

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110220\
 Data File : VX019217.D
 Acq On : 02 Nov 2020 17:26
 Operator : JC/MD
 Sample : L4485-09 2.5PPB MDL
 Misc : 5.0µ/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 03 07:26:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 02 14:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	444235	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	409263	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	179471	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	179618	46.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.94%
7) Chloroethane-d5	1.70	69	141323	49.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.54%
11) 1,1-Dichloroethene-d2	2.34	63	240076	38.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.10%
21) 2-Butanone-d5	4.53	46	200269	102.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.64%
24) Chloroform-d	5.14	84	291688	46.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.66%
26) 1,2-Dichloroethane-d4	6.03	65	202549	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
32) Benzene-d6	6.05	84	623720	49.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.18%
36) 1,2-Dichloropropane-d6	7.37	67	189221	50.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.90%
41) Toluene-d8	8.70	98	577728	44.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.58%
43) trans-1,3-Dichloropropene-	8.99	79	96162	48.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.66%
47) 2-Hexanone-d5	9.43	63	162106	104.62	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.62%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	216024	48.81	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.62%
66) 1,2-Dichlorobenzene-d4	12.36	152	180542	50.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	6693	2.377 ug/L	100
3) Chloromethane	1.31	50	7067	2.471 ug/L	98
5) Vinyl chloride	1.39	62	8410	2.608 ug/L #	64
6) Bromomethane	1.64	94	5518	2.590 ug/L	96
8) Chloroethane	1.72	64	5251	2.613 ug/L	100
9) Trichlorofluoromethane	1.92	101	11499	2.404 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	8467	3.069 ug/L #	79
12) 1,1-Dichloroethene	2.36	96	8052	3.008 ug/L #	1
13) Acetone	2.43	43	5281	4.380 ug/L	95
14) Carbon disulfide	2.56	76	18609	2.303 ug/L	99
15) Methyl Acetate	2.75	43	7305	2.776 ug/L	97
16) Methylene chloride	2.84	84	7998	2.679 ug/L	95
17) trans-1,2-Dichloroethene	3.14	96	6788	2.359 ug/L	99
18) Methyl tert-butyl Ether	3.17	73	20890	2.296 ug/L	96
19) 1,1-Dichloroethane	3.67	63	11960	2.339 ug/L	96
20) cis-1,2-Dichloroethene	4.56	96	7482	2.367 ug/L	100
22) 2-Butanone	4.65	43	7908	4.153 ug/L	95

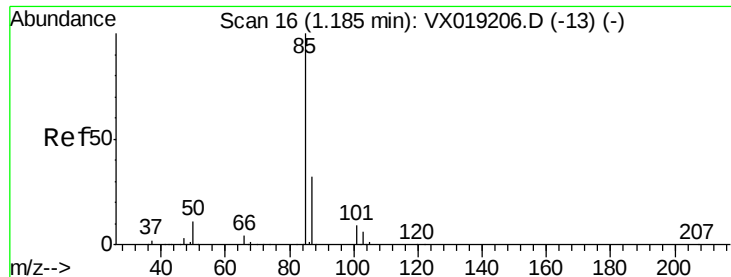
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110220\
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 Acq On : 02 Nov 2020 17:26
 Operator : JC/MD
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 ClientSampleId :

Quant Time: Nov 03 07:26:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 02 14:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	3770	2.368	ug/L	92
25) Chloroform	5.18	83	22075	4.112	ug/L	96
27) 1,2-Dichloroethane	6.16	62	10546	2.495	ug/L #	92
29) Cyclohexane	5.55	56	10892	2.312	ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	11129	2.256	ug/L	99
31) Carbon tetrachloride	5.76	117	9426	2.224	ug/L	98
33) Benzene	6.11	78	28029	2.385	ug/L	100
34) Trichloroethene	7.19	95	7390	2.304	ug/L	93
35) Methylcyclohexane	7.43	83	11150	2.197	ug/L	99
37) 1,2-Dichloropropane	7.48	63	6650	2.279	ug/L #	97
38) Bromodichloromethane	7.87	83	9013	2.221	ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	11247	2.319	ug/L	96
40) 4-Methyl-2-pentanone	8.62	43	17209	4.821	ug/L	99
42) Toluene	8.76	91	37872	2.963	ug/L	96
44) trans-1,3-Dichloropropene	9.02	75	11153	2.361	ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	6679	2.330	ug/L	97
46) Tetrachloroethene	9.32	164	5892	2.435	ug/L	93
48) 2-Hexanone	9.47	43	15429	5.486	ug/L	97
49) Dibromochloromethane	9.56	129	6715	2.141	ug/L	96
50) 1,2-Dibromoethane	9.65	107	6806	2.270	ug/L	98
51) Chlorobenzene	10.12	112	18601	2.340	ug/L	97
52) Ethylbenzene	10.23	91	31884	2.308	ug/L	99
53) m,p-Xylene	10.34	106	12052	2.322	ug/L	92
54) o-Xylene	10.68	106	11084	2.205	ug/L	95
55) Styrene	10.70	104	17154	2.023	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.25	83	9714	2.472	ug/L #	99
59) Bromoform	10.84	173	3891	2.001	ug/L	99
60) Isopropylbenzene	11.00	105	29691	2.438	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	7801	2.552	ug/L	98
62) 1,3,5-Trimethylbenzene	11.49	105	23040	2.299	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	22115	2.333	ug/L	97
64) 1,3-Dichlorobenzene	12.01	146	11967	2.276	ug/L	96
65) 1,4-Dichlorobenzene	12.08	146	12574	2.356	ug/L	97
67) 1,2-Dichlorobenzene	12.38	146	12790	2.512	ug/L	92
68) 1,2-Dibromo-3-chloropropan	12.98	75	2008	2.412	ug/L #	85
69) 1,3,5-Trichlorobenzene	13.15	180	8433	2.290	ug/L	97
70) 1,2,4-trichlorobenzene	13.63	180	7597	2.238	ug/L	97
71) Naphthalene	13.82	128	23422	2.134	ug/L	99
72) 1,2,3-Trichlorobenzene	14.01	180	7183	2.163	ug/L	96

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



#2

Dichlorodifluoromethane

Concen: 2.377 ug/L

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Instrument :

MSVOA_X

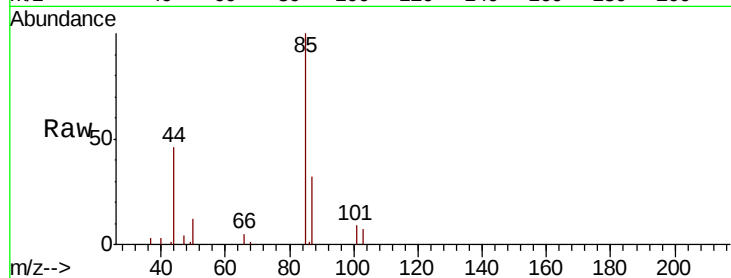
ClientSampled :

Tot Ion: 85 Resp: 6693

Ion Ratio Lower Upper

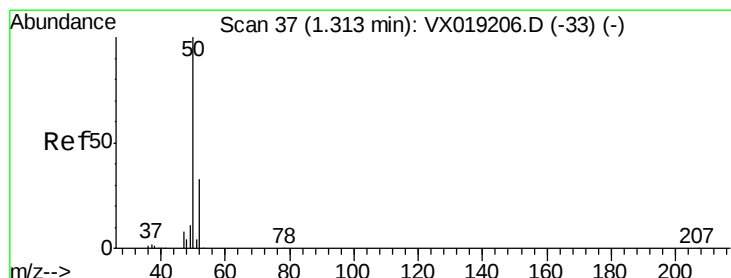
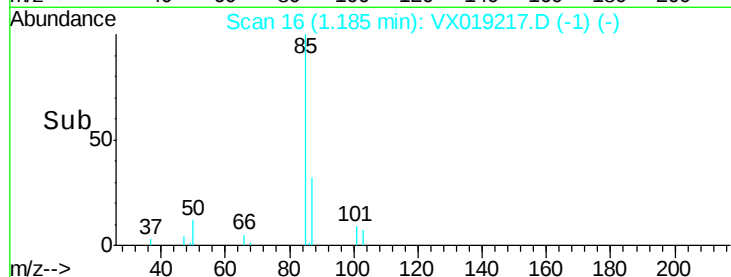
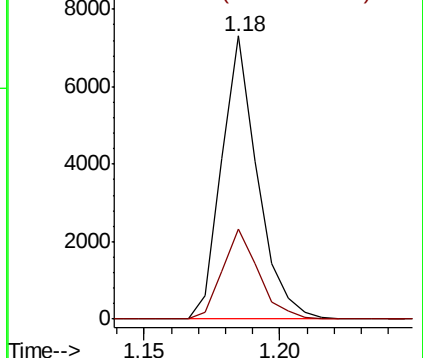
85 100

87 32.2 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#3

Chloromethane

Concen: 2.471 ug/L

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019217.D

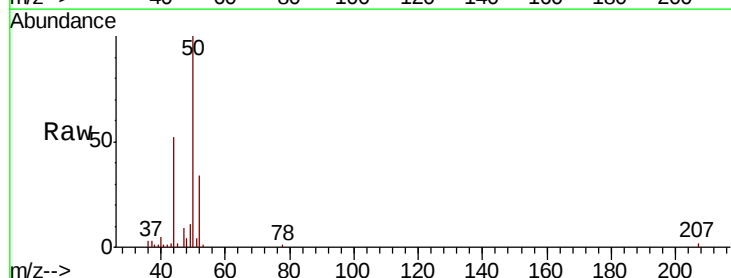
Acq: 02 Nov 2020 17:26

Tgt Ion: 50 Resp: 7067

Ion Ratio Lower Upper

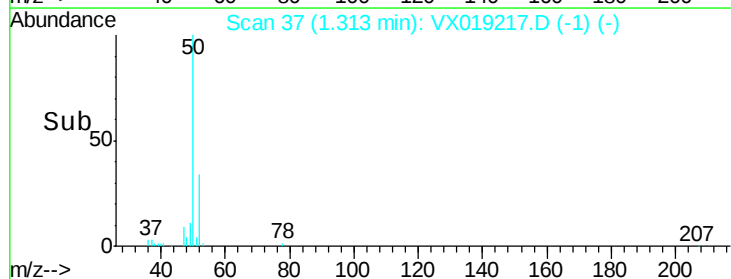
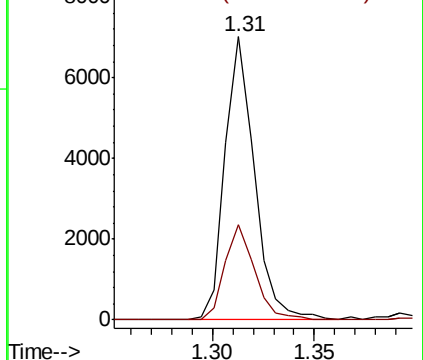
50 100

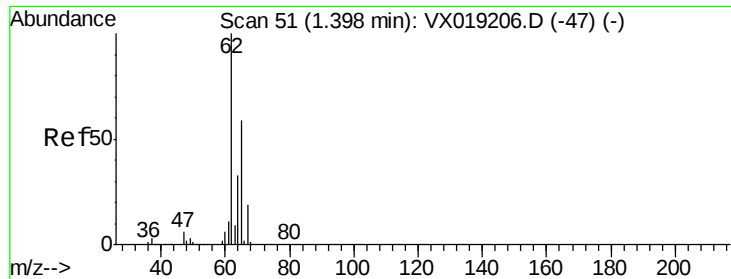
52 33.7 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#5

Vinyl chloride

Concen: 2.608 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Instrument :

MSVOA_X

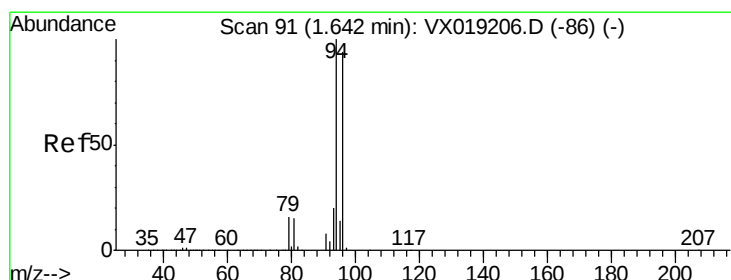
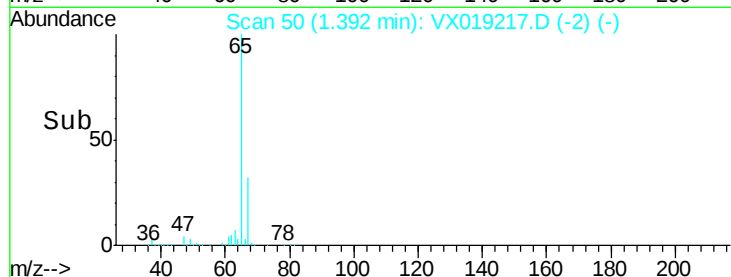
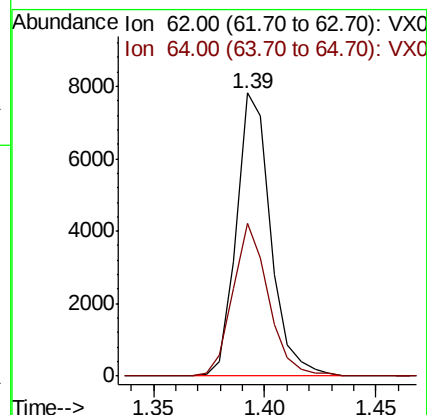
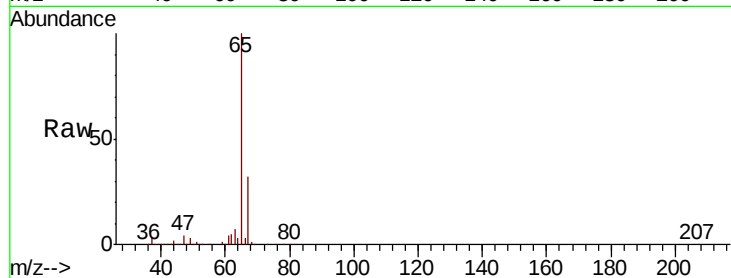
ClientSampleId :

Tot Ion: 62 Resp: 8410

Ion Ratio Lower Upper

62 100

64 54.0 23.4 43.6#



#6

Bromomethane

Concen: 2.590 ug/L

RT: 1.64 min Scan# 91

Delta R.T. 0.00 min

Lab File: VX019217.D

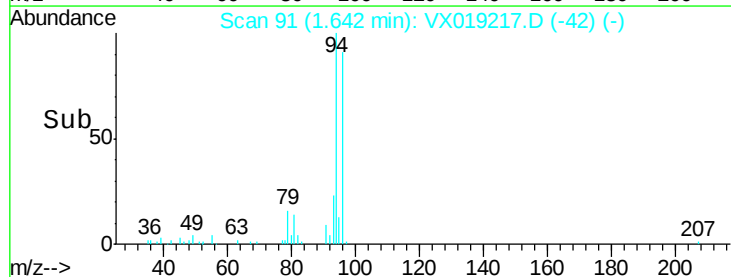
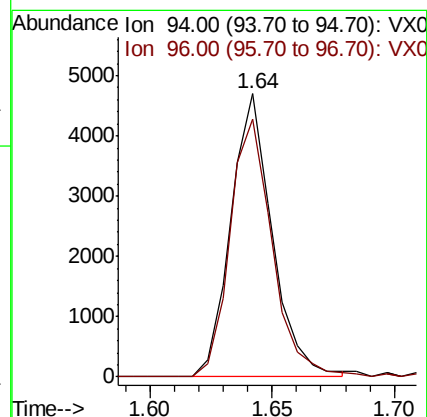
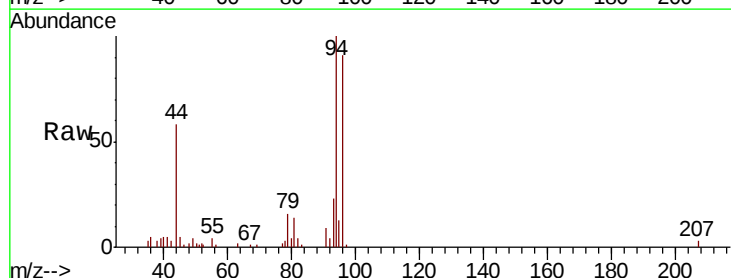
Acq: 02 Nov 2020 17:26

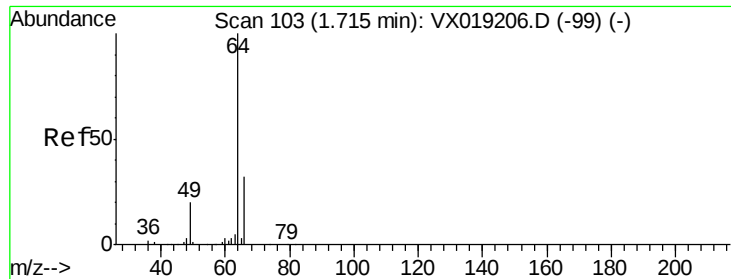
Tgt Ion: 94 Resp: 5518

Ion Ratio Lower Upper

94 100

96 90.9 66.0 122.6





#8

Chloroethane

Concen: 2.613 ug/L

RT: 1.72 min Scan# 103

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Instrument :

MSVOA_X

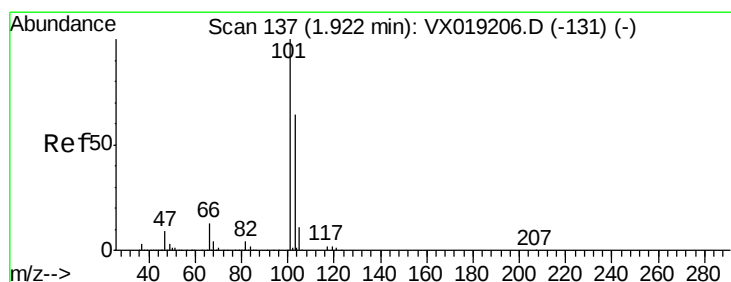
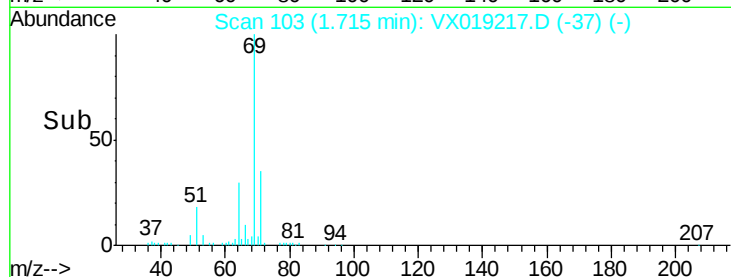
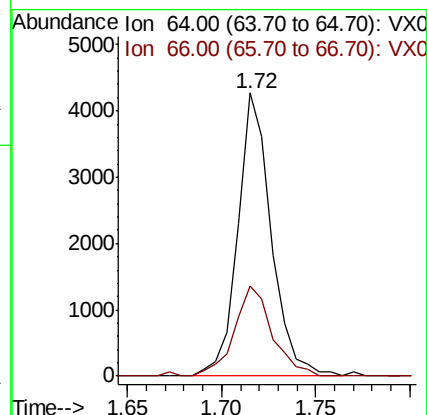
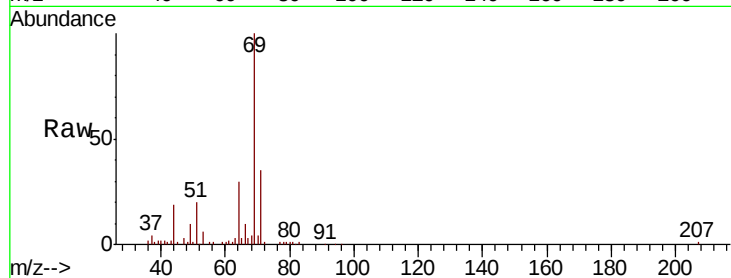
ClientSampleId :

Tot Ion: 64 Resp: 5251

Ion Ratio Lower Upper

64 100

66 31.9 22.5 41.9



#9

Trichlorofluoromethane

Concen: 2.404 ug/L

RT: 1.92 min Scan# 137

Delta R.T. 0.00 min

Lab File: VX019217.D

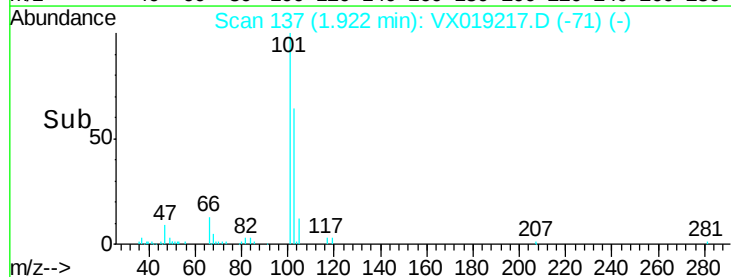
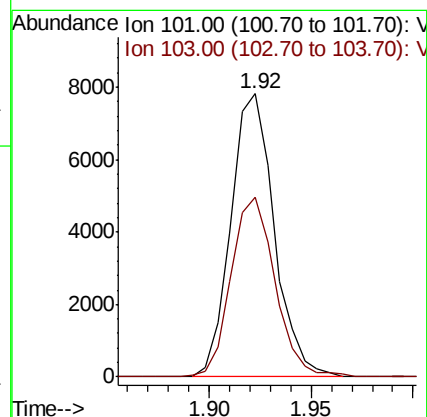
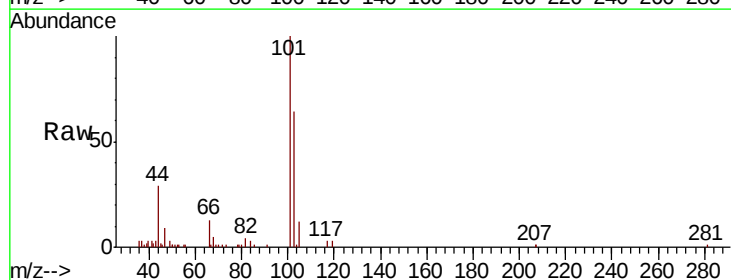
Acq: 02 Nov 2020 17:26

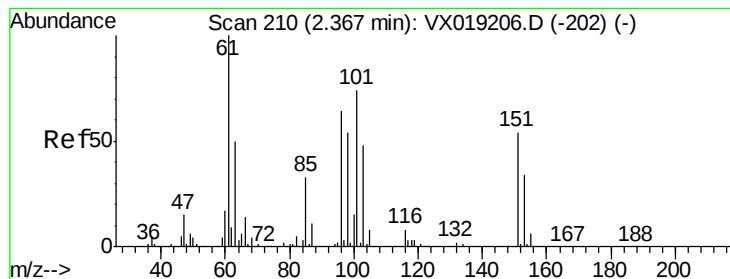
Tgt Ion: 101 Resp: 11499

Ion Ratio Lower Upper

101 100

103 63.8 51.3 76.9





#10

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

Concen: 3.069 ug/L

RT: 2.37 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

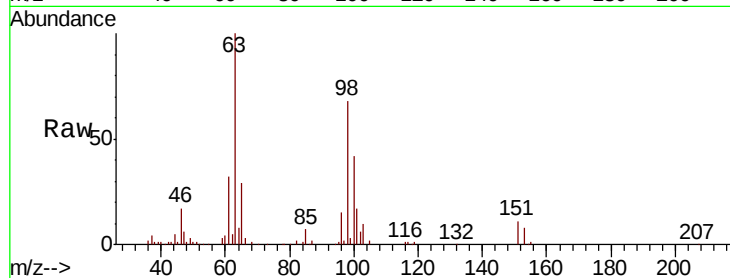
Tot Ion:101 Resp: 8467

Ion Ratio Lower Upper

101 100

85 32.4 35.0 52.4#

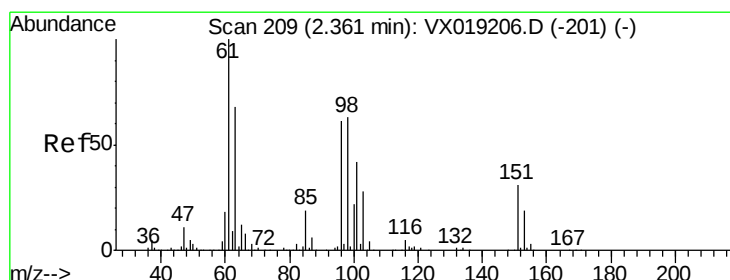
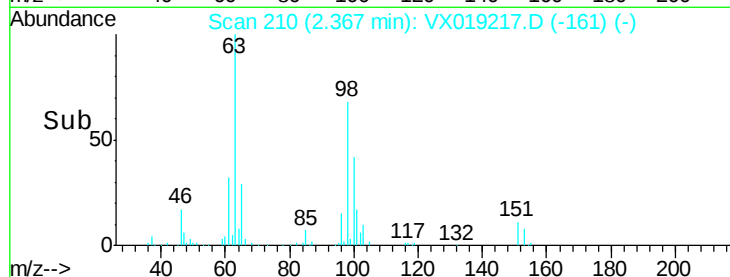
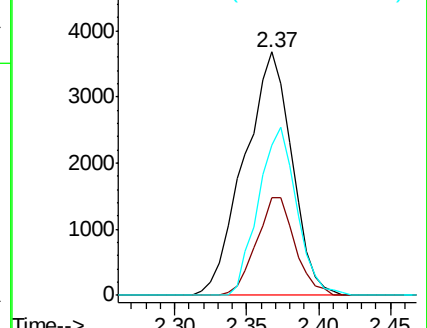
151 55.3 59.9 89.9#



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: 3.008 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

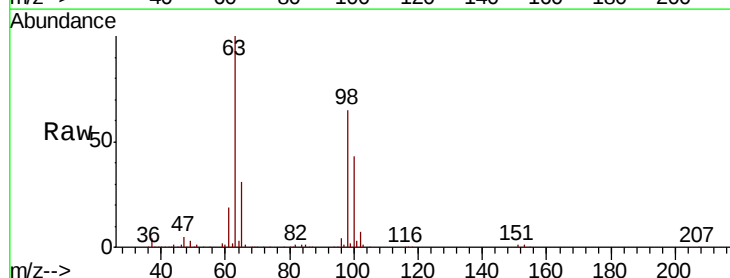
Tgt Ion: 96 Resp: 8052

Ion Ratio Lower Upper

96 100

61 414.6 115.1 213.8#

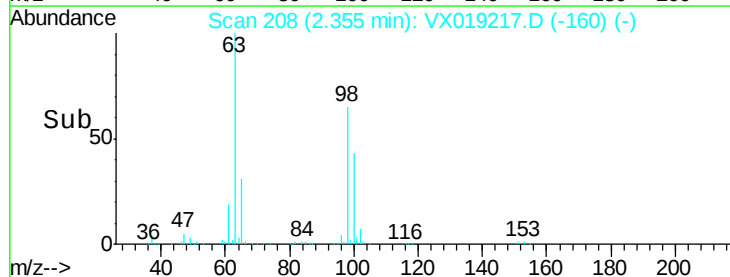
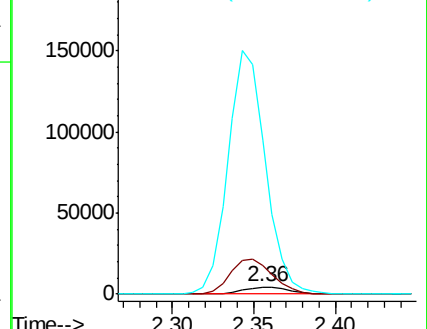
63 2232.5 78.3 145.5#

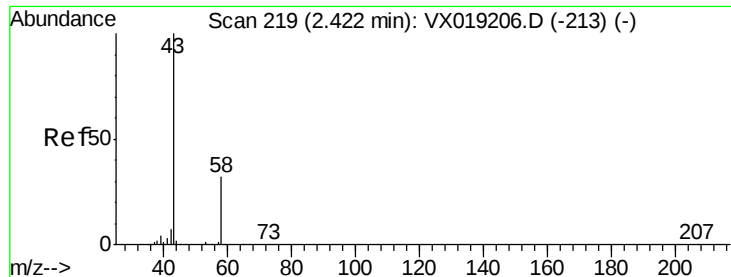


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 4.380 ug/L

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Instrument :

MSVOA_X

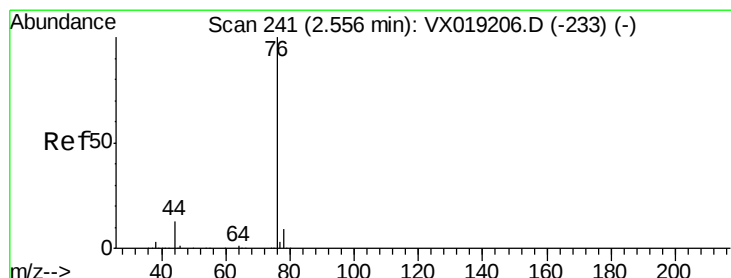
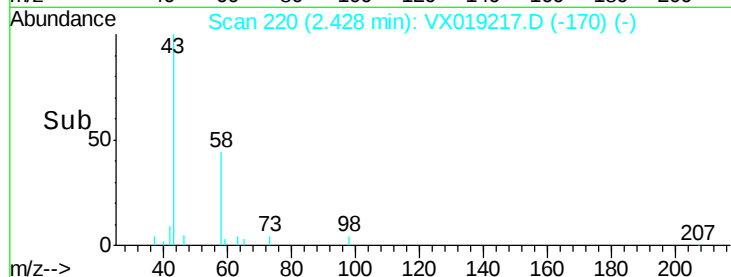
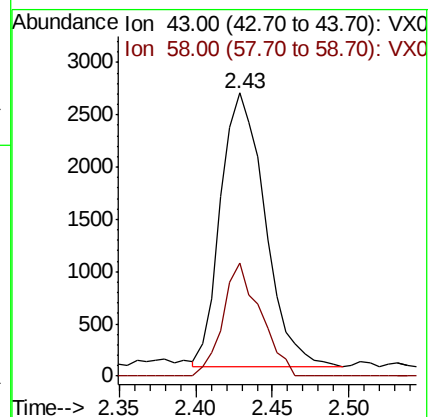
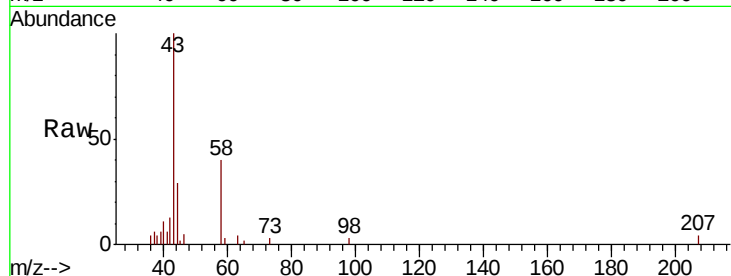
ClientSampled :

Tot Ion: 43 Resp: 5281

Ion Ratio Lower Upper

43 100

58 35.0 0.0 64.6



#14

Carbon disulfide

Concen: 2.303 ug/L

RT: 2.56 min Scan# 241

Delta R.T. 0.00 min

Lab File: VX019217.D

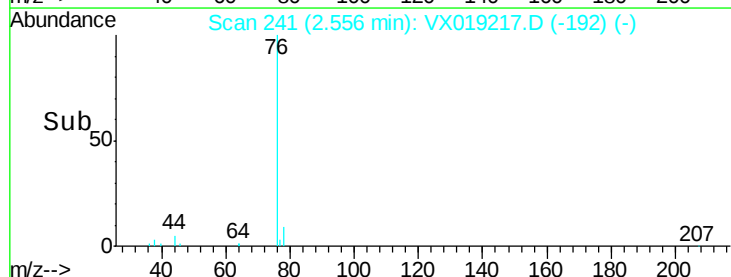
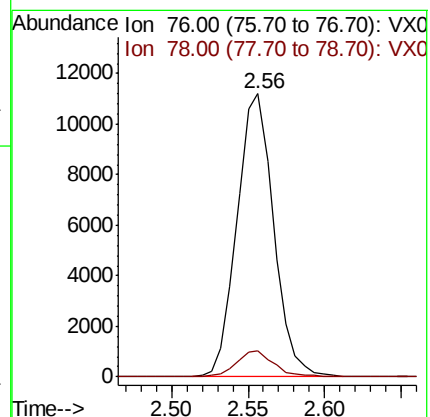
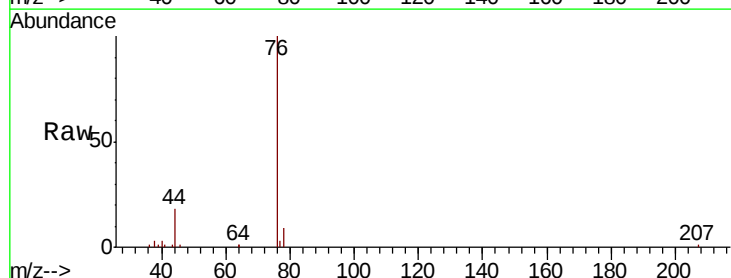
Acq: 02 Nov 2020 17:26

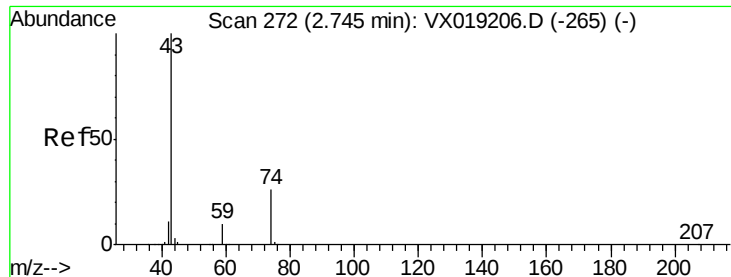
Tgt Ion: 76 Resp: 18609

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

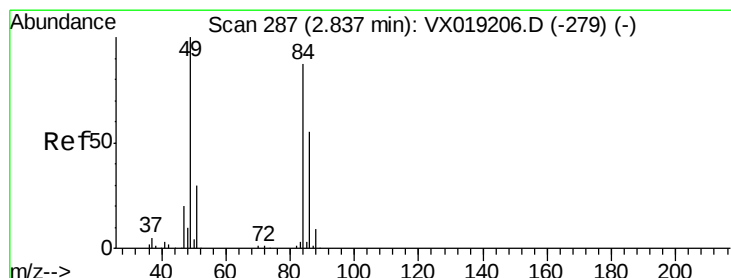
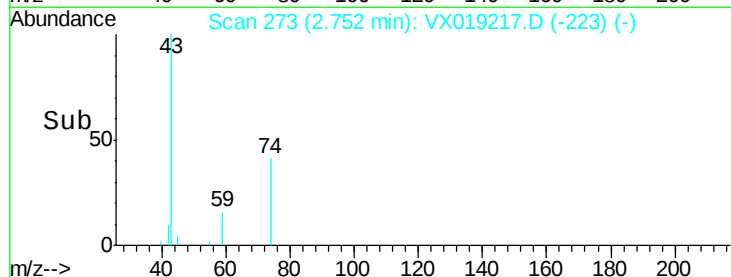
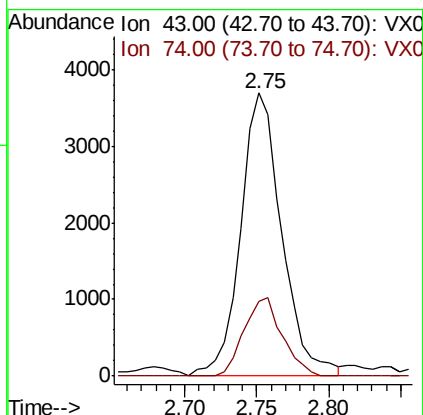
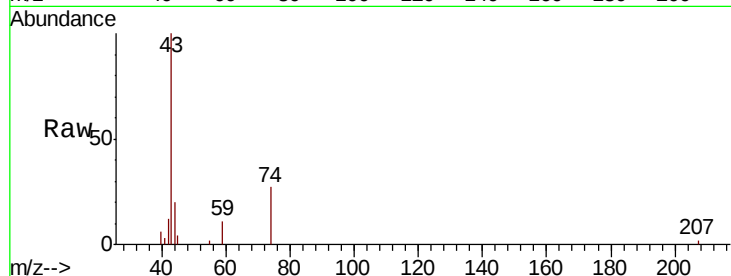




#15
Methyl Acetate
Concen: 2.776 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019217.D
Acq: 02 Nov 2020 17:26

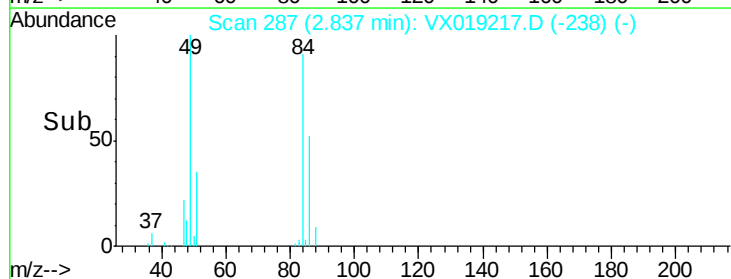
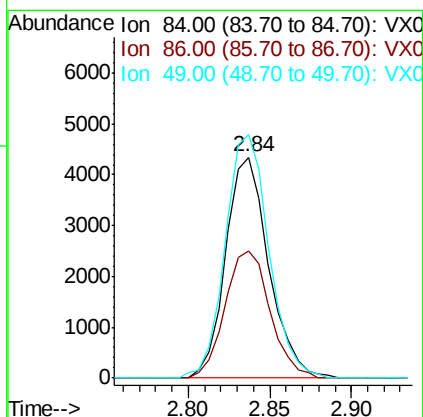
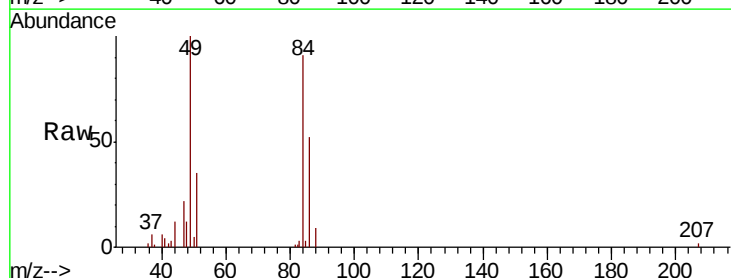
Instrument :
MSVOA_X
ClientSampled :

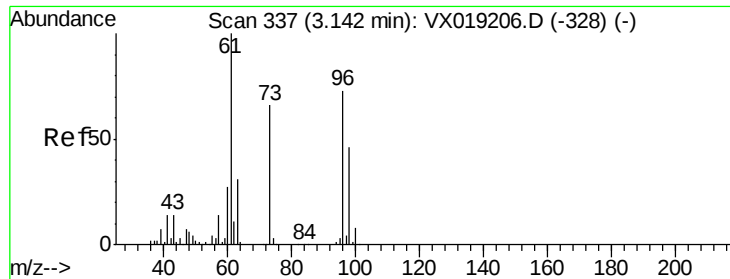
Tot Ion: 43 Resp: 7305
Ion Ratio Lower Upper
43 100
74 25.7 21.8 32.8



#16
Methylene chloride
Concen: 2.679 ug/L
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019217.D
Acq: 02 Nov 2020 17:26

Tgt Ion: 84 Resp: 7998
Ion Ratio Lower Upper
84 100
86 57.8 44.0 81.6
49 110.1 80.6 149.6





#17

trans-1,2-Dichloroethene

Concen: 2.359 ug/L

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

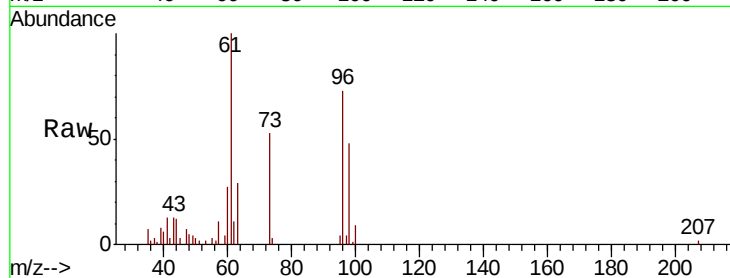
Tot Ion: 96 Resp: 6788

Ion Ratio Lower Upper

96 100

61 136.4 95.7 177.7

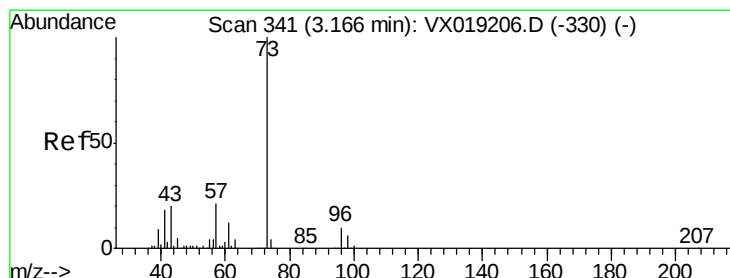
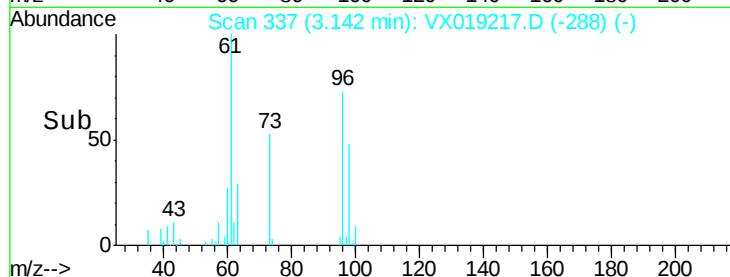
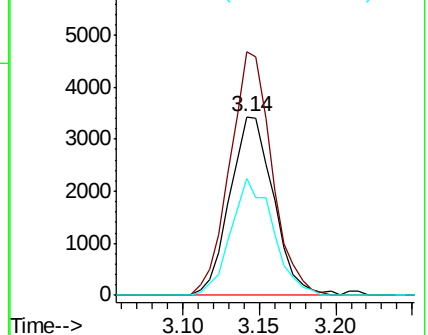
98 65.5 44.2 82.0



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: 2.296 ug/L

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

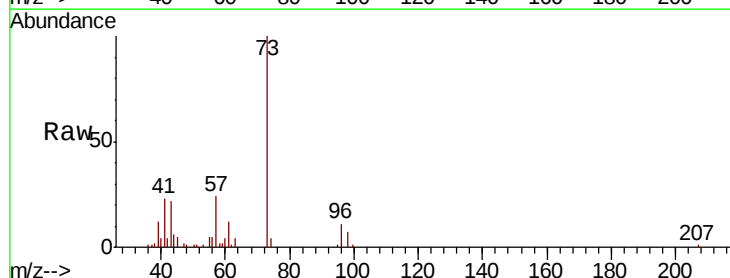
Tgt Ion: 73 Resp: 20890

Ion Ratio Lower Upper

73 100

43 21.8 15.8 23.6

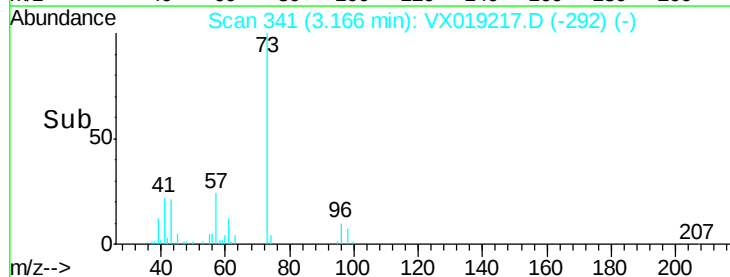
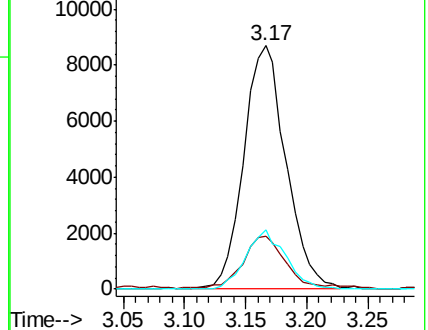
57 22.8 17.0 25.4

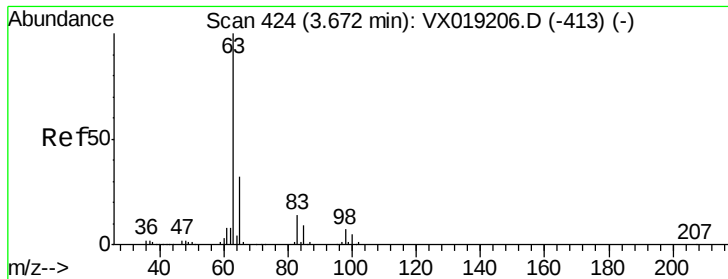


Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

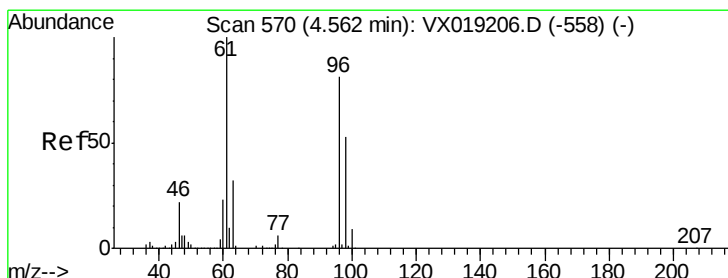
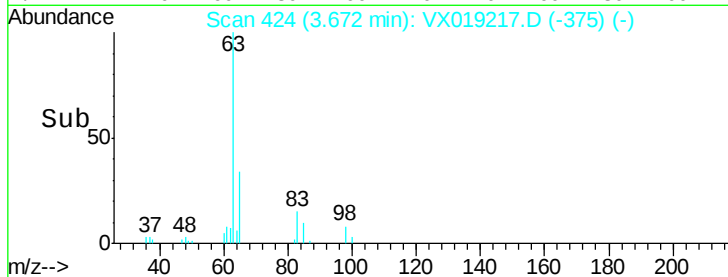
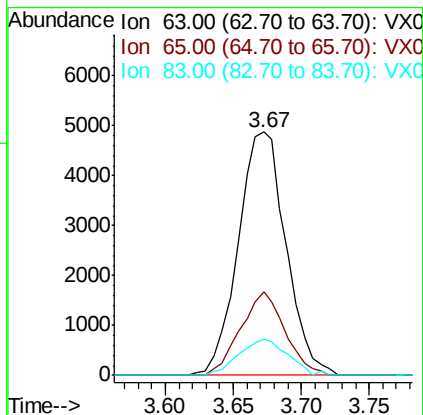
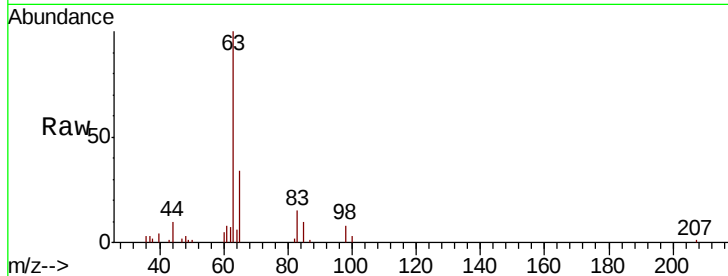




#19
 1,1-Dichloroethane
 Concen: 2.339 ug/L
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX019217.D
 Acq: 02 Nov 2020 17:26

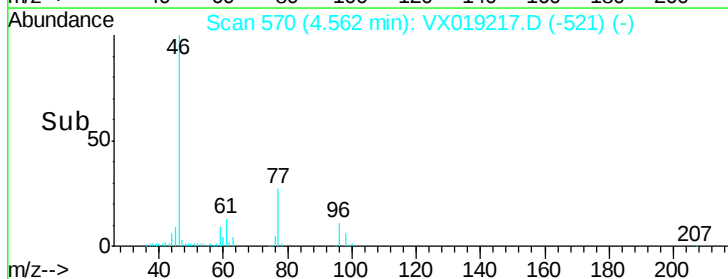
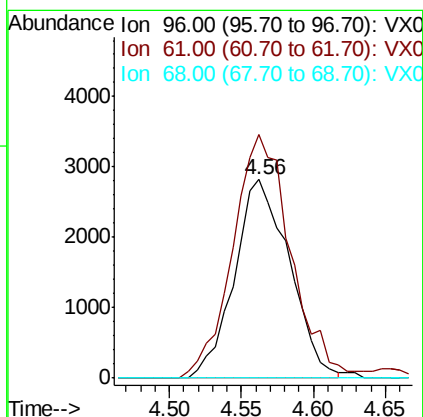
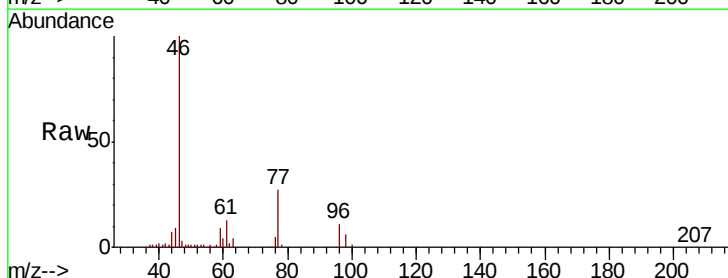
Instrument :
 MSVOA_X
 ClientSampleId :

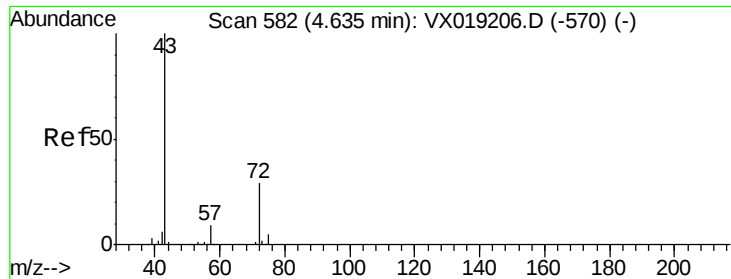
Tot Ion	Ratio	Lower	Upper
63	100		
65	34.3	22.3	41.3
83	14.8	9.7	18.1



#20
 cis-1,2-Dichloroethene
 Concen: 2.367 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX019217.D
 Acq: 02 Nov 2020 17:26

Tgt Ion	Ratio	Lower	Upper
96	100		
61	122.6	86.1	159.9
68	0.0	0.0	0.0





#22

2-Butanone

Concen: 4.153 ug/L

RT: 4.65 min Scan# 584

Delta R.T. 0.01 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Instrument :

MSVOA_X

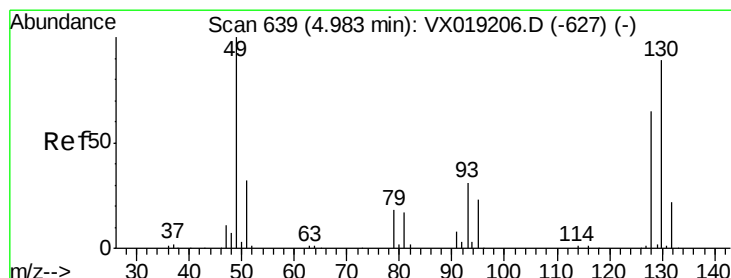
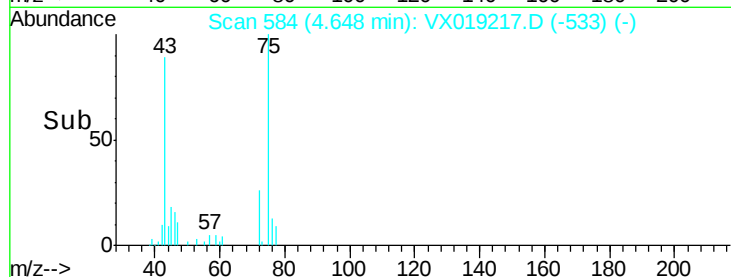
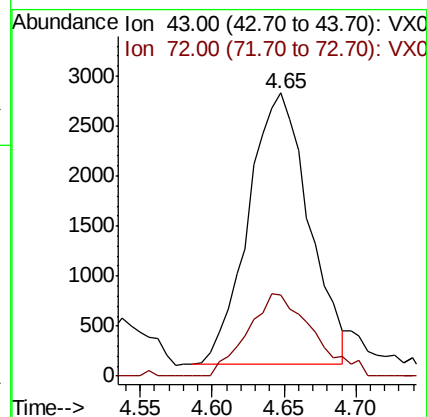
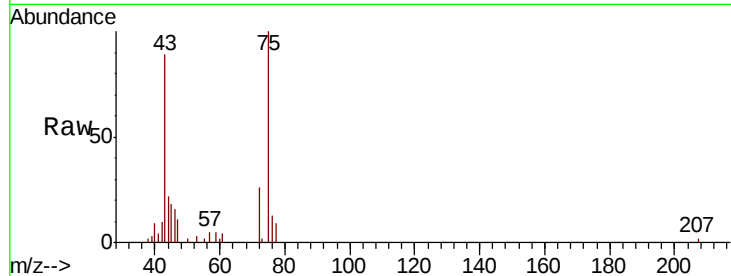
ClientSampleId :

Tot Ion: 43 Resp: 7908

Ion Ratio Lower Upper

43 100

72 33.0 15.0 45.0



#23

Bromochloromethane

Concen: 2.368 ug/L

RT: 4.98 min Scan# 639

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Tgt Ion:128 Resp: 3770

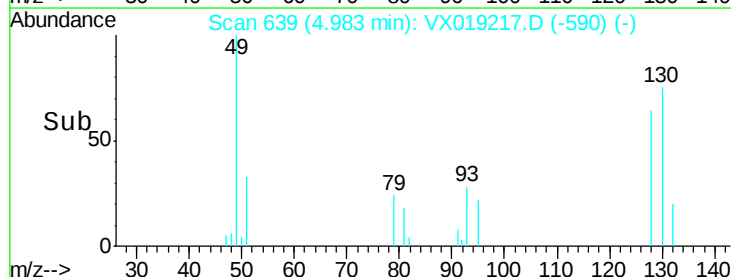
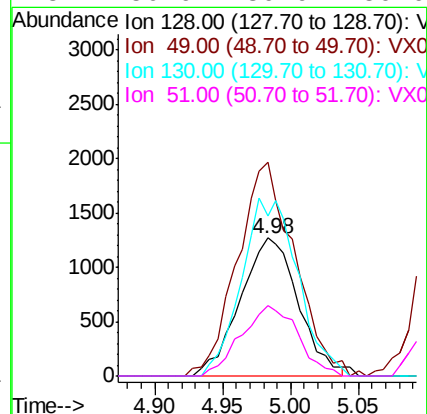
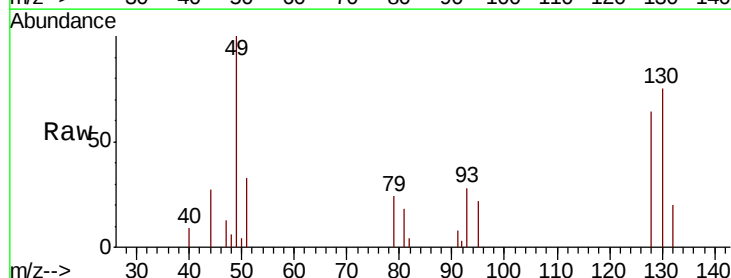
Ion Ratio Lower Upper

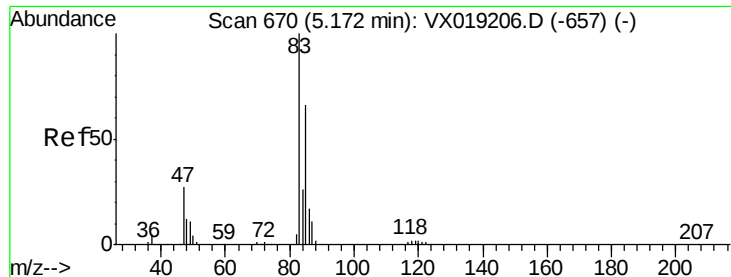
128 100

49 155.1 108.4 201.4

130 116.1 96.7 179.7

51 50.9 39.9 59.9

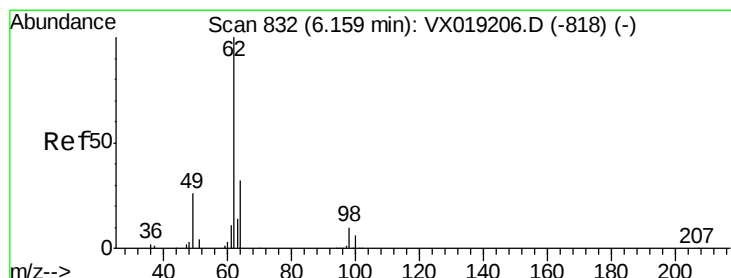
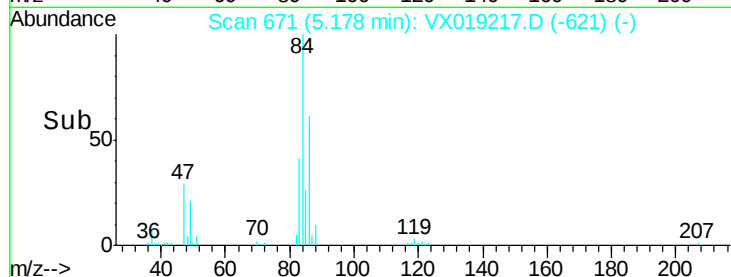
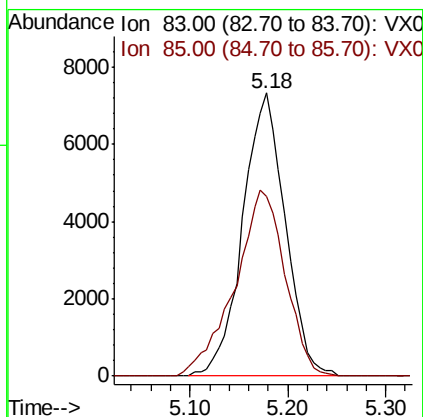
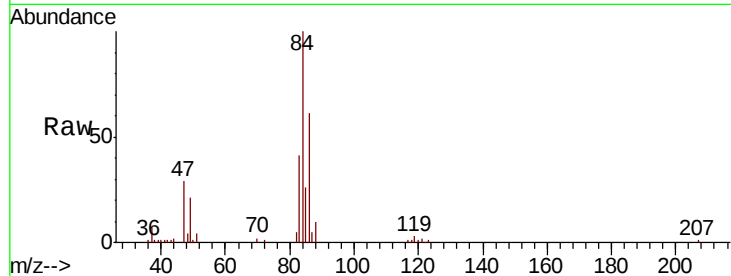




#25
Chloroform
Concen: 4.112 ug/L
RT: 5.18 min Scan# 671
Delta R.T. 0.01 min
Lab File: VX019217.D
Acq: 02 Nov 2020 17:26

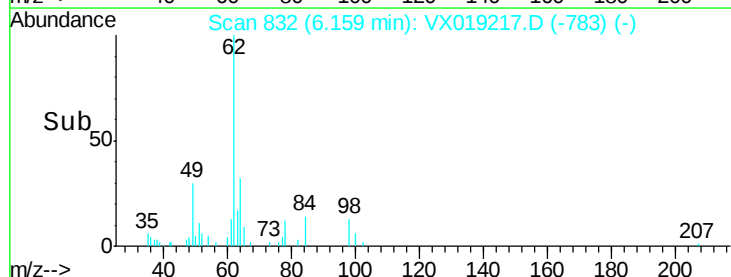
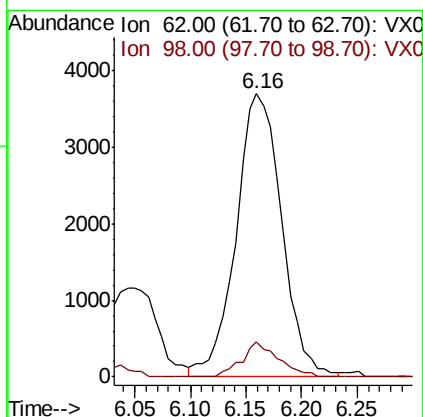
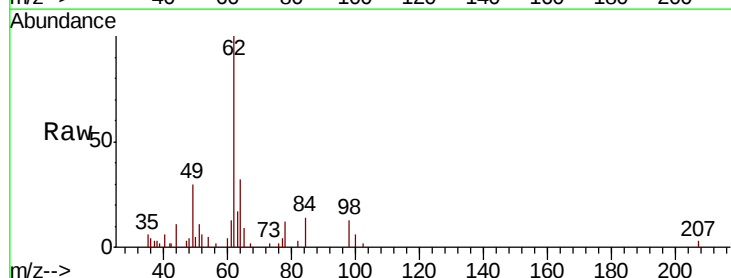
Instrument :
MSVOA_X
ClientSampleId :

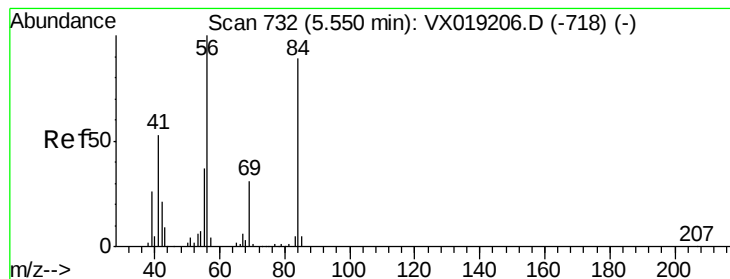
Tot Ion: 83 Resp: 22075
Ion Ratio Lower Upper
83 100
85 63.5 46.5 86.3



#27
1,2-Dichloroethane
Concen: 2.495 ug/L
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX019217.D
Acq: 02 Nov 2020 17:26

Tgt Ion: 62 Resp: 10546
Ion Ratio Lower Upper
62 100
98 12.6 7.6 11.4#





#29

Cyclohexane

Concen: 2.312 ug/L

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Instrument :

MSVOA_X

ClientSampled :

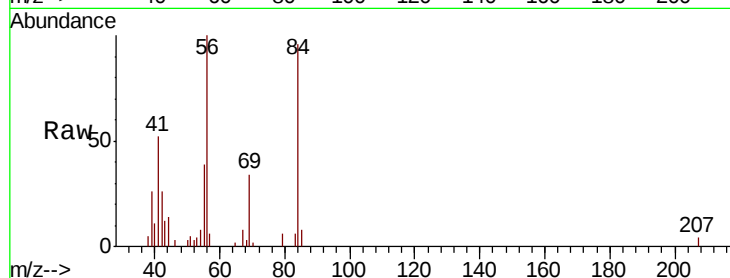
Tot Ion: 56 Resp: 10892

Ion Ratio Lower Upper

56 100

69 33.8 25.2 37.8

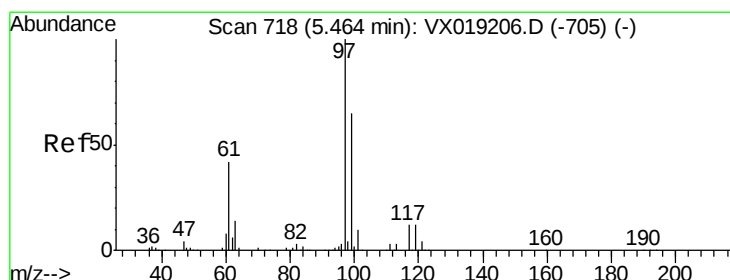
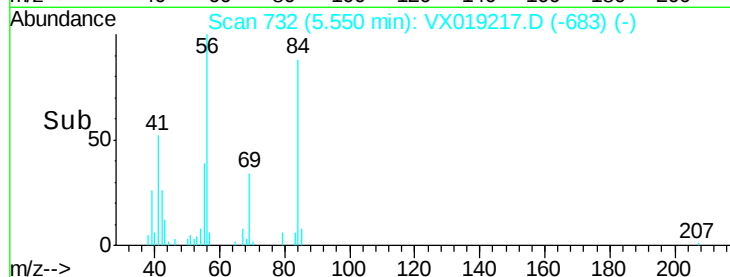
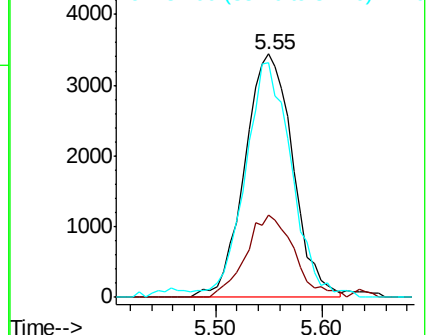
84 91.5 73.6 110.4



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: 2.256 ug/L

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

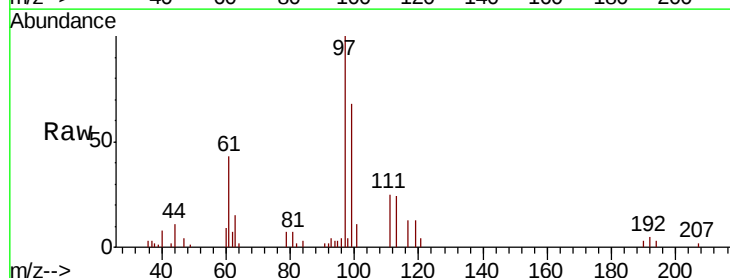
Tgt Ion: 97 Resp: 11129

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

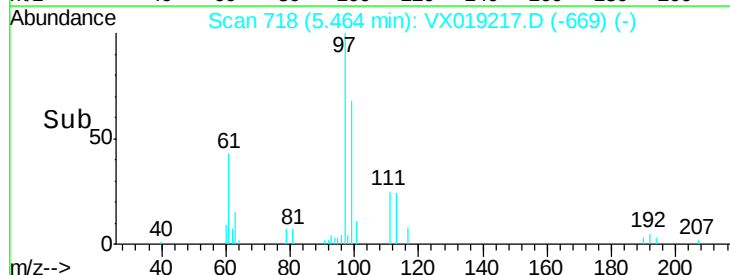
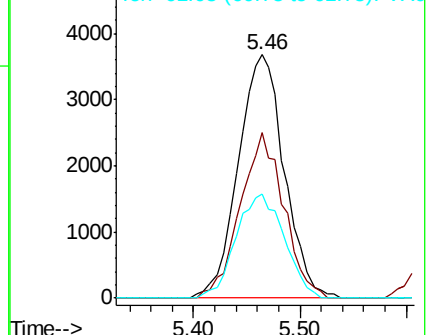
61 44.9 34.8 52.2

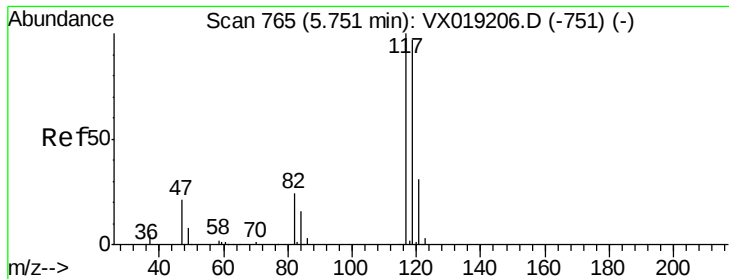


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.05 (60.75 to 61.75): VX0



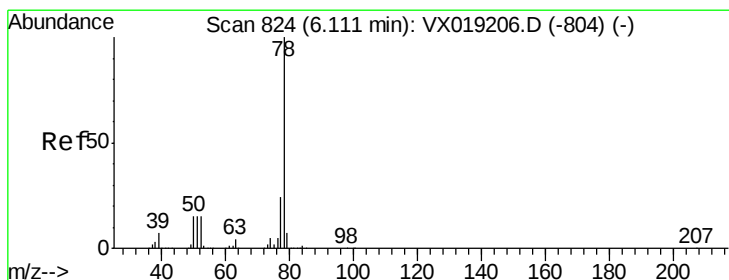
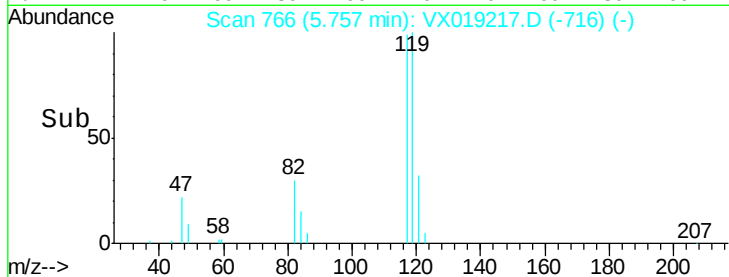
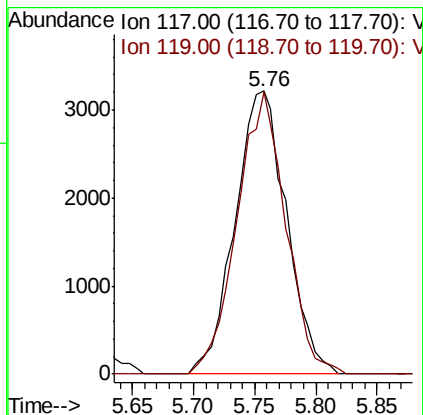
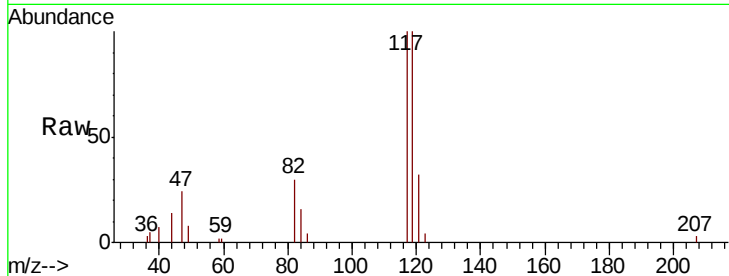


#31

Carbon tetrachloride
Concen: 2.224 ug/L
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019217.D
Acq: 02 Nov 2020 17:26

Instrument :
MSVOA_X
ClientSampleId :

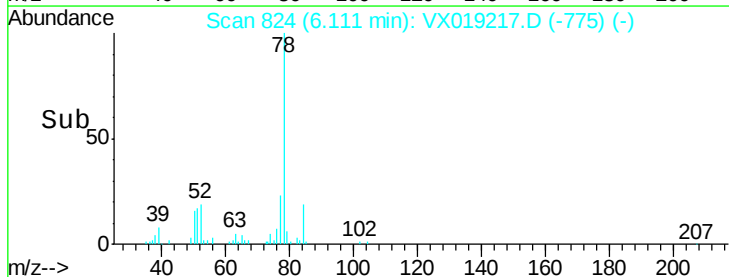
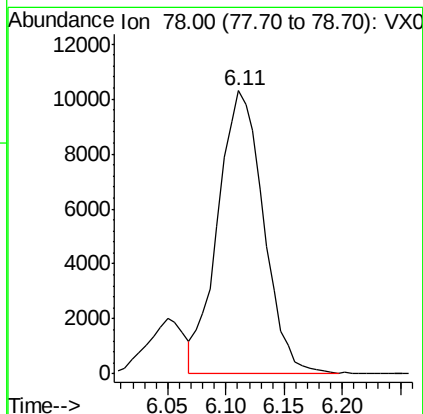
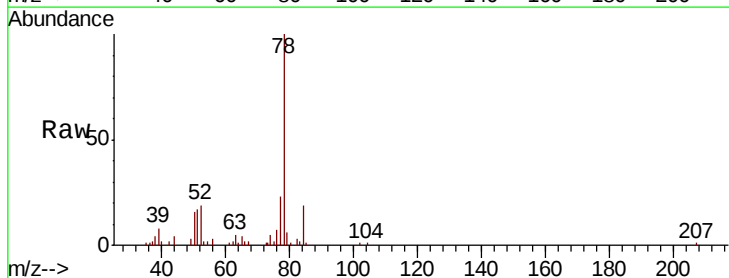
Tot Ion:117 Resp: 9426
Ion Ratio Lower Upper
117 100
119 94.1 76.9 115.3

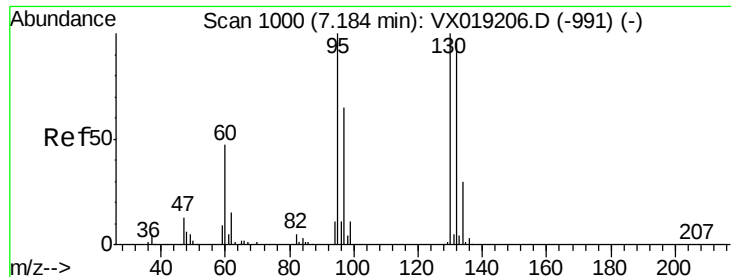


#33

Benzene
Concen: 2.385 ug/L
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX019217.D
Acq: 02 Nov 2020 17:26

Tgt Ion: 78 Resp: 28029

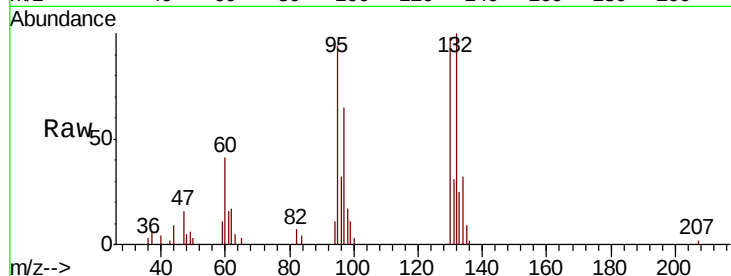




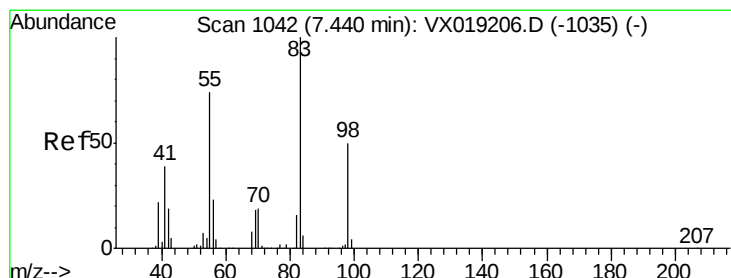
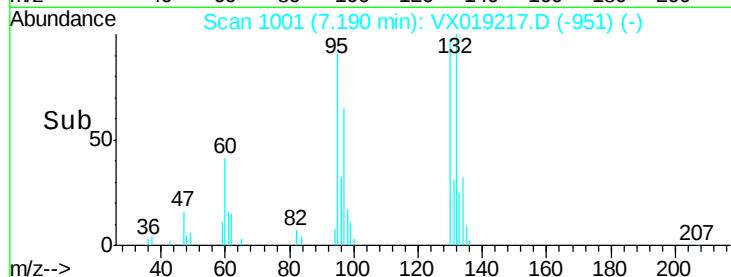
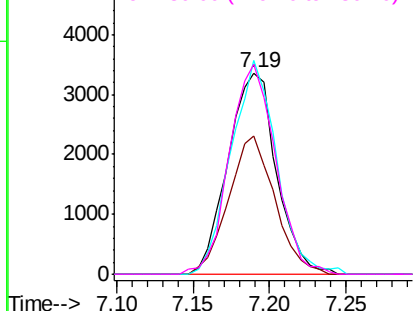
#34
 Trichloroethene
 Concen: 2.304 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX019217.D
 Acq: 02 Nov 2020 17:26

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	95	Resp:	7390
Ion	Ratio	Lower	Upper
95	100		
97	68.8	45.1	83.9
132	106.2	67.3	124.9
130	104.2	69.9	129.9

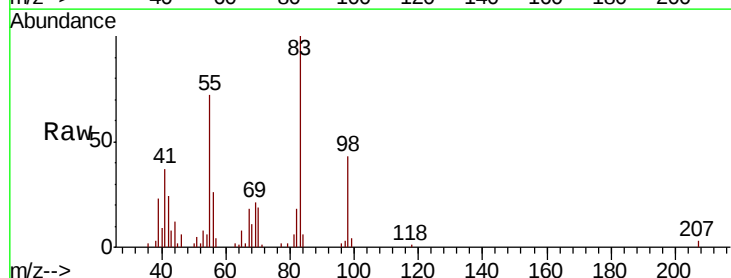


Abundance Ion 95.00 (94.70 to 95.70): VX0
 Ion 97.00 (96.70 to 97.70): VX0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

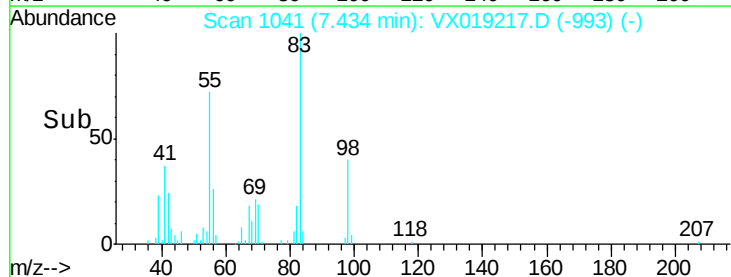
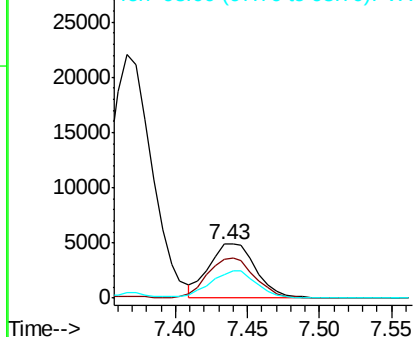


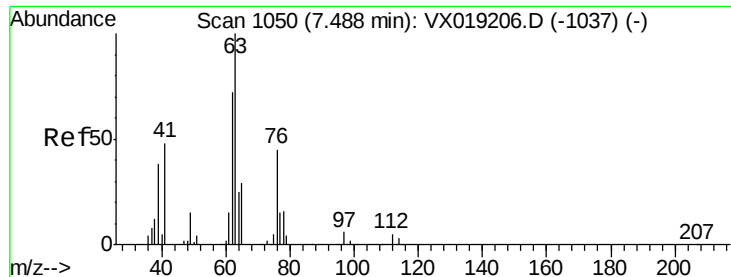
#35
 Methylcyclohexane
 Concen: 2.197 ug/L
 RT: 7.43 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: VX019217.D
 Acq: 02 Nov 2020 17:26

Tgt Ion:	83	Resp:	11150
Ion	Ratio	Lower	Upper
83	100		
55	74.7	58.6	87.8
98	49.3	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: 2.279 ug/L

RT: 7.48 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Instrument :

MSVOA_X

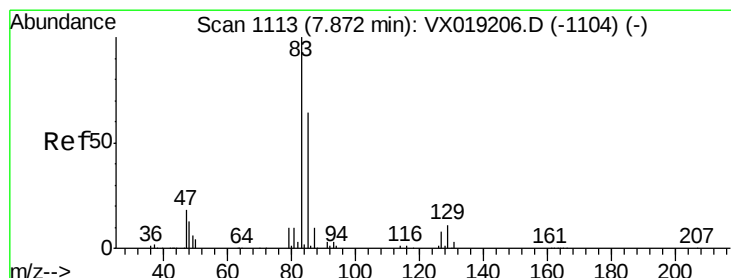
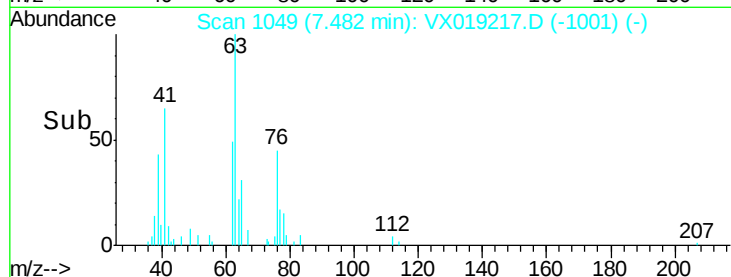
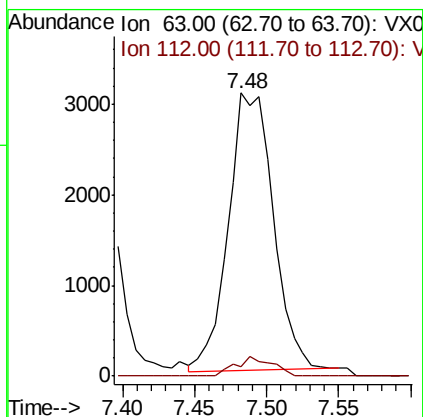
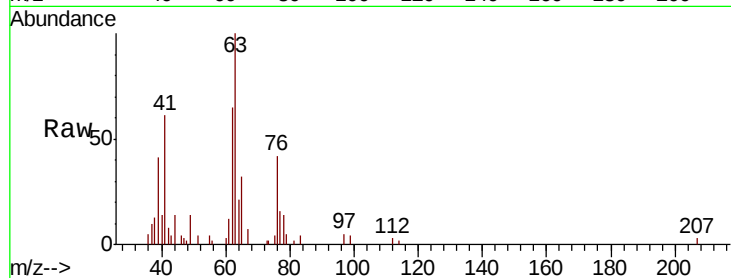
ClientSampled :

Tot Ion: 63 Resp: 6650

Ion Ratio Lower Upper

63 100

112 5.7 3.8 5.6#



#38

Bromodichloromethane

Concen: 2.221 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

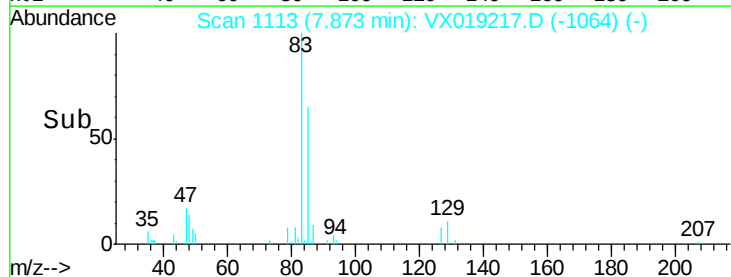
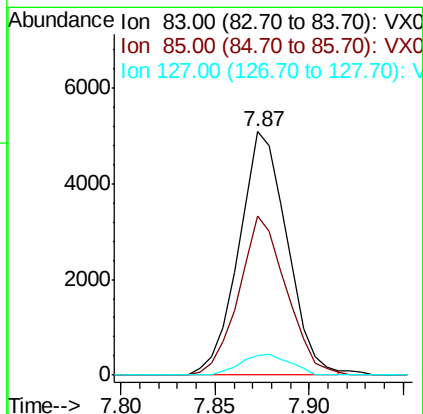
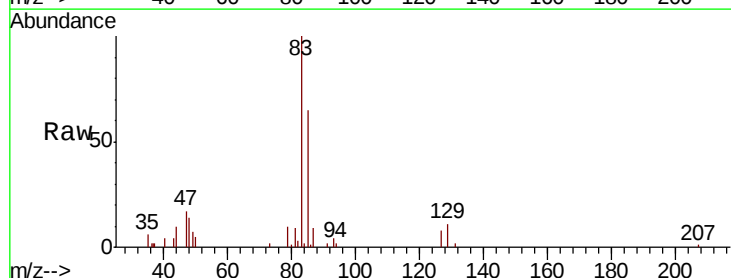
Tgt Ion: 83 Resp: 9013

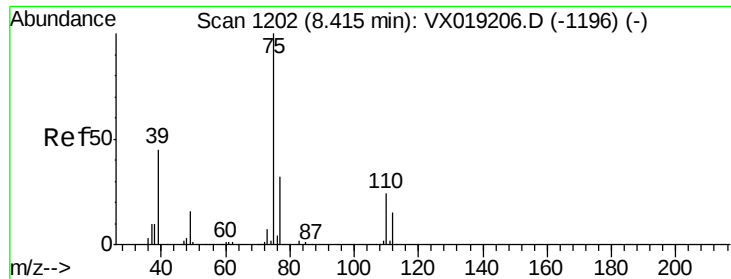
Ion Ratio Lower Upper

83 100

85 65.1 44.6 82.8

127 8.2 6.8 10.2



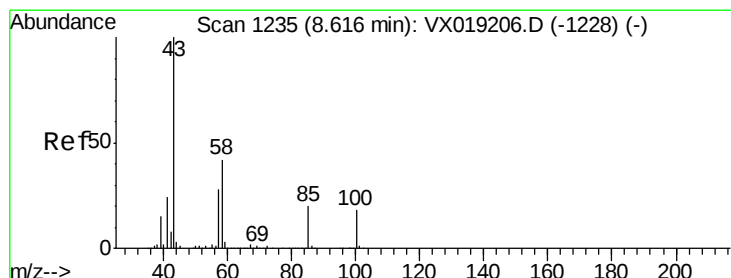
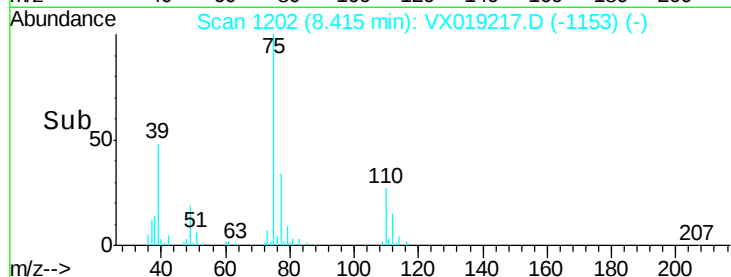
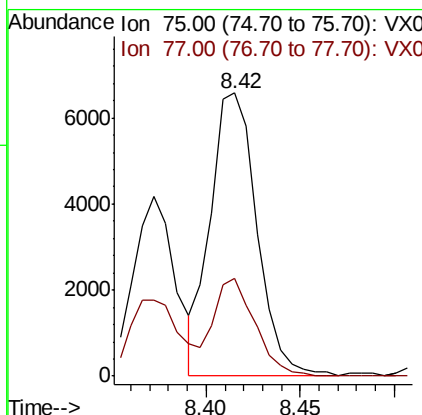
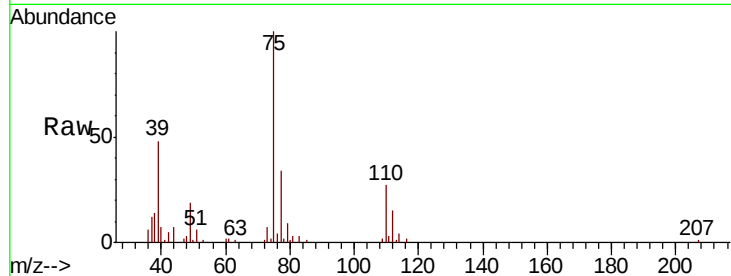


#39

cis-1,3-Dichloropropene
 Concen: 2.319 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: VX019217.D
 Acq: 02 Nov 2020 17:26

Instrument :
 MSVOA_X
 ClientSampled :

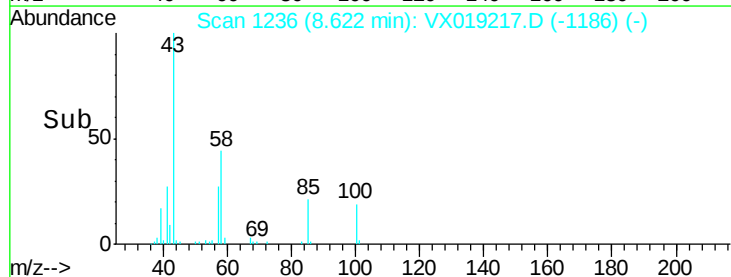
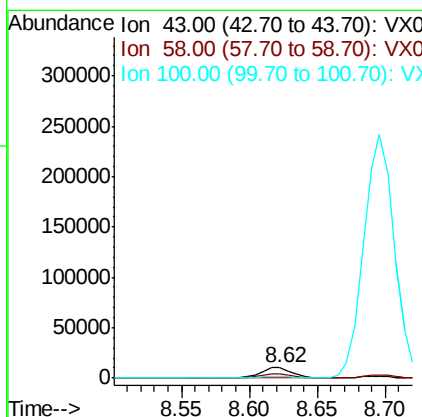
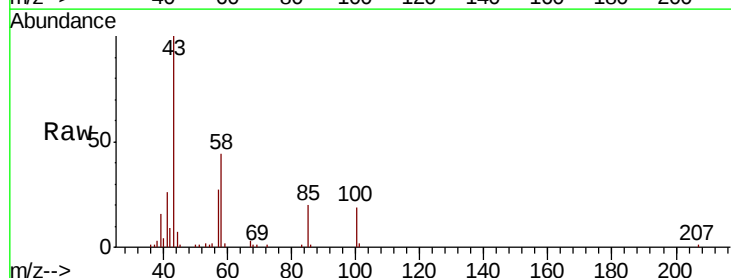
Tot Ion: 75 Resp: 11247
 Ion Ratio Lower Upper
 75 100
 77 34.5 22.5 41.7

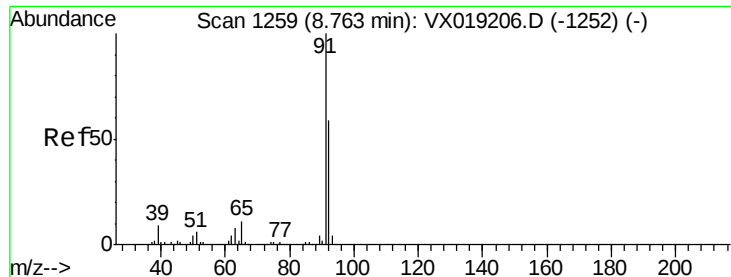


#40

4-Methyl-2-pentanone
 Concen: 4.821 ug/L
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: VX019217.D
 Acq: 02 Nov 2020 17:26

Tgt Ion: 43 Resp: 17209
 Ion Ratio Lower Upper
 43 100
 58 43.0 34.1 51.1
 100 18.2 14.8 22.2





#42

Toluene

Concen: 2.963 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Instrument :

MSVOA_X

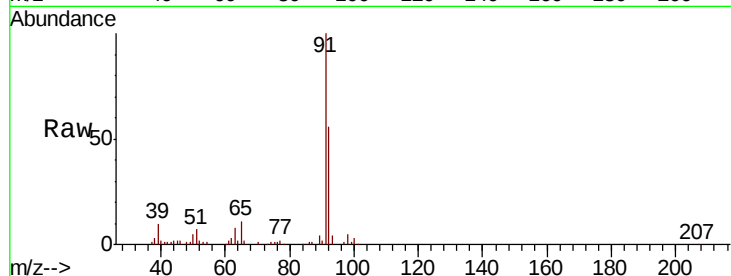
ClientSampled :

Tot Ion: 91 Resp: 37872

Ion Ratio Lower Upper

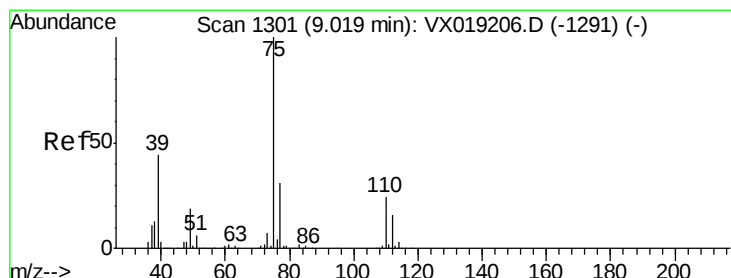
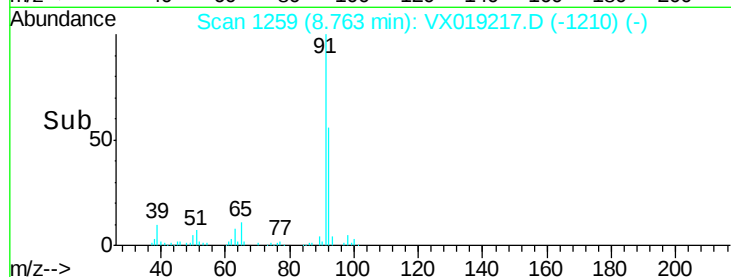
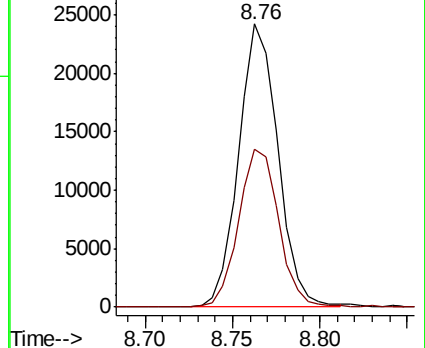
91 100

92 55.7 41.2 76.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0



#44

trans-1,3-Dichloropropene

Concen: 2.361 ug/L

RT: 9.02 min Scan# 1302

Delta R.T. 0.01 min

Lab File: VX019217.D

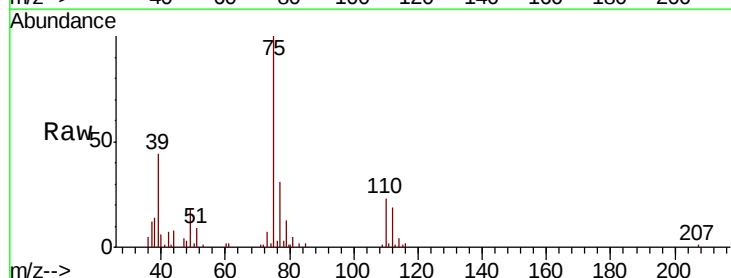
Acq: 02 Nov 2020 17:26

Tgt Ion: 75 Resp: 11153

Ion Ratio Lower Upper

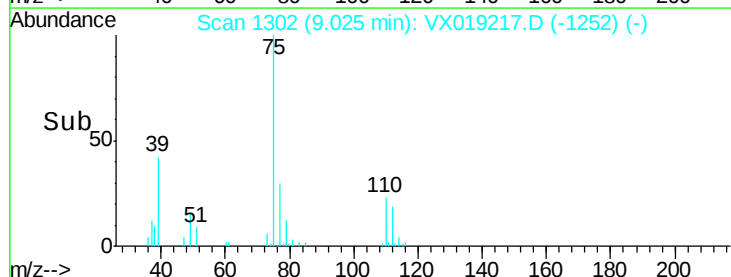
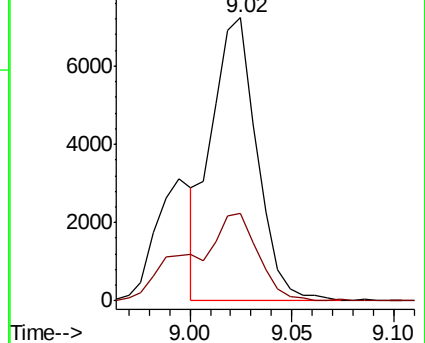
75 100

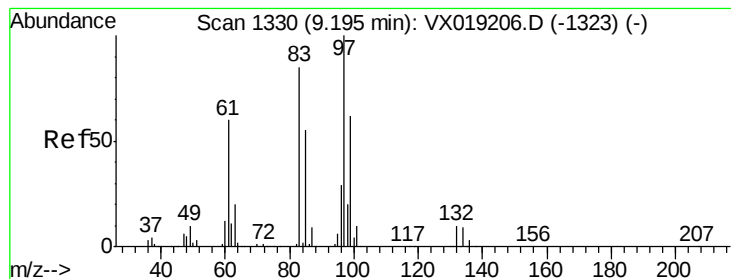
77 30.9 21.8 40.6



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: 2.330 ug/L

RT: 9.20 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 6679

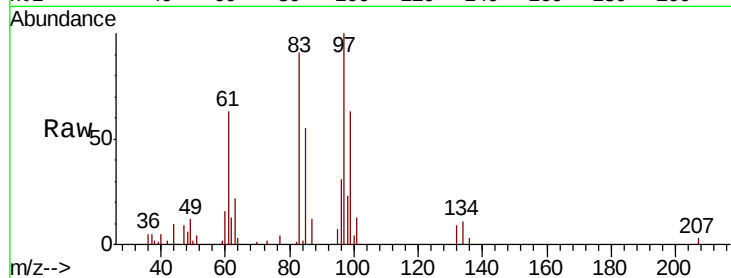
Ion Ratio Lower Upper

97 100

99 62.8 43.3 80.3

83 90.5 59.4 110.4

85 55.3 38.7 71.9



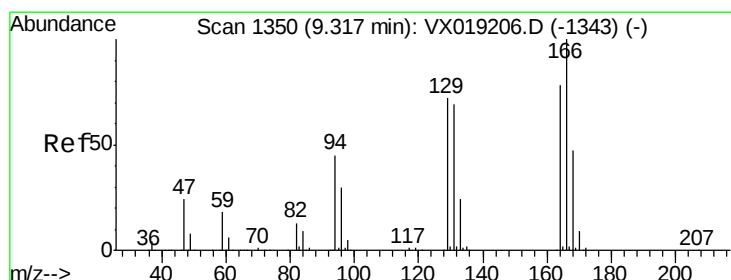
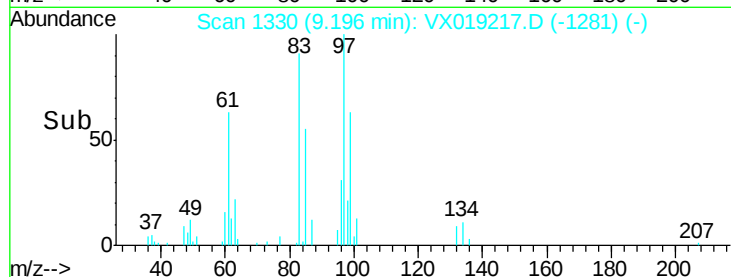
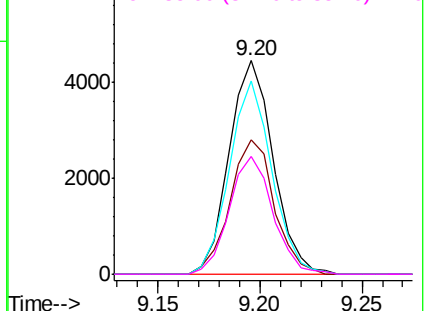
Abundance

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: 2.435 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Tgt Ion: 164 Resp: 5892

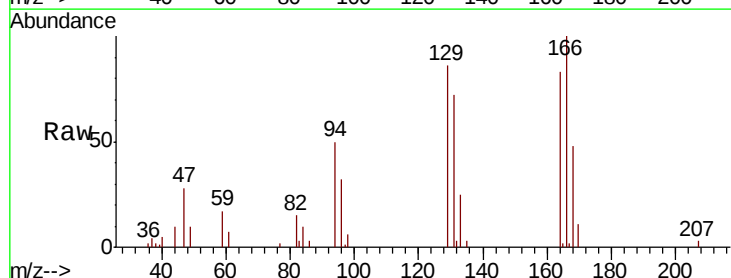
Ion Ratio Lower Upper

164 100

129 103.4 65.2 121.2

131 87.5 62.5 116.1

166 120.9 90.2 167.6



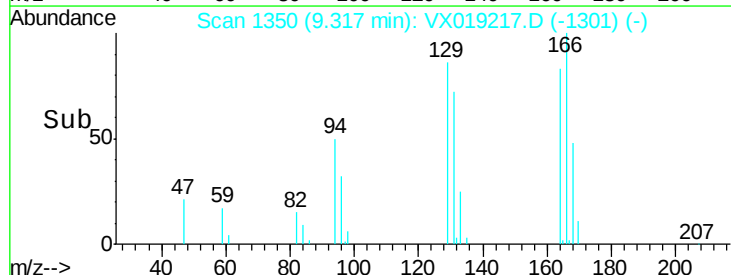
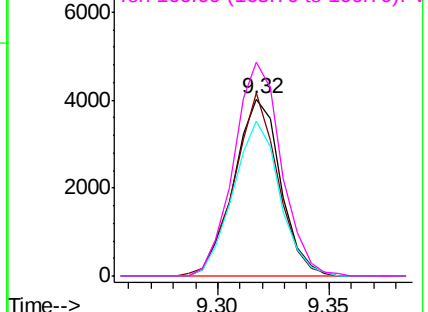
Abundance

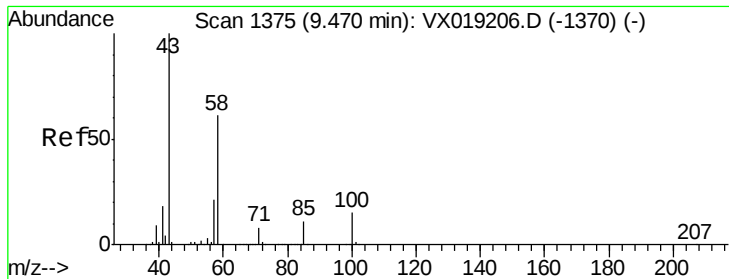
Ion 164.00 (163.70 to 164.70): V

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

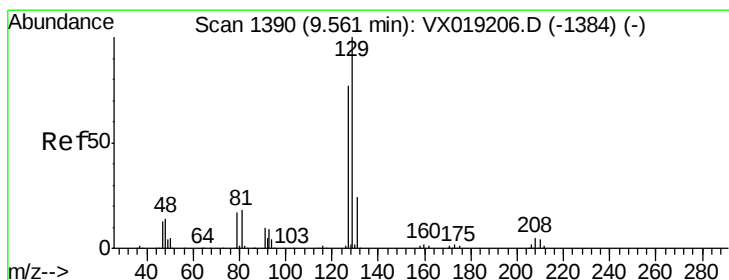
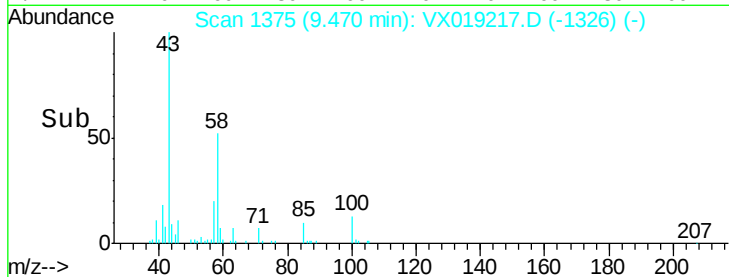
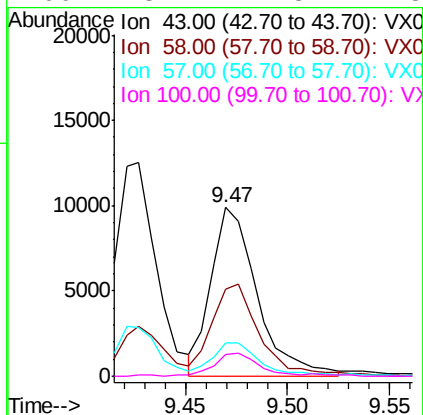
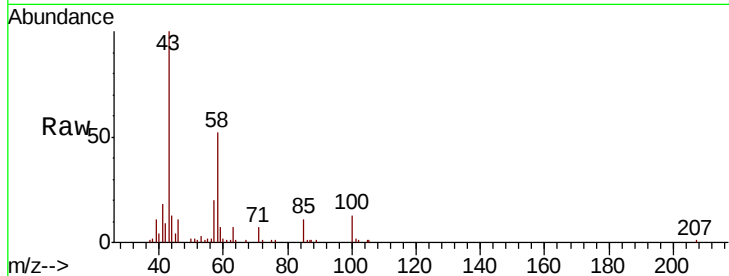




#48
2-Hexanone
Concen: 5.486 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019217.D
Acq: 02 Nov 2020 17:26

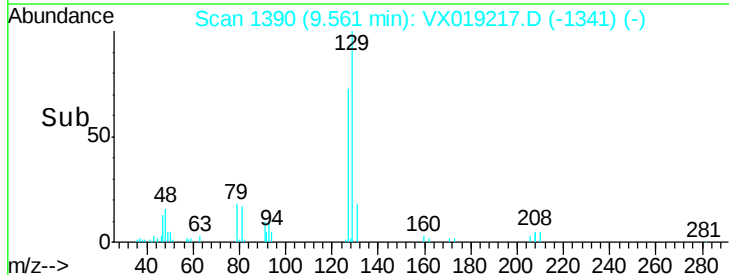
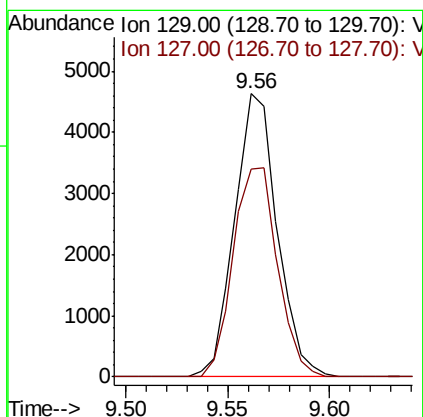
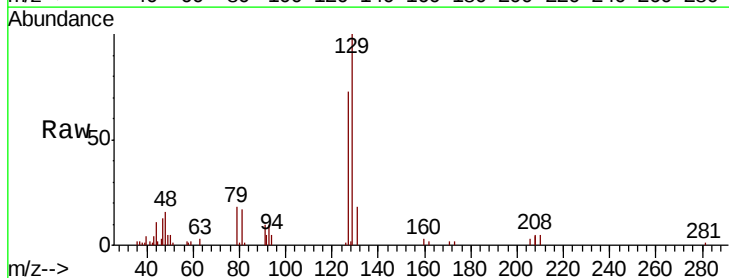
Instrument :
MSVOA_X
ClientSampleId :

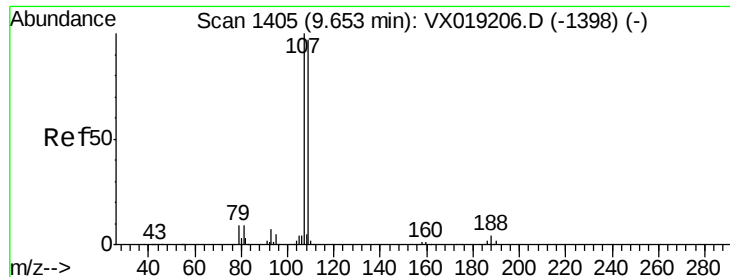
Tot Ion: 43 Resp: 15429
Ion Ratio Lower Upper
43 100
58 57.3 48.2 72.2
57 21.2 17.1 25.7
100 13.4 11.8 17.8



#49
Dibromochloromethane
Concen: 2.141 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019217.D
Acq: 02 Nov 2020 17:26

Tgt Ion: 129 Resp: 6715
Ion Ratio Lower Upper
129 100
127 73.5 54.0 100.2

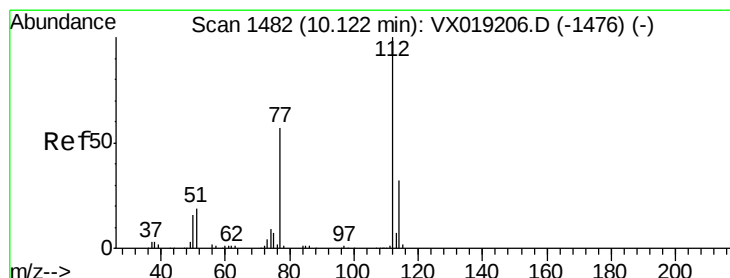
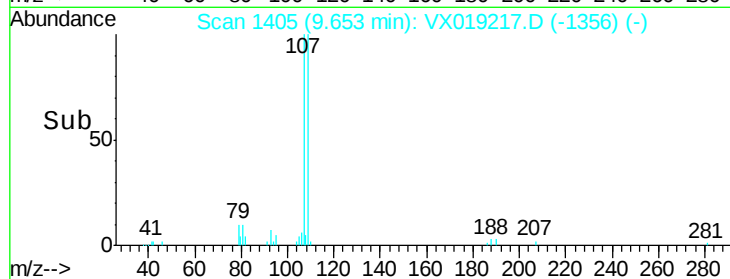
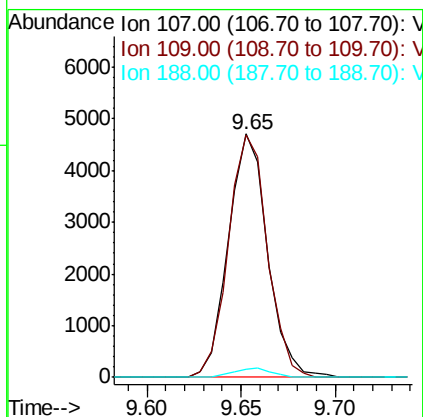
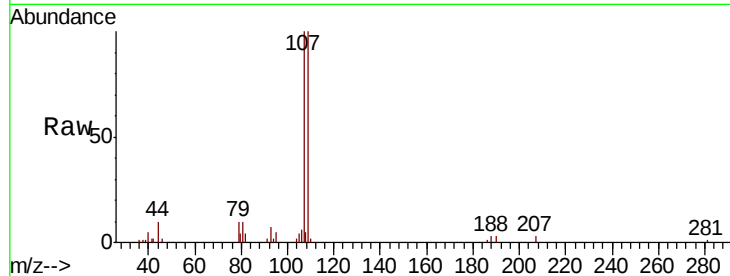




#50
 1,2-Dibromoethane
 Concen: 2.270 ug/L
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019217.D
 Acq: 02 Nov 2020 17:26

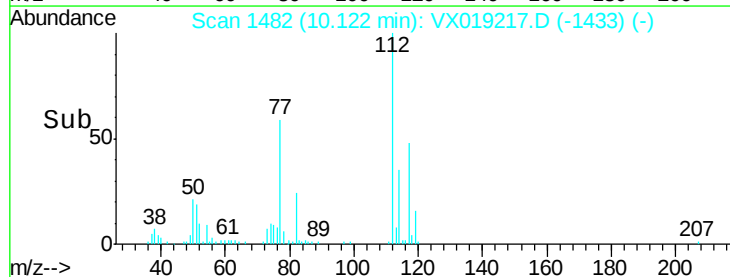
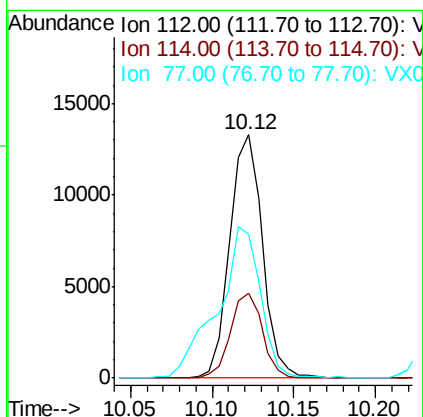
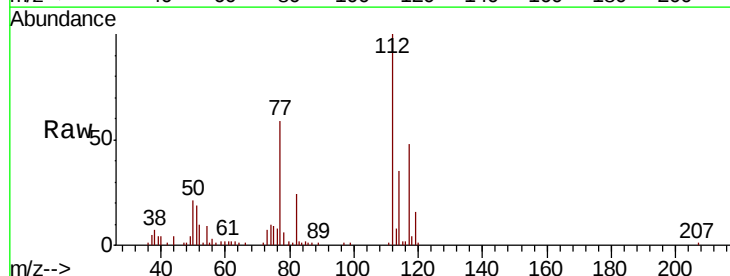
Instrument :
 MSVOA_X
 ClientSampleId :

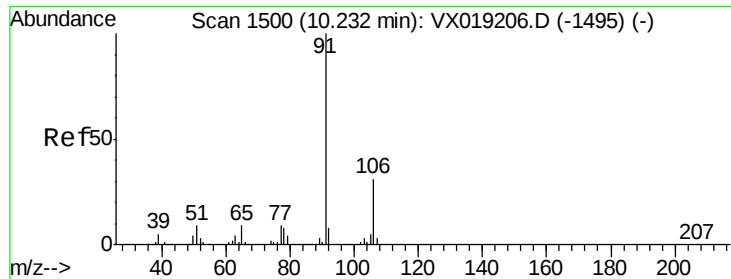
Tot Ion	Ratio	Lower	Upper
107	100		
109	99.6	68.1	126.5
188	3.4	3.0	4.4



#51
 Chlorobenzene
 Concen: 2.340 ug/L
 RT: 10.12 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: VX019217.D
 Acq: 02 Nov 2020 17:26

Tgt Ion	Ratio	Lower	Upper
112	100		
114	35.0	22.2	41.2
77	59.2	46.2	69.4





#52

Ethylbenzene

Concen: 2.308 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Instrument :

MSVOA_X

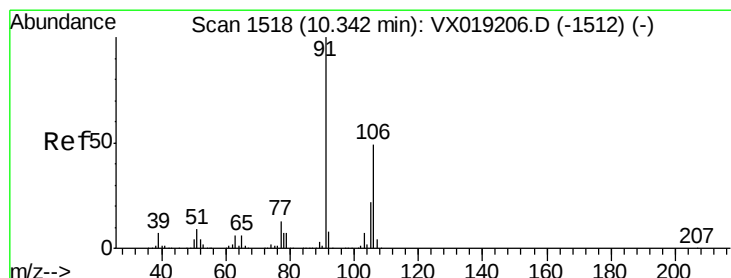
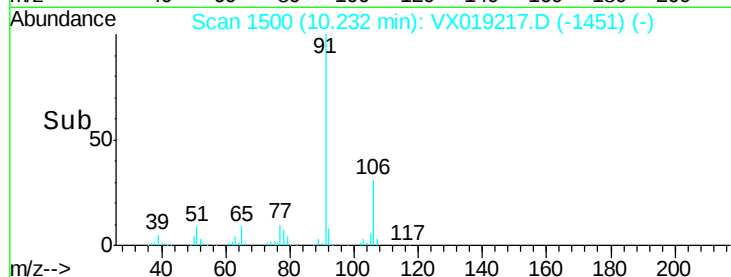
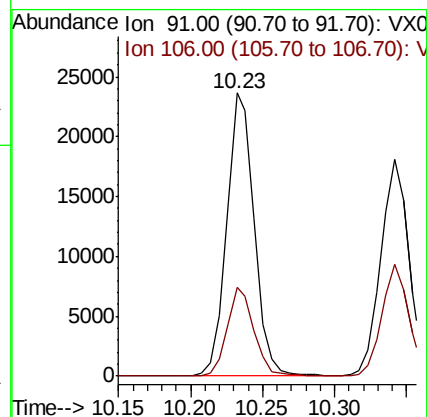
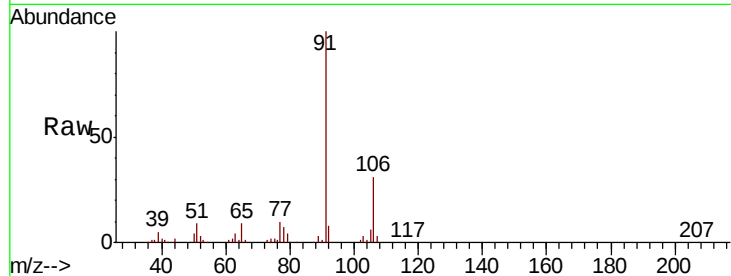
ClientSampleId :

Tot Ion: 91 Resp: 31884

Ion Ratio Lower Upper

91 100

106 31.3 21.5 39.9



#53

m,p-Xylene

Concen: 2.322 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019217.D

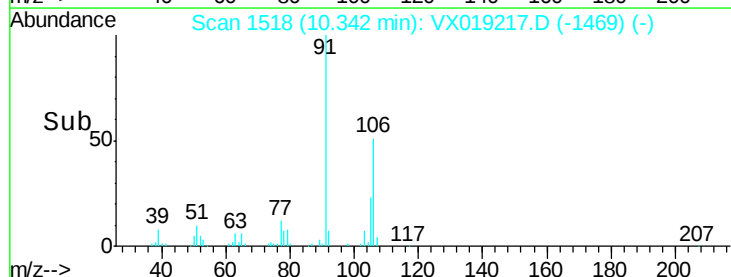
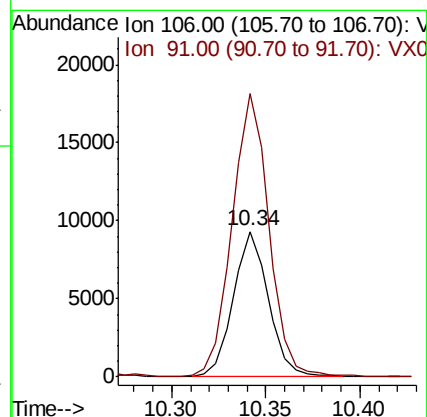
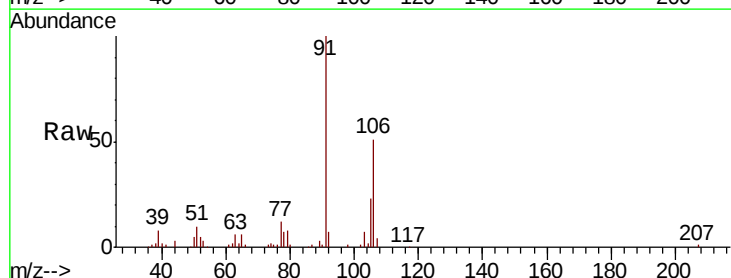
Acq: 02 Nov 2020 17:26

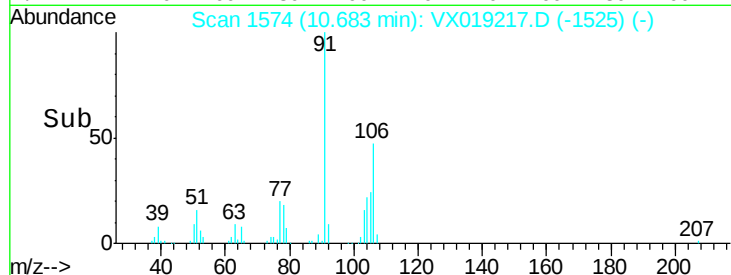
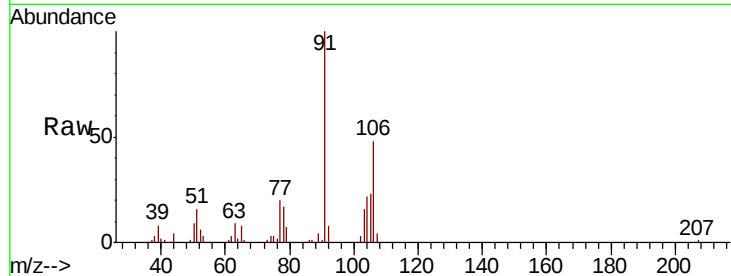
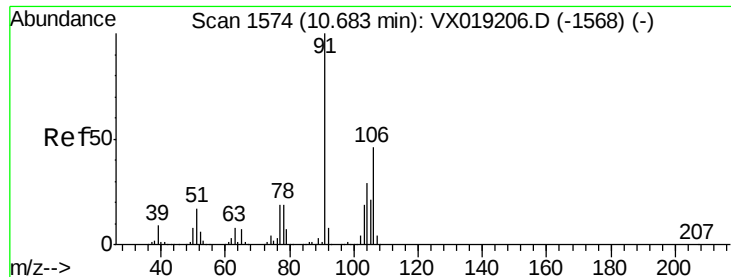
Tgt Ion: 106 Resp: 12052

Ion Ratio Lower Upper

106 100

91 194.2 144.2 267.8

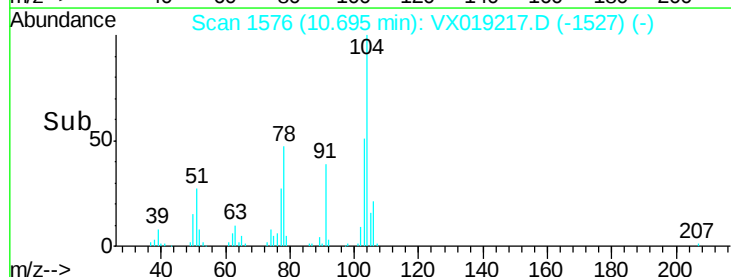
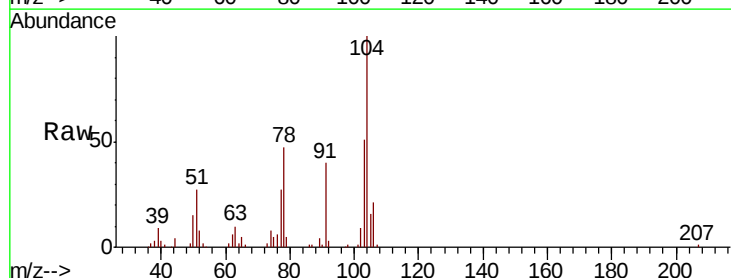
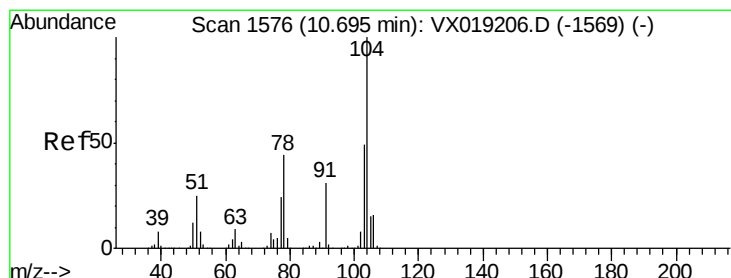
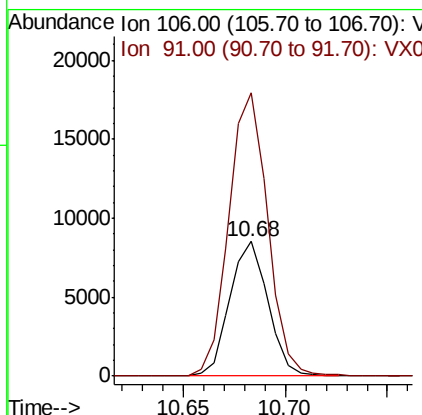




#54
o-Xylene
Concen: 2.205 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019217.D
Acq: 02 Nov 2020 17:26

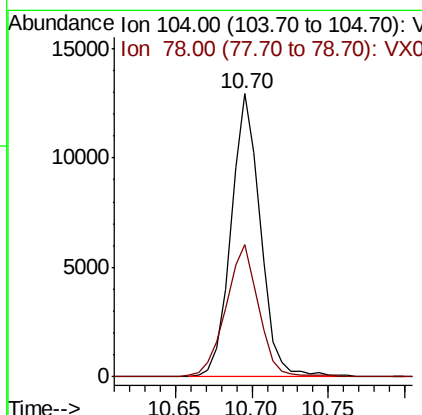
Instrument :
MSVOA_X
ClientSampled :

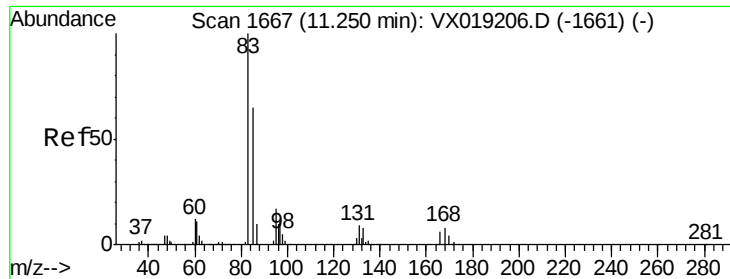
Tot Ion:106 Resp: 11084
Ion Ratio Lower Upper
106 100
91 210.5 153.3 284.7



#55
Styrene
Concen: 2.023 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019217.D
Acq: 02 Nov 2020 17:26

Tgt Ion:104 Resp: 17154
Ion Ratio Lower Upper
104 100
78 46.9 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 2.472 ug/L

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

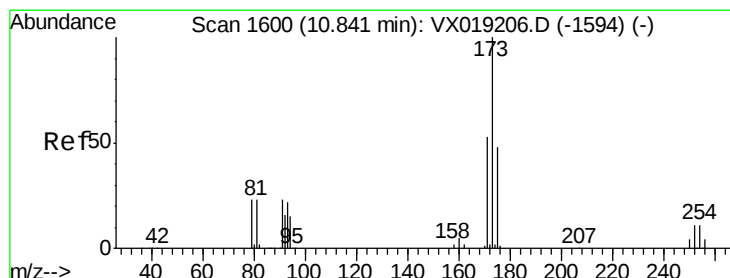
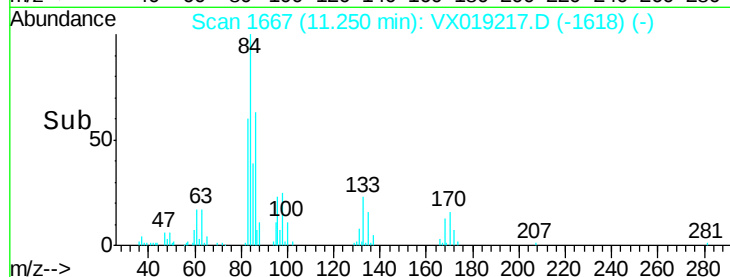
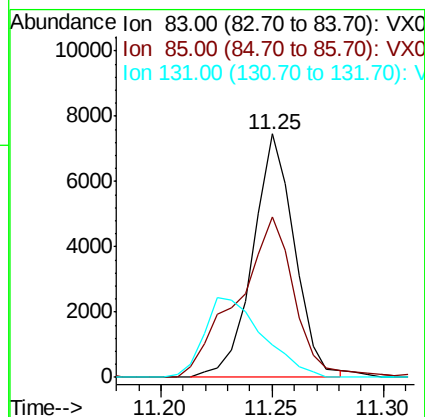
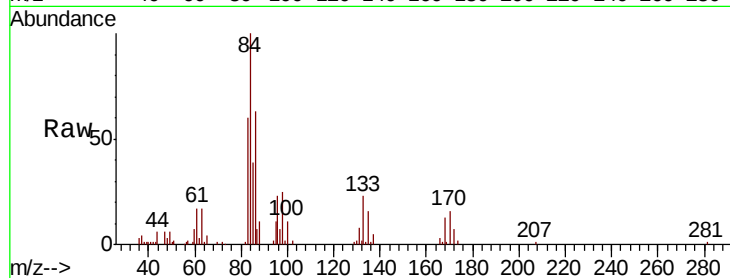
Tot Ion: 83 Resp: 9714

Ion Ratio Lower Upper

83 100

85 65.6 45.9 85.3

131 13.2 7.7 11.5#



#59

Bromoform

Concen: 2.001 ug/L

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

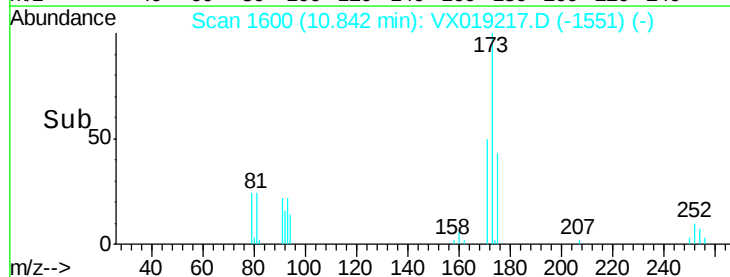
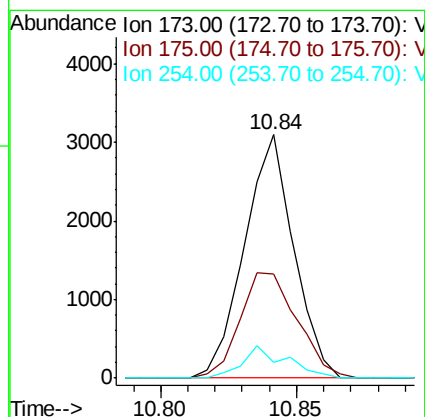
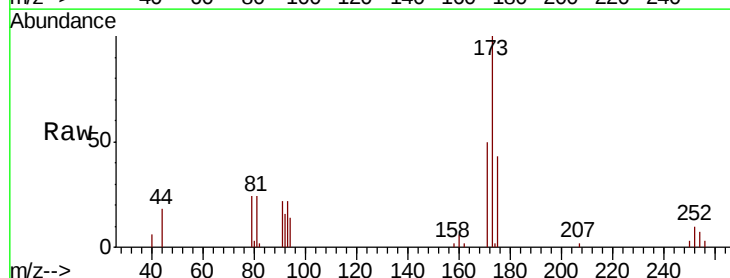
Tgt Ion: 173 Resp: 3891

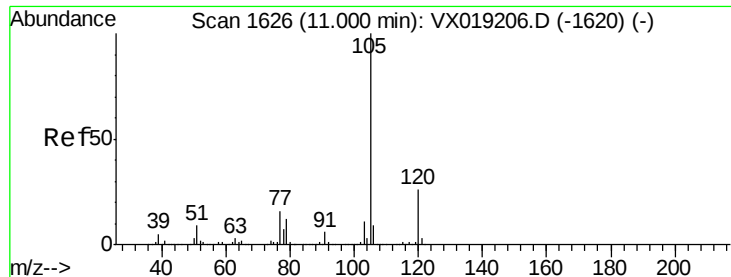
Ion Ratio Lower Upper

173 100

175 50.1 39.7 59.5

254 11.9 8.2 12.4





#60

Isopropylbenzene

Concen: 2.438 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Instrument :

MSVOA_X

ClientSampleId :

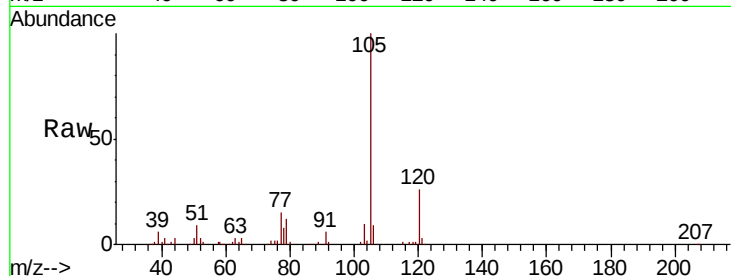
Tot Ion:105 Resp: 29691

Ion Ratio Lower Upper

105 100

120 26.0 21.1 31.7

77 15.0 12.6 19.0

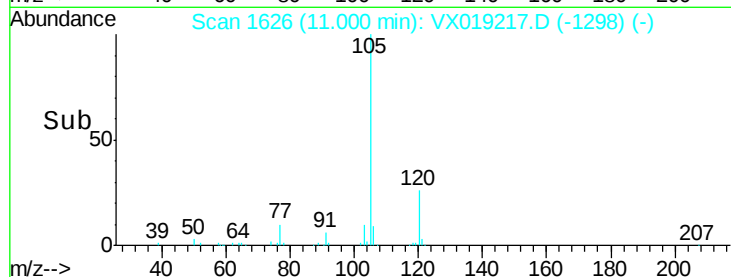


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V

Time-->



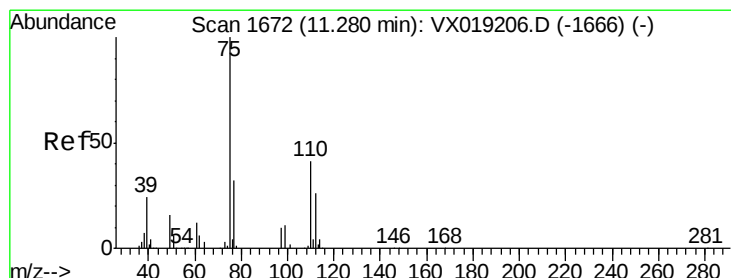
Abundance

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

Time-->



#61

1,2,3-Trichloropropane

Concen: 2.552 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

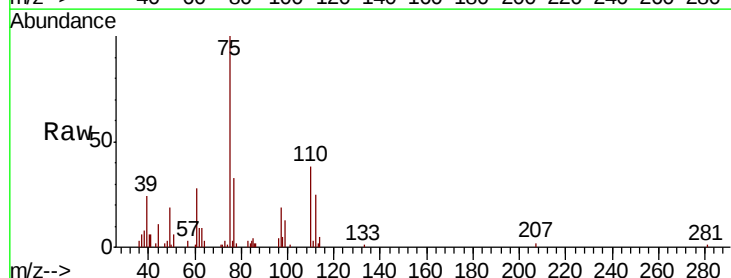
Tgt Ion: 75 Resp: 7801

Ion Ratio Lower Upper

75 100

77 33.8 25.4 38.0

110 39.5 32.2 48.2

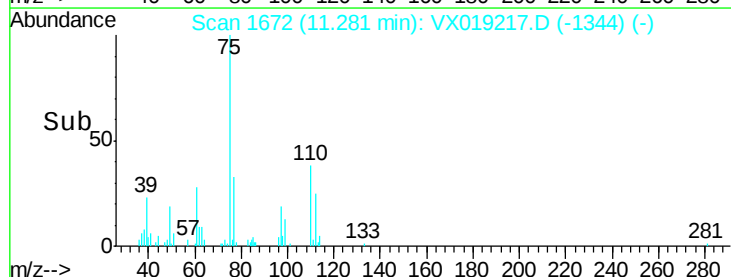


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V

Time-->



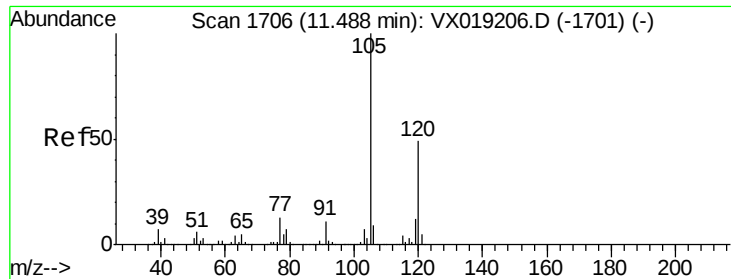
Abundance

Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V

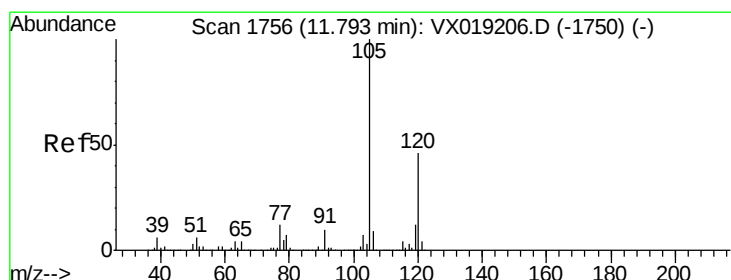
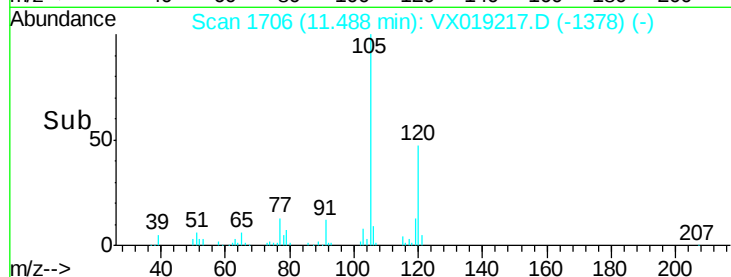
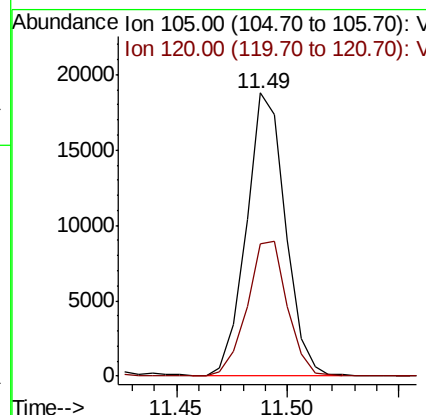
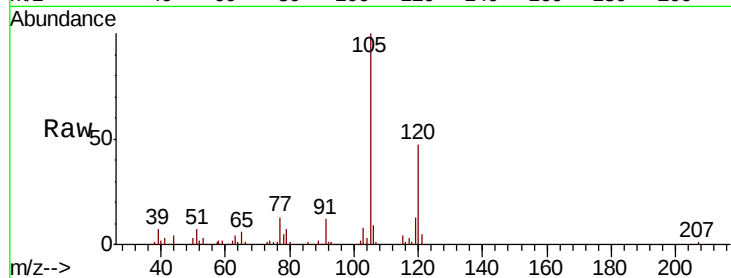
Time-->



#62
 1,3,5-Trimethylbenzene
 Concen: 2.299 ug/L
 RT: 11.49 min Scan# 1706
 Delta R.T. 0.00 min
 Lab File: VX019217.D
 Acq: 02 Nov 2020 17:26

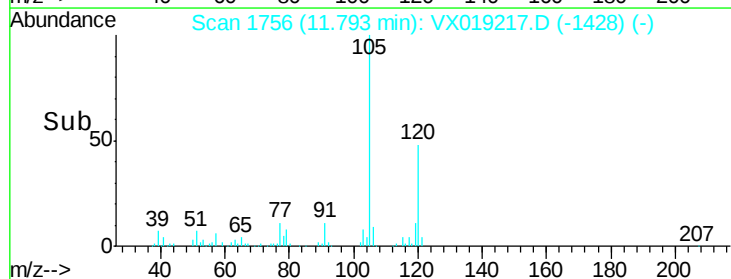
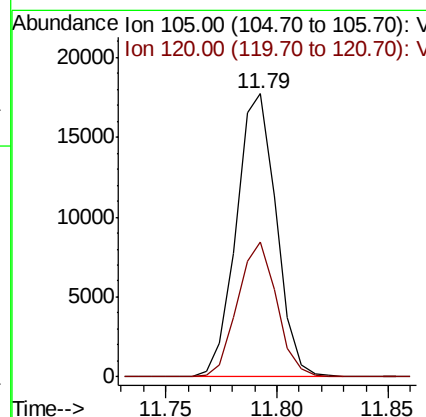
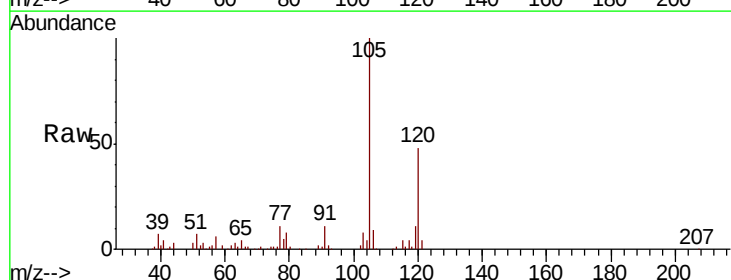
Instrument :
 MSVOA_X
 ClientSampled :

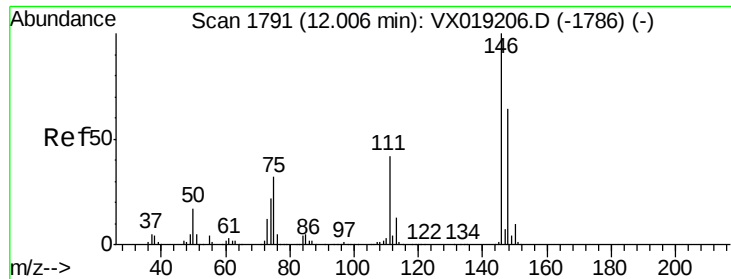
Tot Ion:105 Resp: 23040
 Ion Ratio Lower Upper
 105 100
 120 48.8 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 2.333 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019217.D
 Acq: 02 Nov 2020 17:26

Tgt Ion:105 Resp: 22115
 Ion Ratio Lower Upper
 105 100
 120 46.7 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 2.276 ug/L

RT: 12.01 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

Instrument :

MSVOA_X

ClientSampled :

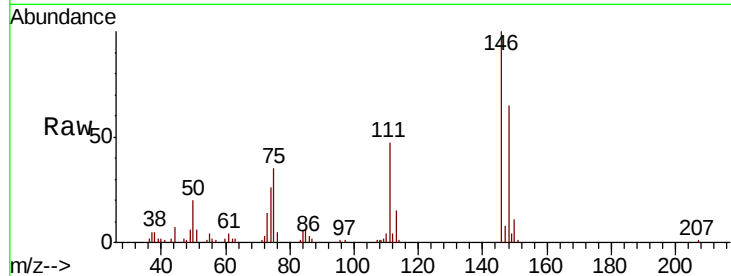
Tot Ion:146 Resp: 11967

Ion Ratio Lower Upper

146 100

111 46.9 29.7 55.1

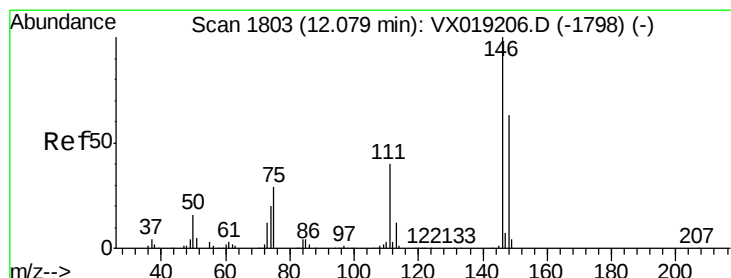
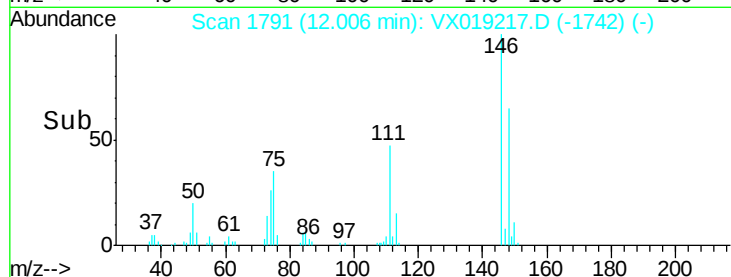
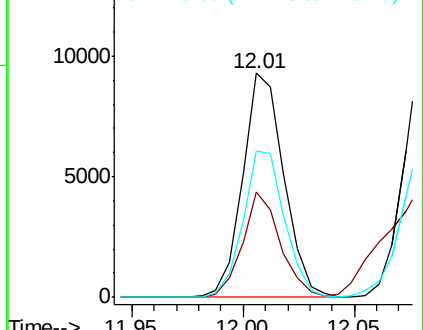
148 65.1 44.5 82.7



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: 2.356 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VX019217.D

Acq: 02 Nov 2020 17:26

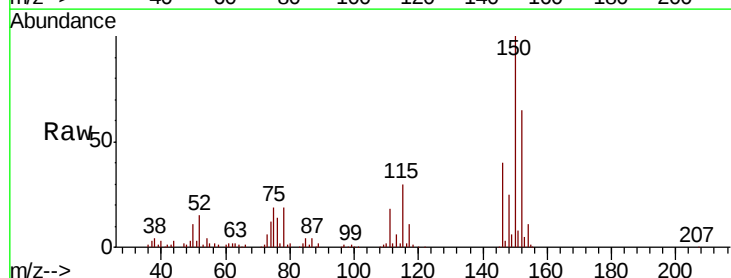
Tgt Ion:146 Resp: 12574

Ion Ratio Lower Upper

146 100

111 44.5 28.1 52.3

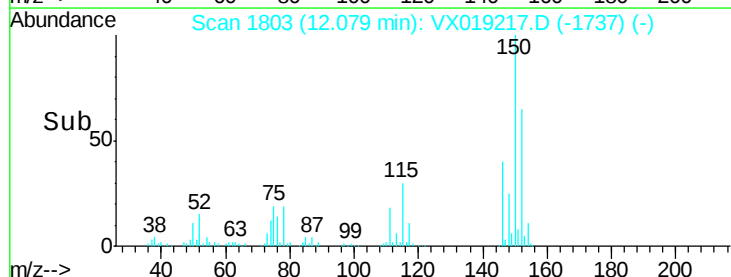
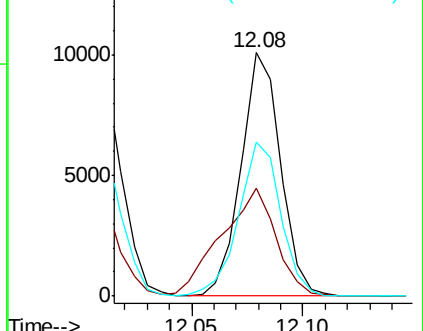
148 63.2 43.8 81.4

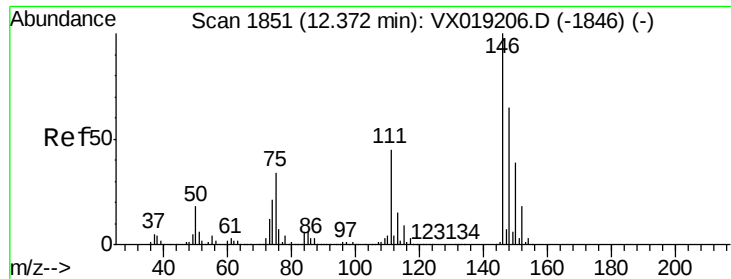


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

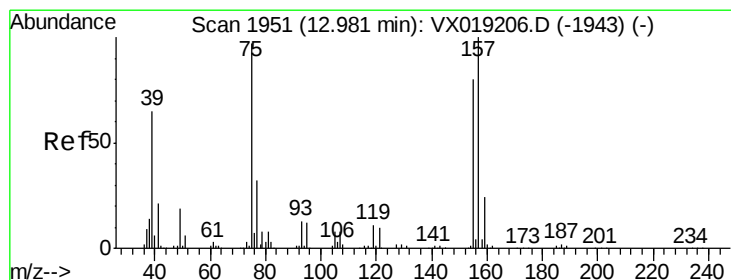
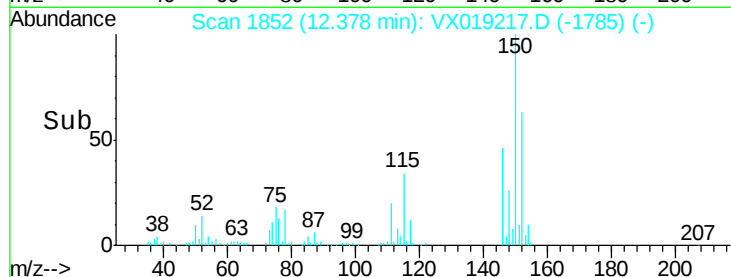
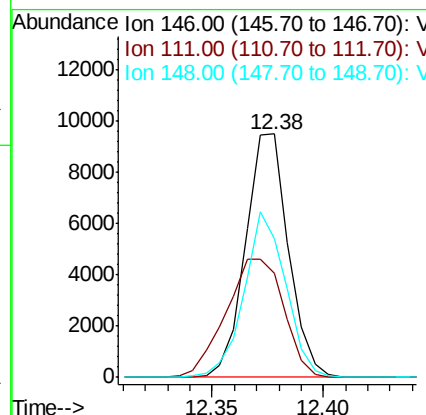
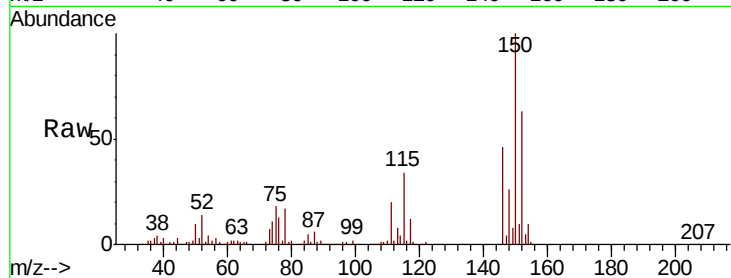




#67
 1,2-Dichlorobenzene
 Concen: 2.512 ug/L
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019217.D
 Acq: 02 Nov 2020 17:26

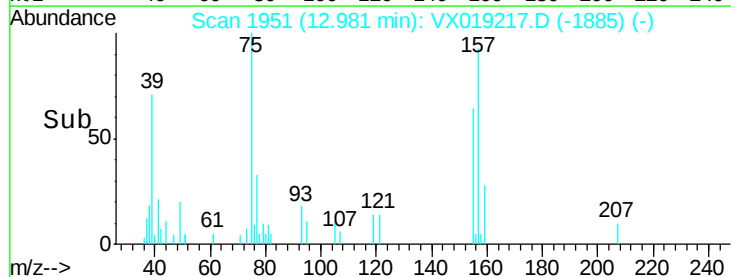
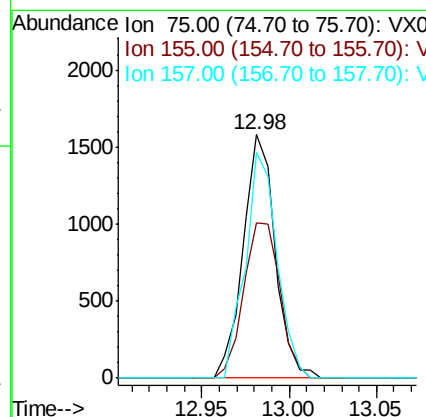
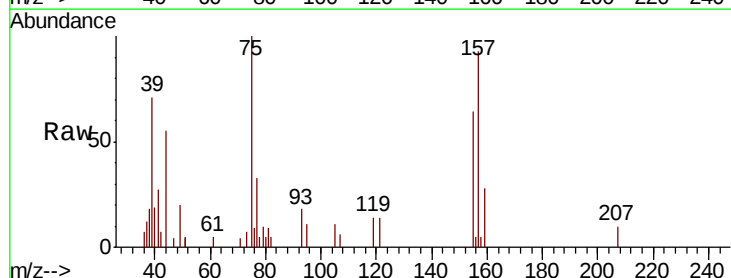
Instrument :
 MSVOA_X
 ClientSampleId :

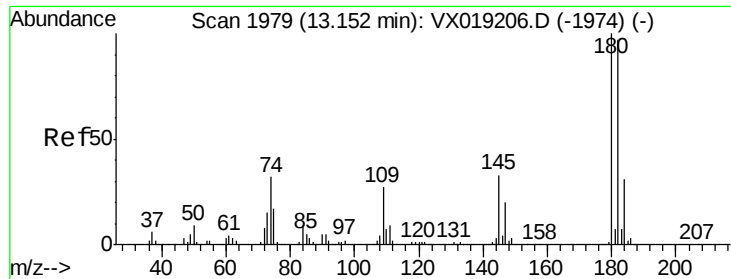
Tot Ion:146 Resp: 12790
 Ion Ratio Lower Upper
 146 100
 111 43.0 35.9 53.9
 148 56.8 52.2 78.4



#68
 1,2-Dibromo-3-chloropropane
 Concen: 2.412 ug/L
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX019217.D
 Acq: 02 Nov 2020 17:26

Tgt Ion: 75 Resp: 2008
 Ion Ratio Lower Upper
 75 100
 155 64.1 65.8 98.8#
 157 92.6 82.6 123.8

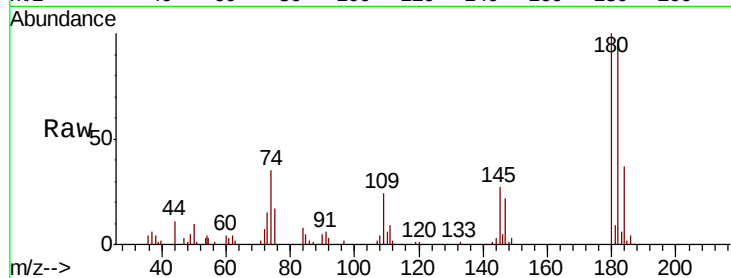




#69
 1,3,5-Trichlorobenzene
 Concen: 2.290 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VX019217.D
 Acq: 02 Nov 2020 17:26

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	180	Resp	8433
Ion Ratio	Lower	Upper	
180	100		
182	95.3	78.8	118.2
184	32.4	25.2	37.8
145	29.6	25.8	38.6



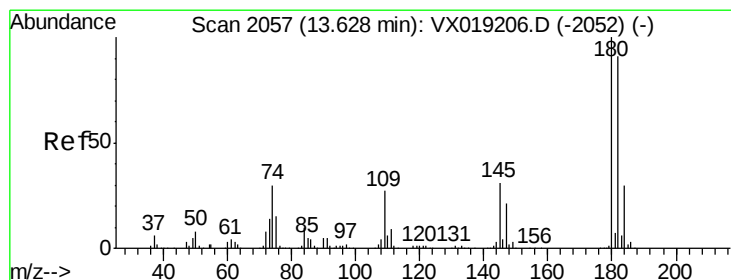
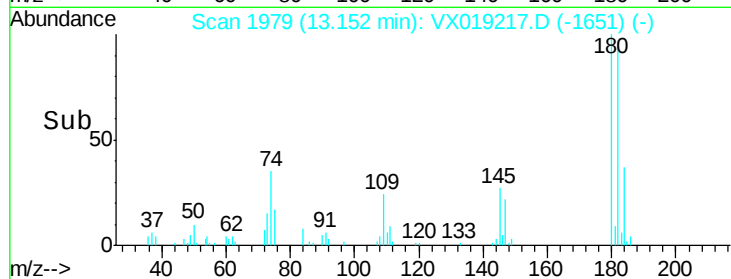
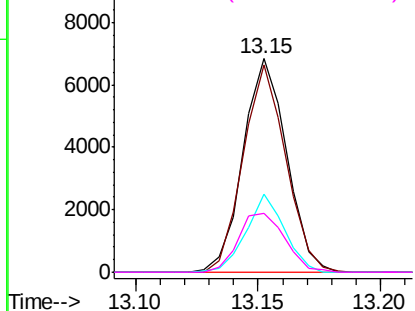
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

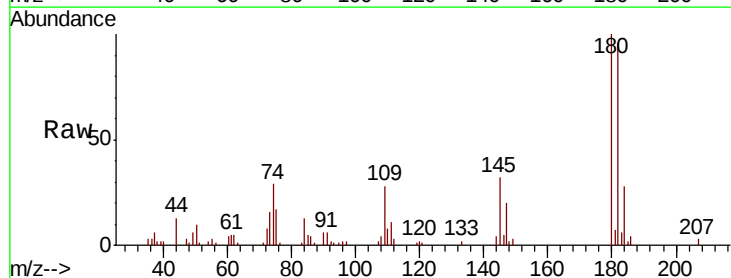
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,4-trichlorobenzene
 Concen: 2.238 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019217.D
 Acq: 02 Nov 2020 17:26

Tgt Ion	180	Resp	7597
Ion Ratio	Lower	Upper	
180	100		
182	96.4	74.6	111.8
145	31.8	25.4	38.0

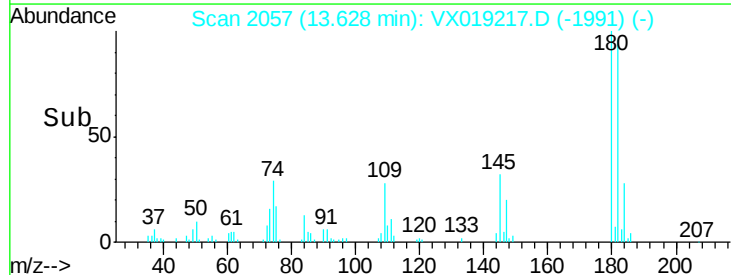
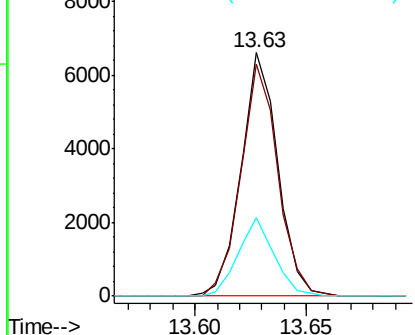


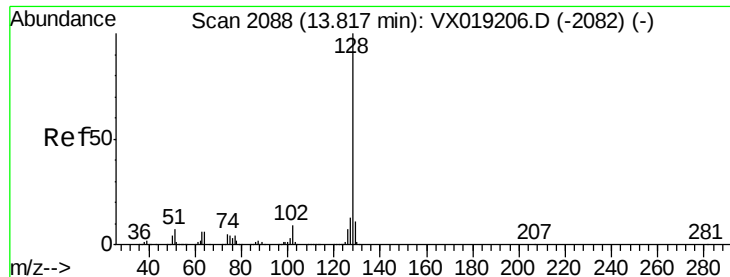
Abundance

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

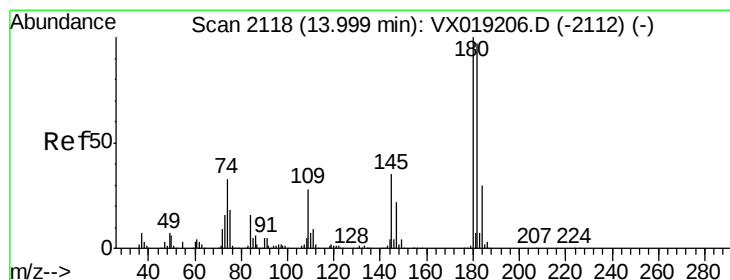
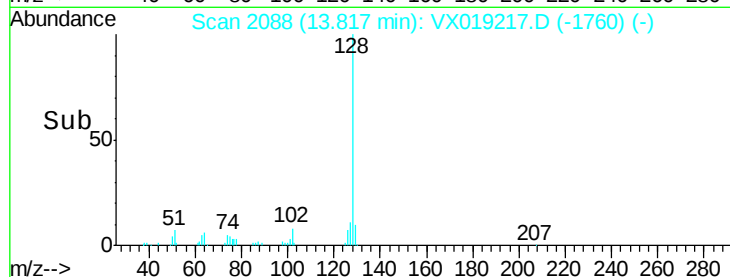
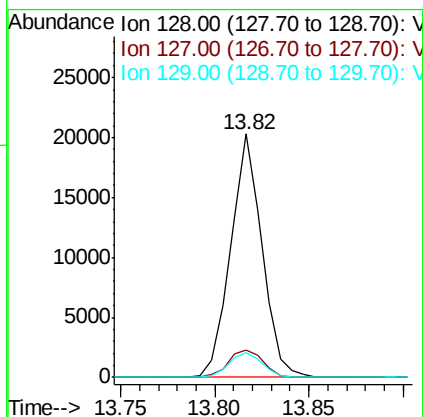
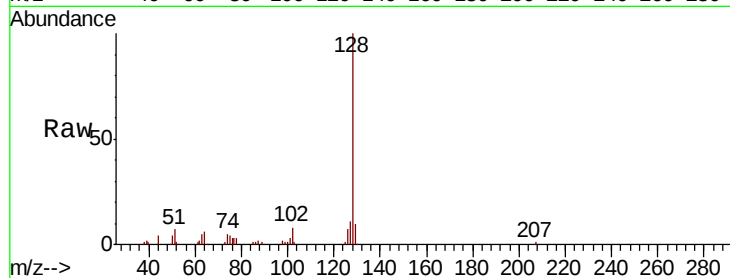




#71
Naphthalene
Concen: 2.134 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019217.D
Acq: 02 Nov 2020 17:26

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 23422
Ion Ratio Lower Upper
128 100
127 12.3 10.1 15.1
129 10.8 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 2.163 ug/L
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX019217.D
Acq: 02 Nov 2020 17:26

Tgt Ion:180 Resp: 7183
Ion Ratio Lower Upper
180 100
182 98.1 75.3 112.9
145 35.9 27.1 40.7

