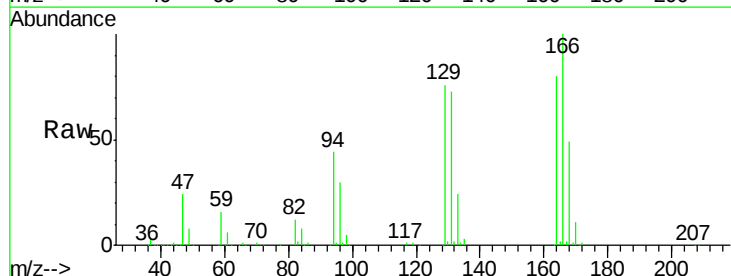


Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 99.00 (98.70 to 99.70): VX0
 Ion 83.00 (82.70 to 83.70): VX0
 Ion 85.00 (84.70 to 85.70): VX0

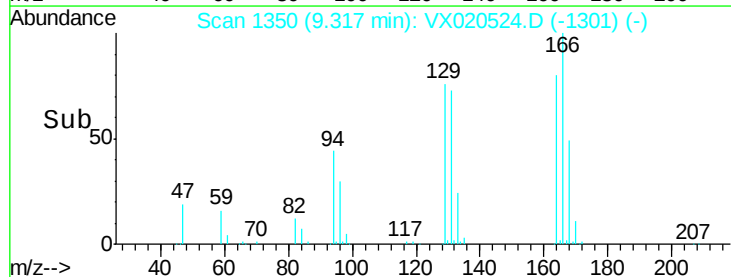
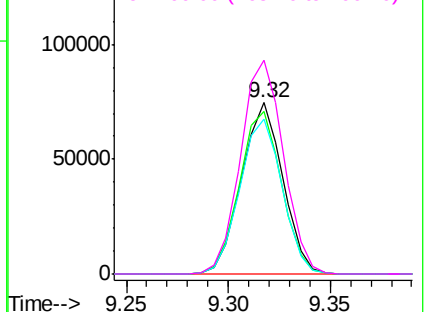


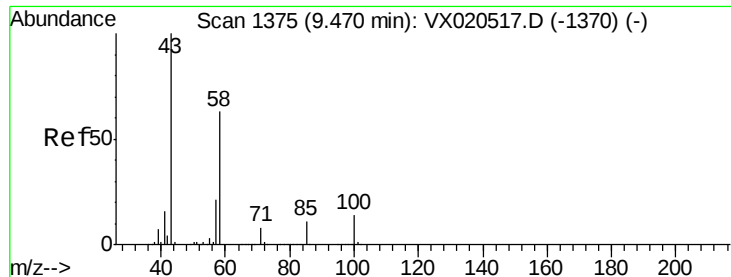
#46
 Tetrachloroethene
 Concen: 46.561 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VX020524.D
 Acq: 06 Jan 2021 17:29

Tgt Ion:	164	Resp:	105406
Ion	Ratio	Lower	Upper
164	100		
129	95.0	65.6	121.8
131	90.6	63.7	118.3
166	124.7	93.0	172.6



Abundance Ion 164.00 (163.70 to 164.70): V
 Ion 129.00 (128.70 to 129.70): V
 Ion 131.00 (130.70 to 131.70): V
 Ion 166.00 (165.70 to 166.70): V

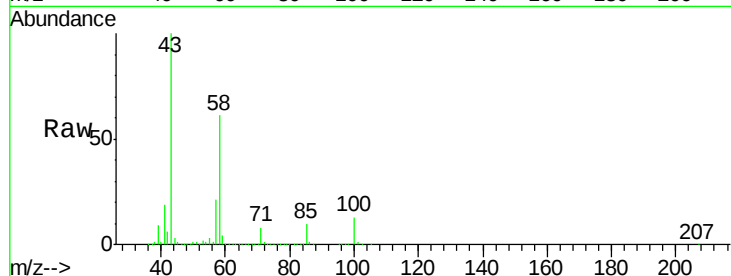




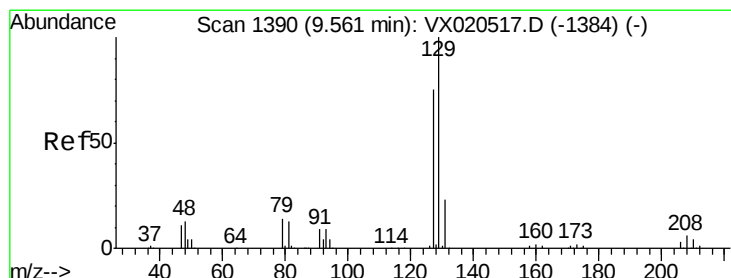
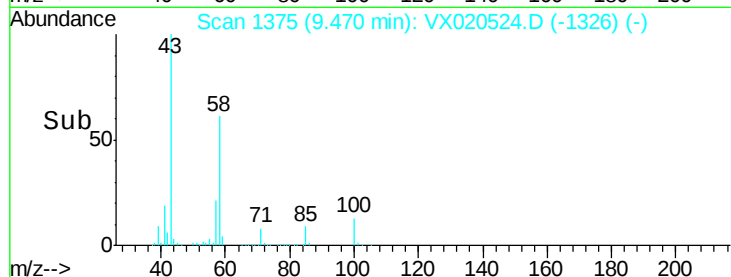
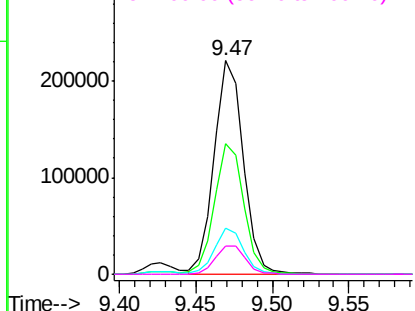
#48
2-Hexanone
Concen: 96.841 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX020524.D
Acq: 06 Jan 2021 17:29

Instrument :
MSVOA_X
ClientSampleId :
VICV402

Tgt Ion: 43 Resp: 292481
Ion Ratio Lower Upper
43 100
58 61.9 50.1 75.1
57 21.5 17.3 25.9
100 14.2 11.4 17.2

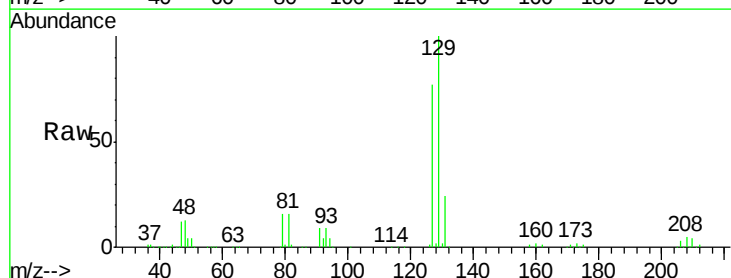


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0
Ion 100.00 (99.70 to 100.70): V

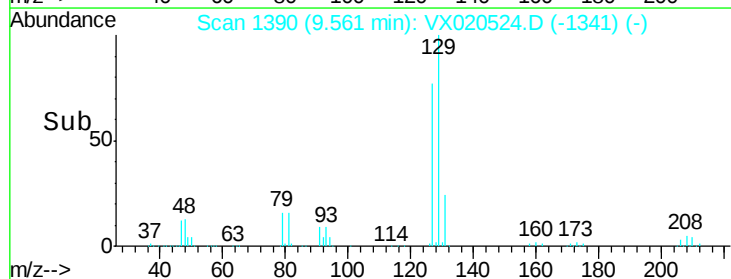
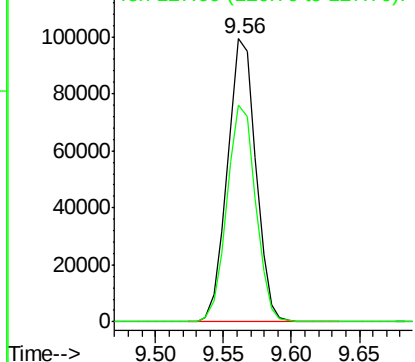


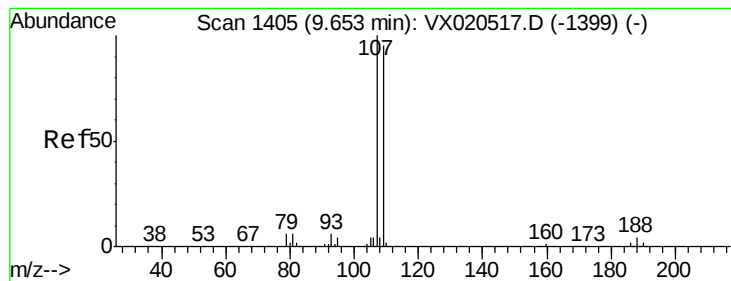
#49
Dibromochloromethane
Concen: 49.028 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX020524.D
Acq: 06 Jan 2021 17:29

Tgt Ion: 129 Resp: 144732
Ion Ratio Lower Upper
129 100
127 76.6 52.5 97.5



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V





#50

1,2-Dibromoethane

Concen: 48.254 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

VICV402

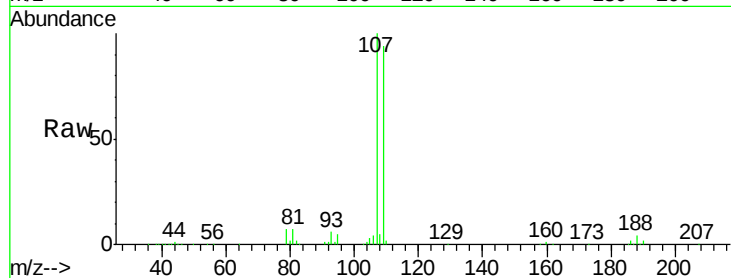
Tgt Ion:107 Resp: 143917

Ion Ratio Lower Upper

107 100

109 94.2 66.4 123.4

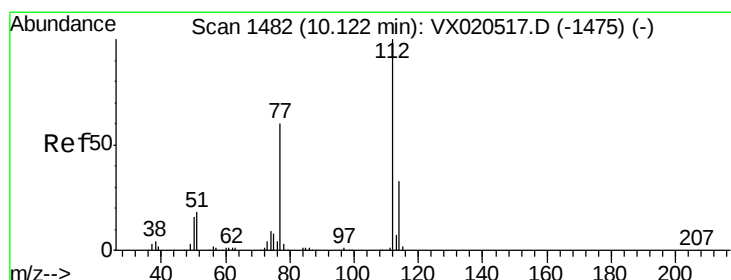
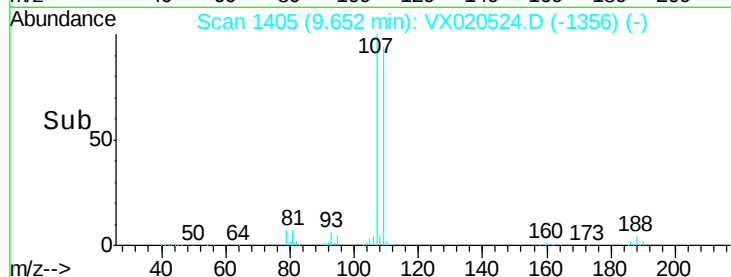
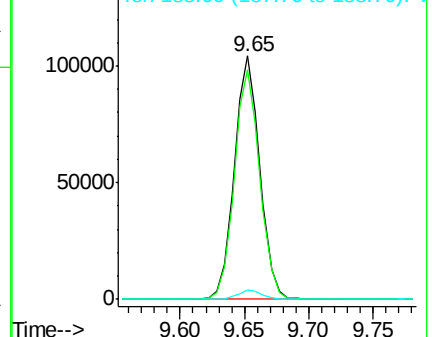
188 3.8 3.2 4.8



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#51

Chlorobenzene

Concen: 47.598 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

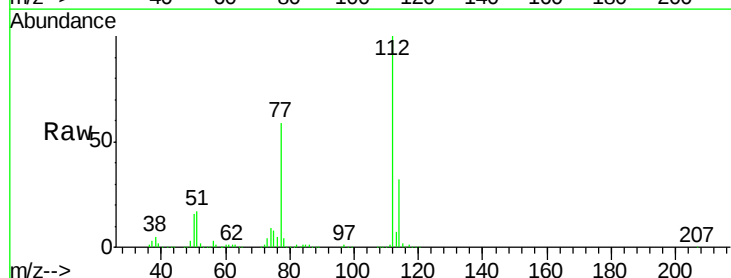
Tgt Ion:112 Resp: 362055

Ion Ratio Lower Upper

112 100

114 32.4 23.2 43.2

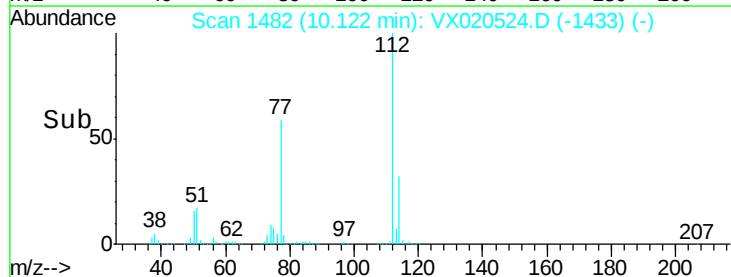
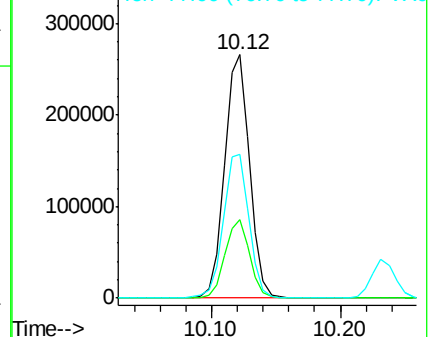
77 59.0 48.4 72.6

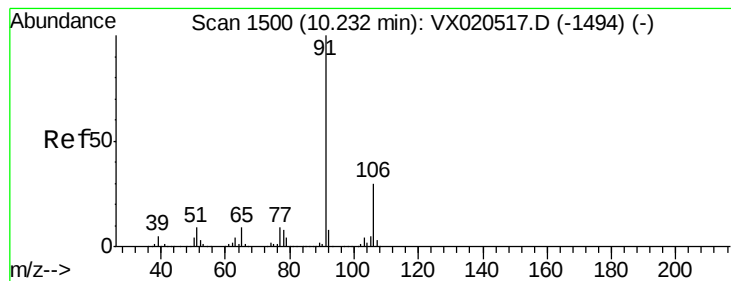


Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

Ion 77.00 (76.70 to 77.70): V





#52

Ethylbenzene

Concen: 47.962 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampled :

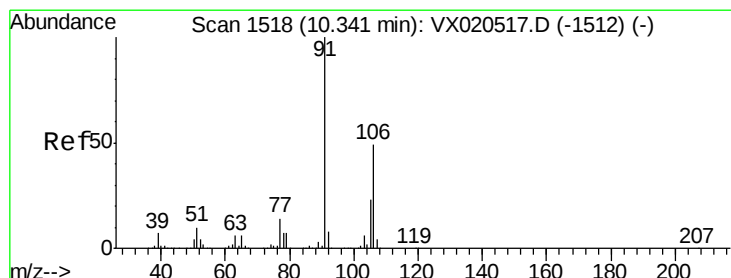
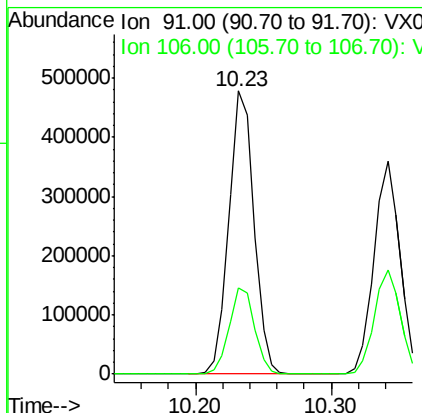
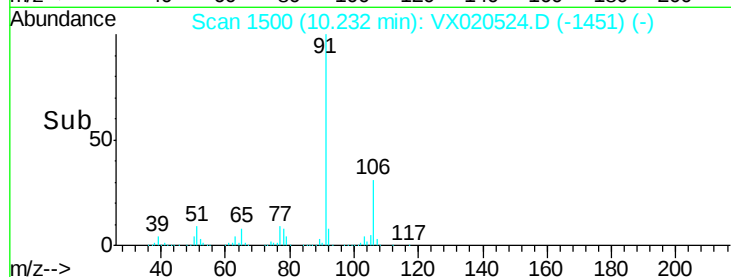
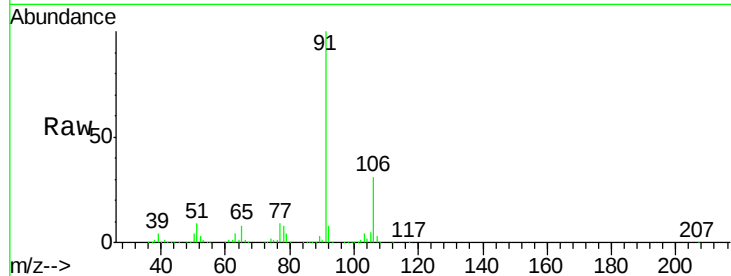
VICV402

Tgt Ion: 91 Resp: 616141

Ion Ratio Lower Upper

91 100

106 30.6 21.0 39.0



#53

m,p-Xylene

Concen: 49.038 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX020524.D

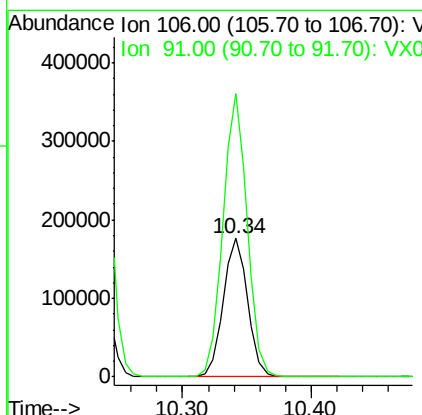
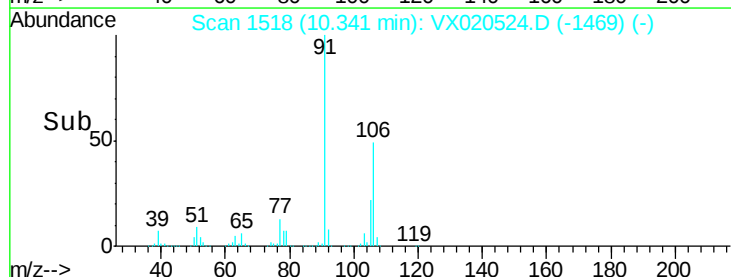
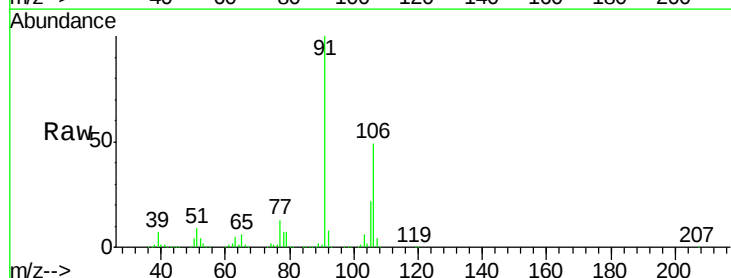
Acq: 06 Jan 2021 17:29

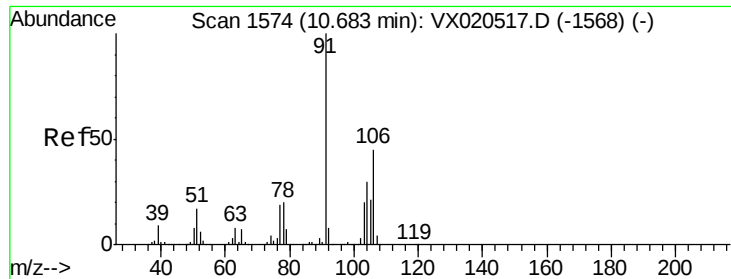
Tgt Ion: 106 Resp: 235368

Ion Ratio Lower Upper

106 100

91 204.8 142.5 264.6

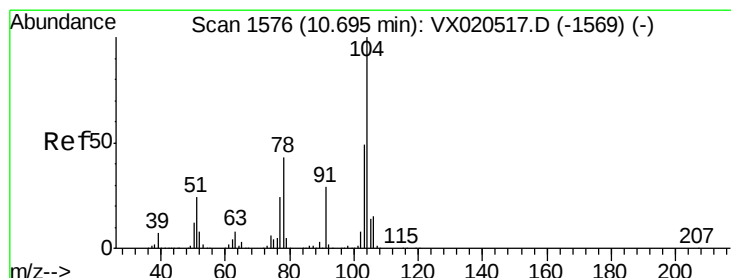
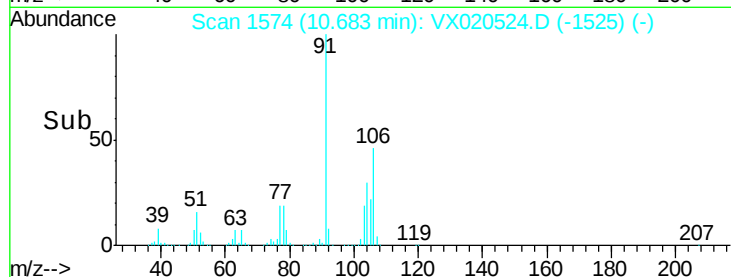
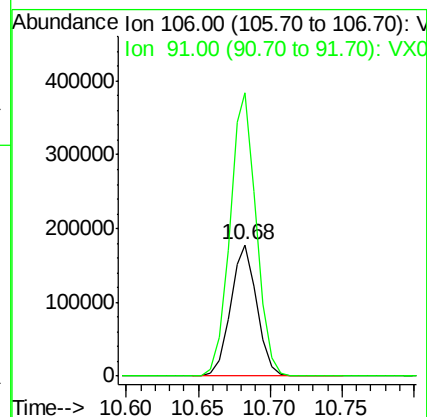
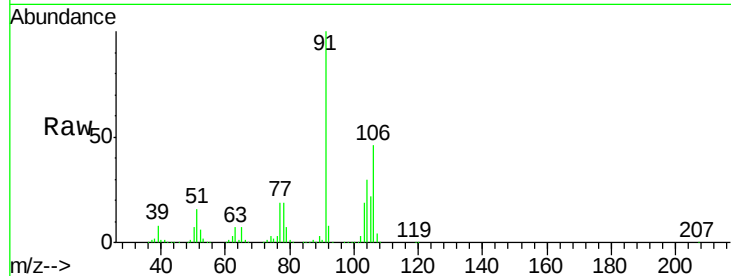




#54
o-Xylene
Concen: 48.807 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX020524.D
Acq: 06 Jan 2021 17:29

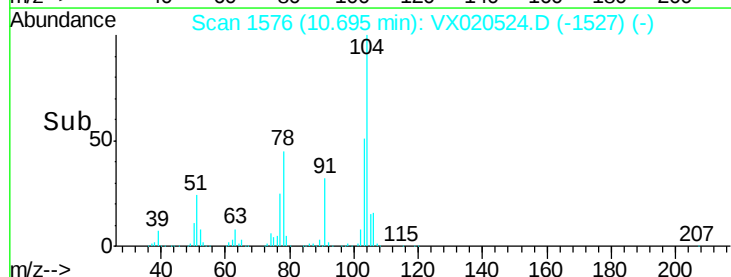
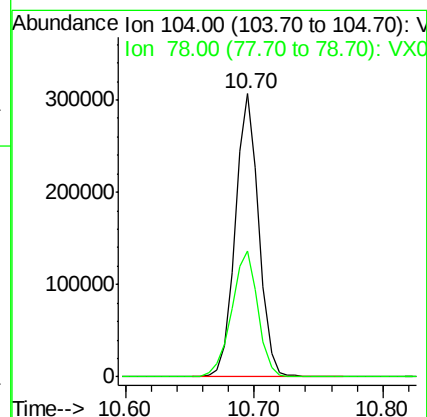
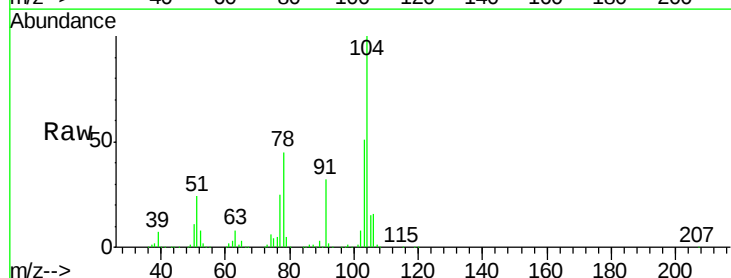
Instrument :
MSVOA_X
ClientSampled :
VICV402

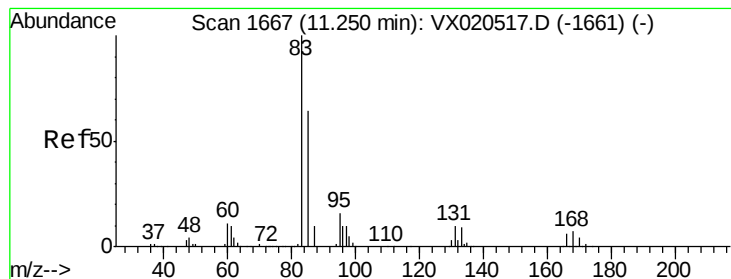
Tgt Ion:106 Resp: 227335
Ion Ratio Lower Upper
106 100
91 215.1 156.2 290.0



#55
Styrene
Concen: 49.558 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX020524.D
Acq: 06 Jan 2021 17:29

Tgt Ion:104 Resp: 390790
Ion Ratio Lower Upper
104 100
78 44.6 30.0 55.6





#57

1,1,2,2-Tetrachloroethane

Concen: 45.801 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

VICV402

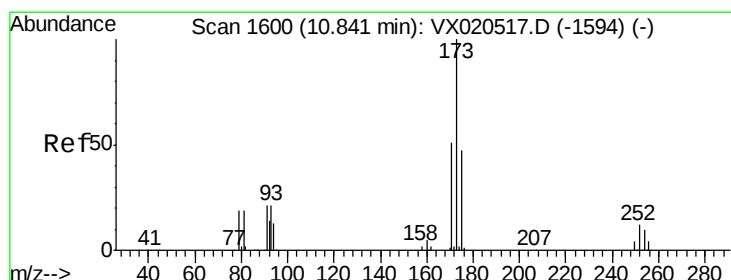
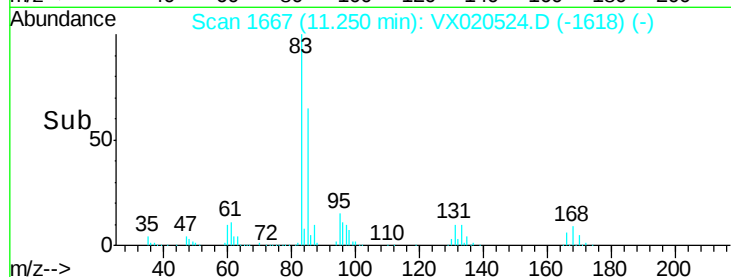
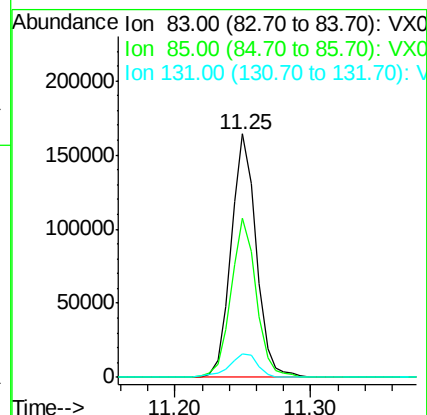
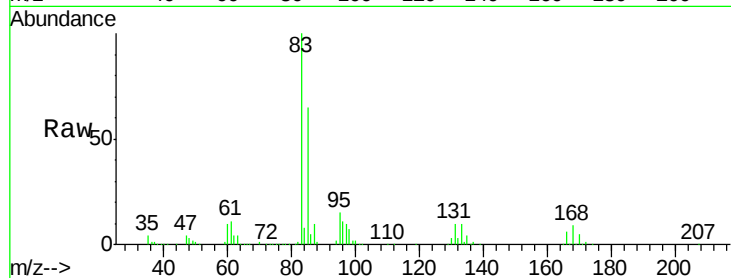
Tgt Ion: 83 Resp: 209256

Ion Ratio Lower Upper

83 100

85 65.1 44.7 82.9

131 9.6 7.8 11.8



#59

Bromoform

Concen: 48.345 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

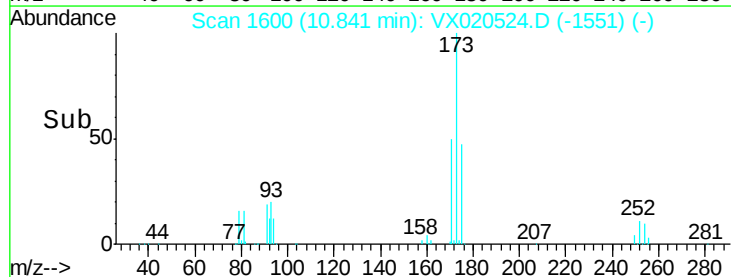
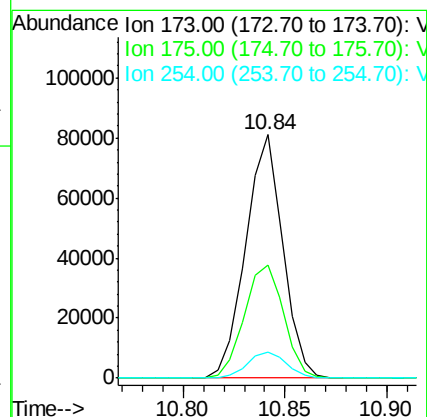
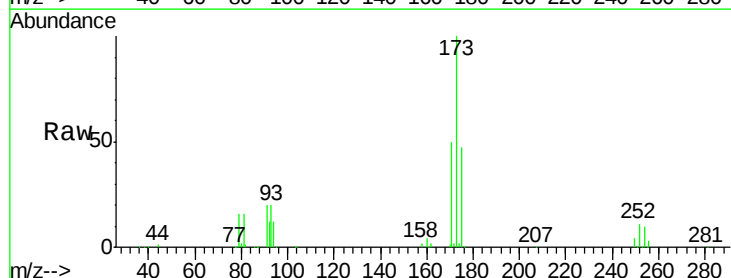
Tgt Ion: 173 Resp: 102826

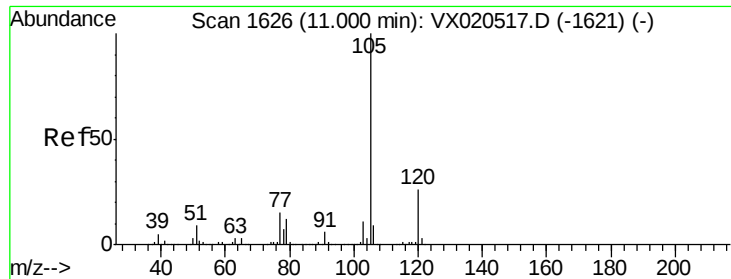
Ion Ratio Lower Upper

173 100

175 49.1 39.4 59.2

254 11.1 8.6 13.0





#60

Isopropylbenzene

Concen: 49.659 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

VICV402

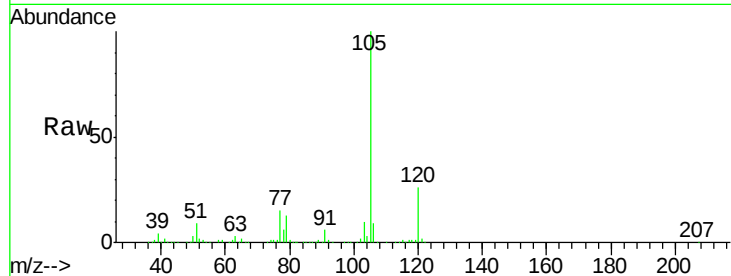
Tgt Ion: 105 Resp: 596205

Ion Ratio Lower Upper

105 100

120 25.7 21.2 31.8

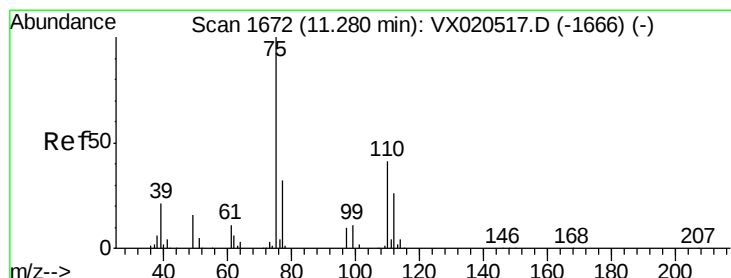
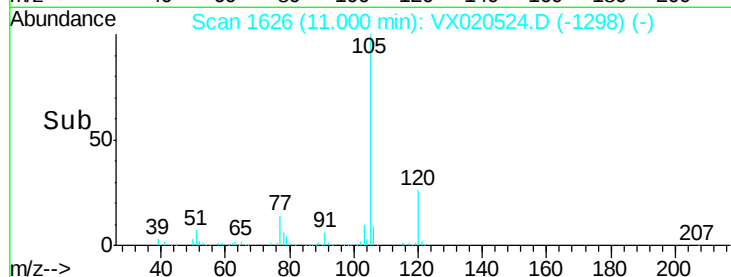
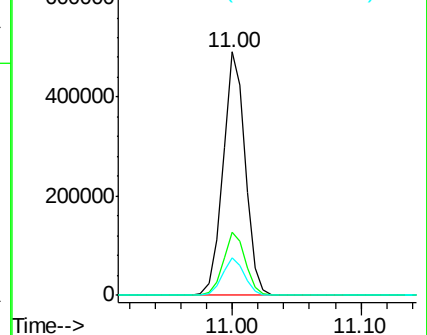
77 15.2 12.6 18.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 46.892 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

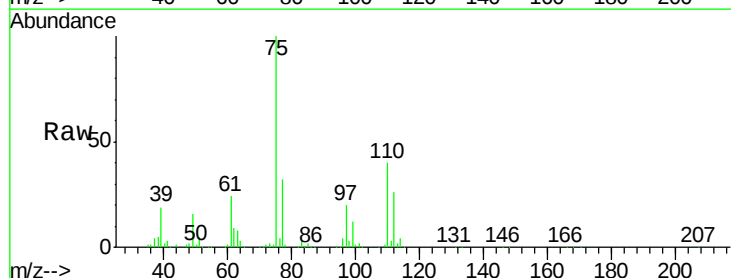
Tgt Ion: 75 Resp: 174177

Ion Ratio Lower Upper

75 100

77 31.9 26.2 39.2

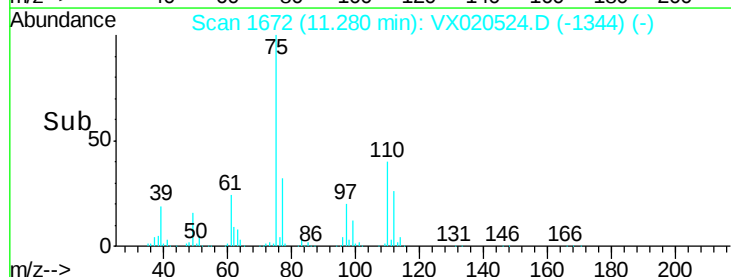
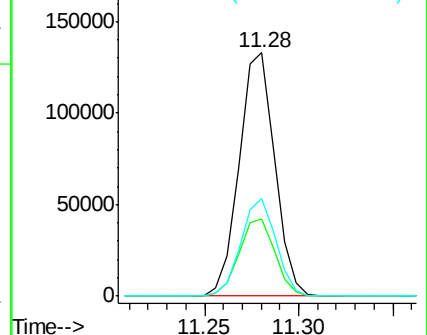
110 39.6 31.8 47.8

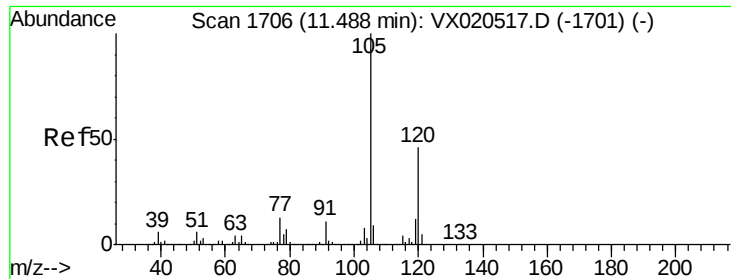


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V

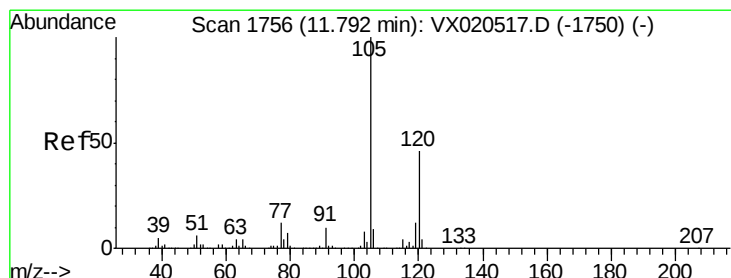
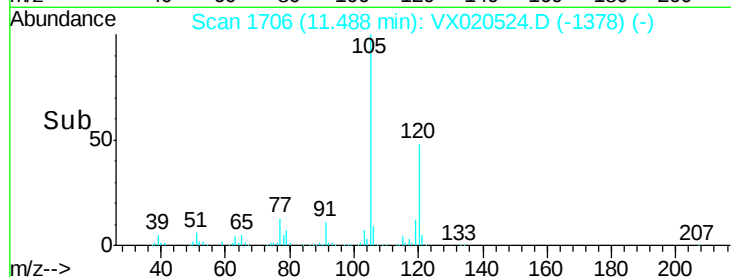
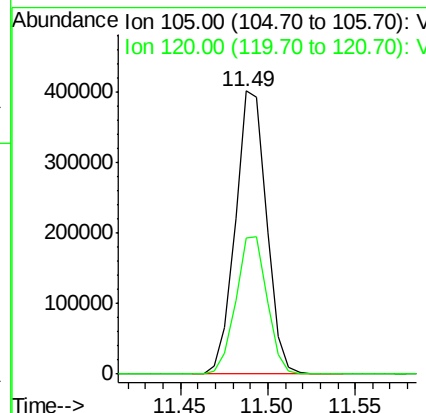
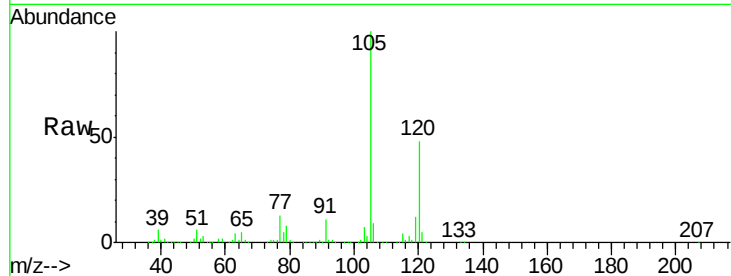




#62
 1,3,5-Trimethylbenzene
 Concen: 50.857 ug/L
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX020524.D
 Acq: 06 Jan 2021 17:29

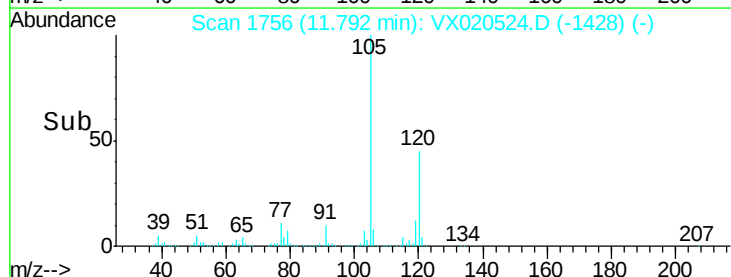
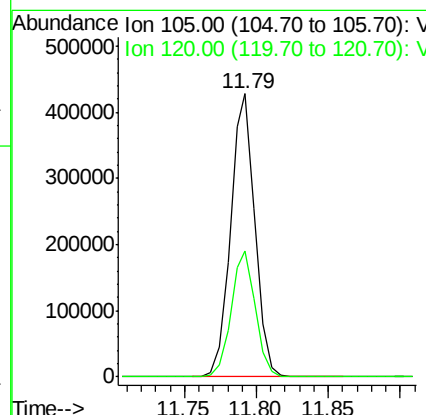
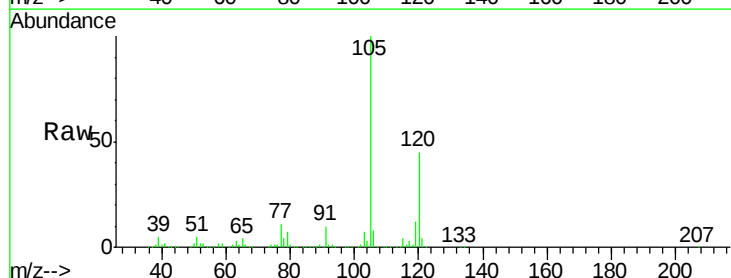
Instrument :
 MSVOA_X
 ClientSampled :
 VICV402

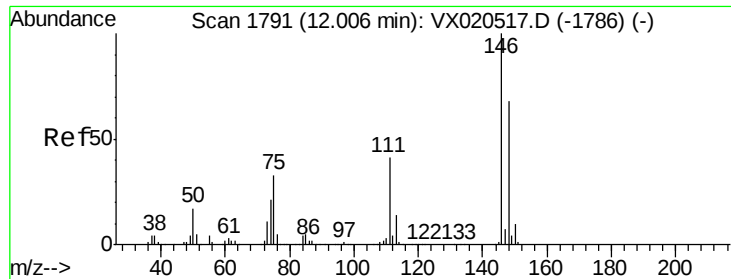
Tgt Ion:105 Resp: 497972
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.0 57.0



#63
 1,2,4-Trimethylbenzene
 Concen: 51.232 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX020524.D
 Acq: 06 Jan 2021 17:29

Tgt Ion:105 Resp: 506354
 Ion Ratio Lower Upper
 105 100
 120 44.1 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 47.836 ug/L

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampled :

VICV402

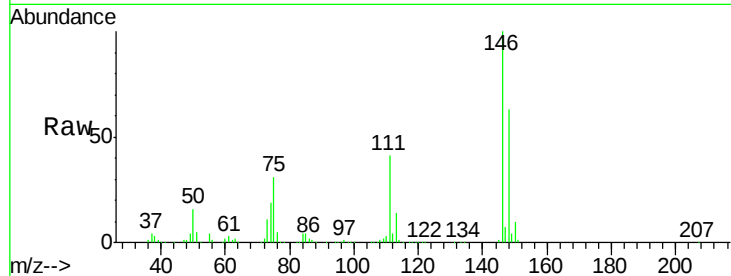
Tgt Ion:146 Resp: 267932

Ion Ratio Lower Upper

146 100

111 41.2 28.9 53.7

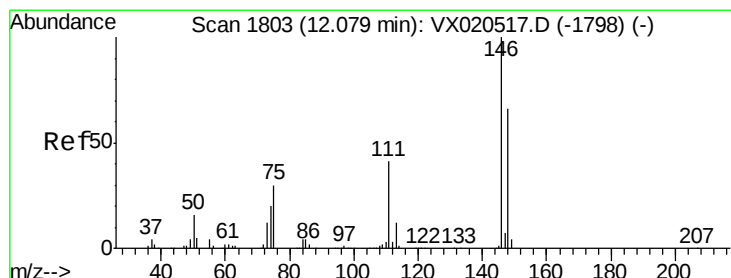
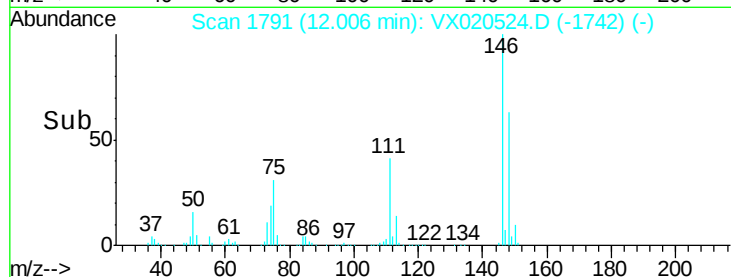
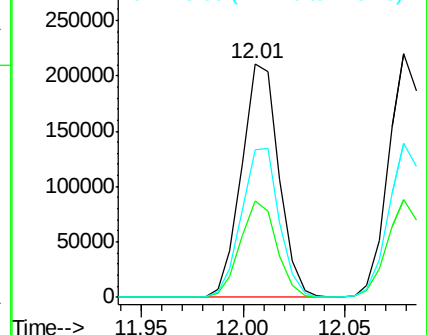
148 63.2 47.7 88.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#65

1,4-Dichlorobenzene

Concen: 47.485 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

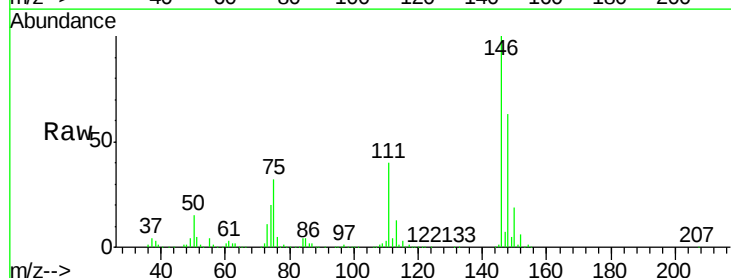
Tgt Ion:146 Resp: 268727

Ion Ratio Lower Upper

146 100

111 40.3 28.7 53.3

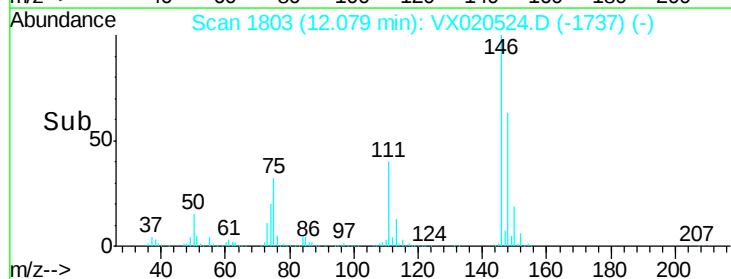
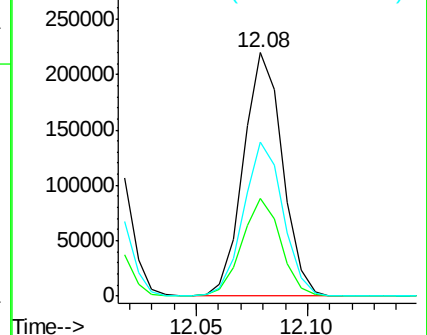
148 63.3 45.8 85.2

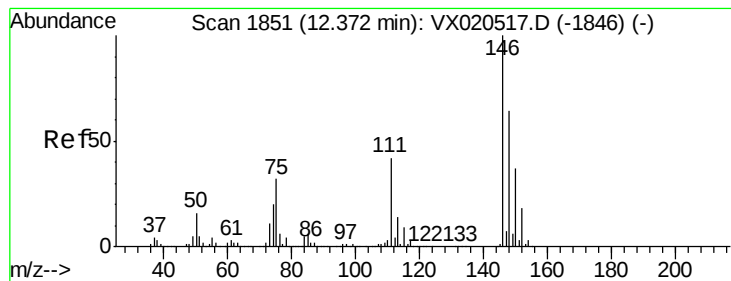


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#67

1,2-Dichlorobenzene

Concen: 49.958 ug/L

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

VICV402

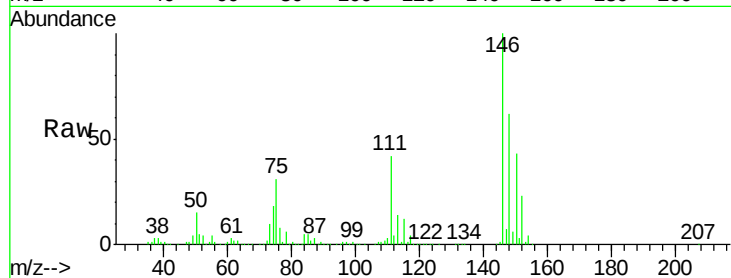
Tgt Ion:146 Resp: 278986

Ion Ratio Lower Upper

146 100

111 42.0 33.8 50.8

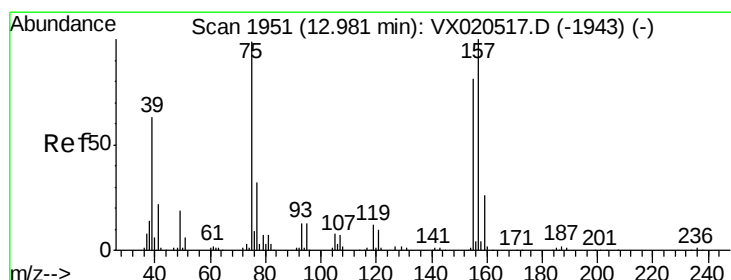
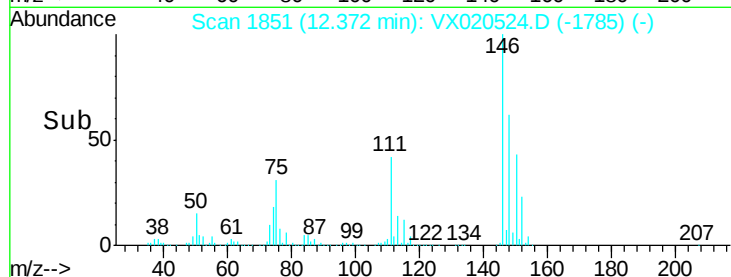
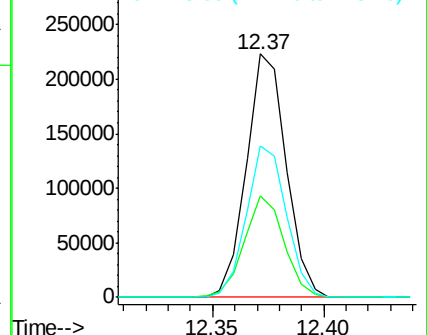
148 62.4 51.4 77.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#68

1,2-Dibromo-3-chloropropane

Concen: 48.422 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

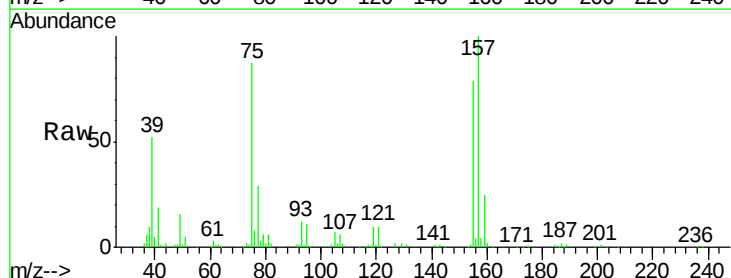
Tgt Ion: 75 Resp: 45493

Ion Ratio Lower Upper

75 100

155 90.1 65.3 97.9

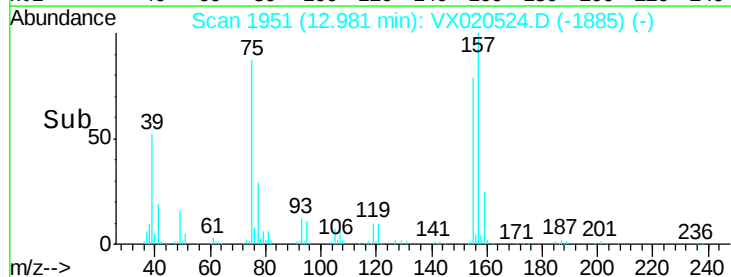
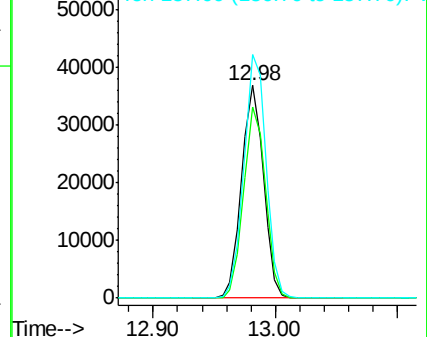
157 114.4 80.5 120.7

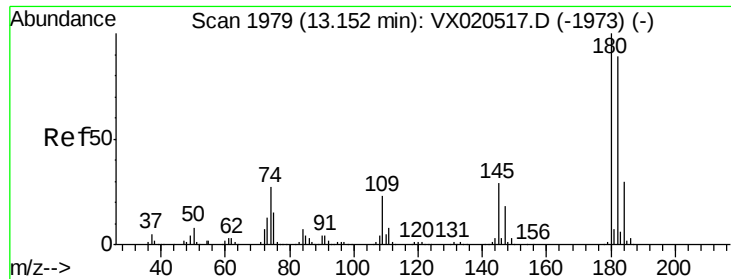


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

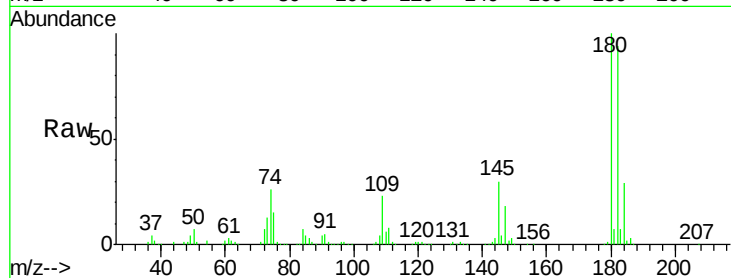




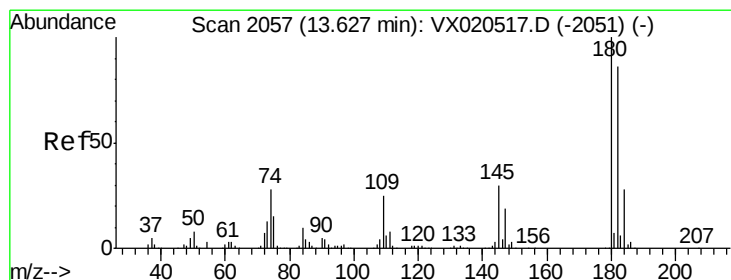
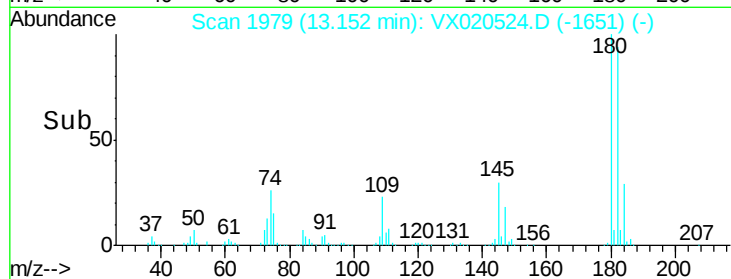
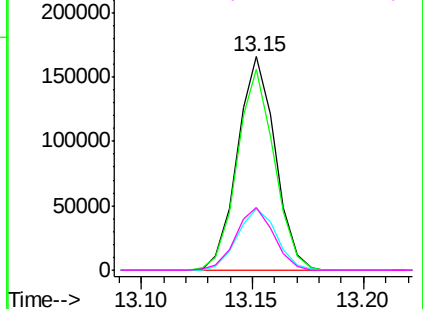
#69
 1,3,5-Trichlorobenzene
 Concen: 50.890 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX020524.D
 Acq: 06 Jan 2021 17:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV402

Tgt Ion:180 Resp: 195679
 Ion Ratio Lower Upper
 180 100
 182 92.9 74.8 112.2
 184 30.1 24.1 36.1
 145 29.7 23.7 35.5

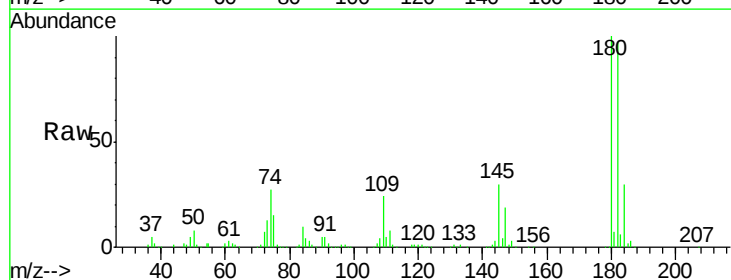


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

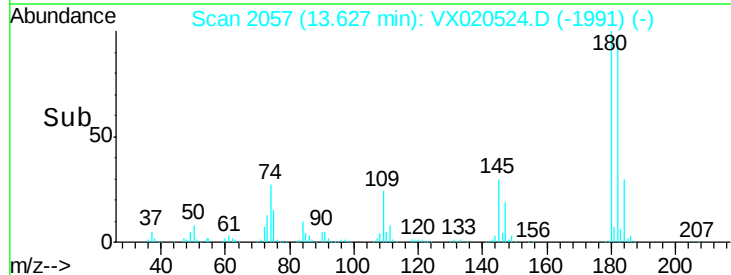
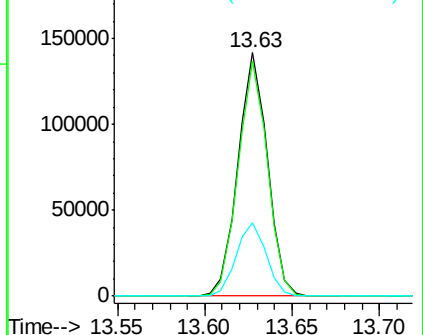


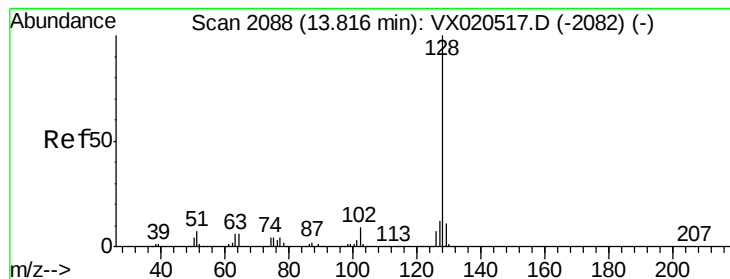
#70
 1,2,4-trichlorobenzene
 Concen: 50.060 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX020524.D
 Acq: 06 Jan 2021 17:29

Tgt Ion:180 Resp: 165734
 Ion Ratio Lower Upper
 180 100
 182 96.2 74.3 111.5
 145 30.8 24.1 36.1



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#71

Naphthalene

Concen: 52.954 ug/L

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

Instrument :

MSVOA_X

ClientSampleId :

VICV402

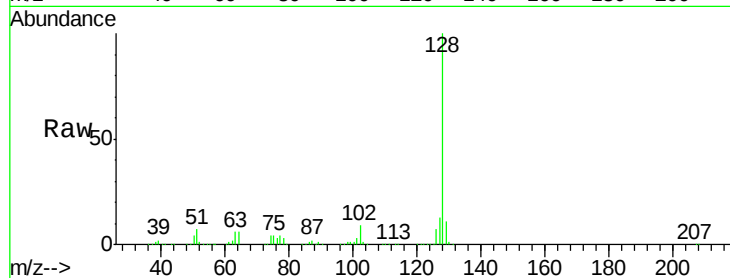
Tgt Ion:128 Resp: 579154

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

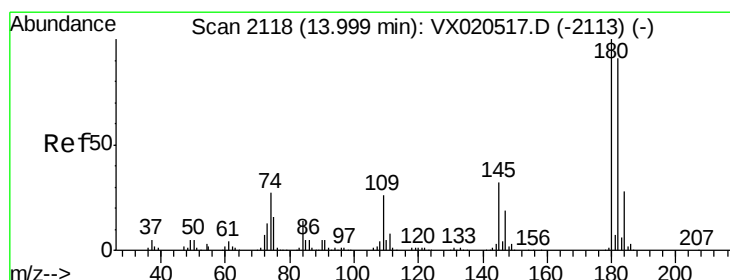
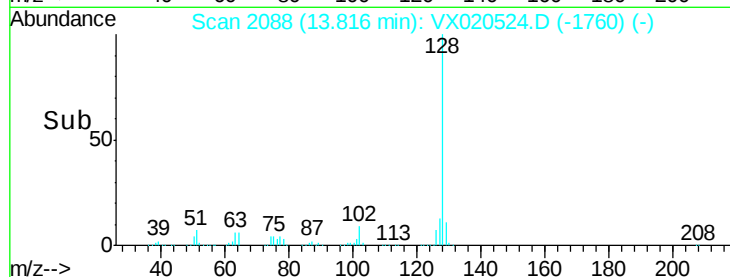
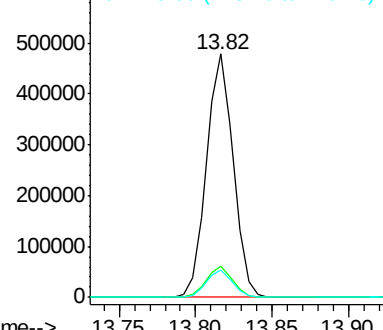
129 11.1 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#72

1,2,3-Trichlorobenzene

Concen: 49.862 ug/L

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX020524.D

Acq: 06 Jan 2021 17:29

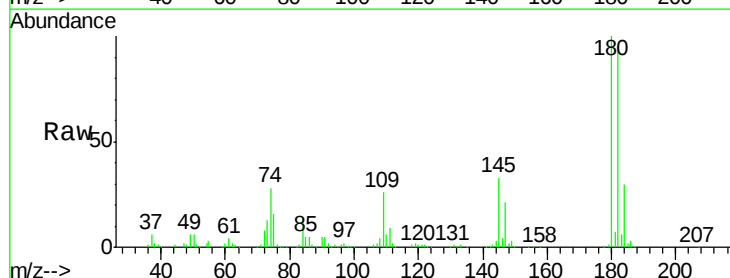
Tgt Ion:180 Resp: 169831

Ion Ratio Lower Upper

180 100

182 96.8 74.6 112.0

145 32.6 25.6 38.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

