

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110220\
 Data File : VX019218.D
 Acq On : 02 Nov 2020 17:48
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Nov 03 07:26:49 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	417510	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	390219	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	197327	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	167375	46.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.14%
7) Chloroethane-d5	1.70	69	131891	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.84%
11) 1,1-Dichloroethene-d2	2.35	63	290516	48.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.98%
21) 2-Butanone-d5	4.53	46	205606	112.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.12%
24) Chloroform-d	5.14	84	285518	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
26) 1,2-Dichloroethane-d4	6.03	65	189585	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
32) Benzene-d6	6.05	84	584725	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
36) 1,2-Dichloropropane-d6	7.37	67	175284	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.02%
41) Toluene-d8	8.70	98	548190	44.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.16%
43) trans-1,3-Dichloropropene-	8.99	79	92460	48.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.48%
47) 2-Hexanone-d5	9.43	63	167694	113.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.50%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	235584	55.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.66%
66) 1,2-Dichlorobenzene-d4	12.36	152	195115	49.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	138536	52.351	ug/L 100
3) Chloromethane	1.31	50	139590	51.926	ug/L 99
5) Vinyl chloride	1.39	62	159709	52.706	ug/L 99
6) Bromomethane	1.64	94	107689	53.779	ug/L 99
8) Chloroethane	1.72	64	104173	55.162	ug/L 100
9) Trichlorofluoromethane	1.92	101	240374	53.469	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	137301	52.953	ug/L 100
12) 1,1-Dichloroethene	2.36	96	132693	52.737	ug/L # 81
13) Acetone	2.43	43	127391	112.414	ug/L 99
14) Carbon disulfide	2.56	76	383394	50.491	ug/L 99
15) Methyl Acetate	2.75	43	138475	55.993	ug/L 99
16) Methylene chloride	2.84	84	149588	53.314	ug/L 98
17) trans-1,2-Dichloroethene	3.14	96	142538	52.696	ug/L 98
18) Methyl tert-butyl Ether	3.17	73	465779	54.472	ug/L 100
19) 1,1-Dichloroethane	3.67	63	256201	53.305	ug/L 98
20) cis-1,2-Dichloroethene	4.56	96	156640	52.724	ug/L 96
22) 2-Butanone	4.64	43	205548	114.851	ug/L 99

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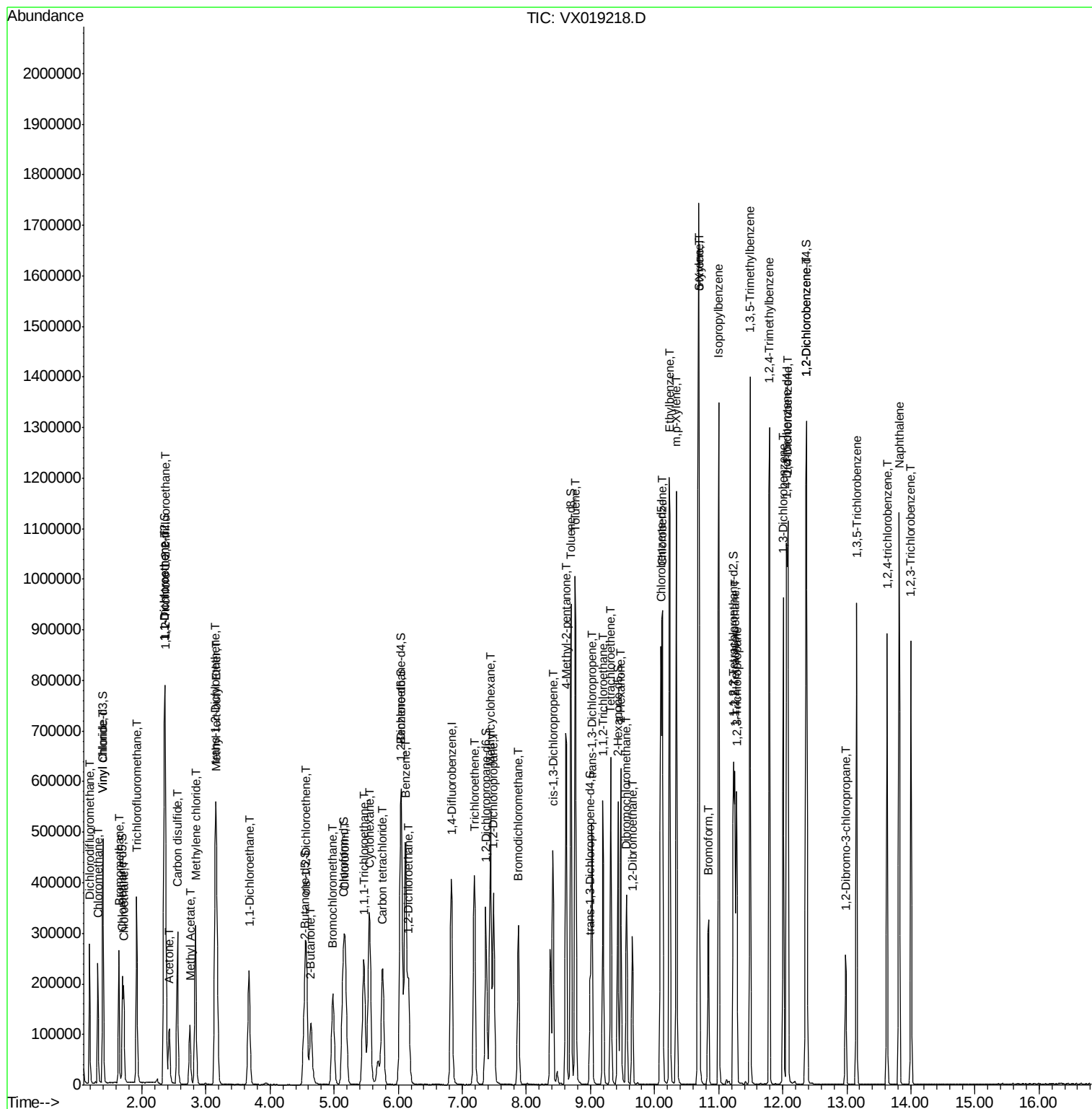
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	79546	53.163	ug/L	95
25) Chloroform	5.17	83	280199	55.539	ug/L	97
27) 1,2-Dichloroethane	6.16	62	215307	54.203	ug/L	99
29) Cyclohexane	5.55	56	237184	52.804	ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	247071	52.523	ug/L	100
31) Carbon tetrachloride	5.76	117	209686	51.883	ug/L	100
33) Benzene	6.11	78	594888	53.097	ug/L	100
34) Trichloroethene	7.19	95	158706	51.904	ug/L	97
35) Methylcyclohexane	7.44	83	253436	52.364	ug/L	100
37) 1,2-Dichloropropane	7.49	63	149061	53.567	ug/L	100
38) Bromodichloromethane	7.87	83	203253	52.521	ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	241855	52.312	ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	394027	115.779	ug/L	100
42) Toluene	8.76	91	649819	53.321	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	241431	53.601	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	147745	54.046	ug/L	99
46) Tetrachloroethene	9.32	164	118105	51.195	ug/L	94
48) 2-Hexanone	9.47	43	310676	115.849	ug/L	100
49) Dibromochloromethane	9.56	129	162518	54.349	ug/L	99
50) 1,2-Dibromoethane	9.65	107	157698	55.157	ug/L	98
51) Chlorobenzene	10.12	112	412635	54.450	ug/L	99
52) Ethylbenzene	10.23	91	719936	54.646	ug/L	99
53) m,p-Xylene	10.34	106	272237	55.005	ug/L	98
54) o-Xylene	10.68	106	265520	55.409	ug/L	99
55) Styrene	10.70	104	458526	56.719	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	224232	59.841	ug/L	98
59) Bromoform	10.84	173	114641	53.633	ug/L	100
60) Isopropylbenzene	11.00	105	707043	52.795	ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	189821	56.474	ug/L	100
62) 1,3,5-Trimethylbenzene	11.49	105	598347	54.309	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	571344	54.827	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	311066	53.799	ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	312055	53.190	ug/L	96
67) 1,2-Dichlorobenzene	12.37	146	300852	53.739	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.98	75	50883	55.587	ug/L	97
69) 1,3,5-Trichlorobenzene	13.15	180	220073	54.348	ug/L	96
70) 1,2,4-trichlorobenzene	13.63	180	201124	53.890	ug/L	100
71) Naphthalene	13.82	128	661585	54.823	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	195386	53.501	ug/L	99

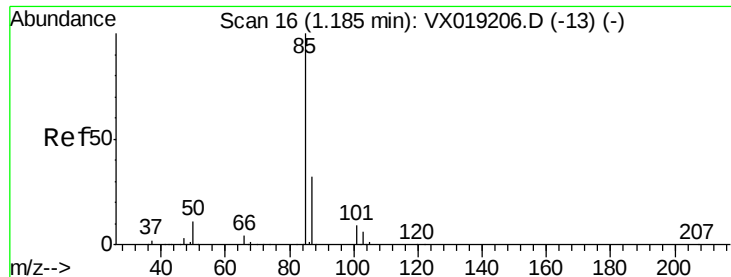
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 52.351 ug/L

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Instrument :

MSVOA_X

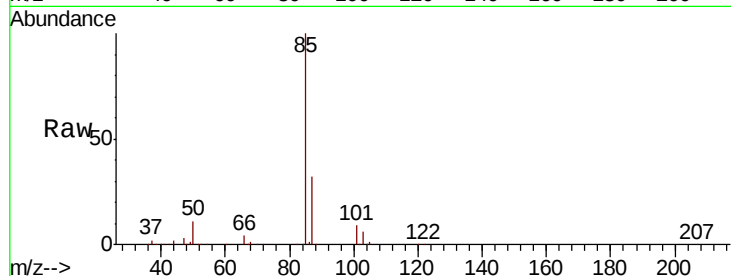
ClientSampleId :

Tot Ion: 85 Resp: 138536

Ion Ratio Lower Upper

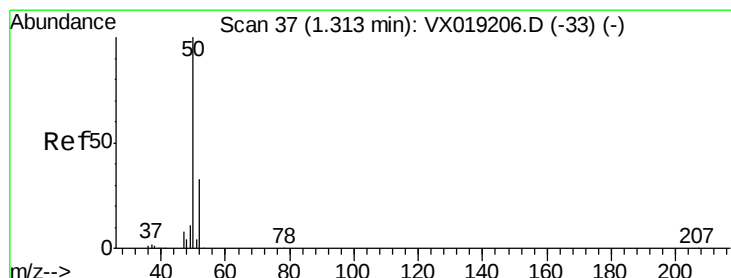
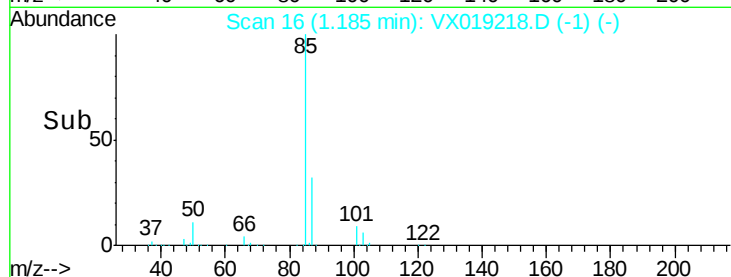
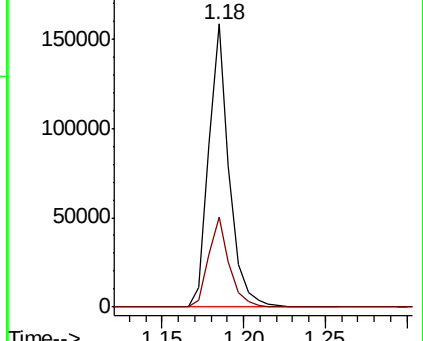
85 100

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: 51.926 ug/L

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019218.D

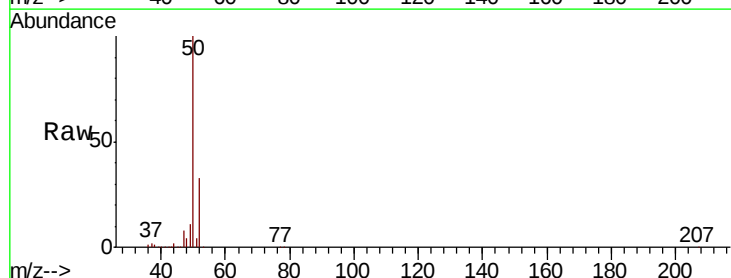
Acq: 02 Nov 2020 17:48

Tgt Ion: 50 Resp: 139590

Ion Ratio Lower Upper

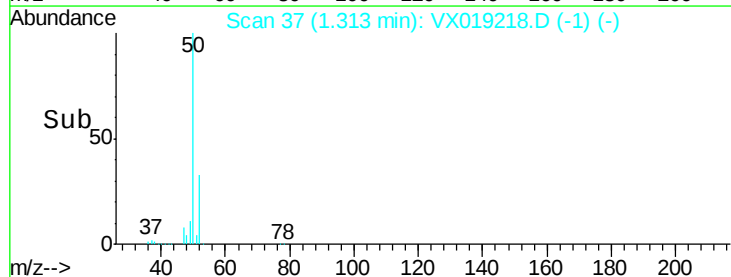
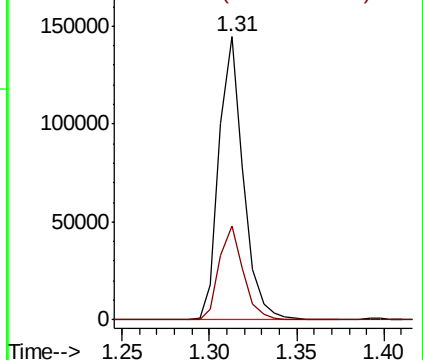
50 100

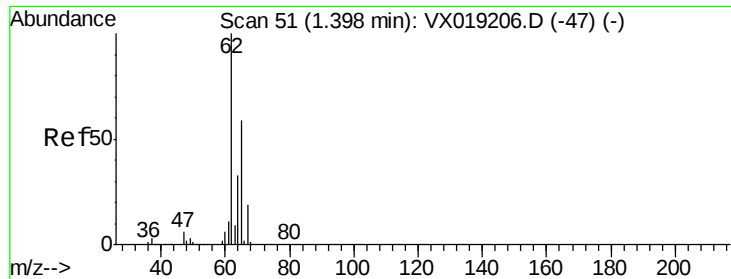
52 33.2 22.8 42.4



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0





#5

Vinyl chloride

Concen: 52.706 ug/L

RT: 1.39 min Scan# 50

Delta R.T. -0.01 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Instrument :

MSVOA_X

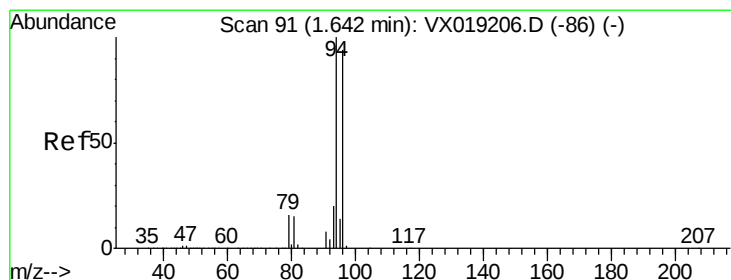
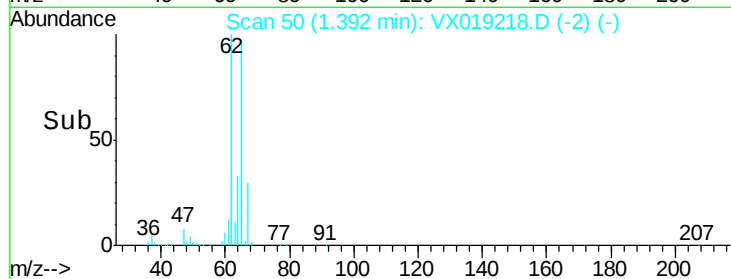
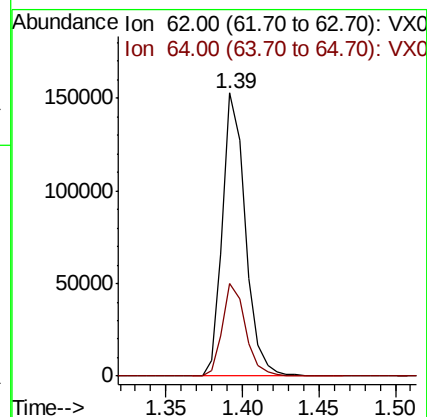
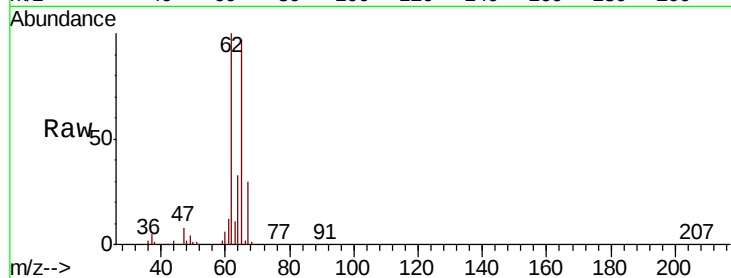
ClientSampleId :

Tot Ion: 62 Resp: 159709

Ion Ratio Lower Upper

62 100

64 33.0 23.4 43.6



#6

Bromomethane

Concen: 53.779 ug/L

RT: 1.64 min Scan# 91

Delta R.T. -0.00 min

Lab File: VX019218.D

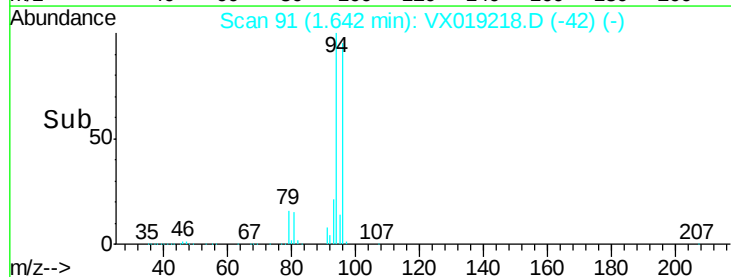
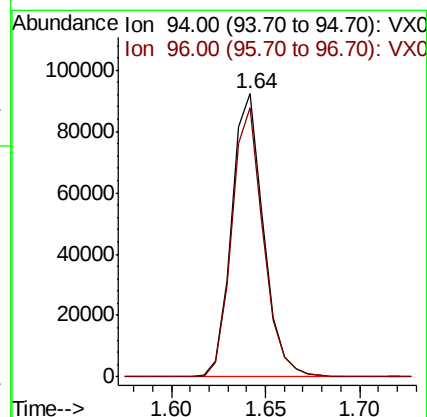
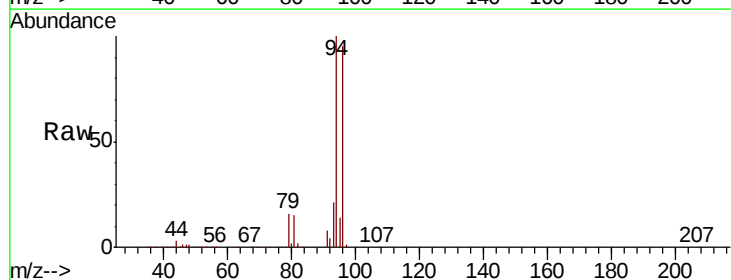
Acq: 02 Nov 2020 17:48

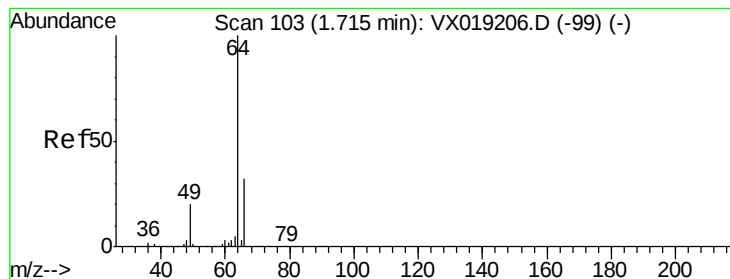
Tgt Ion: 94 Resp: 107689

Ion Ratio Lower Upper

94 100

96 95.1 66.0 122.6





#8

Chloroethane

Concen: 55.162 ug/L

RT: 1.72 min Scan# 103

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Instrument :

MSVOA_X

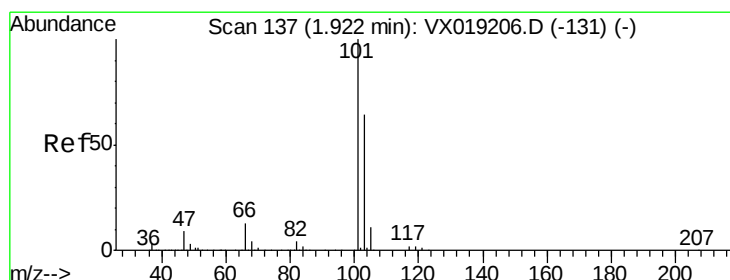
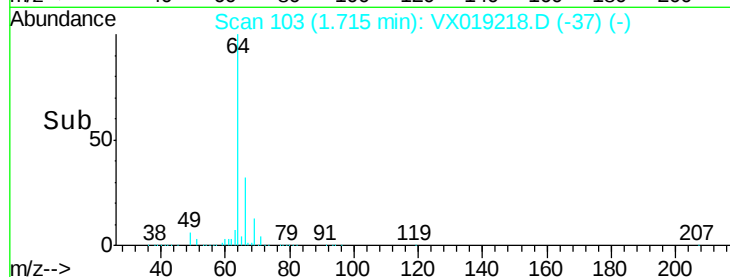
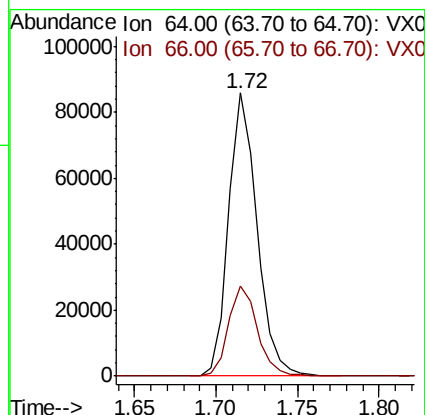
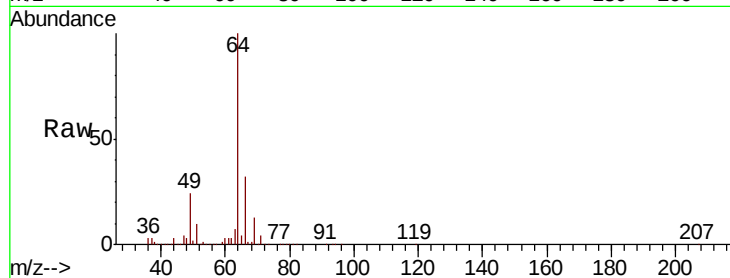
ClientSampleId :

Tot Ion: 64 Resp: 104173

Ion Ratio Lower Upper

64 100

66 32.1 22.5 41.9



#9

Trichlorofluoromethane

Concen: 53.469 ug/L

RT: 1.92 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX019218.D

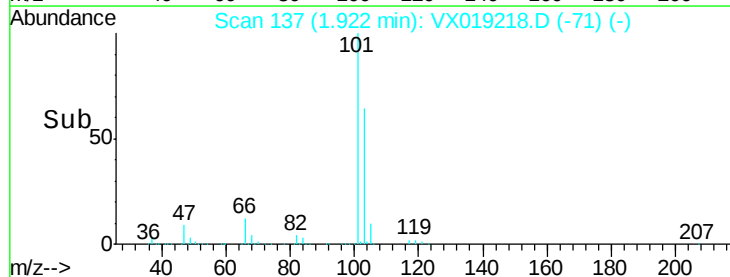
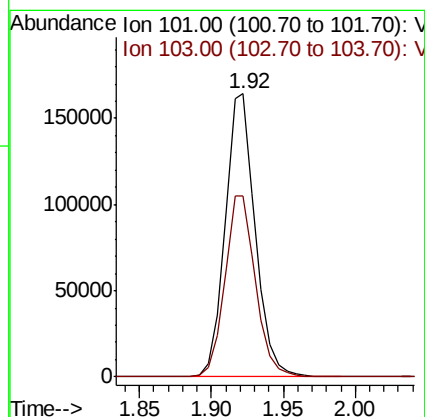
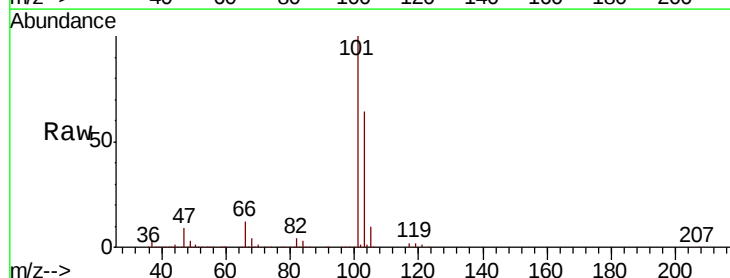
Acq: 02 Nov 2020 17:48

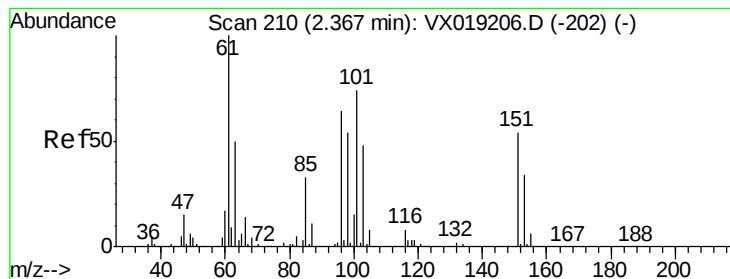
Tgt Ion: 101 Resp: 240374

Ion Ratio Lower Upper

101 100

103 65.2 51.3 76.9





#10

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

Concen: 52.953 ug/L

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

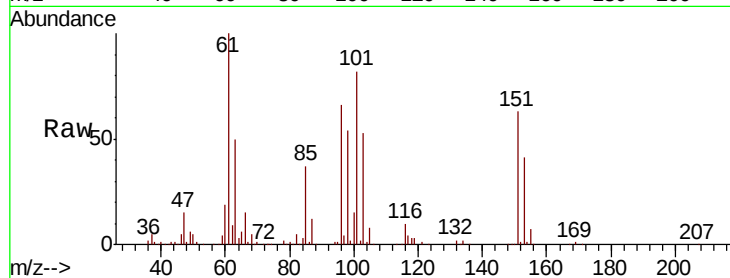
Tot Ion:101 Resp: 137301

Ion Ratio Lower Upper

101 100

85 44.1 35.0 52.4

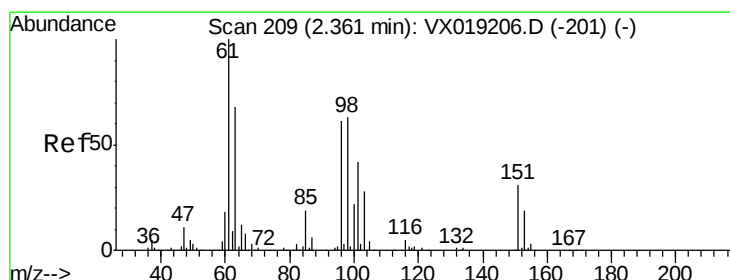
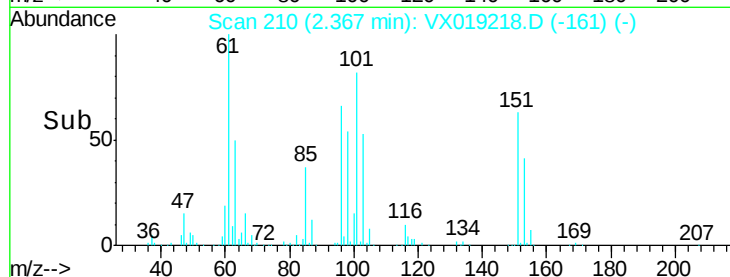
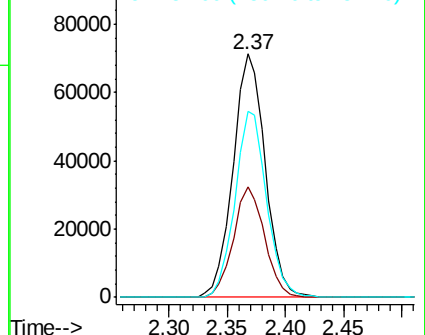
151 75.1 59.9 89.9



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: 52.737 ug/L

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

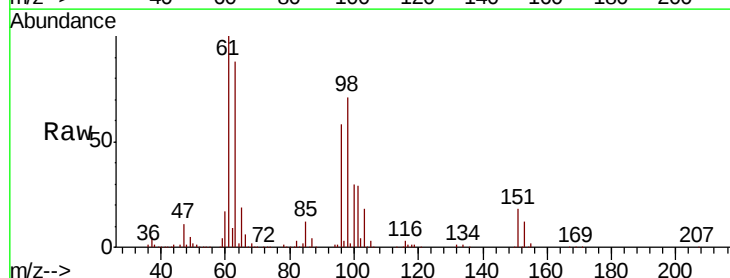
Tgt Ion: 96 Resp: 132693

Ion Ratio Lower Upper

96 100

61 172.7 115.1 213.8

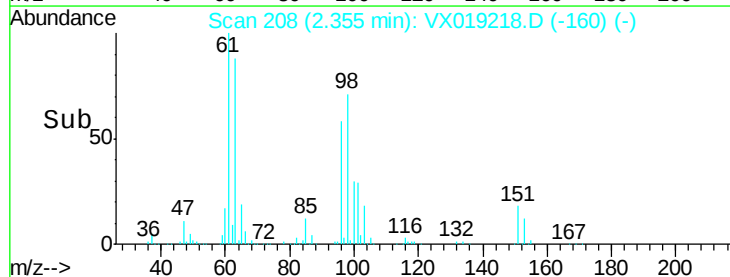
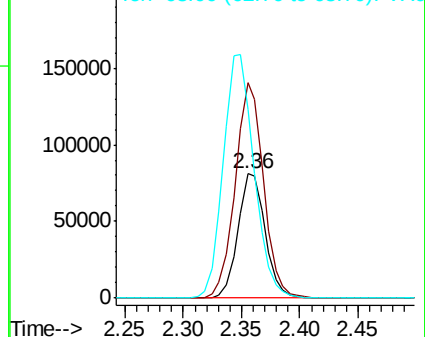
63 151.2 78.3 145.5#

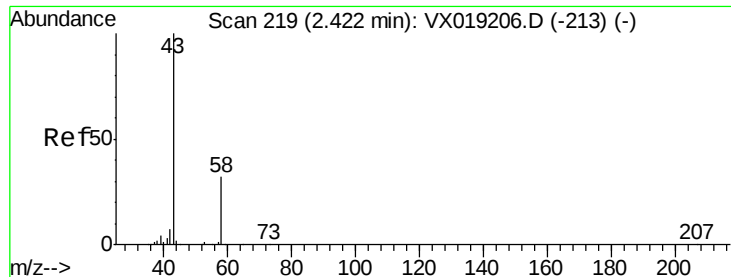


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 63.00 (62.70 to 63.70): VX0





#13

Acetone

Concen: 112.414 ug/L

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Instrument :

MSVOA_X

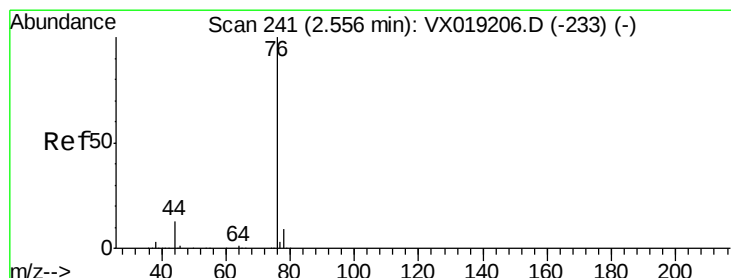
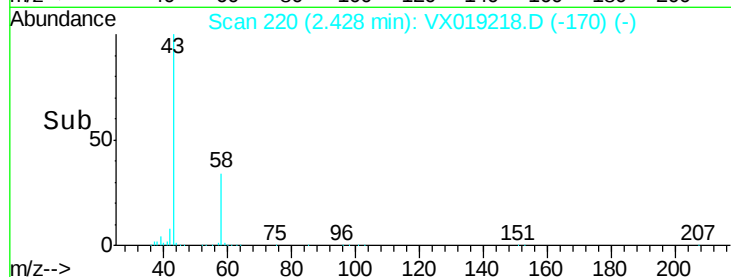
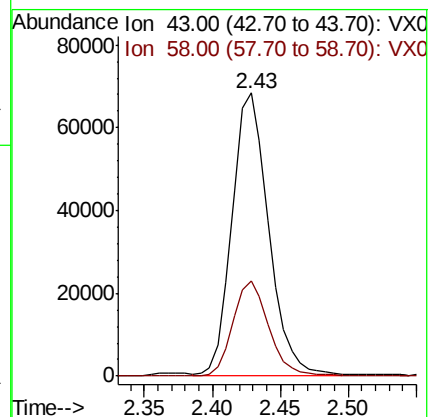
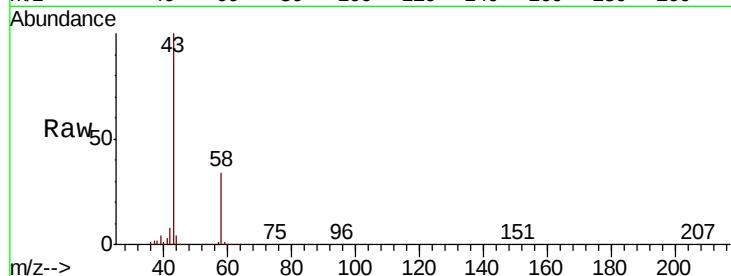
ClientSampleId :

Tot Ion: 43 Resp: 127391

Ion Ratio Lower Upper

43 100

58 32.9 0.0 64.6



#14

Carbon disulfide

Concen: 50.491 ug/L

RT: 2.56 min Scan# 241

Delta R.T. -0.00 min

Lab File: VX019218.D

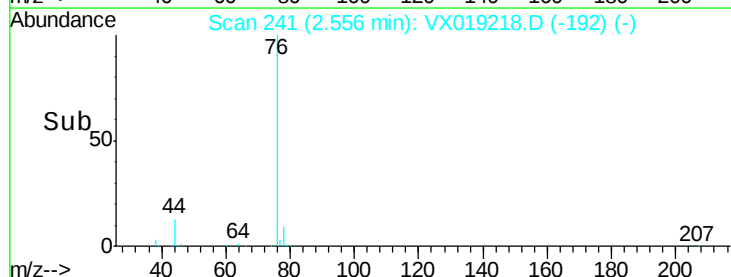
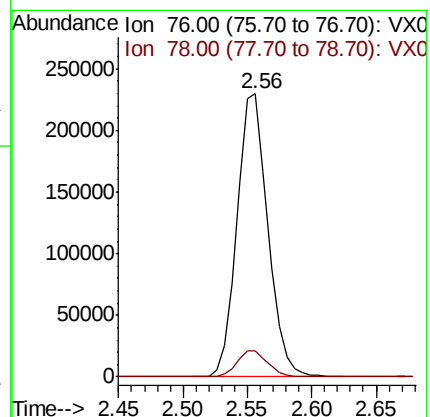
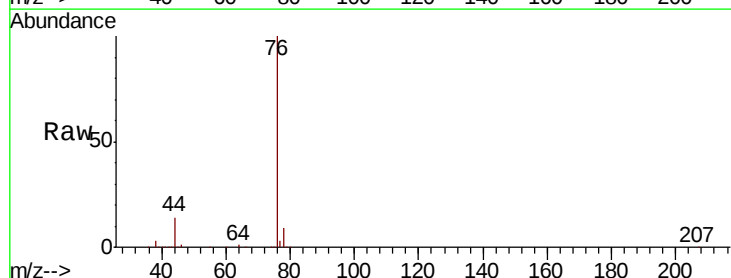
Acq: 02 Nov 2020 17:48

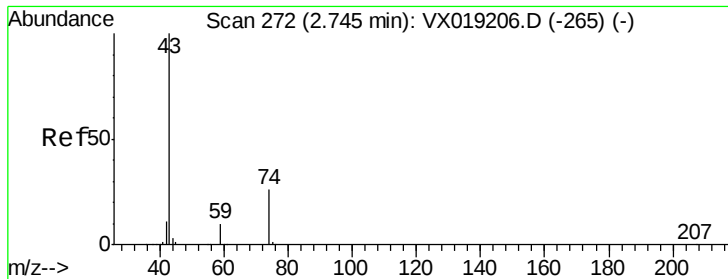
Tgt Ion: 76 Resp: 383394

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

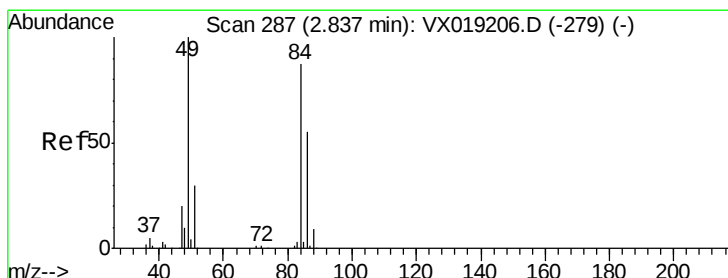
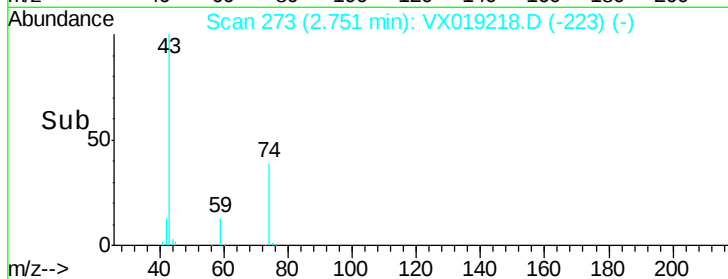
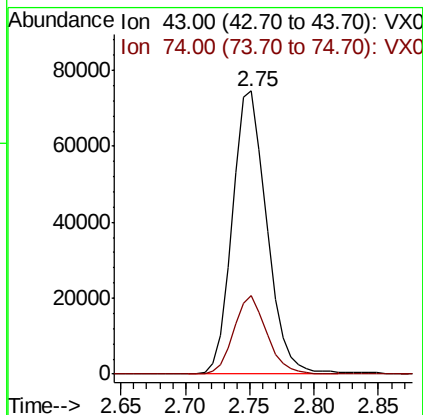
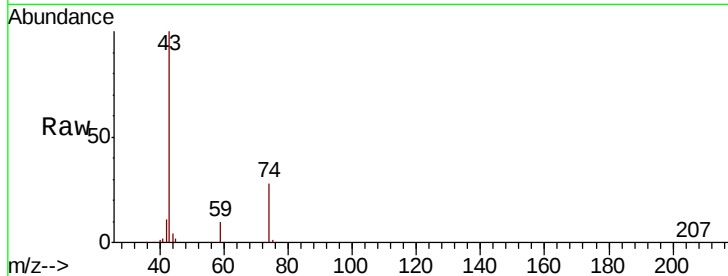




#15
Methyl Acetate
Concen: 55.993 ug/L
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019218.D
Acq: 02 Nov 2020 17:48

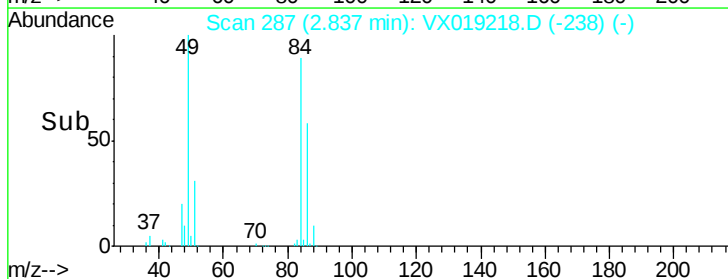
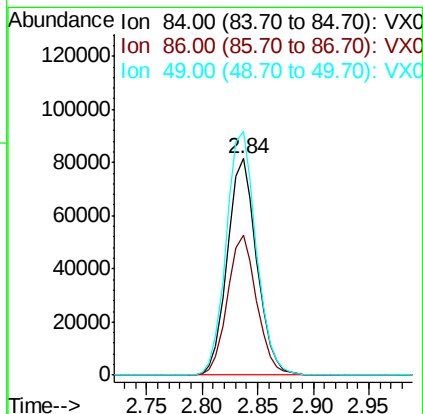
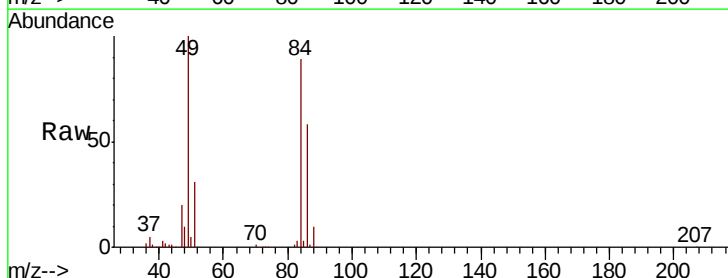
Instrument :
MSVOA_X
ClientSampled :

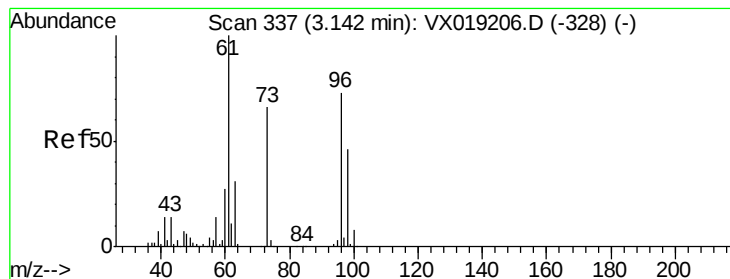
Tot Ion: 43 Resp: 138475
Ion Ratio Lower Upper
43 100
74 26.7 21.8 32.8



#16
Methylene chloride
Concen: 53.314 ug/L
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019218.D
Acq: 02 Nov 2020 17:48

Tgt Ion: 84 Resp: 149588
Ion Ratio Lower Upper
84 100
86 64.9 44.0 81.6
49 112.6 80.6 149.6





#17

trans-1,2-Dichloroethene

Concen: 52.696 ug/L

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Instrument :

MSVOA_X

ClientSampled :

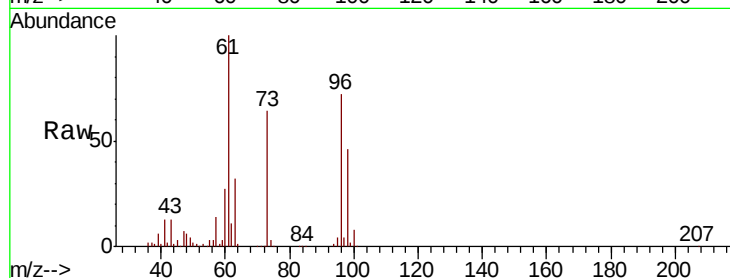
Tot Ion: 96 Resp: 142538

Ion Ratio Lower Upper

96 100

61 139.3 95.7 177.7

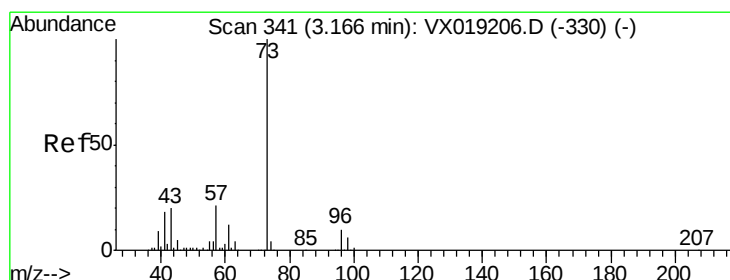
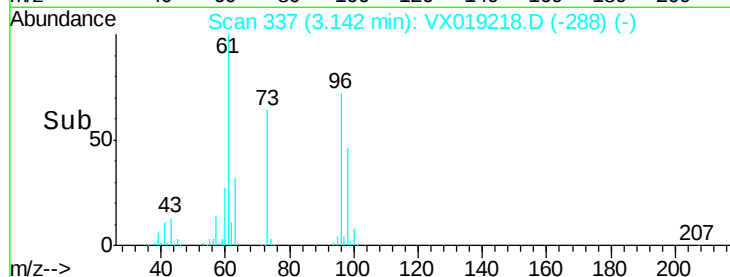
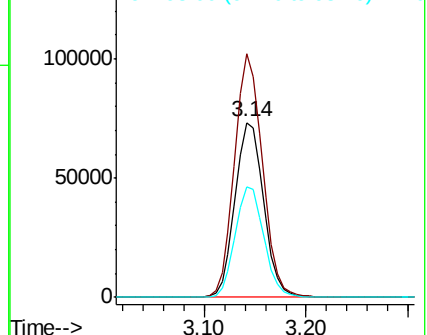
98 63.5 44.2 82.0



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: 54.472 ug/L

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

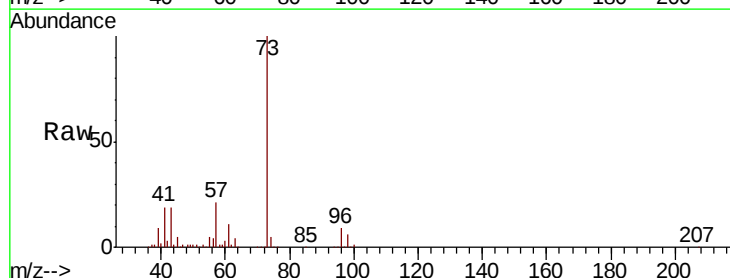
Tgt Ion: 73 Resp: 465779

Ion Ratio Lower Upper

73 100

43 19.5 15.8 23.6

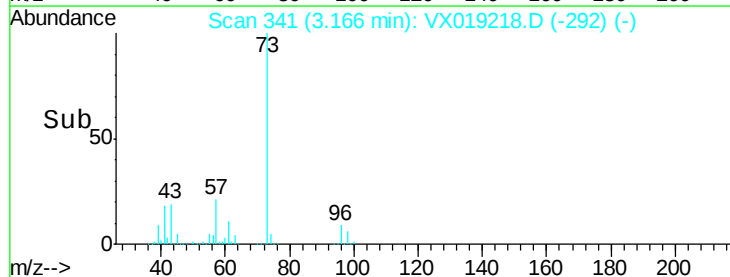
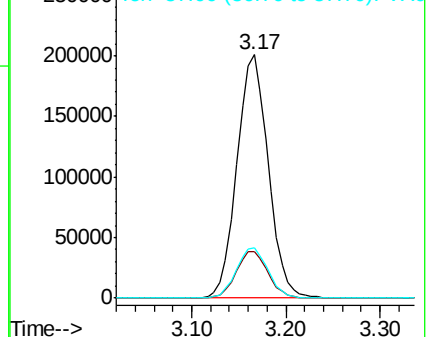
57 21.0 17.0 25.4

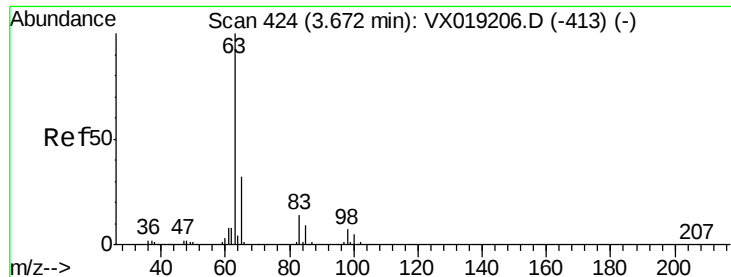


Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#19

1,1-Dichloroethane

Concen: 53.305 ug/L

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Instrument :

MSVOA_X

ClientSampled :

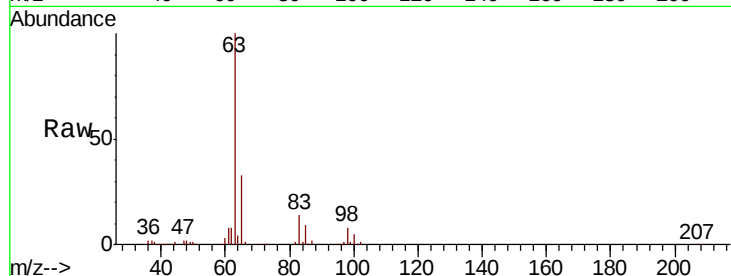
Tot Ion: 63 Resp: 256201

Ion Ratio Lower Upper

63 100

65 33.2 22.3 41.3

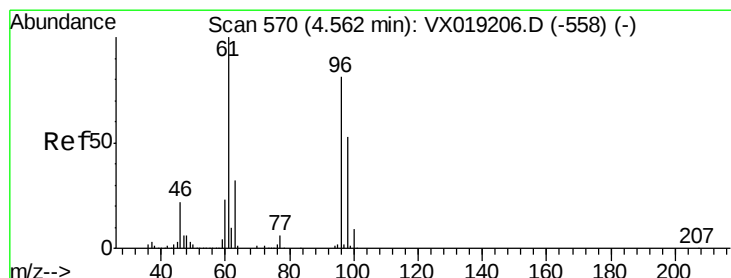
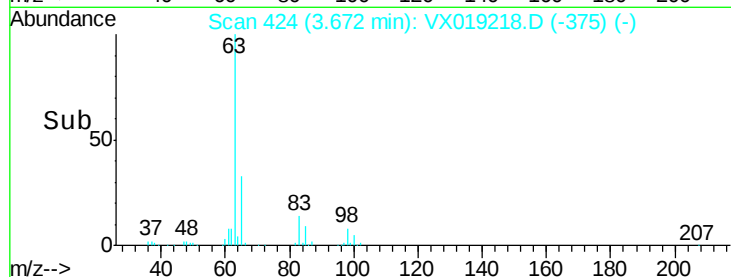
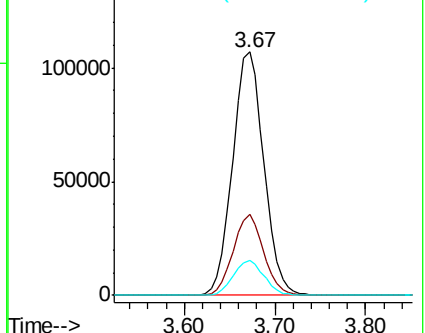
83 14.2 9.7 18.1



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: 52.724 ug/L

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

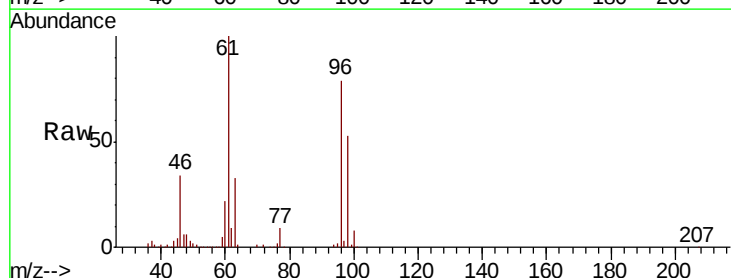
Tgt Ion: 96 Resp: 156640

Ion Ratio Lower Upper

96 100

61 127.3 86.1 159.9

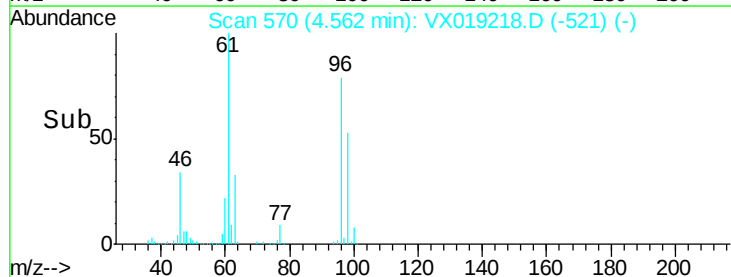
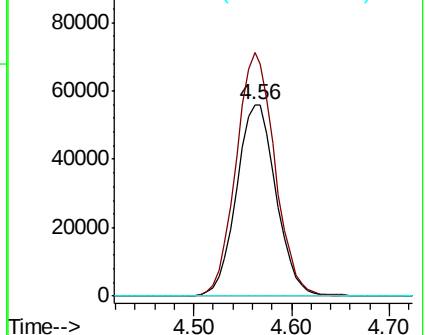
68 0.0 0.0 0.0

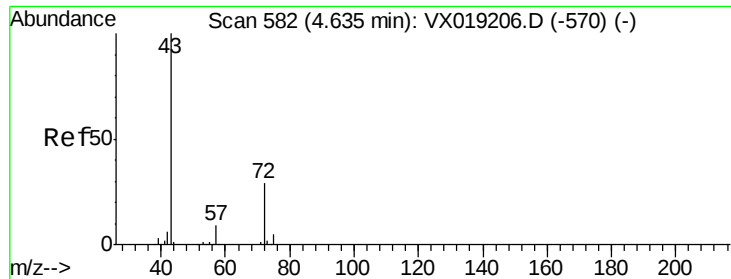


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 68.00 (67.70 to 68.70): VX0





#22

2-Butanone

Concen: 114.851 ug/L

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

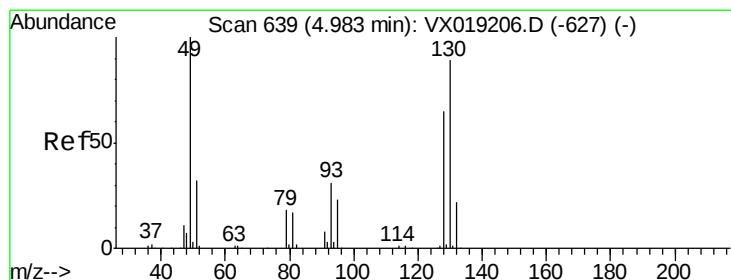
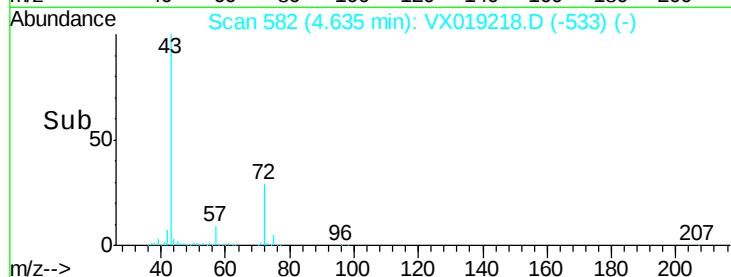
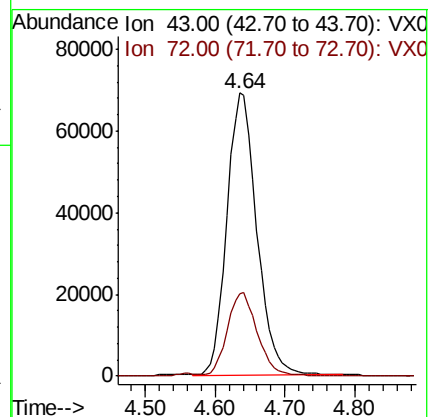
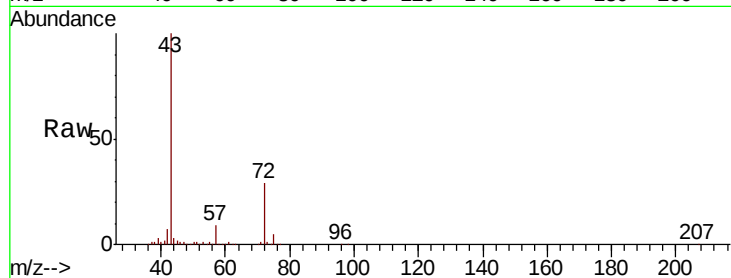
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 205548

Ion Ratio Lower Upper

43 100

72 29.5 15.0 45.0



#23

Bromochloromethane

Concen: 53.163 ug/L

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Tgt Ion:128 Resp: 79546

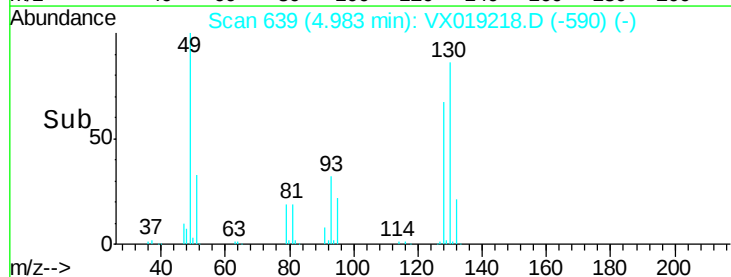
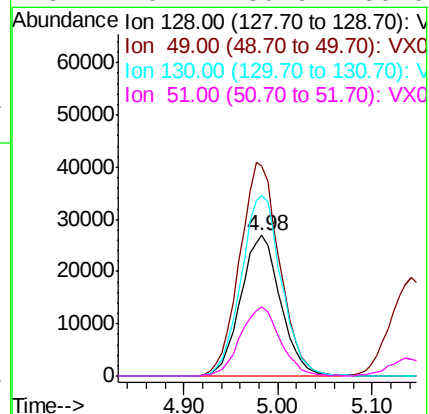
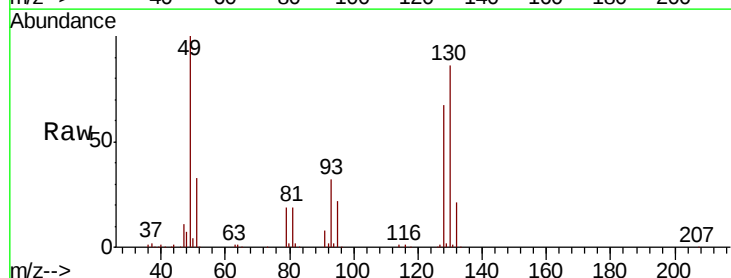
Ion Ratio Lower Upper

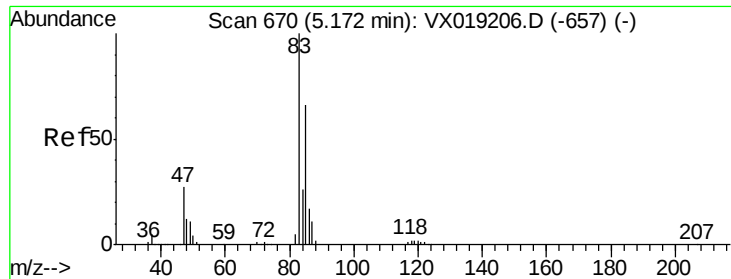
128 100

49 149.3 108.4 201.4

130 128.3 96.7 179.7

51 49.4 39.9 59.9





#25

Chloroform

Concen: 55.539 ug/L

RT: 5.17 min Scan# 670

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Instrument :

MSVOA_X

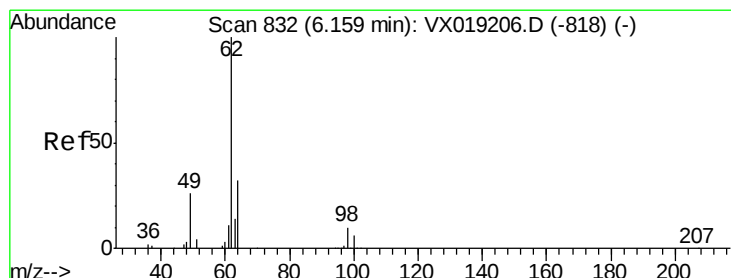
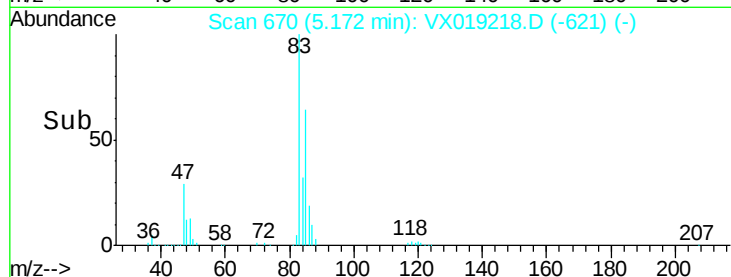
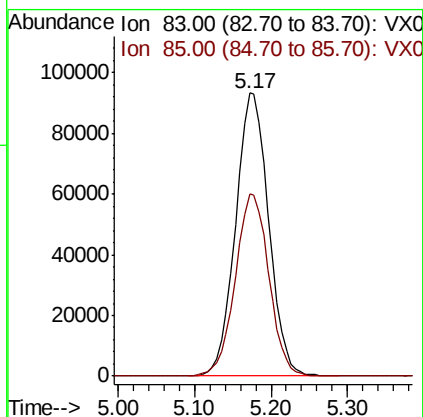
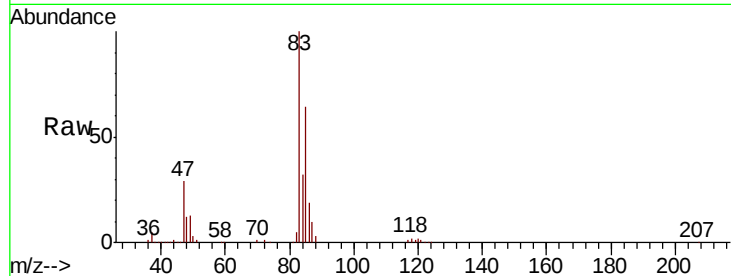
ClientSampleId :

Tot Ion: 83 Resp: 280199

Ion Ratio Lower Upper

83 100

85 64.3 46.5 86.3



#27

1,2-Dichloroethane

Concen: 54.203 ug/L

RT: 6.16 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX019218.D

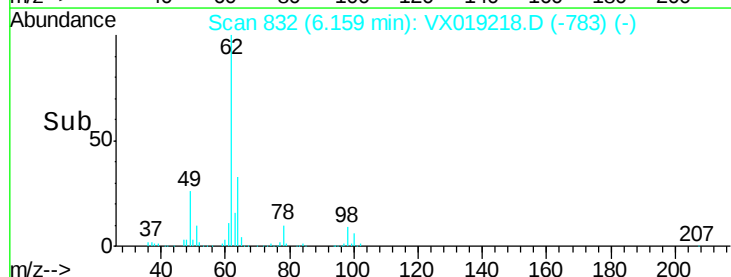
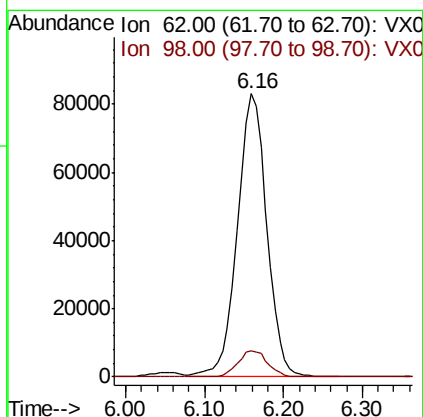
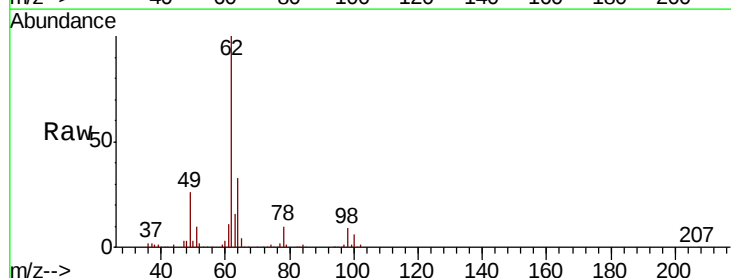
Acq: 02 Nov 2020 17:48

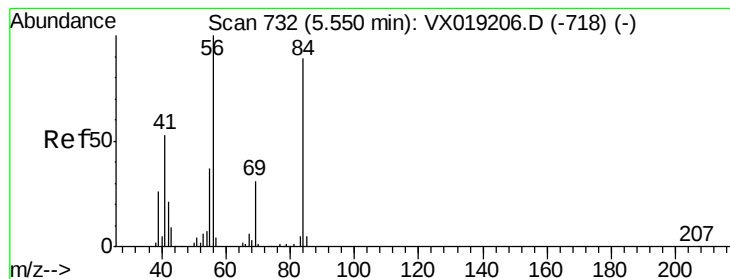
Tgt Ion: 62 Resp: 215307

Ion Ratio Lower Upper

62 100

98 9.3 7.6 11.4





#29

Cyclohexane

Concen: 52.804 ug/L

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Instrument :

MSVOA_X

ClientSampled :

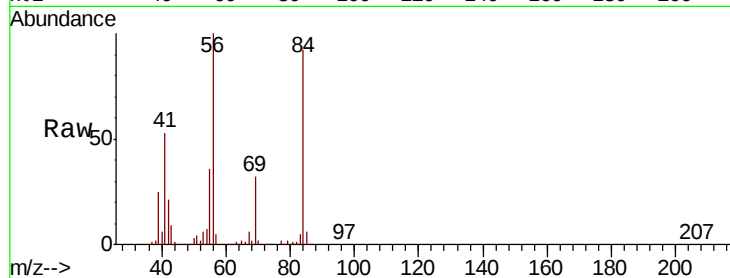
Tot Ion: 56 Resp: 237184

Ion Ratio Lower Upper

56 100

69 31.8 25.2 37.8

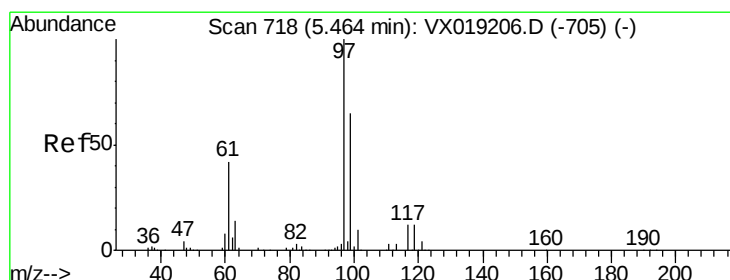
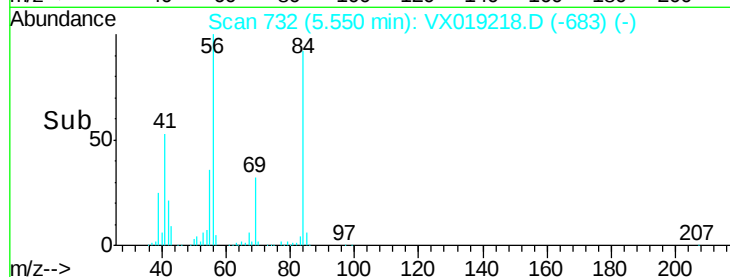
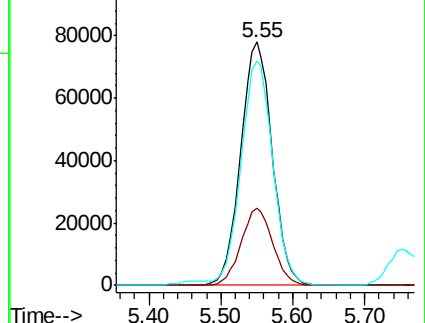
84 92.9 73.6 110.4



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: 52.523 ug/L

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

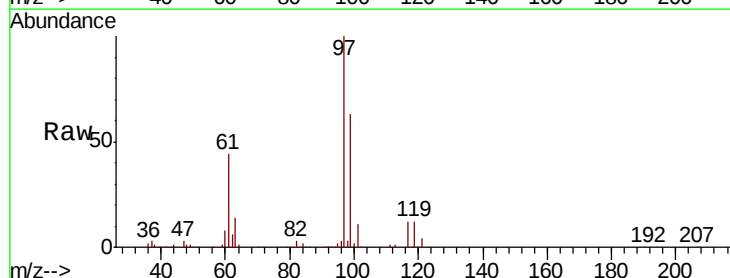
Tgt Ion: 97 Resp: 247071

Ion Ratio Lower Upper

97 100

99 64.3 51.0 76.6

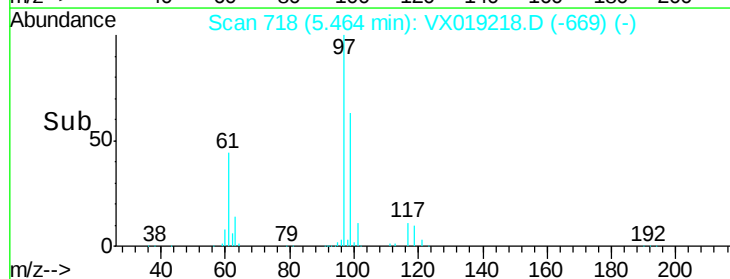
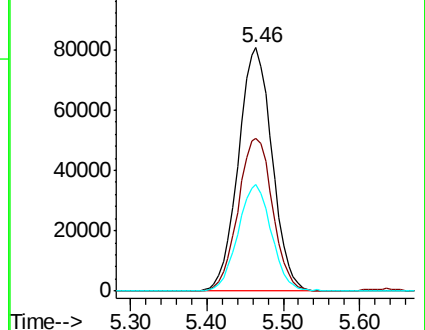
61 43.6 34.8 52.2

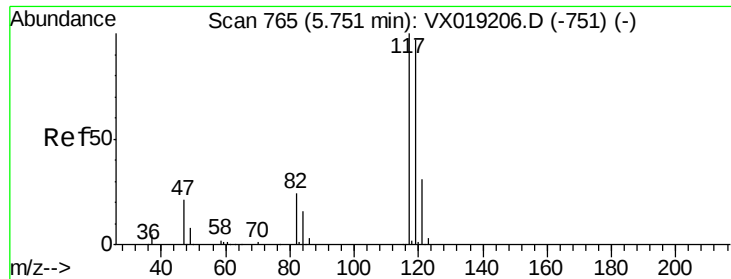


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.05 (60.75 to 61.75): VX0



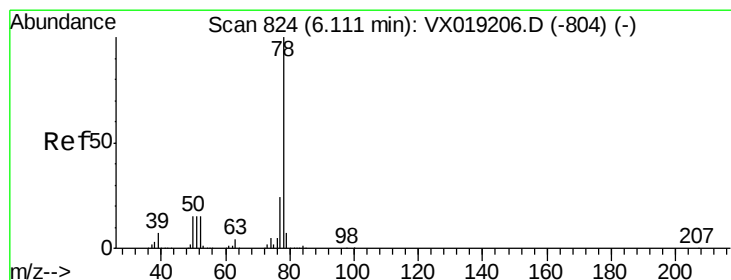
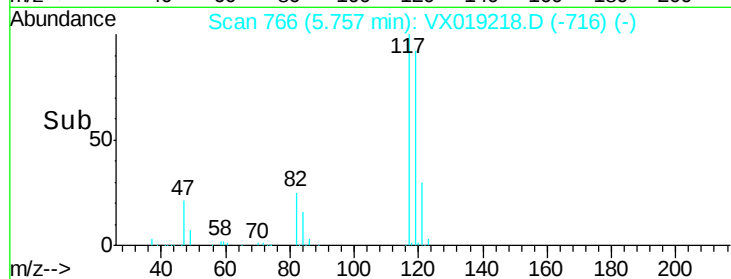
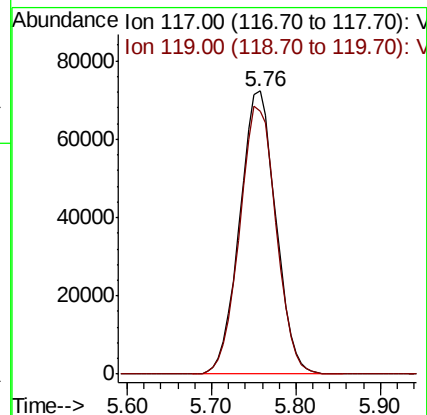
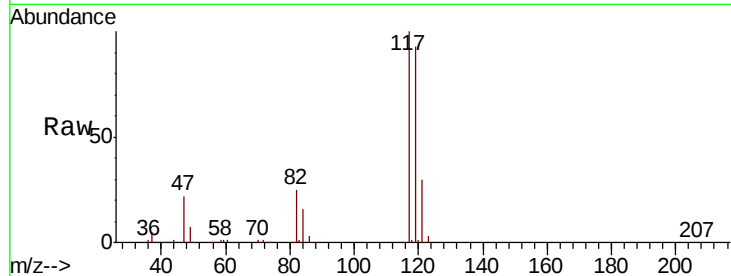


#31

Carbon tetrachloride
Concen: 51.883 ug/L
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX019218.D
Acq: 02 Nov 2020 17:48

Instrument :
MSVOA_X
ClientSampleId :

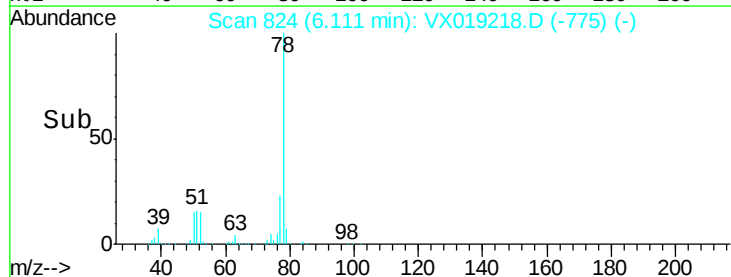
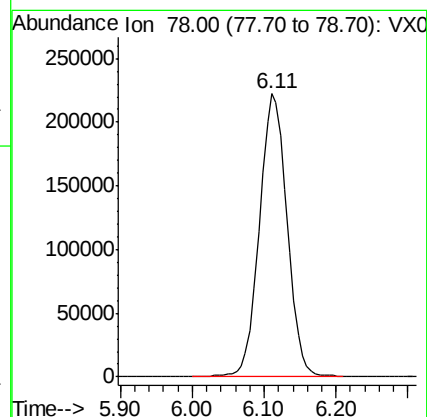
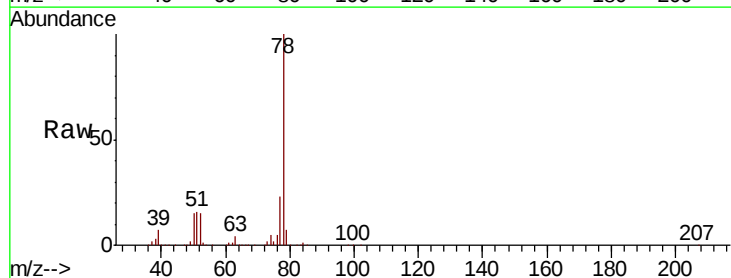
Tot Ion:117 Resp: 209686
Ion Ratio Lower Upper
117 100
119 95.7 76.9 115.3

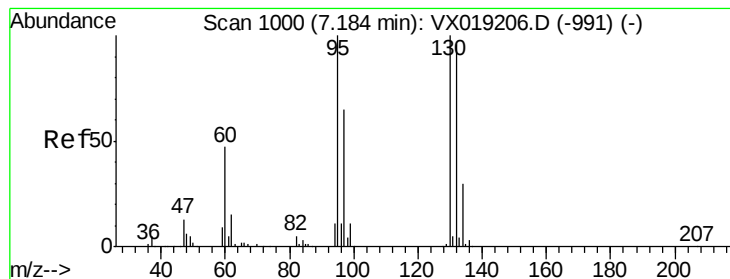


#33

Benzene
Concen: 53.097 ug/L
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX019218.D
Acq: 02 Nov 2020 17:48

Tgt Ion: 78 Resp: 594888





#34

Trichloroethene

Concen: 51.904 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 95 Resp: 158706

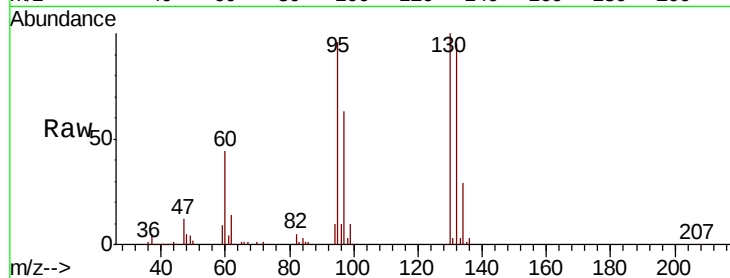
Ion Ratio Lower Upper

95 100

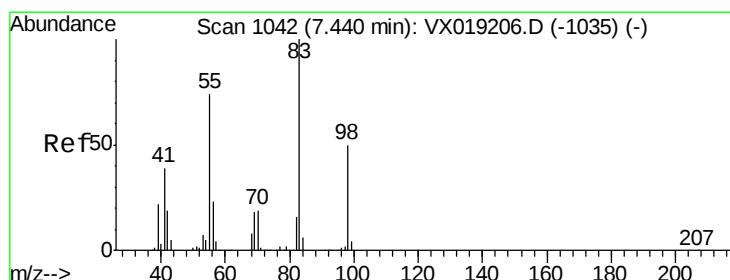
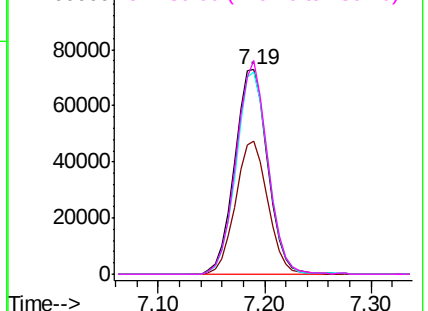
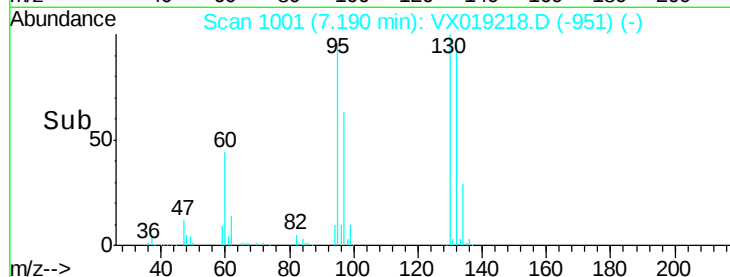
97 65.4 45.1 83.9

132 99.0 67.3 124.9

130 104.5 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

Methylcyclohexane

Concen: 52.364 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

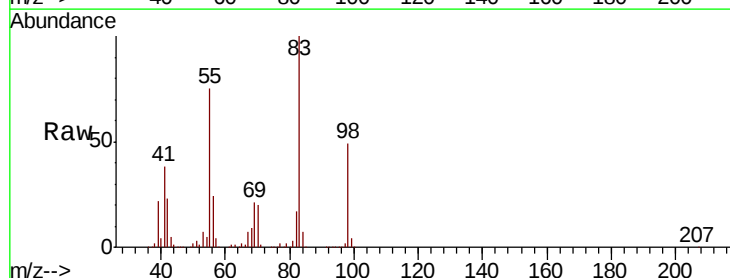
Tgt Ion: 83 Resp: 253436

Ion Ratio Lower Upper

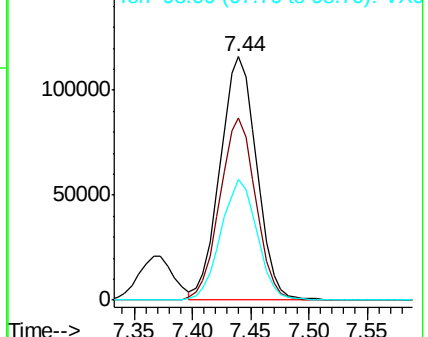
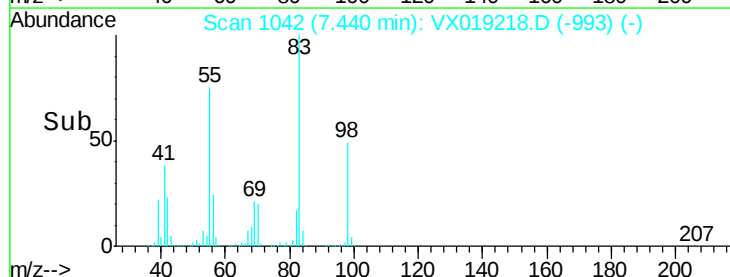
83 100

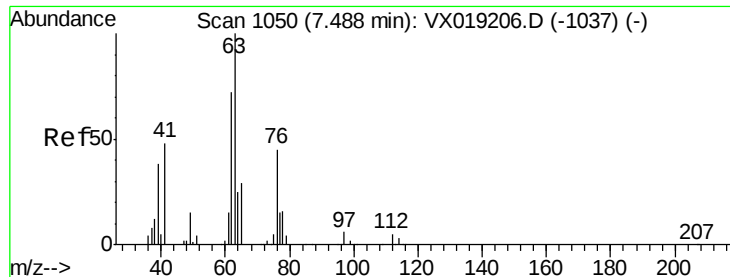
55 73.2 58.6 87.8

98 49.0 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: 53.567 ug/L

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Instrument :

MSVOA_X

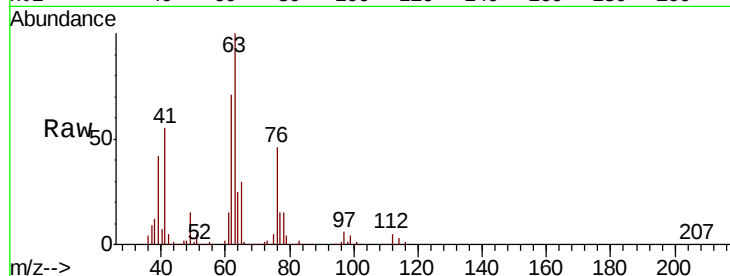
ClientSampleId :

Tot Ion: 63 Resp: 149061

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 112.00 (111.70 to 112.70): V

7.49

80000

60000

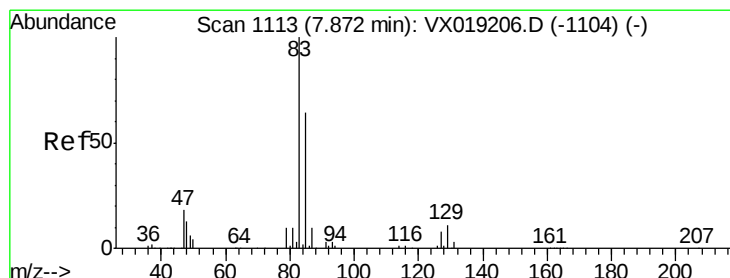
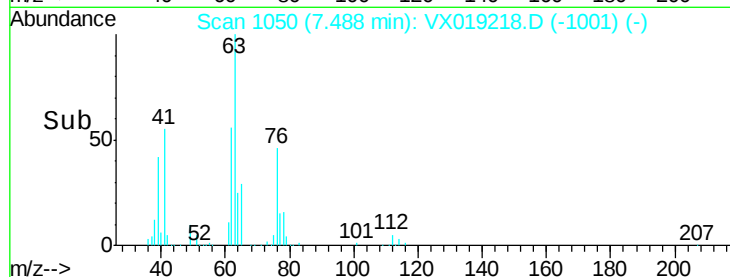
40000

20000

0

7.40 7.50 7.60

Time-->



#38

Bromodichloromethane

Concen: 52.521 ug/L

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

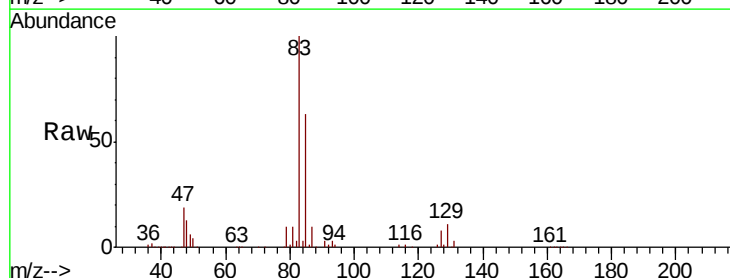
Tgt Ion: 83 Resp: 203253

Ion Ratio Lower Upper

83 100

85 62.6 44.6 82.8

127 8.3 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): V

150000

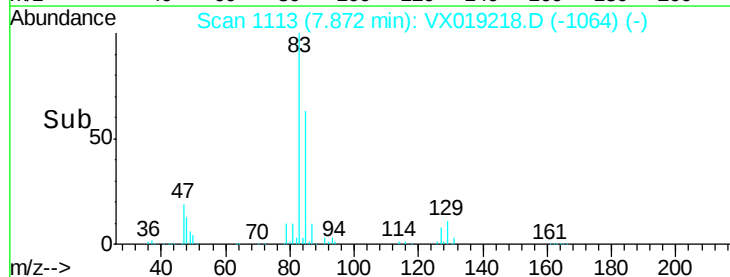
100000

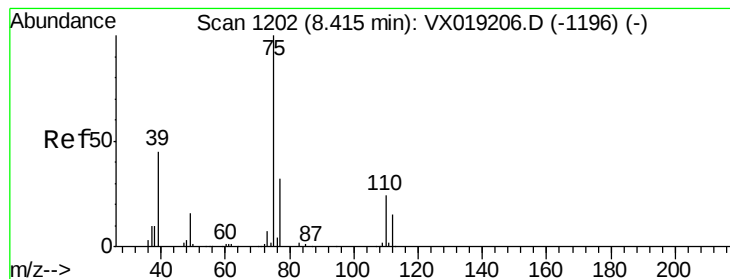
50000

0

7.80 7.85 7.90 7.95

Time-->



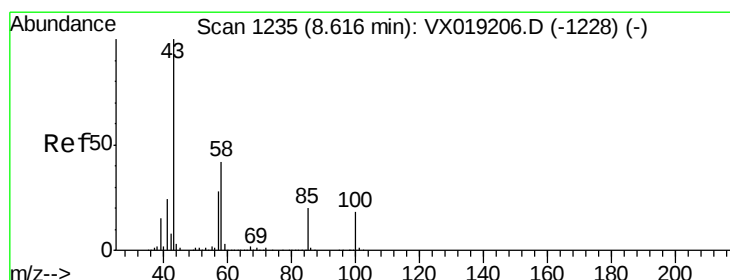
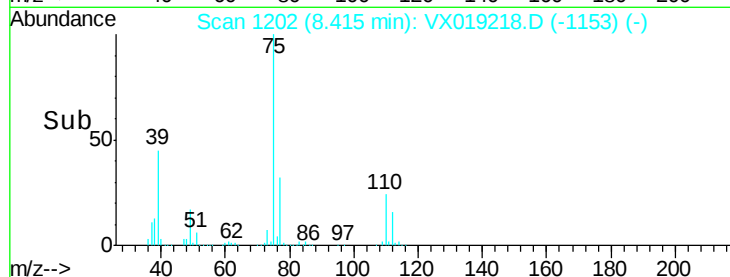
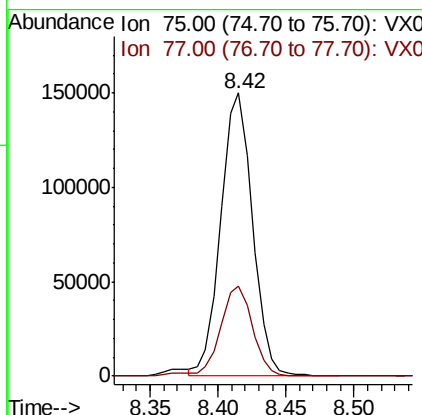
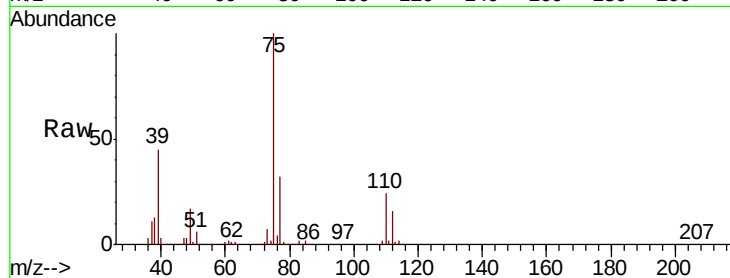


#39

cis-1,3-Dichloropropene
 Concen: 52.312 ug/L
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX019218.D
 Acq: 02 Nov 2020 17:48

Instrument :
 MSVOA_X
 ClientSampleId :

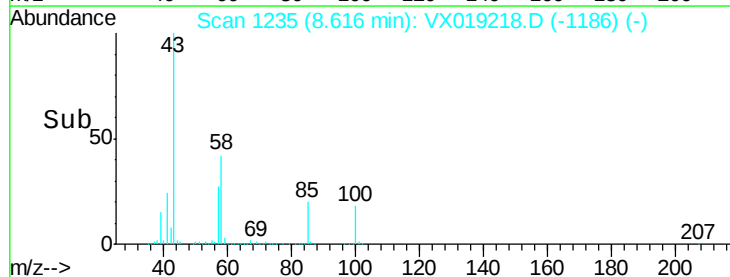
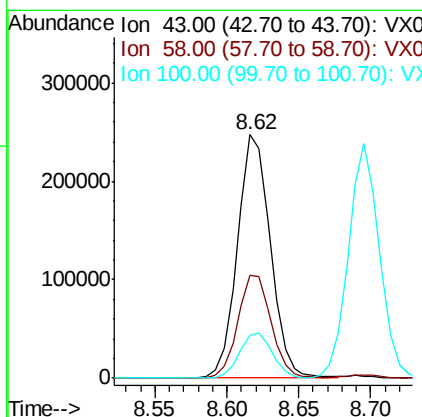
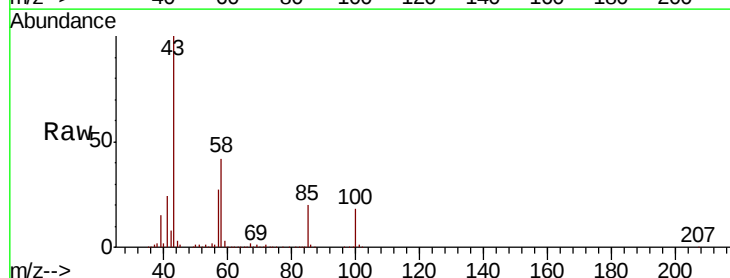
Tot Ion: 75 Resp: 241855
 Ion Ratio Lower Upper
 75 100
 77 31.9 22.5 41.7

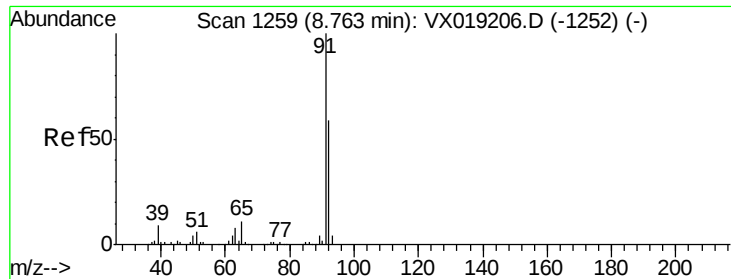


#40

4-Methyl-2-pentanone
 Concen: 115.779 ug/L
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX019218.D
 Acq: 02 Nov 2020 17:48

Tgt Ion: 43 Resp: 394027
 Ion Ratio Lower Upper
 43 100
 58 42.6 34.1 51.1
 100 18.6 14.8 22.2





#42

Toluene

Concen: 53.321 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Instrument :

MSVOA_X

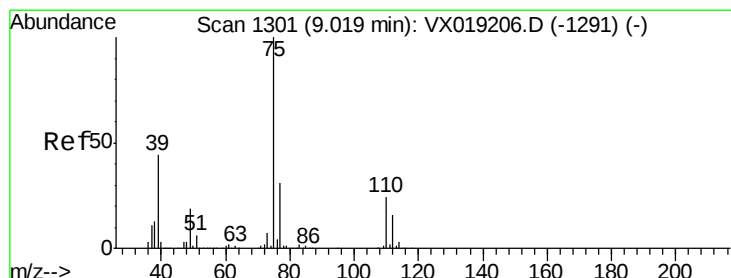
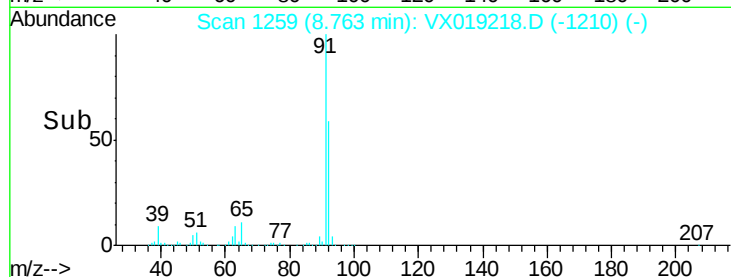
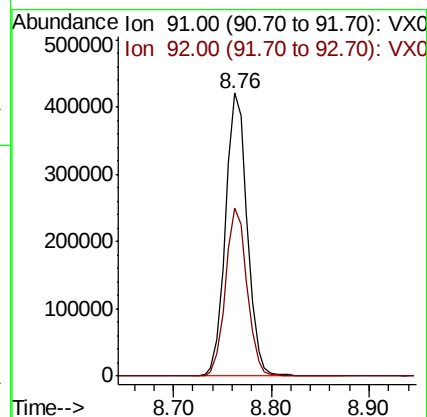
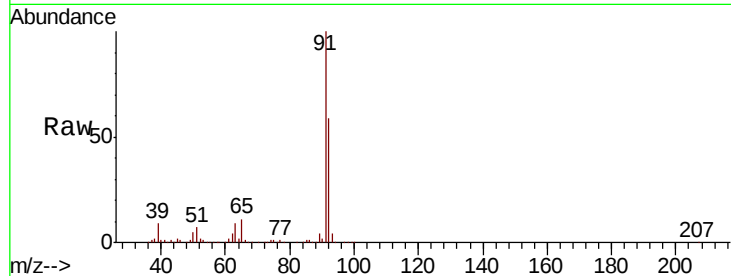
ClientSampleId :

Tot Ion: 91 Resp: 649819

Ion Ratio Lower Upper

91 100

92 59.3 41.2 76.6



#44

trans-1,3-Dichloropropene

Concen: 53.601 ug/L

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019218.D

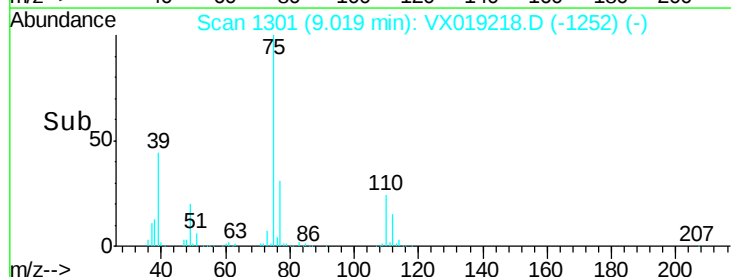
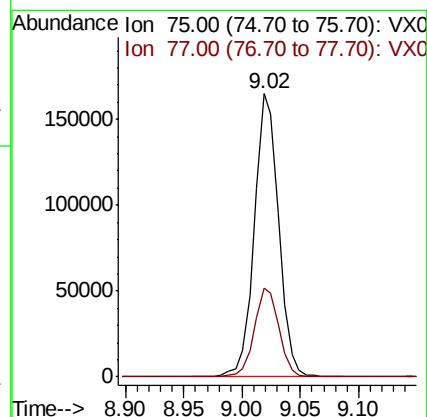
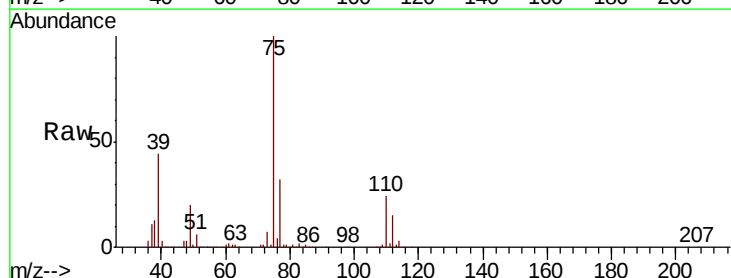
Acq: 02 Nov 2020 17:48

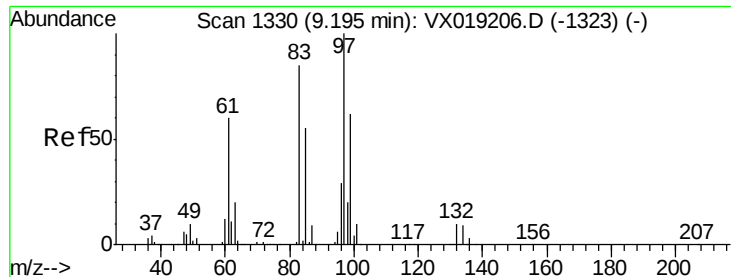
Tgt Ion: 75 Resp: 241431

Ion Ratio Lower Upper

75 100

77 31.5 21.8 40.6

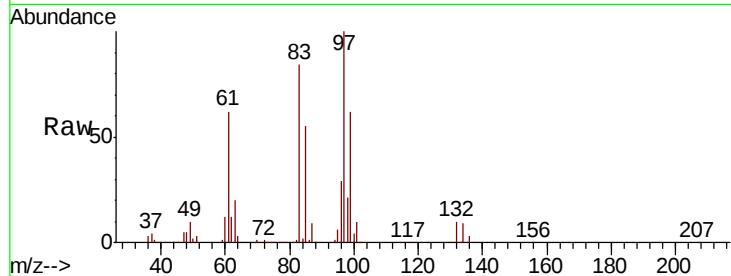




#45
 1,1,2-Trichloroethane
 Concen: 54.046 ug/L
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019218.D
 Acq: 02 Nov 2020 17:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	147745
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.3	80.3
83	83.9	59.4	110.4
85	55.1	38.7	71.9



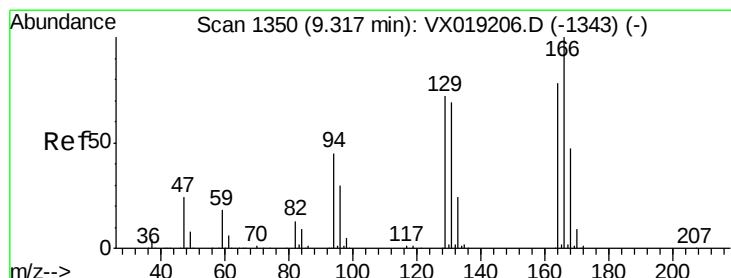
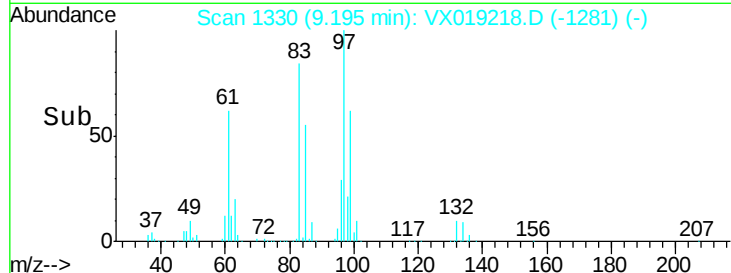
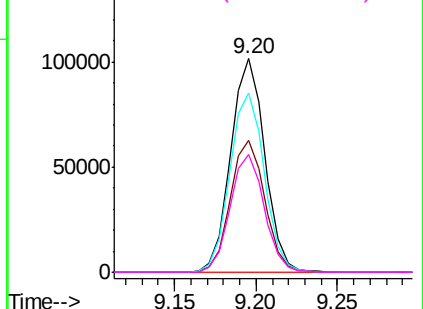
Abundance

Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

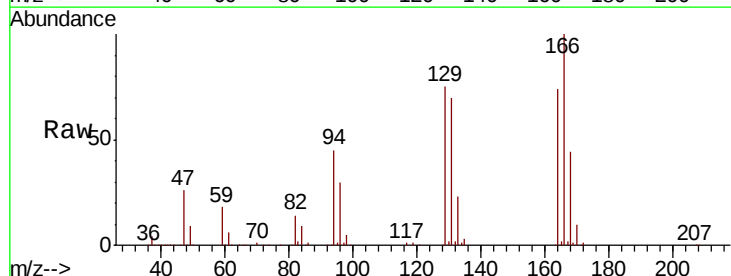
Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#46
 Tetrachloroethene
 Concen: 51.195 ug/L
 RT: 9.32 min Scan# 1350
 Delta R.T. -0.00 min
 Lab File: VX019218.D
 Acq: 02 Nov 2020 17:48

Tgt Ion:	164	Resp:	118105
Ion	Ratio	Lower	Upper
164	100		
129	100.5	65.2	121.2
131	93.8	62.5	116.1
166	134.8	90.2	167.6



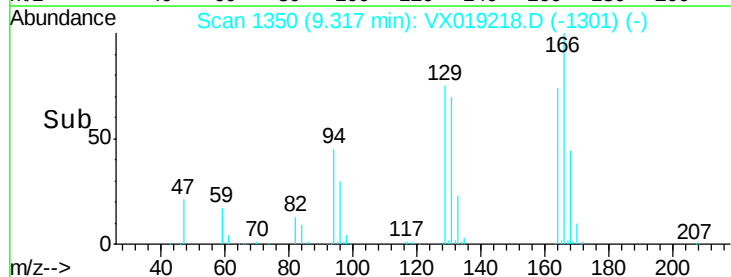
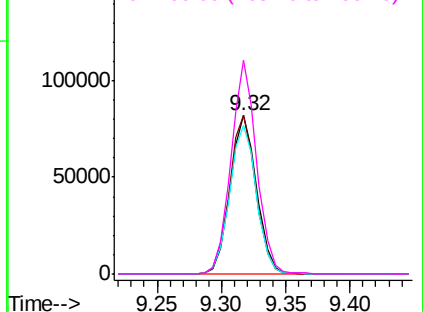
Abundance

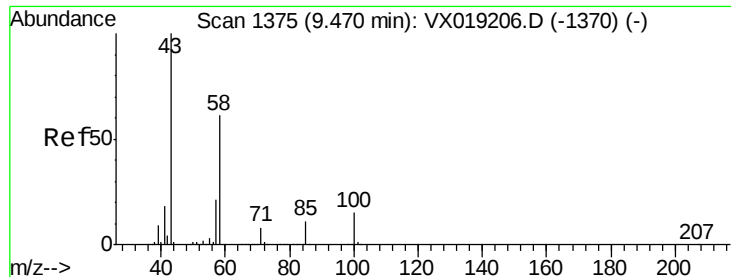
Ion 164.00 (163.70 to 164.70): V

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

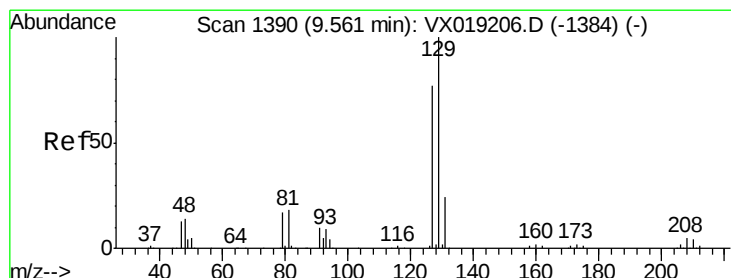
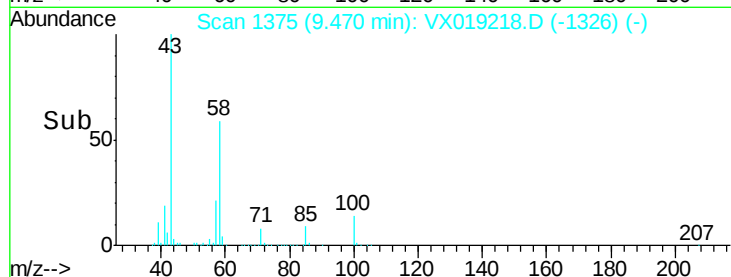
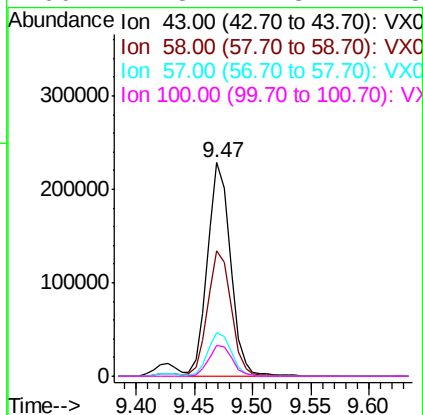
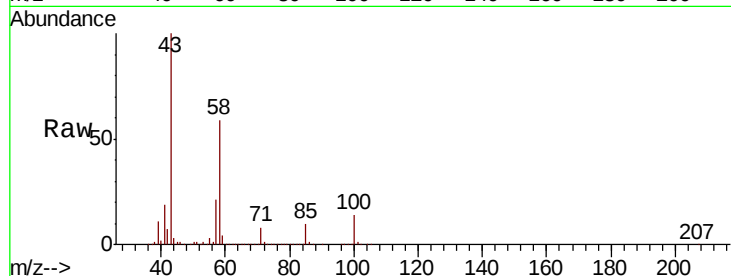




#48
2-Hexanone
Concen: 115.849 ug/L
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019218.D
Acq: 02 Nov 2020 17:48

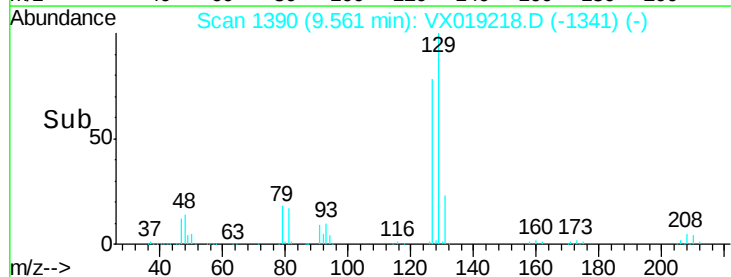
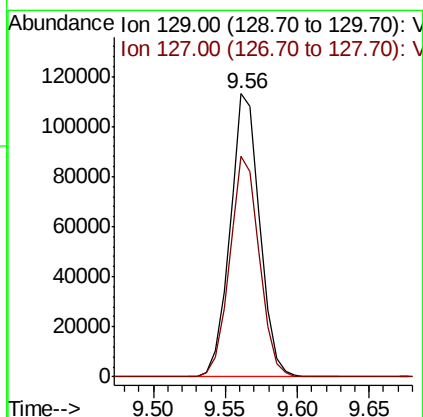
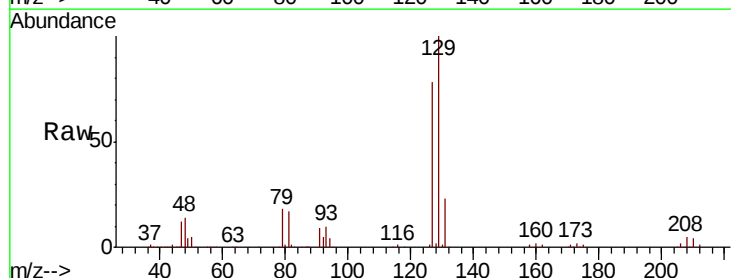
Instrument :
MSVOA_X
ClientSampleId :

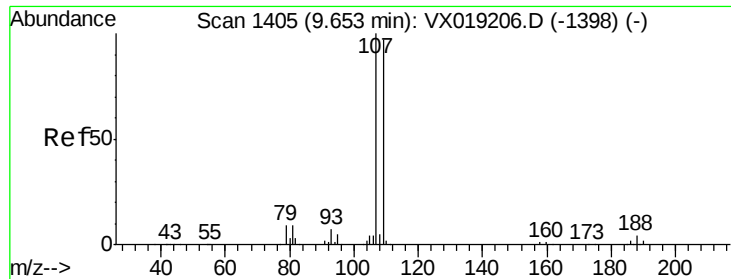
Tot Ion: 43 Resp: 310676
Ion Ratio Lower Upper
43 100
58 60.2 48.2 72.2
57 21.0 17.1 25.7
100 14.8 11.8 17.8



#49
Dibromochloromethane
Concen: 54.349 ug/L
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019218.D
Acq: 02 Nov 2020 17:48

Tgt Ion: 129 Resp: 162518
Ion Ratio Lower Upper
129 100
127 77.8 54.0 100.2

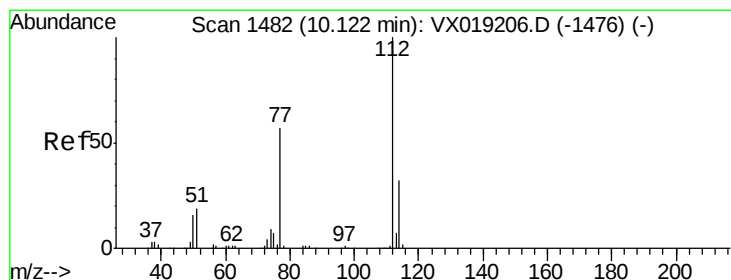
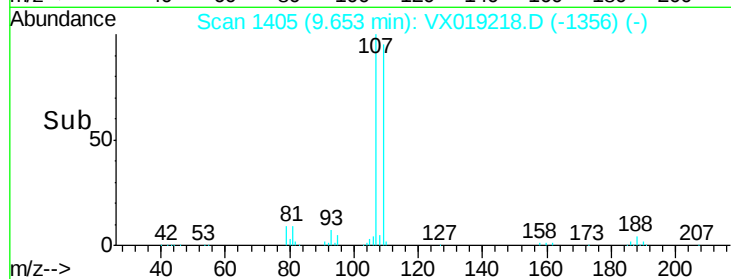
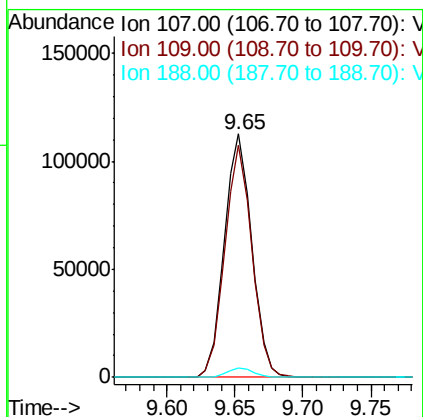
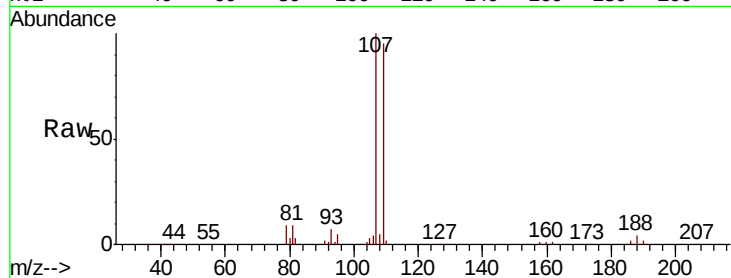




#50
 1,2-Dibromoethane
 Concen: 55.157 ug/L
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019218.D
 Acq: 02 Nov 2020 17:48

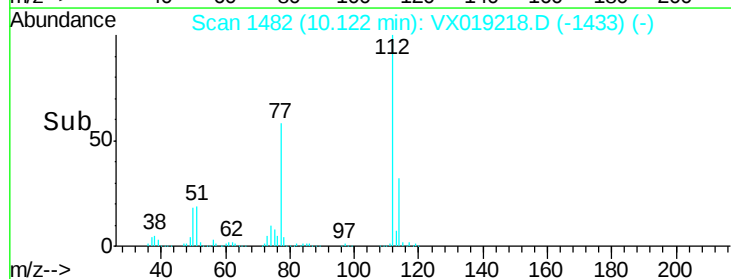
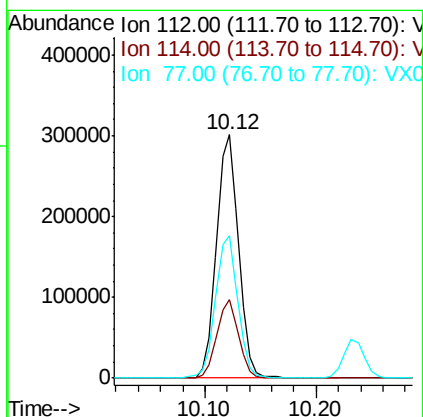
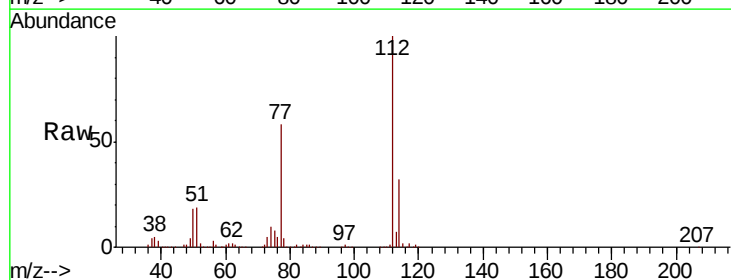
Instrument :
 MSVOA_X
 ClientSampleId :

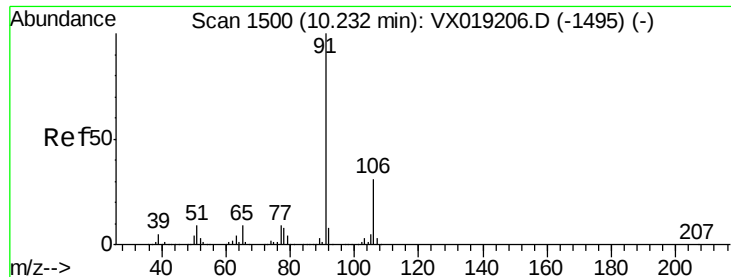
Tot Ion	Ratio	Lower	Upper
107	100		
109	95.1	68.1	126.5
188	3.6	3.0	4.4



#51
 Chlorobenzene
 Concen: 54.450 ug/L
 RT: 10.12 min Scan# 1482
 Delta R.T. -0.00 min
 Lab File: VX019218.D
 Acq: 02 Nov 2020 17:48

Tgt Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.2	41.2
77	58.5	46.2	69.4





#52

Ethylbenzene

Concen: 54.646 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Instrument :

MSVOA_X

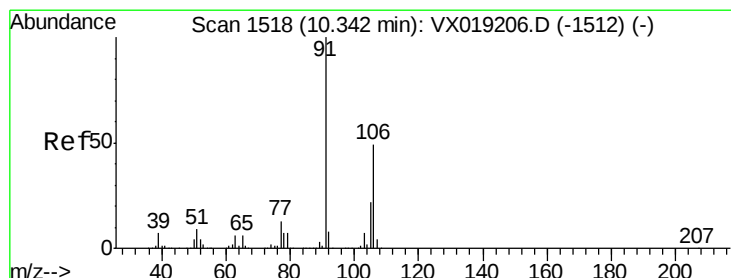
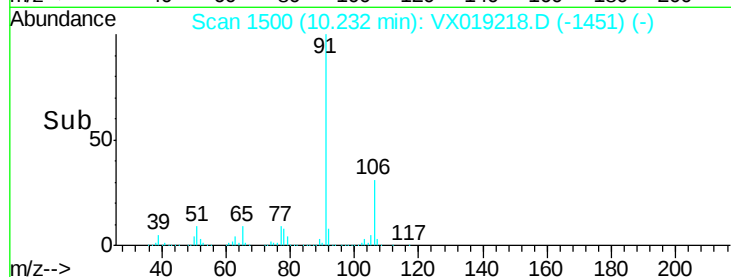
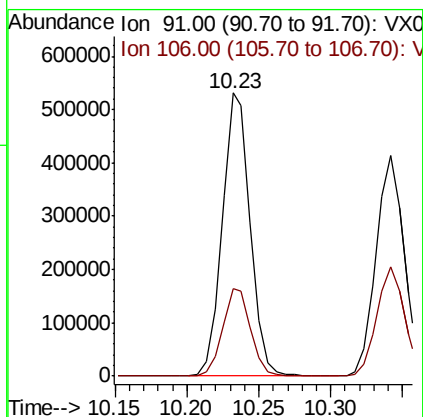
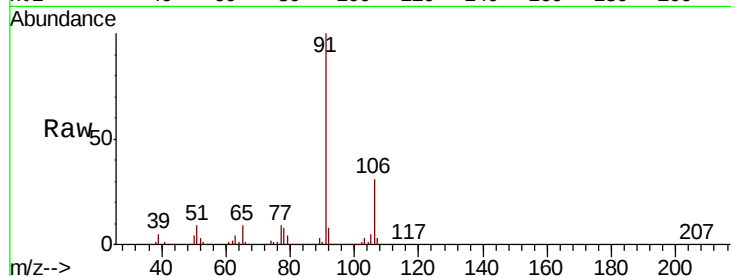
ClientSampleId :

Tot Ion: 91 Resp: 719936

Ion Ratio Lower Upper

91 100

106 31.2 21.5 39.9



#53

m,p-Xylene

Concen: 55.005 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019218.D

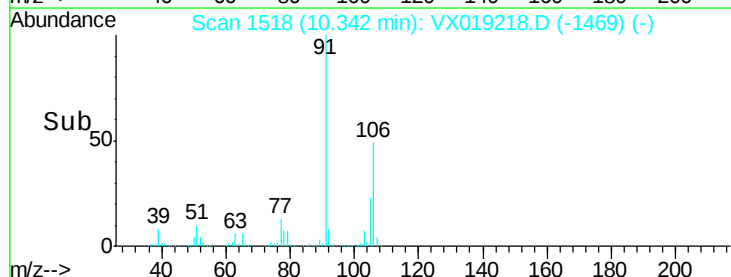
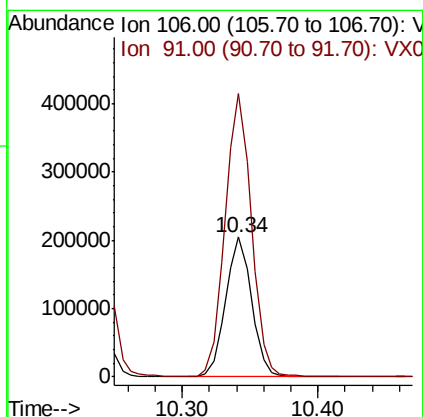
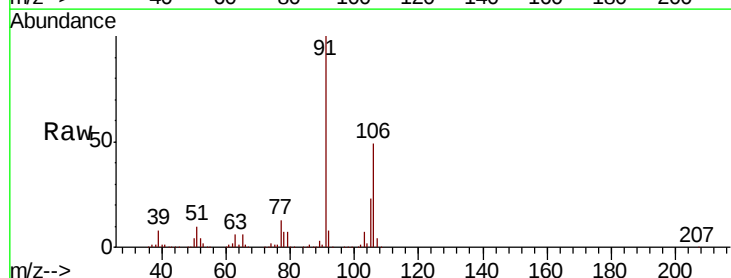
Acq: 02 Nov 2020 17:48

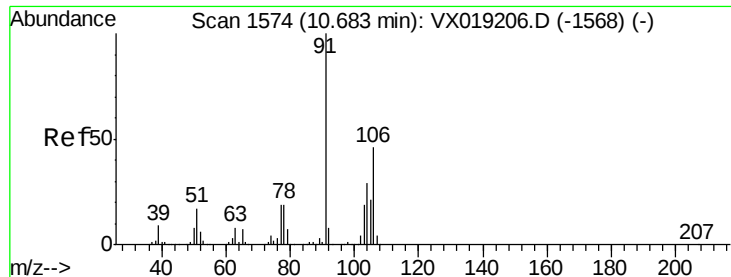
Tgt Ion: 106 Resp: 272237

Ion Ratio Lower Upper

106 100

91 203.0 144.2 267.8

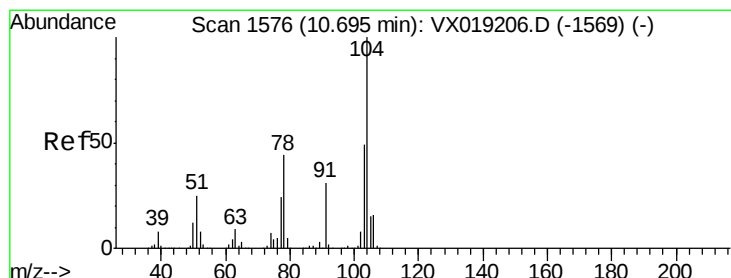
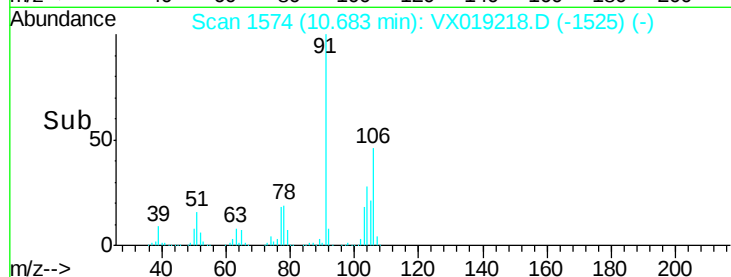
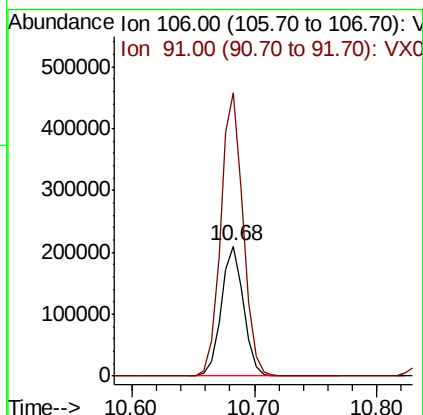
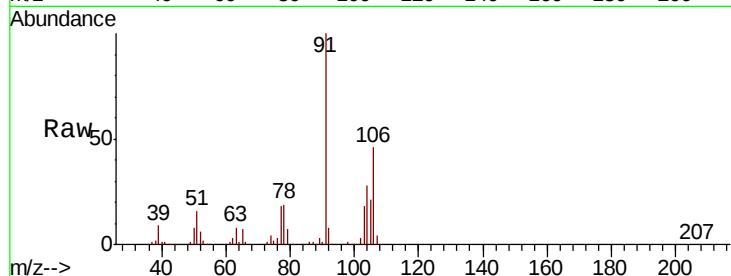




#54
o-Xylene
Concen: 55.409 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019218.D
Acq: 02 Nov 2020 17:48

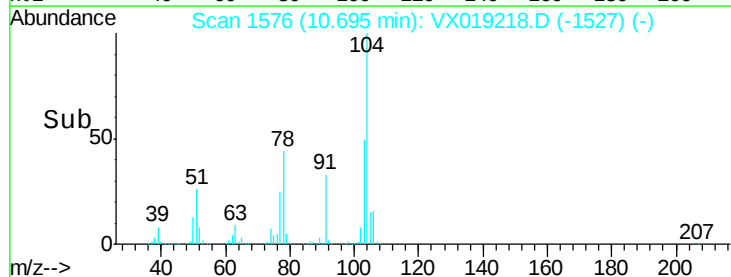
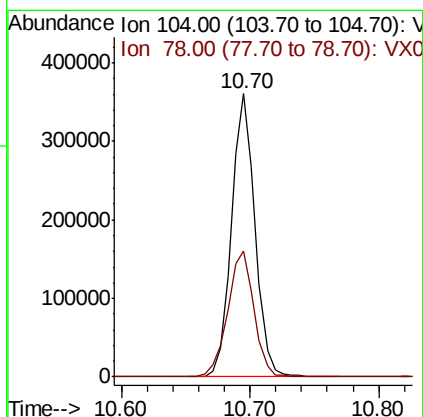
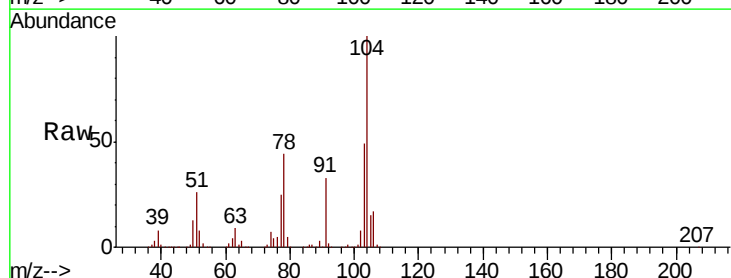
Instrument :
MSVOA_X
ClientSampled :

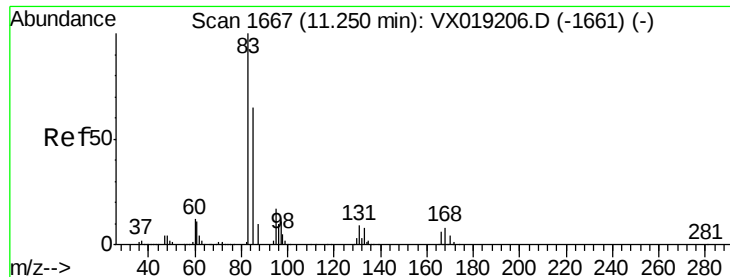
Tot Ion:106 Resp: 265520
Ion Ratio Lower Upper
106 100
91 217.7 153.3 284.7



#55
Styrene
Concen: 56.719 ug/L
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019218.D
Acq: 02 Nov 2020 17:48

Tgt Ion:104 Resp: 458526
Ion Ratio Lower Upper
104 100
78 44.3 30.9 57.5

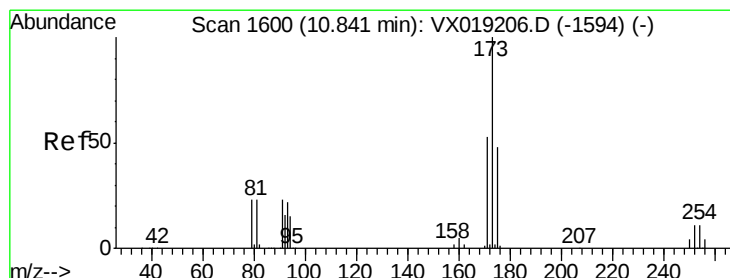
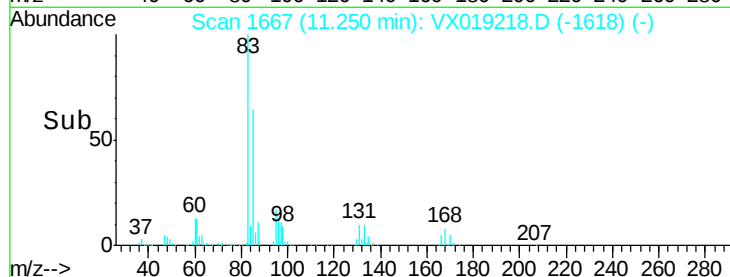
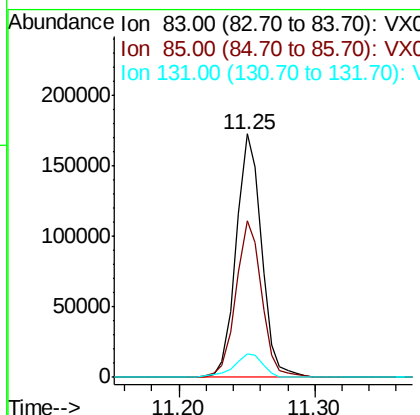
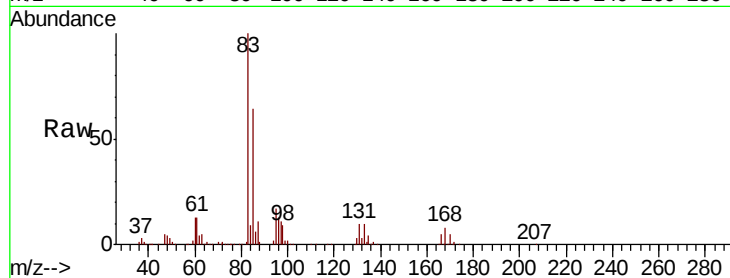




#57
 1,1,2,2-Tetrachloroethane
 Concen: 59.841 ug/L
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX019218.D
 Acq: 02 Nov 2020 17:48

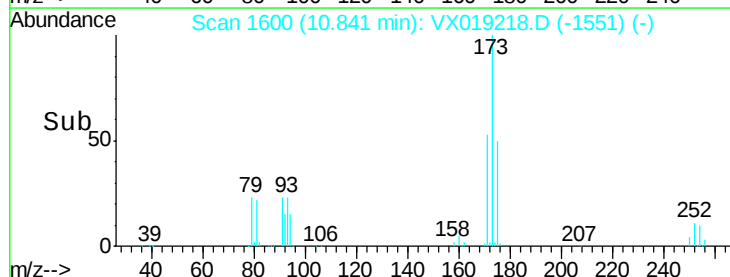
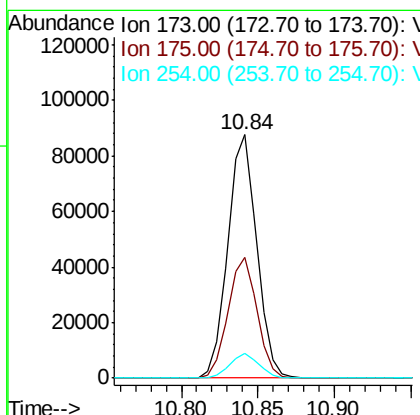
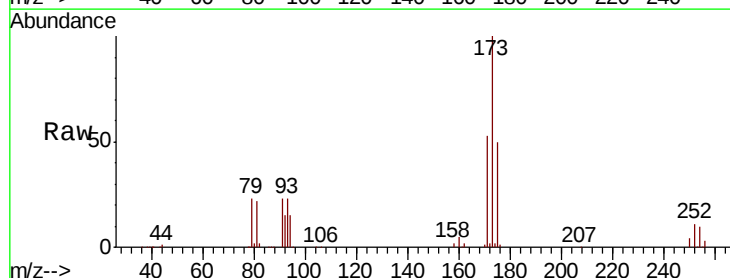
Instrument :
 MSVOA_X
 ClientSampleId :

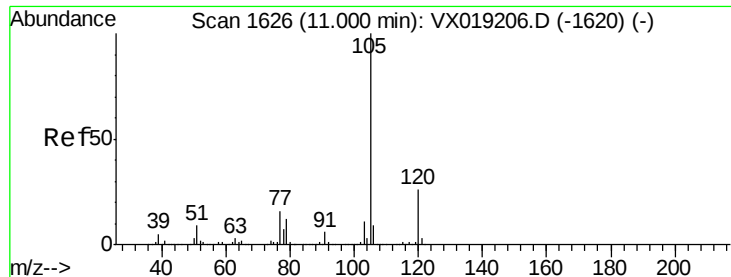
Tot Ion: 83 Resp: 224232
 Ion Ratio Lower Upper
 83 100
 85 64.1 45.9 85.3
 131 9.8 7.7 11.5



#59
 Bromoform
 Concen: 53.633 ug/L
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX019218.D
 Acq: 02 Nov 2020 17:48

Tgt Ion: 173 Resp: 114641
 Ion Ratio Lower Upper
 173 100
 175 49.8 39.7 59.5
 254 9.9 8.2 12.4





#60

Isopropylbenzene

Concen: 52.795 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

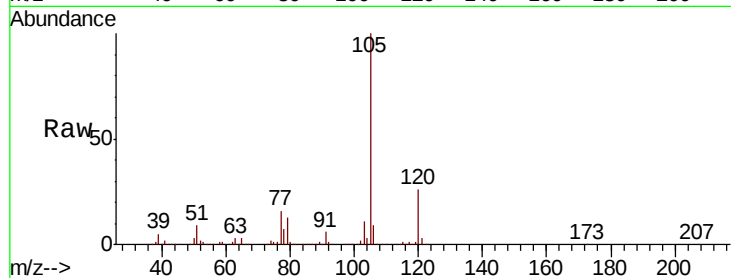
Tot Ion: 105 Resp: 707043

Ion Ratio Lower Upper

105 100

120 26.5 21.1 31.7

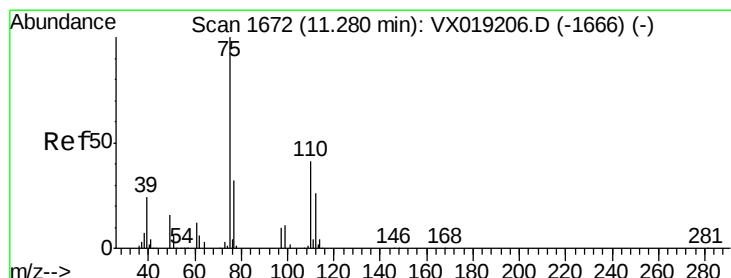
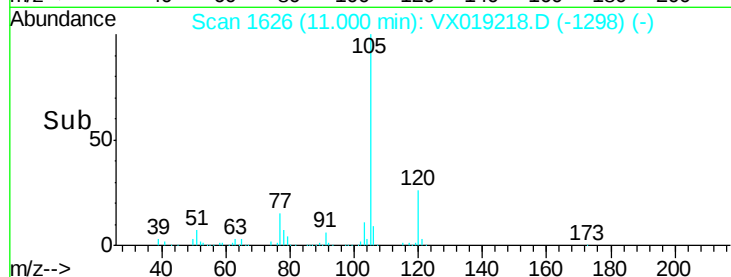
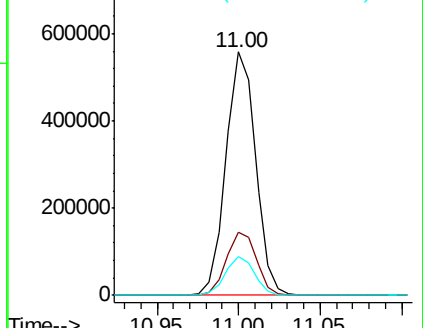
77 15.9 12.6 19.0



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: 56.474 ug/L

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

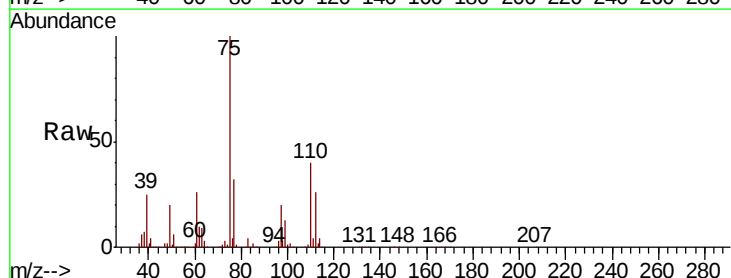
Tgt Ion: 75 Resp: 189821

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.0

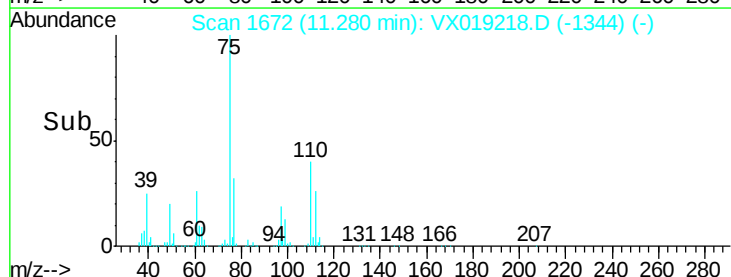
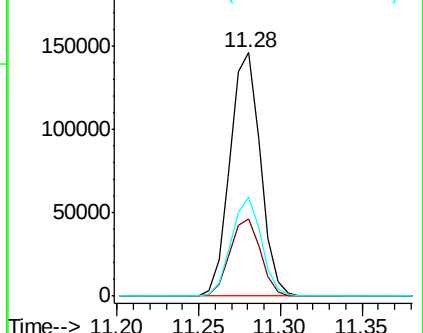
110 40.2 32.2 48.2

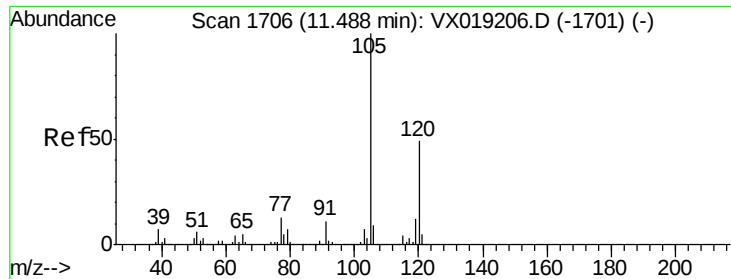


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V

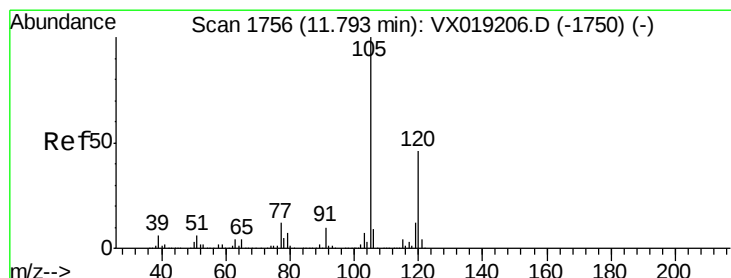
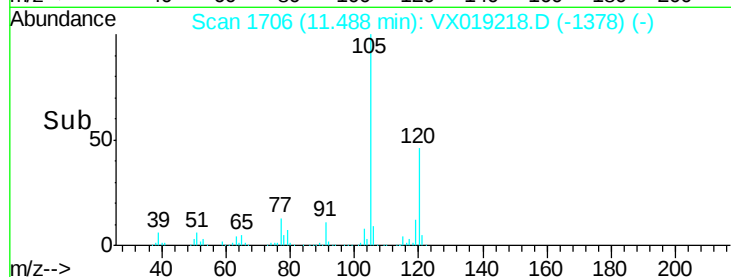
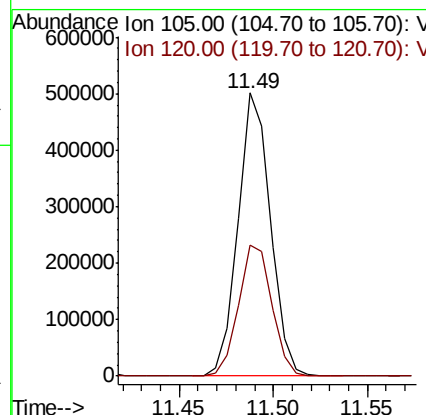
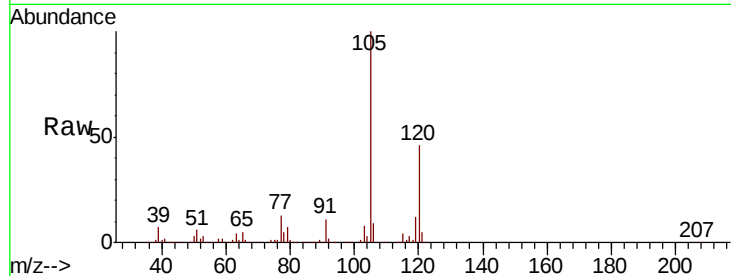




#62
 1,3,5-Trimethylbenzene
 Concen: 54.309 ug/L
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019218.D
 Acq: 02 Nov 2020 17:48

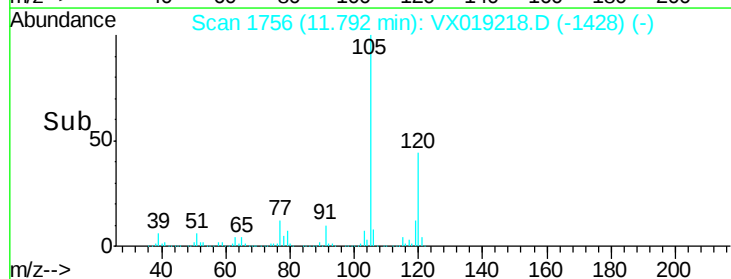
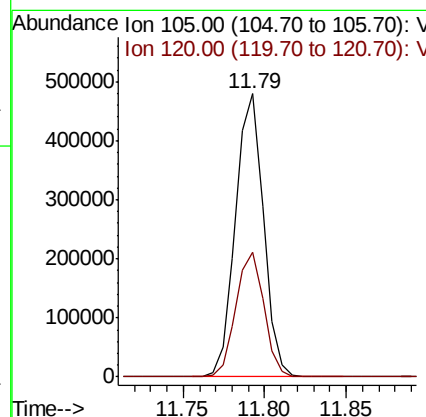
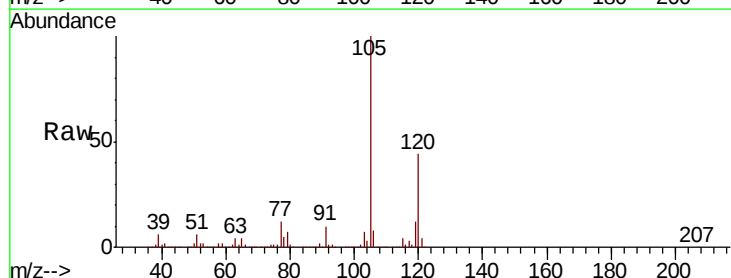
Instrument :
 MSVOA_X
 ClientSampled :

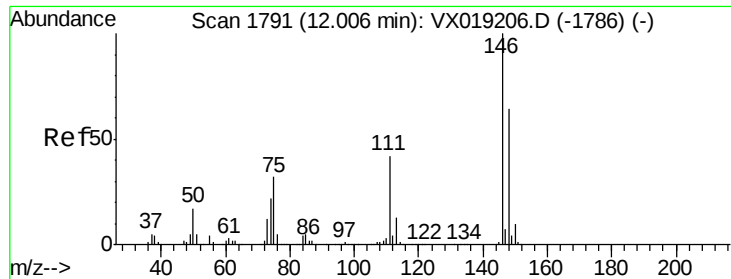
Tot Ion:105 Resp: 598347
 Ion Ratio Lower Upper
 105 100
 120 47.9 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 54.827 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019218.D
 Acq: 02 Nov 2020 17:48

Tgt Ion:105 Resp: 571344
 Ion Ratio Lower Upper
 105 100
 120 44.3 36.0 54.0





#64

1,3-Dichlorobenzene

Concen: 53.799 ug/L

RT: 12.01 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

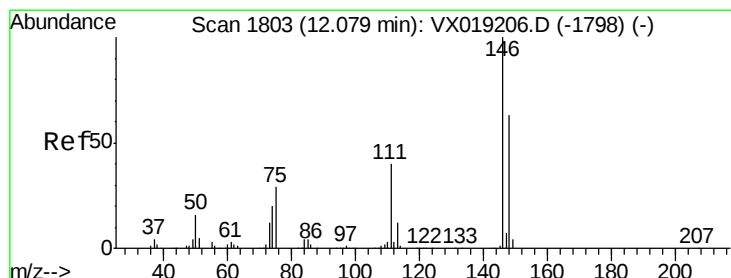
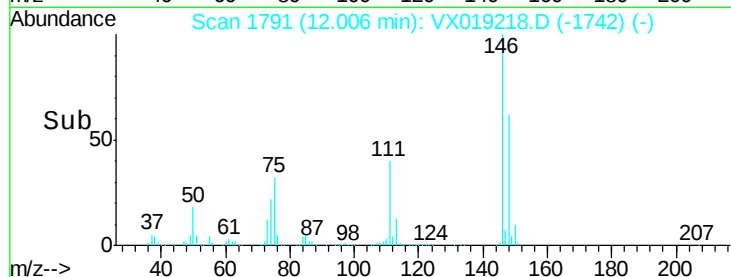
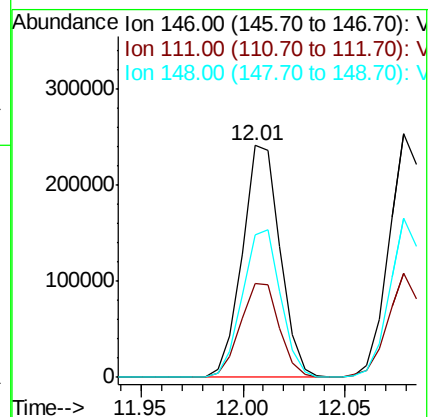
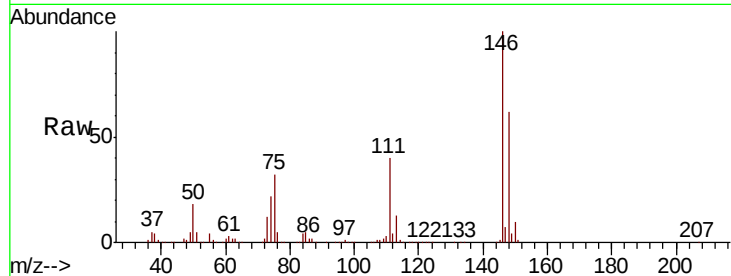
Tot Ion:146 Resp: 311066

Ion Ratio Lower Upper

146 100

111 40.4 29.7 55.1

148 61.6 44.5 82.7



#65

1,4-Dichlorobenzene

Concen: 53.190 ug/L

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

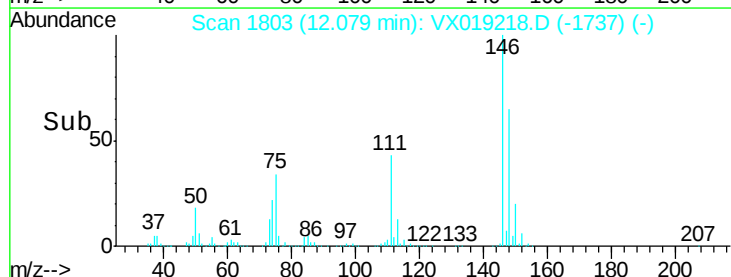
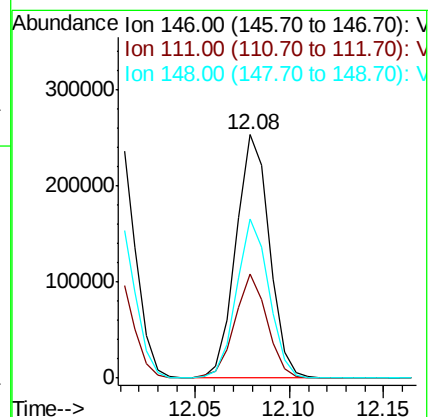
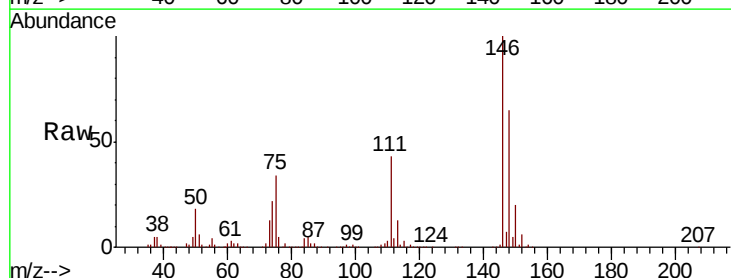
Tgt Ion:146 Resp: 312055

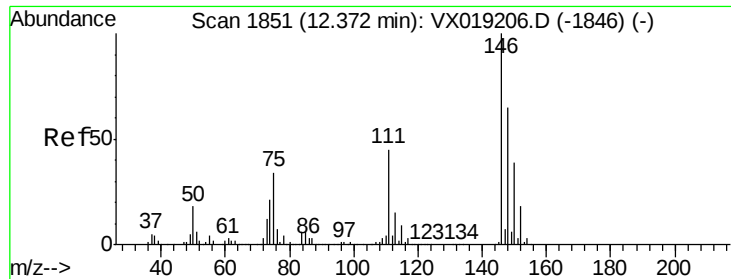
Ion Ratio Lower Upper

146 100

111 42.7 28.1 52.3

148 65.3 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 53.739 ug/L

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

Instrument :

MSVOA_X

ClientSampleId :

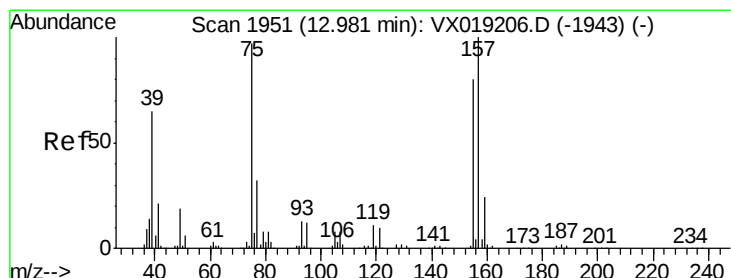
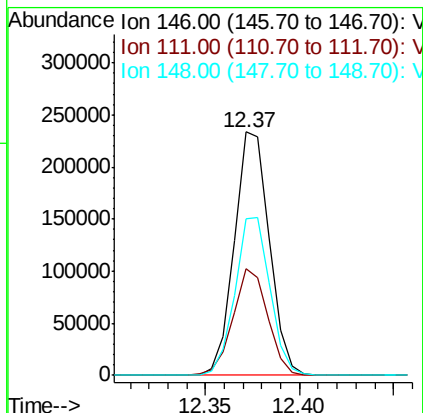
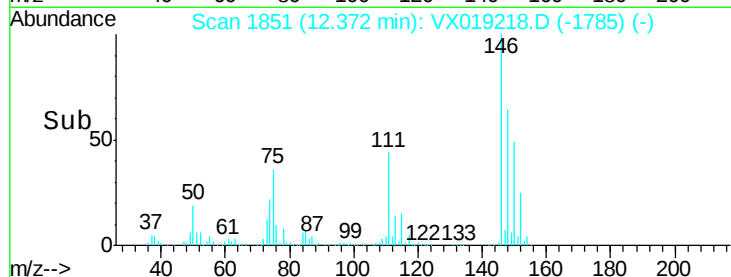
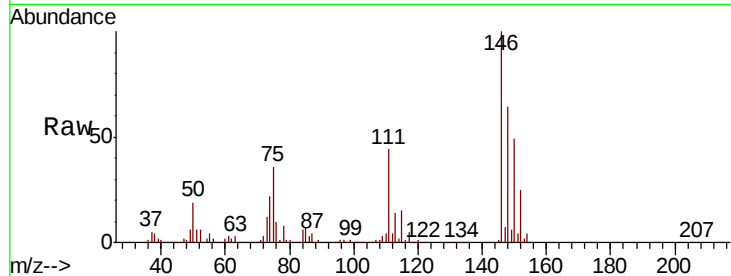
Tot Ion:146 Resp: 300852

Ion Ratio Lower Upper

146 100

111 43.7 35.9 53.9

148 64.3 52.2 78.4



#68

1,2-Dibromo-3-chloropropane

Concen: 55.587 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX019218.D

Acq: 02 Nov 2020 17:48

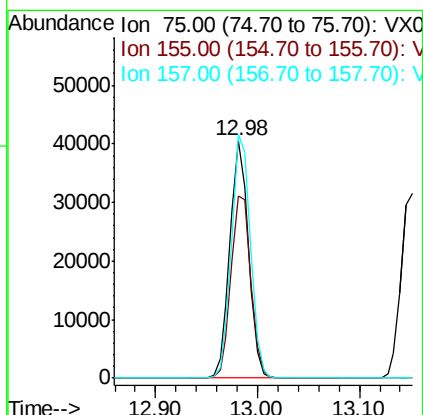
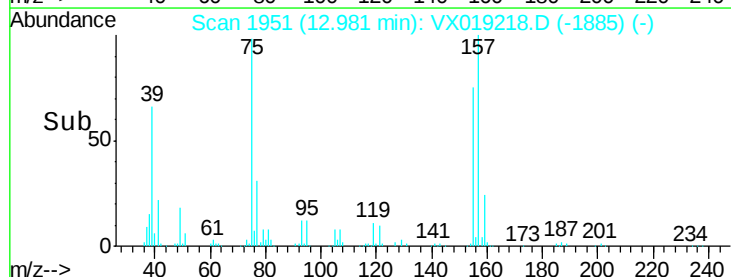
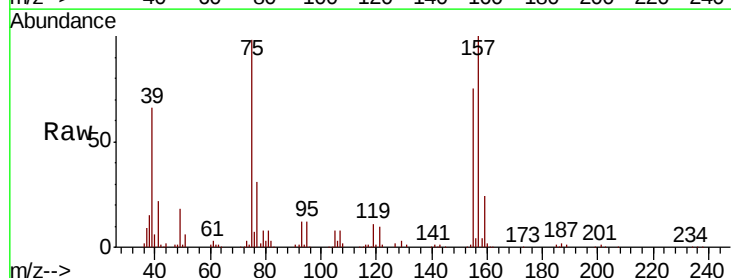
Tgt Ion: 75 Resp: 50883

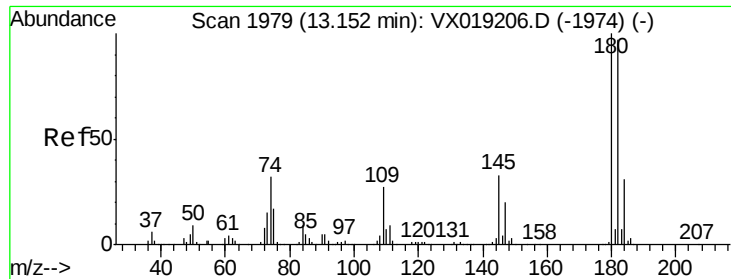
Ion Ratio Lower Upper

75 100

155 76.7 65.8 98.8

157 102.4 82.6 123.8

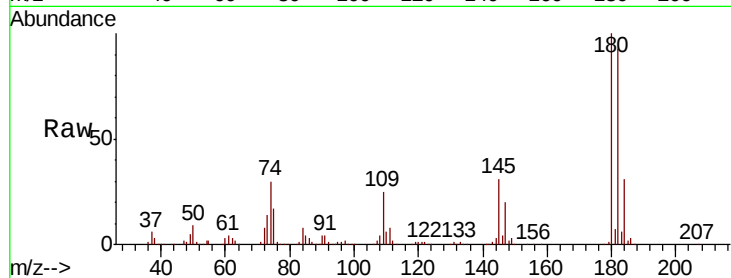




#69
 1,3,5-Trichlorobenzene
 Concen: 54.348 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: VX019218.D
 Acq: 02 Nov 2020 17:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.8	78.8	118.2
184	29.8	25.2	37.8
145	30.2	25.8	38.6



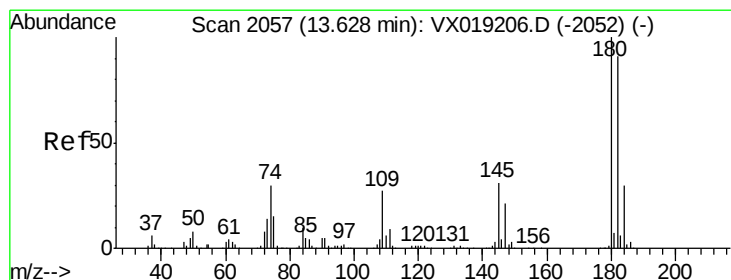
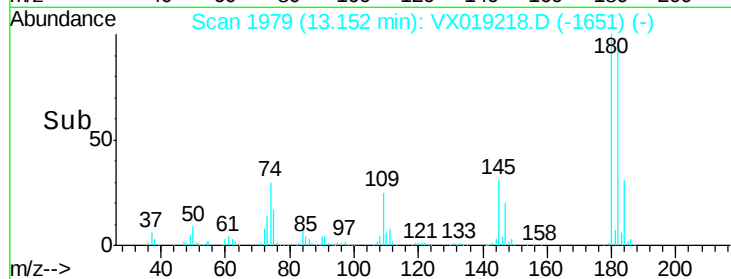
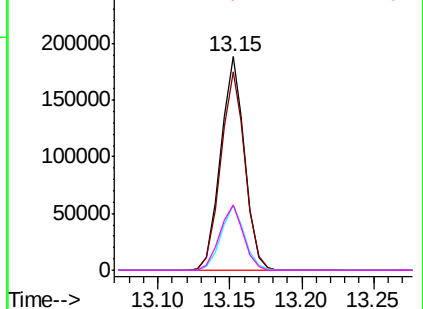
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

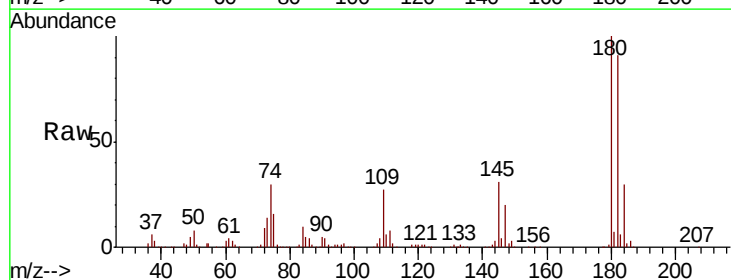
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#70
 1,2,4-trichlorobenzene
 Concen: 53.890 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019218.D
 Acq: 02 Nov 2020 17:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	74.6	111.8
145	31.3	25.4	38.0

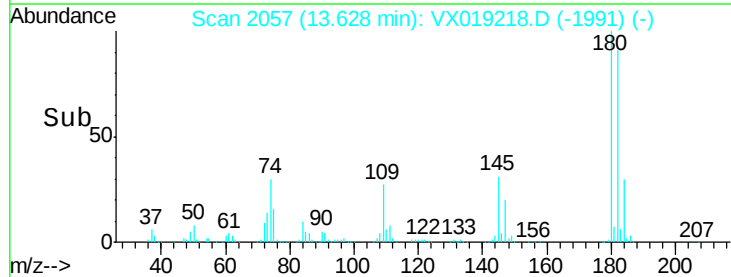
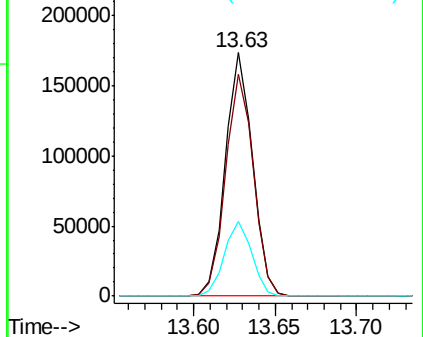


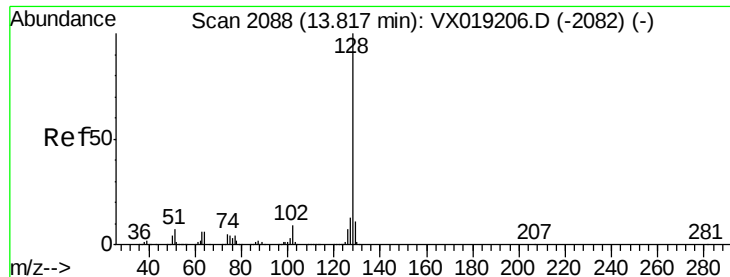
Abundance

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

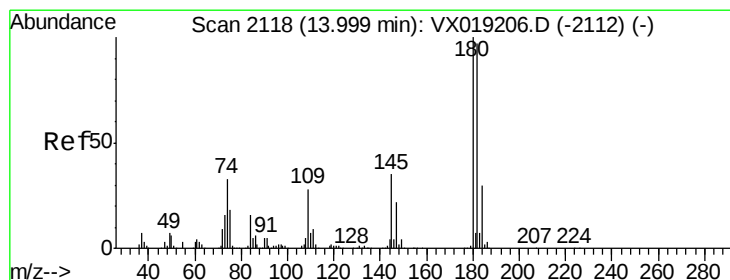
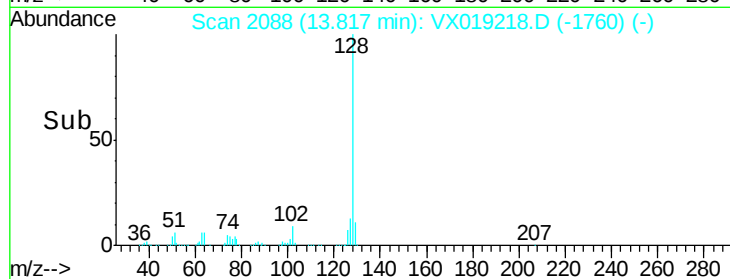
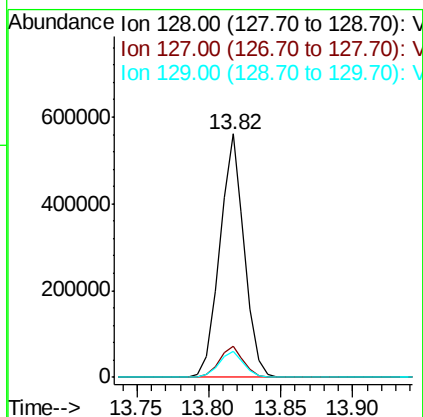
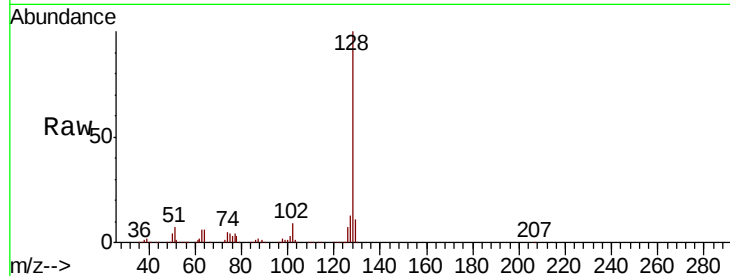




#71
Naphthalene
Concen: 54.823 ug/L
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019218.D
Acq: 02 Nov 2020 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 661585
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.0 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 53.501 ug/L
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019218.D
Acq: 02 Nov 2020 17:48

Tgt Ion:180 Resp: 195386
Ion Ratio Lower Upper
180 100
182 95.6 75.3 112.9
145 34.1 27.1 40.7

