

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX110320\
 Data File : VX019228.D
 Acq On : 03 Nov 2020 12:40
 Operator : JC/MD
 Sample : L4485-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 01:23:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 01:20:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	434815	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	399203	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	186724	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	166350	44.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.88%
7) Chloroethane-d5	1.70	69	134287	48.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.62%
11) 1,1-Dichloroethene-d2	2.34	63	227188	36.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.56%
21) 2-Butanone-d5	4.53	46	210820	110.39	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.39%
24) Chloroform-d	5.14	84	282400	46.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.64%
26) 1,2-Dichloroethane-d4	6.03	65	197355	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.12%
32) Benzene-d6	6.05	84	599317	48.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.72%
36) 1,2-Dichloropropane-d6	7.37	67	181025	49.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.96%
41) Toluene-d8	8.70	98	562794	44.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.46%
43) trans-1,3-Dichloropropene-	8.99	79	92161	47.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.98%
47) 2-Hexanone-d5	9.43	63	170354	112.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.71%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	223463	51.77	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.54%
66) 1,2-Dichlorobenzene-d4	12.36	152	191000	50.95	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.90%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	6231	2.261 ug/L	99
3) Chloromethane	1.31	50	6848	2.446 ug/L	95
5) Vinyl chloride	1.39	62	8109	2.570 ug/L #	55
6) Bromomethane	1.64	94	5121	2.456 ug/L	100
8) Chloroethane	1.72	64	5075	2.580 ug/L	95
9) Trichlorofluoromethane	1.92	101	10818	2.311 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	8103	3.001 ug/L #	79
12) 1,1-Dichloroethene	2.36	96	7545	2.879 ug/L #	1
13) Acetone	2.43	43	6042	5.119 ug/L	96
14) Carbon disulfide	2.56	76	17366	2.196 ug/L	98
15) Methyl Acetate	2.75	43	6979	2.710 ug/L	95
16) Methylene chloride	2.84	84	7596	2.600 ug/L	97
17) trans-1,2-Dichloroethene	3.15	96	6487	2.303 ug/L	90
18) Methyl tert-butyl Ether	3.17	73	20153	2.263 ug/L	96
19) 1,1-Dichloroethane	3.67	63	11442	2.286 ug/L	98
20) cis-1,2-Dichloroethene	4.56	96	7001	2.263 ug/L	99
22) 2-Butanone	4.65	43	8906	4.778 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110320\
 Data File : VX019228.D
 Acq On : 03 Nov 2020 12:40
 Operator : JC/MD
 Sample : L4485-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 04 01:23:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 01:20:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

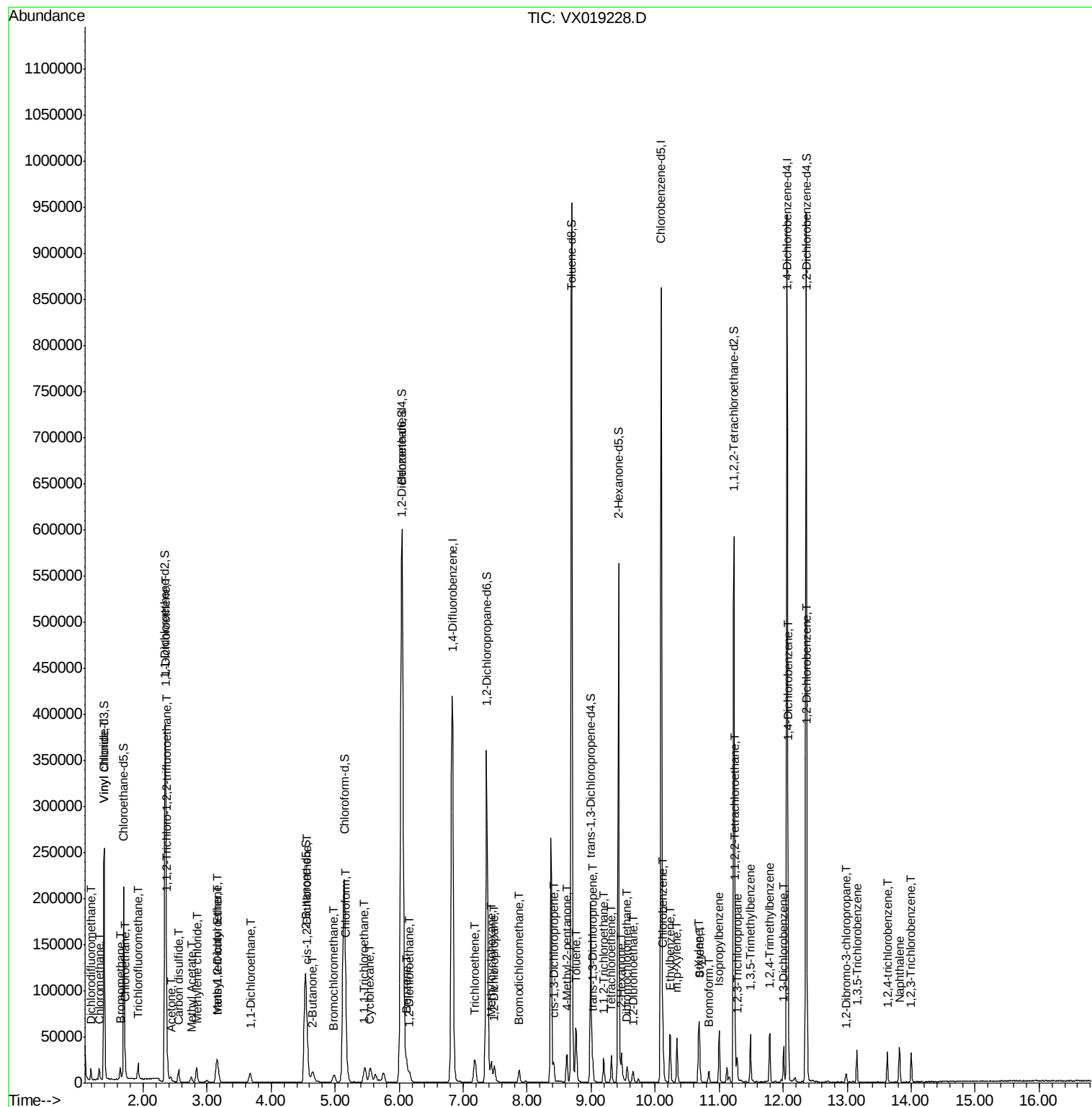
23) Bromochloromethane	4.98	128	3471	2.227	ug/L #	93
25) Chloroform	5.17	83	22581	4.298	ug/L	98
27) 1,2-Dichloroethane	6.16	62	10245	2.477	ug/L	100
29) Cyclohexane	5.54	56	10210	2.222	ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	10936	2.272	ug/L	100
33) Benzene	6.12	78	27354	2.387	ug/L	100
34) Trichloroethene	7.19	95	7232	2.312	ug/L	95
35) Methylcyclohexane	7.44	83	10337	2.088	ug/L	98
37) 1,2-Dichloropropane	7.49	63	6509	2.286	ug/L #	97
38) Bromodichloromethane	7.87	83	8680	2.192	ug/L	97
39) cis-1,3-Dichloropropene	8.42	75	10520	2.224	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	17347	4.982	ug/L	99
42) Toluene	8.76	91	36907	2.960	ug/L	97
44) trans-1,3-Dichloropropene	9.02	75	9677	2.100	ug/L	91
45) 1,1,2-Trichloroethane	9.20	97	6377	2.280	ug/L	98
46) Tetrachloroethene	9.32	164	5060	2.144	ug/L	97
48) 2-Hexanone	9.48	43	15580	5.679	ug/L	97
49) Dibromochloromethane	9.56	129	6638	2.170	ug/L	97
50) 1,2-Dibromoethane	9.65	107	6854	2.343	ug/L	95
51) Chlorobenzene	10.12	112	18272	2.357	ug/L	96
52) Ethylbenzene	10.23	91	31336	2.325	ug/L	100
53) m,p-Xylene	10.34	106	11642	2.299	ug/L	97
54) o-Xylene	10.68	106	10949	2.233	ug/L	97
55) Styrene	10.70	104	17089	2.066	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.25	83	9896	2.582	ug/L #	98
59) Bromoform	10.84	173	4268	2.110	ug/L	99
60) Isopropylbenzene	11.00	105	29074	2.294	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	8331	2.619	ug/L	97
62) 1,3,5-Trimethylbenzene	11.49	105	22927	2.199	ug/L	96
63) 1,2,4-Trimethylbenzene	11.79	105	22422	2.274	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	12428	2.272	ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	13106	2.361	ug/L	96
67) 1,2-Dichlorobenzene	12.38	146	12576	2.374	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.98	75	1980	2.286	ug/L	91
69) 1,3,5-Trichlorobenzene	13.15	180	7868	2.053	ug/L	99
70) 1,2,4-trichlorobenzene	13.63	180	6940	1.965	ug/L	97
71) Naphthalene	13.82	128	23399	2.049	ug/L	99
72) 1,2,3-Trichlorobenzene	14.01	180	7215	2.088	ug/L	99

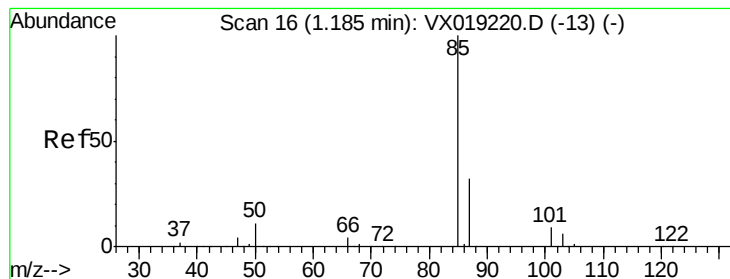
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110320\
Data File : VX019228.D
Acq On : 03 Nov 2020 12:40
Operator : JC/MD
Sample : L4485-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :

Quant Time: Nov 04 01:23:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 01:20:42 2020
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 2.261 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

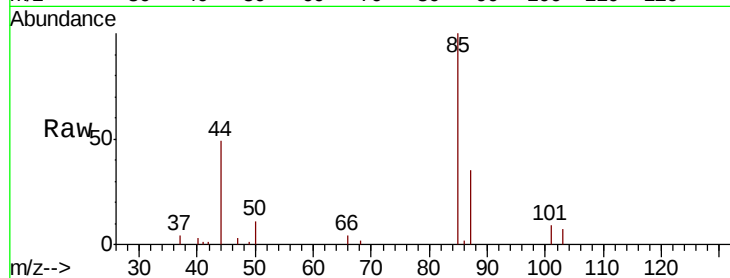
ClientSampled :

Tot Ion: 85 Resp: 6231

Ion Ratio Lower Upper

85 100

87 32.8 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

1.18

8000

6000

4000

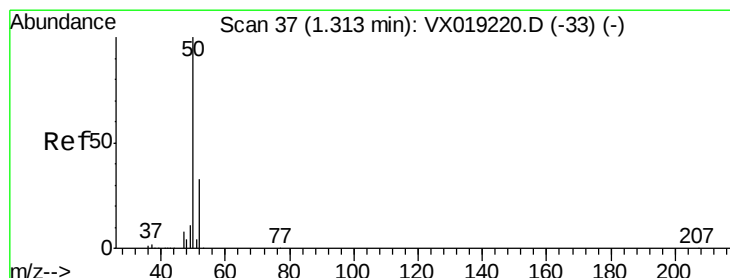
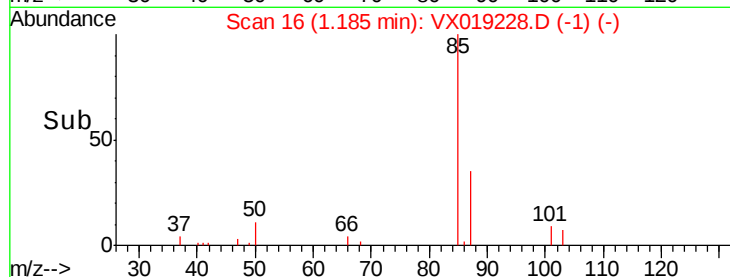
2000

0

Time-->

1.15

1.20



#3

Chloromethane

Concen: 2.446 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019228.D

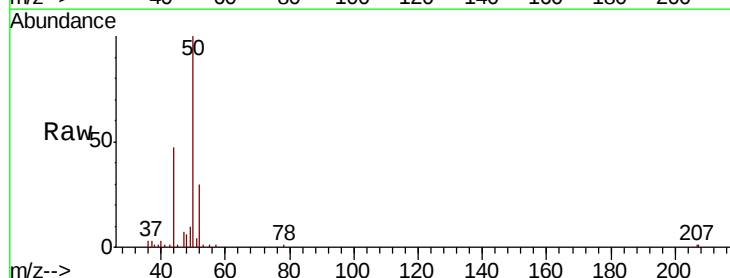
Acq: 03 Nov 2020 12:40

Tgt Ion: 50 Resp: 6848

Ion Ratio Lower Upper

50 100

52 29.6 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

1.31

8000

6000

4000

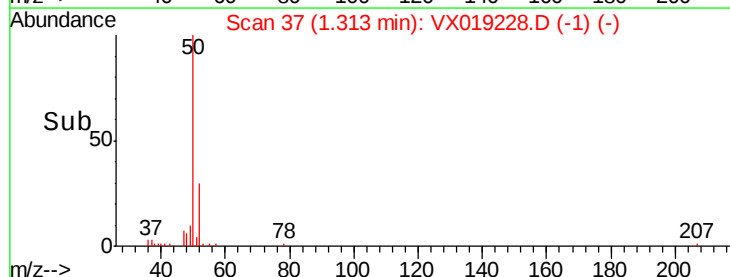
2000

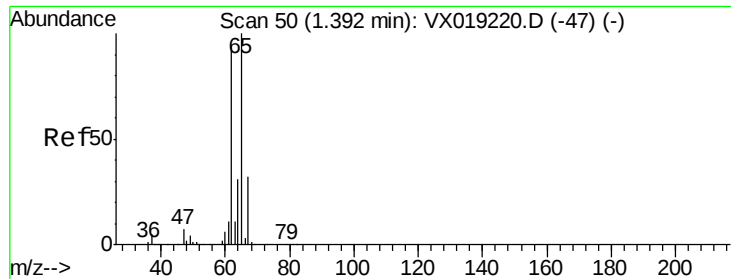
0

Time-->

1.30

1.35





#5

Vinyl chloride

Concen: 2.570 ug/L

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

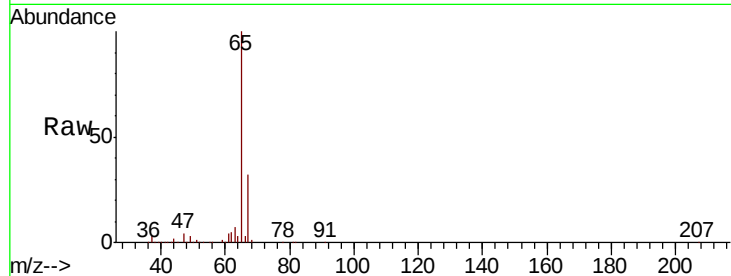
ClientSampleId :

Tot Ion: 62 Resp: 8109

Ion Ratio Lower Upper

62 100

64 59.2 23.4 43.6#



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0

1.39

8000

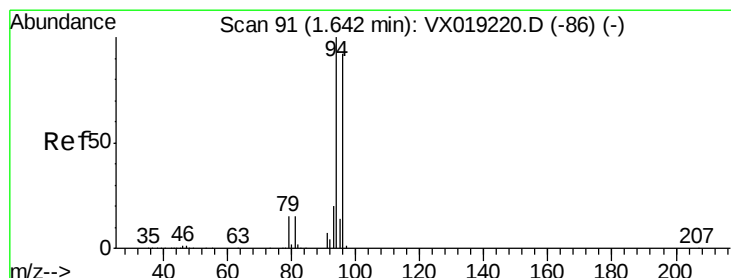
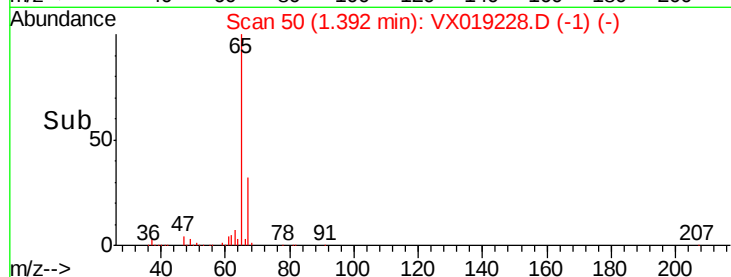
6000

4000

2000

0

Time--> 1.35 1.40 1.45



#6

Bromomethane

Concen: 2.456 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX019228.D

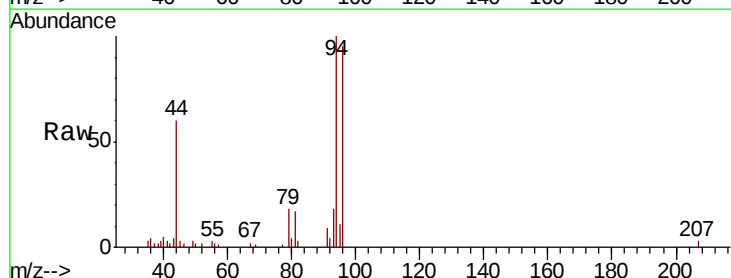
Acq: 03 Nov 2020 12:40

Tgt Ion: 94 Resp: 5121

Ion Ratio Lower Upper

94 100

96 94.5 66.0 122.6



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

5000

4000

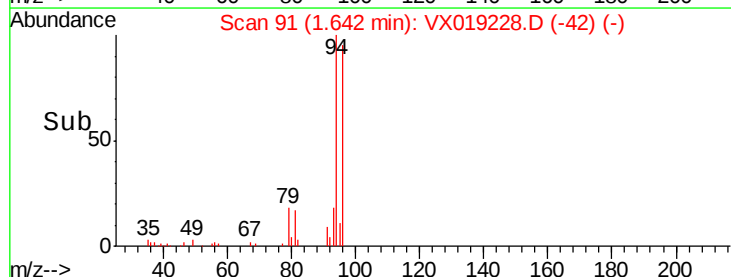
3000

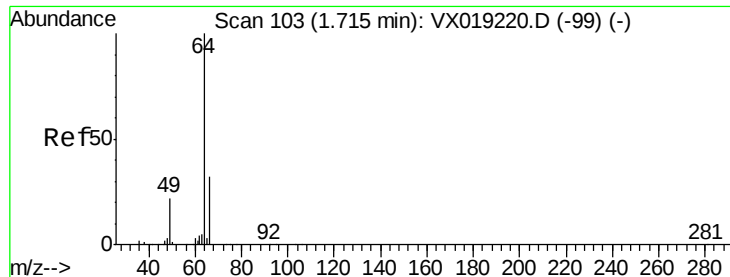
2000

1000

0

Time--> 1.60 1.65 1.70

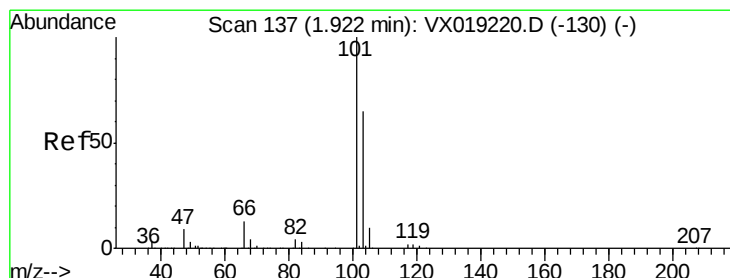
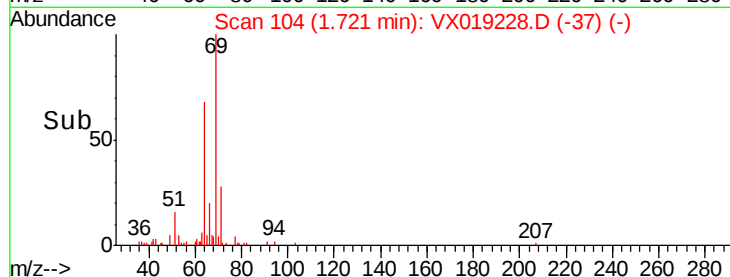
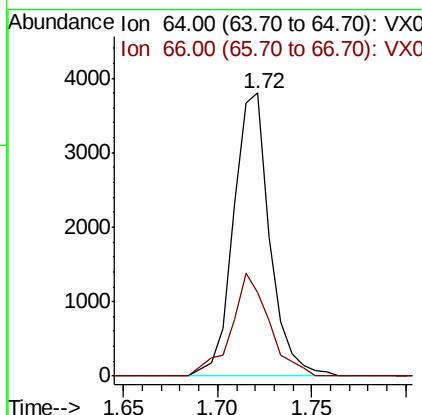
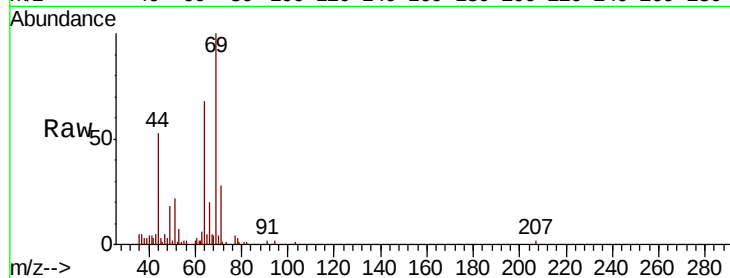




#8
Chloroethane
Concen: 2.580 ug/L
RT: 1.72 min Scan# 104
Delta R.T. 0.01 min
Lab File: VX019228.D
Acq: 03 Nov 2020 12:40

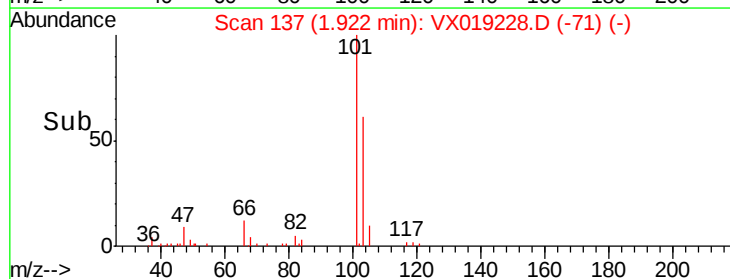
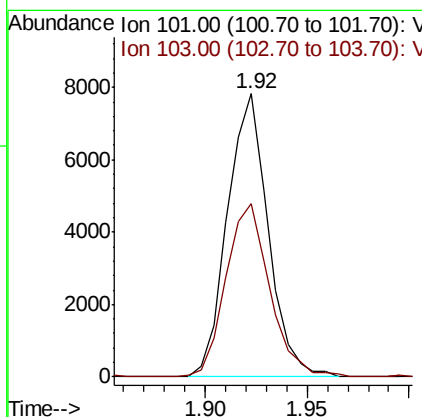
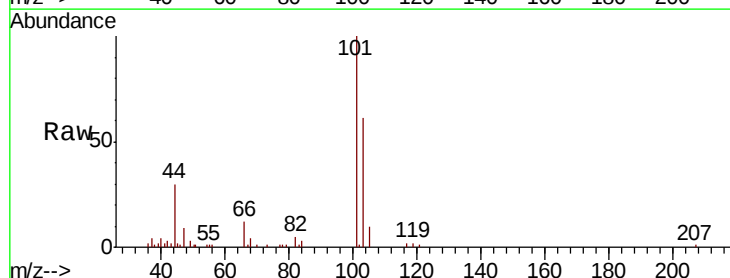
Instrument :
MSVOA_X
ClientSampleId :

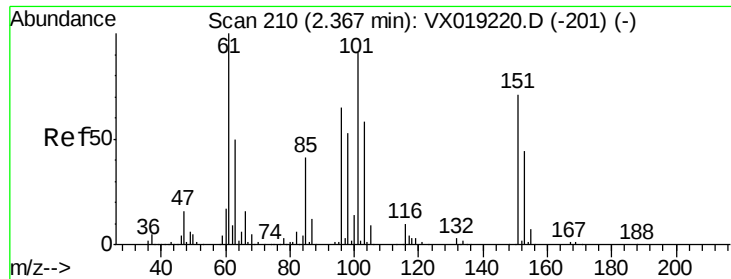
Tot Ion: 64 Resp: 5075
Ion Ratio Lower Upper
64 100
66 29.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 2.311 ug/L
RT: 1.92 min Scan# 137
Delta R.T. 0.00 min
Lab File: VX019228.D
Acq: 03 Nov 2020 12:40

Tgt Ion: 101 Resp: 10818
Ion Ratio Lower Upper
101 100
103 65.1 51.3 76.9





#10

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

Concen: 3.001 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

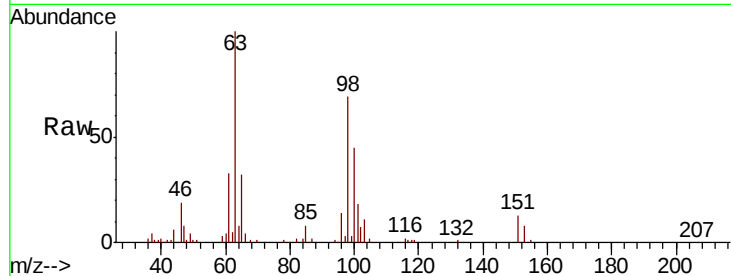
Tot Ion:101 Resp: 8103

Ion Ratio Lower Upper

101 100

85 33.3 35.0 52.4#

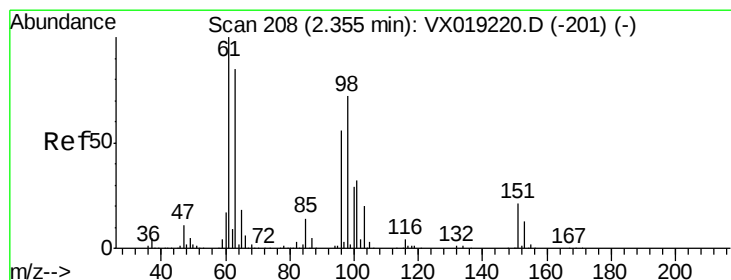
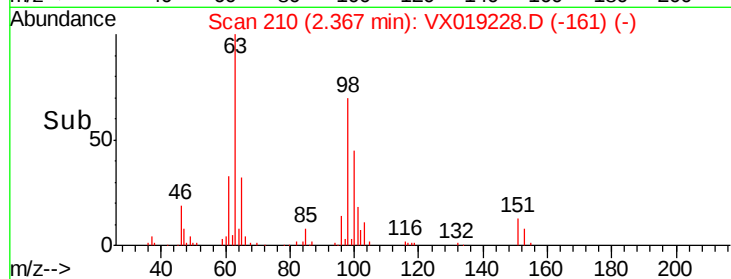
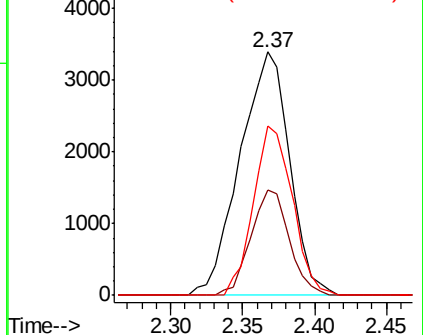
151 54.6 59.9 89.9#



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: 2.879 ug/L

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

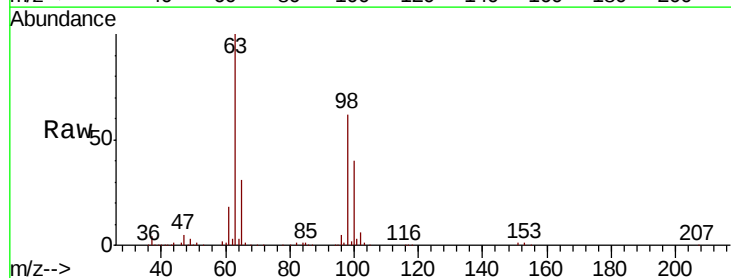
Tgt Ion: 96 Resp: 7545

Ion Ratio Lower Upper

96 100

61 396.0 115.1 213.8#

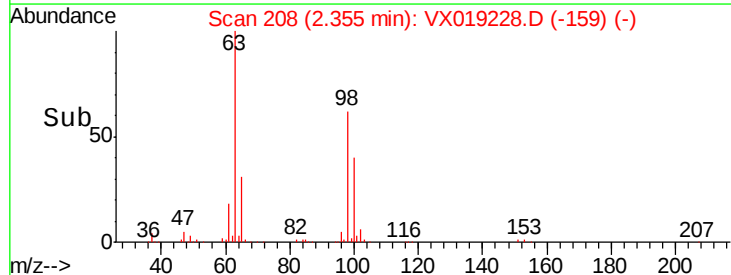
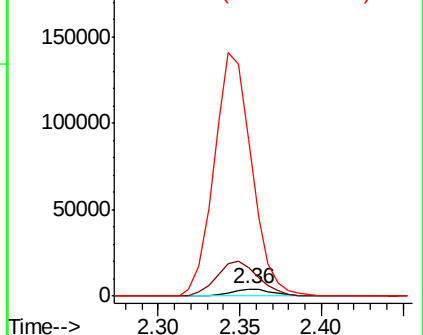
63 2203.9 78.3 145.5#

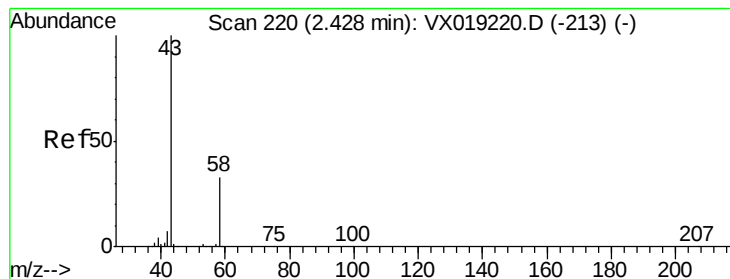


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 5.119 ug/L

RT: 2.43 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

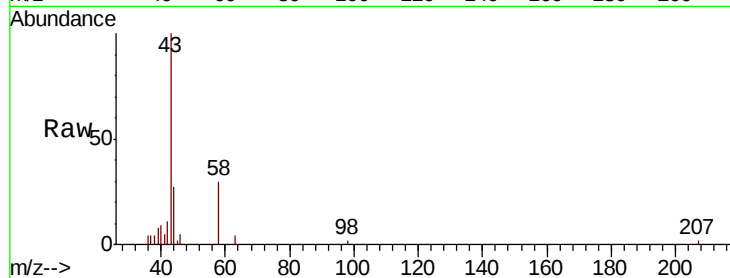
ClientSampleId :

Tot Ion: 43 Resp: 6042

Ion Ratio Lower Upper

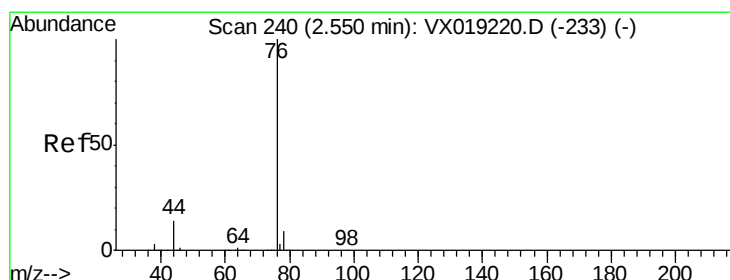
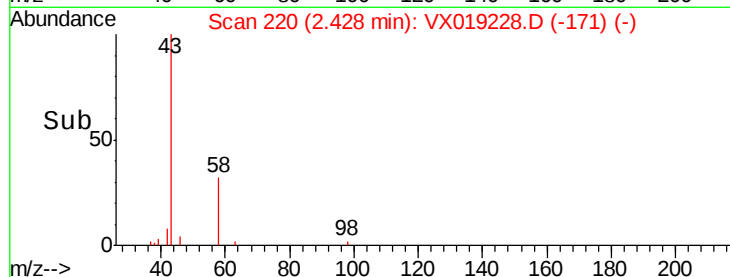
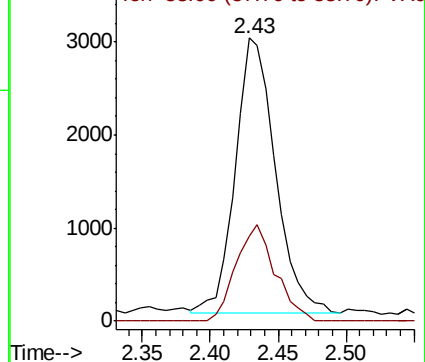
43 100

58 34.5 0.0 64.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#14

Carbon disulfide

Concen: 2.196 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX019228.D

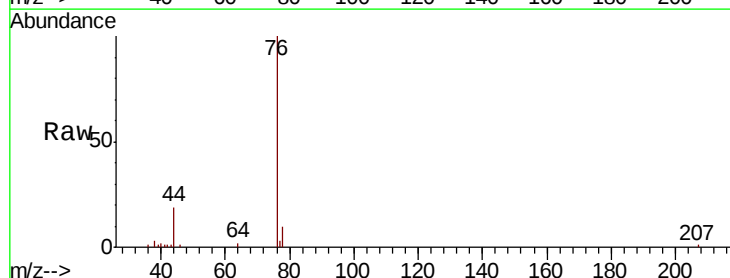
Acq: 03 Nov 2020 12:40

Tgt Ion: 76 Resp: 17366

Ion Ratio Lower Upper

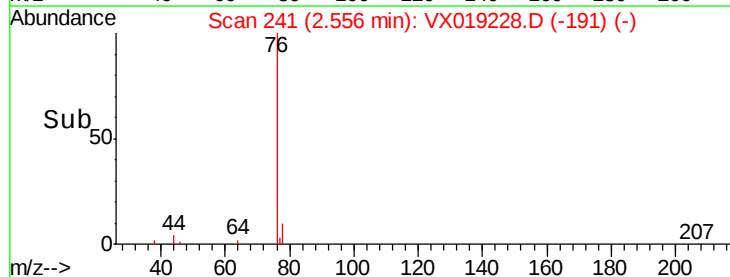
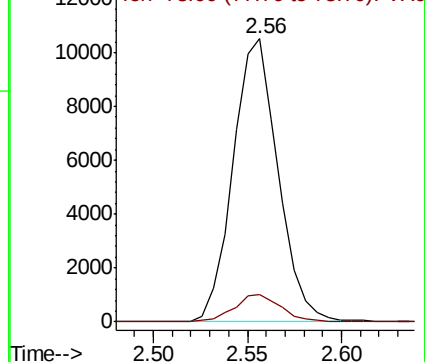
76 100

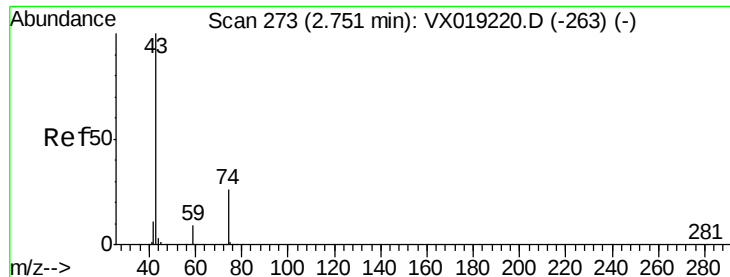
78 9.7 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#15

Methyl Acetate

Concen: 2.710 ug/L

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

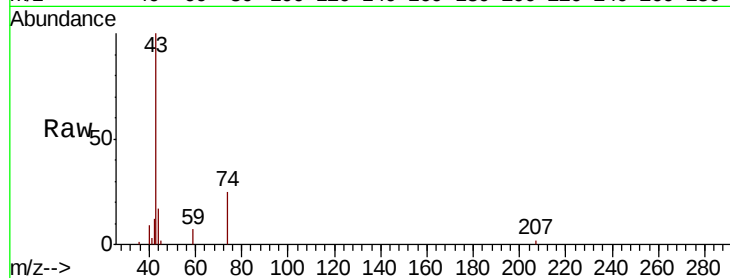
ClientSampleId :

Tot Ion: 43 Resp: 6979

Ion Ratio Lower Upper

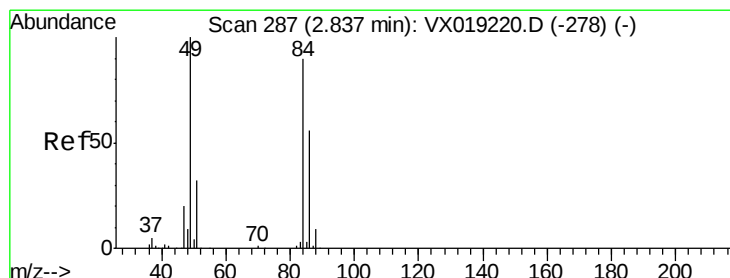
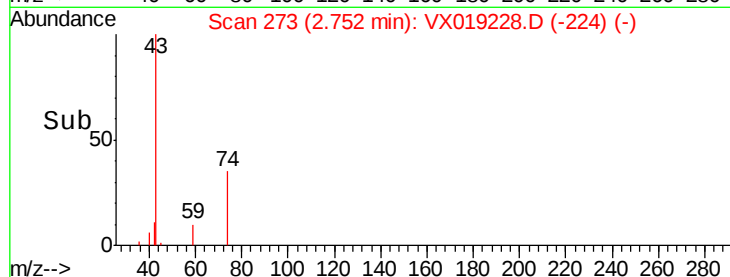
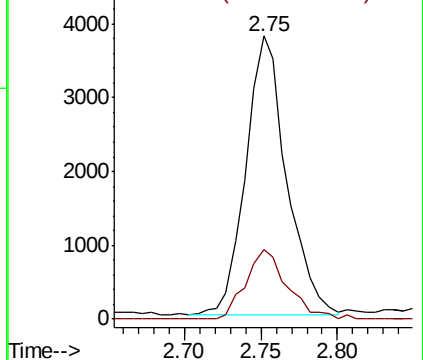
43 100

74 24.6 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#16

Methylene chloride

Concen: 2.600 ug/L

RT: 2.84 min Scan# 287

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

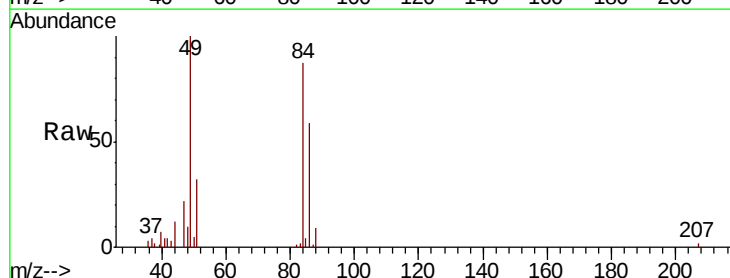
Tgt Ion: 84 Resp: 7596

Ion Ratio Lower Upper

84 100

86 67.7 44.0 81.6

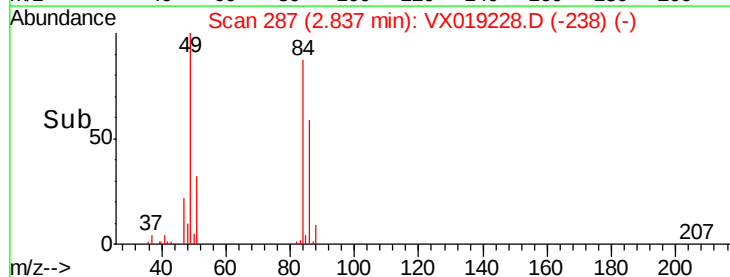
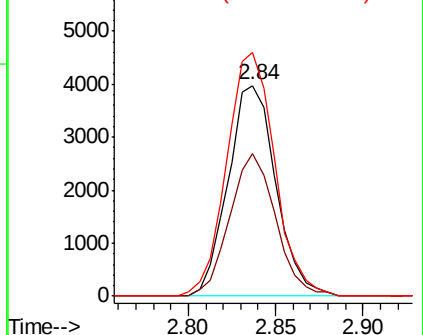
49 115.5 80.6 149.6

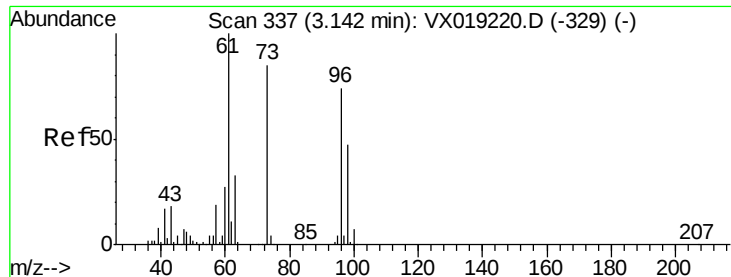


Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.00 (48.70 to 49.70): VX0





#17

trans-1,2-Dichloroethene

Concen: 2.303 ug/L

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

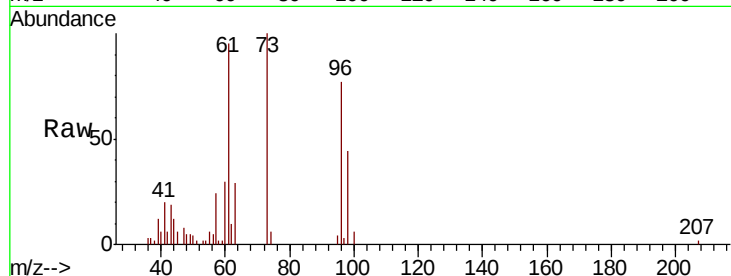
Tot Ion: 96 Resp: 6487

Ion Ratio Lower Upper

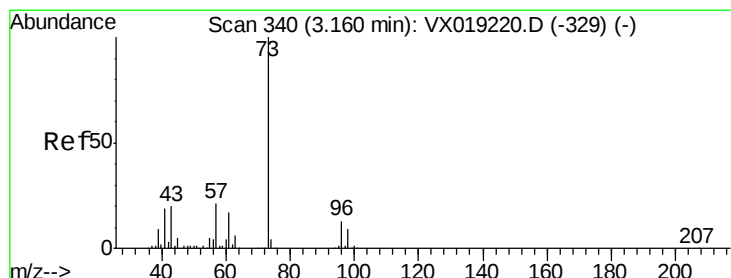
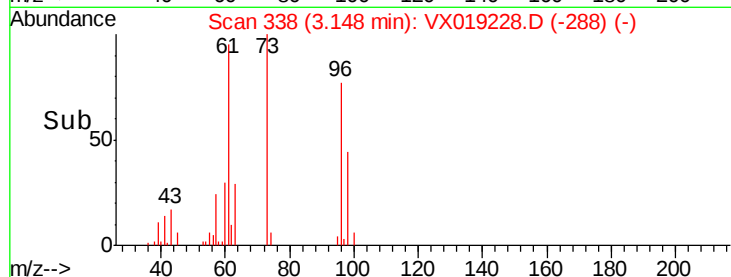
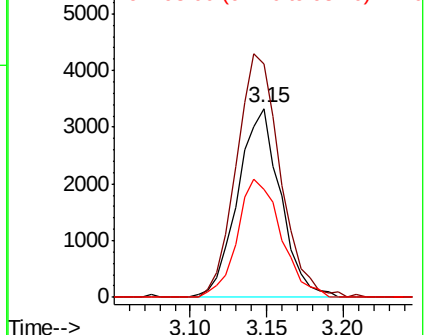
96 100

61 123.5 95.7 177.7

98 57.4 44.2 82.0



Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 98.00 (97.70 to 98.70): VX0



#18

Methyl tert-butyl Ether

Concen: 2.263 ug/L

RT: 3.17 min Scan# 341

Delta R.T. 0.01 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

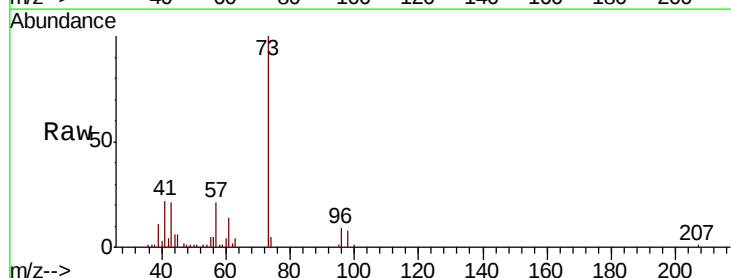
Tgt Ion: 73 Resp: 20153

Ion Ratio Lower Upper

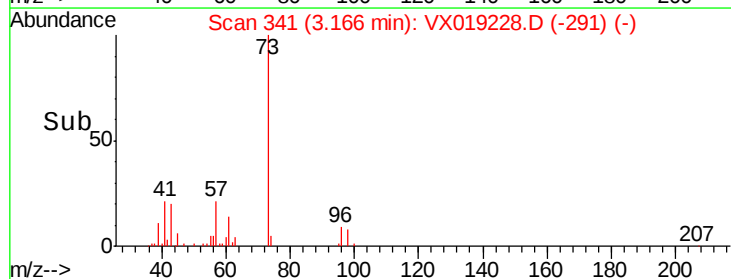
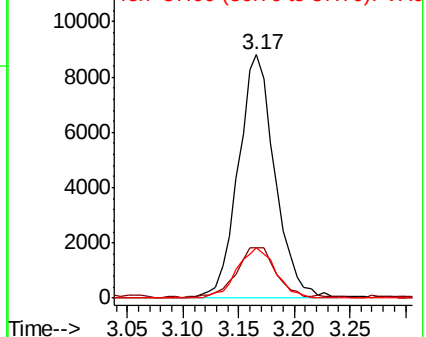
73 100

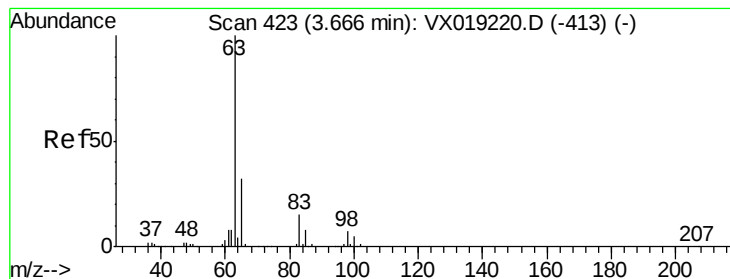
43 22.9 15.8 23.6

57 21.6 17.0 25.4



Abundance Ion 73.00 (72.70 to 73.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#19

1,1-Dichloroethane

Concen: 2.286 ug/L

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

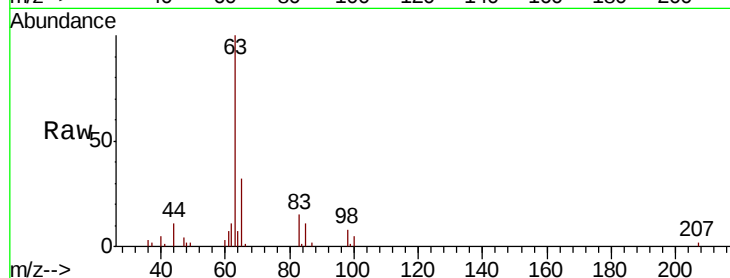
Tot Ion: 63 Resp: 11442

Ion Ratio Lower Upper

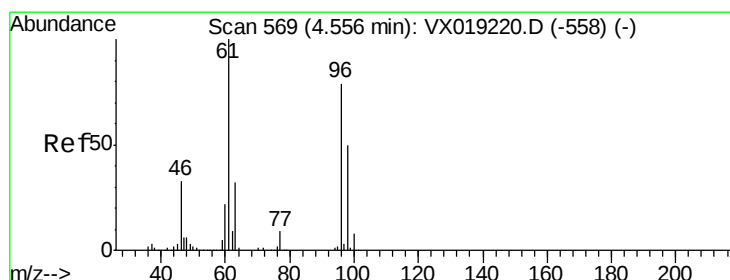
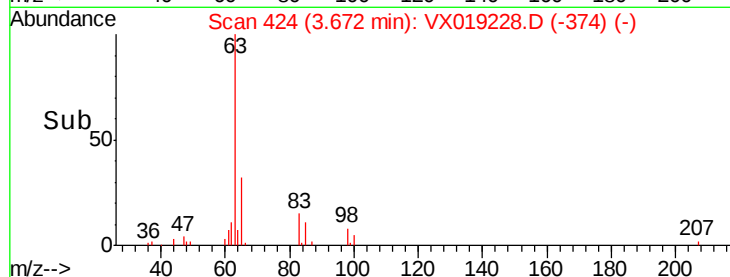
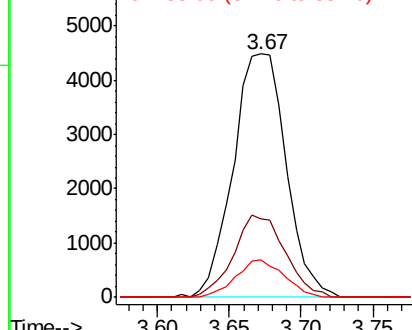
63 100

65 32.5 22.3 41.3

83 15.2 9.7 18.1



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: 2.263 ug/L

RT: 4.56 min Scan# 570

Delta R.T. 0.01 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

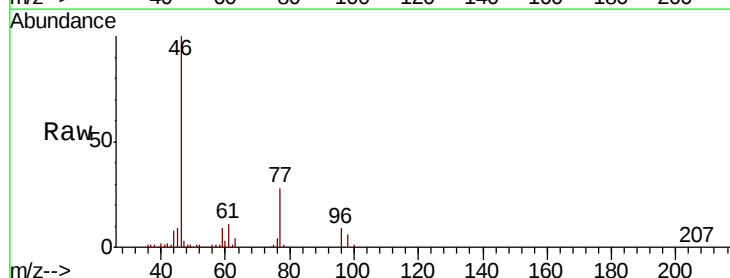
Tgt Ion: 96 Resp: 7001

Ion Ratio Lower Upper

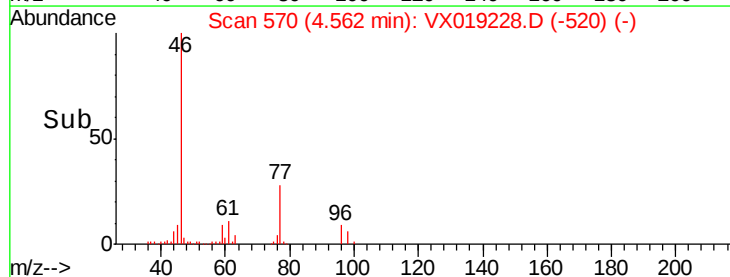
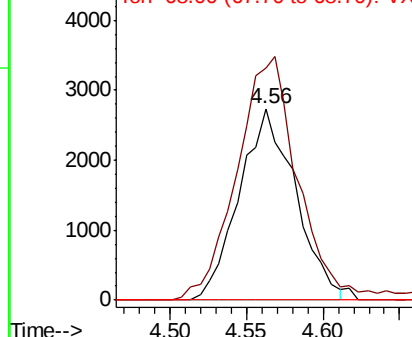
96 100

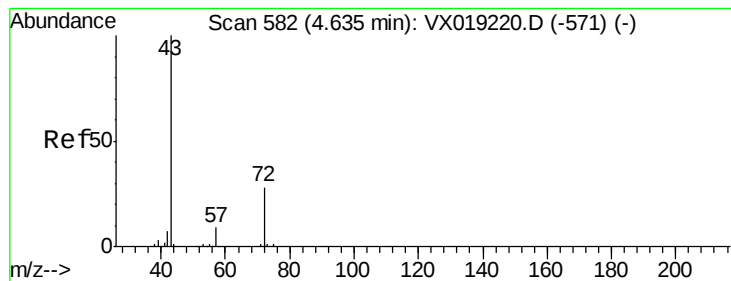
61 121.4 86.1 159.9

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: 4.778 ug/L

RT: 4.65 min Scan# 585

Delta R.T. 0.02 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

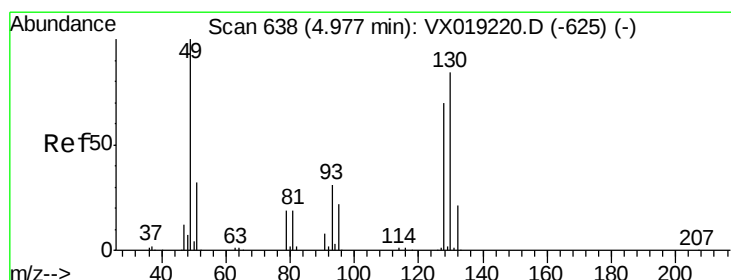
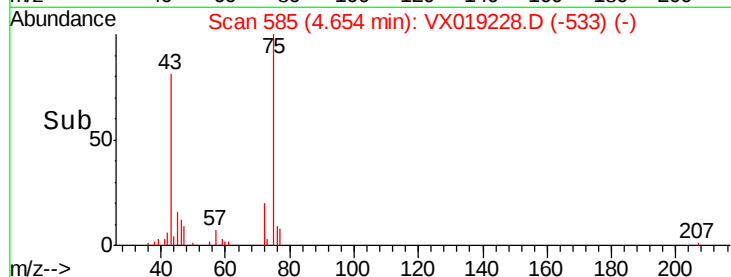
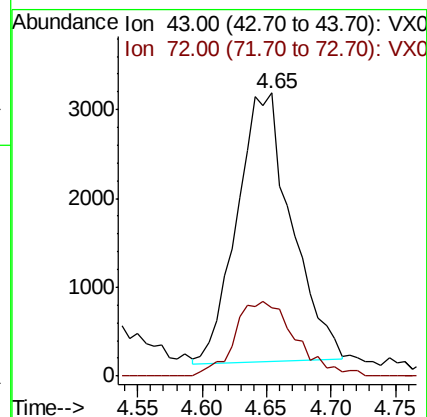
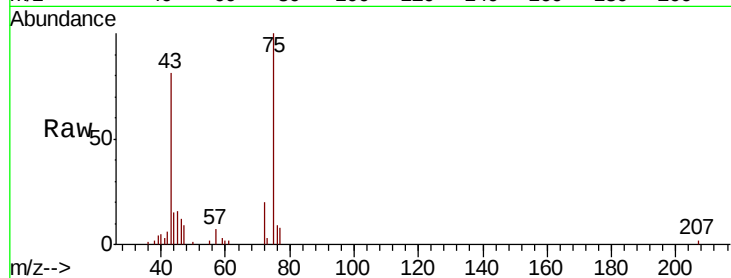
ClientSampleId :

Tot Ion: 43 Resp: 8906

Ion Ratio Lower Upper

43 100

72 30.6 15.0 45.0



#23

Bromochloromethane

Concen: 2.227 ug/L

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Tgt Ion:128 Resp: 3471

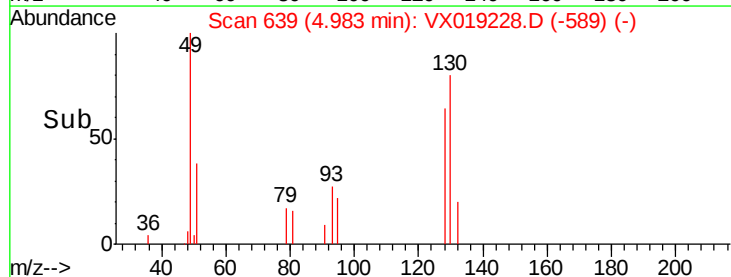
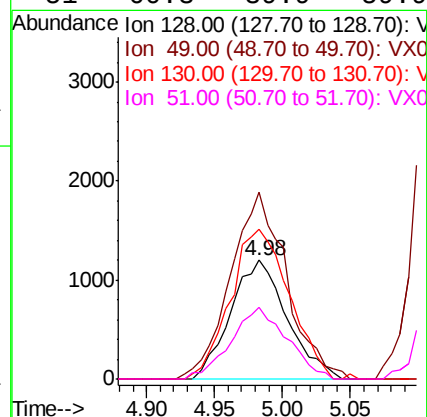
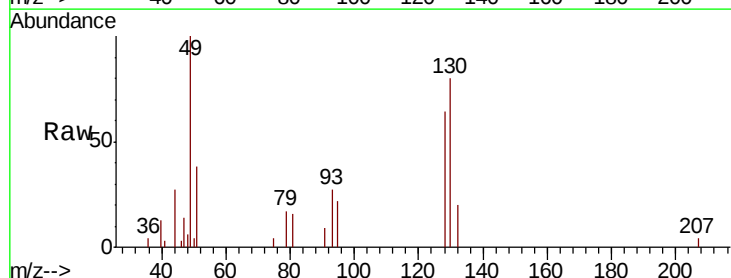
Ion Ratio Lower Upper

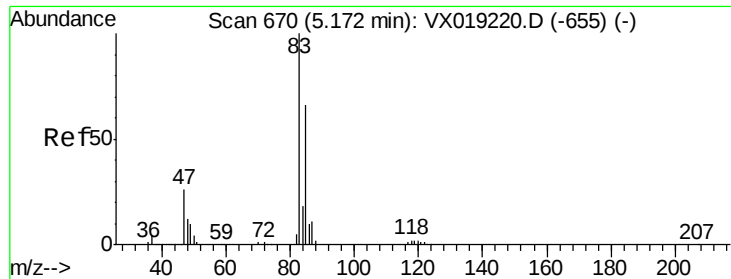
128 100

49 156.9 108.4 201.4

130 125.7 96.7 179.7

51 60.3 39.9 59.9#

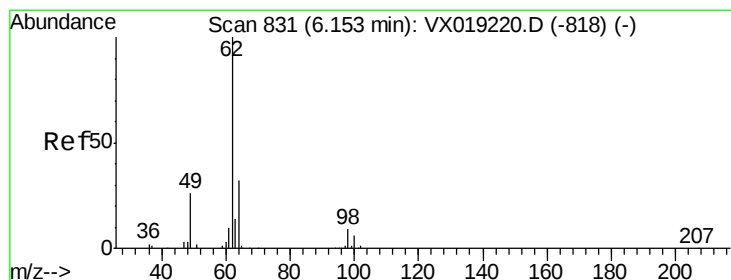
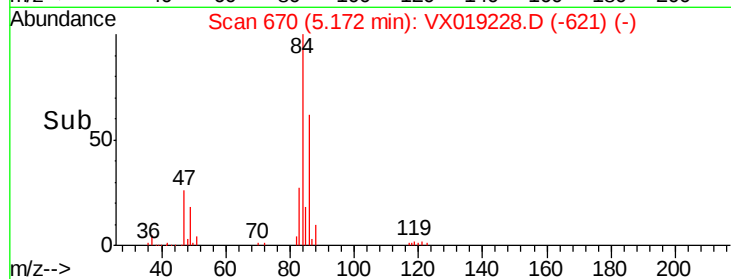
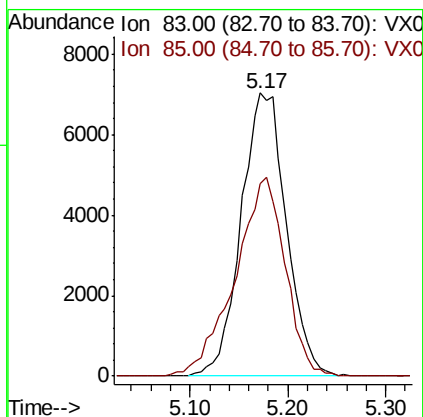
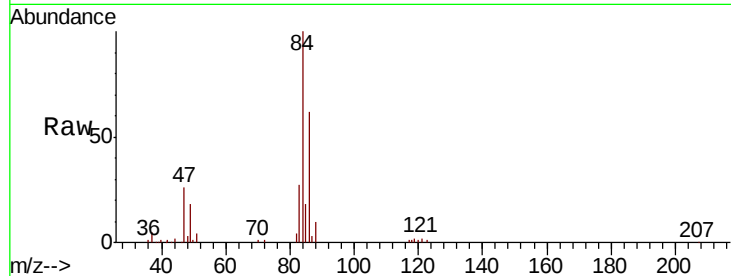




#25
Chloroform
Concen: 4.298 ug/L
RT: 5.17 min Scan# 670
Delta R.T. 0.00 min
Lab File: VX019228.D
Acq: 03 Nov 2020 12:40

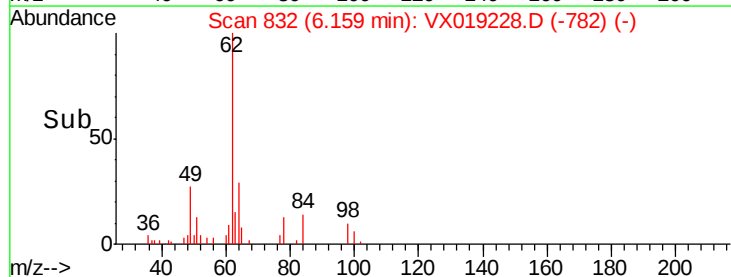
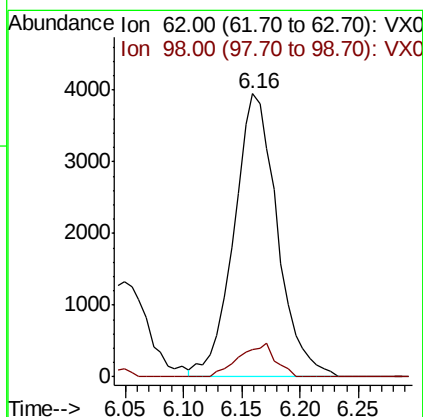
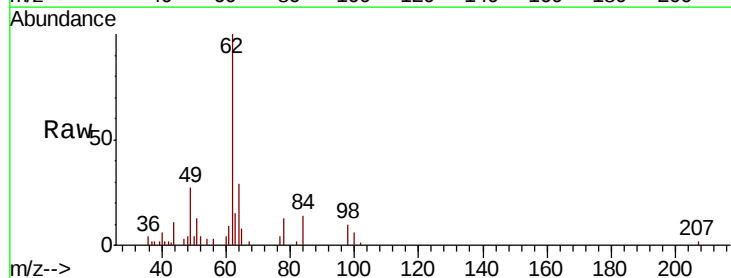
Instrument :
MSVOA_X
ClientSampled :

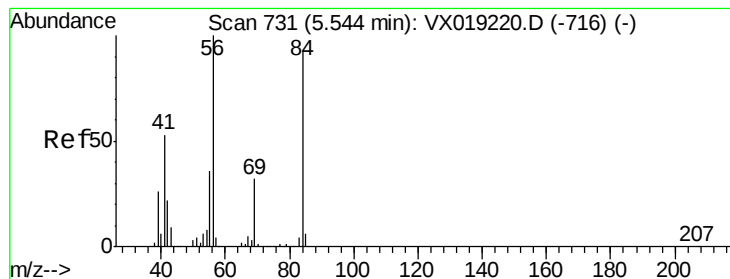
Tot Ion: 83 Resp: 22581
Ion Ratio Lower Upper
83 100
85 67.8 46.5 86.3



#27
1,2-Dichloroethane
Concen: 2.477 ug/L
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019228.D
Acq: 03 Nov 2020 12:40

Tgt Ion: 62 Resp: 10245
Ion Ratio Lower Upper
62 100
98 9.5 7.6 11.4





#29

Cyclohexane

Concen: 2.222 ug/L

RT: 5.54 min Scan# 731

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

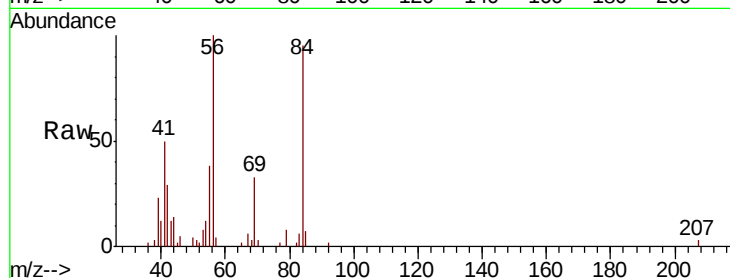
Tot Ion: 56 Resp: 10210

Ion Ratio Lower Upper

56 100

69 32.4 25.2 37.8

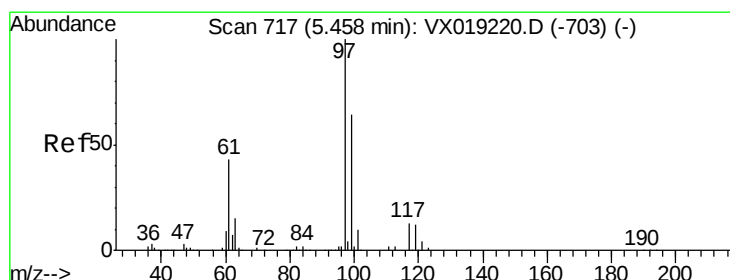
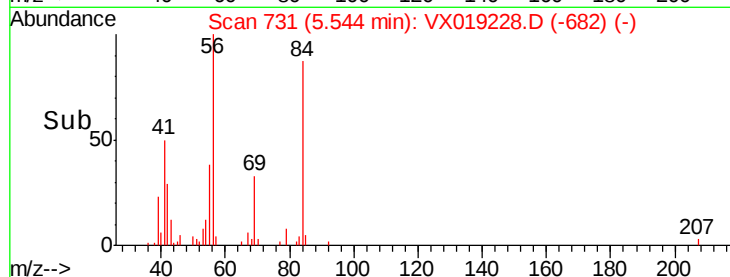
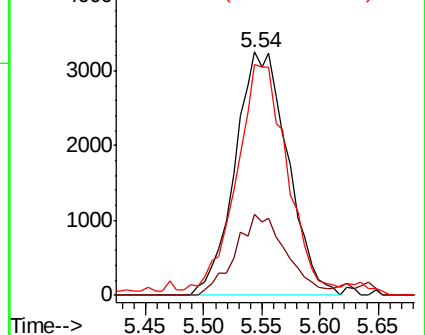
84 93.3 73.6 110.4



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: 2.272 ug/L

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

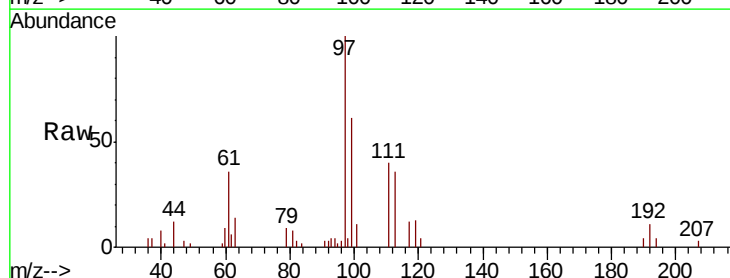
Tgt Ion: 97 Resp: 10936

Ion Ratio Lower Upper

97 100

99 64.1 51.0 76.6

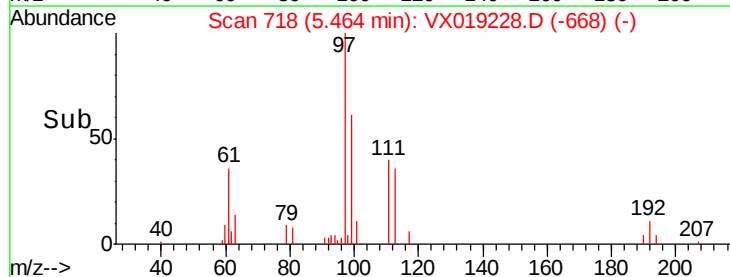
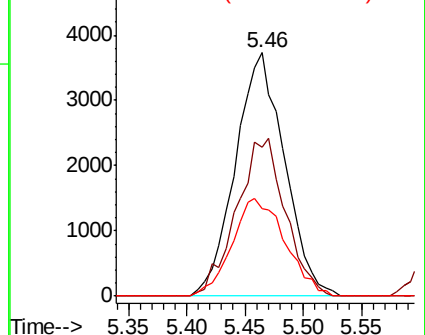
61 43.3 34.8 52.2

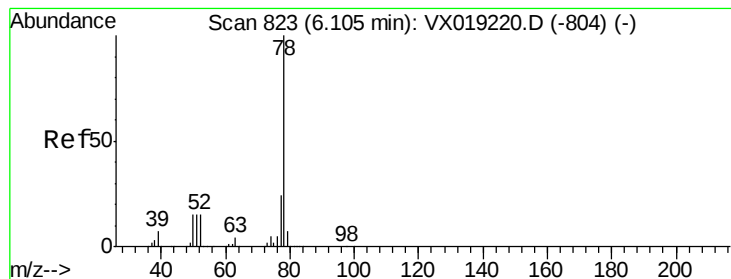


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.05 (60.75 to 61.75): VX0





#33

Benzene

Concen: 2.387 ug/L

RT: 6.12 min Scan# 825

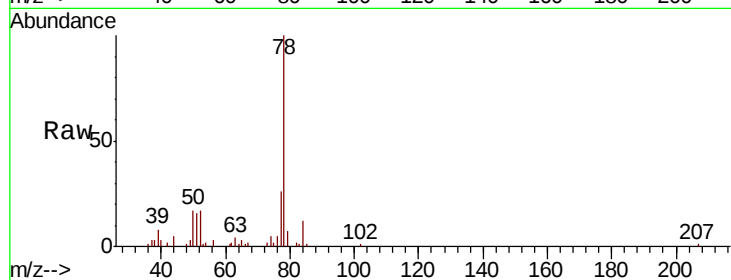
Delta R.T. 0.01 min

Lab File: VX019228.D

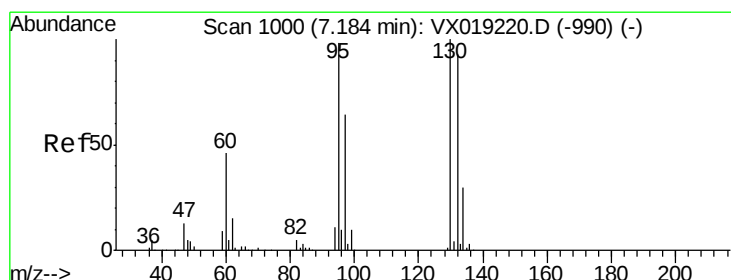
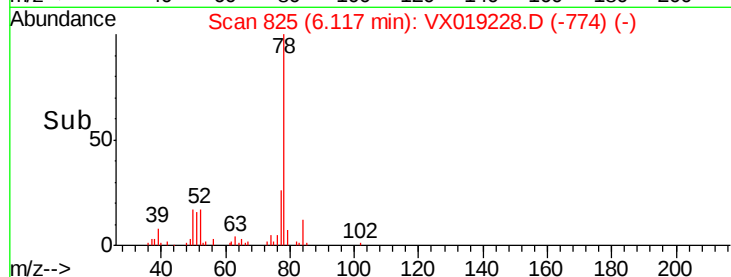
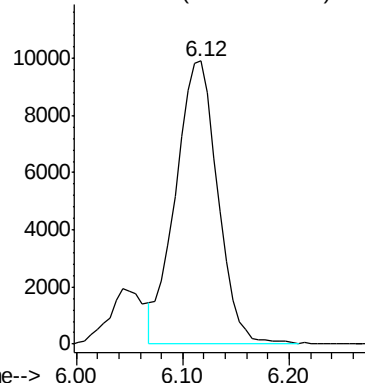
Acq: 03 Nov 2020 12:40

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 78 Resp: 27354



Abundance Ion 78.00 (77.70 to 78.70): VX0



#34

Trichloroethene

Concen: 2.312 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Tgt Ion: 95 Resp: 7232

Ion	Ratio	Lower	Upper
95	100		
97	64.5	45.1	83.9
132	104.9	67.3	124.9
130	103.5	69.9	129.9

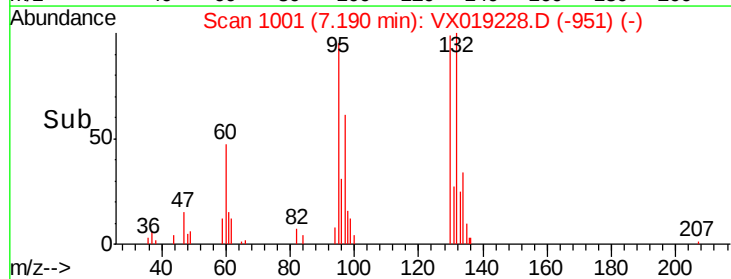
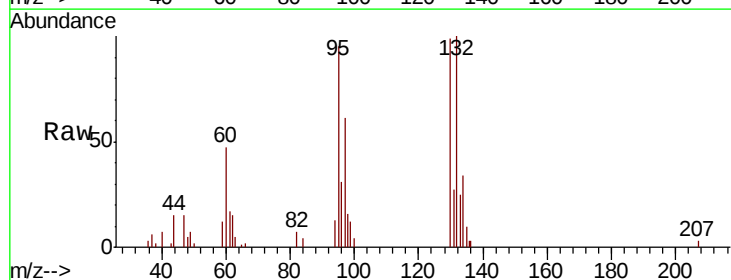
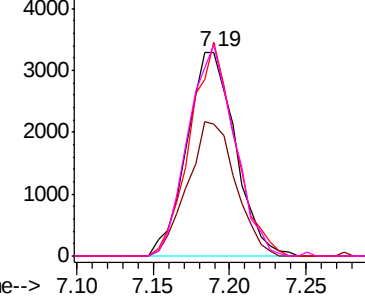
97	64.5	45.1	83.9
132	104.9	67.3	124.9
130	103.5	69.9	129.9

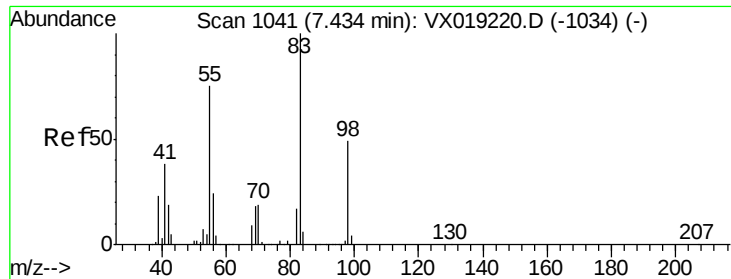
Abundance Ion 95.00 (94.70 to 95.70): VX0

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

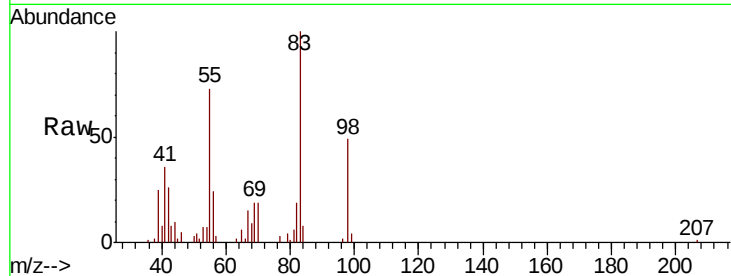




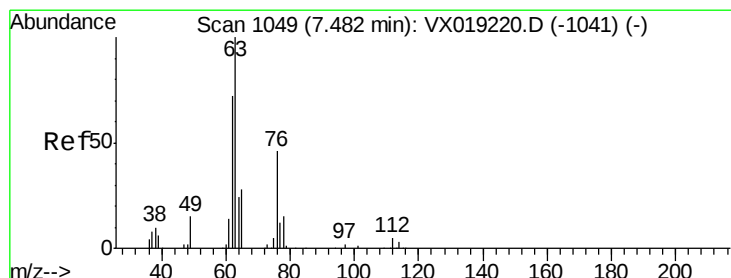
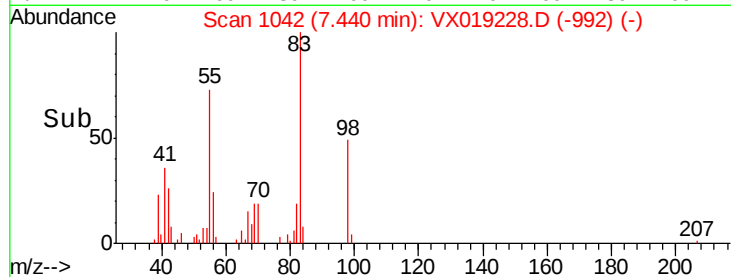
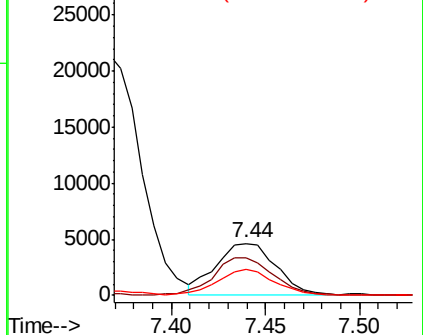
#35
Methvlcvclohexane
Concen: 2.088 ug/L
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019228.D
Acq: 03 Nov 2020 12:40

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 10337
Ion Ratio Lower Upper
83 100
55 72.4 58.6 87.8
98 47.1 39.0 58.6

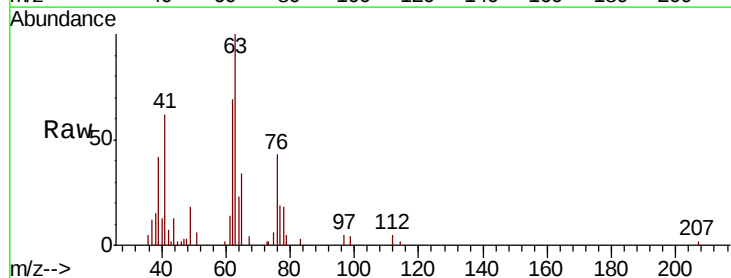


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

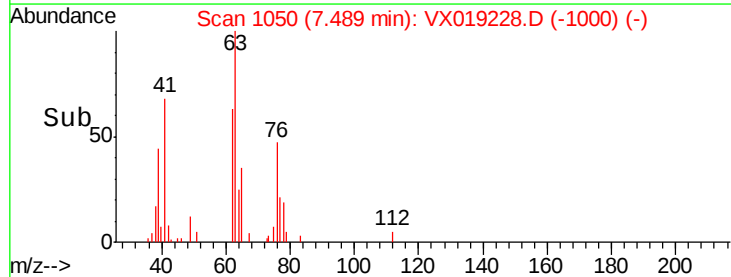
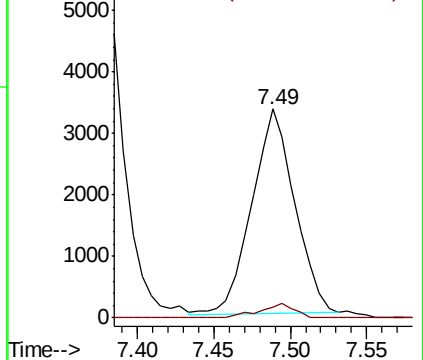


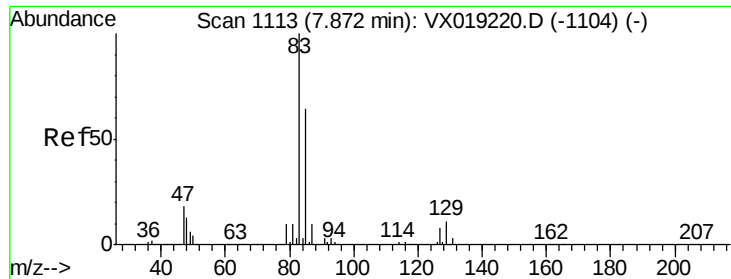
#37
1,2-Dichloropropane
Concen: 2.286 ug/L
RT: 7.49 min Scan# 1050
Delta R.T. 0.01 min
Lab File: VX019228.D
Acq: 03 Nov 2020 12:40

Tgt Ion: 63 Resp: 6509
Ion Ratio Lower Upper
63 100
112 5.7 3.8 5.6#



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 112.00 (111.70 to 112.70): V





#38

Bromodichloromethane

Concen: 2.192 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

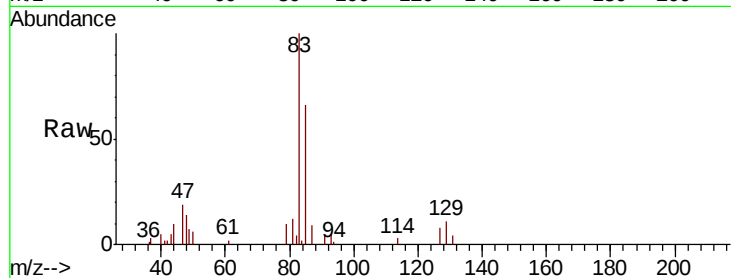
Tot Ion: 83 Resp: 8680

Ion Ratio Lower Upper

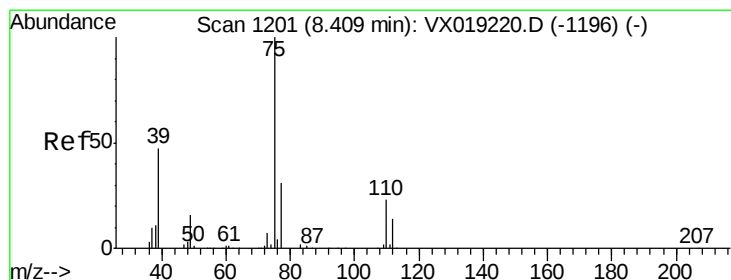
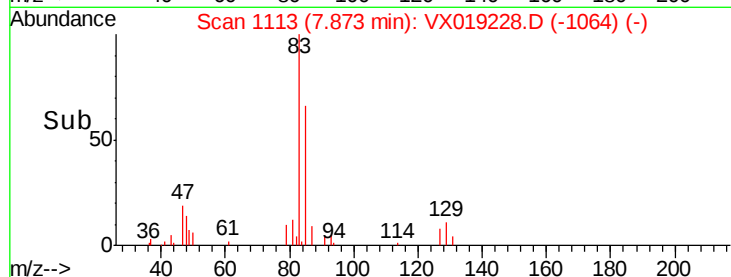
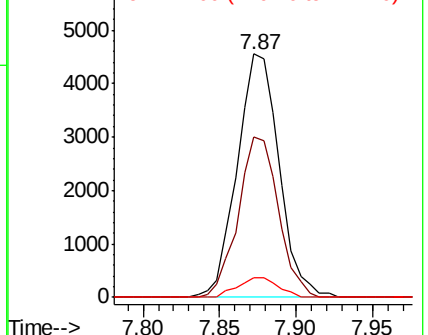
83 100

85 65.8 44.6 82.8

127 8.0 6.8 10.2



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): VX0



#39

cis-1,3-Dichloropropene

Concen: 2.224 ug/L

RT: 8.42 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VX019228.D

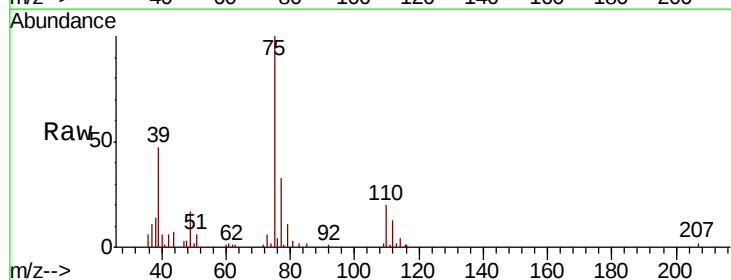
Acq: 03 Nov 2020 12:40

Tgt Ion: 75 Resp: 10520

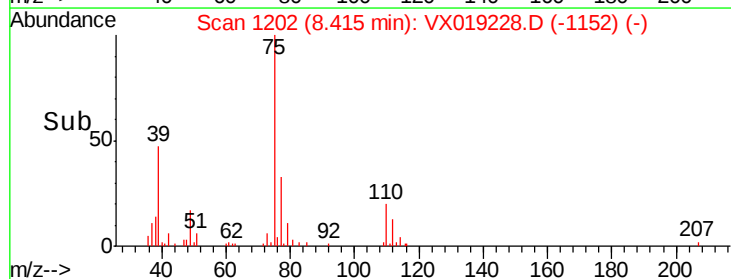
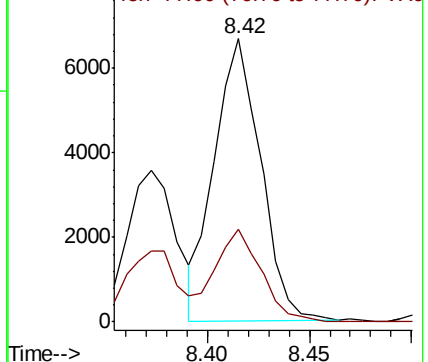
Ion Ratio Lower Upper

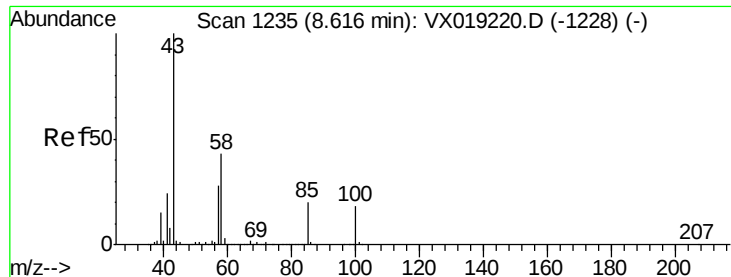
75 100

77 32.9 22.5 41.7



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

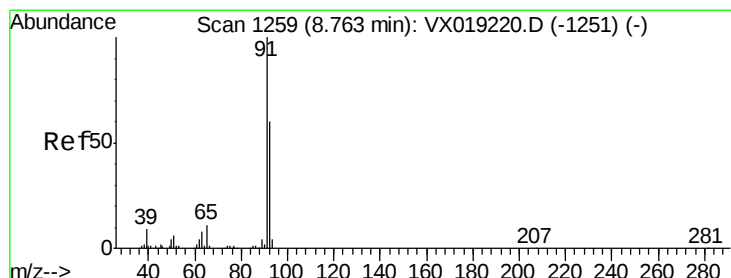
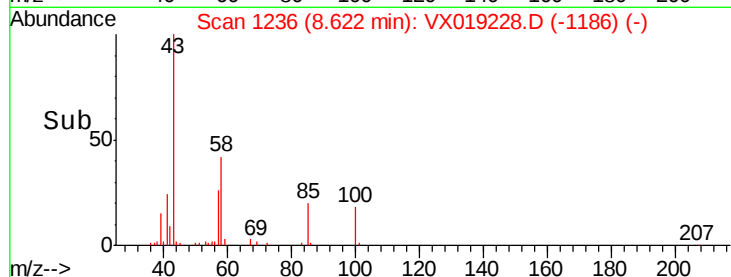
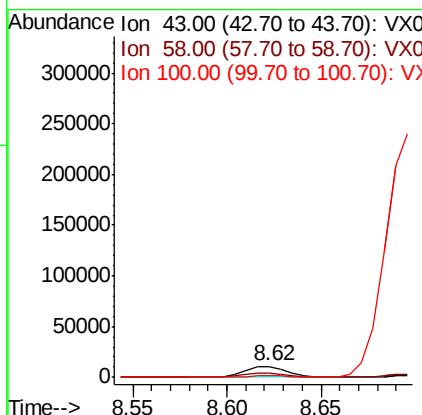
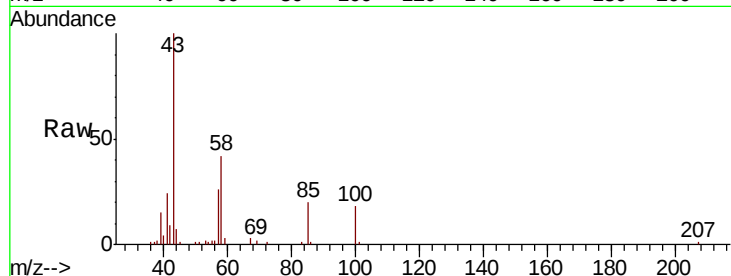




#40
4-Methyl-2-pentanone
Concen: 4.982 ug/L
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019228.D
Acq: 03 Nov 2020 12:40

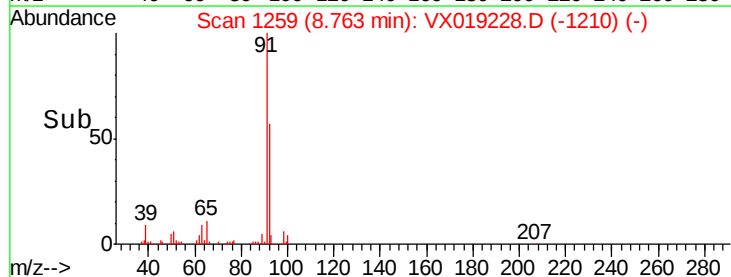
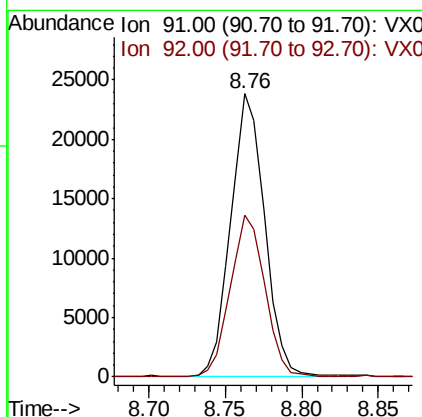
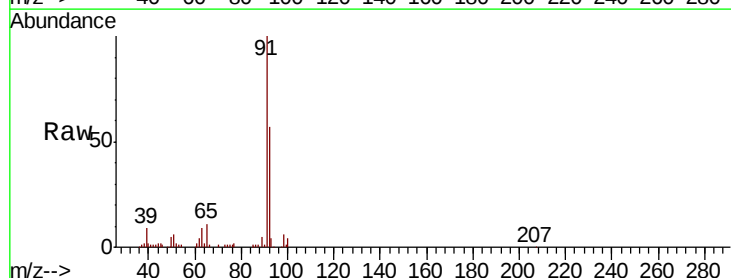
Instrument :
MSVOA_X
ClientSampled :

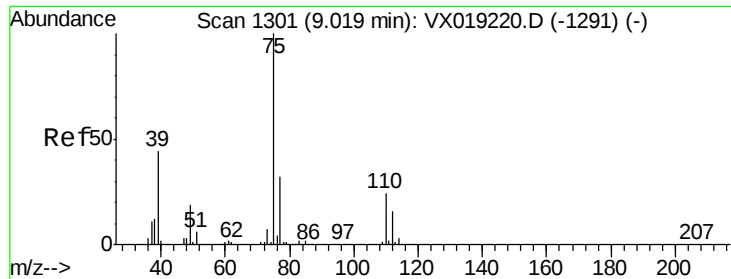
Tot Ion: 43 Resp: 17347
Ion Ratio Lower Upper
43 100
58 41.5 34.1 51.1
100 18.6 14.8 22.2



#42
Toluene
Concen: 2.960 ug/L
RT: 8.76 min Scan# 1259
Delta R.T. 0.00 min
Lab File: VX019228.D
Acq: 03 Nov 2020 12:40

Tgt Ion: 91 Resp: 36907
Ion Ratio Lower Upper
91 100
92 57.0 41.2 76.6





#44

trans-1,3-Dichloropropene

Concen: 2.100 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

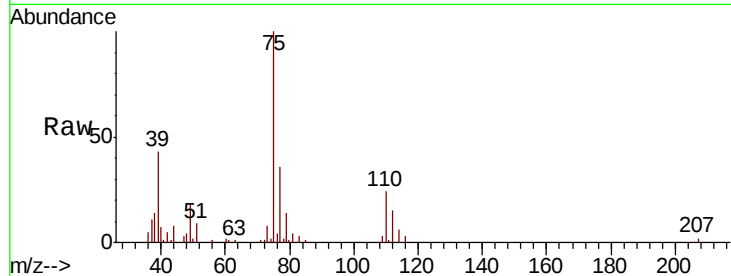
ClientSampled :

Tot Ion: 75 Resp: 9677

Ion Ratio Lower Upper

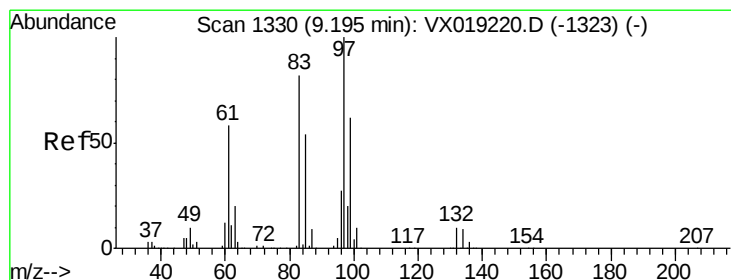
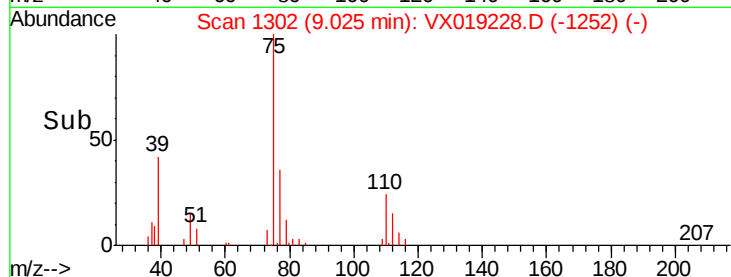
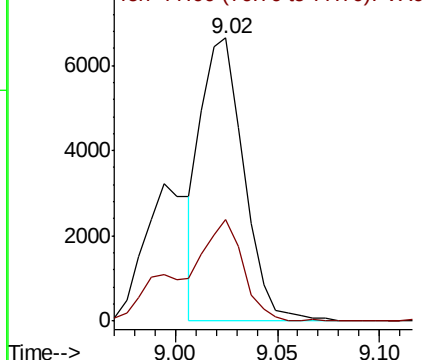
75 100

77 36.0 21.8 40.6



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: 2.280 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Tgt Ion: 97 Resp: 6377

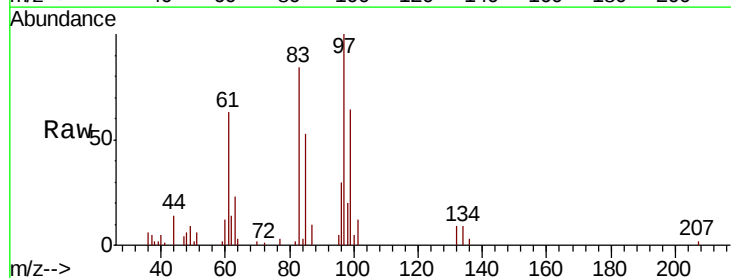
Ion Ratio Lower Upper

97 100

99 63.6 43.3 80.3

83 84.0 59.4 110.4

85 52.7 38.7 71.9

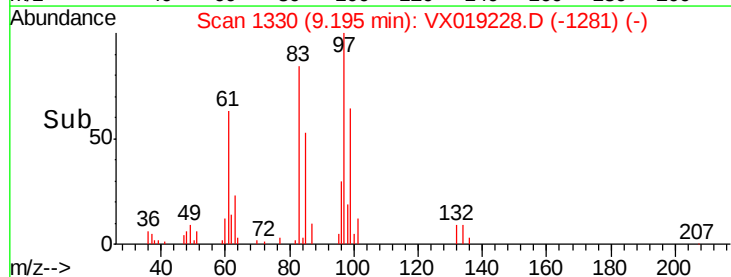
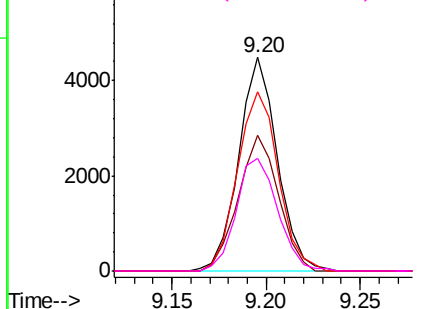


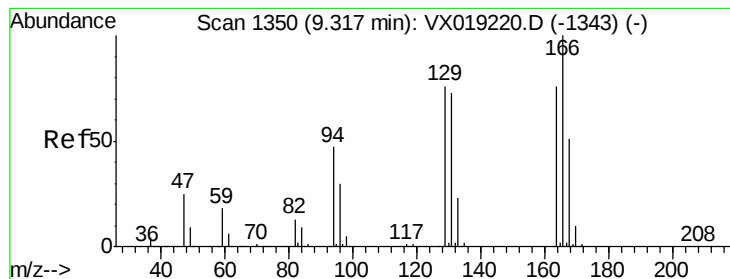
Abundance Ion 97.00 (96.70 to 97.70): VX0

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: 2.144 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:164 Resp: 5060

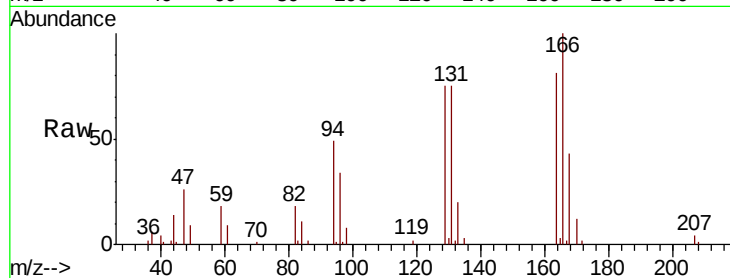
Ion Ratio Lower Upper

164 100

129 92.9 65.2 121.2

131 92.4 62.5 116.1

166 123.5 90.2 167.6

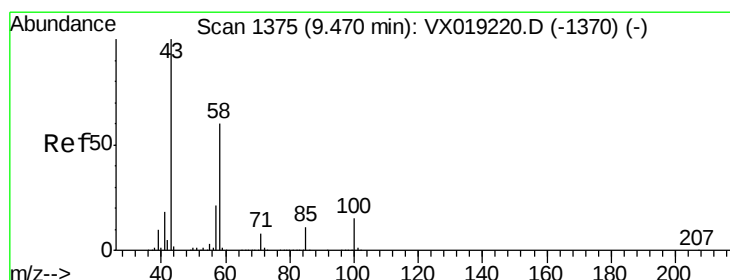
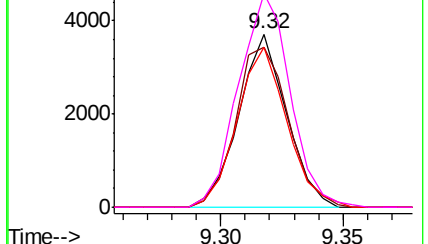
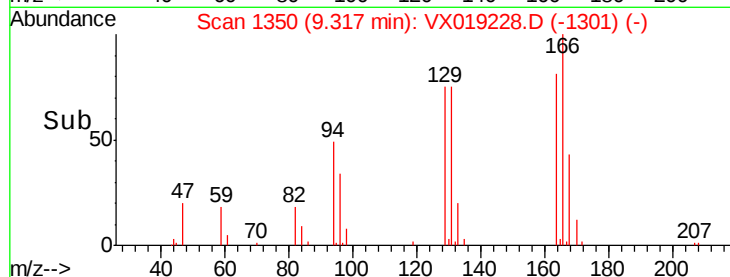


Abundance Ion 164.00 (163.70 to 164.70): V

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: 5.679 ug/L

RT: 9.48 min Scan# 1376

Delta R.T. 0.01 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Tgt Ion: 43 Resp: 15580

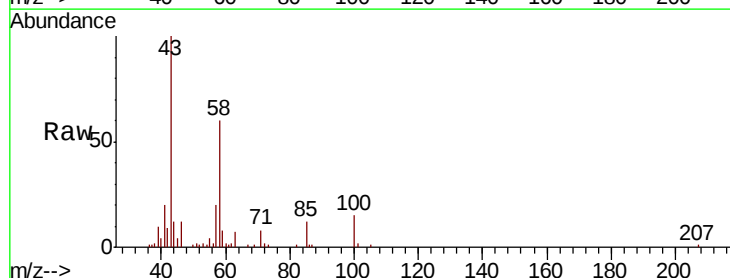
Ion Ratio Lower Upper

43 100

58 62.3 48.2 72.2

57 22.7 17.1 25.7

100 15.6 11.8 17.8

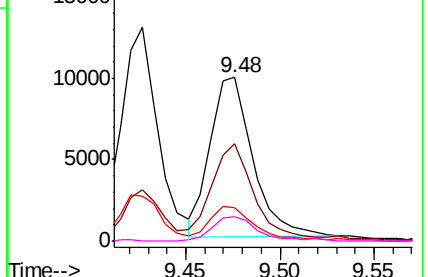
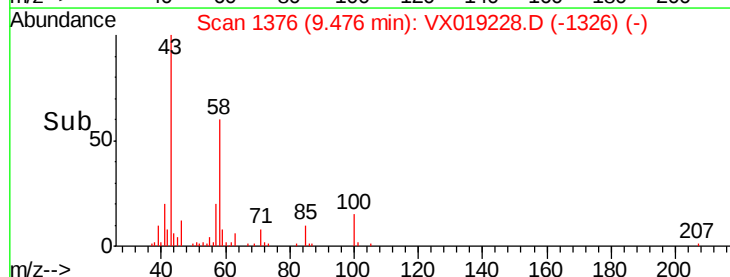


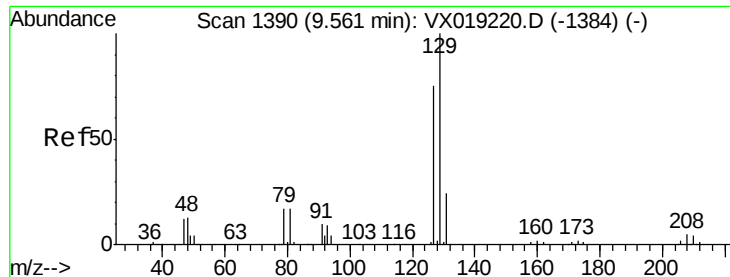
Abundance Ion 43.00 (42.70 to 43.70): VX0

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): VX0





#49

Dibromochloromethane

Concen: 2.170 ug/L

RT: 9.56 min Scan# 1390

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

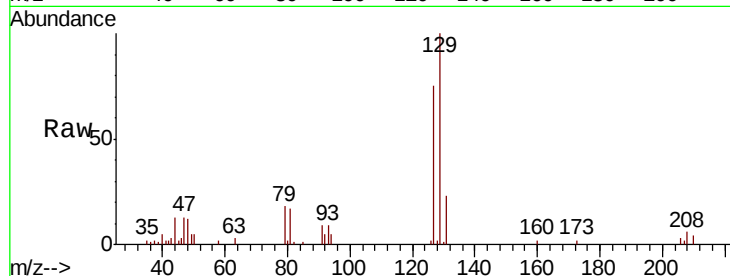
ClientSampled :

Tot Ion:129 Resp: 6638

Ion Ratio Lower Upper

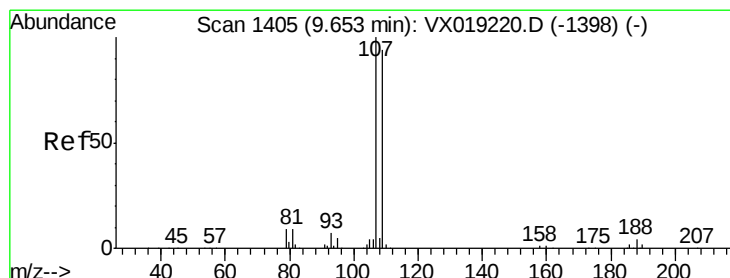
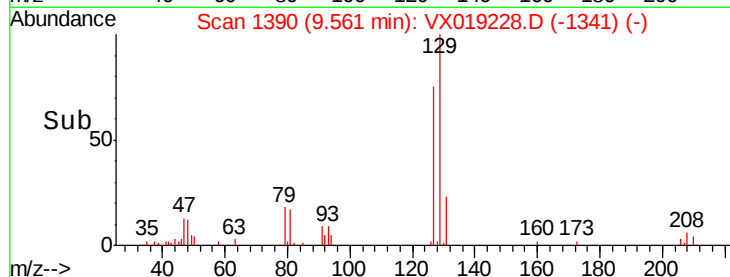
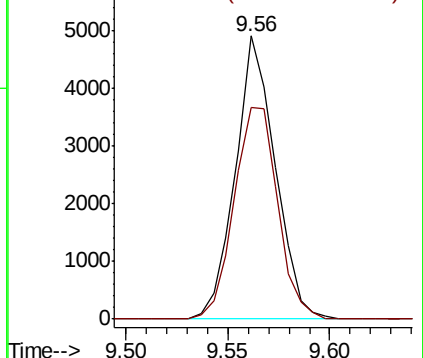
129 100

127 74.7 54.0 100.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#50

1,2-Dibromoethane

Concen: 2.343 ug/L

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

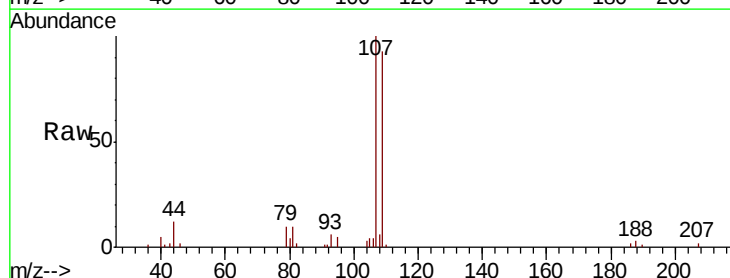
Tgt Ion:107 Resp: 6854

Ion Ratio Lower Upper

107 100

109 92.7 68.1 126.5

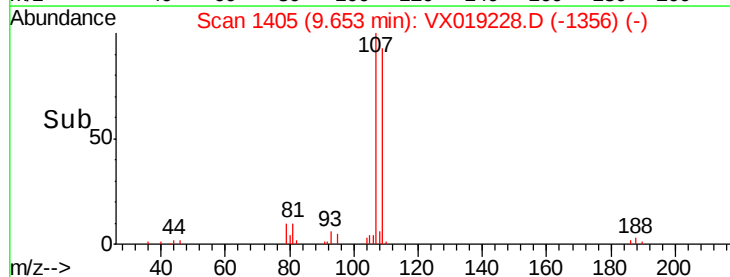
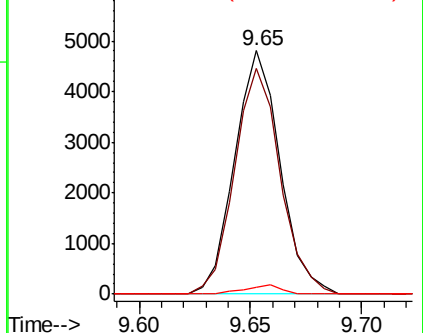
188 3.0 3.0 4.4

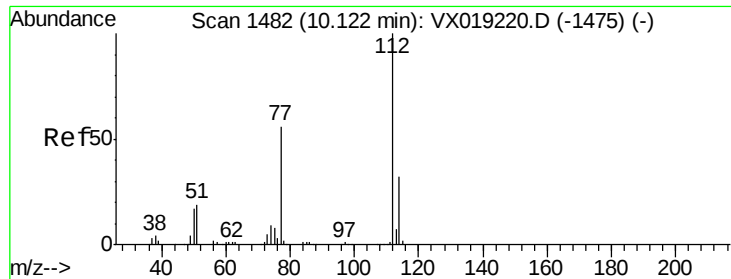


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V





#51

Chlorobenzene

Concen: 2.357 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

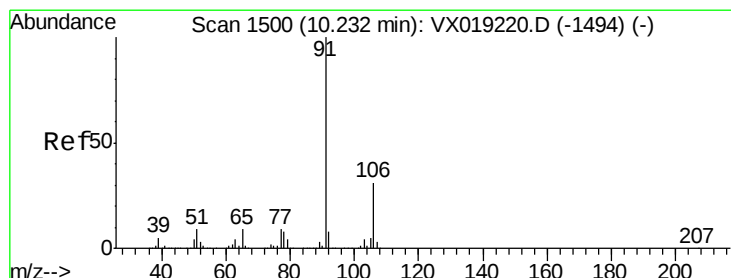
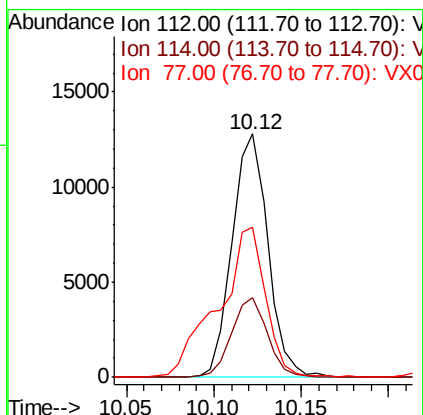
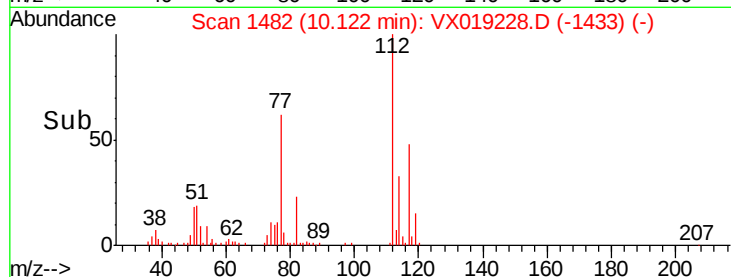
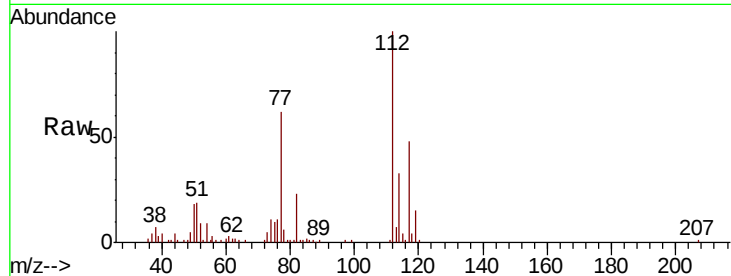
Tot Ion: 112 Resp: 18272

Ion Ratio Lower Upper

112 100

114 32.9 22.2 41.2

77 61.7 46.2 69.4



#52

Ethylbenzene

Concen: 2.325 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019228.D

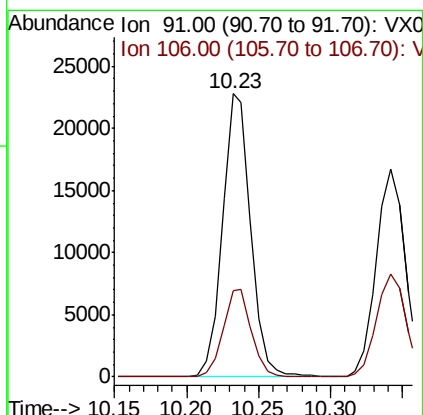
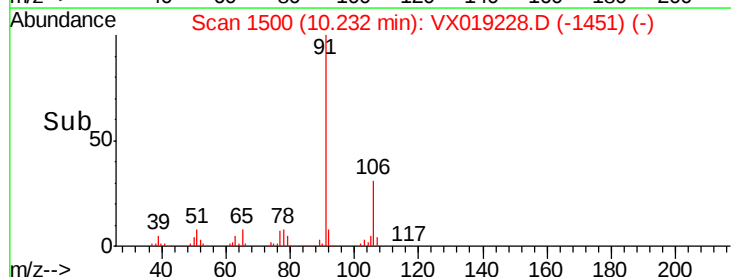
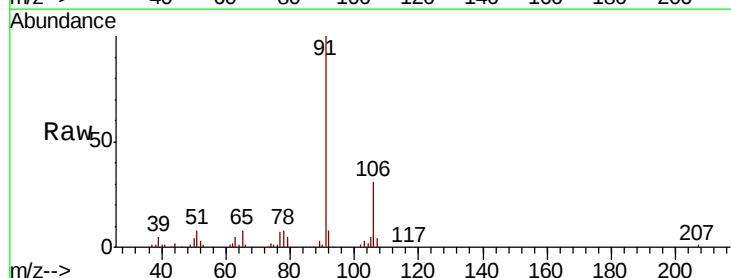
Acq: 03 Nov 2020 12:40

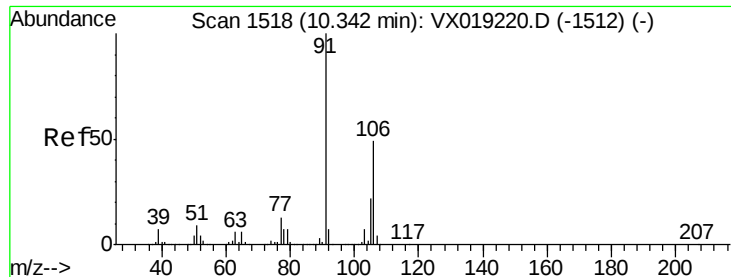
Tgt Ion: 91 Resp: 31336

Ion Ratio Lower Upper

91 100

106 30.5 21.5 39.9





#53

m,p-Xylene

Concen: 2.299 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

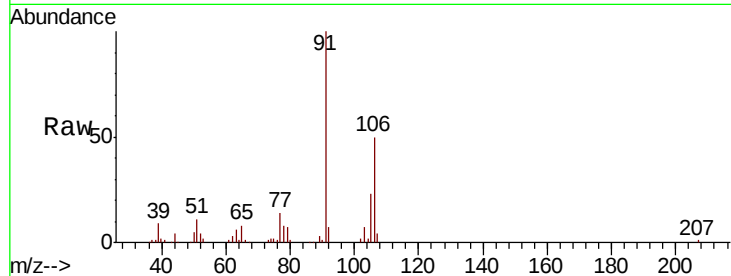
ClientSampled :

Tot Ion:106 Resp: 11642

Ion Ratio Lower Upper

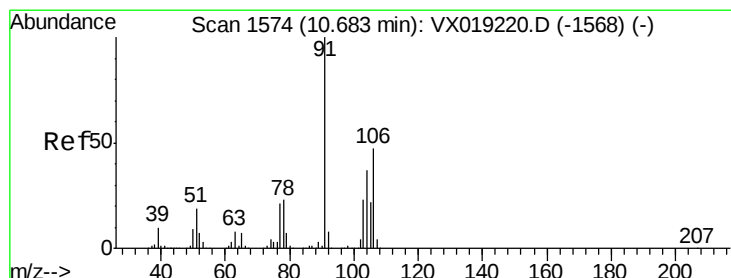
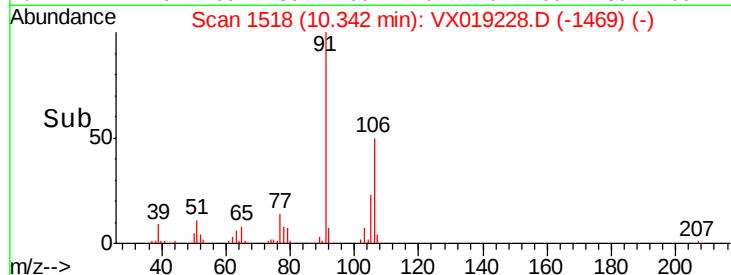
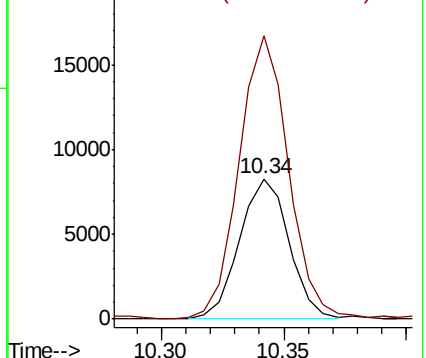
106 100

91 201.4 144.2 267.8



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#54

o-Xylene

Concen: 2.233 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX019228.D

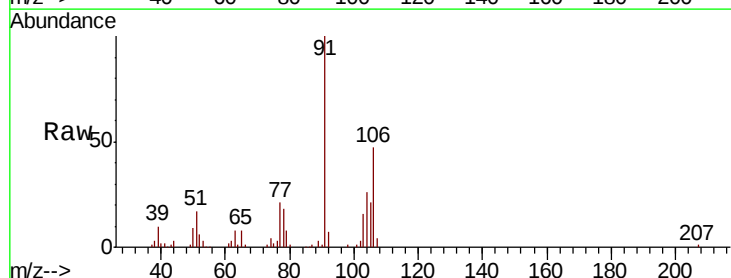
Acq: 03 Nov 2020 12:40

Tgt Ion:106 Resp: 10949

Ion Ratio Lower Upper

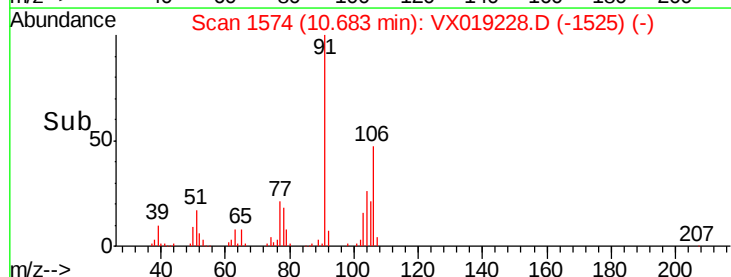
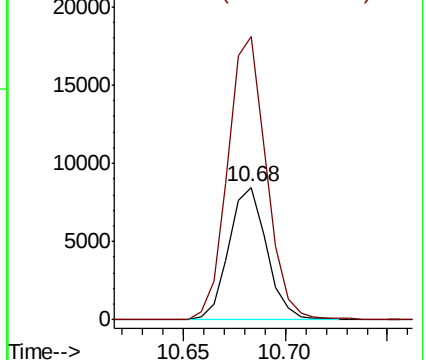
106 100

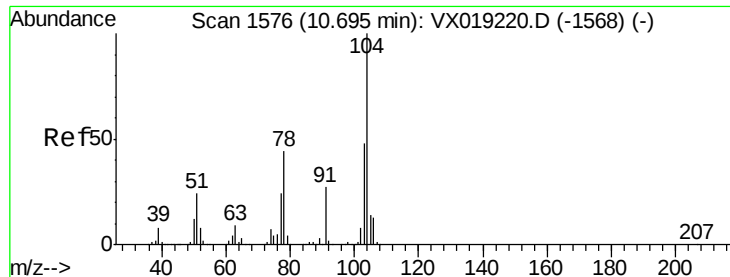
91 213.4 153.3 284.7



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#55

Stvrene

Concen: 2.066 ug/L

RT: 10.70 min Scan# 1576

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

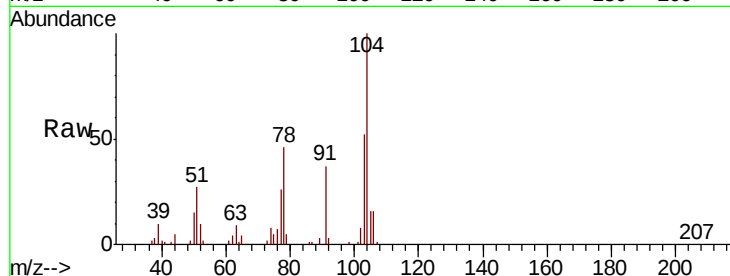
ClientSampleId :

Tot Ion:104 Resp: 17089

Ion Ratio Lower Upper

104 100

78 45.5 30.9 57.5



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

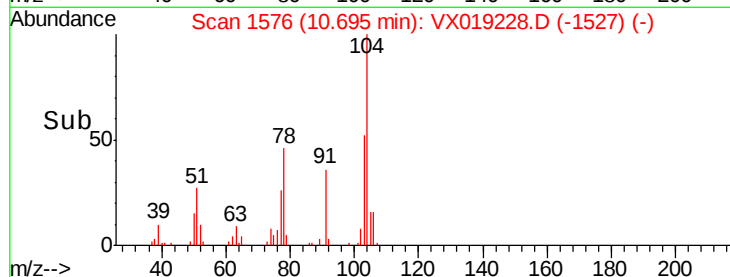
15000

10000

5000

0

Time-->

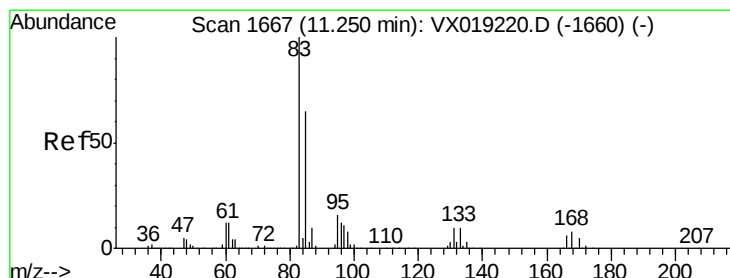


10.70

10.65

10.70

10.75



#57

1,1,2,2-Tetrachloroethane

Concen: 2.582 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

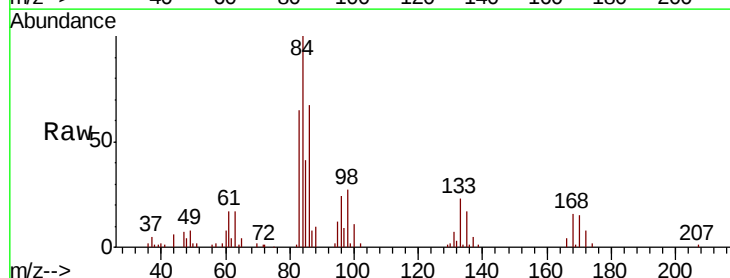
Tgt Ion: 83 Resp: 9896

Ion Ratio Lower Upper

83 100

85 64.0 45.9 85.3

131 11.6 7.7 11.5#



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

8000

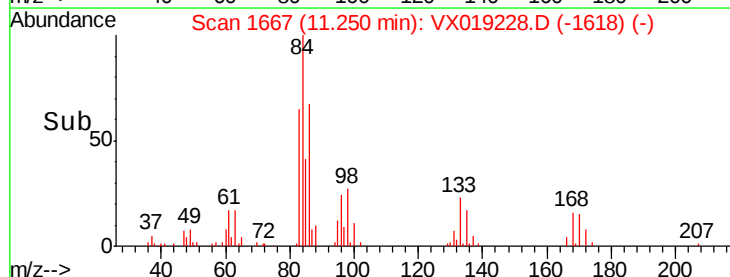
6000

4000

2000

0

Time-->

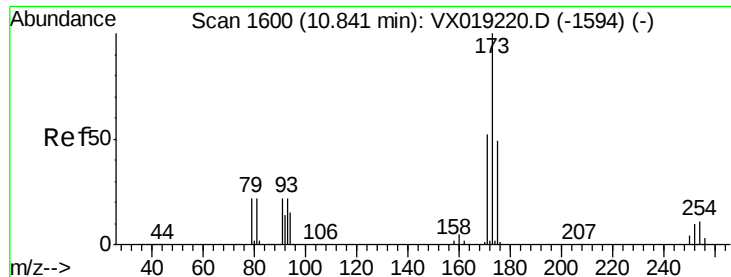


11.25

11.20

11.25

11.30



#59

Bromoform

Concen: 2.110 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

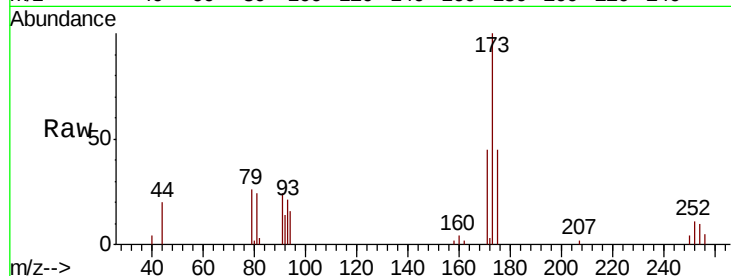
Tot Ion:173 Resp: 4268

Ion Ratio Lower Upper

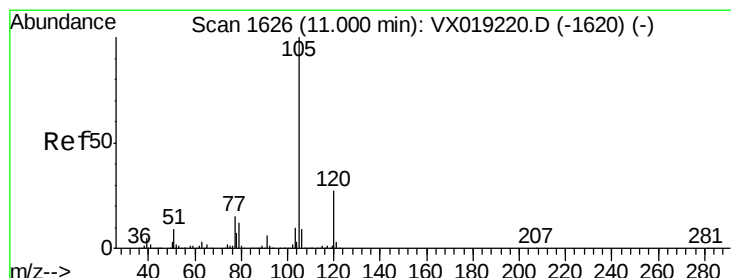
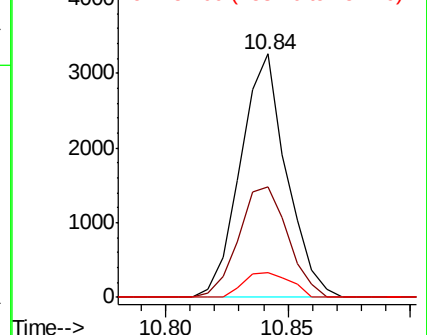
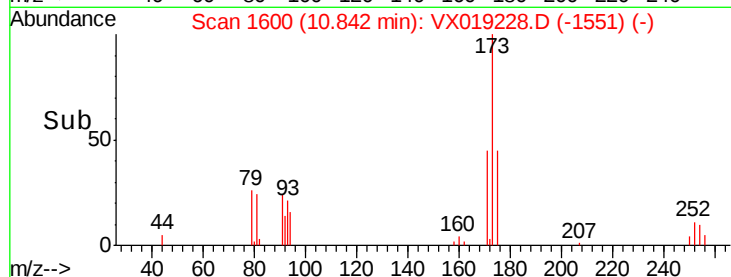
173 100

175 48.4 39.7 59.5

254 10.3 8.2 12.4



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: 2.294 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

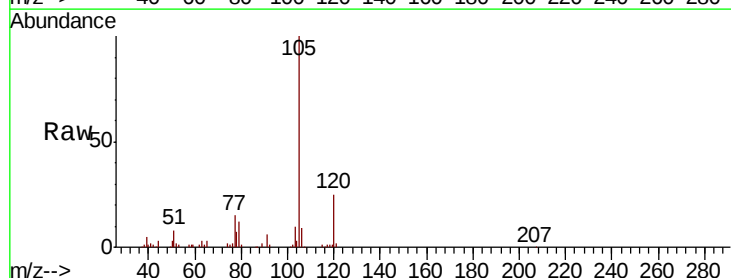
Tgt Ion:105 Resp: 29074

Ion Ratio Lower Upper

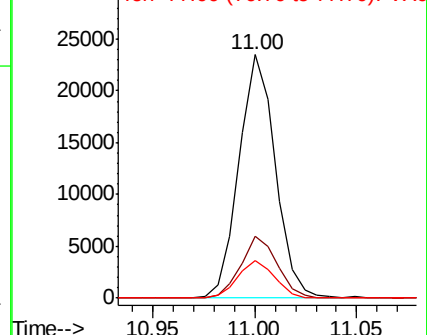
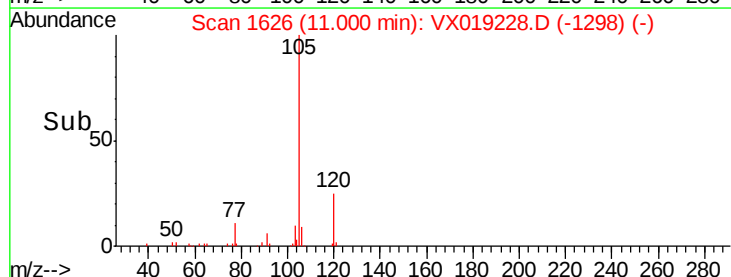
105 100

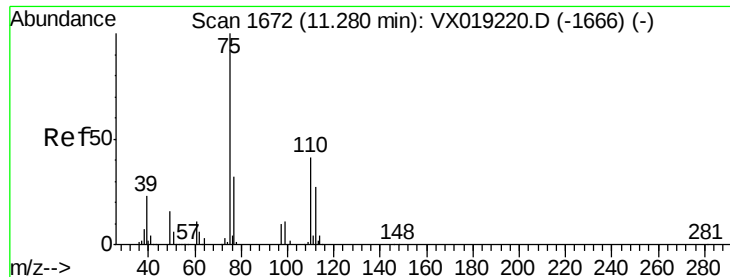
120 25.5 21.1 31.7

77 15.6 12.6 19.0



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: 2.619 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

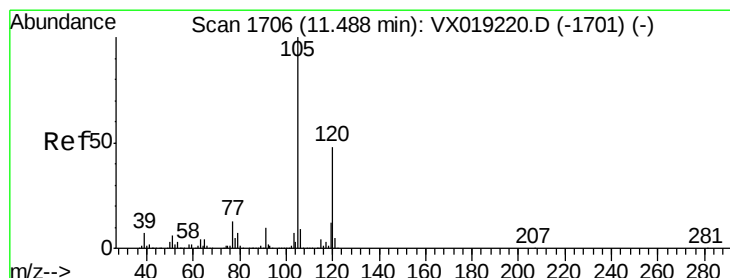
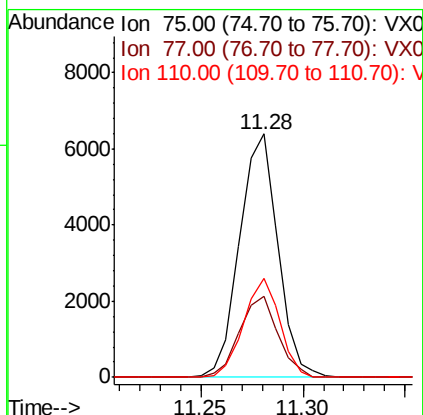
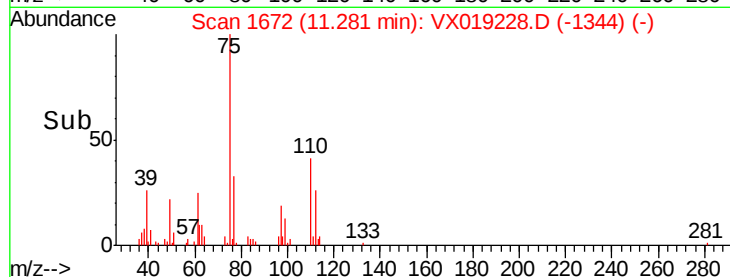
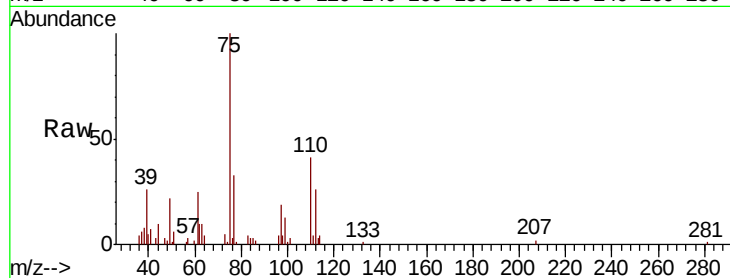
Tot Ion: 75 Resp: 8331

Ion Ratio Lower Upper

75 100

77 33.5 25.4 38.0

110 38.5 32.2 48.2



#62

1,3,5-Trimethylbenzene

Concen: 2.199 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX019228.D

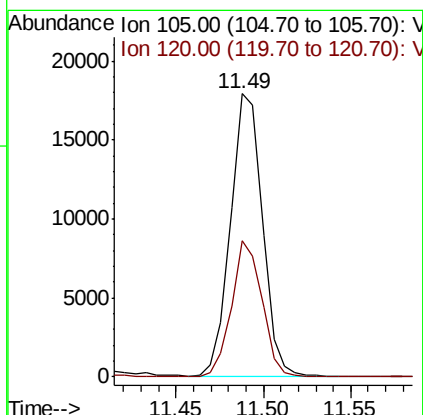
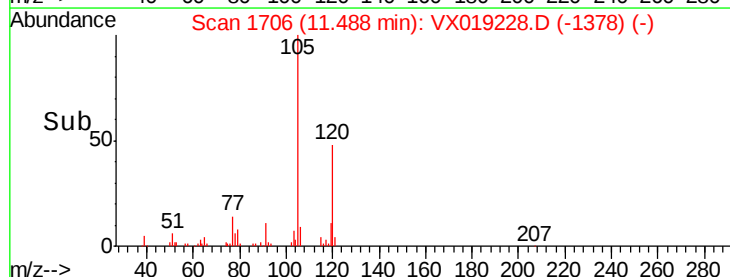
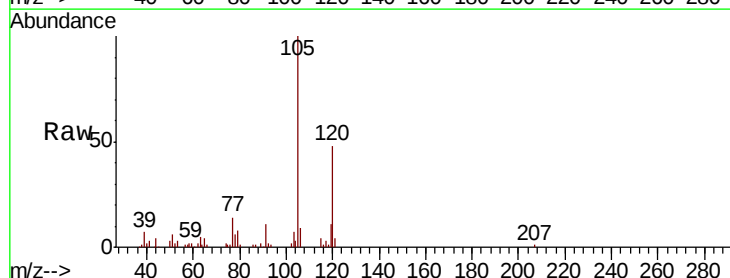
Acq: 03 Nov 2020 12:40

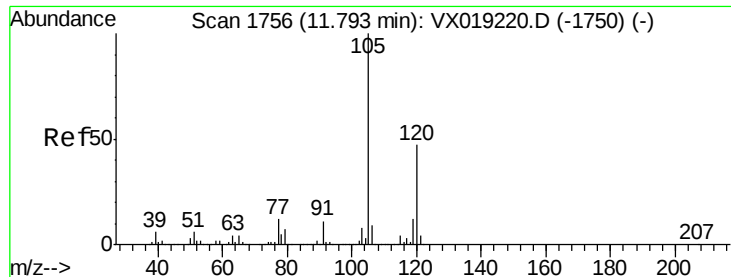
Tgt Ion: 105 Resp: 22927

Ion Ratio Lower Upper

105 100

120 45.6 38.8 58.2

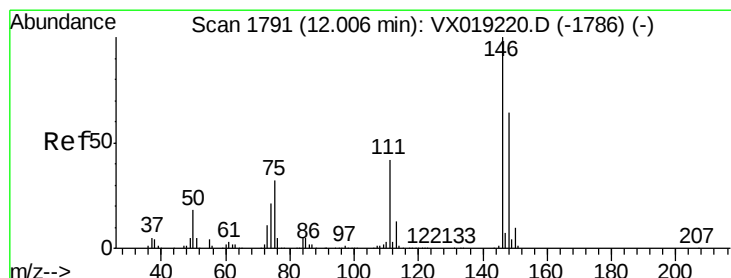
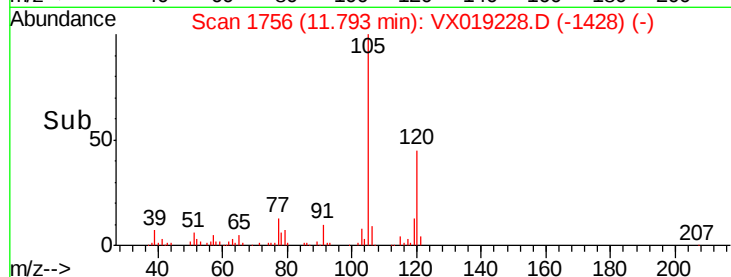
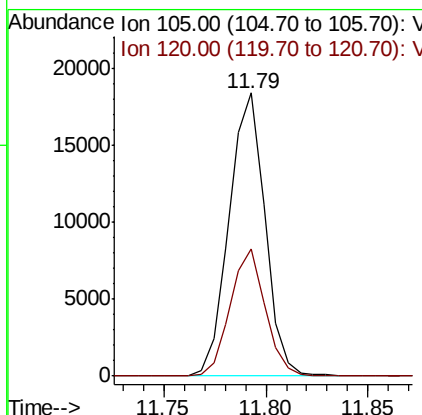
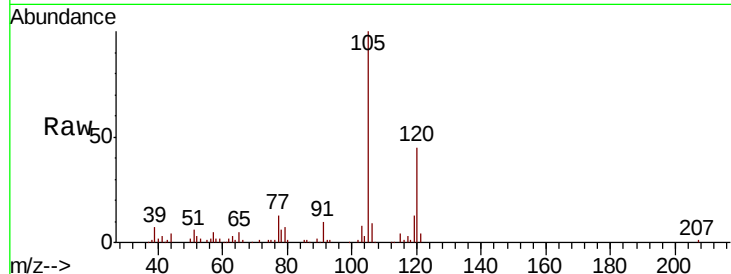




#63
 1,2,4-Trimethylbenzene
 Concen: 2.274 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019228.D
 Acq: 03 Nov 2020 12:40

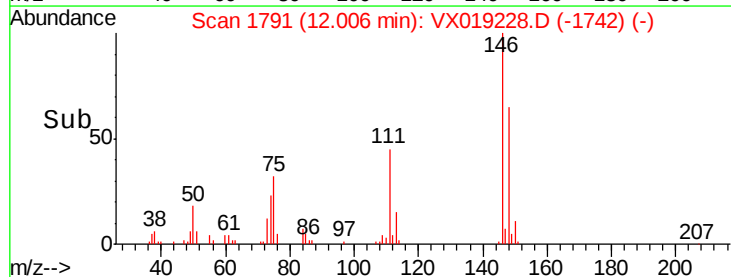
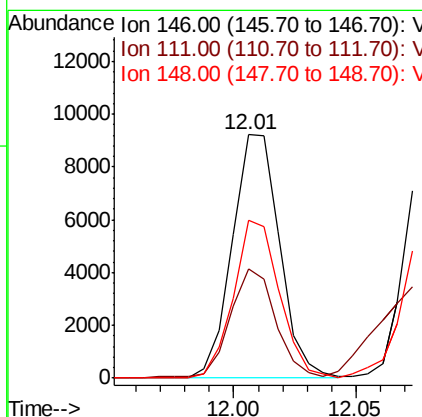
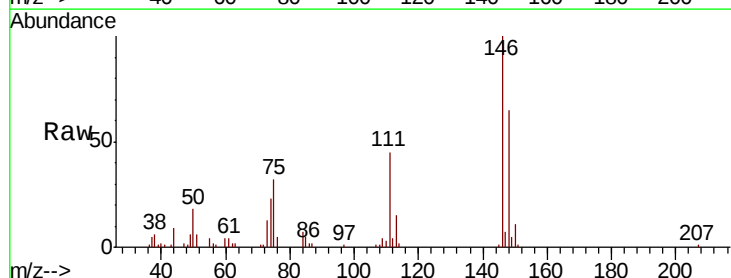
Instrument :
 MSVOA_X
 ClientSampled :

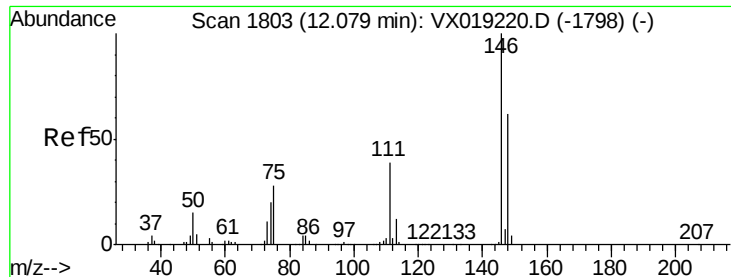
Tot Ion:105 Resp: 22422
 Ion Ratio Lower Upper
 105 100
 120 44.2 36.0 54.0



#64
 1,3-Dichlorobenzene
 Concen: 2.272 ug/L
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019228.D
 Acq: 03 Nov 2020 12:40

Tgt Ion:146 Resp: 12428
 Ion Ratio Lower Upper
 146 100
 111 45.1 29.7 55.1
 148 64.7 44.5 82.7

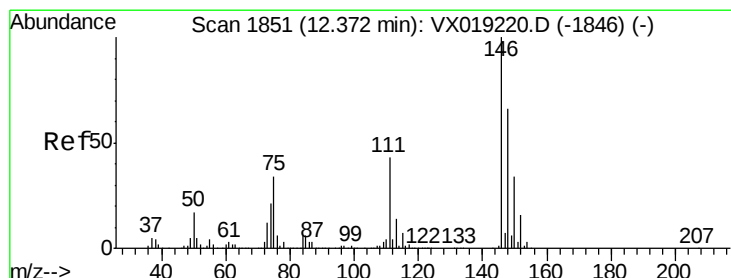
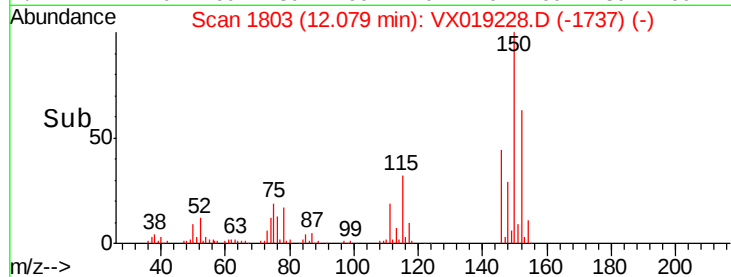
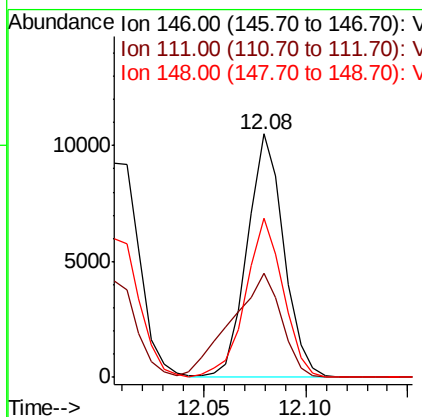
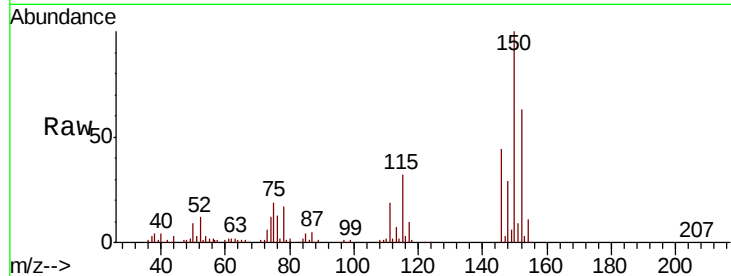




#65
 1,4-Dichlorobenzene
 Concen: 2.361 ug/L
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019228.D
 Acq: 03 Nov 2020 12:40

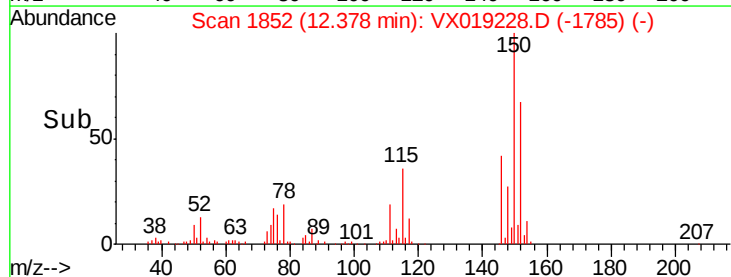
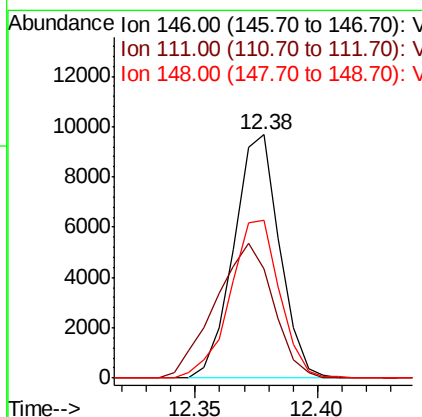
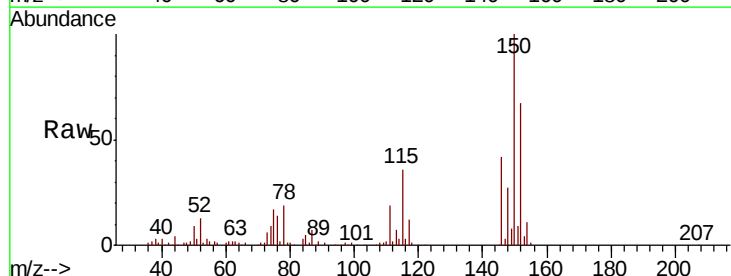
Instrument :
 MSVOA_X
 ClientSampled :

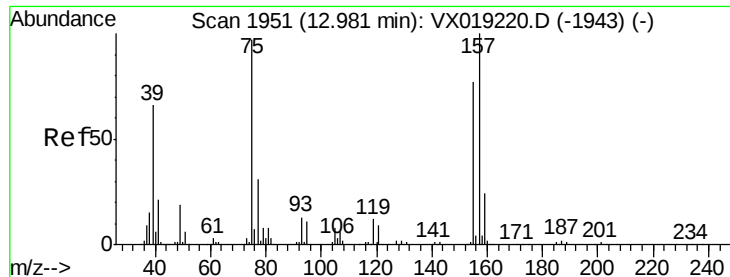
Tot Ion:146 Resp: 13106
 Ion Ratio Lower Upper
 146 100
 111 42.6 28.1 52.3
 148 65.4 43.8 81.4



#67
 1,2-Dichlorobenzene
 Concen: 2.374 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019228.D
 Acq: 03 Nov 2020 12:40

Tgt Ion:146 Resp: 12576
 Ion Ratio Lower Upper
 146 100
 111 44.8 35.9 53.9
 148 64.6 52.2 78.4





#68

1,2-Dibromo-3-chloropropane

Concen: 2.286 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

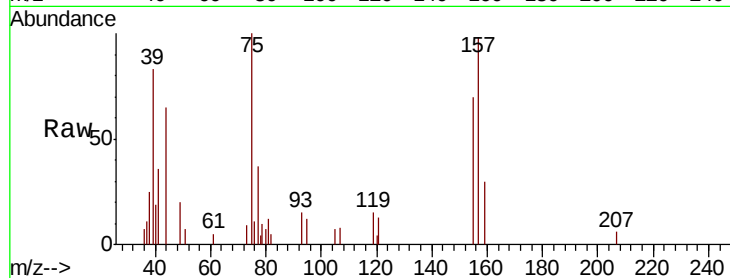
Tot Ion: 75 Resp: 1980

Ion Ratio Lower Upper

75 100

155 70.0 65.8 98.8

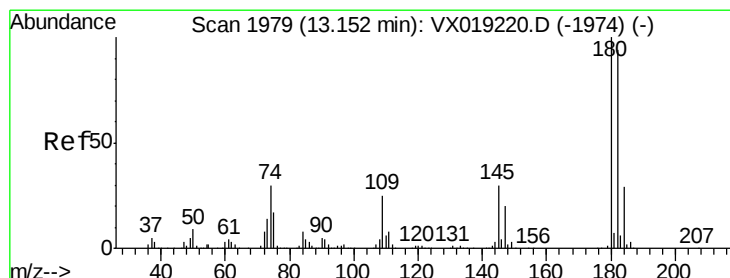
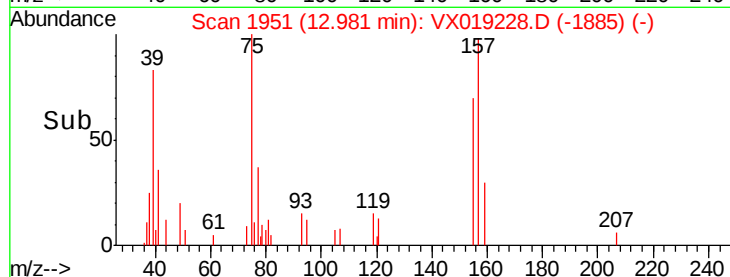
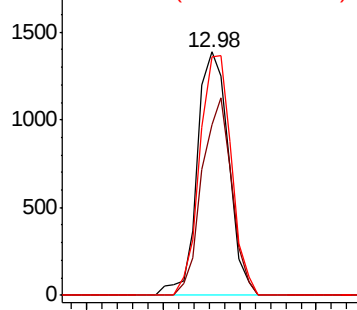
157 97.8 82.6 123.8



Abundance Ion 75.00 (74.70 to 75.70): VX019228.D (-1943) (-)

Ion 155.00 (154.70 to 155.70): VX019228.D (-1943) (-)

Ion 157.00 (156.70 to 157.70): VX019228.D (-1943) (-)



#69

1,3,5-Trichlorobenzene

Concen: 2.053 ug/L

RT: 13.15 min Scan# 1979

Delta R.T. 0.00 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Tgt Ion: 180 Resp: 7868

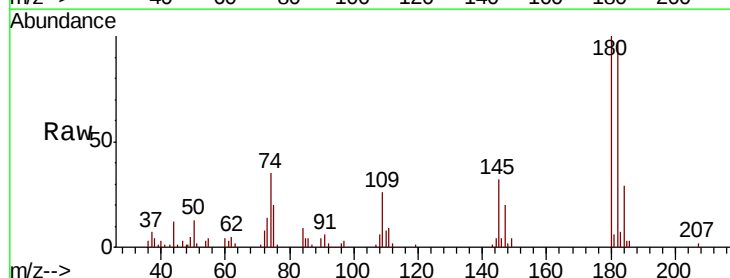
Ion Ratio Lower Upper

180 100

182 98.4 78.8 118.2

184 29.3 25.2 37.8

145 31.8 25.8 38.6

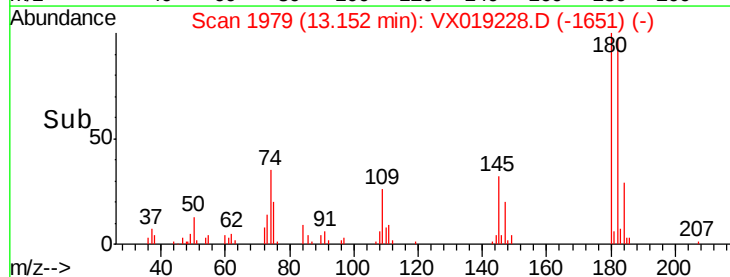
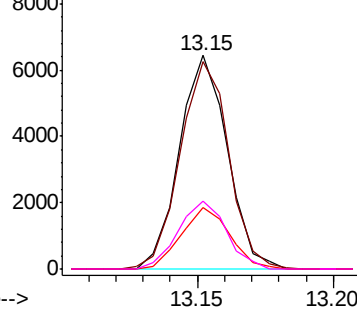


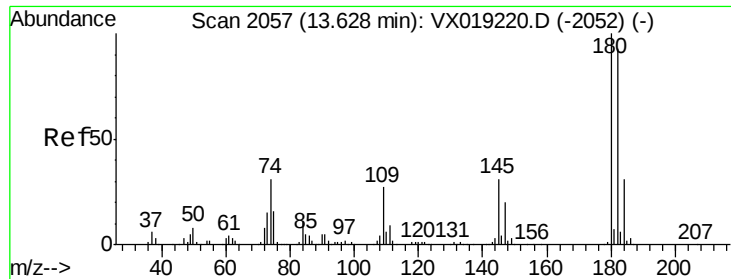
Abundance Ion 180.00 (179.70 to 180.70): VX019228.D (-1974) (-)

Ion 182.00 (181.70 to 182.70): VX019228.D (-1974) (-)

Ion 184.00 (183.70 to 184.70): VX019228.D (-1974) (-)

Ion 145.00 (144.70 to 145.70): VX019228.D (-1974) (-)

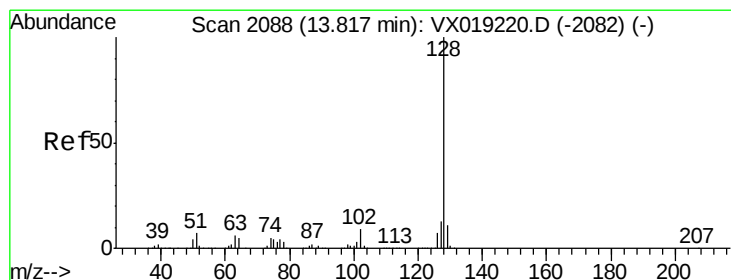
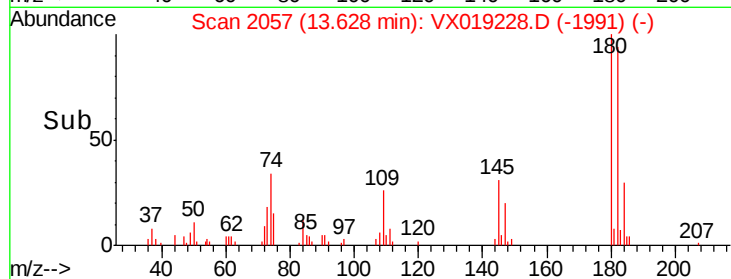
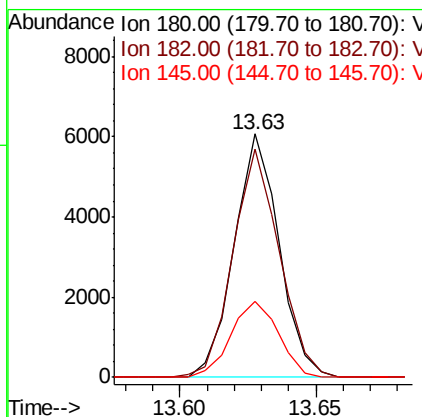
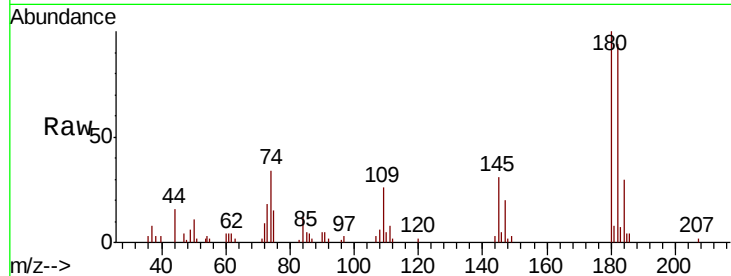




#70
 1,2,4-trichlorobenzene
 Concen: 1.965 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019228.D
 Acq: 03 Nov 2020 12:40

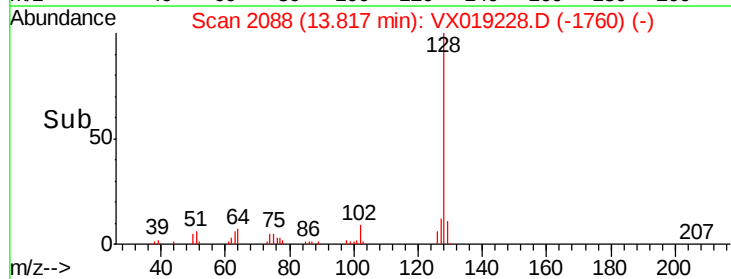
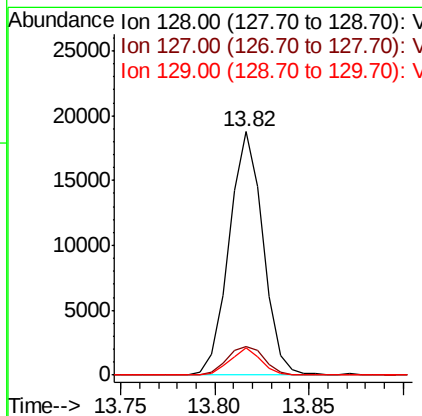
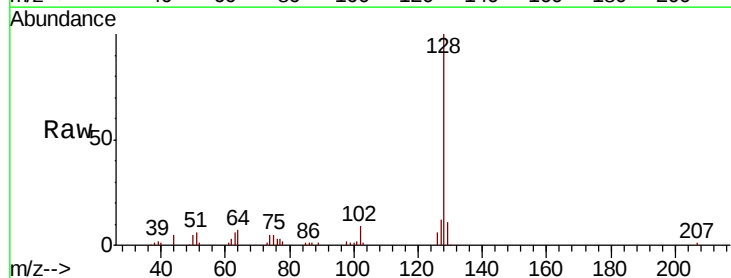
Instrument :
 MSVOA_X
 ClientSampleId :

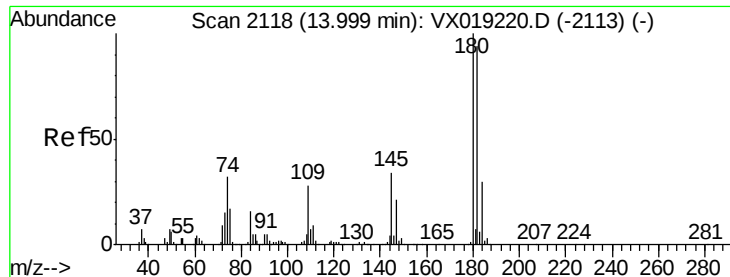
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.9	74.6	111.8
145	33.0	25.4	38.0



#71
 Naphthalene
 Concen: 2.049 ug/L
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX019228.D
 Acq: 03 Nov 2020 12:40

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.3	8.5	12.7





#72

1,2,3-Trichlorobenzene

Concen: 2.088 ug/L

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX019228.D

Acq: 03 Nov 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

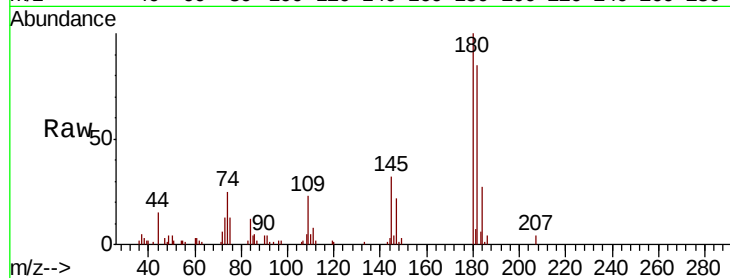
Tot Ion:180 Resp: 7215

Ion Ratio Lower Upper

180 100

182 95.8 75.3 112.9

145 33.8 27.1 40.7



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

