

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010721\
 Data File : VX020526.D
 Acq On : 07 Jan 2021 09:58
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 08 00:52:04 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	6.82	114	346189	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	341665	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	170515	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	149740	53.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.68%
7) Chloroethane-d5	1.68	69	120825	55.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.16%
11) 1,1-Dichloroethene-d2	2.34	63	279931	53.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.78%
21) 2-Butanone-d5	4.53	46	174720	102.52	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.52%
24) Chloroform-d	5.14	84	270430	56.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.02%
26) 1,2-Dichloroethane-d4	6.03	65	172248	54.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	108.70%
32) Benzene-d6	6.04	84	562915	54.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	109.54%
36) 1,2-Dichloropropane-d6	7.37	67	172328	54.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.44%
41) Toluene-d8	8.69	98	503531	54.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.10%
43) trans-1,3-Dichloropropene-	8.99	79	83058	53.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.44%
47) 2-Hexanone-d5	9.42	63	138429	98.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.62%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	230905	52.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.62%
66) 1,2-Dichlorobenzene-d4	12.36	152	186271	55.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.46%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	172942	51.315	ug/L	100
3) Chloromethane	1.31	50	147808	48.729	ug/L	100
5) Vinyl chloride	1.39	62	162919	50.560	ug/L	100
6) Bromomethane	1.62	94	88447	54.265	ug/L	99
8) Chloroethane	1.71	64	95485	49.474	ug/L	99
9) Trichlorofluoromethane	1.92	101	217007	53.478	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	124380	49.296	ug/L	100
12) 1,1-Dichloroethene	2.36	96	123999	50.275	ug/L	98
13) Acetone	2.42	43	136089	97.429	ug/L	98
14) Carbon disulfide	2.55	76	395659	49.988	ug/L	98
15) Methyl Acetate	2.75	43	130380	46.878	ug/L	100
16) Methylene chloride	2.83	84	146363	49.632	ug/L	97
17) trans-1,2-Dichloroethene	3.14	96	133146	50.151	ug/L	97
18) Methyl tert-butyl Ether	3.17	73	405319	50.517	ug/L	100
19) 1,1-Dichloroethane	3.67	63	242197	50.430	ug/L	100
20) cis-1,2-Dichloroethene	4.56	96	143206	49.324	ug/L	97
22) 2-Butanone	4.63	43	191896	92.952	ug/L	98

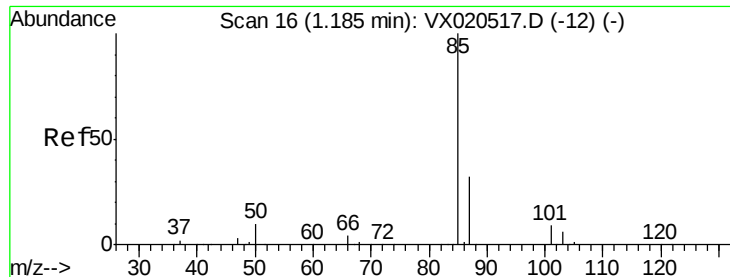
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010721\
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 Quant Title : VOC Analysis
 QLast Update : Wed Jan 06 17:45:17 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	75283	50.146	uq/L	95
25) Chloroform	5.17	83	259725	49.540	uq/L	98
27) 1,2-Dichloroethane	6.15	62	194033	50.194	uq/L	100
29) Cyclohexane	5.54	56	211297	50.159	uq/L	100
30) 1,1,1-Trichloroethane	5.45	97	219165	50.191	uq/L	99
31) Carbon tetrachloride	5.75	117	189710	51.380	uq/L	99
33) Benzene	6.10	78	567081	50.218	uq/L	100
34) Trichloroethene	7.18	95	143011	49.728	uq/L	99
35) Methylcyclohexane	7.43	83	224269	51.874	uq/L	100
37) 1,2-Dichloropropane	7.48	63	142021	49.578	uq/L	99
38) Bromodichloromethane	7.87	83	185240	50.359	uq/L	98
39) cis-1,3-Dichloropropene	8.41	75	214954	49.898	uq/L	97
40) 4-Methyl-2-pentanone	8.62	43	355864	94.556	uq/L	99
42) Toluene	8.76	91	596658	50.434	uq/L	100
44) trans-1,3-Dichloropropene	9.02	75	211760	50.352	uq/L	99
45) 1,1,2-Trichloroethane	9.20	97	139819	49.318	uq/L	98
46) Tetrachloroethene	9.32	164	110415	49.532	uq/L	98
48) 2-Hexanone	9.47	43	281463	94.642	uq/L	98
49) Dibromochloromethane	9.56	129	147458	50.728	uq/L	99
50) 1,2-Dibromoethane	9.65	107	143417	48.833	uq/L	98
51) Chlorobenzene	10.12	112	366435	48.923	uq/L	98
52) Ethylbenzene	10.23	91	640445	50.628	uq/L	100
53) m,p-Xylene	10.34	106	245985	52.047	uq/L	100
54) o-Xylene	10.68	106	235540	51.354	uq/L	98
55) Styrene	10.70	104	413498	53.252	uq/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	212899	47.323	uq/L	97
59) Bromoform	10.84	173	104070	48.861	uq/L	100
60) Isopropylbenzene	11.00	105	616272	51.258	uq/L	99
61) 1,2,3-Trichloropropane	11.27	75	174426	46.893	uq/L	100
62) 1,3,5-Trimethylbenzene	11.49	105	513751	52.395	uq/L	98
63) 1,2,4-Trimethylbenzene	11.79	105	522132	52.754	uq/L	99
64) 1,3-Dichlorobenzene	12.01	146	281297	50.152	uq/L	94
65) 1,4-Dichlorobenzene	12.08	146	282521	49.852	uq/L	97
67) 1,2-Dichlorobenzene	12.37	146	282689	50.550	uq/L	99
68) 1,2-Dibromo-3-chloropropan	12.98	75	45841	48.723	uq/L	95
69) 1,3,5-Trichlorobenzene	13.15	180	206235	53.560	uq/L	98
70) 1,2,4-trichlorobenzene	13.63	180	173770	52.413	uq/L	98
71) Naphthalene	13.82	128	596191	54.435	uq/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	183254	53.727	uq/L	99

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



#2

Dichlorodifluoromethane

Concen: 51.315 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

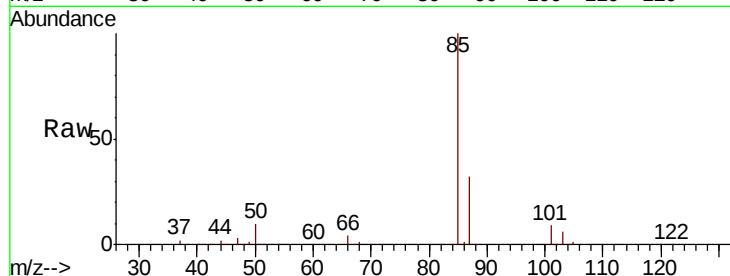
ClientSampleId :

Tot Ion: 85 Resp: 172942

Ion Ratio Lower Upper

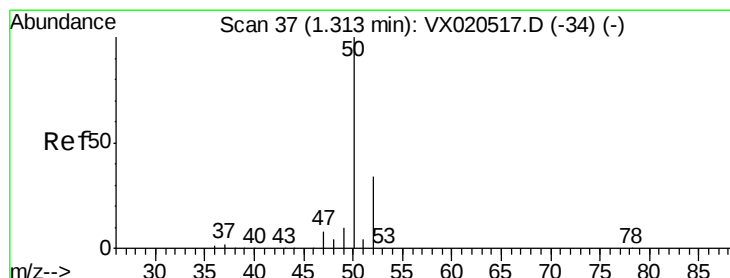
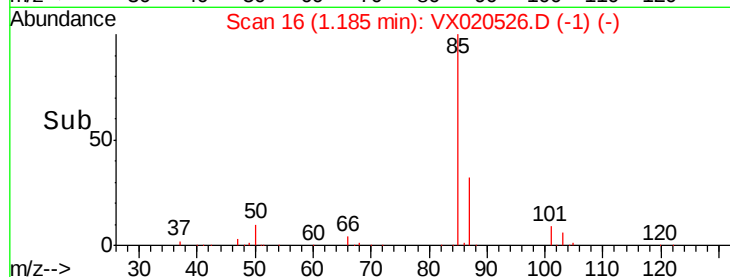
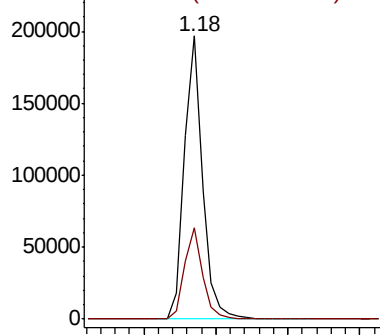
85 100

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



#3

Chloromethane

Concen: 48.729 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX020526.D

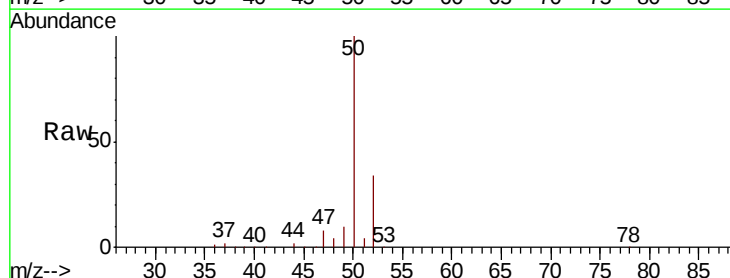
Acq: 07 Jan 2021 09:58

Tgt Ion: 50 Resp: 147808

Ion Ratio Lower Upper

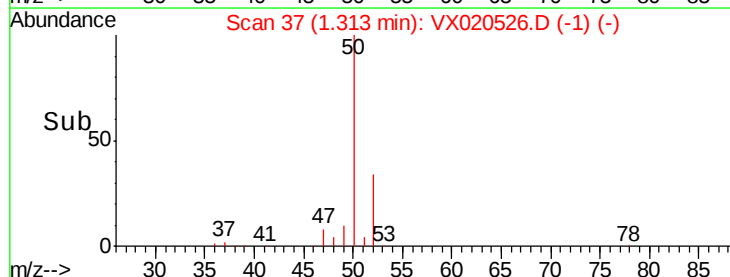
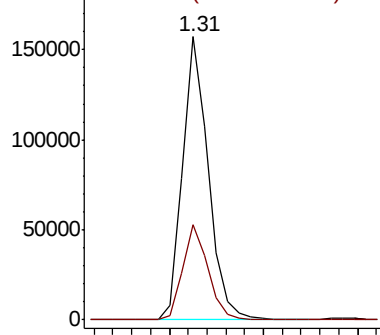
50 100

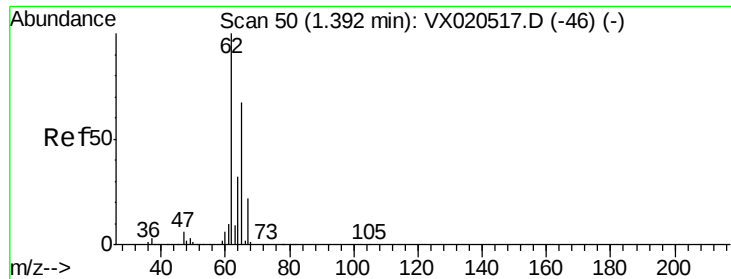
52 33.8 23.7 43.9



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#5

Vinyl chloride

Concen: 50.560 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

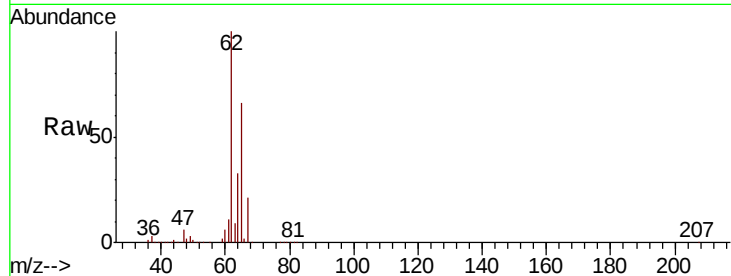
ClientSampleId :

Tot Ion: 62 Resp: 162919

Ion Ratio Lower Upper

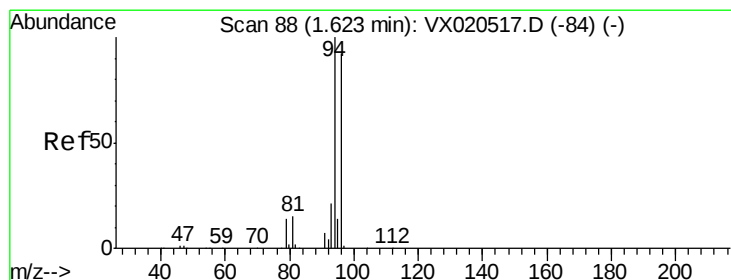
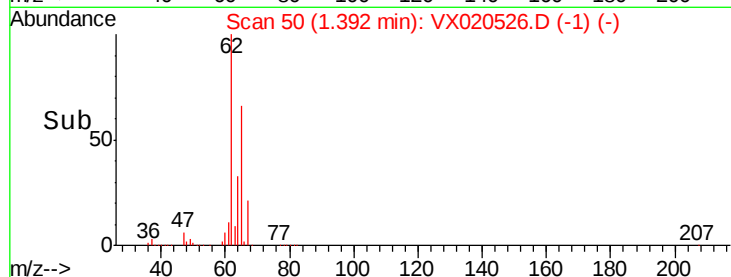
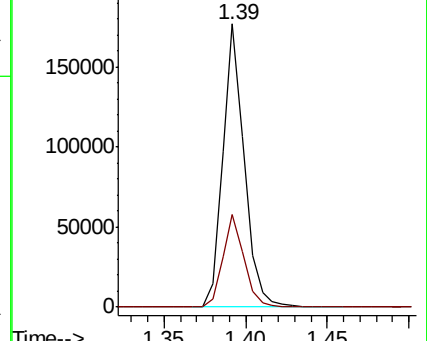
62 100

64 32.6 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0



#6

Bromomethane

Concen: 54.265 ug/L

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX020526.D

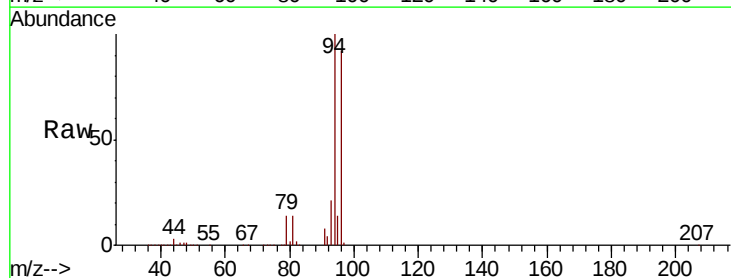
Acq: 07 Jan 2021 09:58

Tgt Ion: 94 Resp: 88447

Ion Ratio Lower Upper

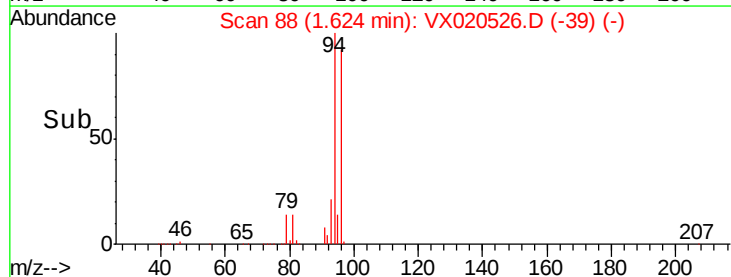
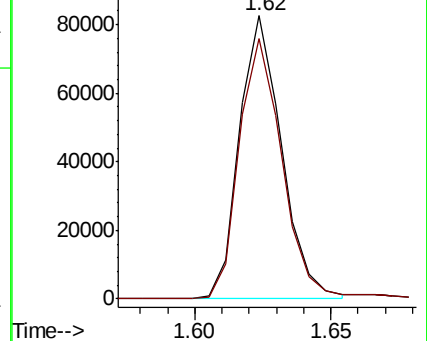
94 100

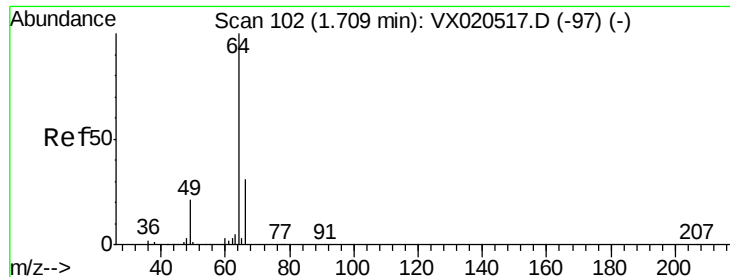
96 92.0 64.8 120.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0





#8

Chloroethane

Concen: 49.474 ug/L

RT: 1.71 min Scan# 102

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

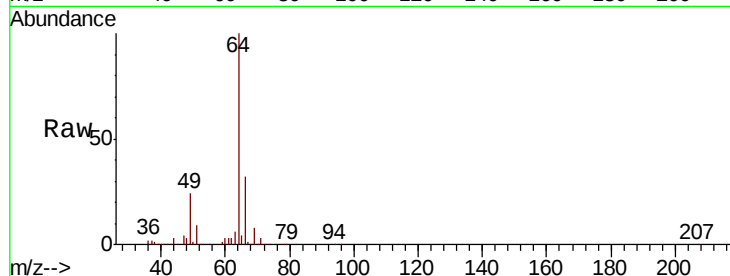
ClientSampled :

Tot Ion: 64 Resp: 95485

Ion Ratio Lower Upper

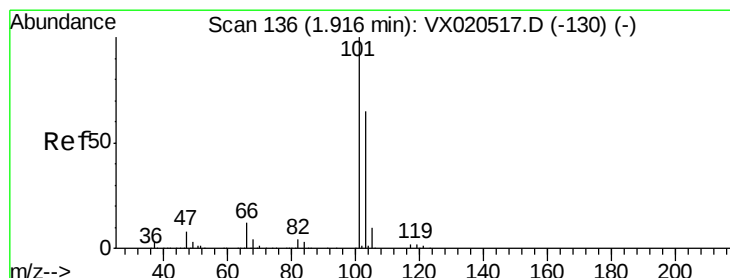
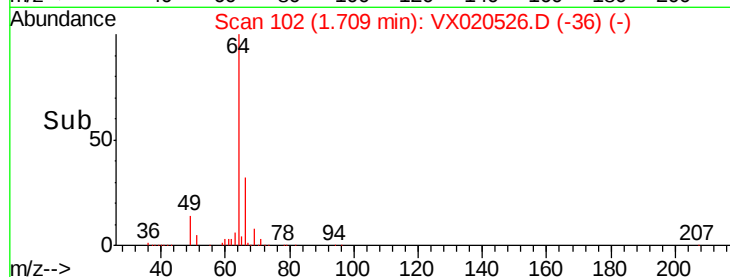
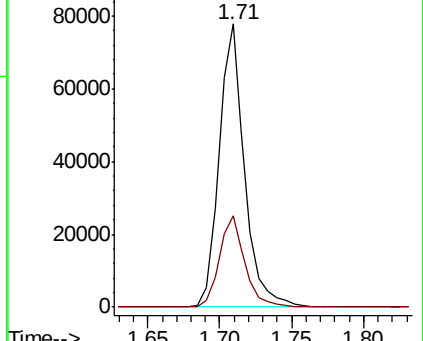
64 100

66 32.1 22.0 41.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



#9

Trichlorofluoromethane

Concen: 53.478 ug/L

RT: 1.92 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX020526.D

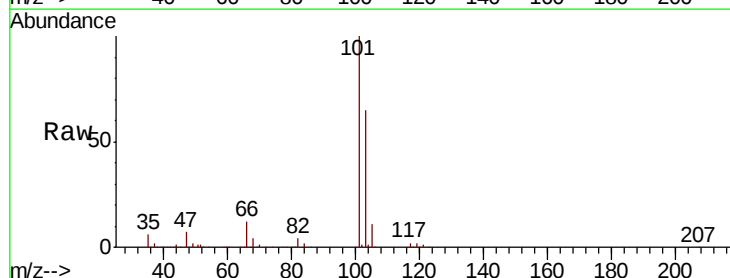
Acq: 07 Jan 2021 09:58

Tgt Ion:101 Resp: 217007

Ion Ratio Lower Upper

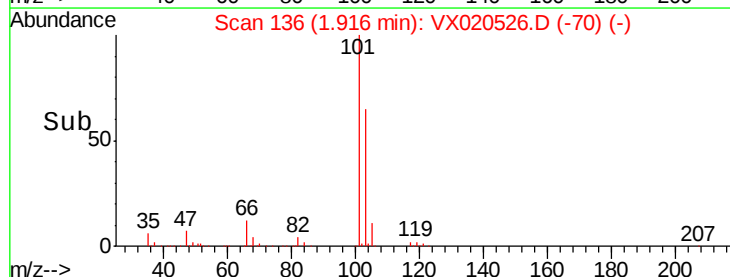
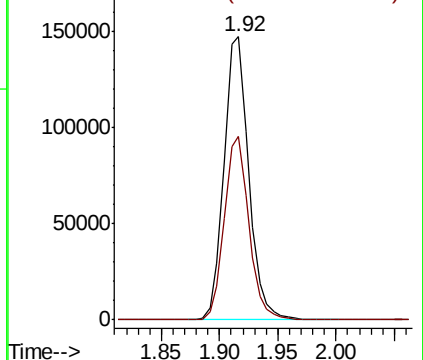
101 100

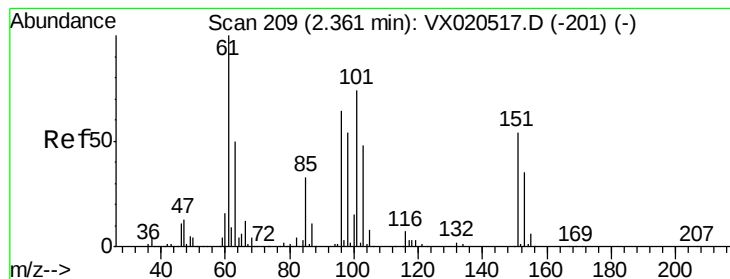
103 64.3 52.2 78.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V





#10

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

Concen: 49.296 ug/L

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

ClientSampled :

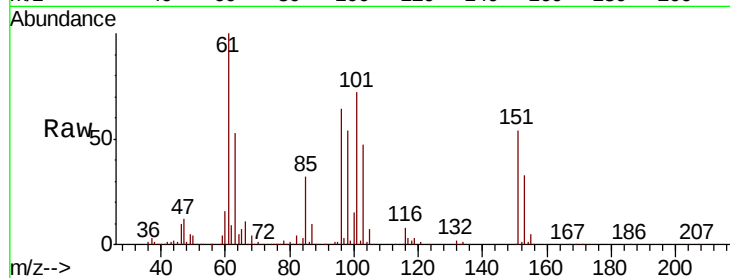
Tot Ion:101 Resp: 124380

Ion Ratio Lower Upper

101 100

85 43.3 34.3 51.5

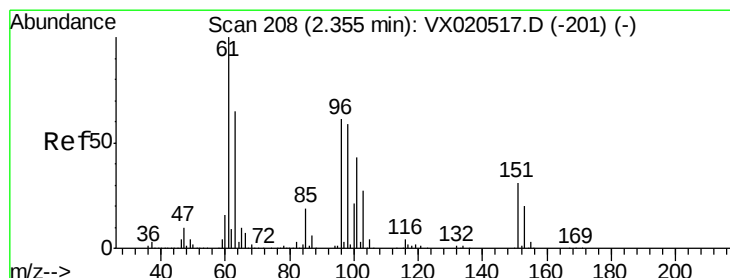
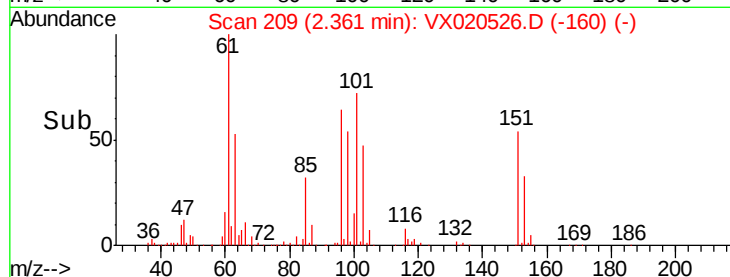
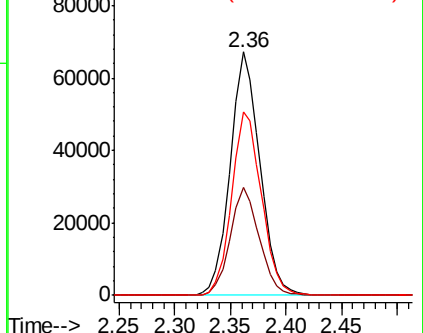
151 75.6 60.7 91.1



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: 50.275 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

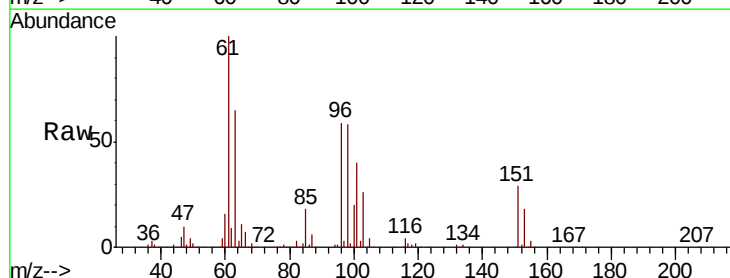
Tgt Ion: 96 Resp: 123999

Ion Ratio Lower Upper

96 100

61 168.7 115.5 214.5

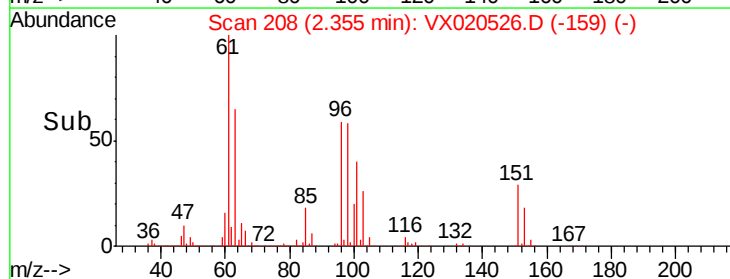
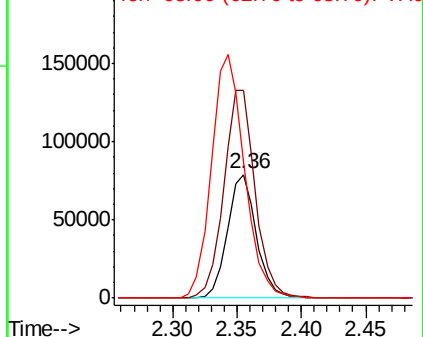
63 109.9 77.3 143.7

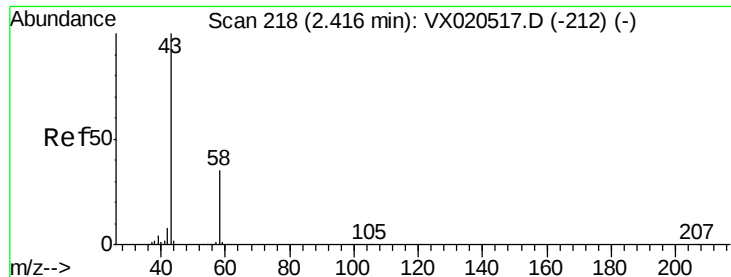


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 97.429 ug/L

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

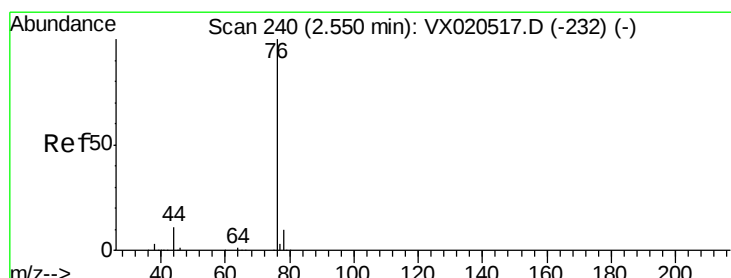
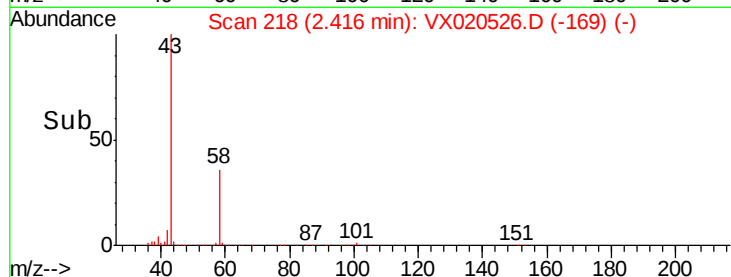
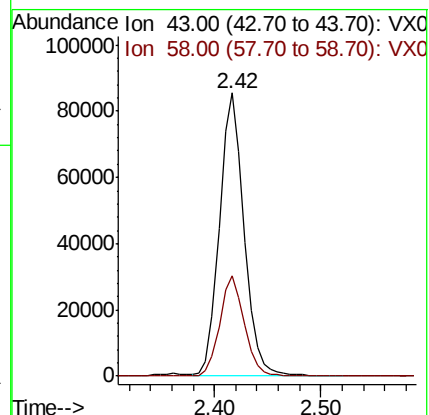
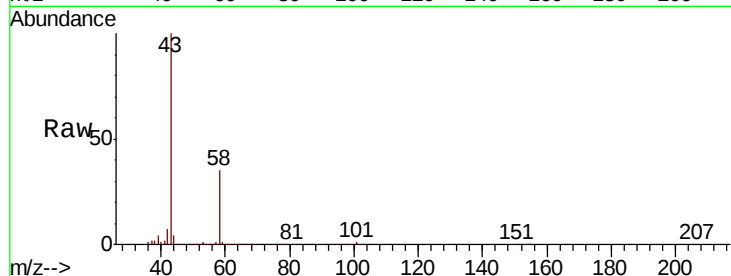
ClientSampleId :

Tot Ion: 43 Resp: 136089

Ion Ratio Lower Upper

43 100

58 35.4 0.0 68.2



#14

Carbon disulfide

Concen: 49.988 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX020526.D

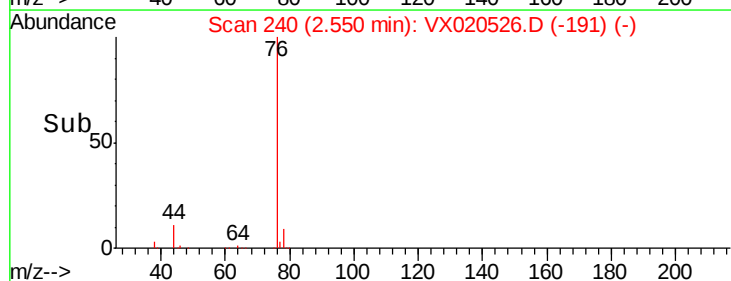
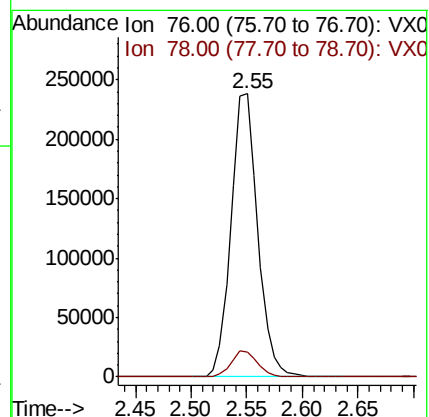
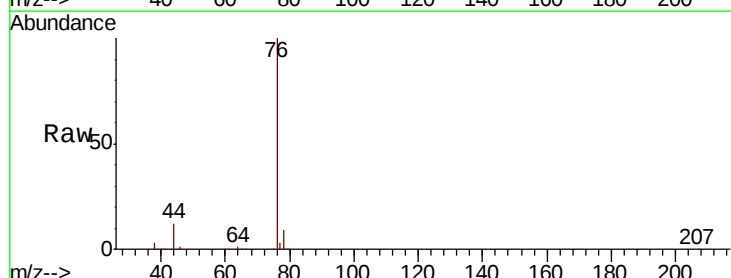
Acq: 07 Jan 2021 09:58

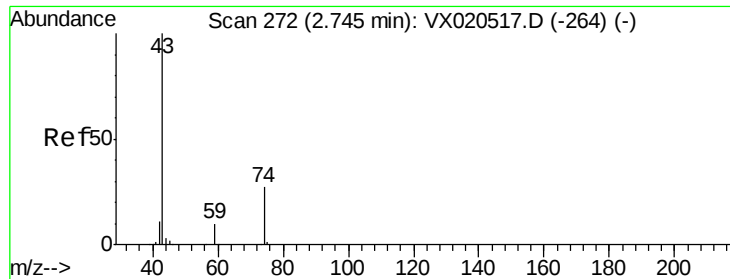
Tgt Ion: 76 Resp: 395659

Ion Ratio Lower Upper

76 100

78 8.9 7.6 11.4

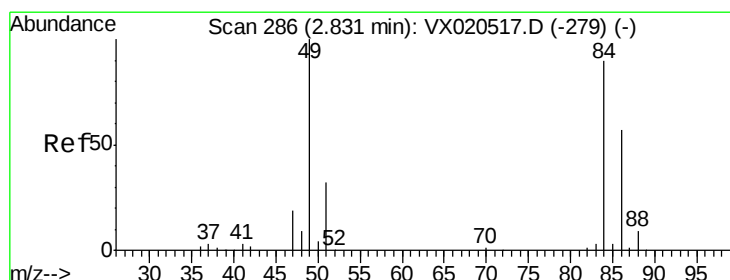
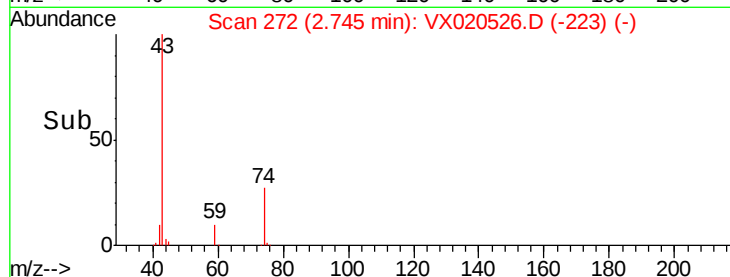
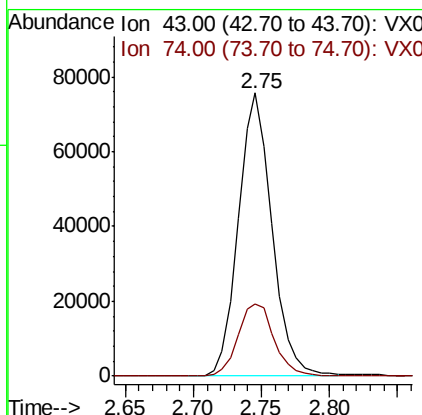
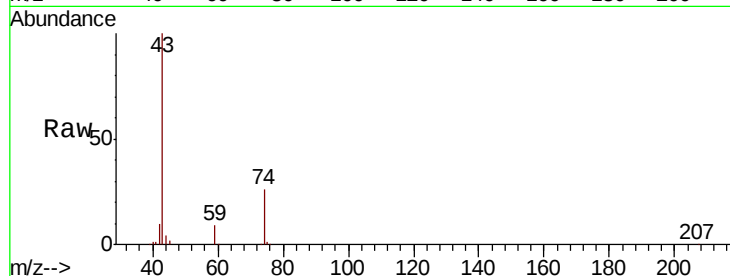




#15
Methvl Acetate
Concen: 46.878 ug/L
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX020526.D
Acq: 07 Jan 2021 09:58

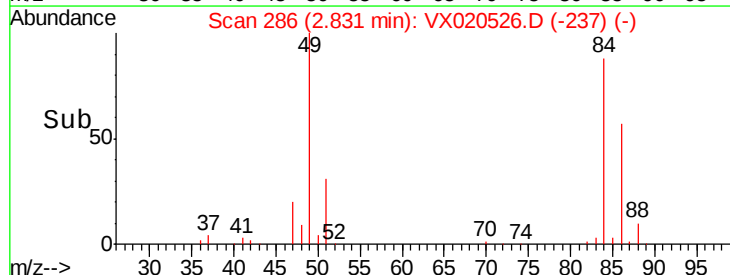
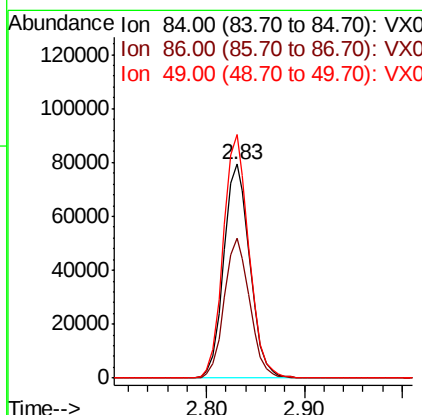
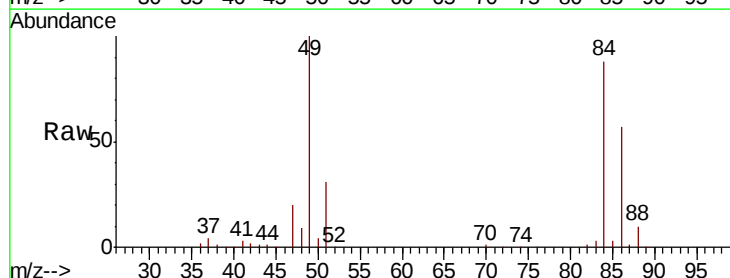
Instrument :
MSVOA_X
ClientSampleId :

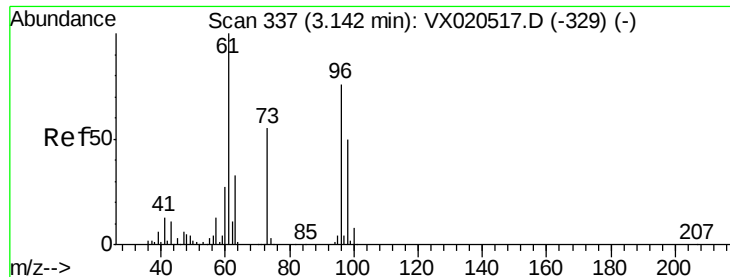
Tot Ion: 43 Resp: 130380
Ion Ratio Lower Upper
43 100
74 27.2 21.7 32.5



#16
Methylene chloride
Concen: 49.632 ug/L
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020526.D
Acq: 07 Jan 2021 09:58

Tgt Ion: 84 Resp: 146363
Ion Ratio Lower Upper
84 100
86 65.3 44.2 82.0
49 113.8 77.8 144.6





#17

trans-1,2-Dichloroethene

Concen: 50.151 ug/L

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

ClientSampleId :

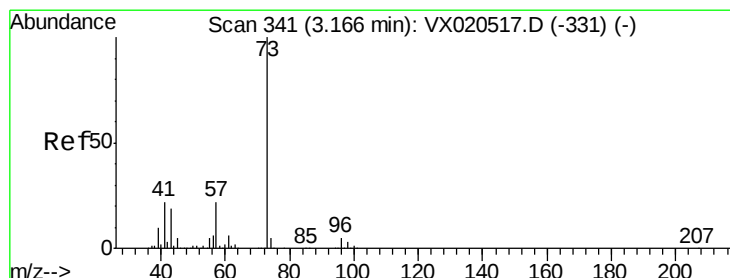
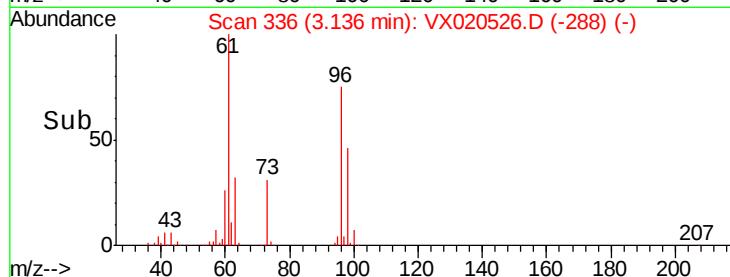
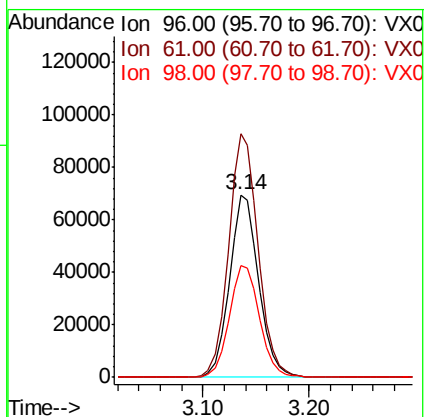
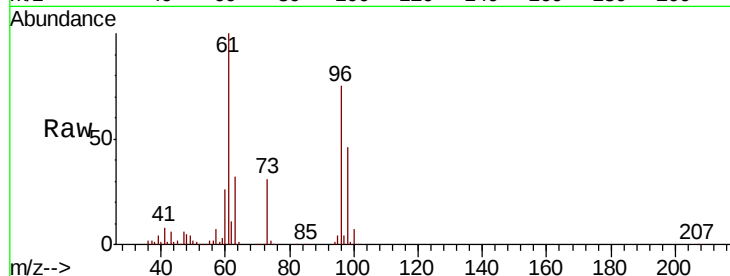
Tot Ion: 96 Resp: 133146

Ion Ratio Lower Upper

96 100

61 133.5 92.3 171.3

98 61.6 46.3 85.9



#18

Methyl tert-butyl Ether

Concen: 50.517 ug/L

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

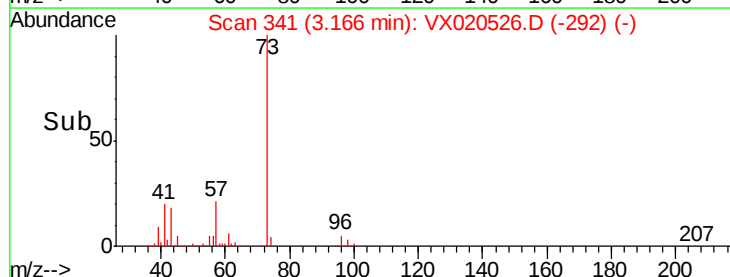
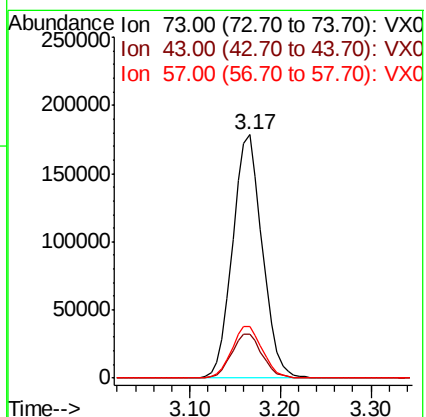
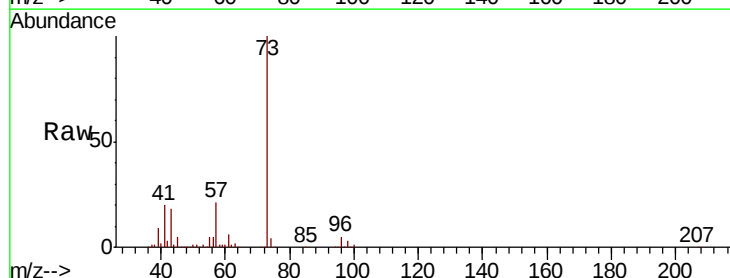
Tgt Ion: 73 Resp: 405319

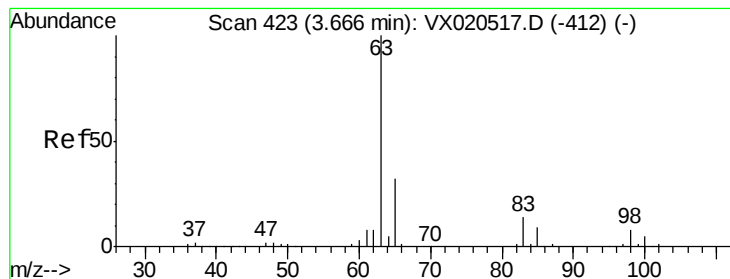
Ion Ratio Lower Upper

73 100

43 18.7 15.1 22.7

57 21.7 17.4 26.2





#19

1,1-Dichloroethane

Concen: 50.430 ug/L

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

ClientSampleId :

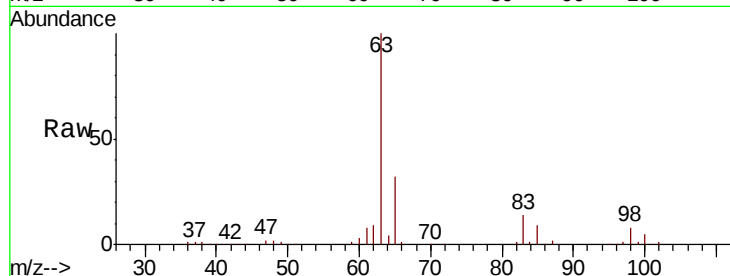
Tot Ion: 63 Resp: 242197

Ion Ratio Lower Upper

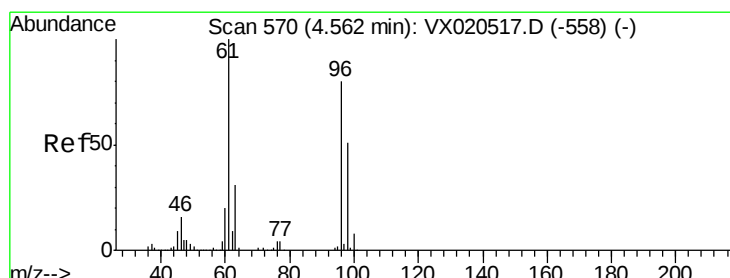
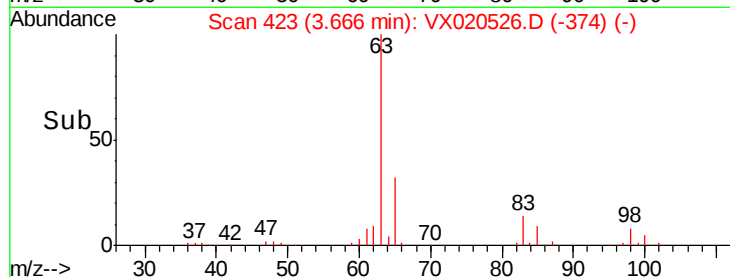
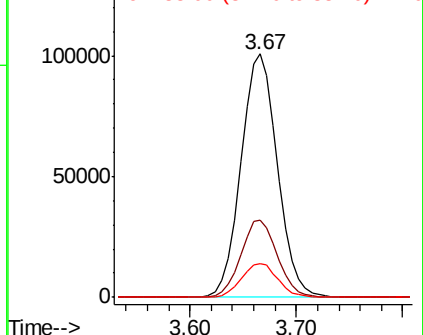
63 100

65 31.9 22.4 41.6

83 14.0 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: 49.324 ug/L

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

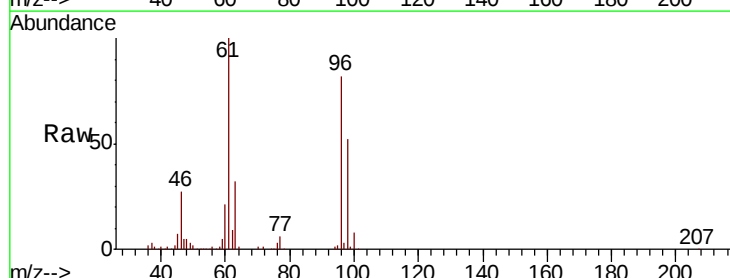
Tgt Ion: 96 Resp: 143206

Ion Ratio Lower Upper

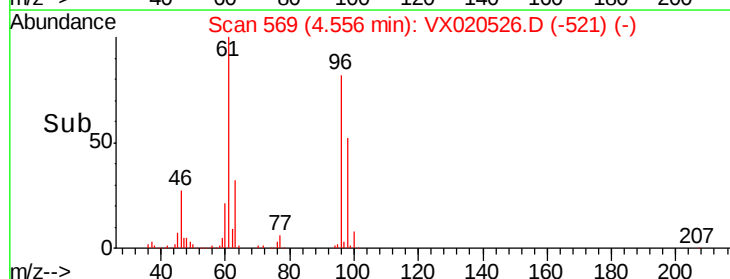
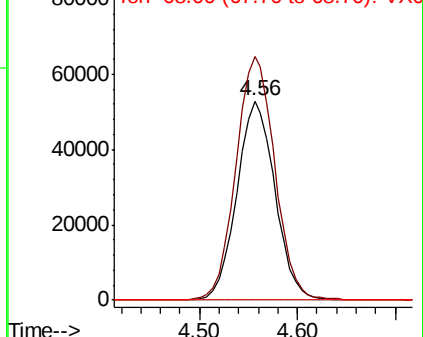
96 100

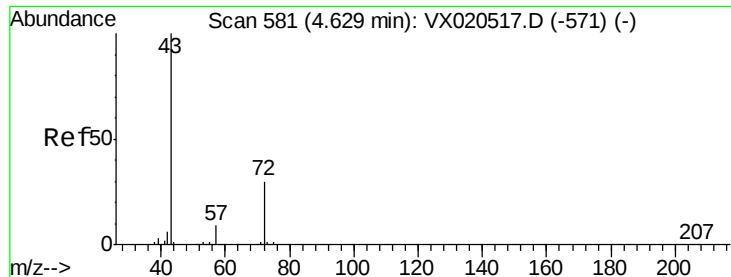
61 122.1 87.8 163.0

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: 92.952 ug/L

RT: 4.63 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

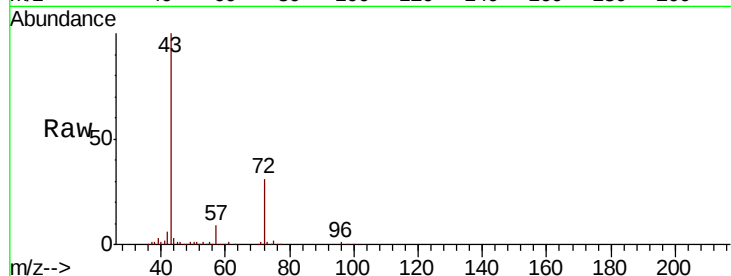
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 191896

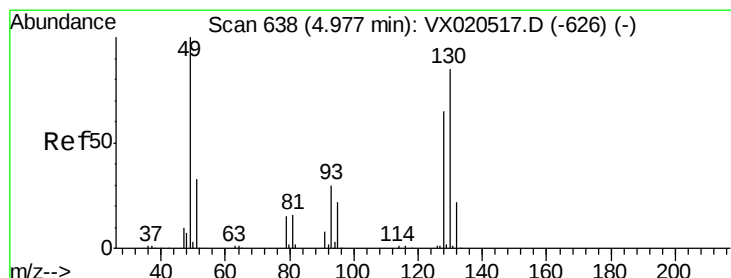
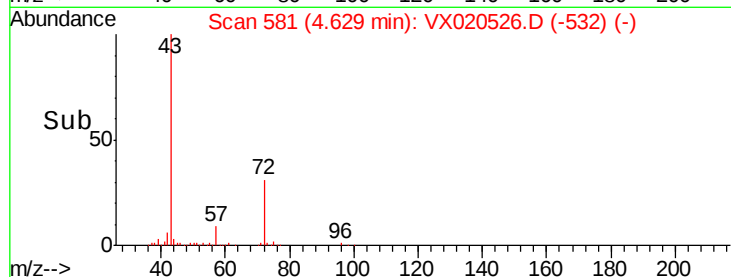
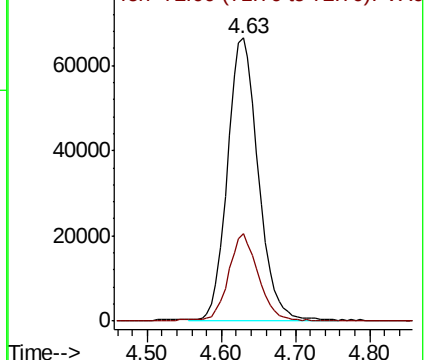
Ion Ratio Lower Upper

43 100

72 29.6 15.3 45.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#23

Bromochloromethane

Concen: 50.146 ug/L

RT: 4.98 min Scan# 638

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Tgt Ion:128 Resp: 75283

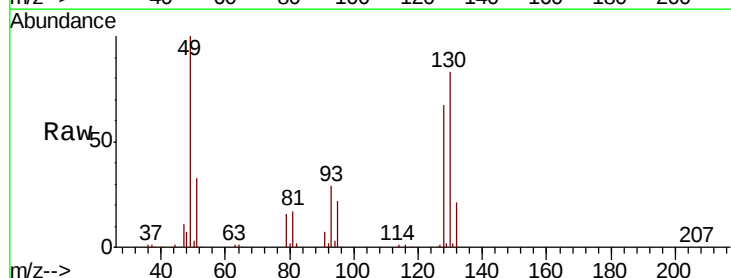
Ion Ratio Lower Upper

128 100

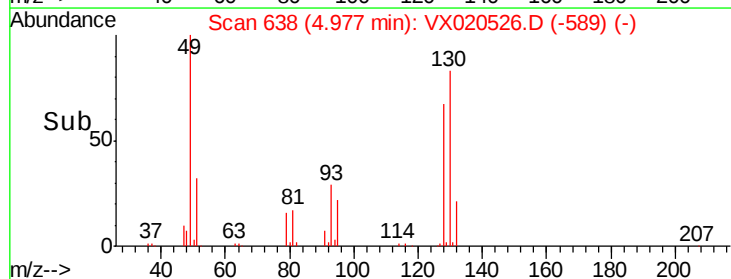
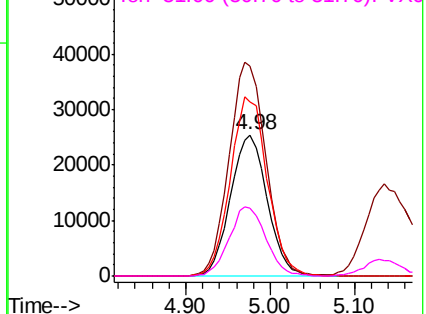
49 148.3 107.5 199.7

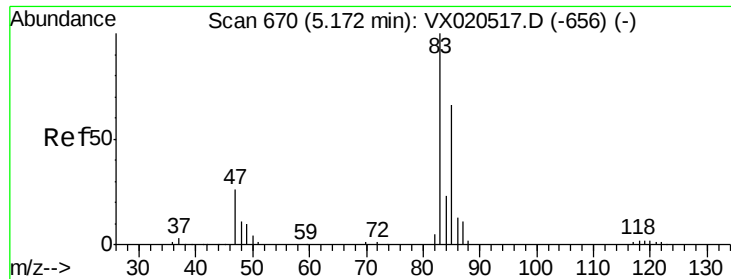
130 123.6 91.1 169.3

51 48.2 40.3 60.5



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V
Ion 51.00 (50.70 to 51.70): VX0

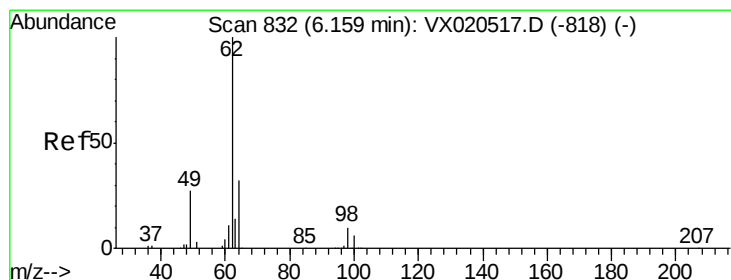
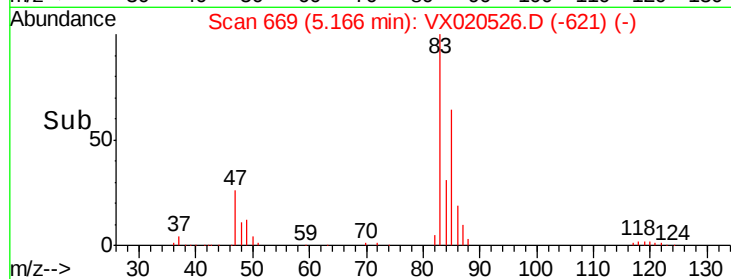
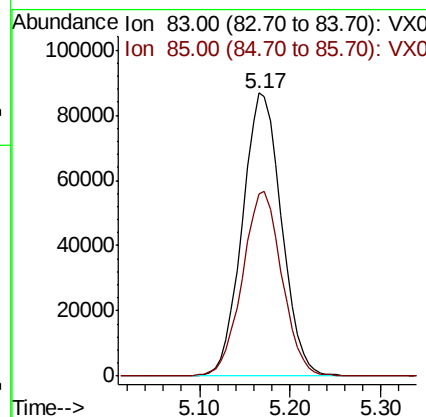
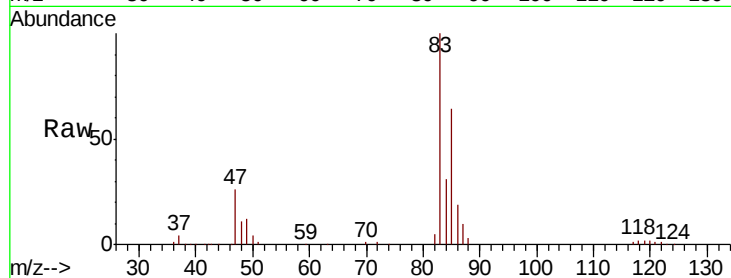




#25
Chloroform
Concen: 49.540 ug/L
RT: 5.17 min Scan# 669
Delta R.T. -0.01 min
Lab File: VX020526.D
Acq: 07 Jan 2021 09:58

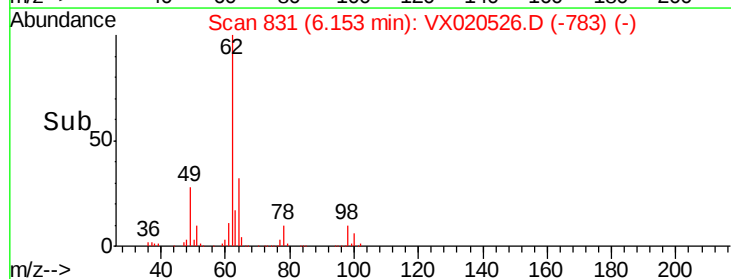
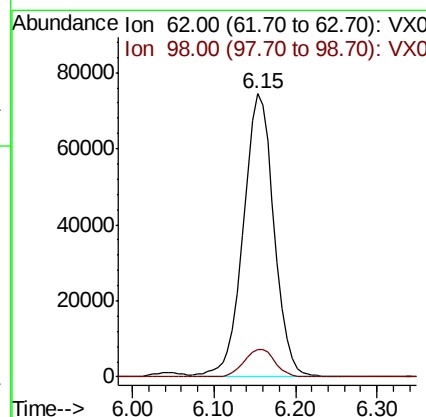
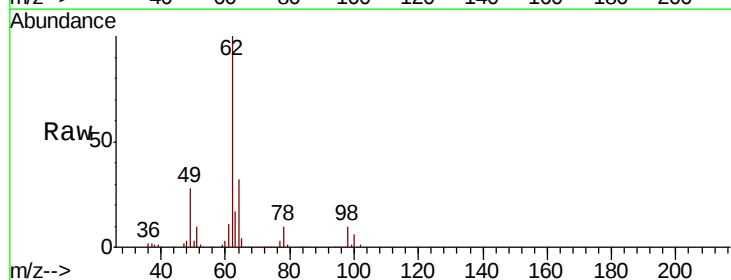
Instrument :
MSVOA_X
ClientSampled :

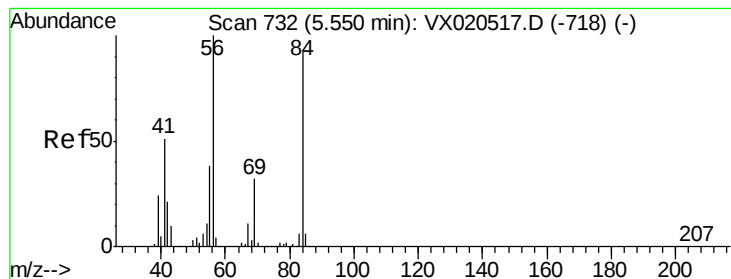
Tot Ion: 83 Resp: 259725
Ion Ratio Lower Upper
83 100
85 64.4 46.3 85.9



#27
1,2-Dichloroethane
Concen: 50.194 ug/L
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX020526.D
Acq: 07 Jan 2021 09:58

Tgt Ion: 62 Resp: 194033
Ion Ratio Lower Upper
62 100
98 9.8 7.9 11.9





#29

Cyclohexane

Concen: 50.159 ug/L

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

ClientSampleId :

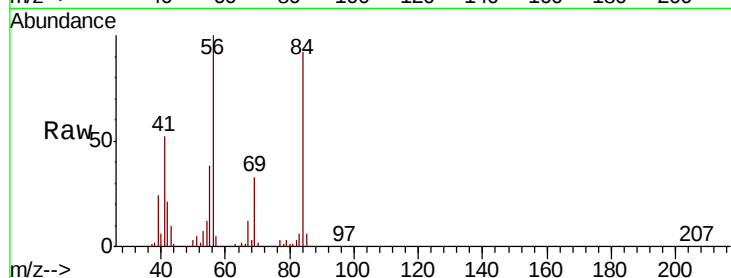
Tot Ion: 56 Resp: 211297

Ion Ratio Lower Upper

56 100

69 32.4 25.7 38.5

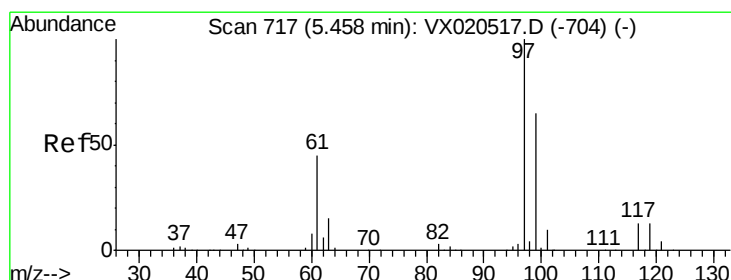
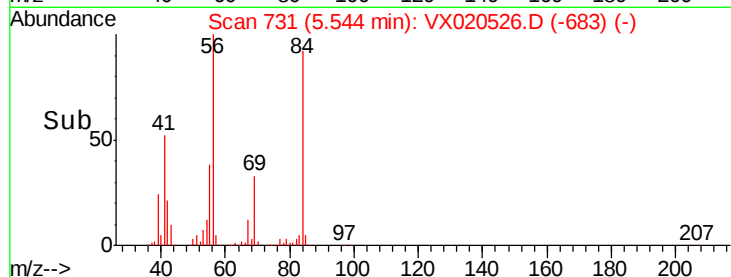
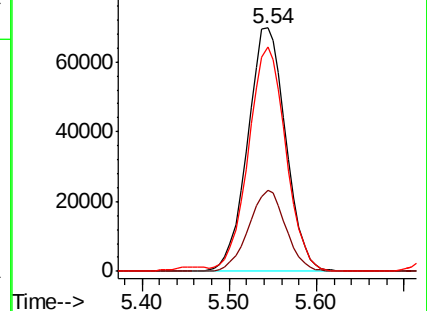
84 90.4 72.4 108.6



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: 50.191 ug/L

RT: 5.45 min Scan# 716

Delta R.T. -0.01 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

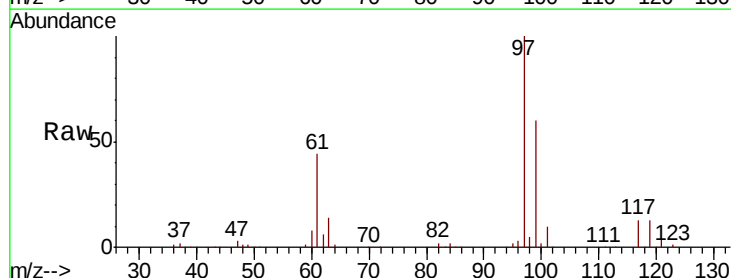
Tgt Ion: 97 Resp: 219165

Ion Ratio Lower Upper

97 100

99 63.6 52.1 78.1

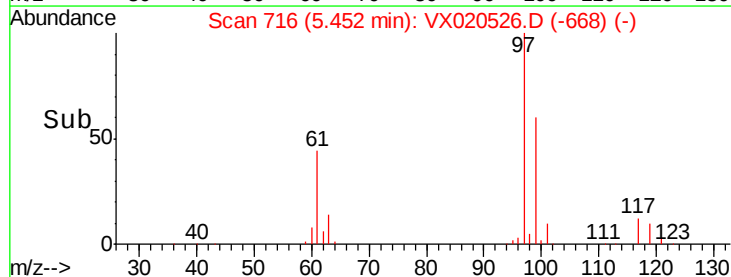
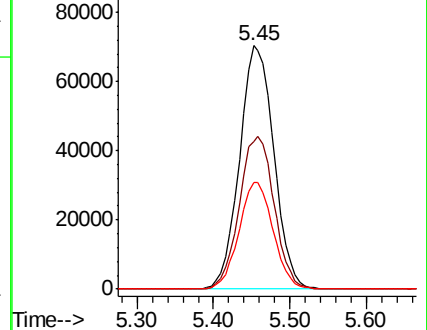
61 43.7 35.3 52.9

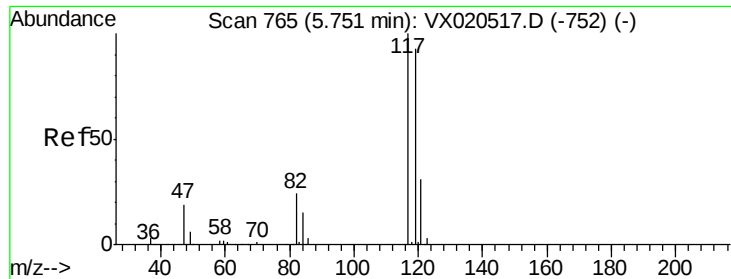


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.05 (60.75 to 61.75): VX0



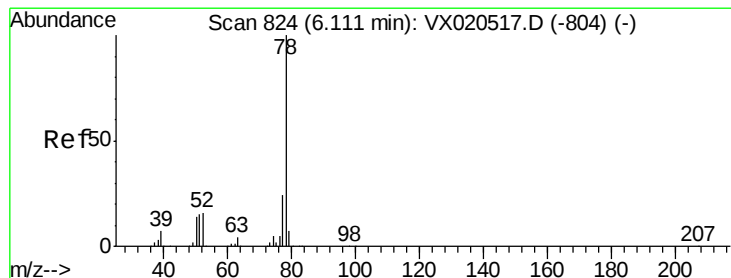
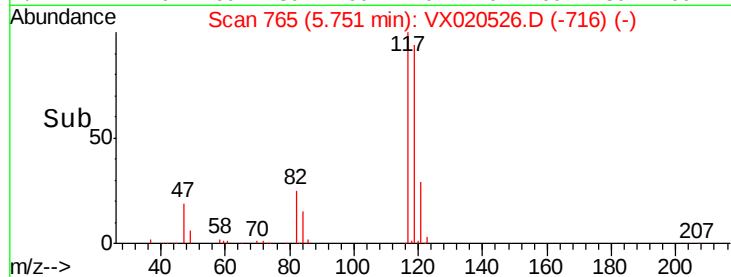
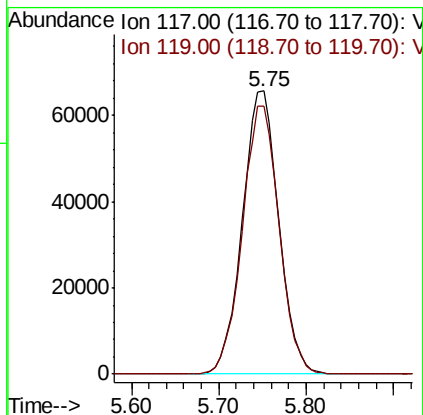
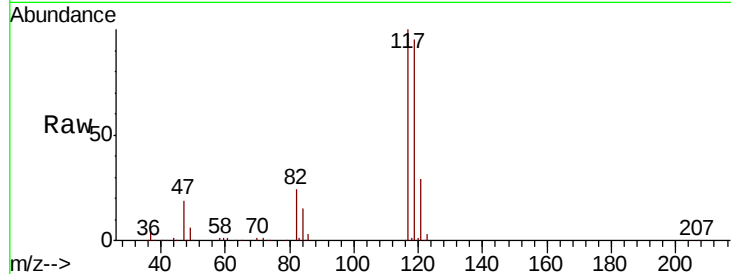


#31

Carbon tetrachloride
 Concen: 51.380 ug/L
 RT: 5.75 min Scan# 765
 Delta R.T. 0.00 min
 Lab File: VX020526.D
 Acq: 07 Jan 2021 09:58

Instrument :
 MSVOA_X
 ClientSampleId :

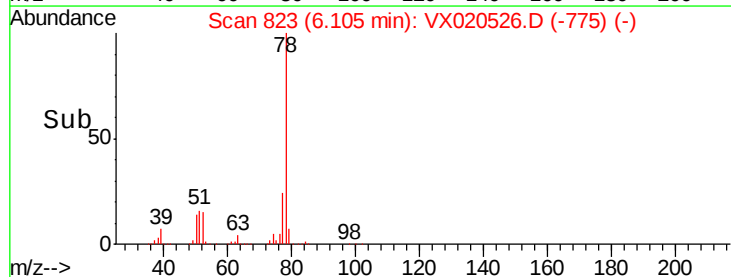
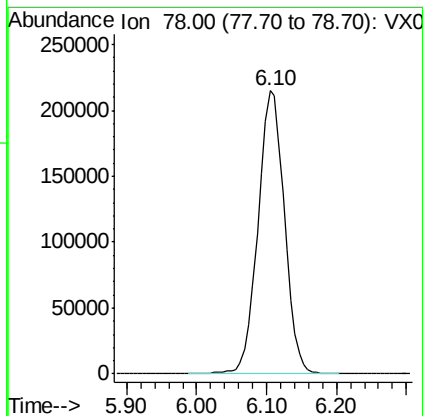
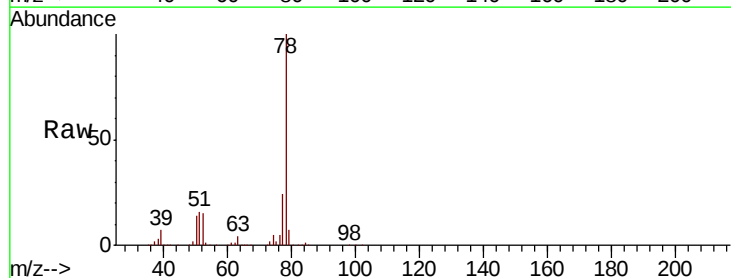
Tot Ion:117 Resp: 189710
 Ion Ratio Lower Upper
 117 100
 119 95.6 77.5 116.3

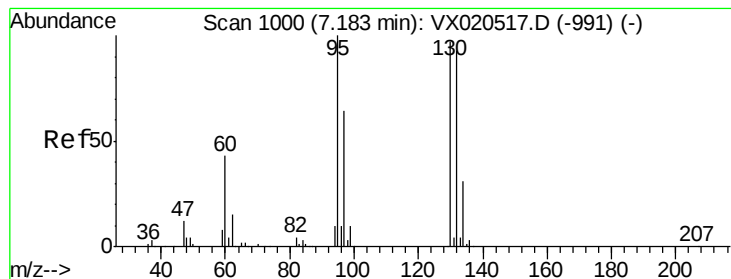


#33

Benzene
 Concen: 50.218 ug/L
 RT: 6.10 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: VX020526.D
 Acq: 07 Jan 2021 09:58

Tgt Ion: 78 Resp: 567081





#34

Trichloroethene

Concen: 49.728 ug/L

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 95 Resp: 143011

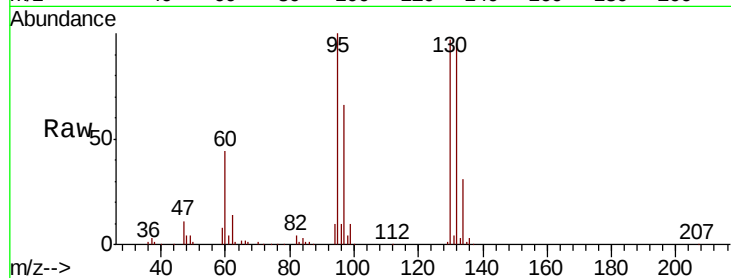
Ion Ratio Lower Upper

95 100

97 65.6 44.5 82.7

132 94.8 65.2 121.0

130 97.2 67.7 125.7

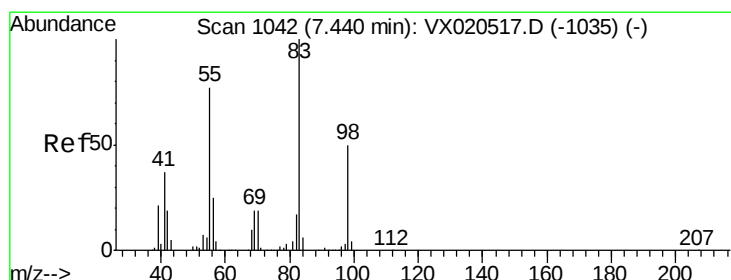
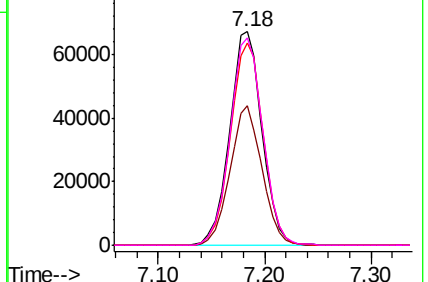
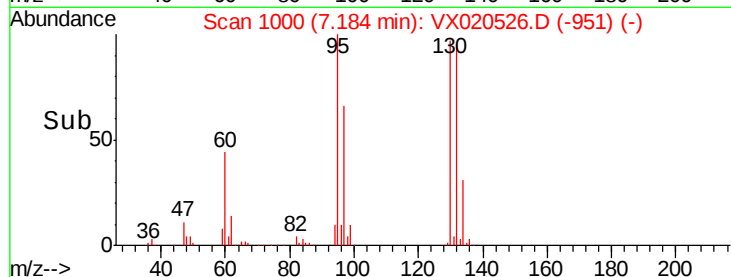


Abundance Ion 95.00 (94.70 to 95.70): VX0

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: 51.874 ug/L

RT: 7.43 min Scan# 1041

Delta R.T. -0.01 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

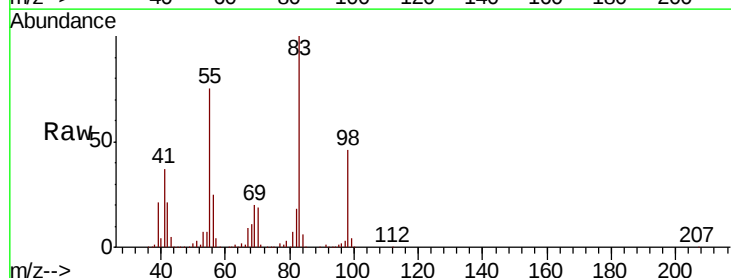
Tgt Ion: 83 Resp: 224269

Ion Ratio Lower Upper

83 100

55 76.7 61.2 91.8

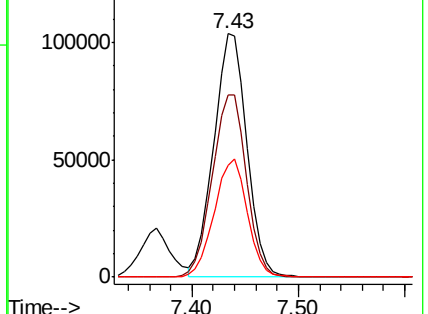
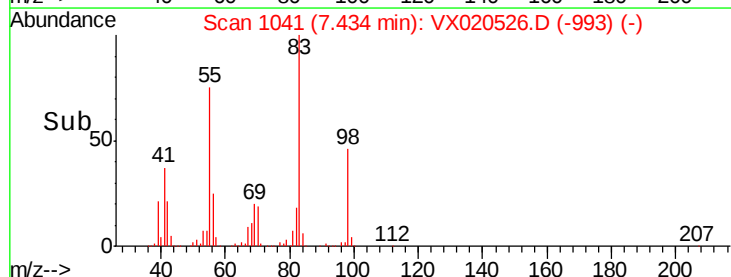
98 48.5 38.7 58.1

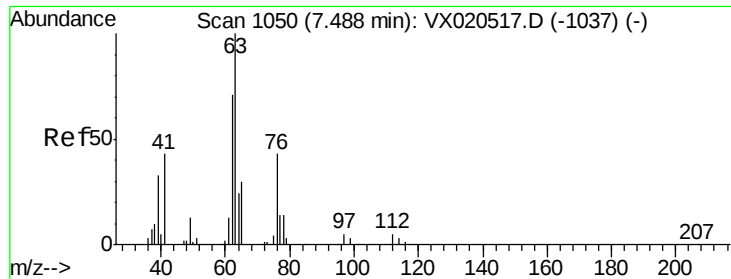


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

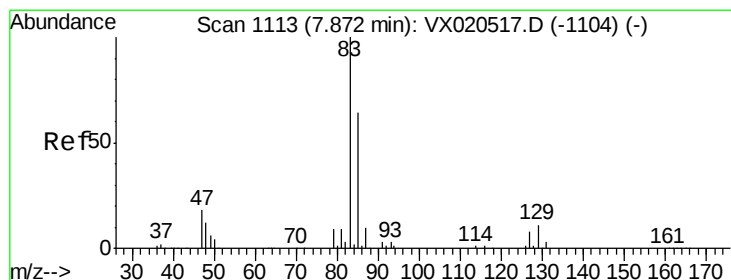
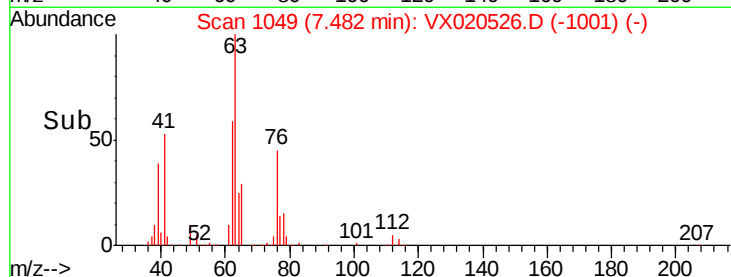
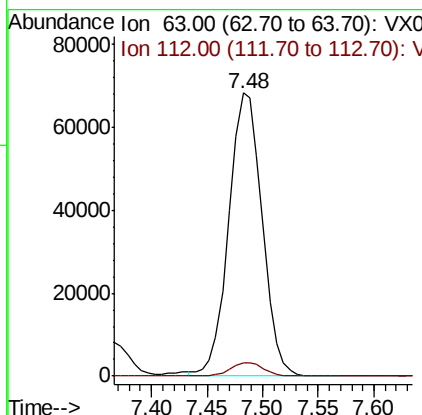
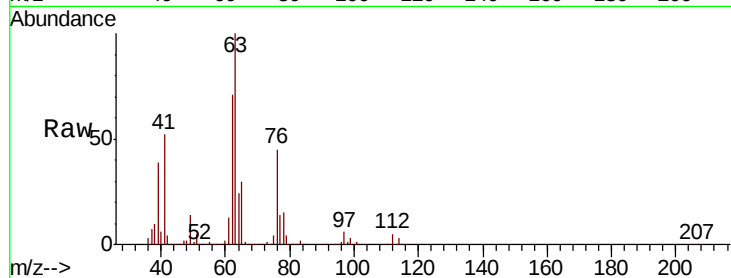




#37
 1,2-Dichloropropane
 Concen: 49.578 ug/L
 RT: 7.48 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: VX020526.D
 Acq: 07 Jan 2021 09:58

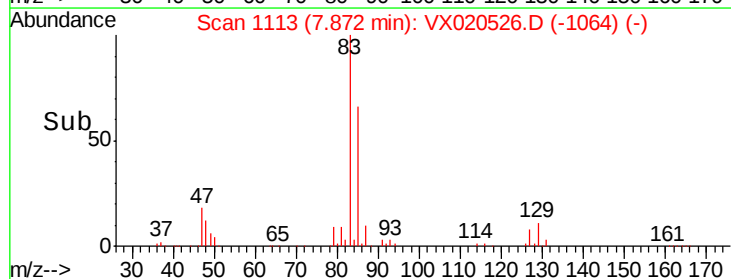
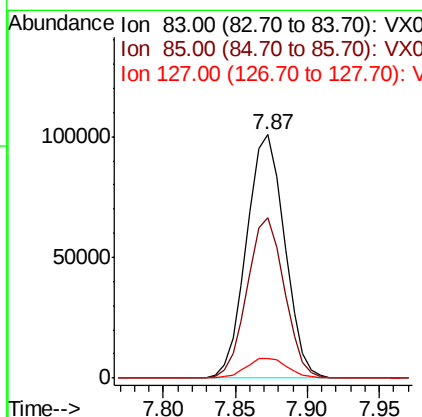
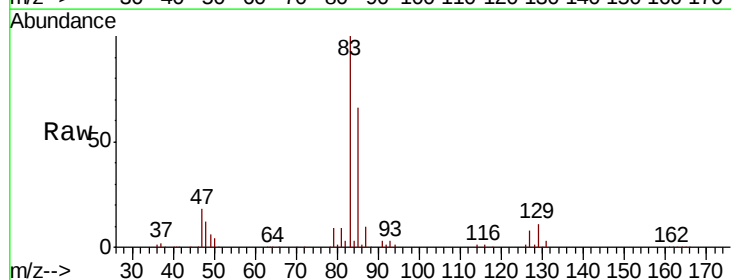
Instrument :
 MSVOA_X
 ClientSampled :

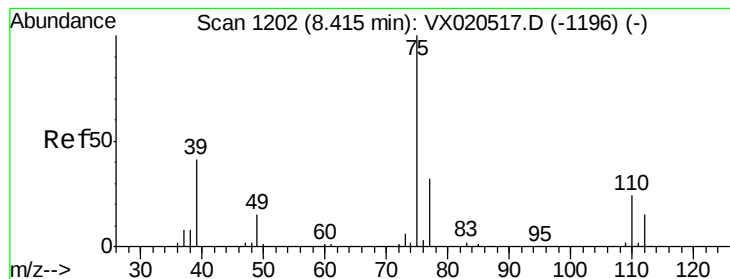
Tot Ion: 63 Resp: 142021
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.6 5.4



#38
 Bromodichloromethane
 Concen: 50.359 ug/L
 RT: 7.87 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VX020526.D
 Acq: 07 Jan 2021 09:58

Tgt Ion: 83 Resp: 185240
 Ion Ratio Lower Upper
 83 100
 85 65.8 45.1 83.7
 127 8.2 6.6 10.0



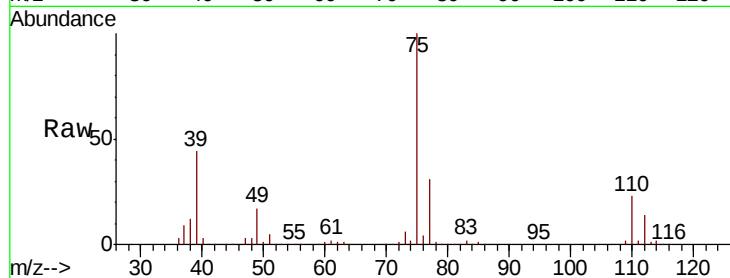


#39

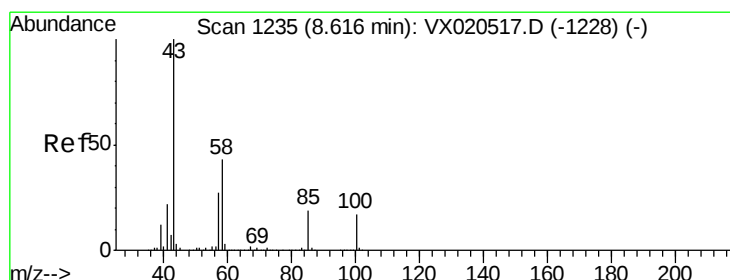
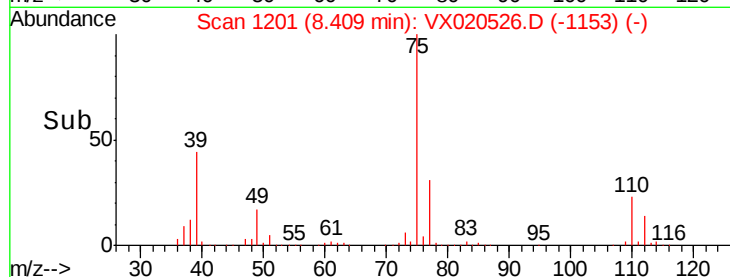
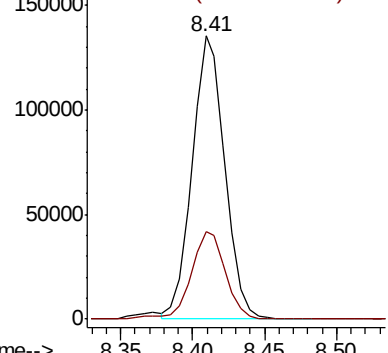
cis-1,3-Dichloropropene
Concen: 49.898 ug/L
RT: 8.41 min Scan# 1201
Delta R.T. -0.01 min
Lab File: VX020526.D
Acq: 07 Jan 2021 09:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 214954
Ion Ratio Lower Upper
75 100
77 31.0 22.7 42.3



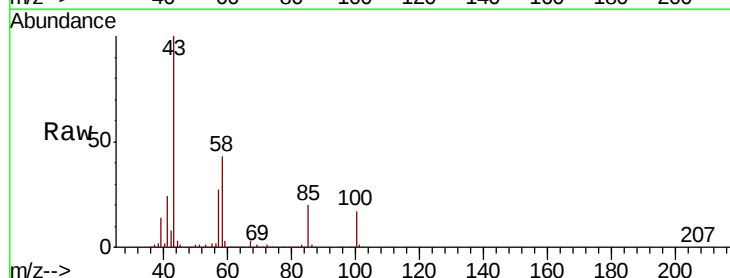
Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 77.00 (76.70 to 77.70): VX0



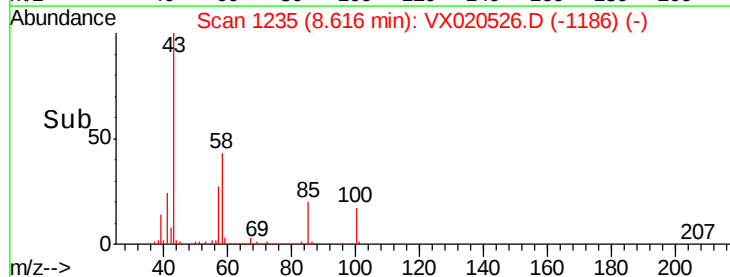
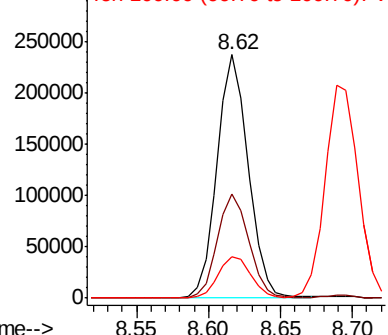
#40

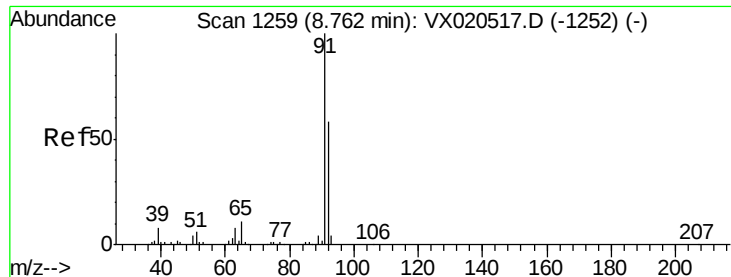
4-Methyl-2-pentanone
Concen: 94.556 ug/L
RT: 8.62 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX020526.D
Acq: 07 Jan 2021 09:58

Tgt Ion: 43 Resp: 355864
Ion Ratio Lower Upper
43 100
58 43.0 35.0 52.4
100 17.8 14.2 21.4



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





#42

Toluene

Concen: 50.434 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

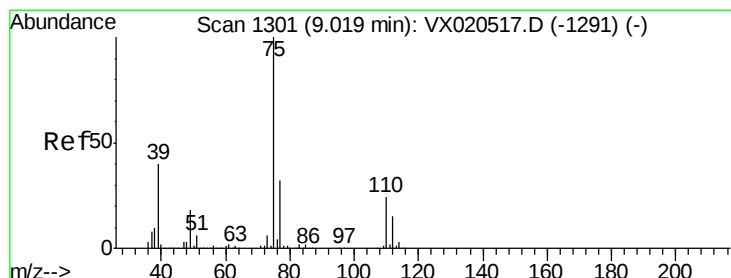
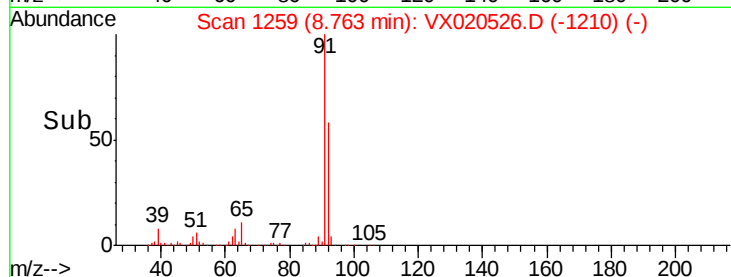
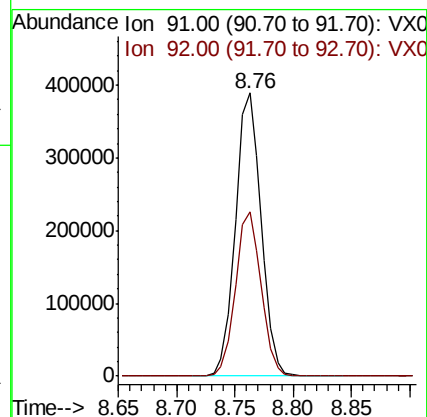
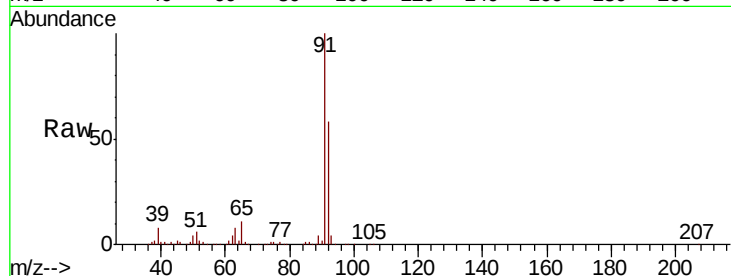
ClientSampleId :

Tot Ion: 91 Resp: 596658

Ion Ratio Lower Upper

91 100

92 57.9 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 50.352 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. 0.00 min

Lab File: VX020526.D

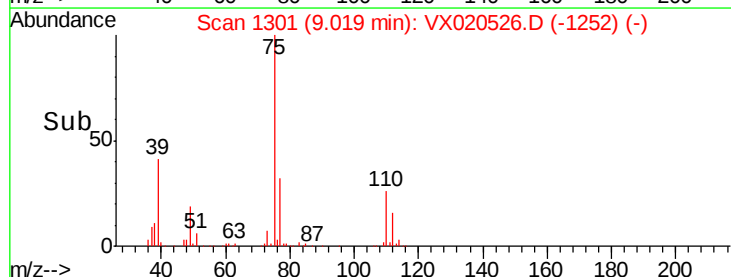
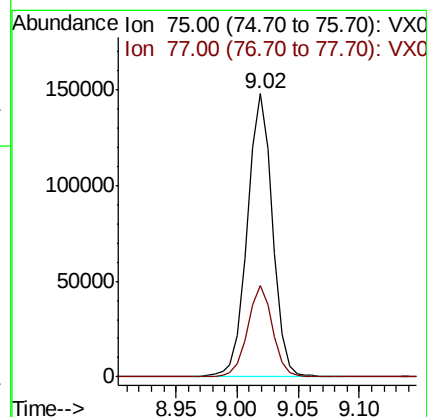
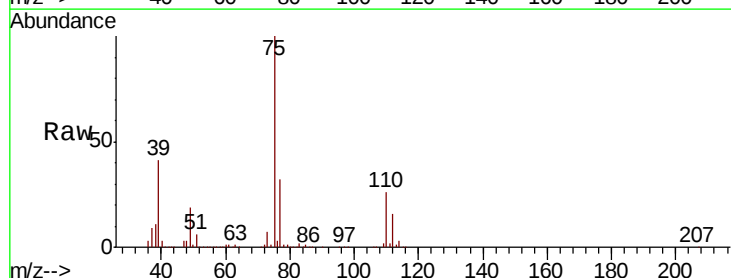
Acq: 07 Jan 2021 09:58

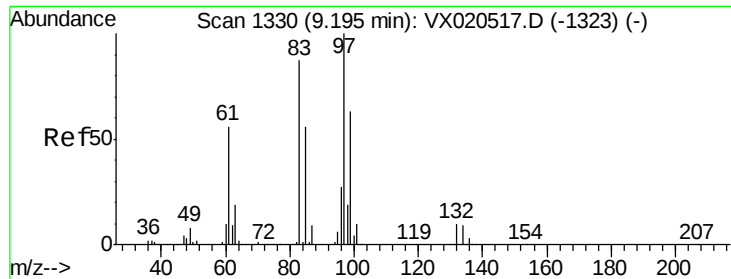
Tgt Ion: 75 Resp: 211760

Ion Ratio Lower Upper

75 100

77 32.4 22.4 41.6

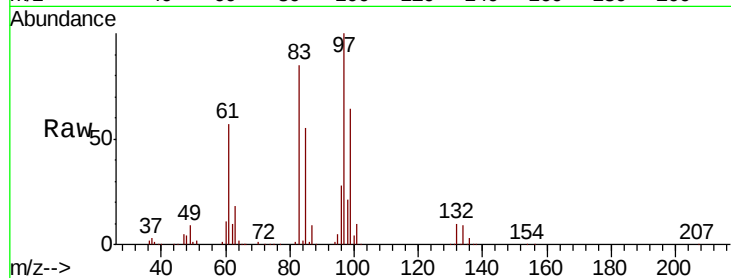




#45
1,1,2-Trichloroethane
Concen: 49.318 ug/L
RT: 9.20 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VX020526.D
Acq: 07 Jan 2021 09:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	97	Resp	139819
Ion	Ratio	Lower	Upper
97	100		
99	64.1	44.0	81.6
83	85.3	60.8	113.0
85	55.4	39.4	73.2



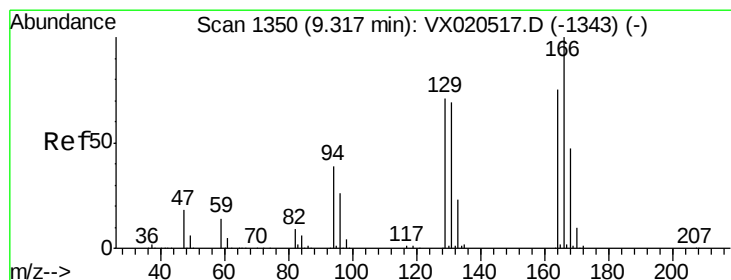
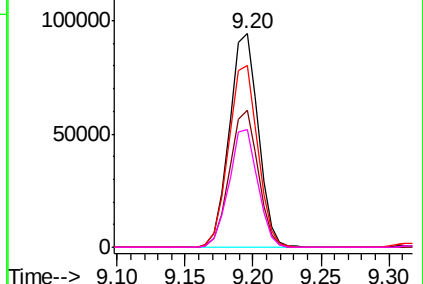
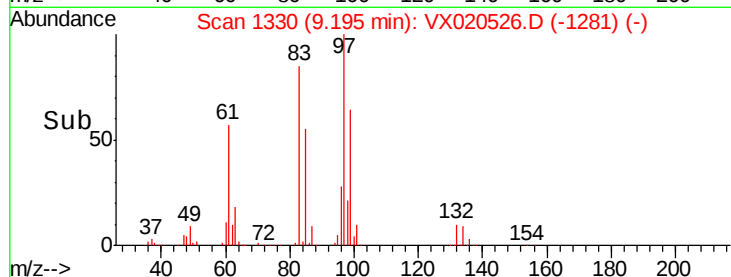
Abundance

Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

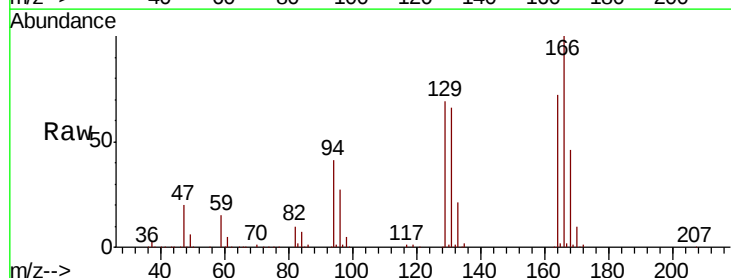
Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#46
Tetrachloroethene
Concen: 49.532 ug/L
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX020526.D
Acq: 07 Jan 2021 09:58

Tgt Ion	164	Resp	110415
Ion	Ratio	Lower	Upper
164	100		
129	95.1	65.6	121.8
131	91.5	63.7	118.3
166	138.2	93.0	172.6



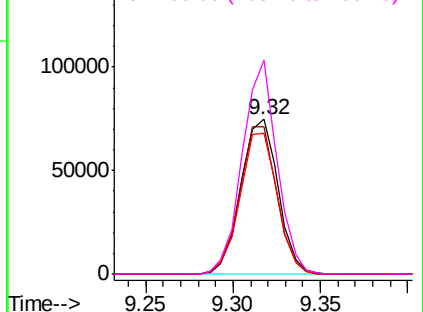
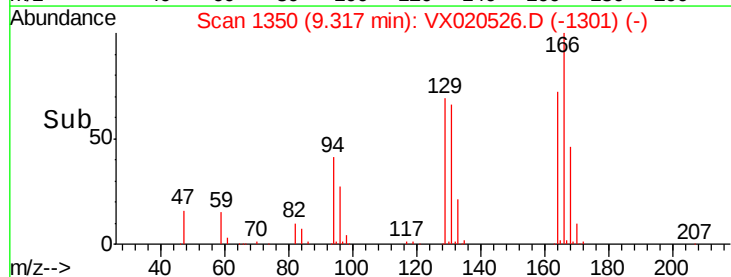
Abundance

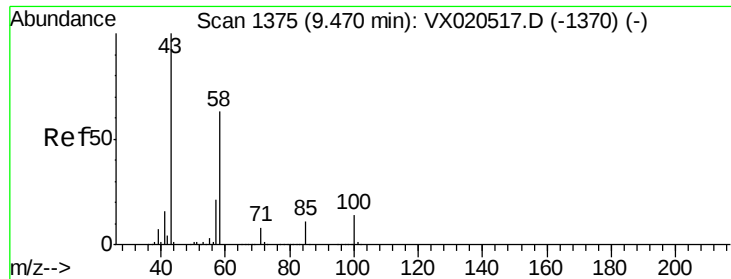
Ion 164.00 (163.70 to 164.70): V

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

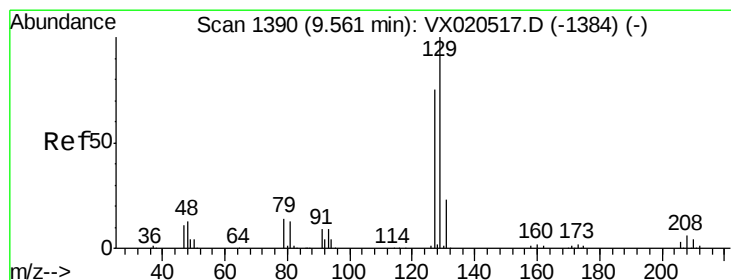
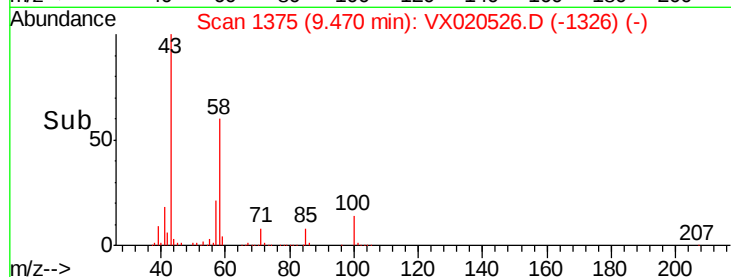
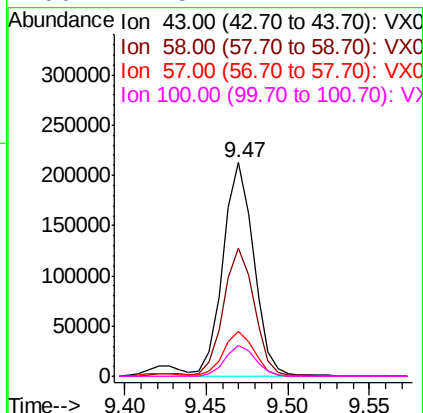
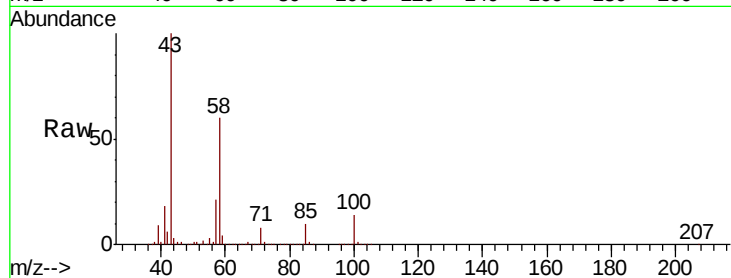




#48
2-Hexanone
Concen: 94.642 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX020526.D
Acq: 07 Jan 2021 09:58

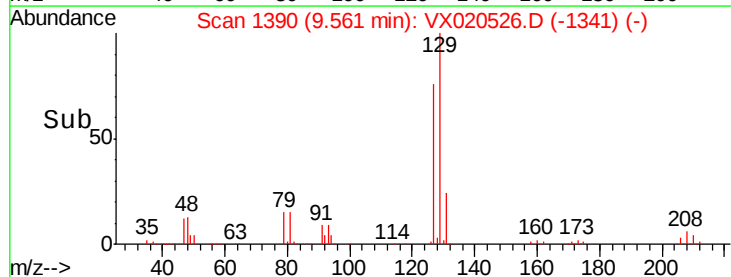
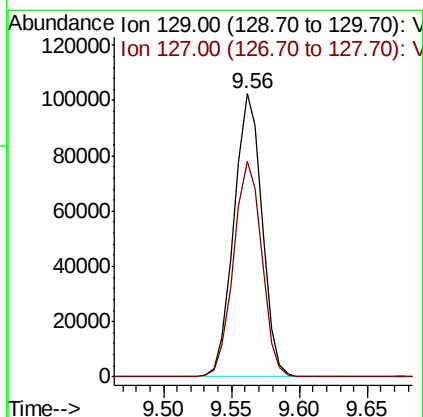
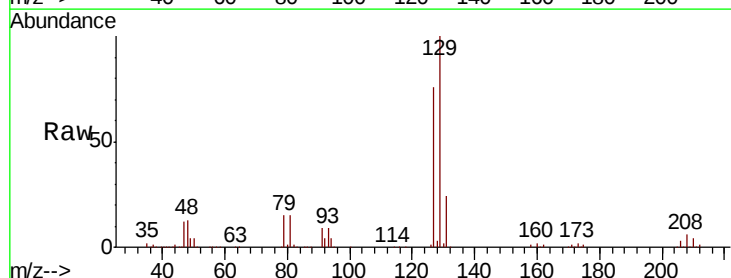
Instrument :
MSVOA_X
ClientSampleId :

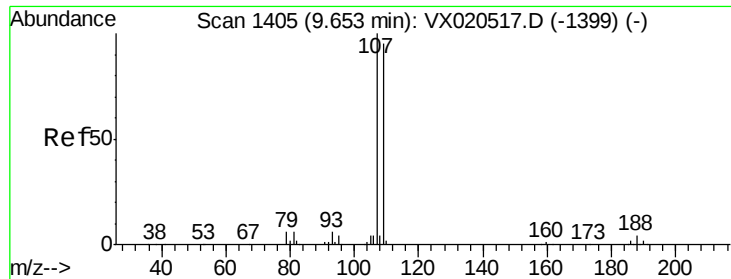
Tot Ion: 43 Resp: 281463
Ion Ratio Lower Upper
43 100
58 60.4 50.1 75.1
57 21.1 17.3 25.9
100 14.5 11.4 17.2



#49
Dibromochloromethane
Concen: 50.728 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX020526.D
Acq: 07 Jan 2021 09:58

Tgt Ion: 129 Resp: 147458
Ion Ratio Lower Upper
129 100
127 75.9 52.5 97.5

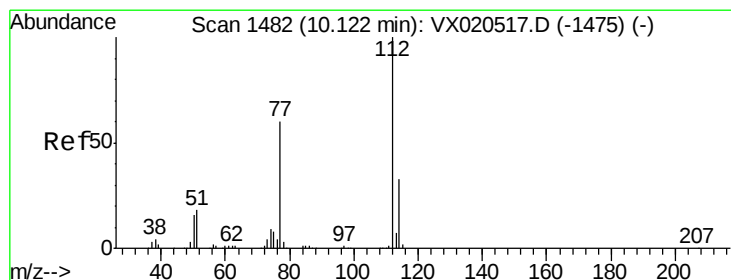
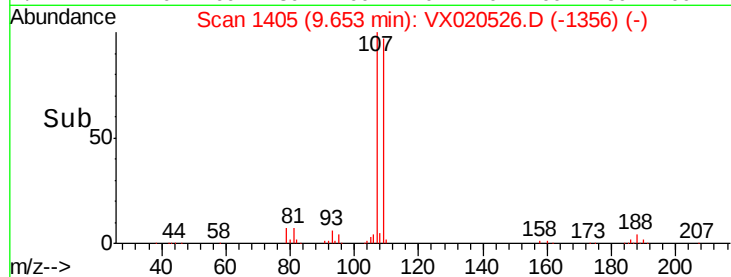
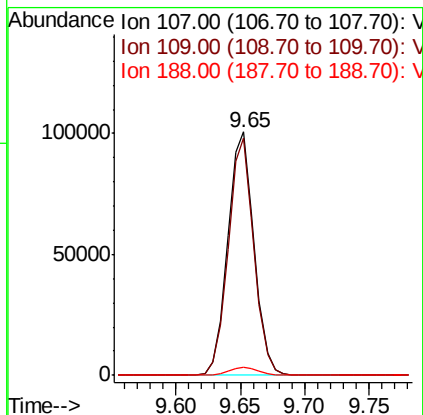
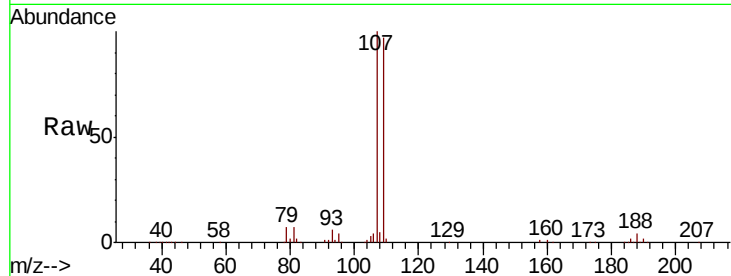




#50
1,2-Dibromoethane
Concen: 48.833 ug/L
RT: 9.65 min Scan# 1405
Delta R.T. 0.00 min
Lab File: VX020526.D
Acq: 07 Jan 2021 09:58

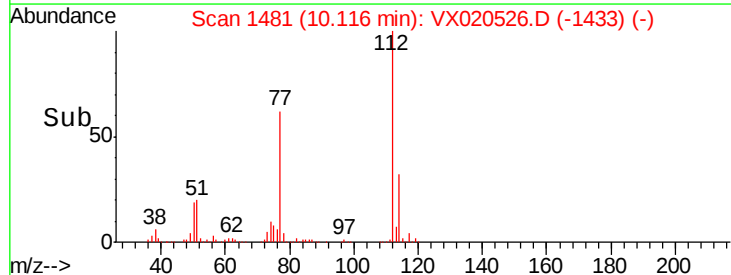
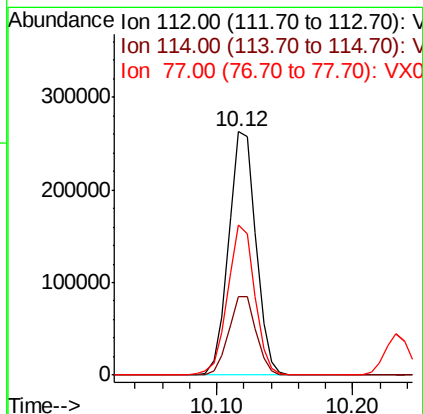
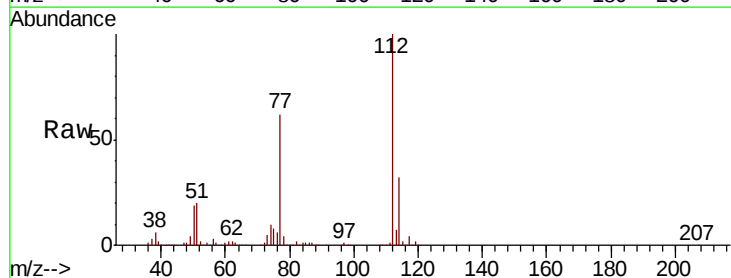
Instrument :
MSVOA_X
ClientSampleId :

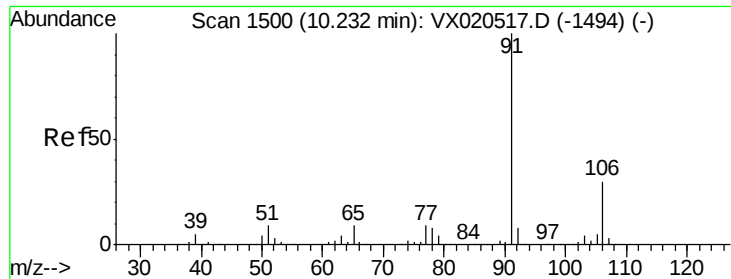
Tot Ion	Ratio	Lower	Upper
107	100		
109	97.3	66.4	123.4
188	3.6	3.2	4.8



#51
Chlorobenzene
Concen: 48.923 ug/L
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX020526.D
Acq: 07 Jan 2021 09:58

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.1	23.2	43.2
77	61.7	48.4	72.6





#52

Ethylbenzene

Concen: 50.628 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

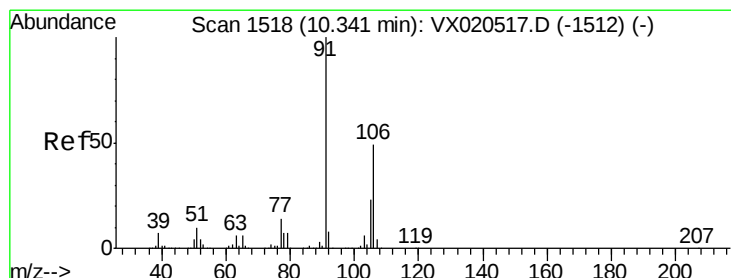
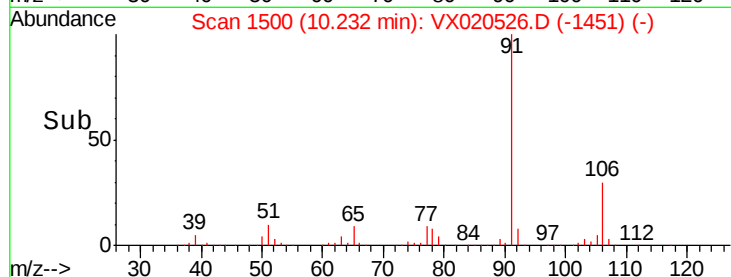
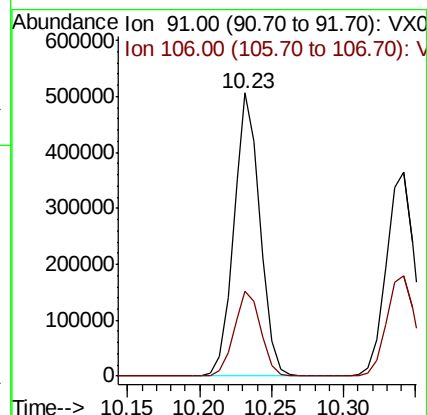
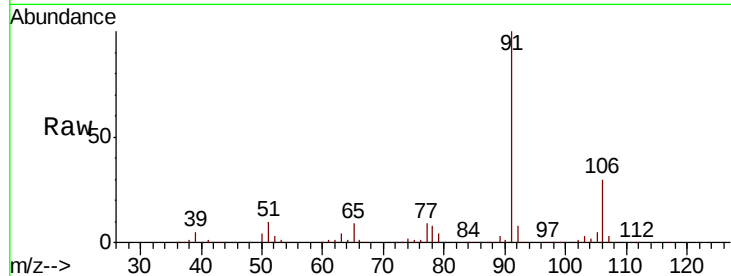
ClientSampled :

Tot Ion: 91 Resp: 640445

Ion Ratio Lower Upper

91 100

106 29.9 21.0 39.0



#53

m,p-Xylene

Concen: 52.047 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX020526.D

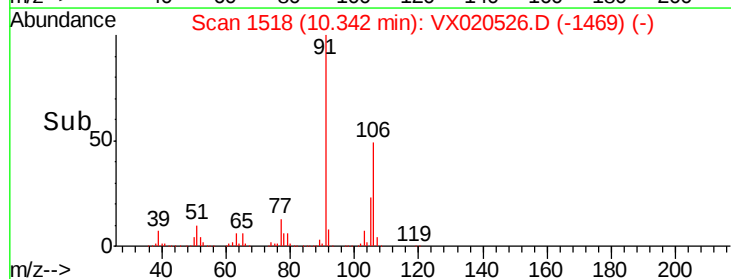
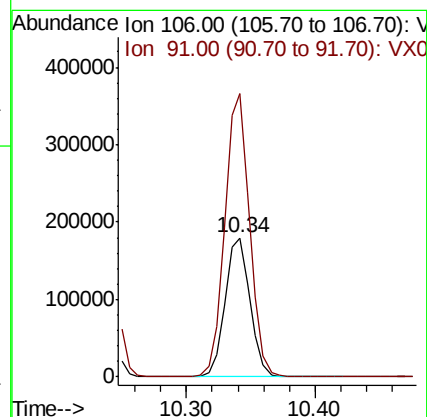
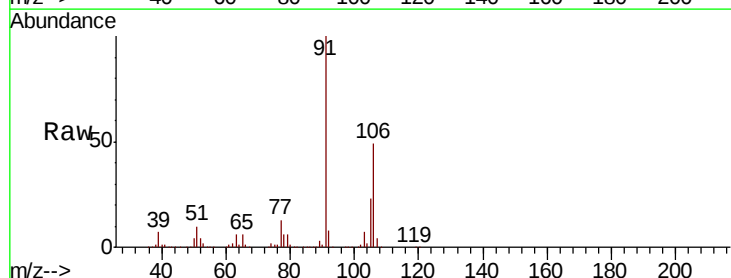
Acq: 07 Jan 2021 09:58

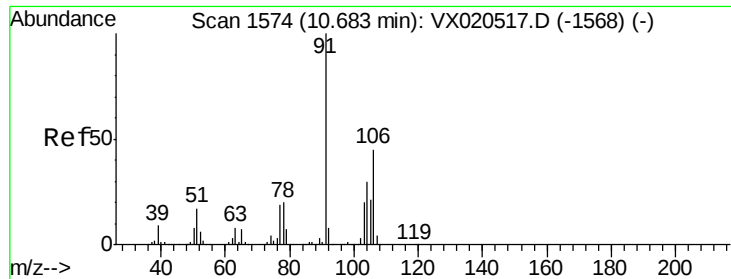
Tgt Ion: 106 Resp: 245985

Ion Ratio Lower Upper

106 100

91 203.2 142.5 264.6





#54

o-Xylene

Concen: 51.354 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

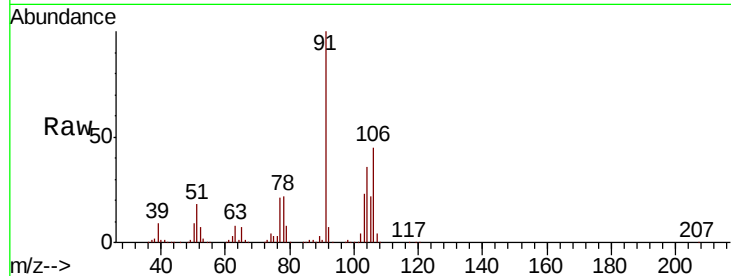
ClientSampled :

Tot Ion:106 Resp: 235540

Ion Ratio Lower Upper

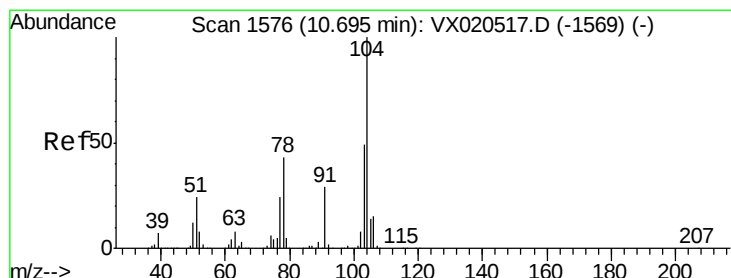
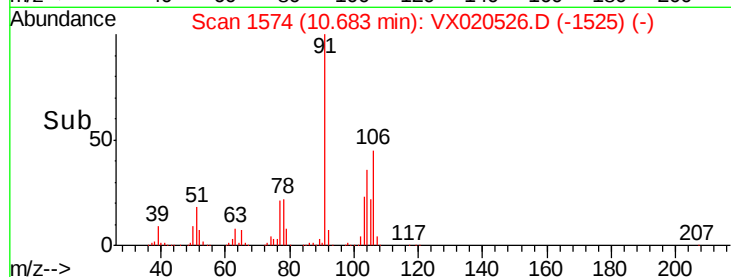
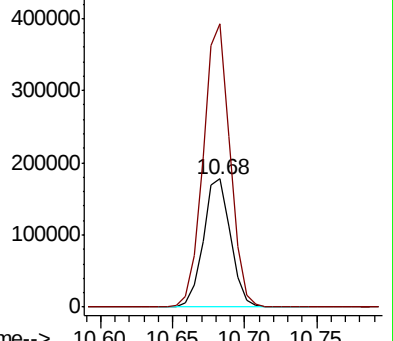
106 100

91 220.6 156.2 290.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#55

Styrene

Concen: 53.252 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX020526.D

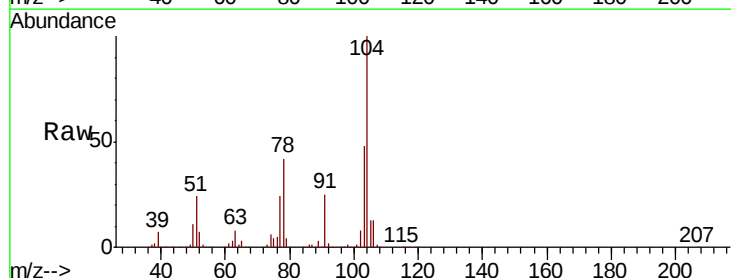
Acq: 07 Jan 2021 09:58

Tgt Ion:104 Resp: 413498

Ion Ratio Lower Upper

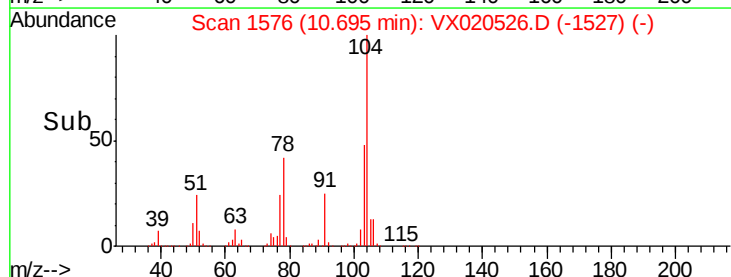
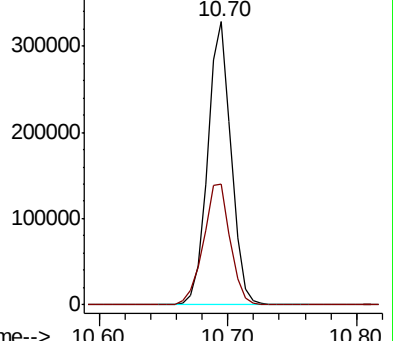
104 100

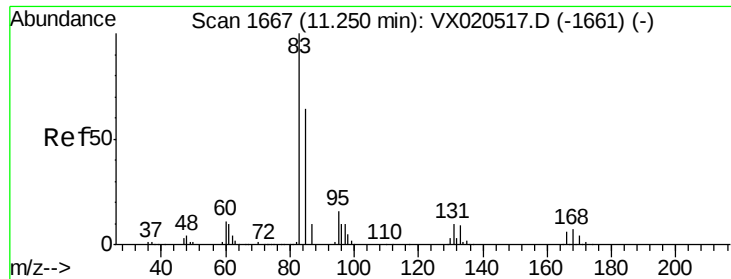
78 42.5 30.0 55.6



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0





#57

1,1,2,2-Tetrachloroethane

Concen: 47.323 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

ClientSampleId :

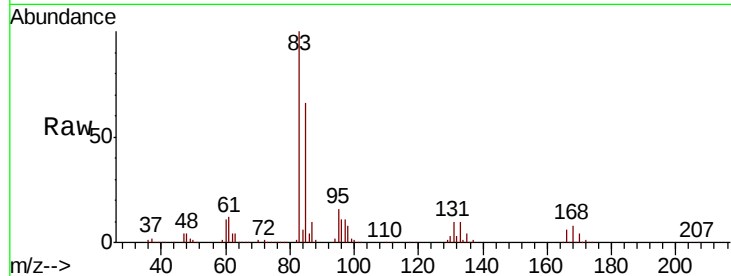
Tot Ion: 83 Resp: 212899

Ion Ratio Lower Upper

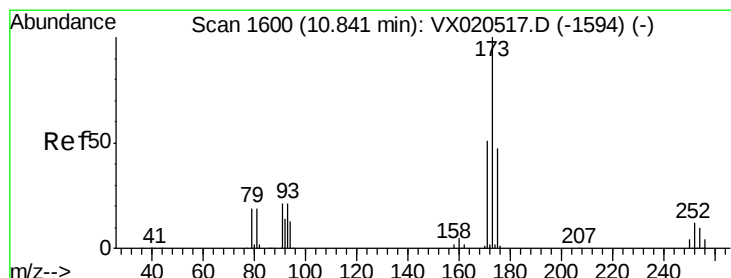
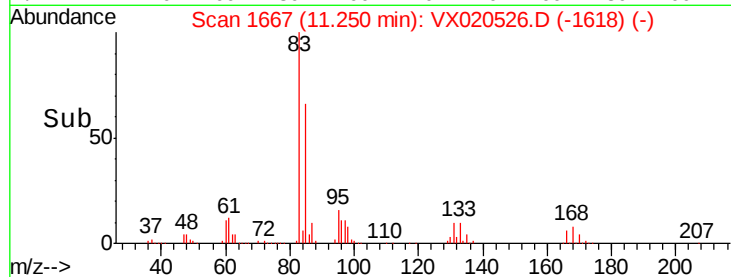
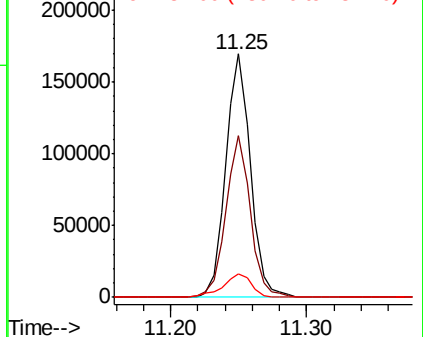
83 100

85 66.2 44.7 82.9

131 9.8 7.8 11.8



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 131.00 (130.70 to 131.70): V



#59

Bromoform

Concen: 48.861 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

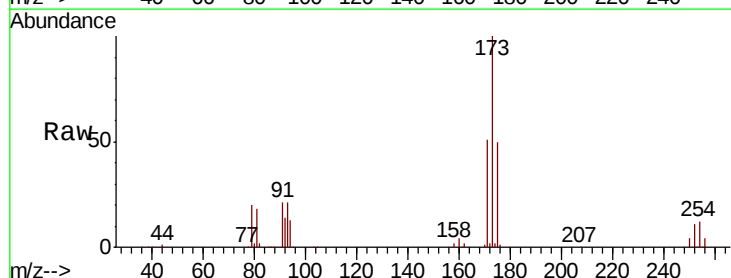
Tgt Ion:173 Resp: 104070

Ion Ratio Lower Upper

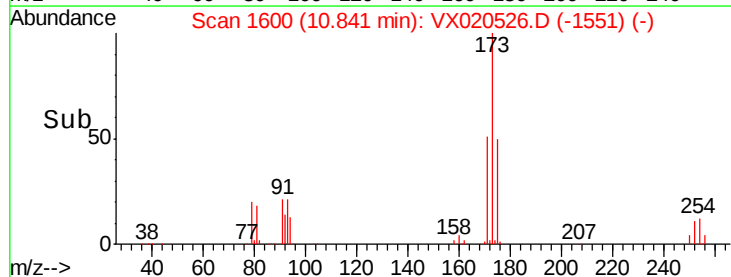
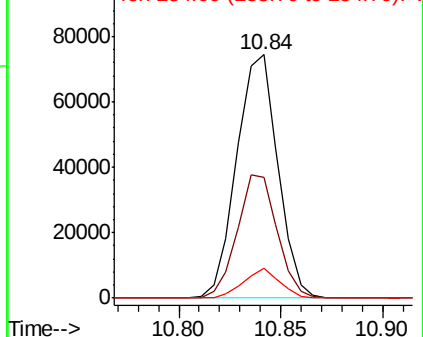
173 100

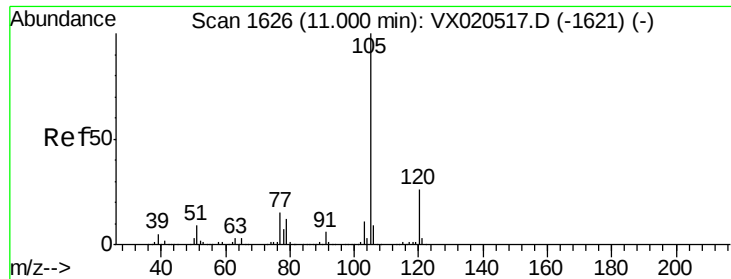
175 49.2 39.4 59.2

254 10.8 8.6 13.0



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V





#60

Isopropylbenzene

Concen: 51.258 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

ClientSampleId :

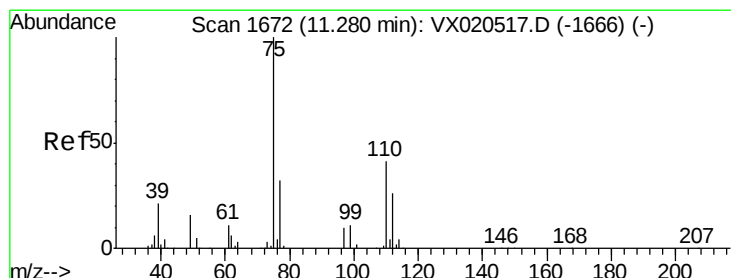
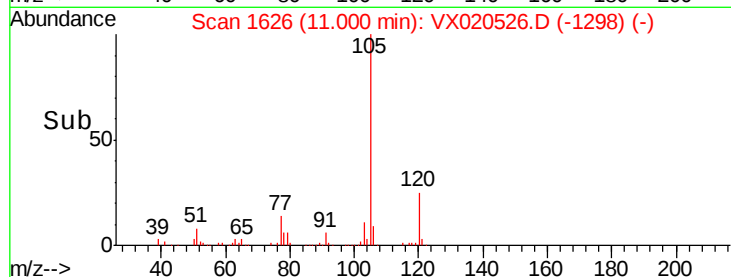
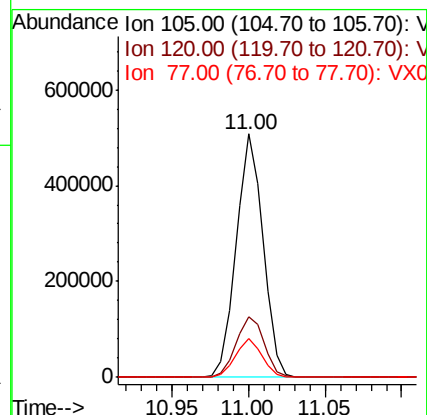
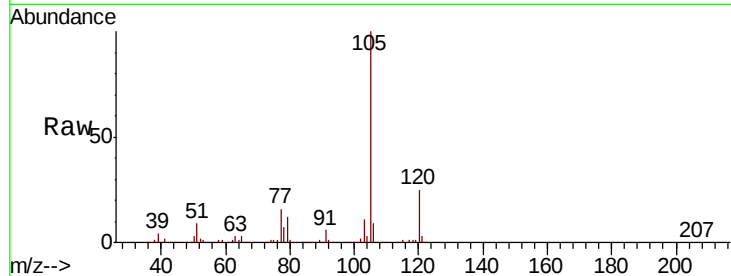
Tot Ion:105 Resp: 616272

Ion Ratio Lower Upper

105 100

120 25.9 21.2 31.8

77 15.6 12.6 18.8



#61

1,2,3-Trichloropropane

Concen: 46.893 ug/L

RT: 11.27 min Scan# 1671

Delta R.T. -0.01 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

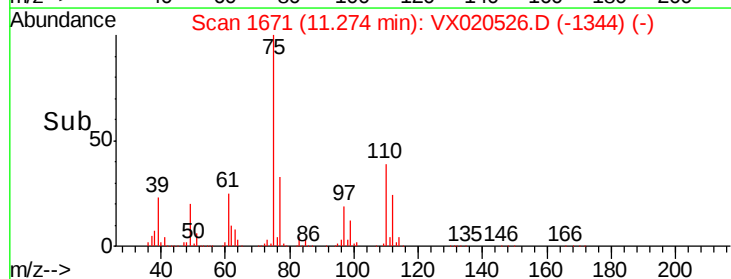
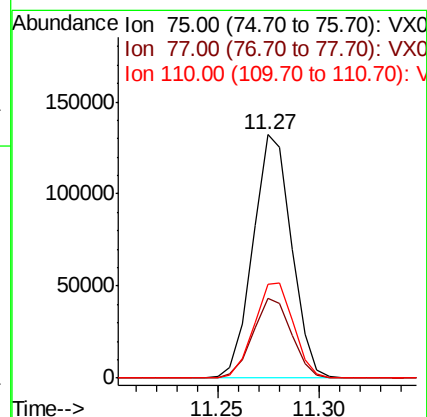
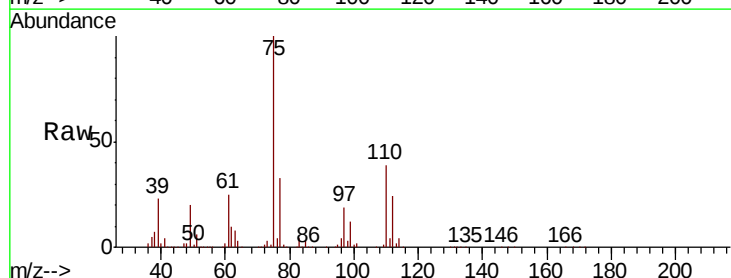
Tgt Ion: 75 Resp: 174426

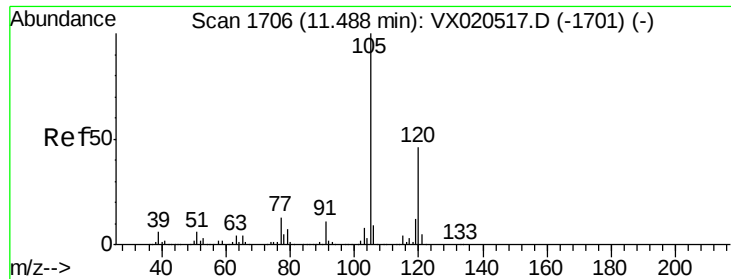
Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.2

110 39.7 31.8 47.8





#62

1,3,5-Trimethylbenzene

Concen: 52.395 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

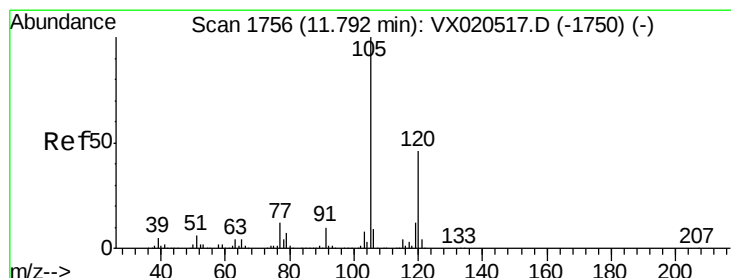
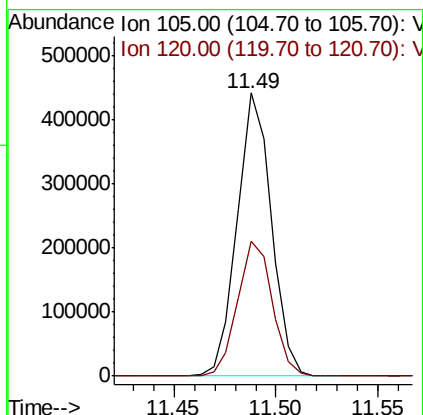
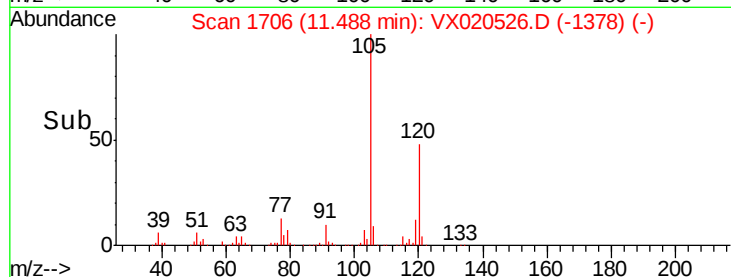
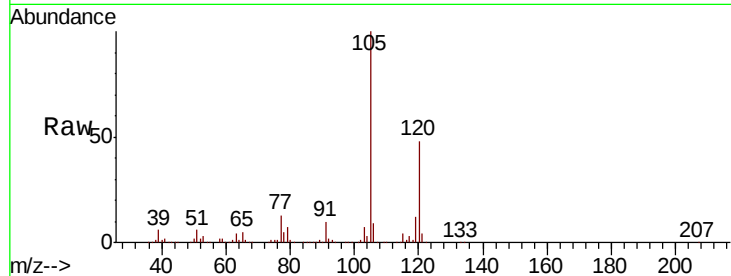
ClientSampled :

Tot Ion:105 Resp: 513751

Ion Ratio Lower Upper

105 100

120 48.5 38.0 57.0



#63

1,2,4-Trimethylbenzene

Concen: 52.754 ug/L

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX020526.D

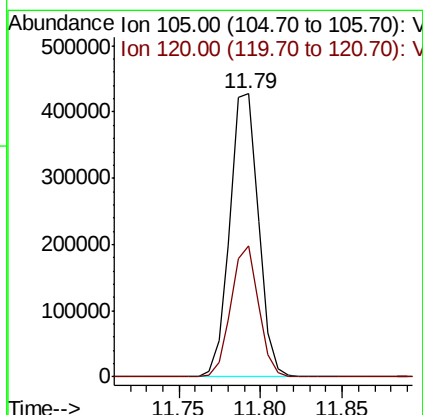
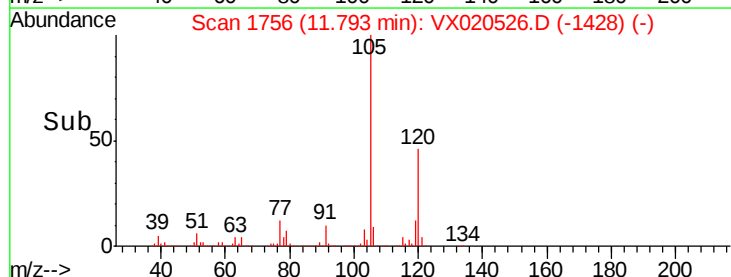
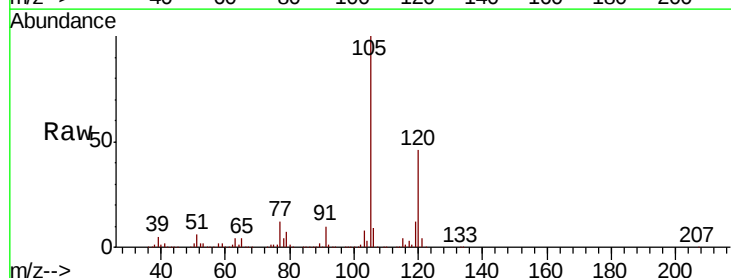
Acq: 07 Jan 2021 09:58

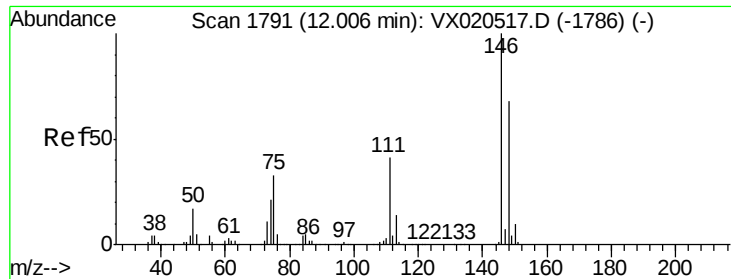
Tgt Ion:105 Resp: 522132

Ion Ratio Lower Upper

105 100

120 44.7 36.4 54.6





#64

1,3-Dichlorobenzene

Concen: 50.152 ug/L

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

ClientSampleId :

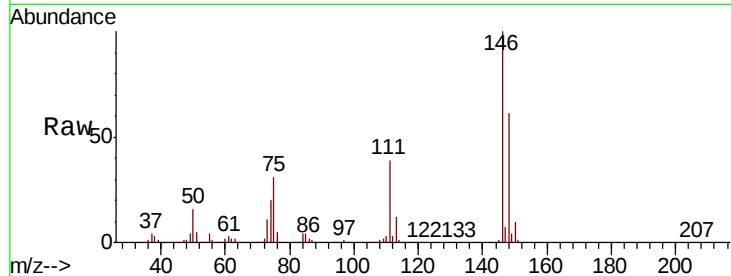
Tot Ion:146 Resp: 281297

Ion Ratio Lower Upper

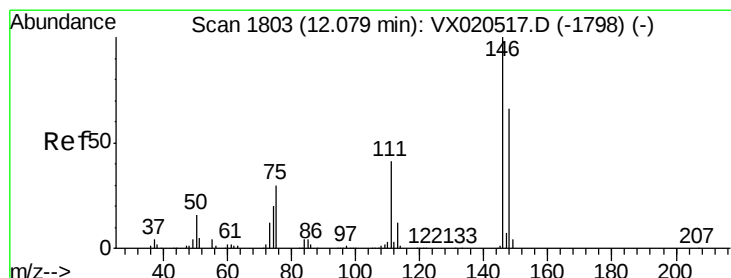
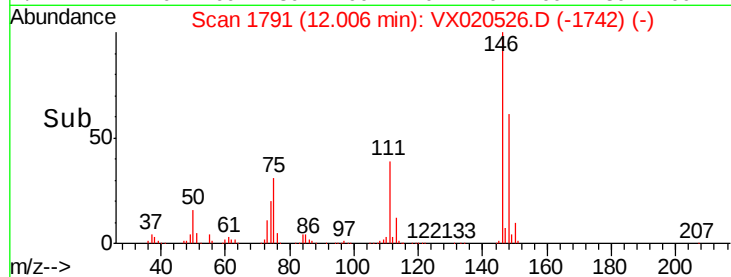
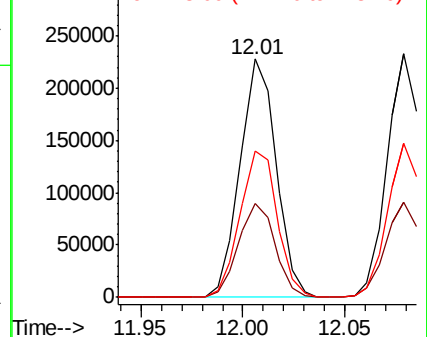
146 100

111 39.4 28.9 53.7

148 61.3 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: 49.852 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

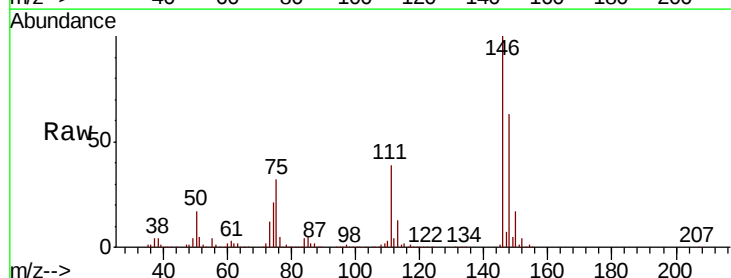
Tgt Ion:146 Resp: 282521

Ion Ratio Lower Upper

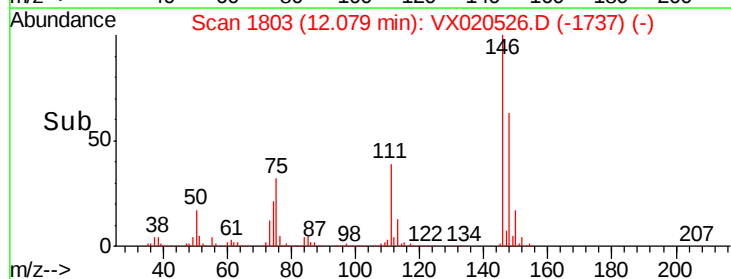
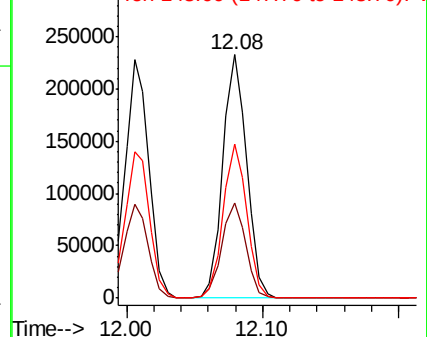
146 100

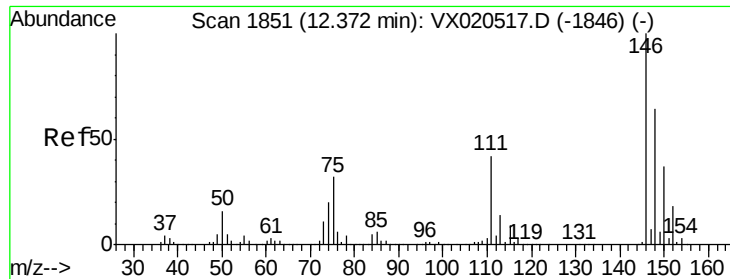
111 38.8 28.7 53.3

148 63.2 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: 50.550 ug/L

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

Instrument :

MSVOA_X

ClientSampled :

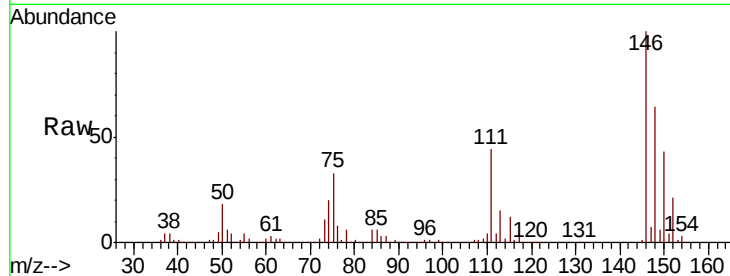
Tot Ion:146 Resp: 282689

Ion Ratio Lower Upper

146 100

111 44.1 33.8 50.8

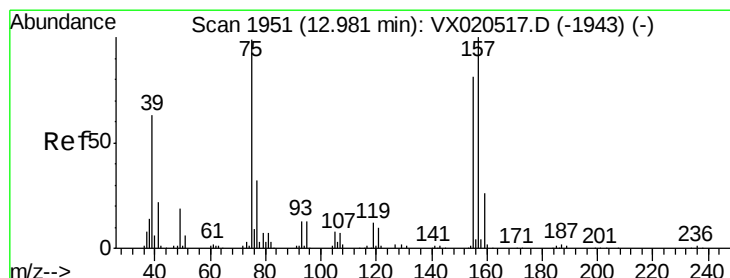
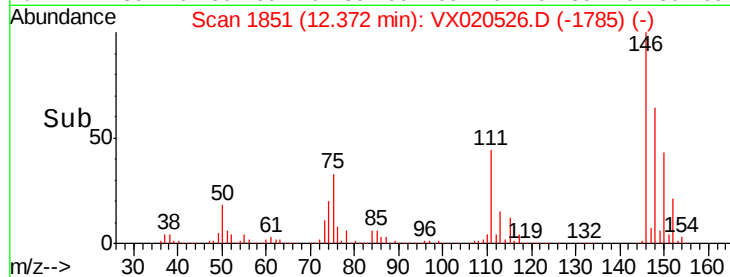
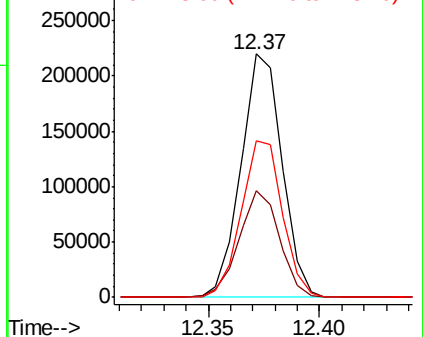
148 64.5 51.4 77.2



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: 48.723 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX020526.D

Acq: 07 Jan 2021 09:58

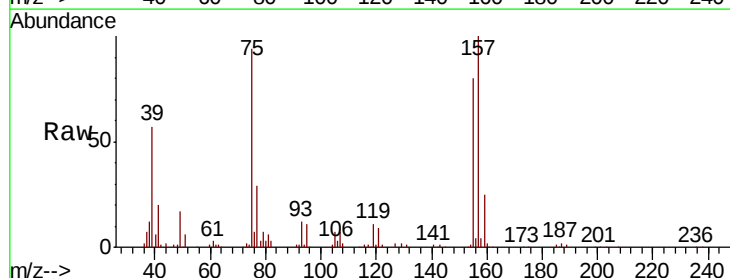
Tgt Ion: 75 Resp: 45841

Ion Ratio Lower Upper

75 100

155 85.3 65.3 97.9

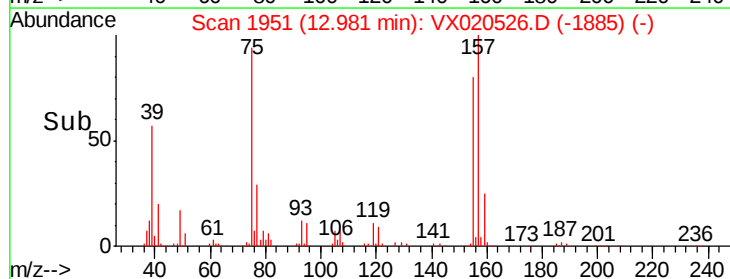
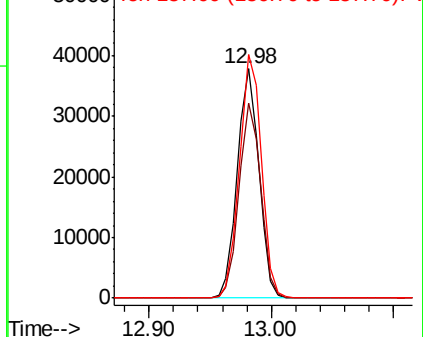
157 106.3 80.5 120.7

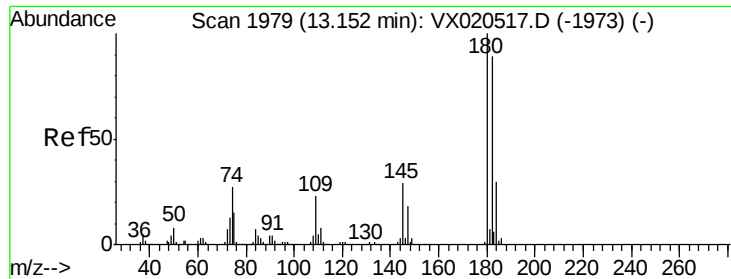


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

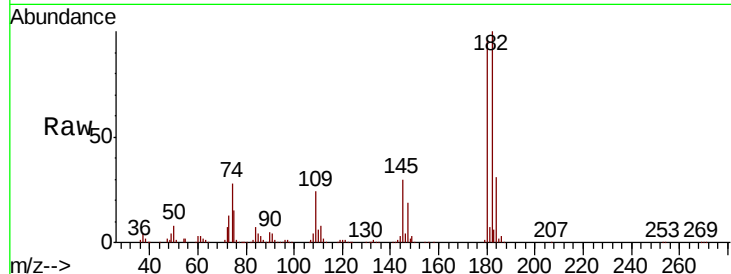




#69
 1,3,5-Trichlorobenzene
 Concen: 53.560 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX020526.D
 Acq: 07 Jan 2021 09:58

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	74.8	112.2
184	30.4	24.1	36.1
145	29.9	23.7	35.5



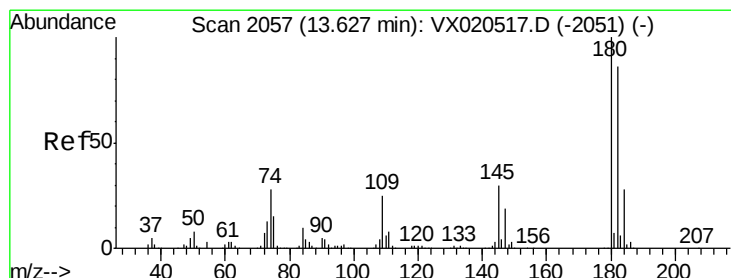
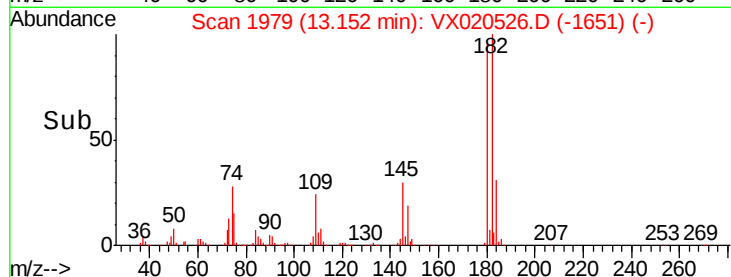
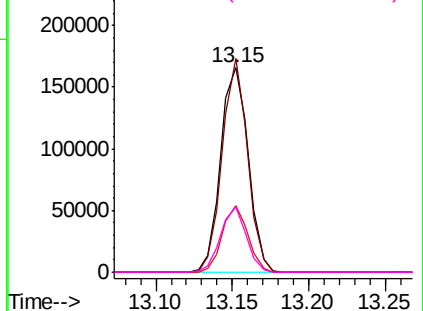
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

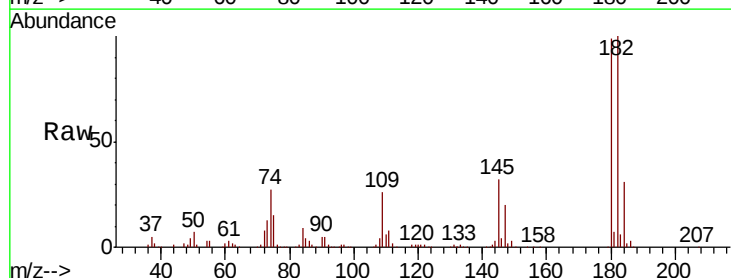
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,4-trichlorobenzene
 Concen: 52.413 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX020526.D
 Acq: 07 Jan 2021 09:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	74.3	111.5
145	30.7	24.1	36.1

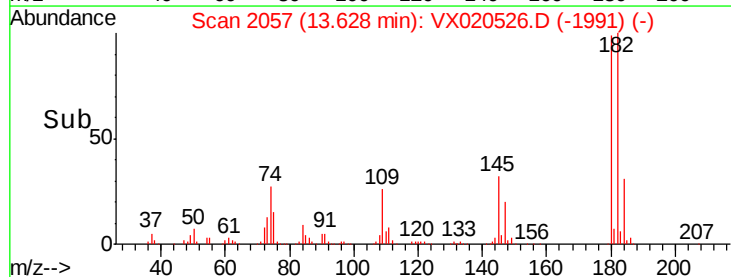
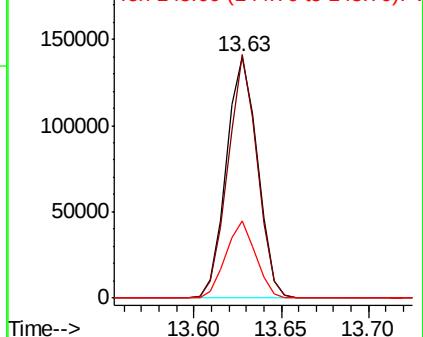


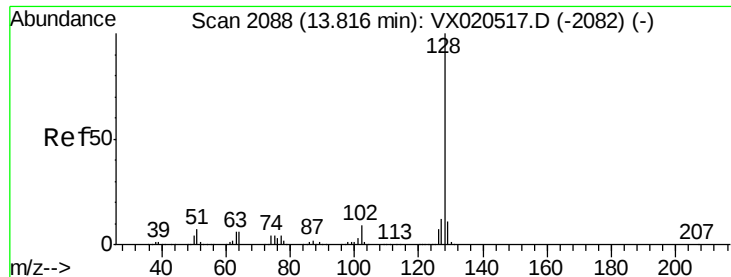
Abundance

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

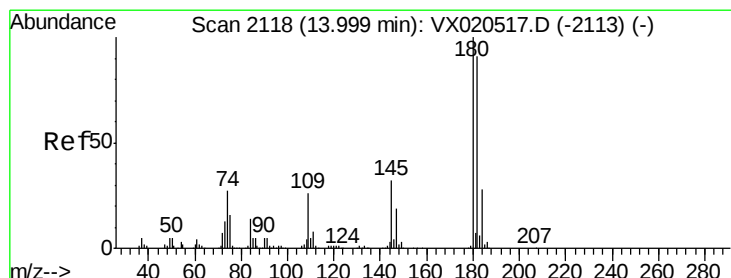
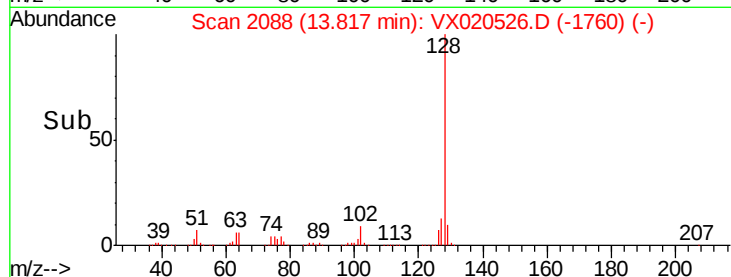
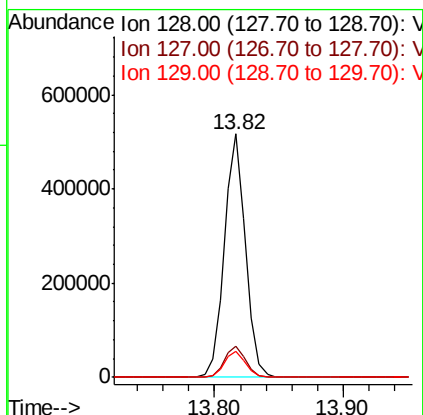
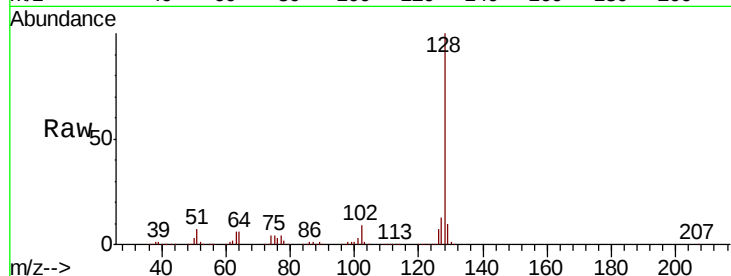




#71
Naphthalene
Concen: 54.435 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX020526.D
Acq: 07 Jan 2021 09:58

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 596191
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.7 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 53.727 ug/L
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX020526.D
Acq: 07 Jan 2021 09:58

Tgt Ion:180 Resp: 183254
Ion Ratio Lower Upper
180 100
182 93.8 74.6 112.0
145 32.6 25.6 38.4

