

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX120420\
 Data File : VX019712.D
 Acq On : 04 Dec 2020 11:36
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Dec 04 13:16:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 13:12:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	346310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	564503	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	519930	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	253883	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	88750	19.34	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	38.68%#
35) Dibromofluoromethane	5.46	113	71699	19.39	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	38.78%#
50) Toluene-d8	8.70	98	277692	19.60	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	39.20%#
62) 4-Bromofluorobenzene	11.12	95	102209	19.06	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	38.12%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	67923	20.063	ug/l	100
3) Chloromethane	1.31	50	75437	16.222	ug/l	100
4) Vinyl Chloride	1.39	62	82580	19.735	ug/l	98
5) Bromomethane	1.62	94	46257	30.951	ug/l	99
6) Chloroethane	1.71	64	51763	9.725	ug/l	97
7) Trichlorofluoromethane	1.92	101	113461	19.624	ug/l	97
8) Diethyl Ether	2.17	74	46824	19.267	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	67275	19.607	ug/l	100
10) Methyl Iodide	2.49	142	94416	20.080	ug/l	100
11) Tert butyl alcohol	3.01	59	99215	97.488	ug/l	99
12) 1,1-Dichloroethene	2.35	96	67193	19.539	ug/l	100
13) Acrolein	2.27	56	47096	80.494	ug/l	99
14) Allyl chloride	2.71	41	109503	19.804	ug/l	99
15) Acrylonitrile	3.11	53	216860	101.952	ug/l	100
16) Acetone	2.42	43	180684	97.735	ug/l	99
17) Carbon Disulfide	2.55	76	179068	19.196	ug/l	100
18) Methyl Acetate	2.75	43	88401	19.035	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	242502	20.001	ug/l	100
20) Methylene Chloride	2.84	84	85643	18.133	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	77538	19.954	ug/l	98
22) Diisopropyl ether	3.82	45	228639	19.971	ug/l	98
23) Vinyl Acetate	3.78	43	982835	101.950	ug/l	99
24) 1,1-Dichloroethane	3.67	63	136947	19.745	ug/l	99
25) 2-Butanone	4.63	43	277858	101.693	ug/l	100
26) 2,2-Dichloropropane	4.55	77	116121	20.057	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	89135	19.690	ug/l	99
28) Bromochloromethane	4.98	49	65833	20.824	ug/l	100
29) Tetrahydrofuran	5.09	42	176996	101.291	ug/l	99
30) Chloroform	5.17	83	139870	19.632	ug/l	99
31) Cyclohexane	5.55	56	118181	19.490	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	120375	19.789	ug/l	99
36) 1,1-Dichloropropene	5.76	75	105148	20.146	ug/l	98
37) Ethyl Acetate	4.79	43	107678	20.601	ug/l	100
38) Carbon Tetrachloride	5.75	117	102926	19.860	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	121146	19.749	ug/l	99
40) Benzene	6.11	78	322411	19.809	ug/l	100
41) Methacrylonitrile	5.00	41	58581	20.251	ug/l	100
42) 1,2-Dichloroethane	6.16	62	110931	19.840	ug/l	99
43) Isopropyl Acetate	6.41	43	170540	19.708	ug/l	100
44) Trichloroethene	7.18	130	82046	19.301	ug/l	97
45) 1,2-Dichloropropane	7.49	63	80979	19.782	ug/l	98
46) Dibromomethane	7.63	93	54595	19.884	ug/l	99
47) Bromodichloromethane	7.87	83	106525	19.573	ug/l	99
48) Methyl methacrylate	7.74	41	85103	19.897	ug/l	99
49) 1,4-Dioxane	7.71	88	41590	423.026	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	539746	102.106	ug/l	100
52) Toluene	8.76	92	202172	19.951	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	117958	19.765	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	130047	19.935	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	81598	19.911	ug/l	99
56) Ethyl methacrylate	9.16	69	122190	19.850	ug/l	99
57) 1,3-Dichloropropane	9.35	76	139233	20.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	321033	99.544	ug/l	100
59) 2-Hexanone	9.47	43	414991	103.780	ug/l	99
60) Dibromochloromethane	9.56	129	83252	19.778	ug/l	99
61) 1,2-Dibromoethane	9.65	107	87684	20.369	ug/l	98
64) Tetrachloroethene	9.32	164	70867	19.738	ug/l	98
65) Chlorobenzene	10.12	112	212024	19.670	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	76493	19.528	ug/l	98
67) Ethyl Benzene	10.23	91	382818	20.137	ug/l	99
68) m/p-Xylenes	10.34	106	288762	40.616	ug/l	99
69) o-Xylene	10.68	106	138648	20.089	ug/l	97
70) Styrene	10.69	104	234088	20.222	ug/l	100
71) Bromoform	10.84	173	59214	19.535	ug/l #	99
73) Isopropylbenzene	11.00	105	367181	20.767	ug/l	99
74) N-amyl acetate	10.88	43	145629	20.515	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	130710	20.415	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	149049	25.616	ug/l	89
77) Bromobenzene	11.24	156	93527	20.412	ug/l	98
78) n-propylbenzene	11.34	91	422597	20.732	ug/l	100
79) 2-Chlorotoluene	11.40	91	255067	20.573	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	312386	20.891	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	40786	19.606	ug/l	97
82) 4-Chlorotoluene	11.49	91	297419	20.579	ug/l	100
83) tert-Butylbenzene	11.76	119	301577	20.370	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	319479	21.142	ug/l	99
85) sec-Butylbenzene	11.93	105	346774	20.623	ug/l	100
86) p-Isopropyltoluene	12.05	119	315265	20.319	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	166888	20.018	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	167516	19.670	ug/l	98
89) n-Butylbenzene	12.37	91	272170	20.018	ug/l	99
90) Hexachloroethane	12.58	117	53081	20.119	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	166756	20.432	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	28089	20.770	ug/l	96

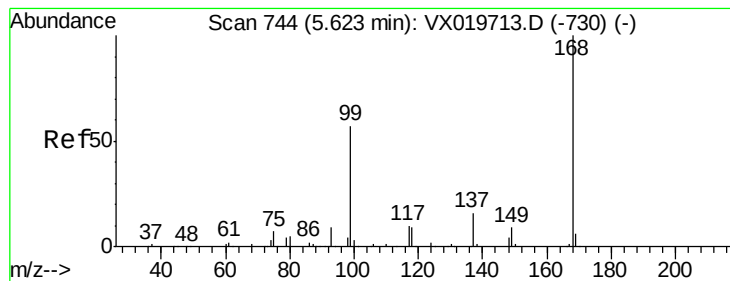
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	106843	20.199	ug/l	100
94) Hexachlorobutadiene	13.76	225	45024	20.061	ug/l	100
95) Naphthalene	13.82	128	355349	20.703	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	104547	19.925	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

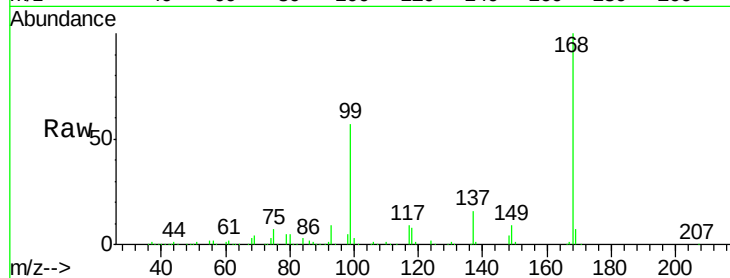
VSTDIC020

Tgt Ion:168 Resp: 346310

Ion Ratio Lower Upper

168 100

99 56.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

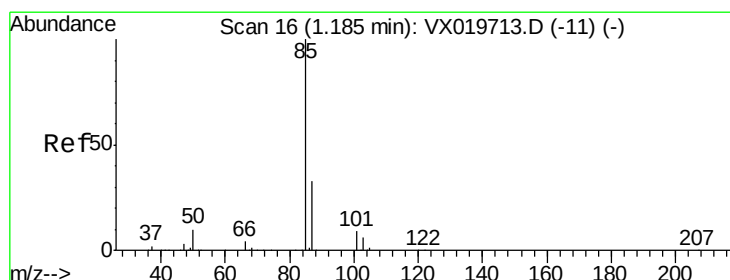
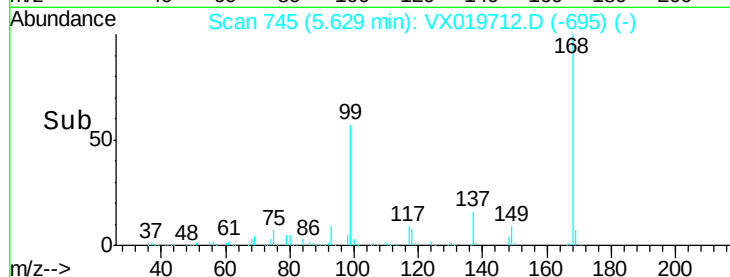
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 20.063 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX019712.D

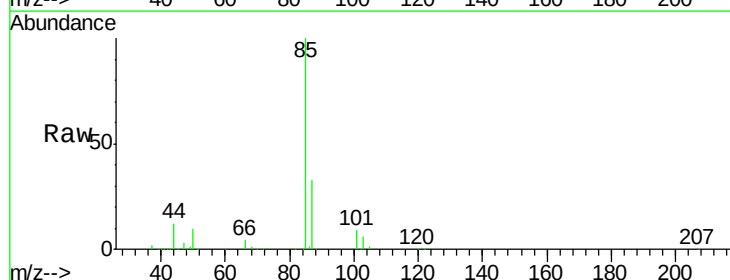
Acq: 04 Dec 2020 11:36

Tgt Ion: 85 Resp: 67923

Ion Ratio Lower Upper

85 100

87 32.8 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

80000

60000

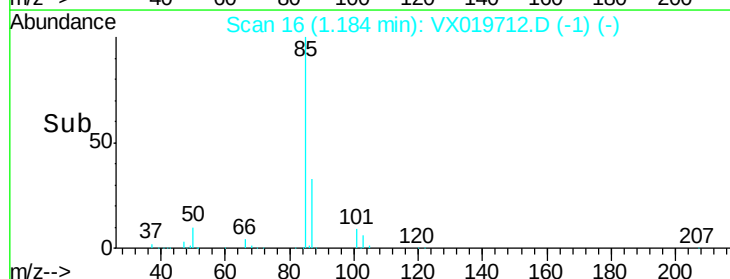
40000

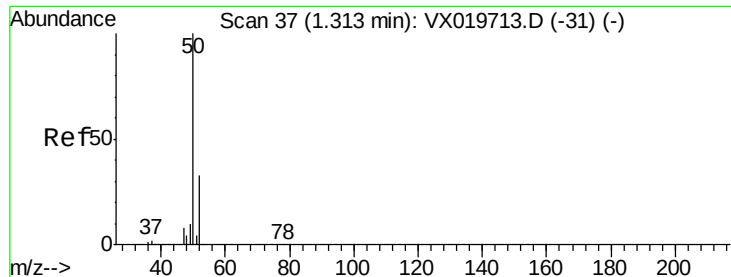
20000

0

1.10 1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 16.222 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

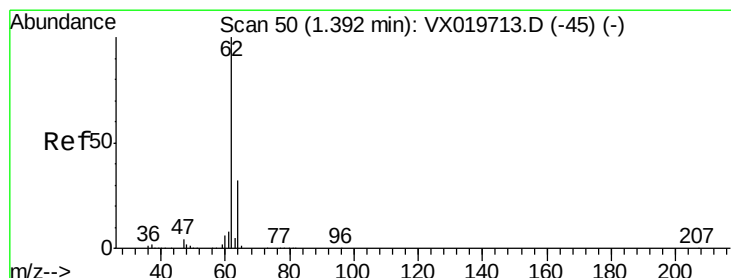
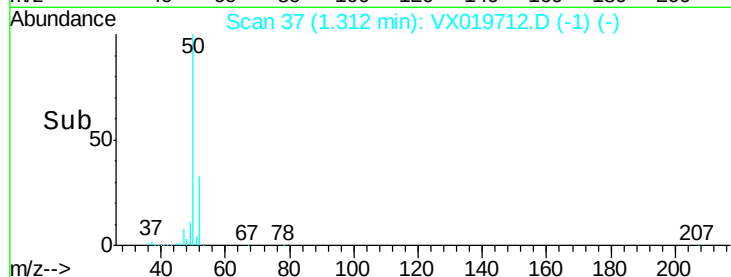
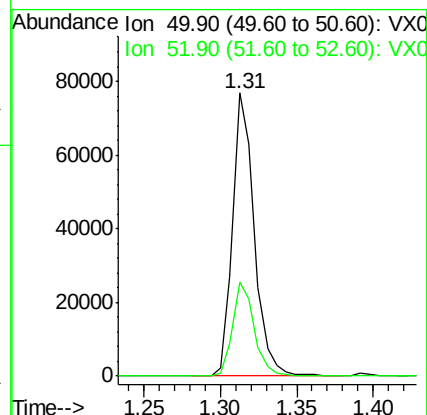
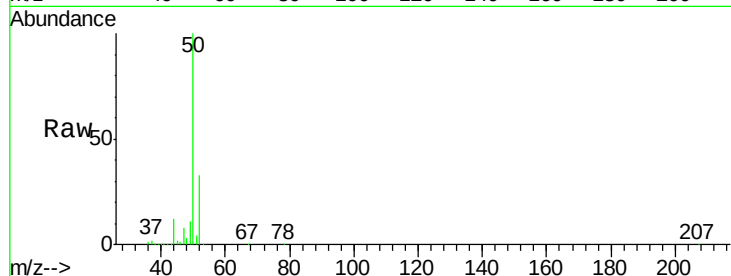
VSTDIC020

Tgt Ion: 50 Resp: 75437

Ion Ratio Lower Upper

50 100

52 33.2 26.4 39.6



#4

Vinyl Chloride

Concen: 19.735 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019712.D

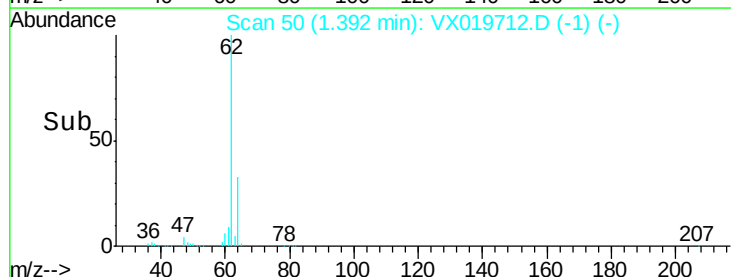
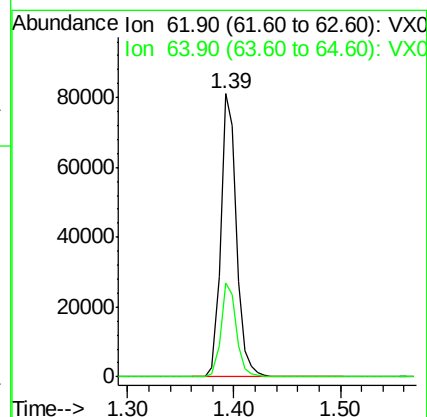
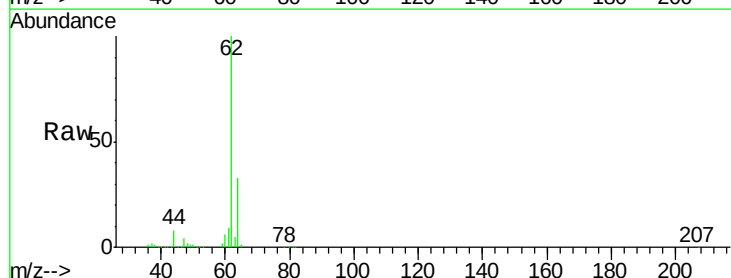
Acq: 04 Dec 2020 11:36

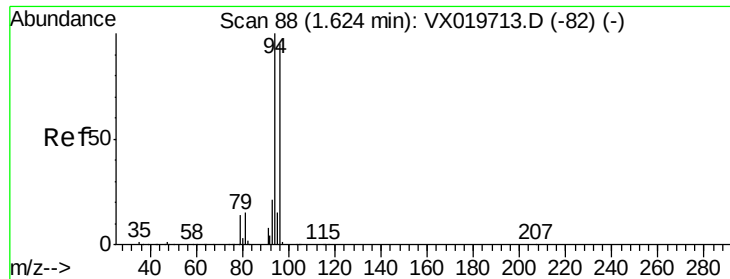
Tgt Ion: 62 Resp: 82580

Ion Ratio Lower Upper

62 100

64 33.0 25.7 38.5





#5

Bromomethane

Concen: 30.951 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

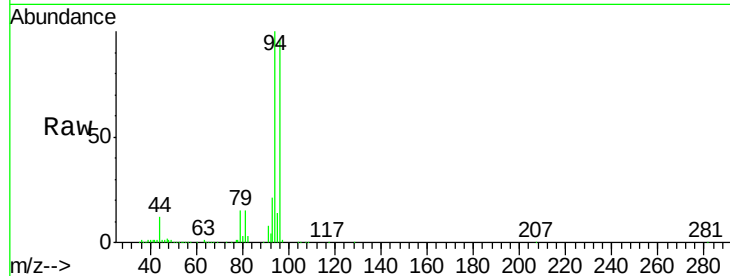
VSTDIC020

Tgt Ion: 94 Resp: 46257

Ion Ratio Lower Upper

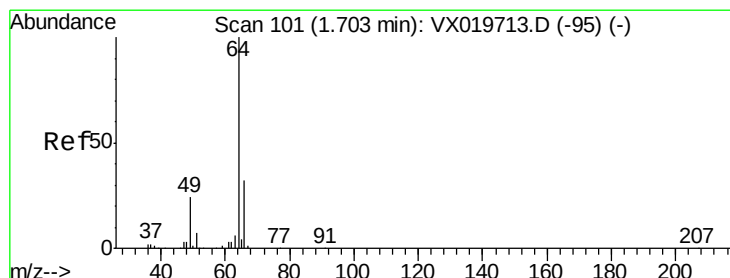
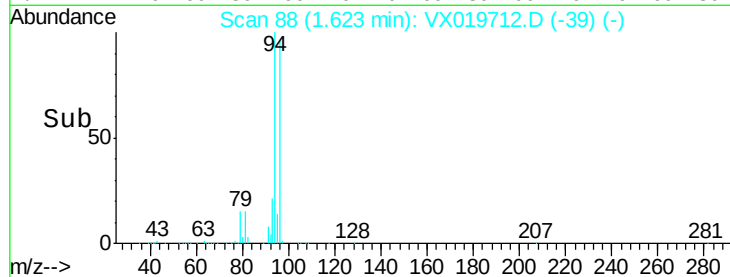
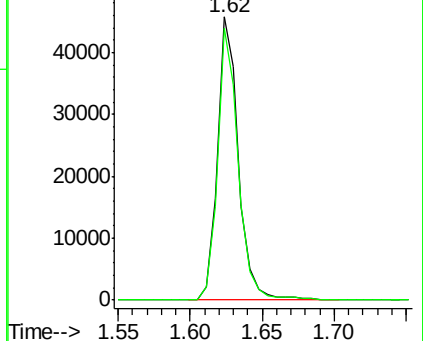
94 100

96 96.1 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 9.725 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019712.D

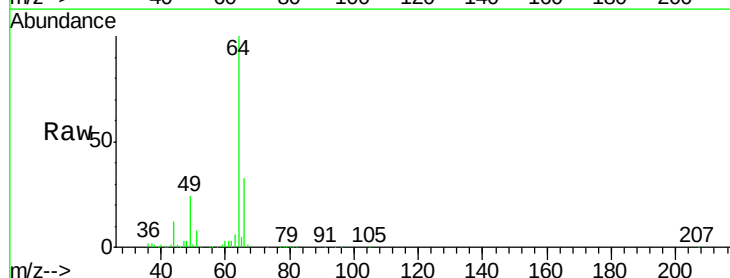
Acq: 04 Dec 2020 11:36

Tgt Ion: 64 Resp: 51763

Ion Ratio Lower Upper

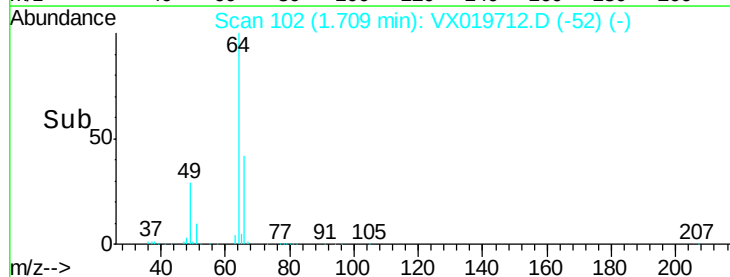
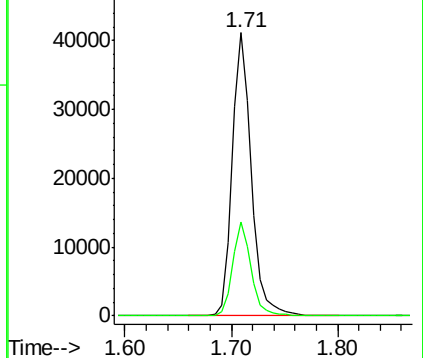
64 100

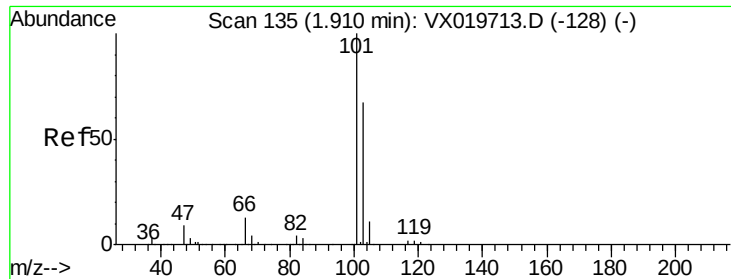
66 33.1 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



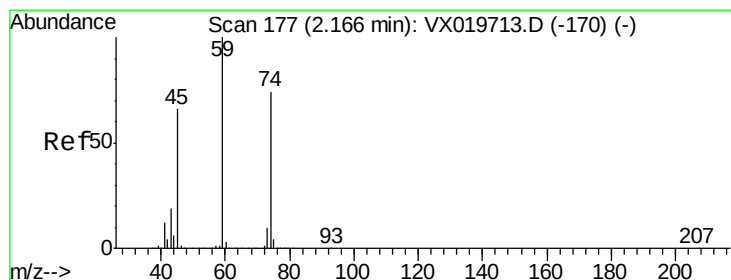
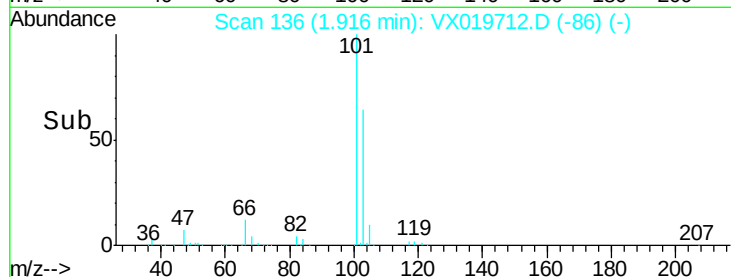
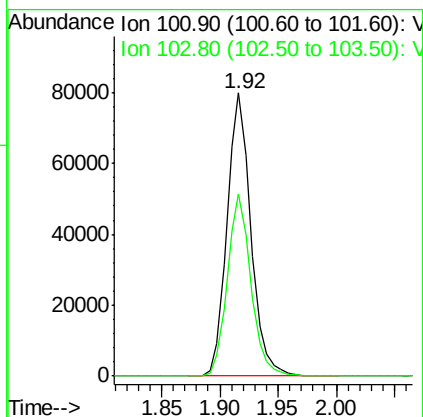
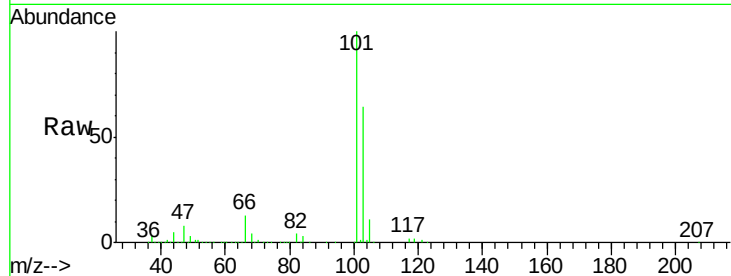


#7

Trichlorofluoromethane
Concen: 19.624 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

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MSVOA_X
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VSTDIC020

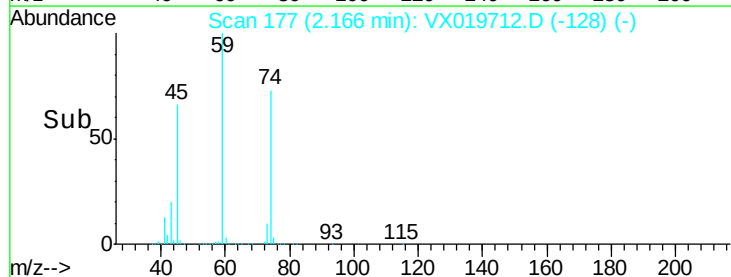
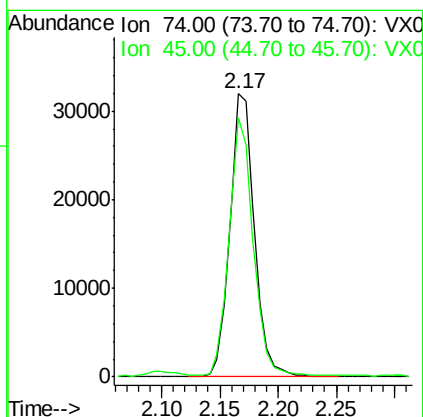
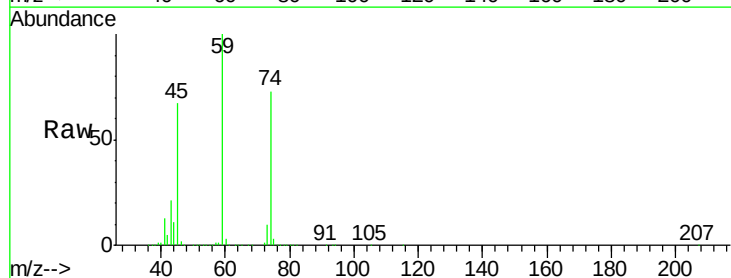
Tgt Ion:101 Resp: 113461
Ion Ratio Lower Upper
101 100
103 64.3 53.2 79.8

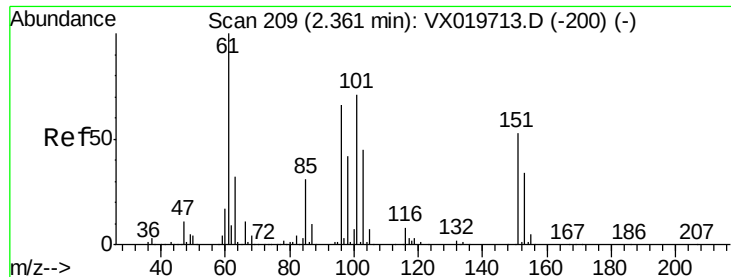


#8

Diethyl Ether
Concen: 19.267 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion: 74 Resp: 46824
Ion Ratio Lower Upper
74 100
45 89.5 44.5 133.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.607 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

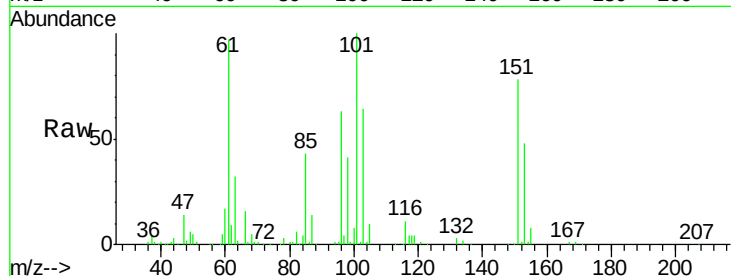
Tgt Ion:101 Resp: 67275

Ion Ratio Lower Upper

101 100

85 43.6 34.9 52.3

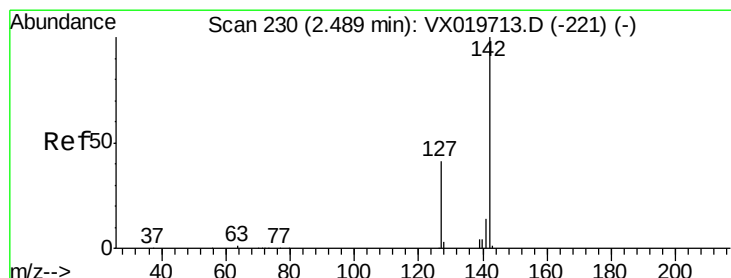
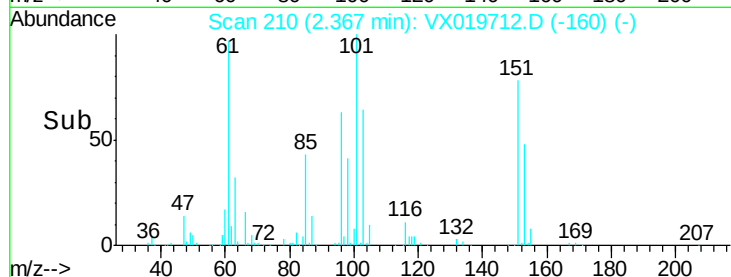
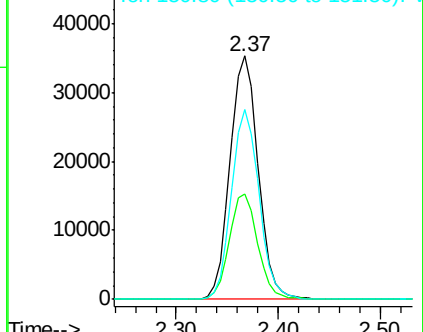
151 76.5 61.4 92.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.080 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

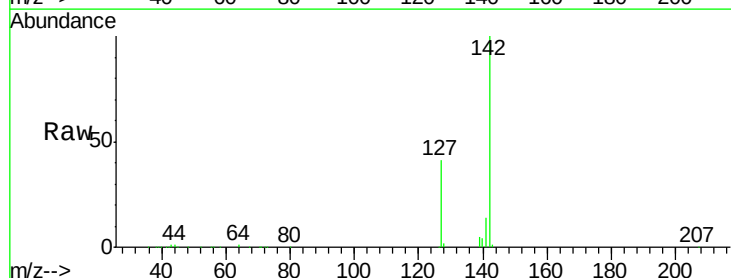
Tgt Ion:142 Resp: 94416

Ion Ratio Lower Upper

142 100

127 41.8 33.3 49.9

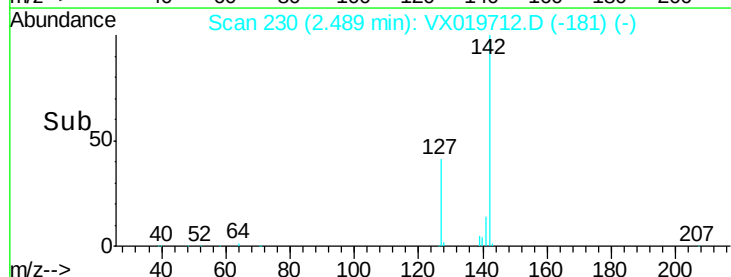
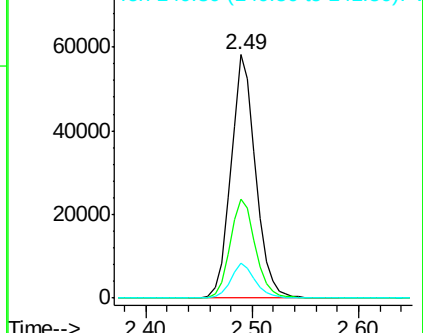
141 14.1 11.4 17.0

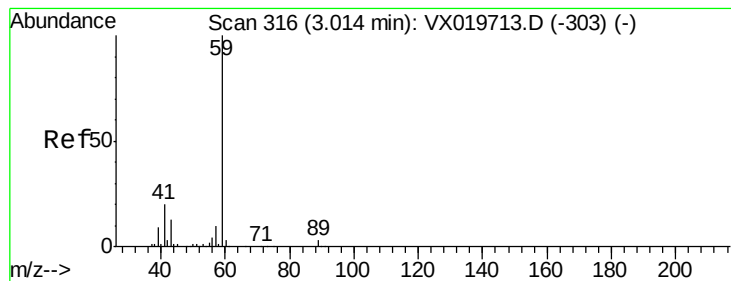


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 97.488 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

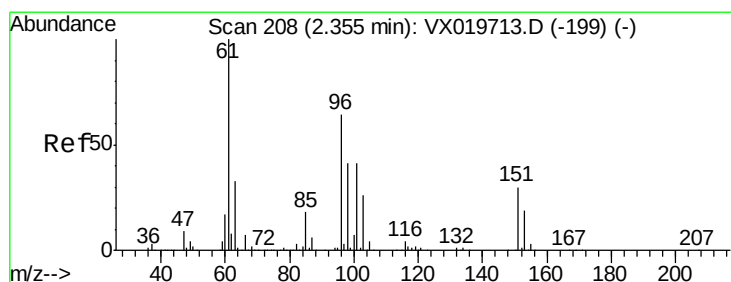
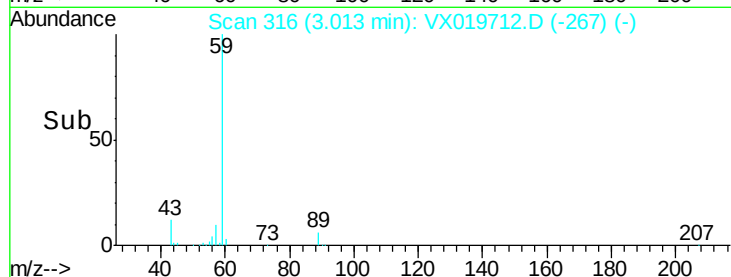
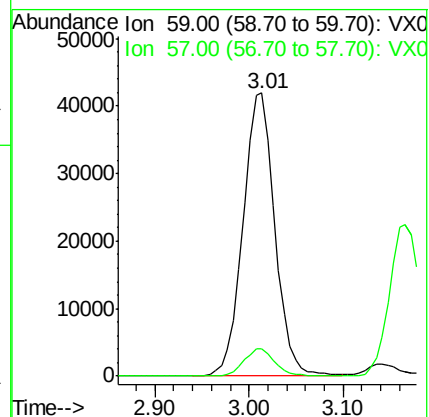
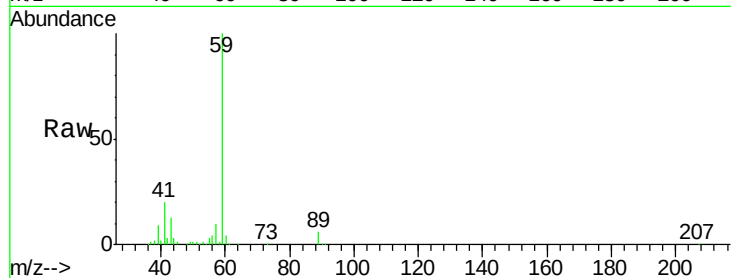
VSTDIC020

Tgt Ion: 59 Resp: 99215

Ion Ratio Lower Upper

59 100

57 9.4 7.8 11.8



#12

1,1-Dichloroethene

Concen: 19.539 ug/l

RT: 2.35 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

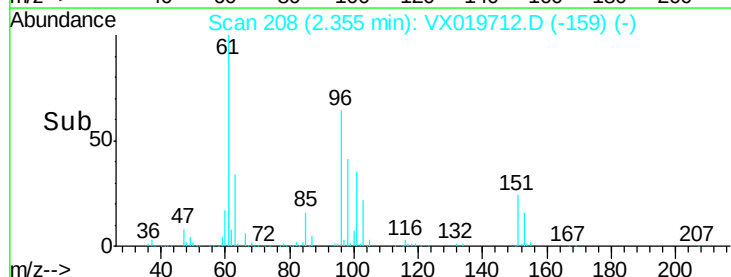
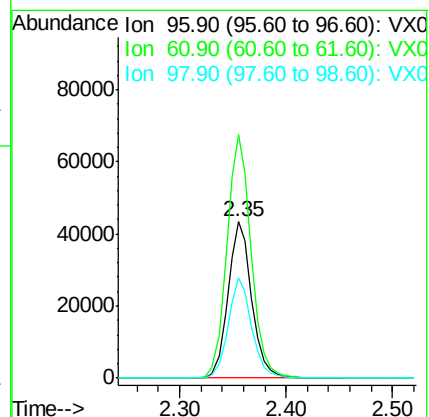
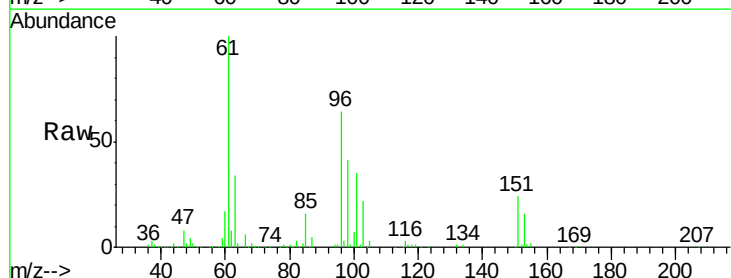
Tgt Ion: 96 Resp: 67193

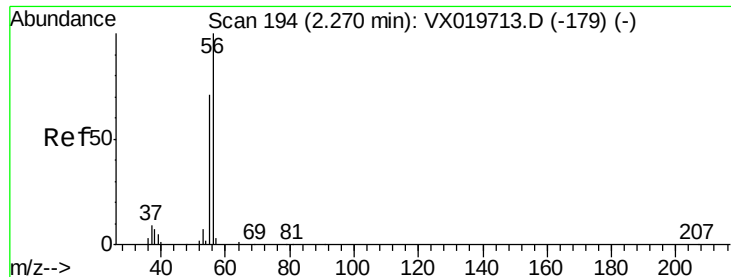
Ion Ratio Lower Upper

96 100

61 155.8 124.6 187.0

98 64.3 50.6 76.0





#13

Acrolein

Concen: 80.494 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

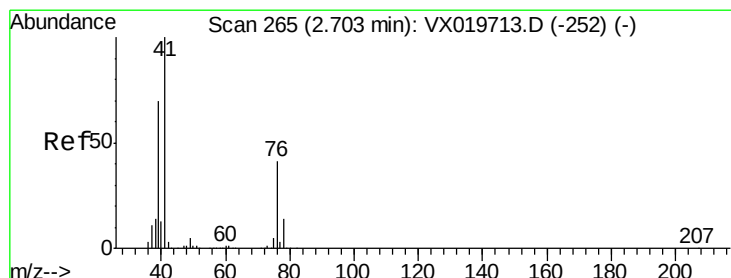
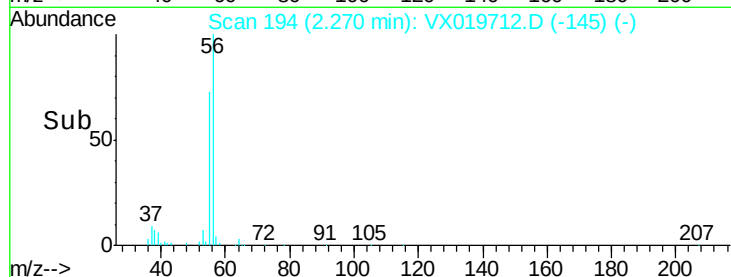
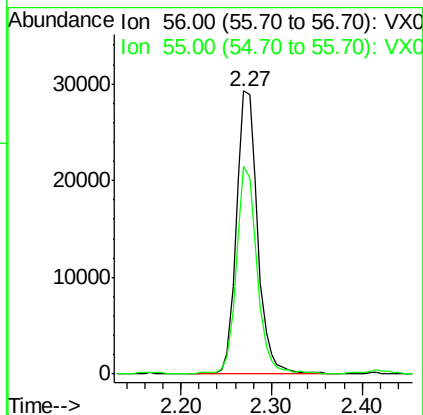
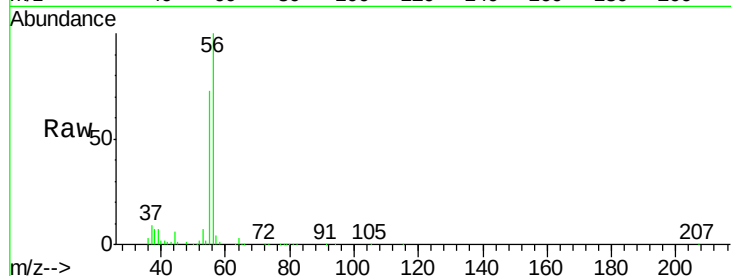
VSTDIC020

Tgt Ion: 56 Resp: 47096

Ion Ratio Lower Upper

56 100

55 71.6 56.4 84.6



#14

Allyl chloride

Concen: 19.804 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

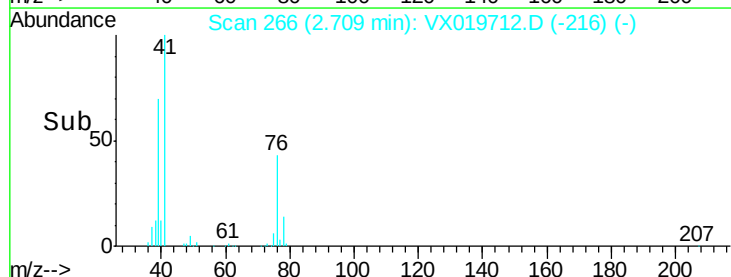
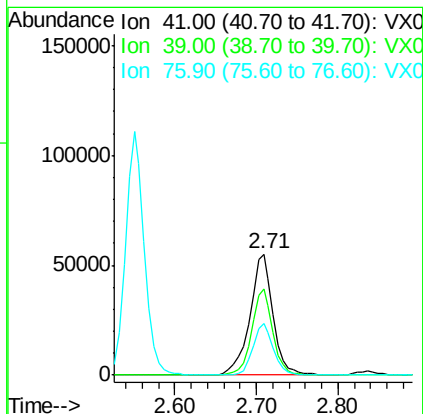
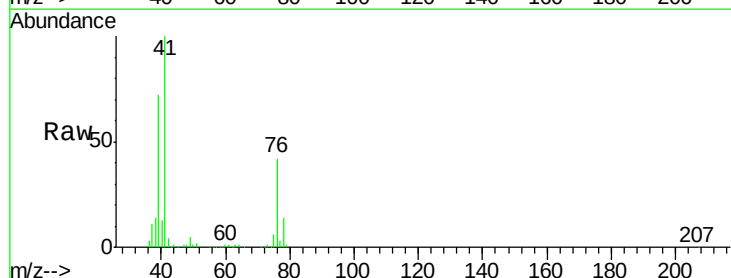
Tgt Ion: 41 Resp: 109503

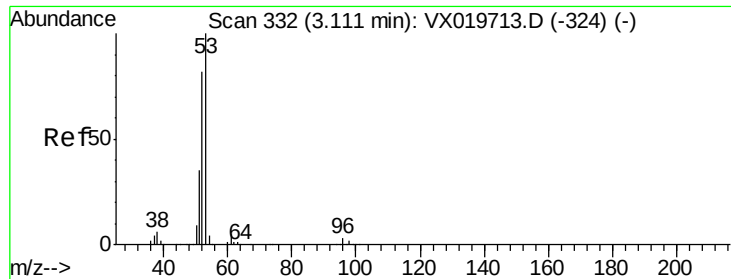
Ion Ratio Lower Upper

41 100

39 65.2 51.6 77.4

76 37.7 30.5 45.7





#15

Acrylonitrile

Concen: 101.952 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

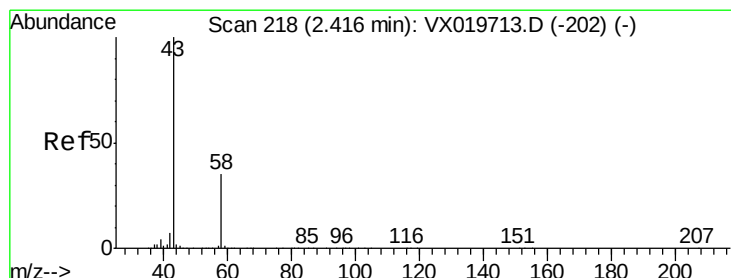
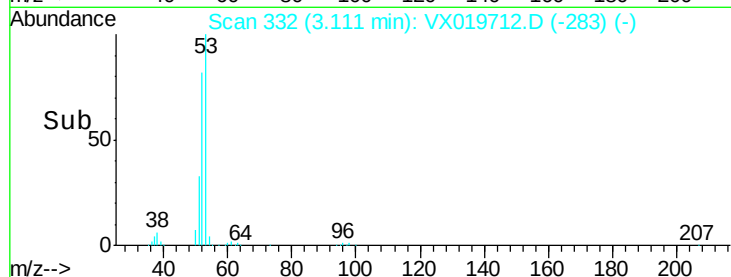
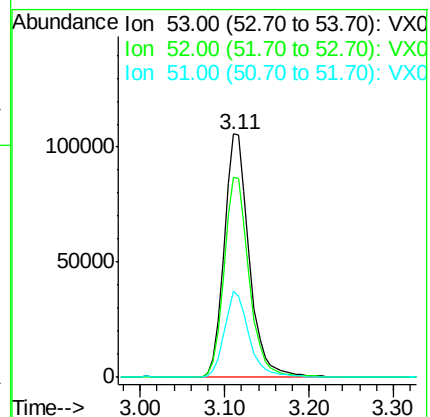
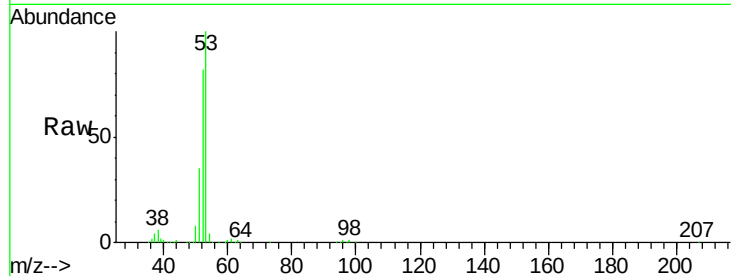
Tgt Ion: 53 Resp: 216860

Ion Ratio Lower Upper

53 100

52 82.1 65.3 97.9

51 35.1 28.2 42.2



#16

Acetone

Concen: 97.735 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019712.D

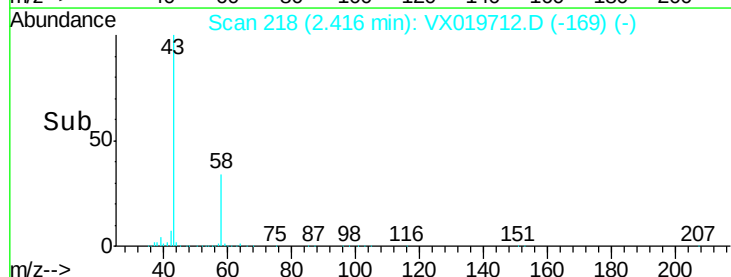
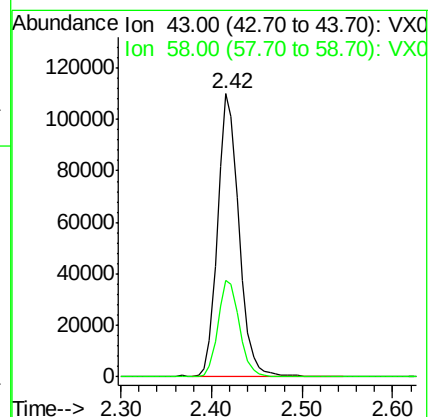
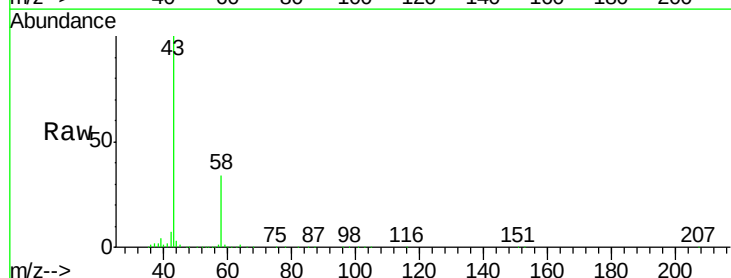
Acq: 04 Dec 2020 11:36

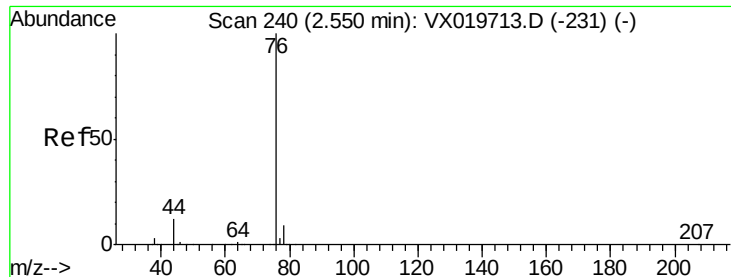
Tgt Ion: 43 Resp: 180684

Ion Ratio Lower Upper

43 100

58 33.9 27.8 41.8





#17

Carbon Disulfide

Concen: 19.196 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

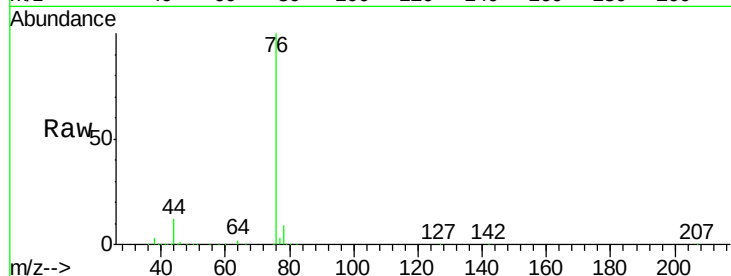
VSTDIC020

Tgt Ion: 76 Resp: 179068

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

120000

100000

80000

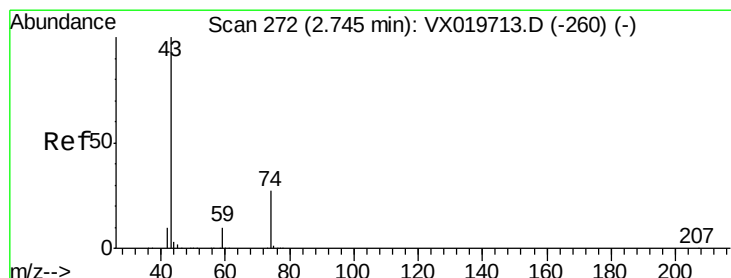
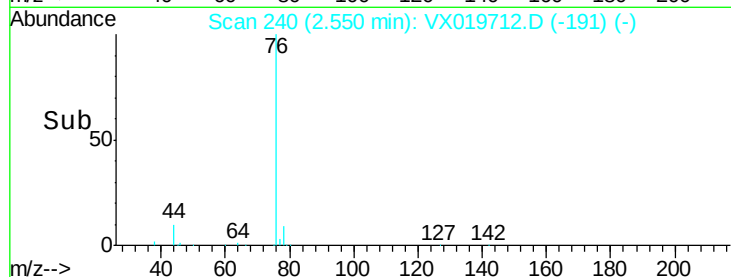
60000

40000

20000

0

Time-->



#18

Methyl Acetate

Concen: 19.035 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019712.D

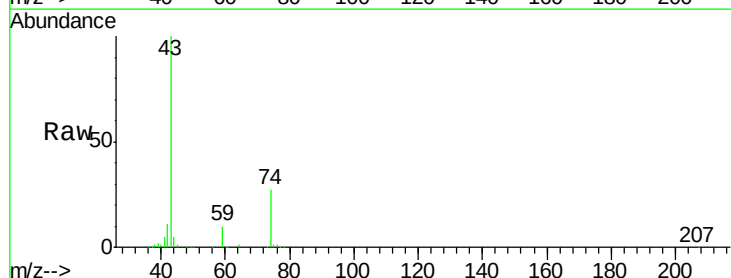
Acq: 04 Dec 2020 11:36

Tgt Ion: 43 Resp: 88401

Ion Ratio Lower Upper

43 100

74 27.5 21.9 32.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

50000

40000

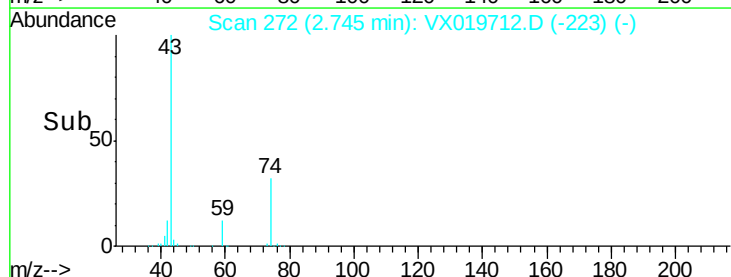
30000

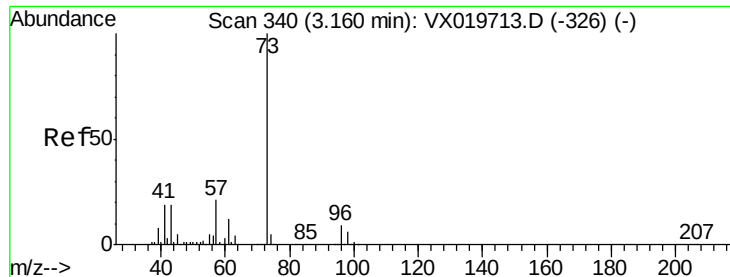
20000

10000

0

Time-->



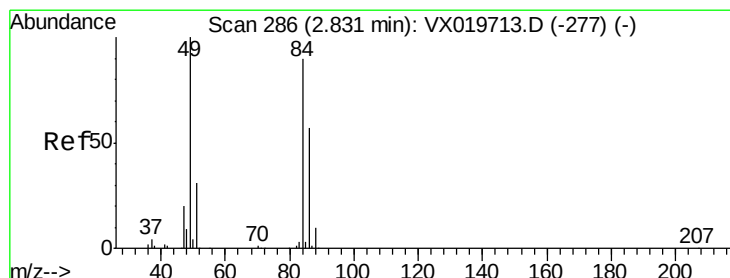
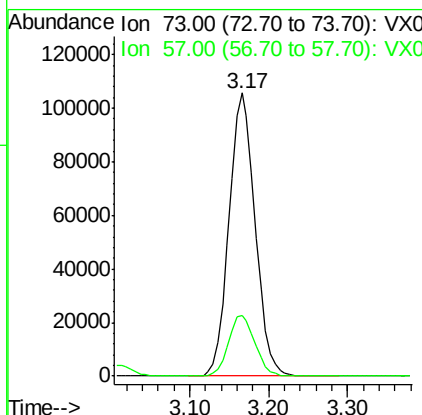
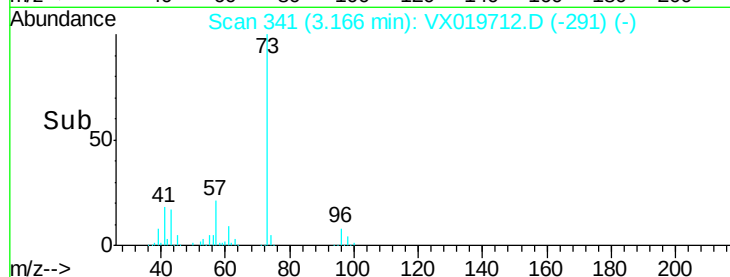
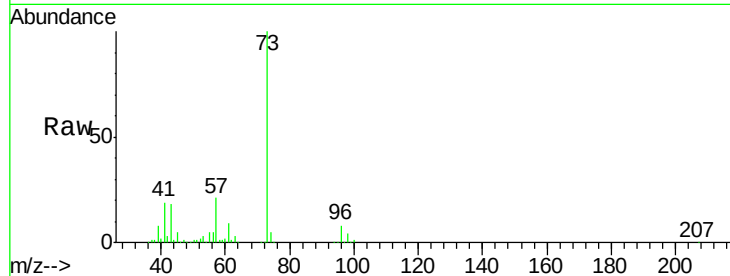


#19

Methyl tert-butyl Ether
 Concen: 20.001 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

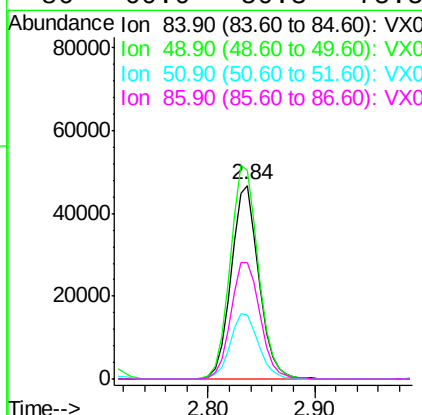
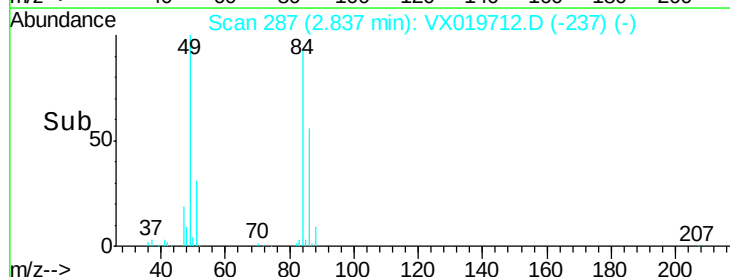
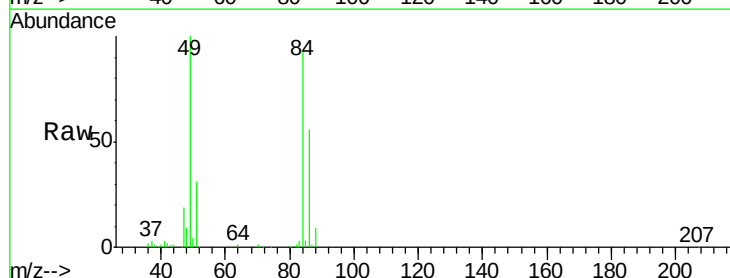
Tgt Ion: 73 Resp: 242502
 Ion Ratio Lower Upper
 73 100
 57 21.3 17.1 25.7

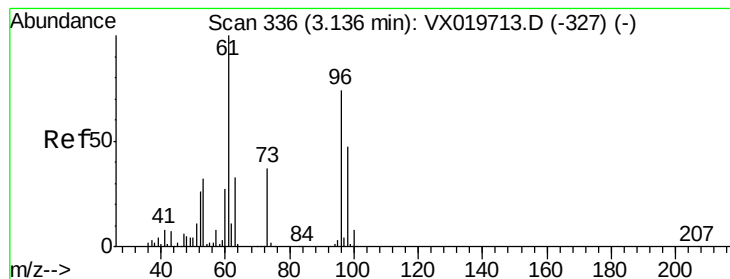


#20

Methylene Chloride
 Concen: 18.133 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion: 84 Resp: 85643
 Ion Ratio Lower Upper
 84 100
 49 107.9 88.6 132.8
 51 33.2 27.0 40.6
 86 60.0 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 19.954 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

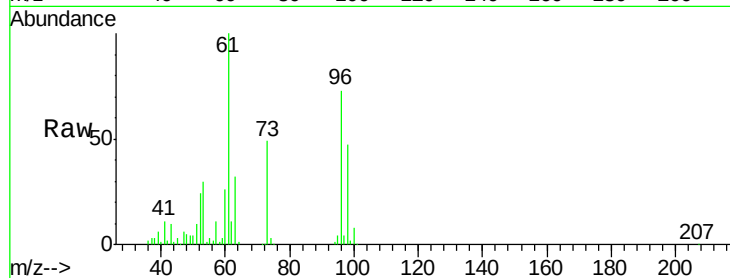
Tgt Ion: 96 Resp: 77538

Ion Ratio Lower Upper

96 100

61 137.2 107.7 161.5

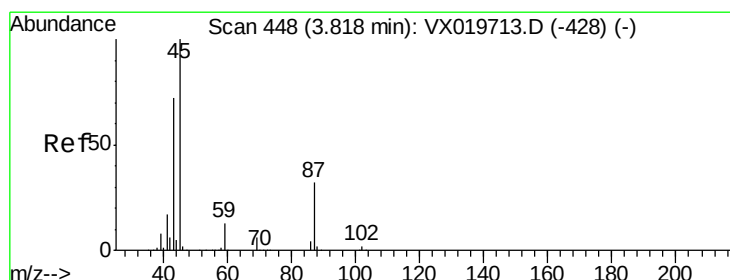
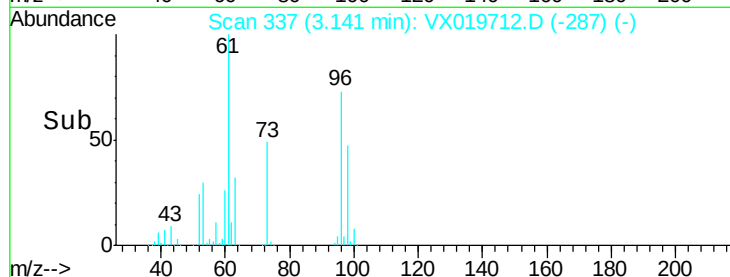
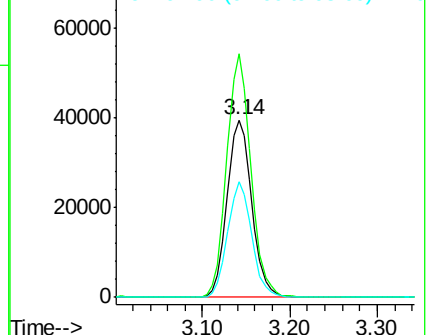
98 65.0 50.4 75.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.971 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Tgt Ion: 45 Resp: 228639

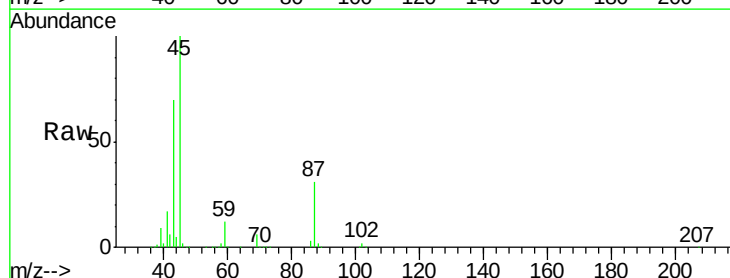
Ion Ratio Lower Upper

45 100

43 70.3 58.0 87.0

87 30.7 25.4 38.0

59 12.2 10.2 15.2

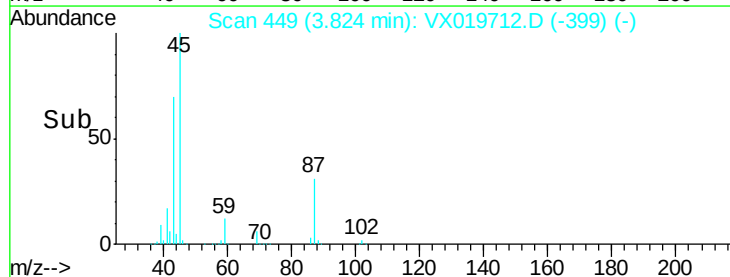
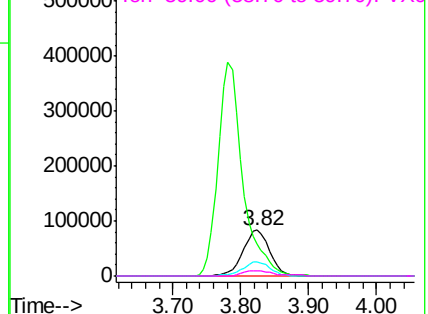


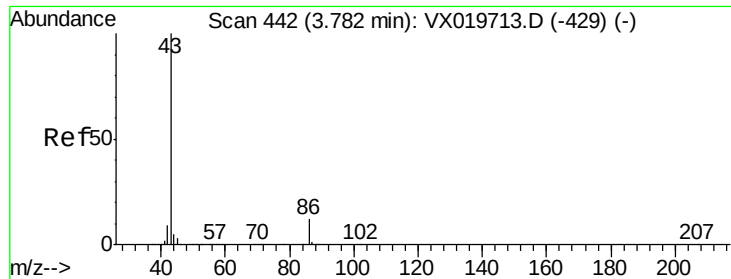
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 101.950 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

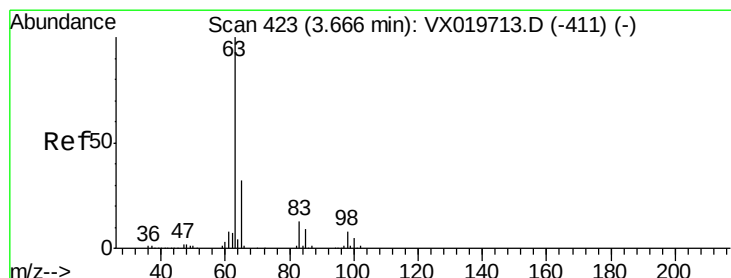
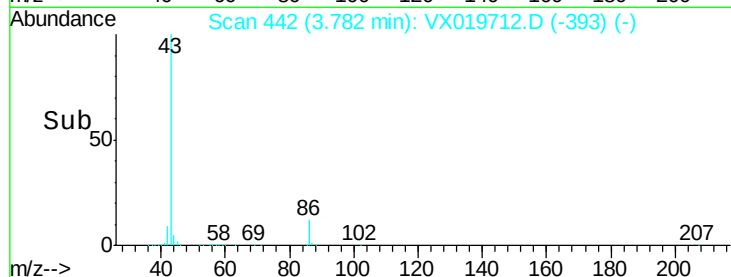
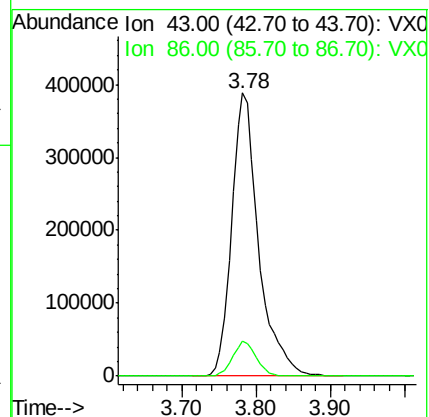
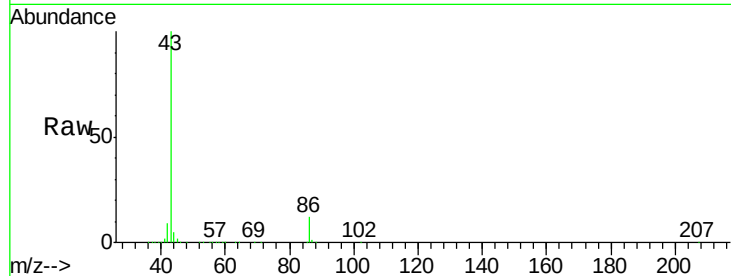
VSTDIC020

Tgt Ion: 43 Resp: 982835

Ion Ratio Lower Upper

43 100

86 12.2 9.9 14.9



#24

1,1-Dichloroethane

Concen: 19.745 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

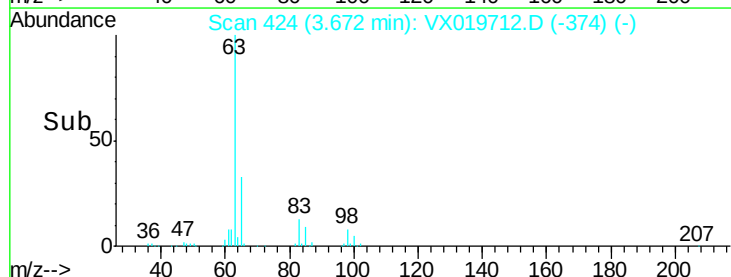
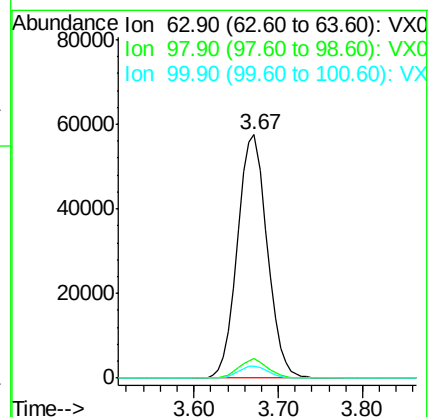
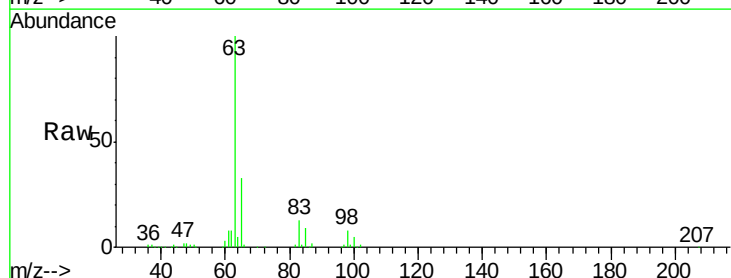
Tgt Ion: 63 Resp: 136947

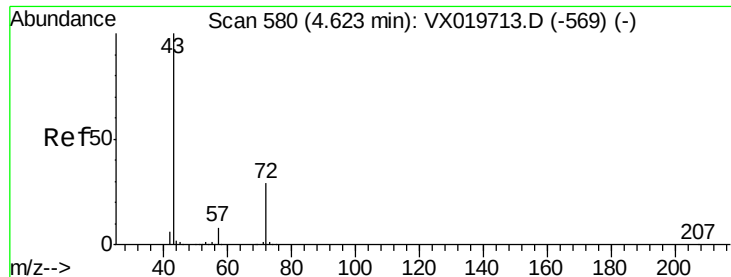
Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.2

100 4.9 2.5 7.5





#25

2-Butanone

Concen: 101.693 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

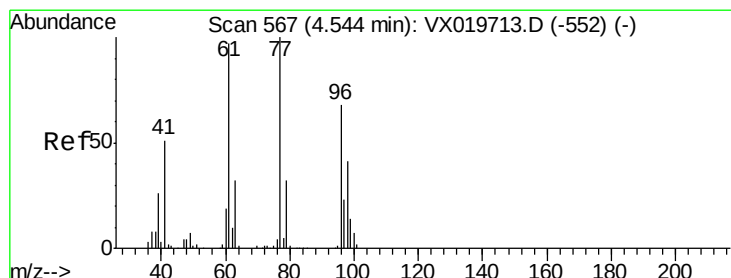
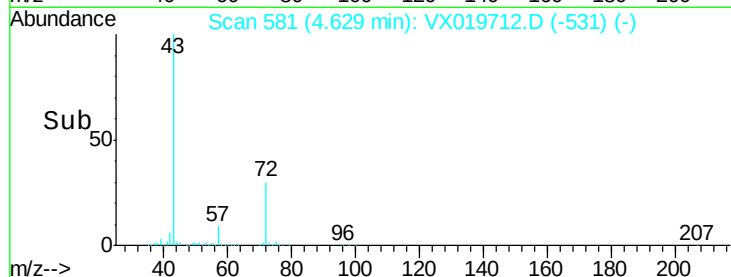
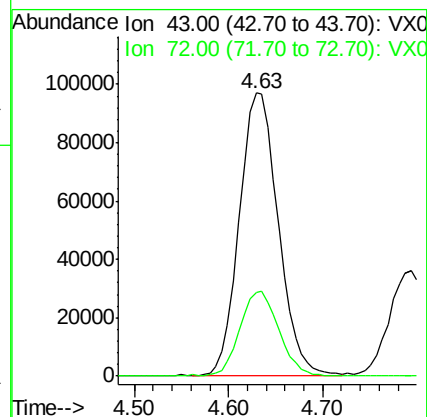
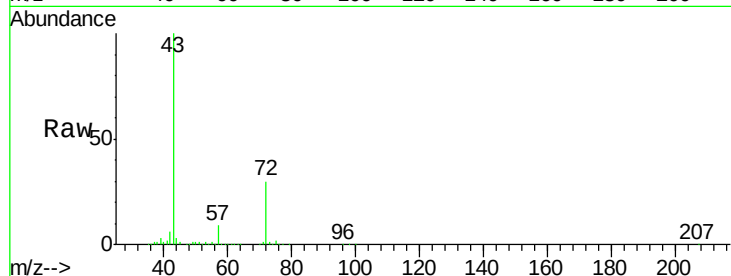
VSTDIC020

Tgt Ion: 43 Resp: 277858

Ion Ratio Lower Upper

43 100

72 29.5 23.7 35.5



#26

2,2-Dichloropropane

Concen: 20.057 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019712.D

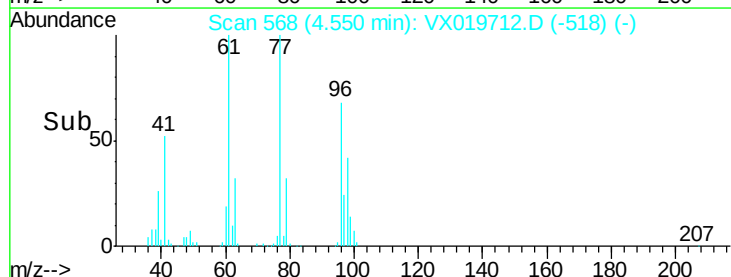
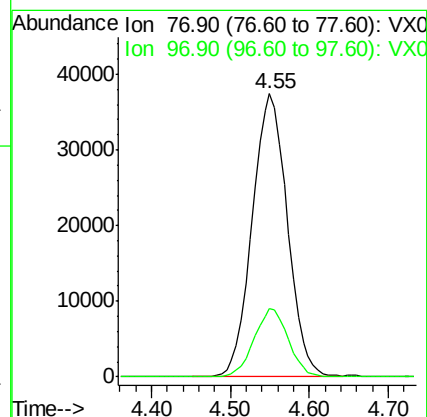
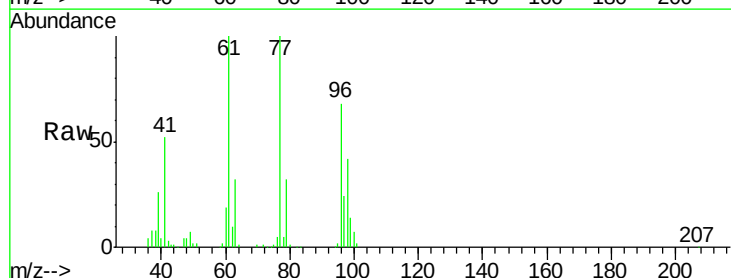
Acq: 04 Dec 2020 11:36

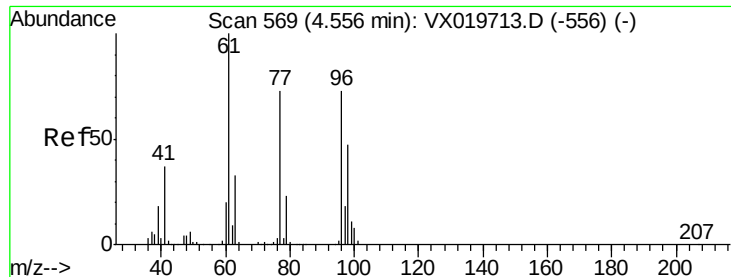
Tgt Ion: 77 Resp: 116121

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.1

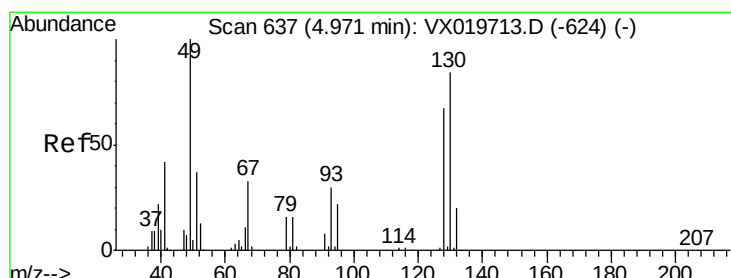
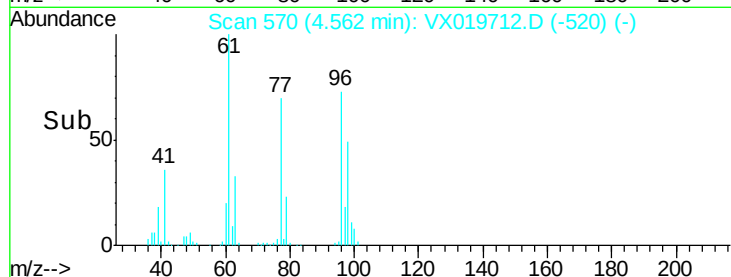
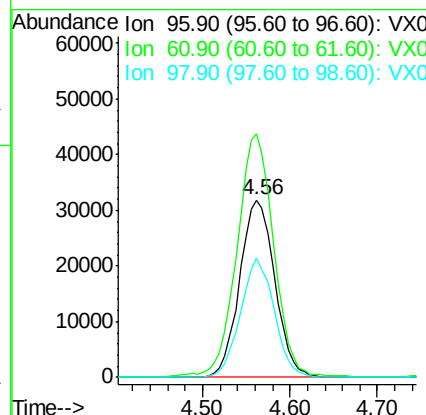
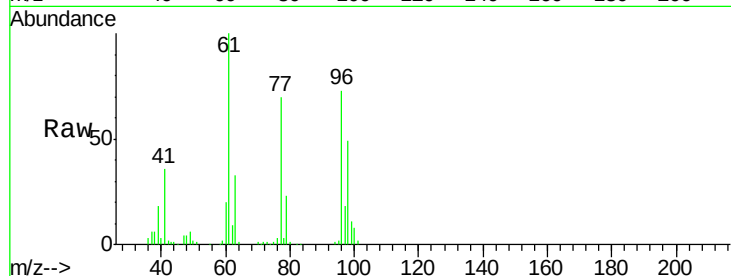




#27
 cis-1,2-Dichloroethene
 Concen: 19.690 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

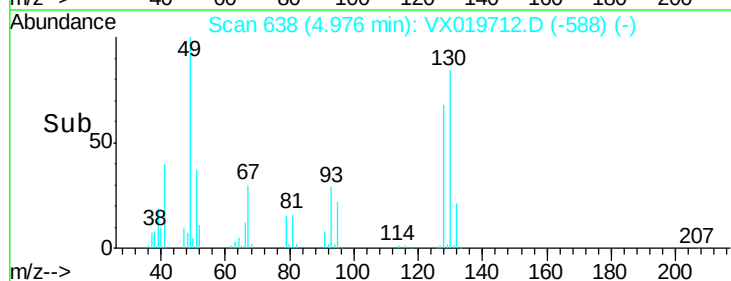
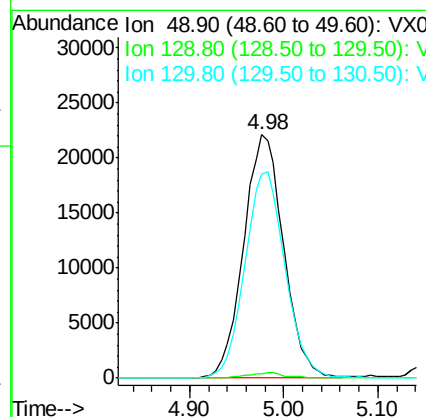
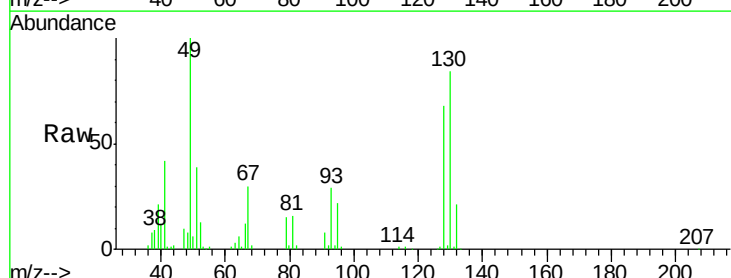
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

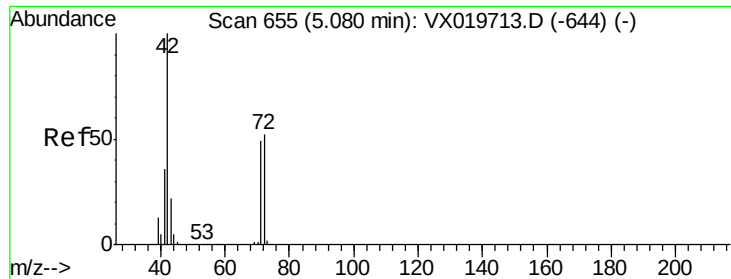
Tgt Ion: 96 Resp: 89135
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 285.6
 98 64.4 0.0 129.6



#28
 Bromochloromethane
 Concen: 20.824 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. 0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion: 49 Resp: 65833
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.0
 130 85.2 68.2 102.2

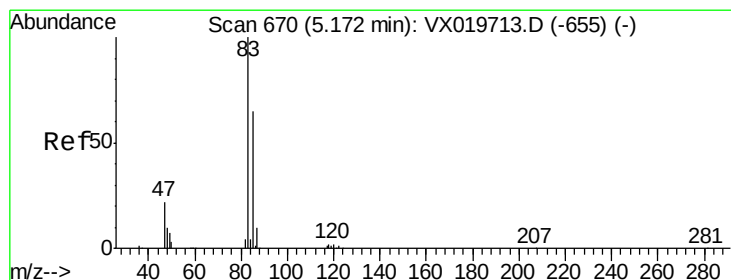
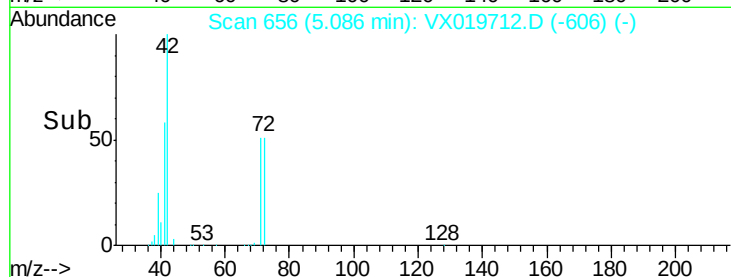
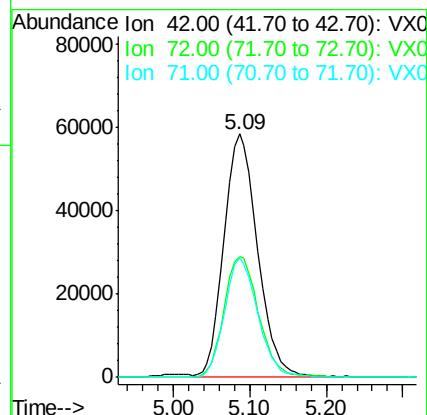
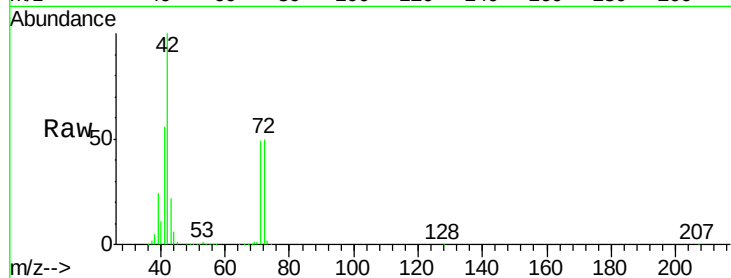




#29
Tetrahydrofuran
Concen: 101.291 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

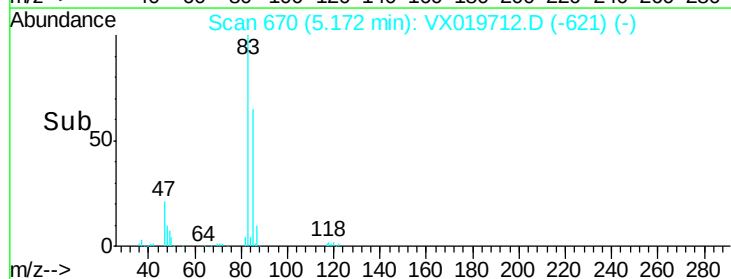
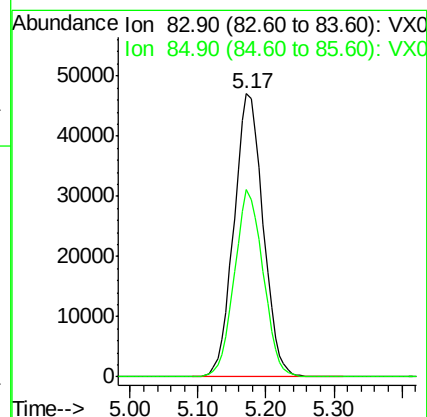
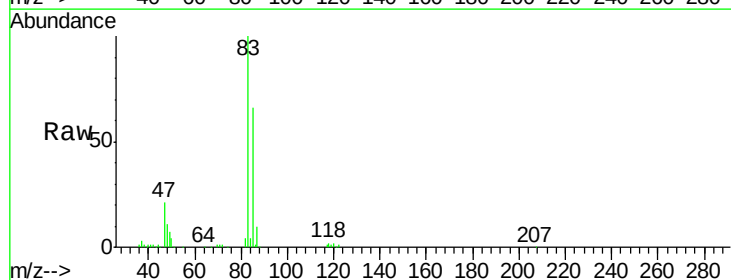
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

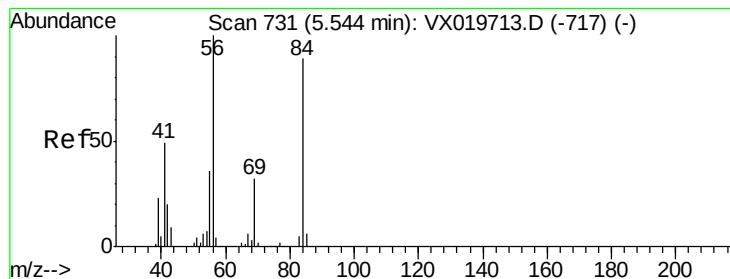
Tgt Ion: 42 Resp: 176996
Ion Ratio Lower Upper
42 100
72 52.1 41.7 62.5
71 48.8 38.4 57.6



#30
Chloroform
Concen: 19.632 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion: 83 Resp: 139870
Ion Ratio Lower Upper
83 100
85 66.1 52.0 78.0





#31

Cyclohexane

Concen: 19.490 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

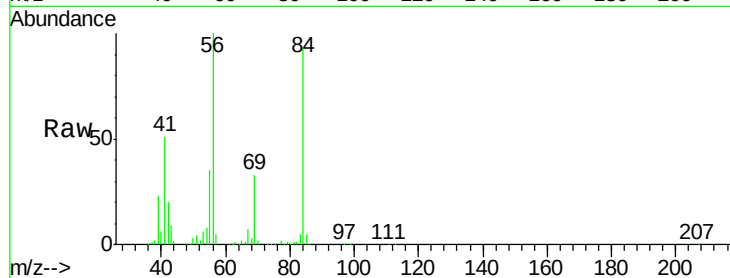
Tgt Ion: 56 Resp: 118181

Ion Ratio Lower Upper

56 100

69 33.2 25.3 37.9

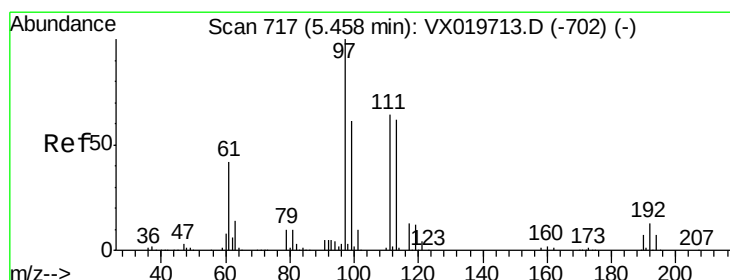
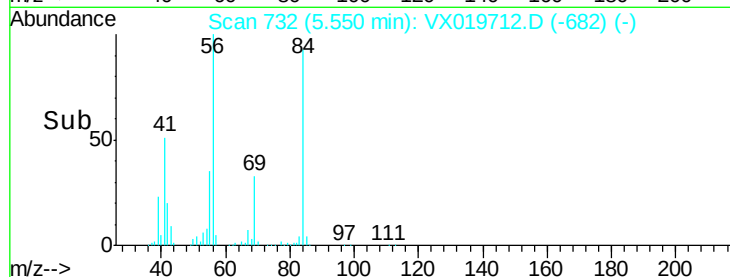
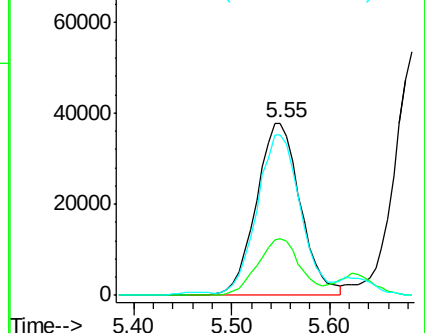
84 91.6 71.4 107.0



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



#32

1,1,1-Trichloroethane

Concen: 19.789 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

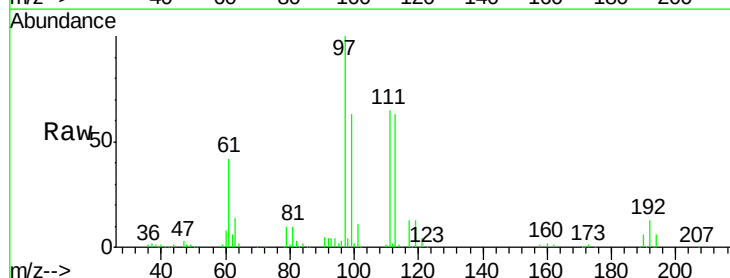
Tgt Ion: 97 Resp: 120375

Ion Ratio Lower Upper

97 100

99 63.9 51.5 77.3

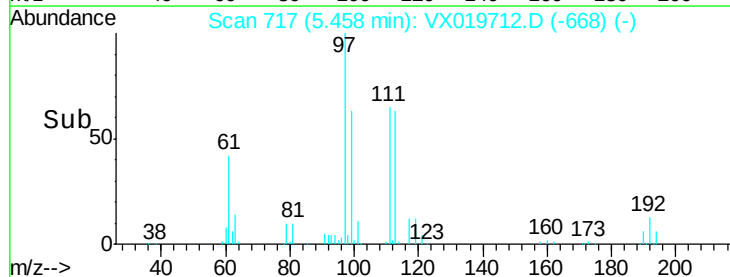
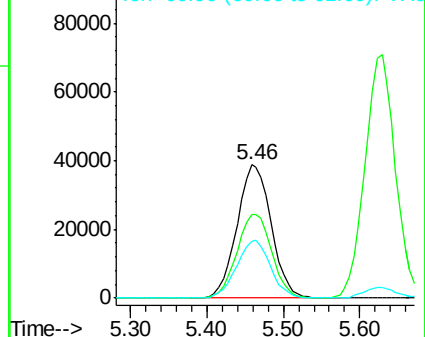
61 43.1 34.2 51.4

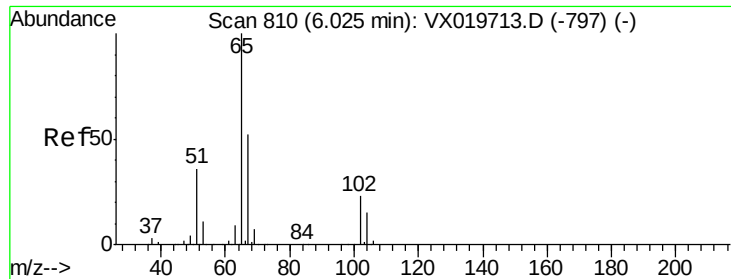


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

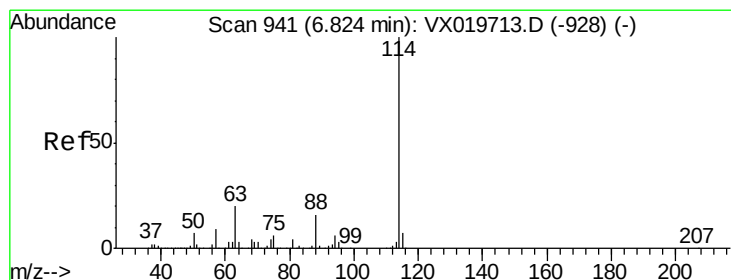
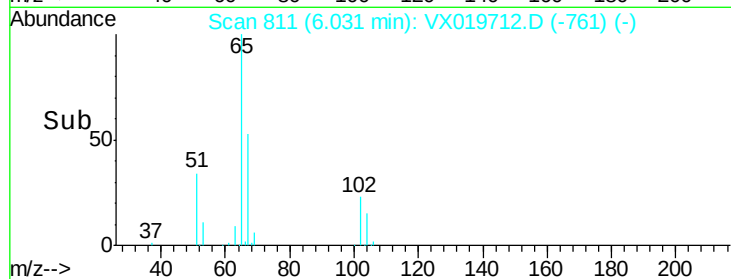
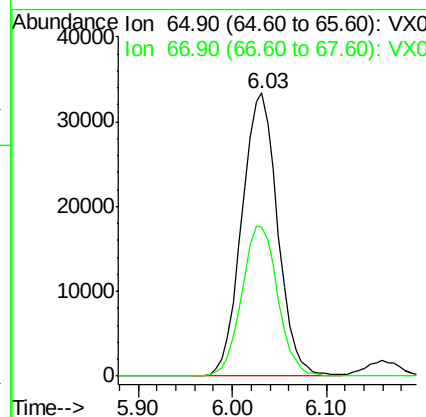
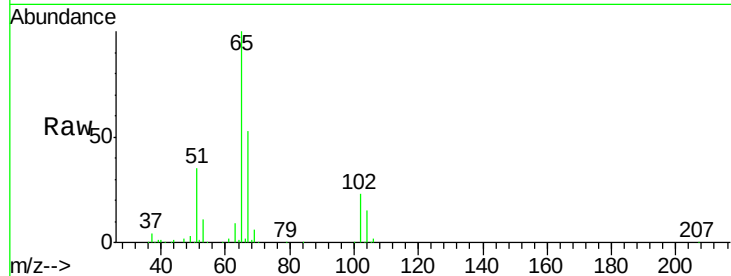




#33
 1,2-Dichloroethane-d4
 Concen: 19.341 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

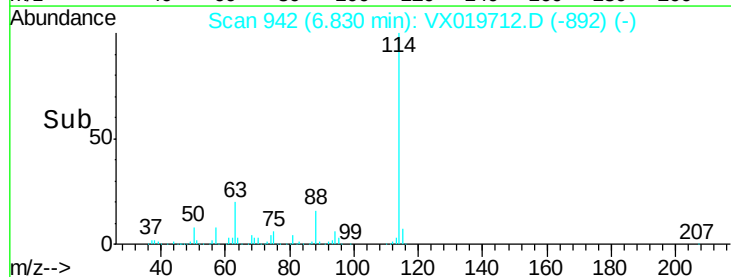
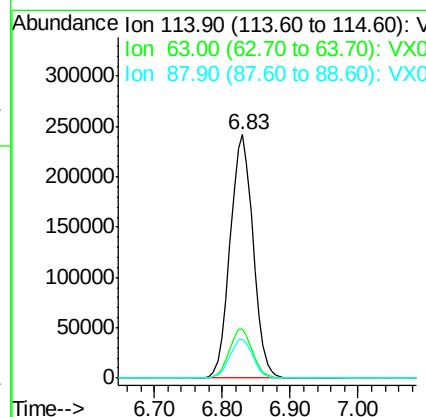
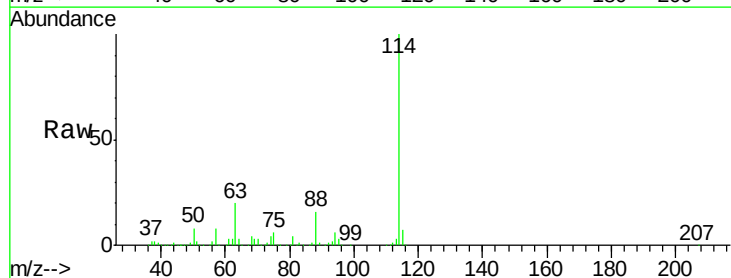
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

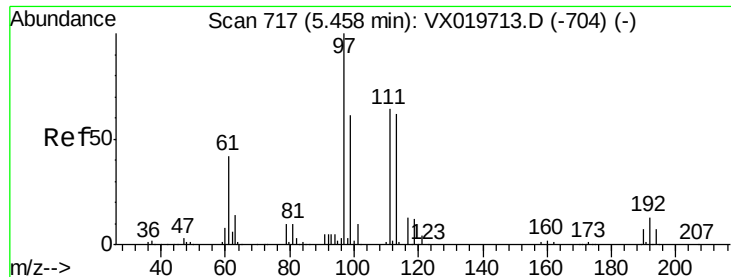
Tgt Ion: 65 Resp: 88750
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion: 114 Resp: 564503
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.1 0.0 32.8

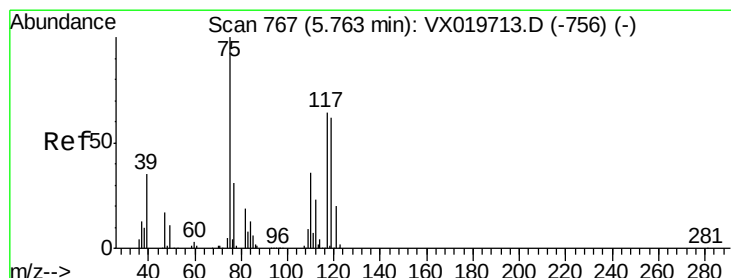
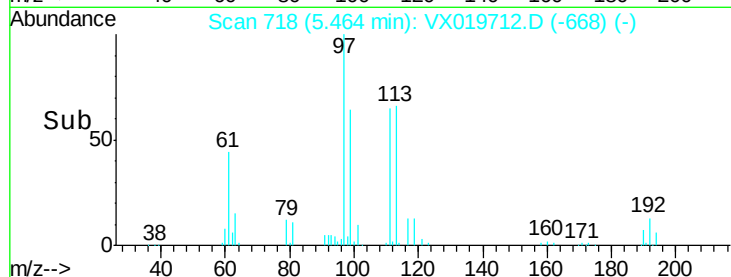
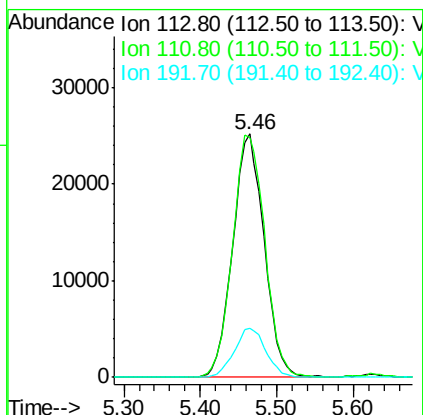
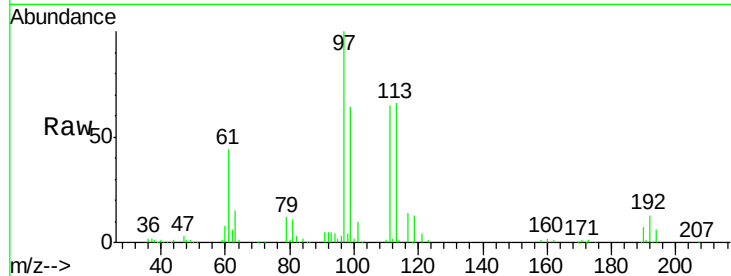




#35
 Dibromofluoromethane
 Concen: 19.389 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

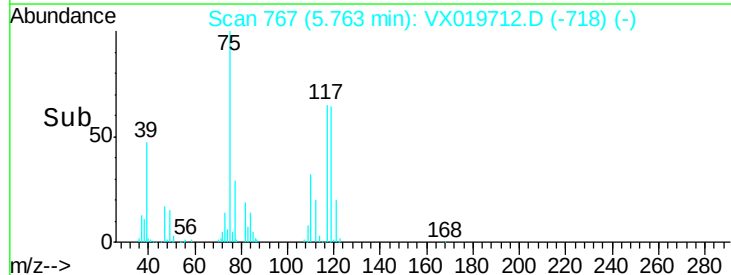
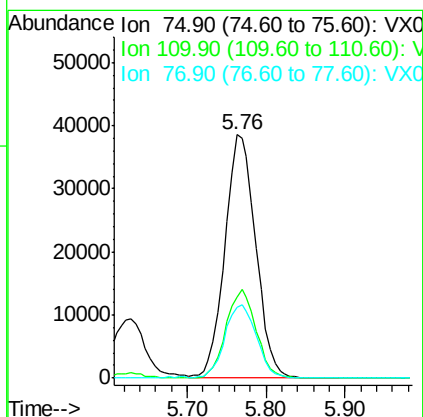
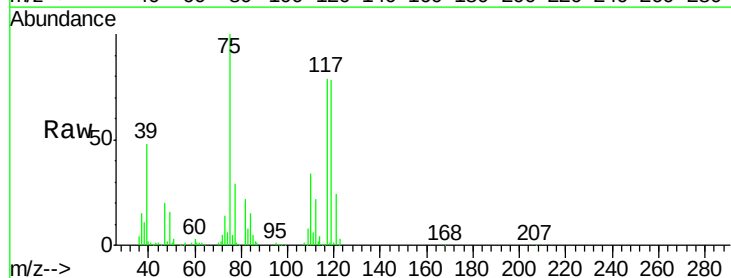
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

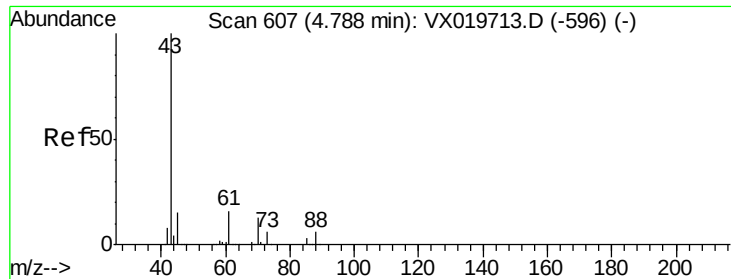
Tgt Ion: 113 Resp: 71699
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.9 122.9
 192 20.3 16.7 25.1



#36
 1,1-Dichloropropene
 Concen: 20.146 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion: 75 Resp: 105148
 Ion Ratio Lower Upper
 75 100
 110 35.5 18.1 54.4
 77 30.5 25.3 37.9

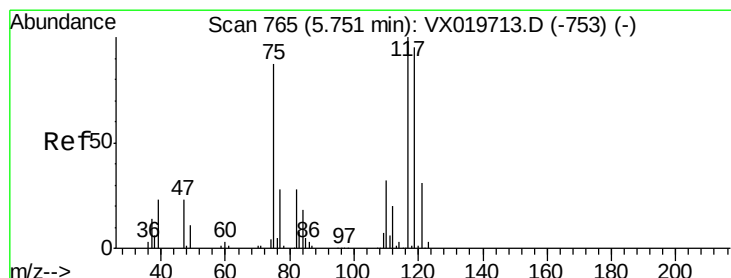
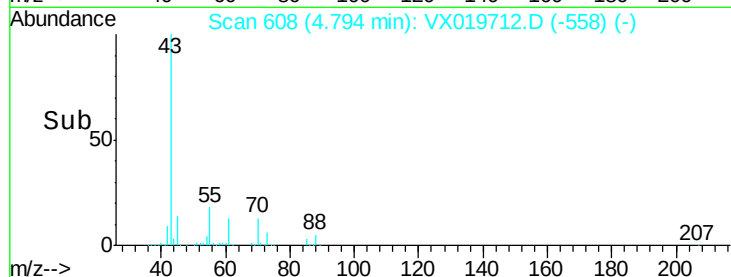
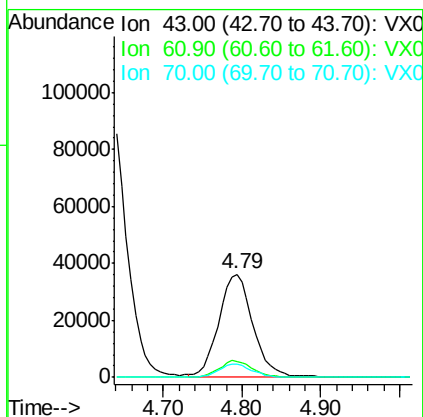
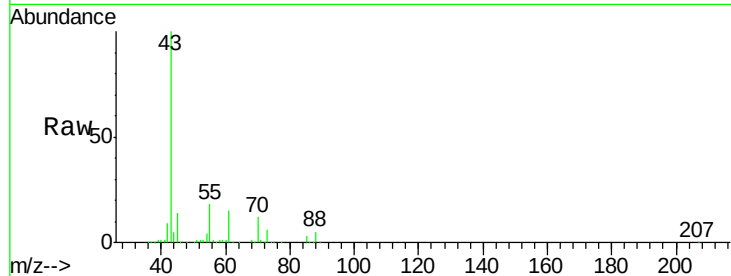




#37
Ethyl Acetate
Concen: 20.601 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

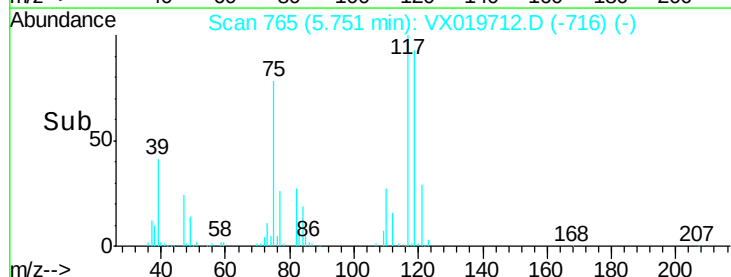
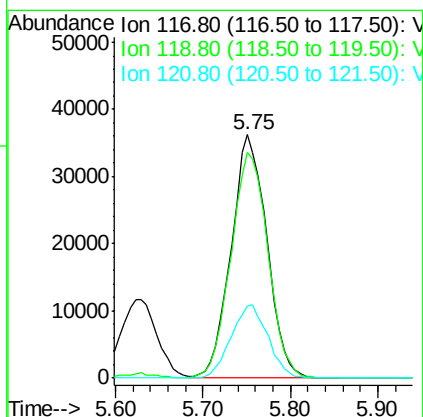
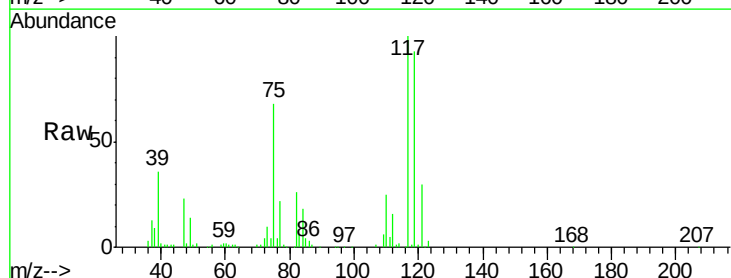
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

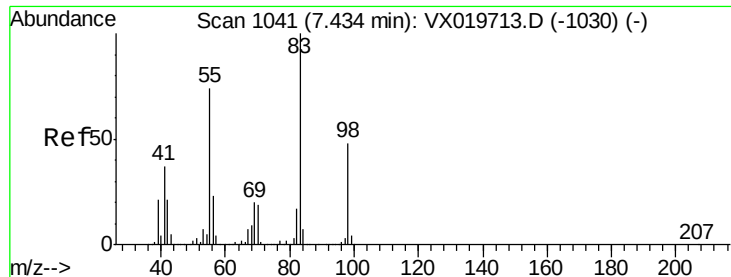
Tgt Ion: 43 Resp: 107678
Ion Ratio Lower Upper
43 100
61 16.0 12.8 19.2
70 12.7 10.5 15.7



#38
Carbon Tetrachloride
Concen: 19.860 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion: 117 Resp: 102926
Ion Ratio Lower Upper
117 100
119 92.9 76.2 114.2
121 29.8 24.8 37.2

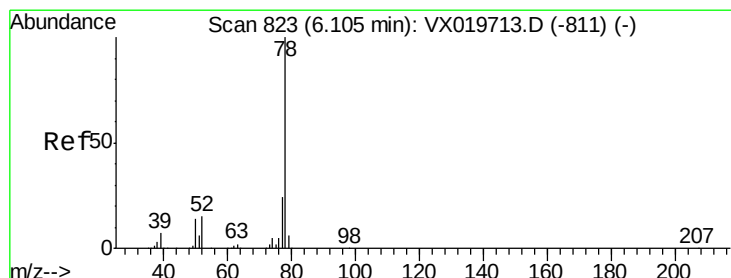
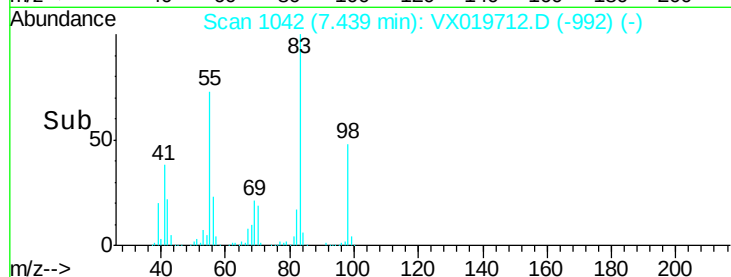
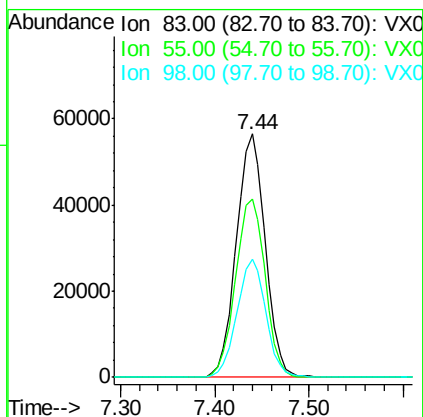
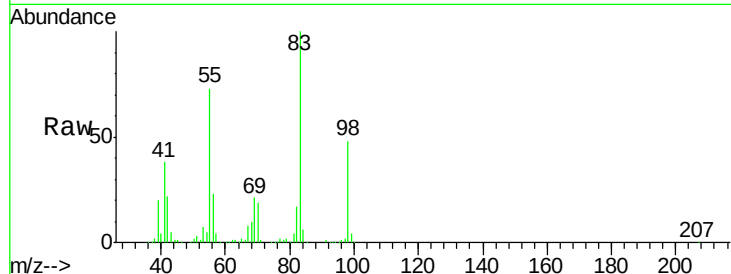




#39
Methylcyclohexane
Concen: 19.749 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

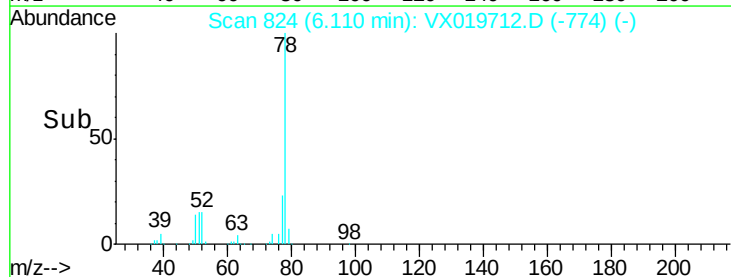
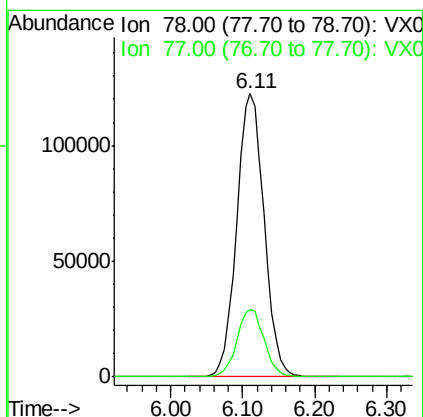
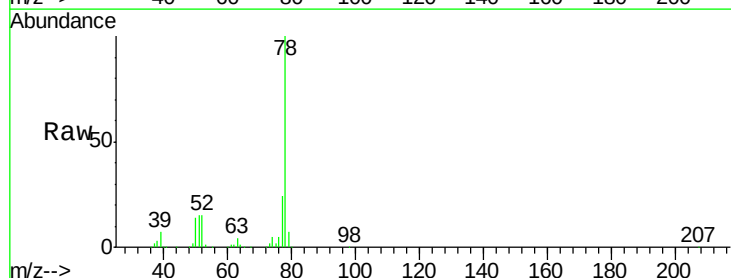
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

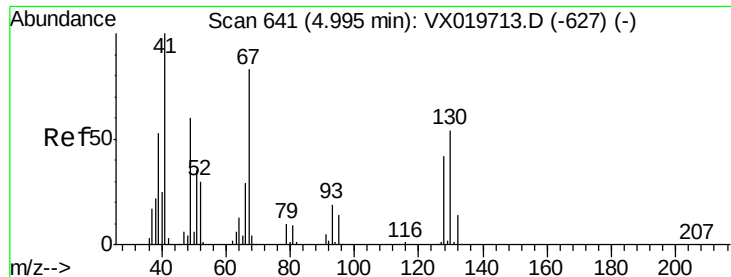
Tgt Ion: 83 Resp: 121146
Ion Ratio Lower Upper
83 100
55 73.3 58.9 88.3
98 48.4 38.1 57.1



#40
Benzene
Concen: 19.809 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion: 78 Resp: 322411
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

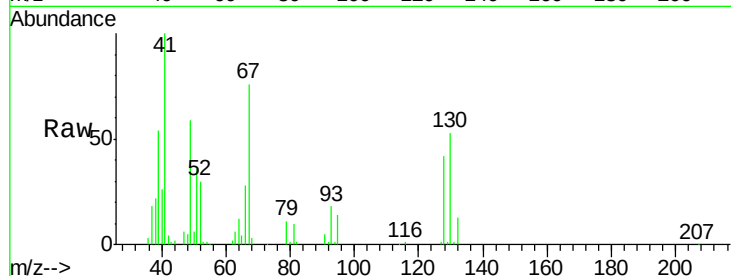




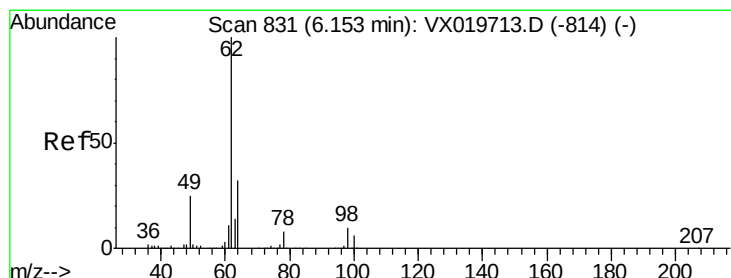
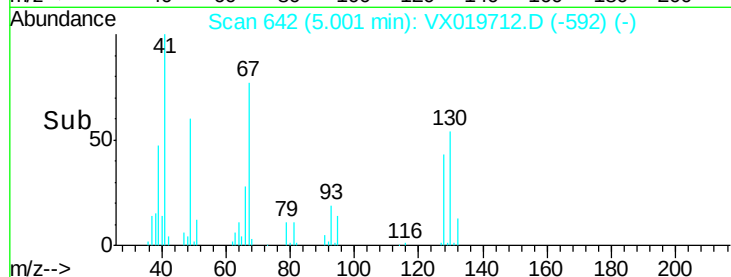
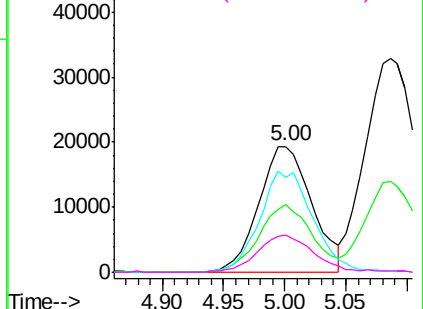
#41
Methacrylonitrile
Concen: 20.251 ug/l
RT: 5.00 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:	41	Resp:	58581
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.5	63.7
67	80.9	65.0	97.6
52	31.3	25.3	37.9

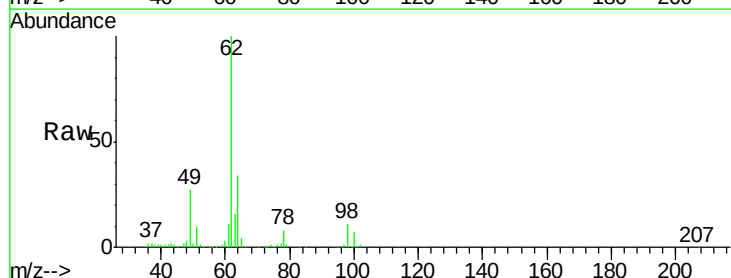


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

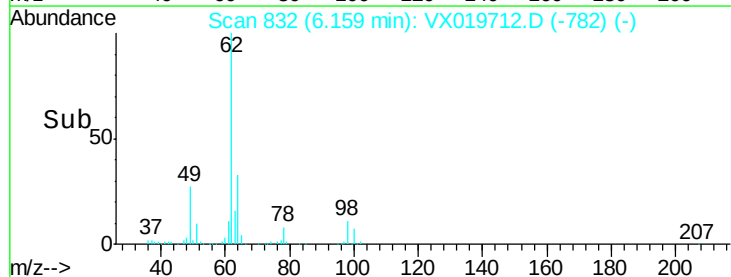
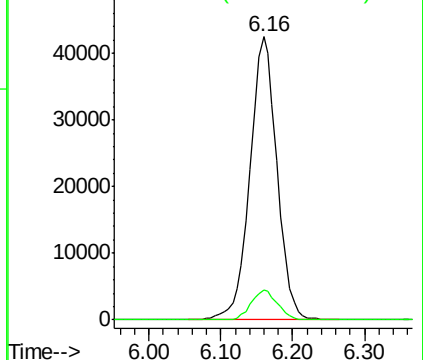


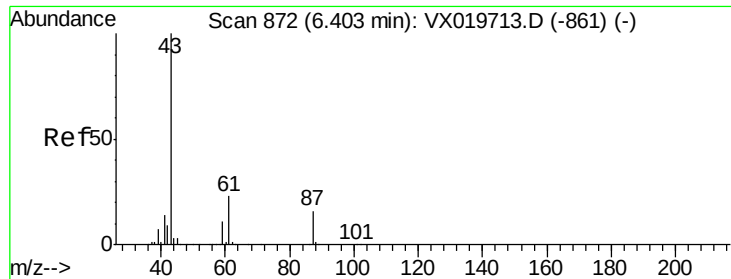
#42
1,2-Dichloroethane
Concen: 19.840 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion:	62	Resp:	110931
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.708 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

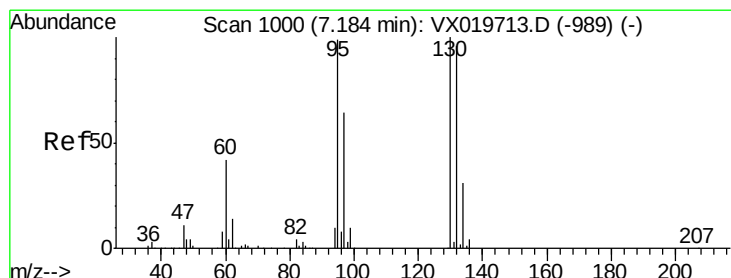
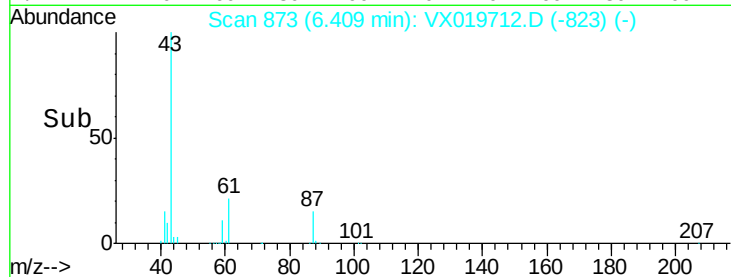
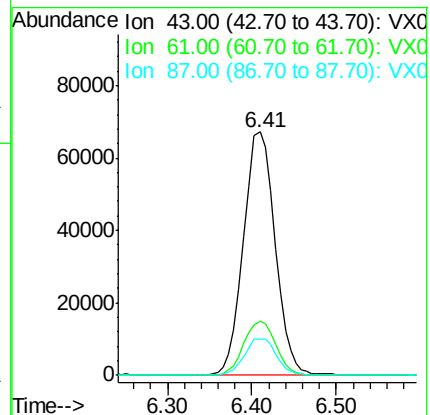
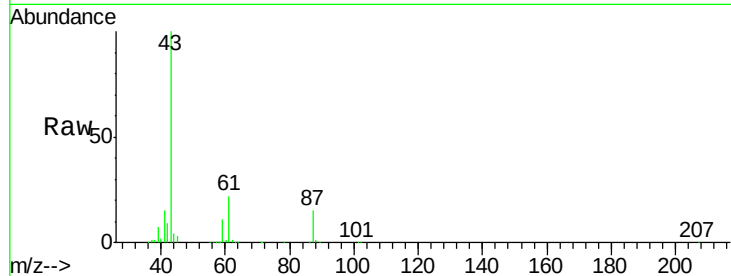
Tgt Ion: 43 Resp: 170540

Ion Ratio Lower Upper

43 100

61 22.8 18.2 27.4

87 15.2 12.5 18.7



#44

Trichloroethene

Concen: 19.301 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019712.D

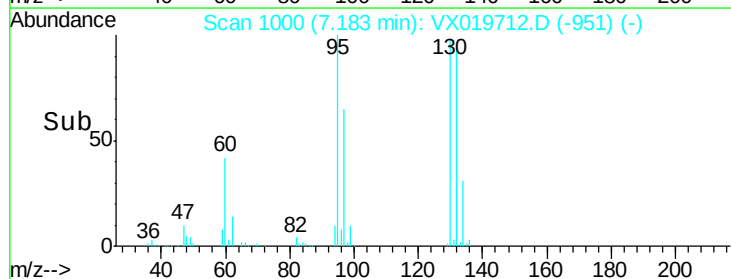
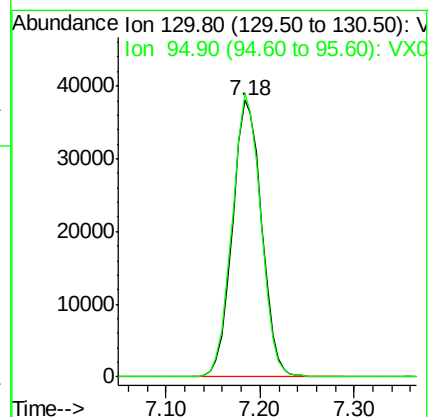
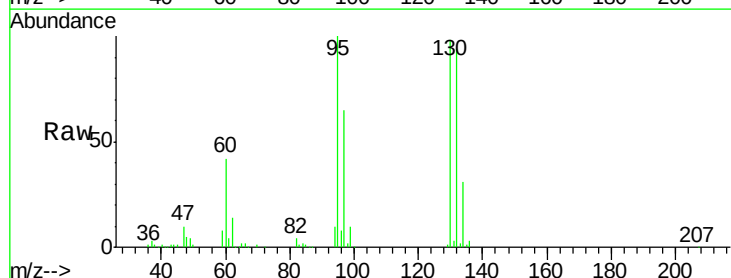
Acq: 04 Dec 2020 11:36

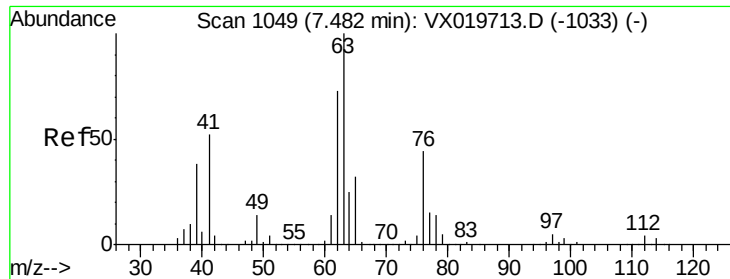
Tgt Ion: 130 Resp: 82046

Ion Ratio Lower Upper

130 100

95 102.4 0.0 198.0

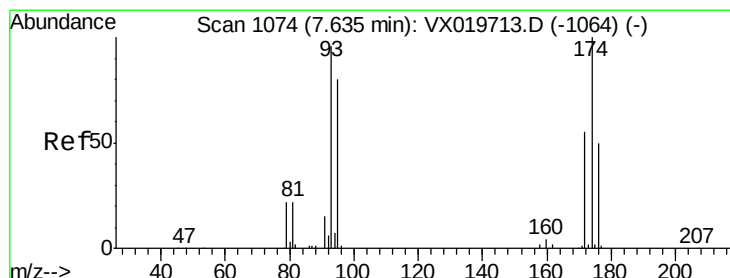
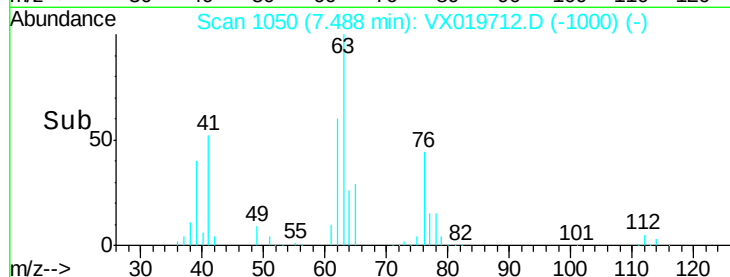
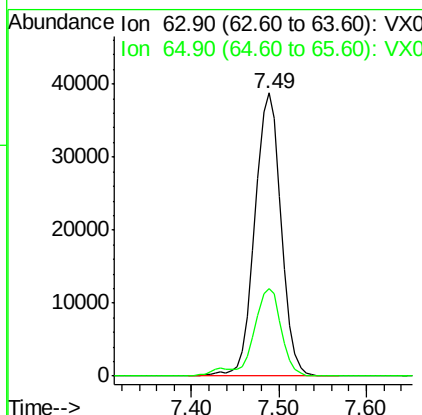
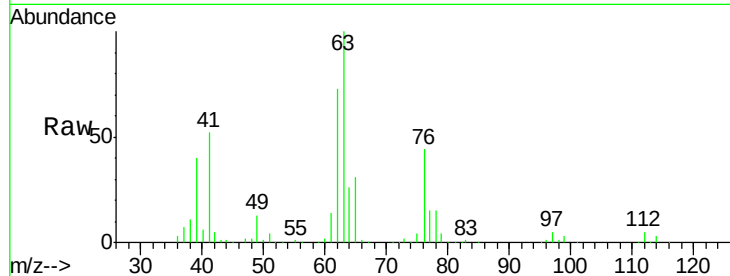




#45
 1,2-Dichloropropane
 Concen: 19.782 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

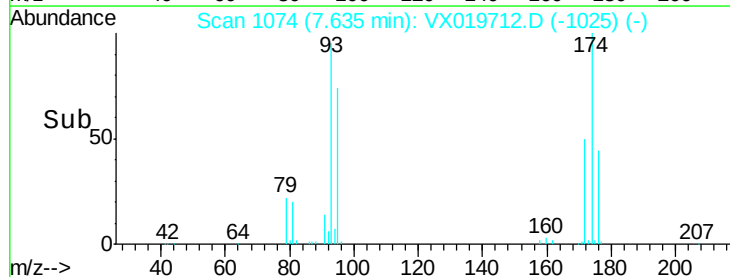
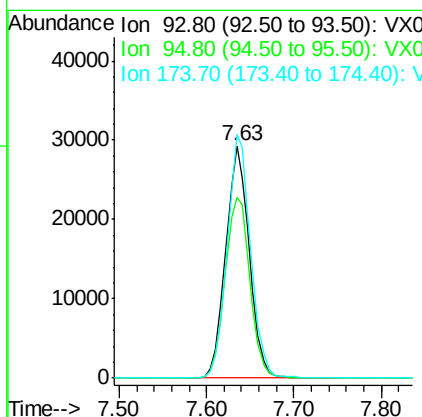
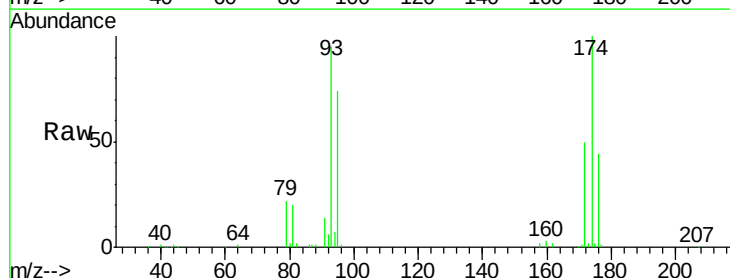
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

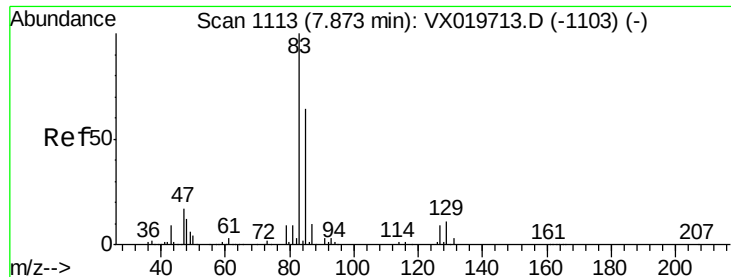
Tgt Ion: 63 Resp: 80979
 Ion Ratio Lower Upper
 63 100
 65 30.7 25.7 38.5



#46
 Dibromomethane
 Concen: 19.884 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion: 93 Resp: 54595
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.8 100.2
 174 104.5 83.1 124.7

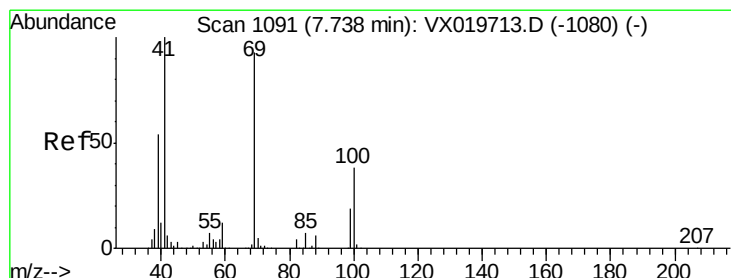
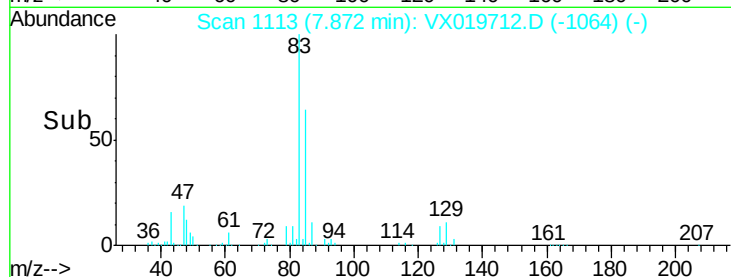
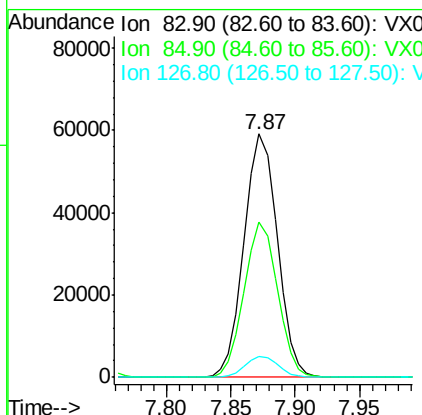
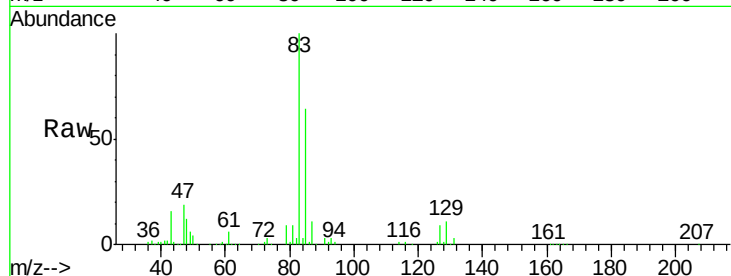




#47
Bromodichloromethane
Concen: 19.573 ug/l
RT: 7.87 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

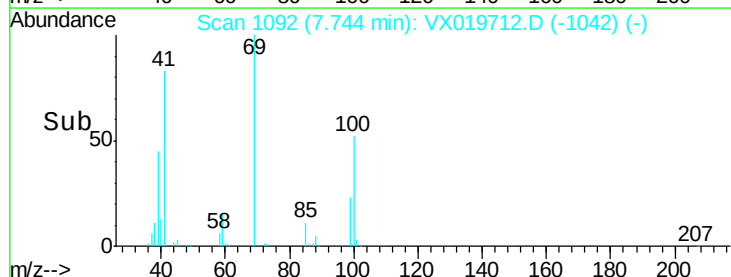
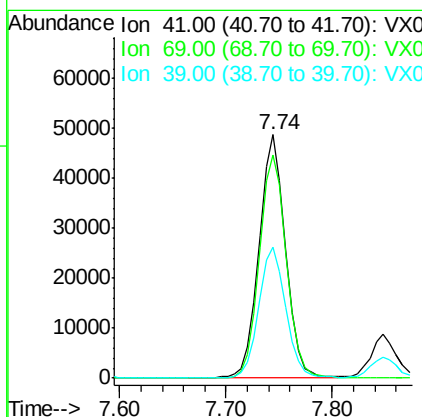
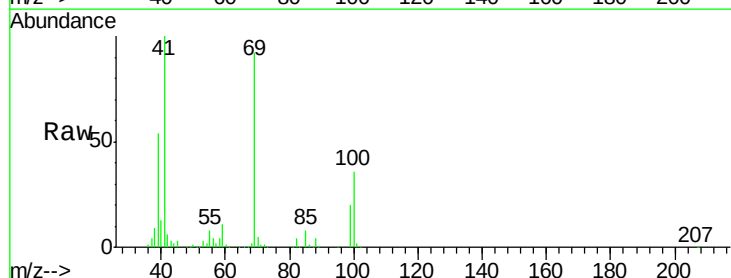
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

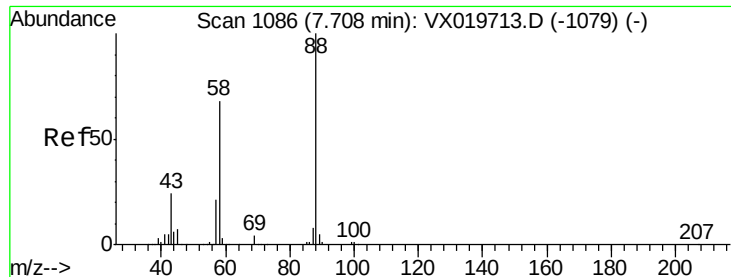
Tgt Ion: 83 Resp: 106525
Ion Ratio Lower Upper
83 100
85 63.7 51.4 77.0
127 8.5 6.8 10.2



#48
Methyl methacrylate
Concen: 19.897 ug/l
RT: 7.74 min Scan# 1092
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion: 41 Resp: 85103
Ion Ratio Lower Upper
41 100
69 93.6 76.0 114.0
39 55.2 44.6 67.0

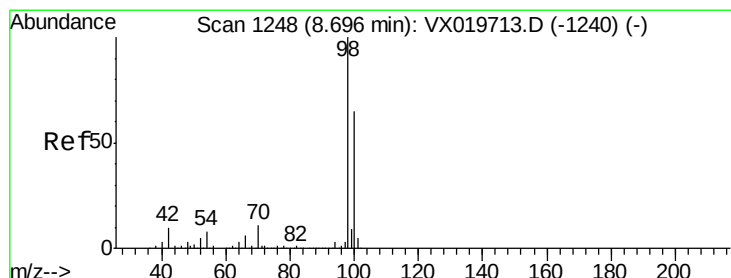
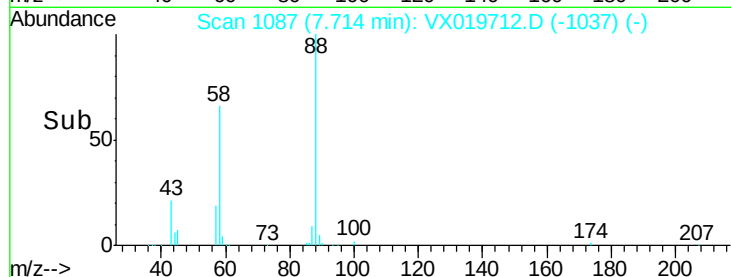
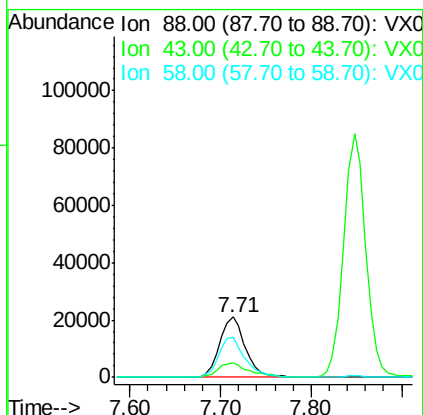
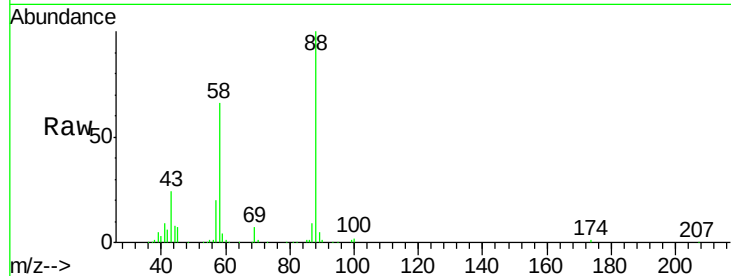




#49
1,4-Dioxane
Concen: 423.026 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

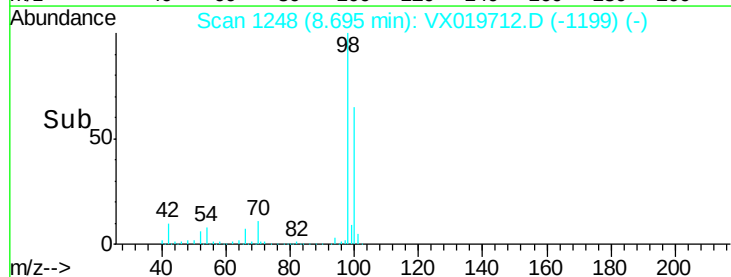
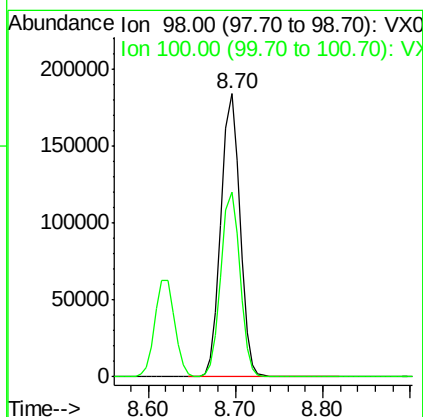
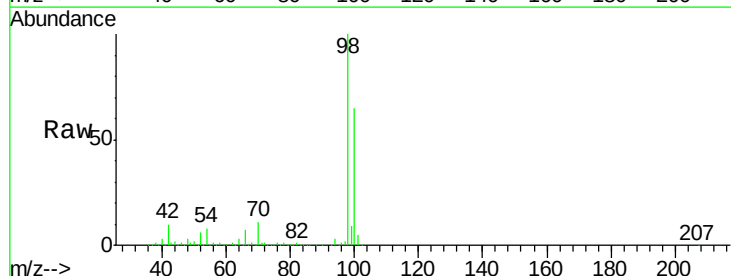
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

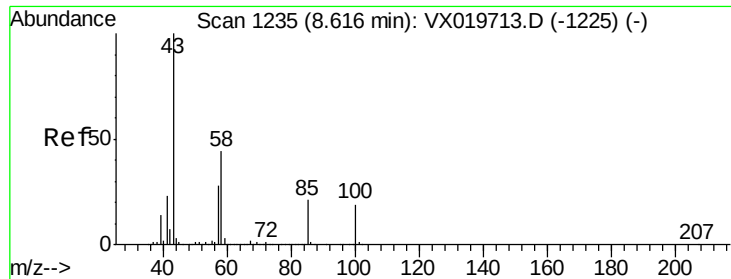
Tgt Ion: 88 Resp: 41590
Ion Ratio Lower Upper
88 100
43 28.8 23.2 34.8
58 69.1 55.0 82.4



#50
Toluene-d8
Concen: 19.604 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion: 98 Resp: 277692
Ion Ratio Lower Upper
98 100
100 65.8 51.9 77.9

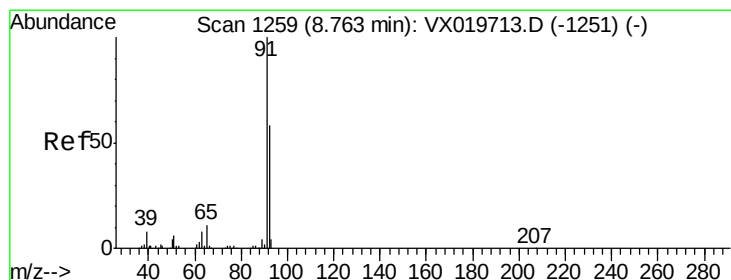
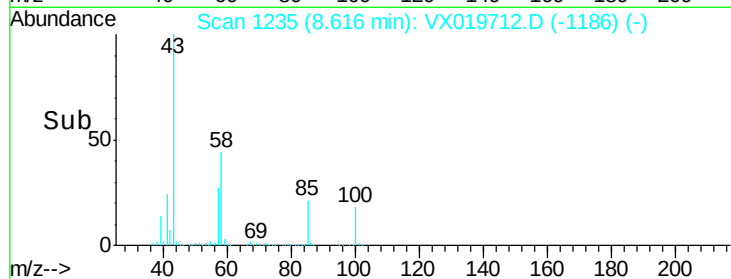
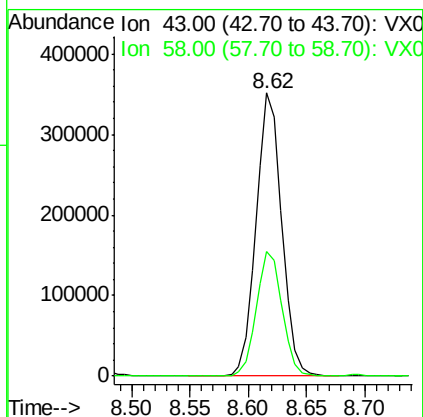
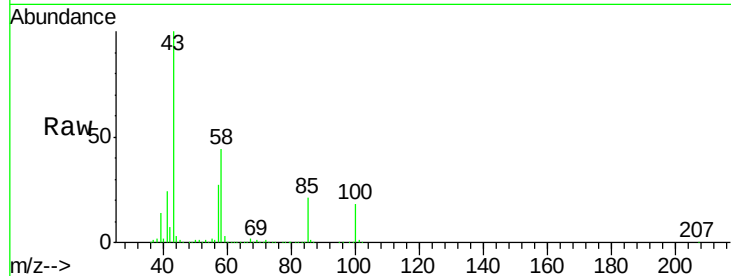




#51
 4-Methyl-2-Pentanone
 Concen: 102.106 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

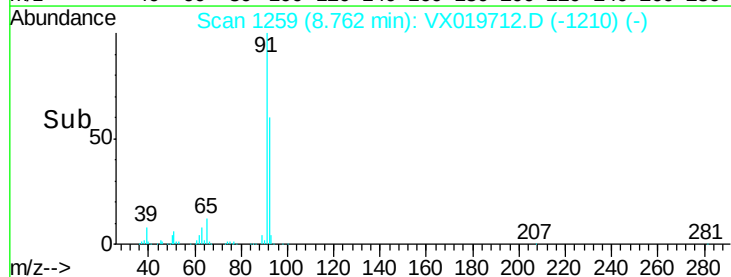
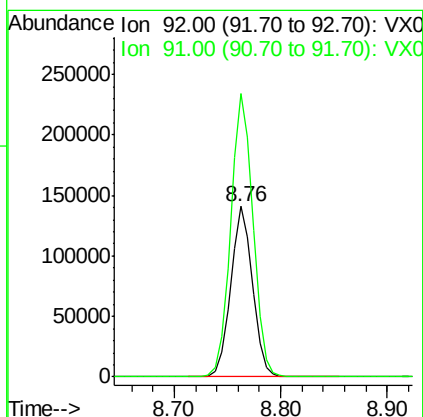
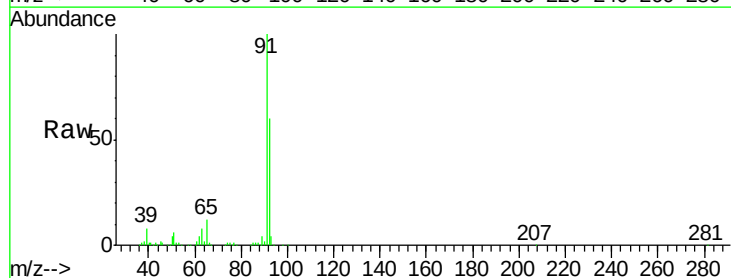
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

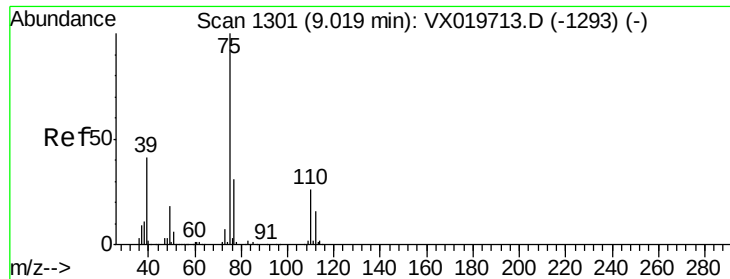
Tgt Ion: 43 Resp: 539746
 Ion Ratio Lower Upper
 43 100
 58 44.2 35.4 53.0



#52
 Toluene
 Concen: 19.951 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion: 92 Resp: 202172
 Ion Ratio Lower Upper
 92 100
 91 170.0 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 19.765 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

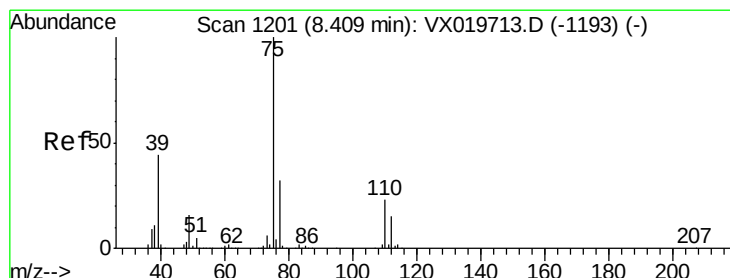
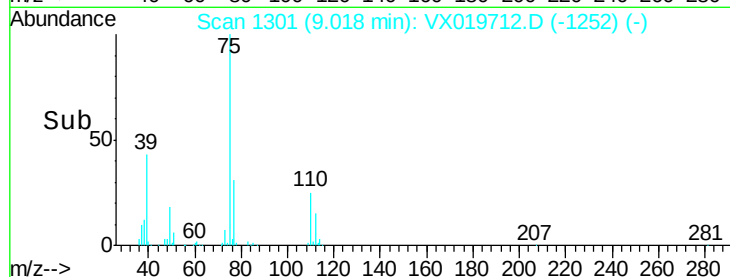
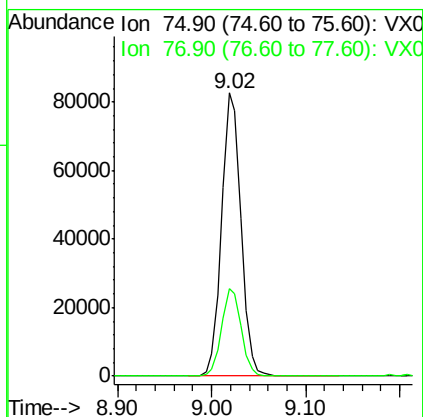
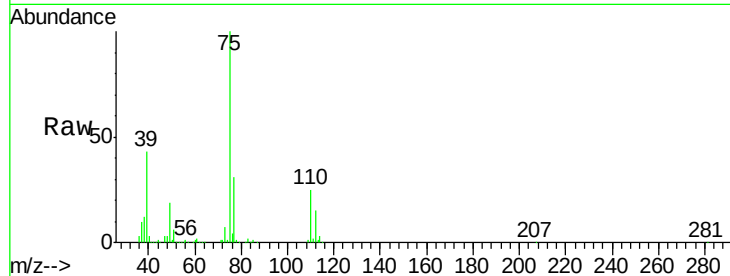
VSTDIC020

Tgt Ion: 75 Resp: 117958

Ion Ratio Lower Upper

75 100

77 31.0 24.9 37.3



#54

cis-1,3-Dichloropropene

Concen: 19.935 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

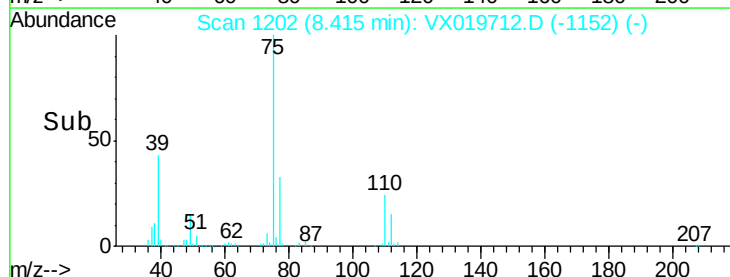
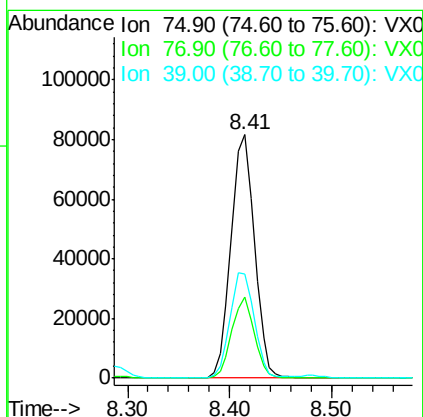
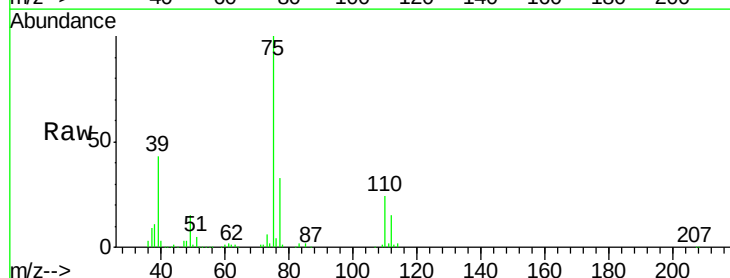
Tgt Ion: 75 Resp: 130047

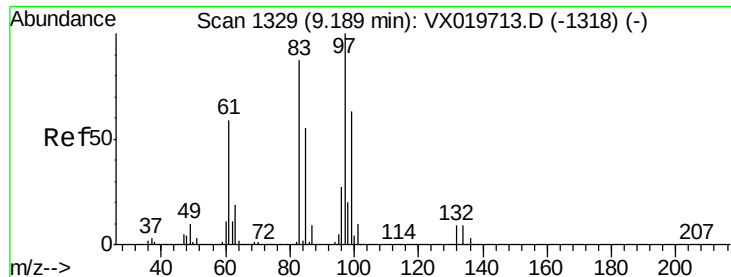
Ion Ratio Lower Upper

75 100

77 33.2 25.7 38.5

39 42.7 35.1 52.7

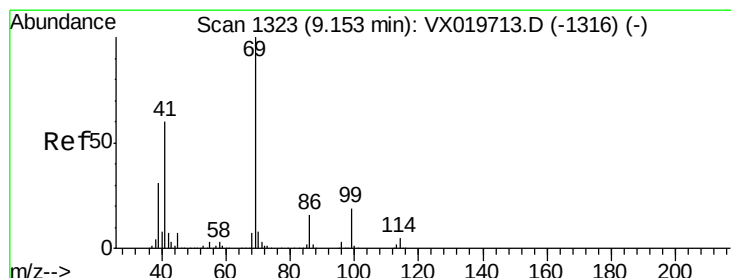
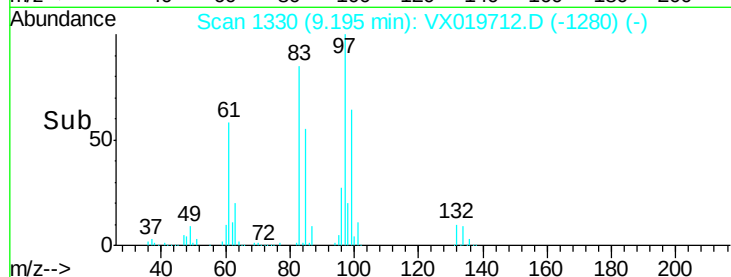
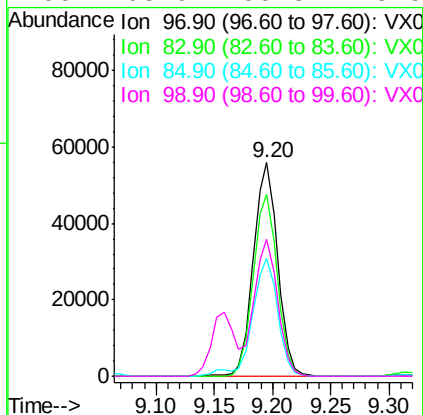
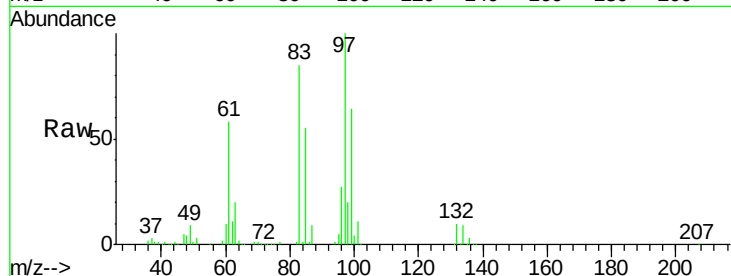




#55
 1,1,2-Trichloroethane
 Concen: 19.911 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

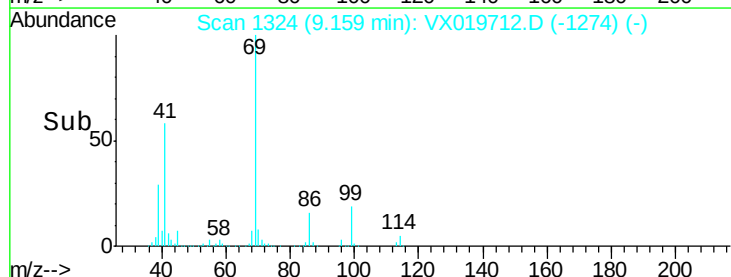
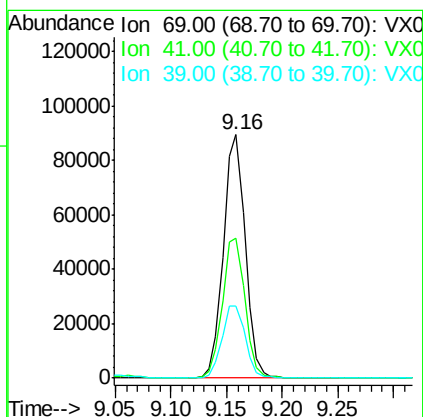
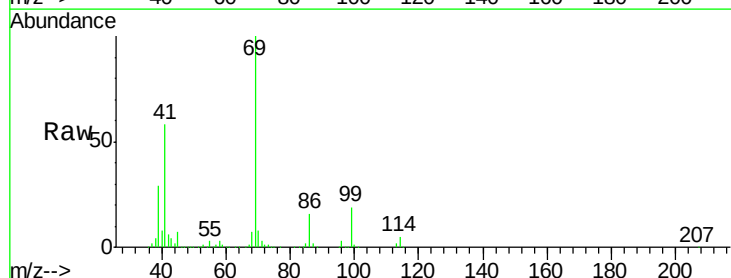
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

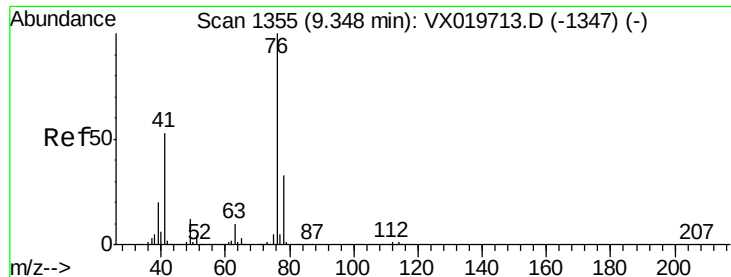
Tgt Ion:	97	Resp:	81598
Ion	Ratio	Lower	Upper
97	100		
83	85.2	69.3	103.9
85	55.4	44.3	66.5
99	63.9	50.3	75.5



#56
 Ethyl methacrylate
 Concen: 19.850 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion:	69	Resp:	122190
Ion	Ratio	Lower	Upper
69	100		
41	59.2	46.8	70.2
39	31.3	24.7	37.1

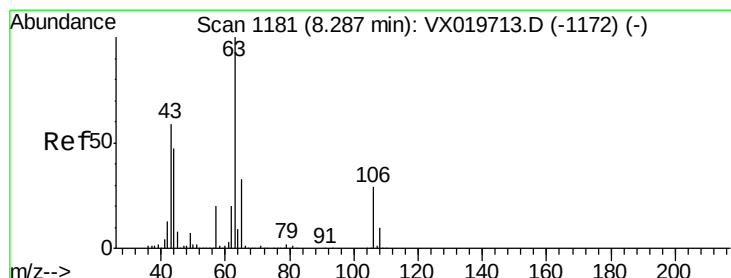
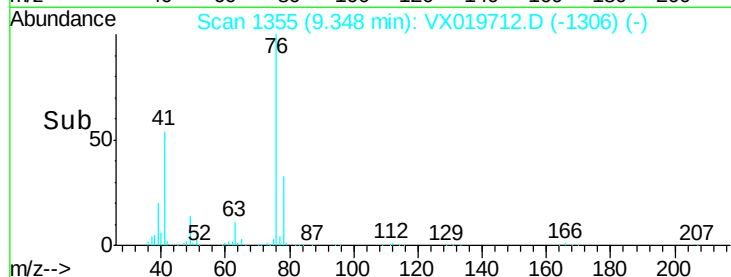
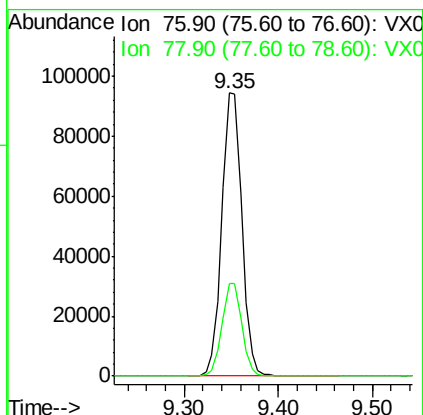
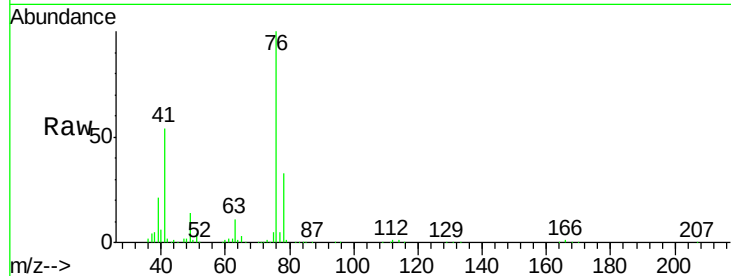




#57
 1,3-Dichloropropane
 Concen: 20.076 ug/l
 RT: 9.35 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

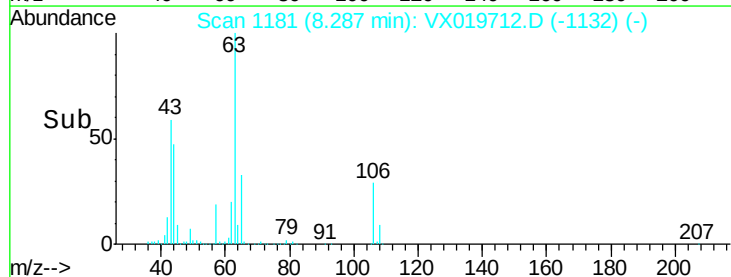
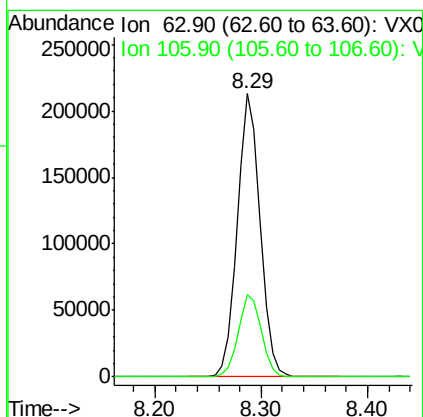
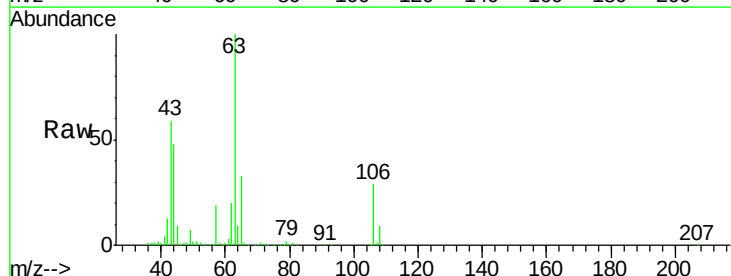
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC020

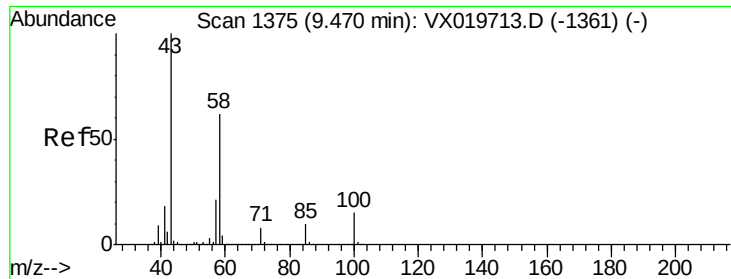
Tgt Ion: 76 Resp: 139233
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.2 39.2



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.544 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion: 63 Resp: 321033
 Ion Ratio Lower Upper
 63 100
 106 29.6 23.5 35.3

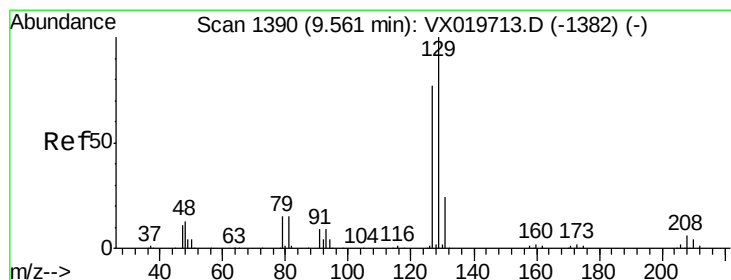
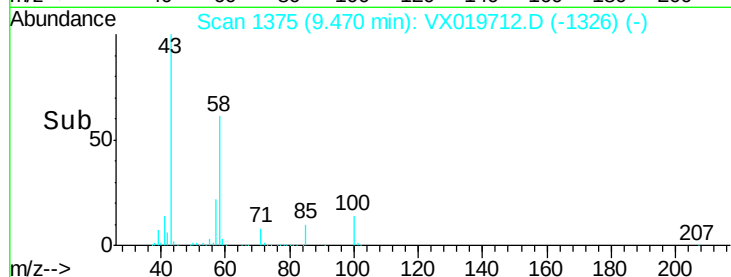
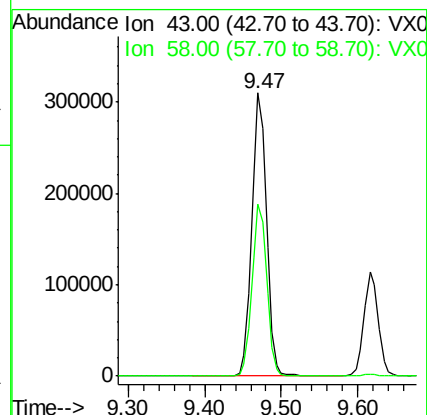
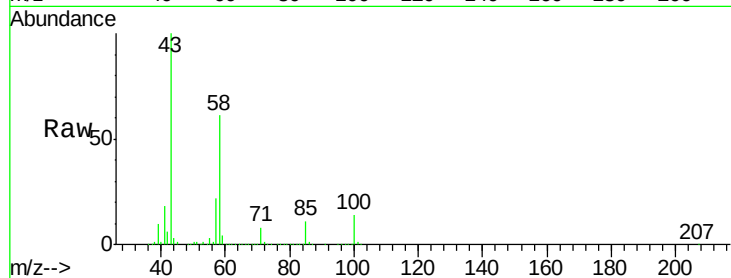




#59
2-Hexanone
Concen: 103.780 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

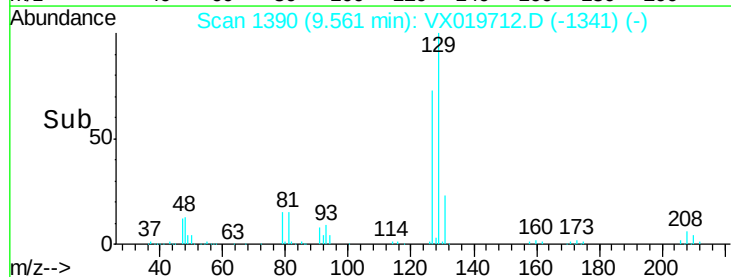
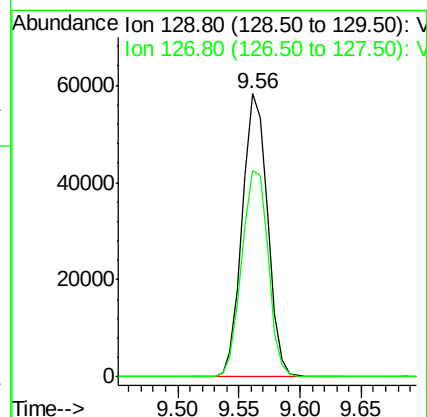
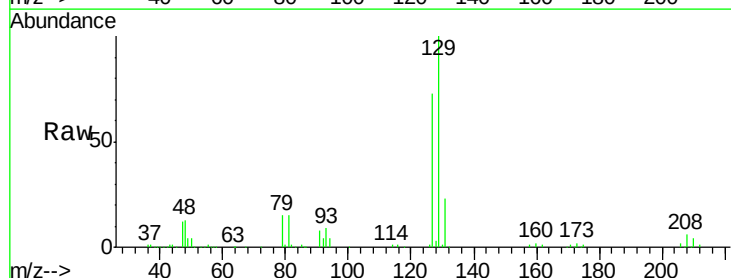
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

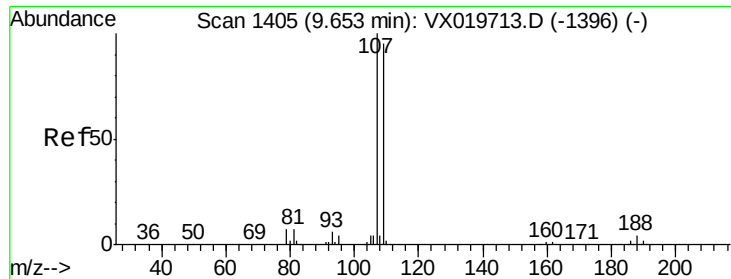
Tgt Ion: 43 Resp: 414991
Ion Ratio Lower Upper
43 100
58 60.8 30.9 92.8



#60
Dibromochloromethane
Concen: 19.778 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion: 129 Resp: 83252
Ion Ratio Lower Upper
129 100
127 76.2 38.4 115.2

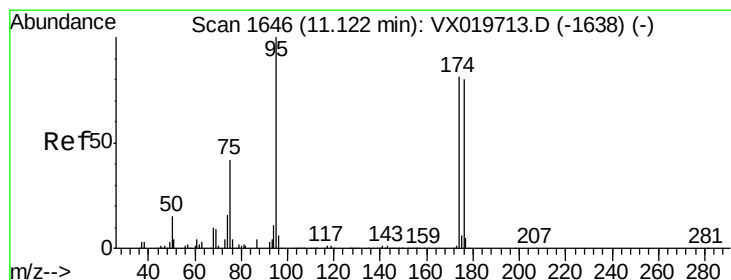
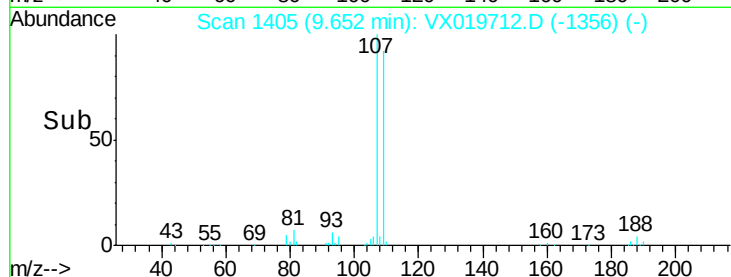
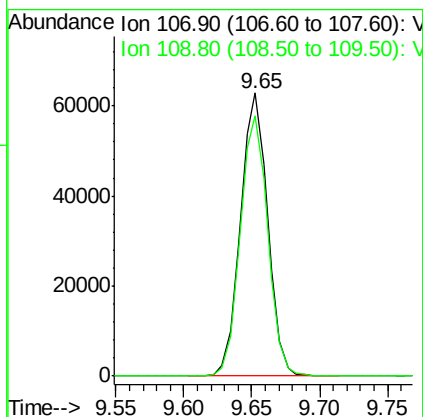
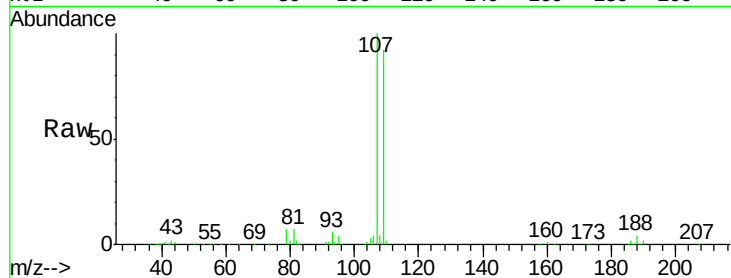




#61
 1,2-Dibromoethane
 Concen: 20.369 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

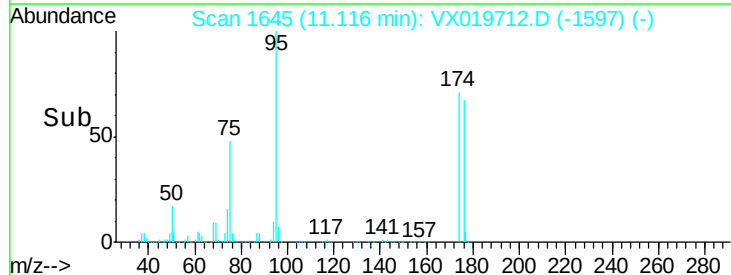
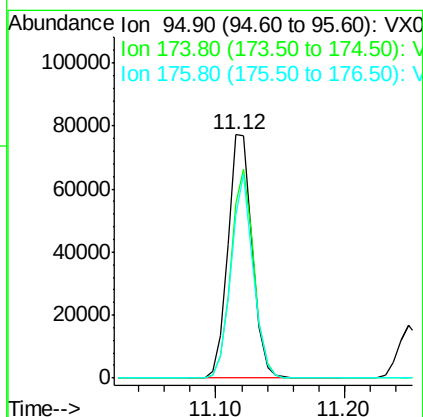
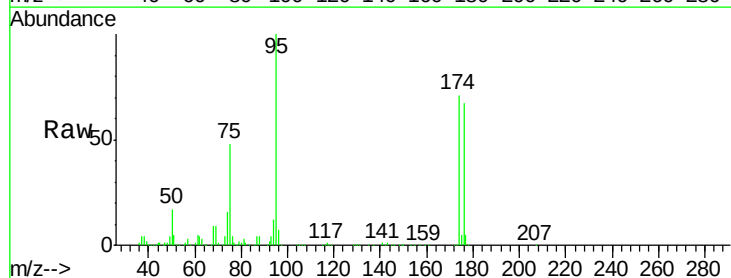
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

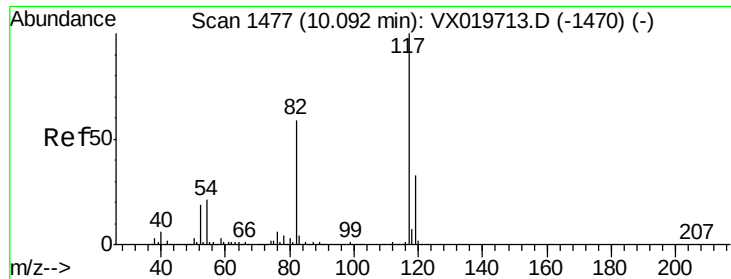
Tgt Ion: 107 Resp: 87684
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 19.062 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. -0.01 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion: 95 Resp: 102209
 Ion Ratio Lower Upper
 95 100
 174 80.6 0.0 154.6
 176 76.2 0.0 155.8

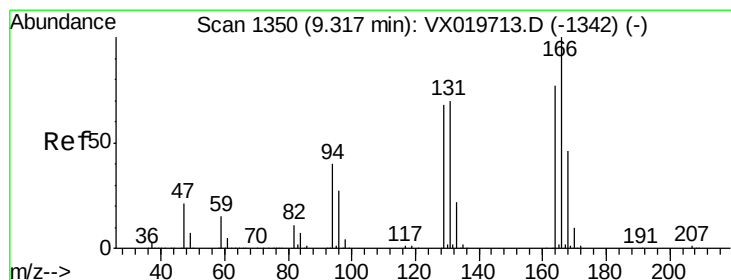
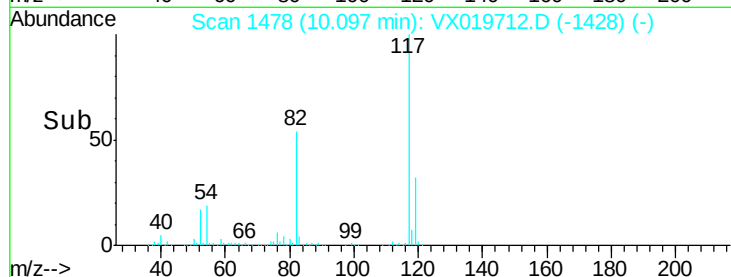
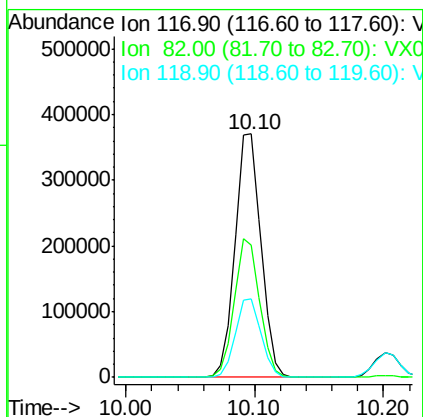
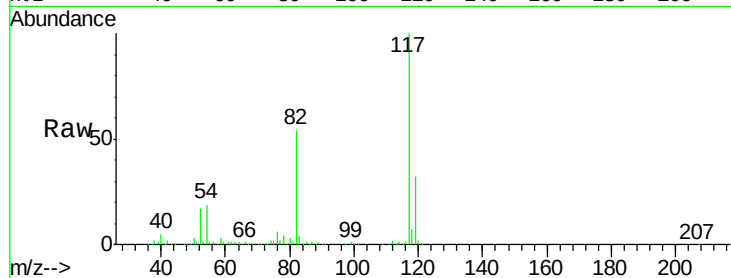




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

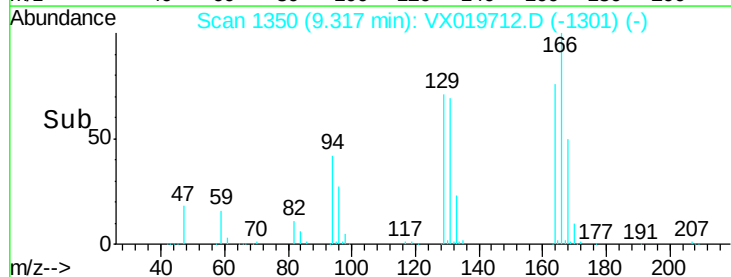
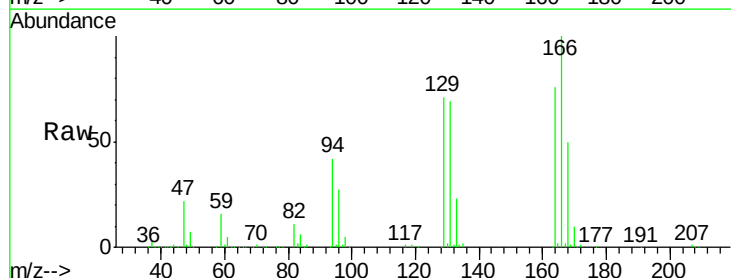
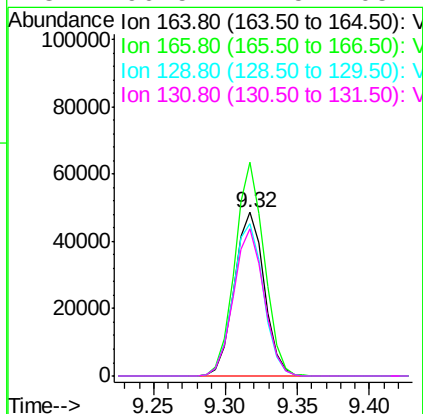
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

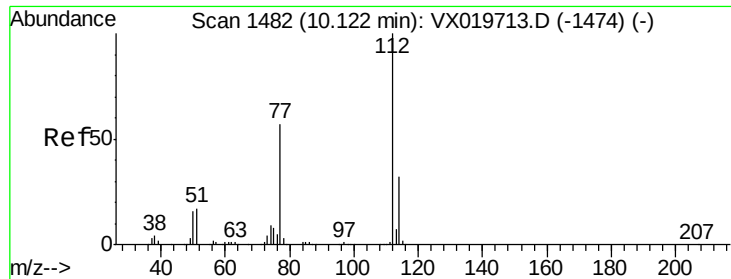
Tgt Ion:117 Resp: 519930
Ion Ratio Lower Upper
117 100
82 54.4 47.4 71.2
119 32.4 26.6 39.8



#64
Tetrachloroethene
Concen: 19.738 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion:164 Resp: 70867
Ion Ratio Lower Upper
164 100
166 130.8 103.4 155.2
129 93.1 70.8 106.2
131 90.5 72.5 108.7

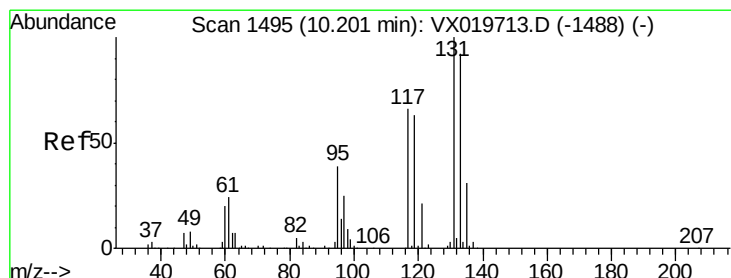
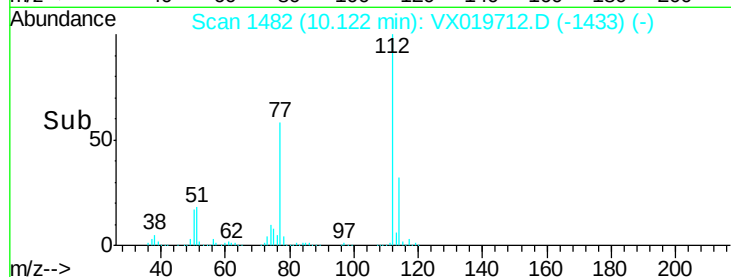
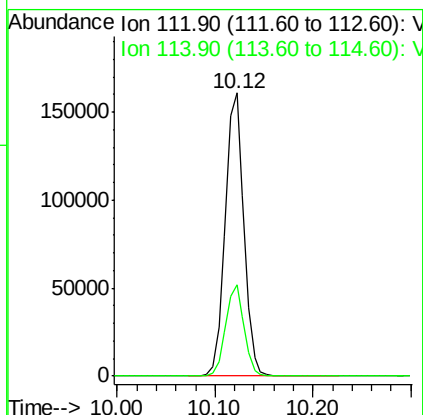
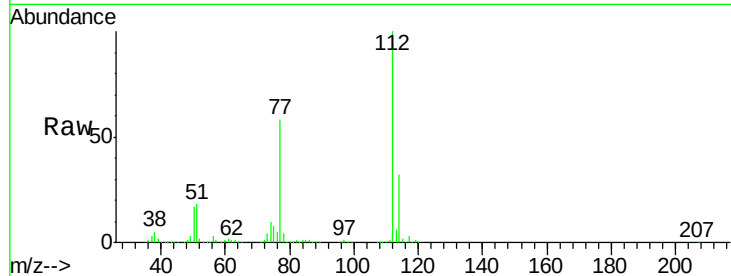




#65
Chlorobenzene
Concen: 19.670 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

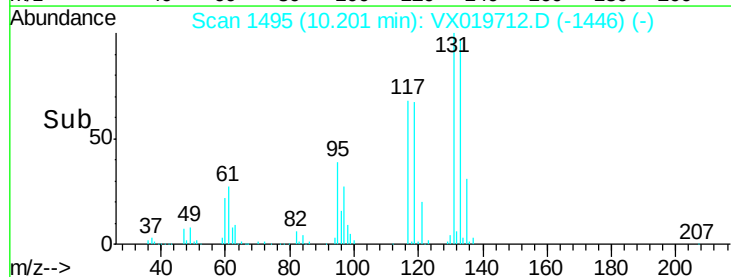
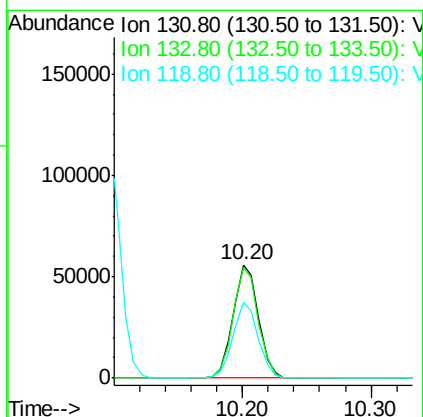
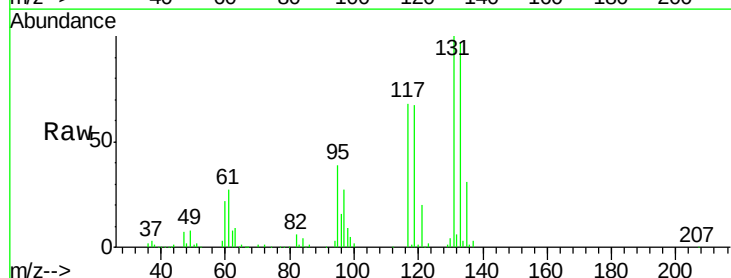
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

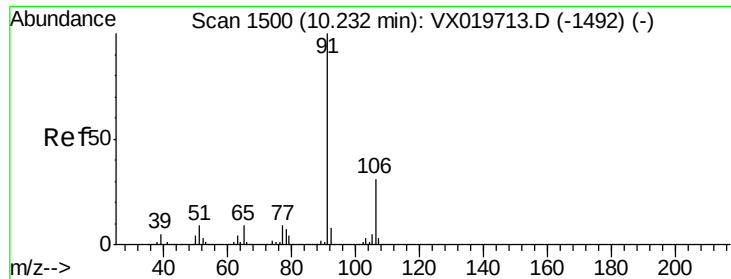
Tgt Ion:112 Resp: 212024
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.528 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion:131 Resp: 76493
Ion Ratio Lower Upper
131 100
133 97.1 47.7 143.1
119 66.9 32.1 96.5

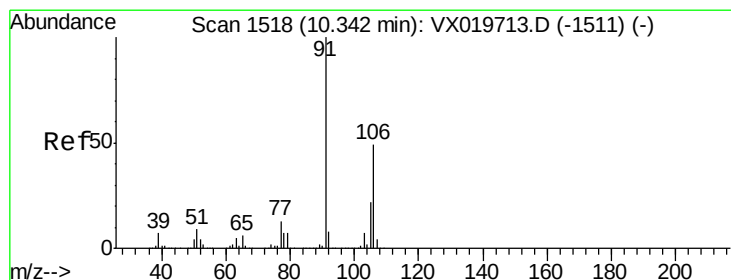
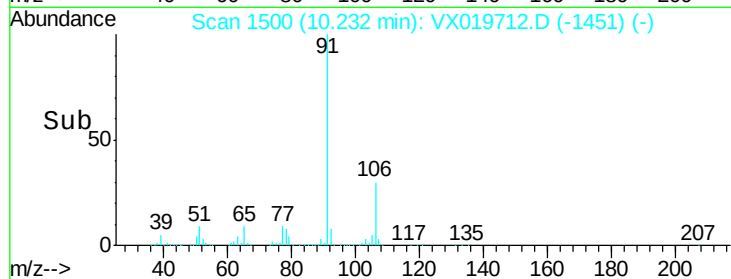
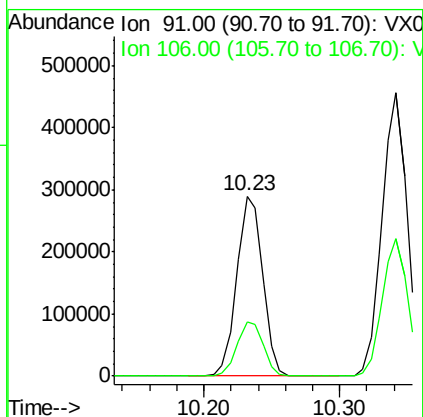
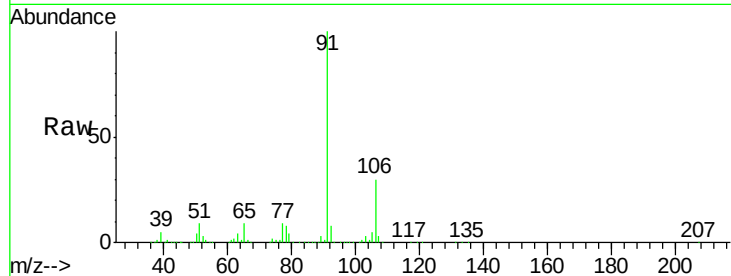




#67
Ethyl Benzene
Concen: 20.137 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

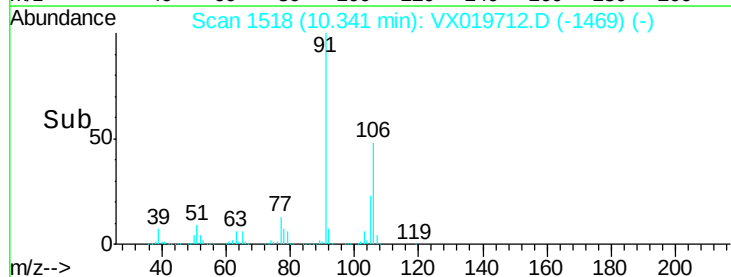
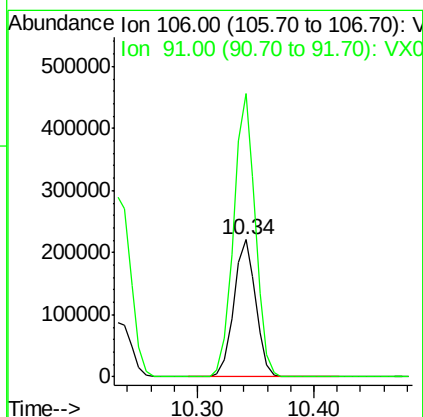
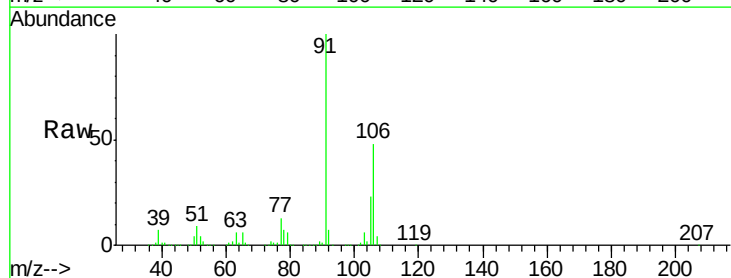
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

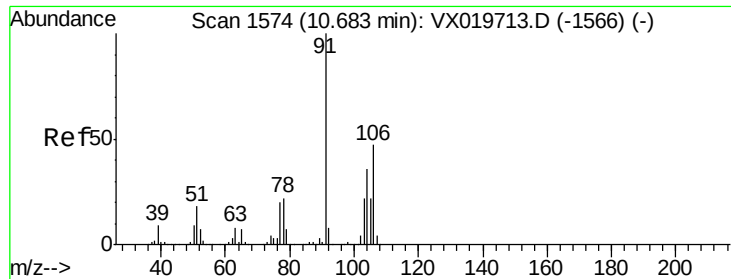
Tgt Ion: 91 Resp: 382818
Ion Ratio Lower Upper
91 100
106 30.5 24.6 37.0



#68
m/p-Xylenes
Concen: 40.616 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion: 106 Resp: 288762
Ion Ratio Lower Upper
106 100
91 204.4 162.8 244.2

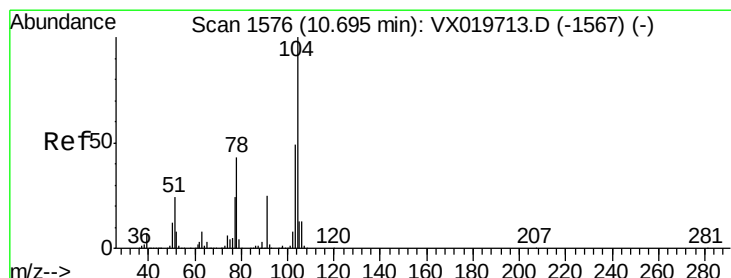
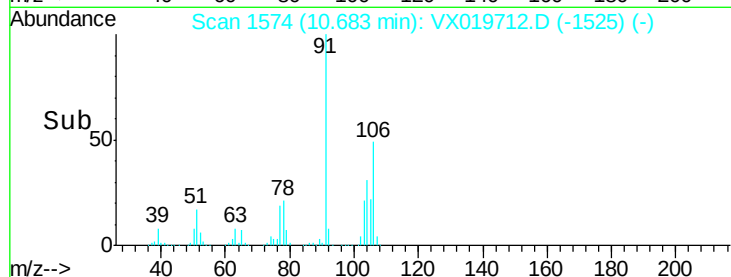
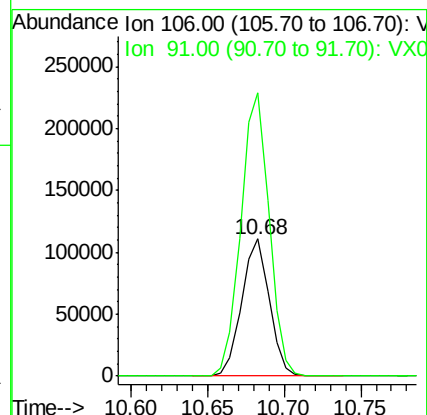
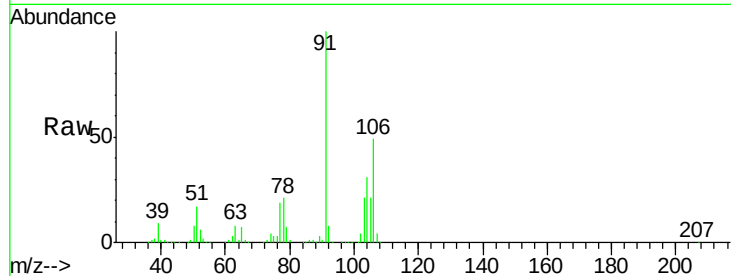




#69
o-Xylene
Concen: 20.089 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

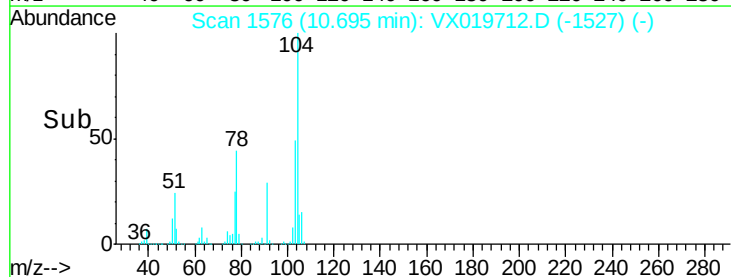
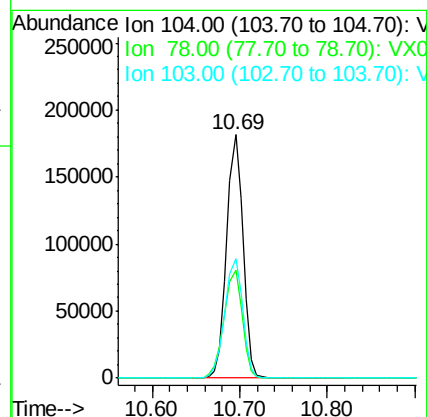
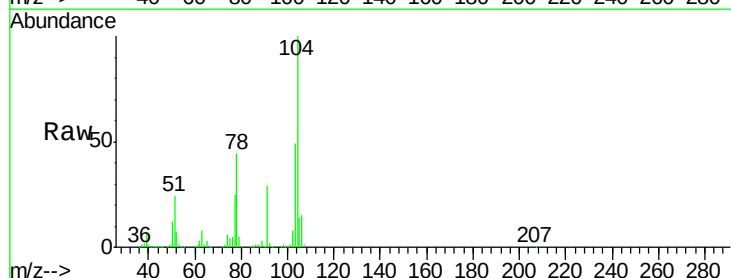
Instrument :
MSVOA_X
ClientSampled :
VSTDIC020

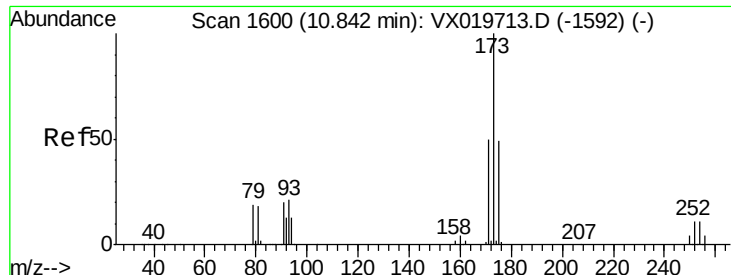
Tgt Ion:106 Resp: 138648
Ion Ratio Lower Upper
106 100
91 211.5 108.1 324.2



#70
Styrene
Concen: 20.222 ug/l
RT: 10.69 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion:104 Resp: 234088
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 54.3 43.4 65.0





#71

Bromoform

Concen: 19.535 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

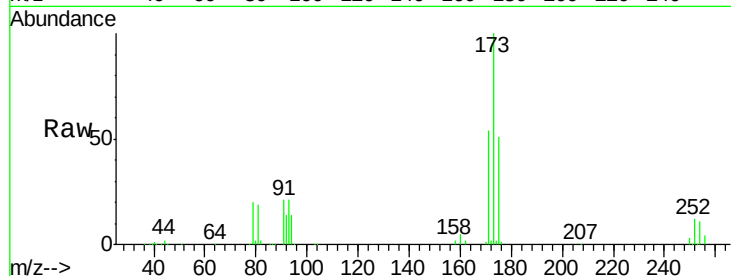
Tgt Ion:173 Resp: 59214

Ion Ratio Lower Upper

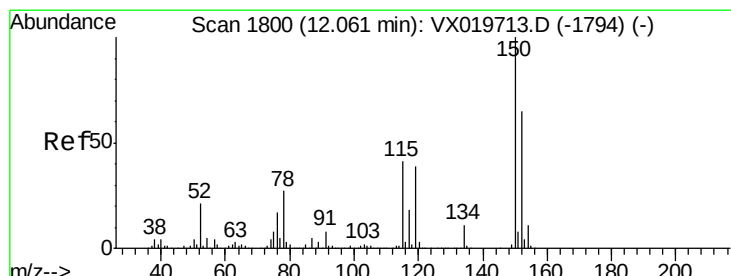
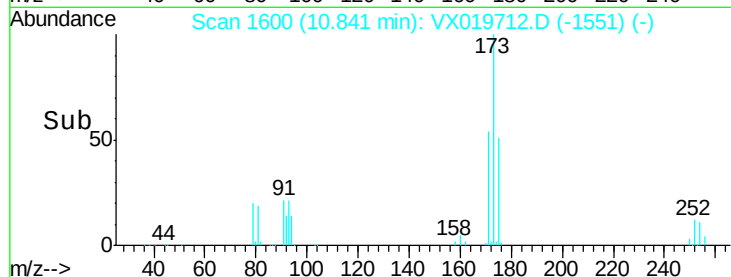
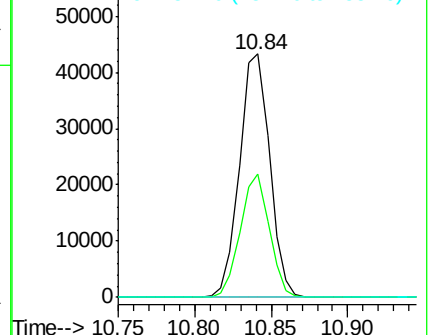
173 100

175 48.8 23.9 71.8

254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

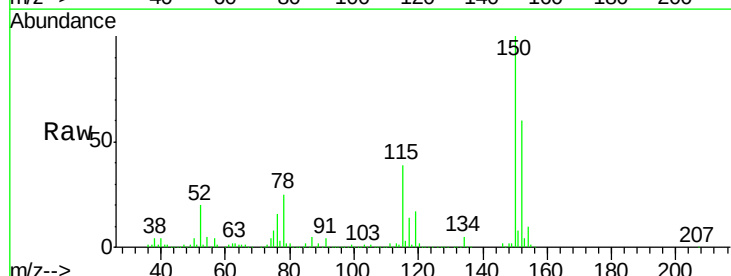
Tgt Ion:152 Resp: 253883

Ion Ratio Lower Upper

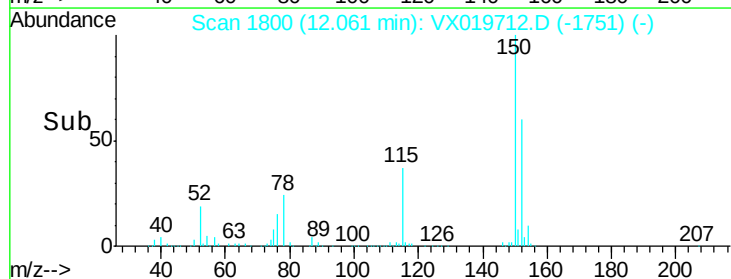
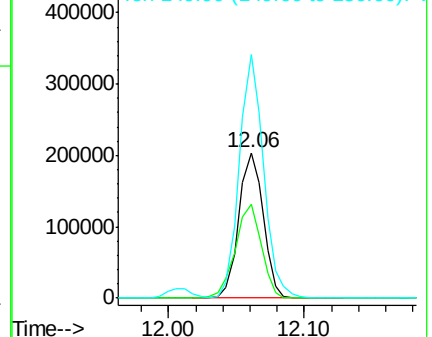
152 100

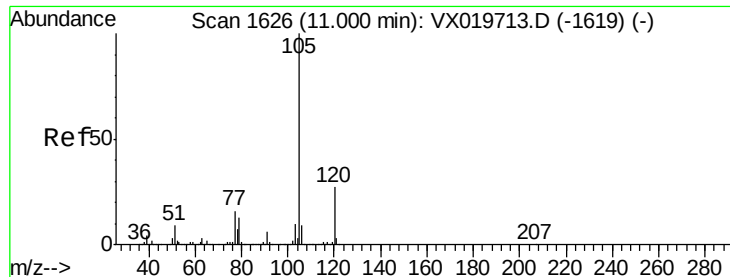
115 69.2 41.1 123.3

150 166.7 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.767 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

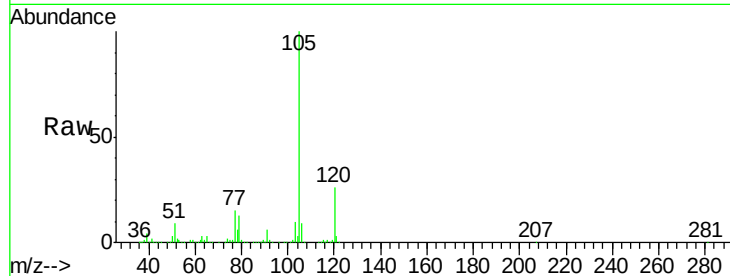
VSTDIC020

Tgt Ion: 105 Resp: 367181

Ion Ratio Lower Upper

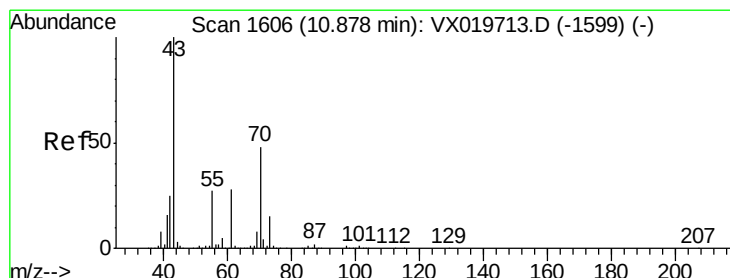
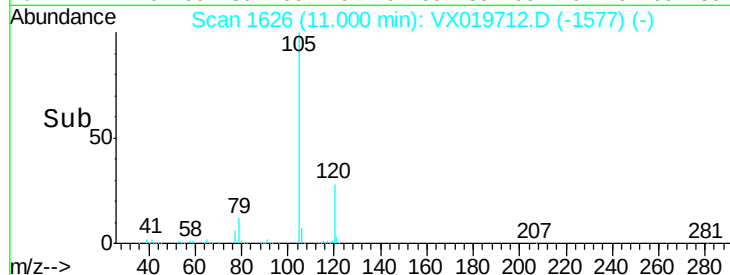
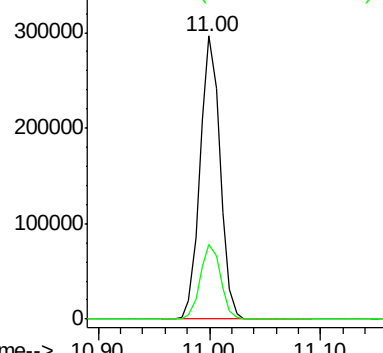
105 100

120 26.7 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.515 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Tgt Ion: 43 Resp: 145629

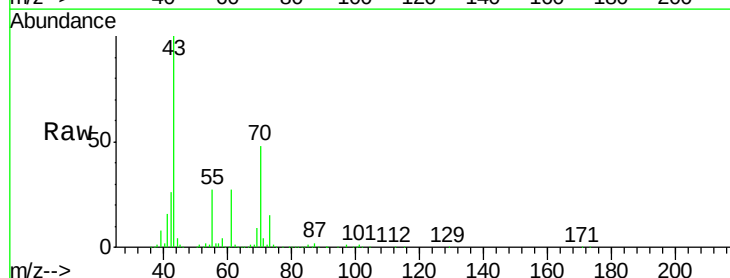
Ion Ratio Lower Upper

43 100

70 49.3 39.0 58.6

55 27.4 21.5 32.3

61 27.6 22.1 33.1

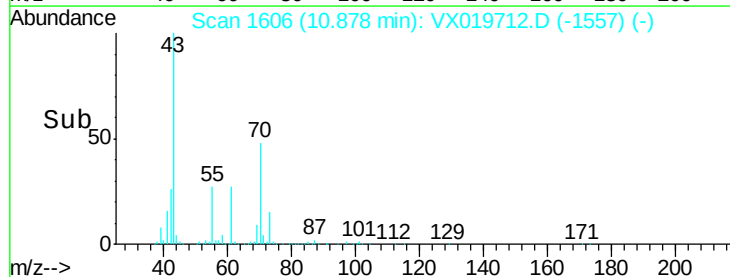
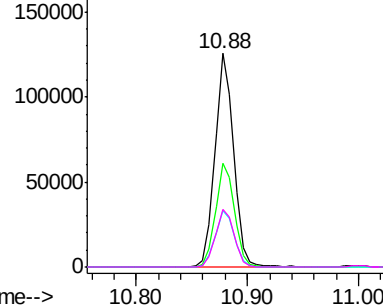


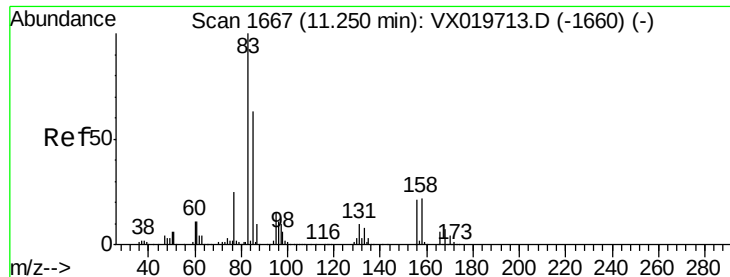
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 20.415 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

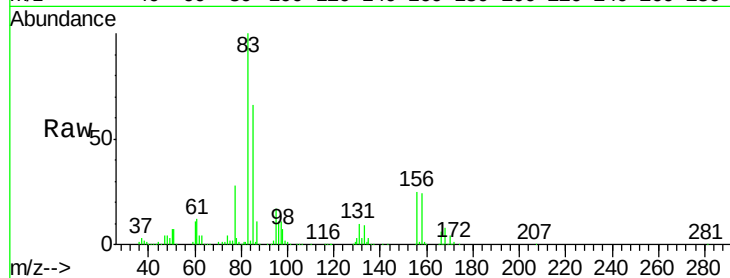
Tgt Ion: 83 Resp: 130710

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.2

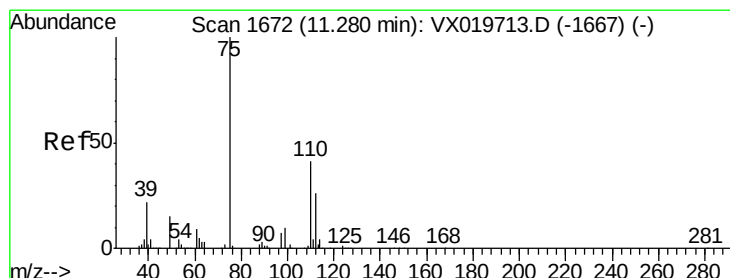
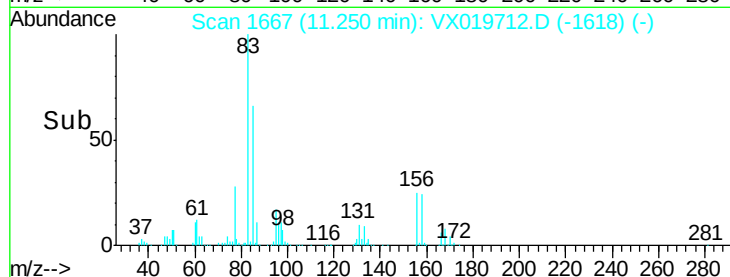
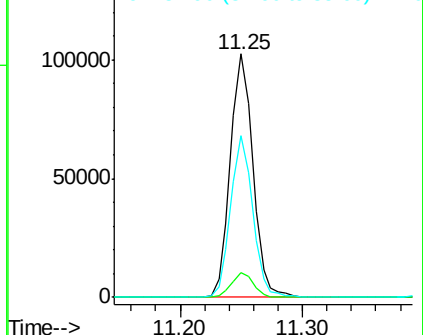
85 65.1 31.8 95.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.616 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019712.D

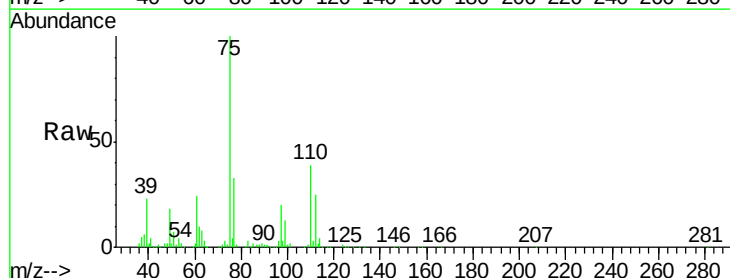
Acq: 04 Dec 2020 11:36

Tgt Ion: 75 Resp: 149049

Ion Ratio Lower Upper

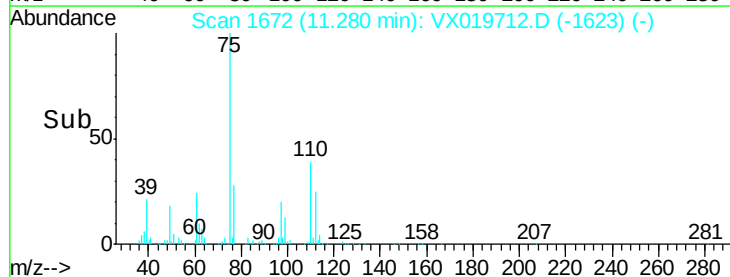
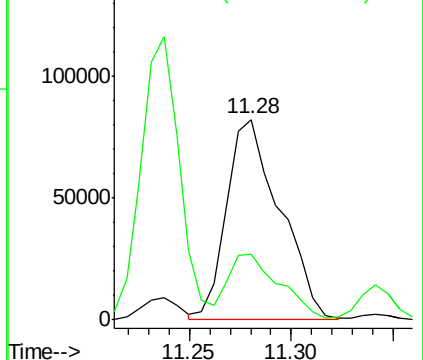
75 100

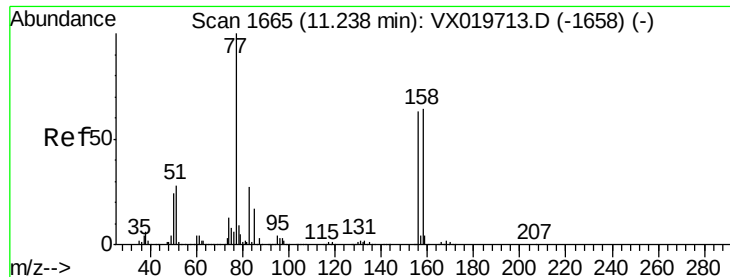
77 31.5 19.1 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.412 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

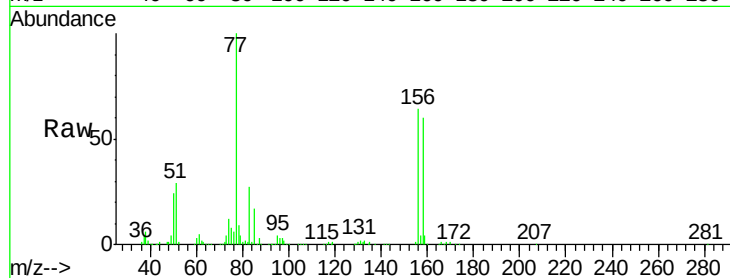
Tgt Ion:156 Resp: 93527

Ion Ratio Lower Upper

156 100

77 162.7 82.8 248.6

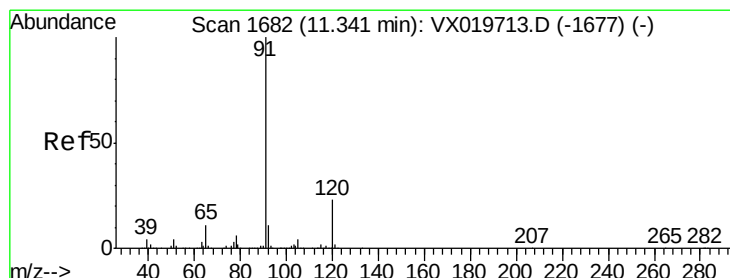
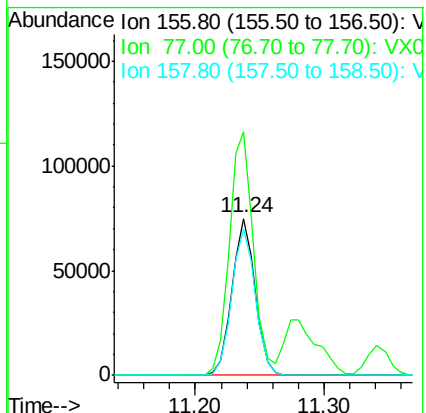
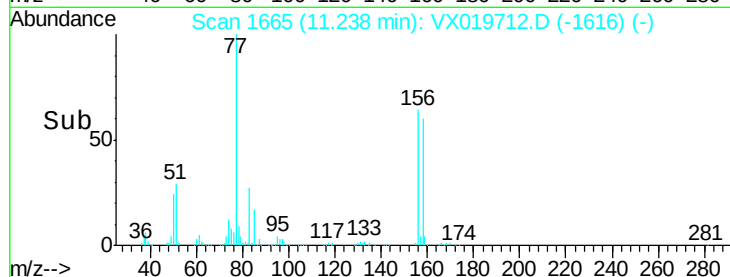
158 95.7 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.732 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019712.D

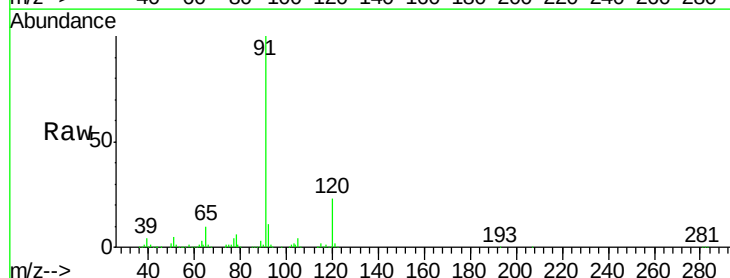
Acq: 04 Dec 2020 11:36

Tgt Ion: 91 Resp: 422597

Ion Ratio Lower Upper

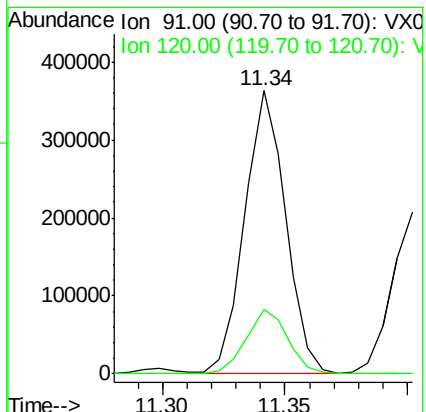
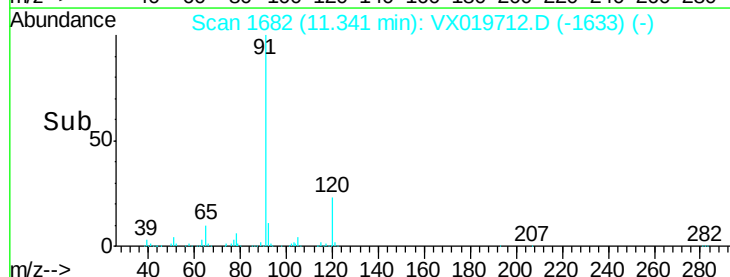
91 100

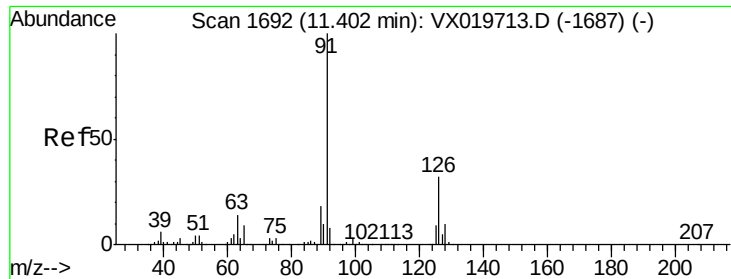
120 23.0 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.573 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

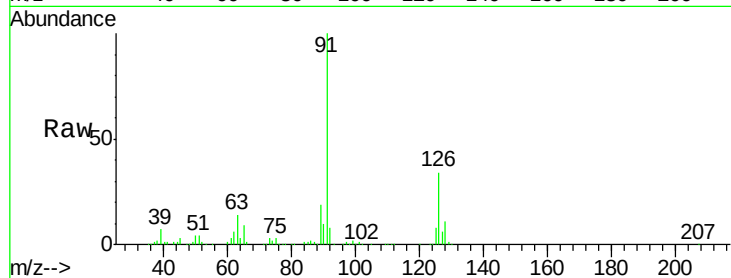
VSTDIC020

Tgt Ion: 91 Resp: 255067

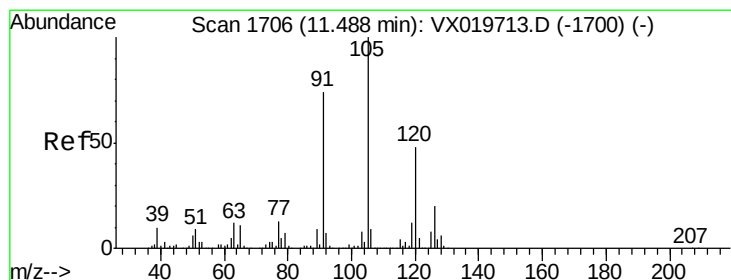
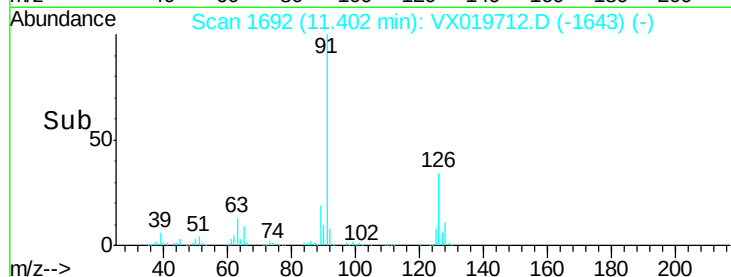
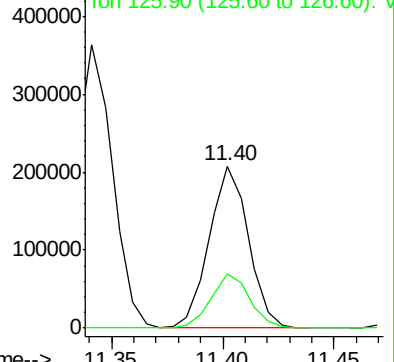
Ion Ratio Lower Upper

91 100

126 33.3 16.6 49.8



Abundance Ion 91.00 (90.70 to 91.70): VX019712.D (-1643) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.891 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019712.D

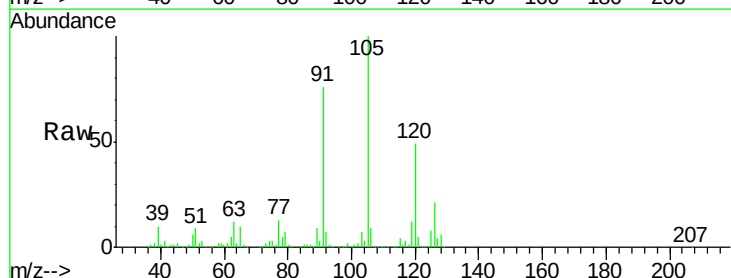
Acq: 04 Dec 2020 11:36

Tgt Ion: 105 Resp: 312386

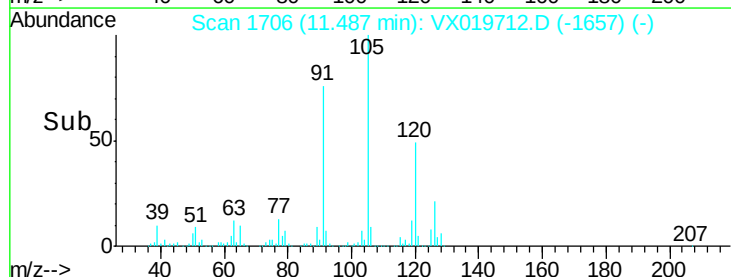
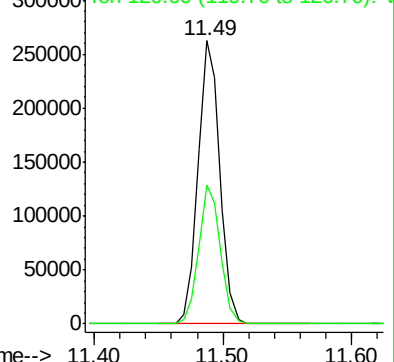
Ion Ratio Lower Upper

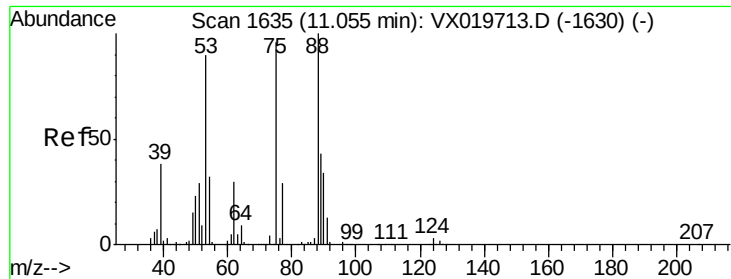
105 100

120 48.6 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VX019712.D (-1657) (-)

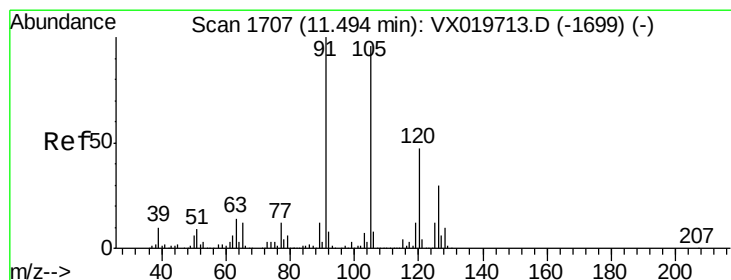
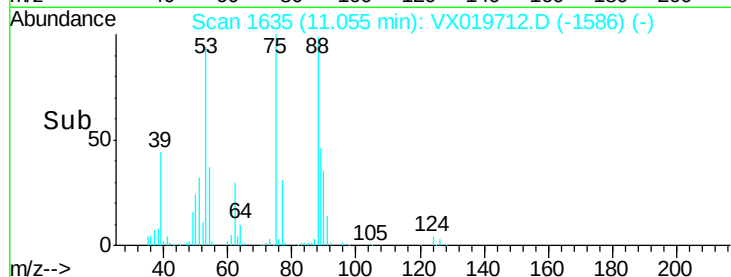
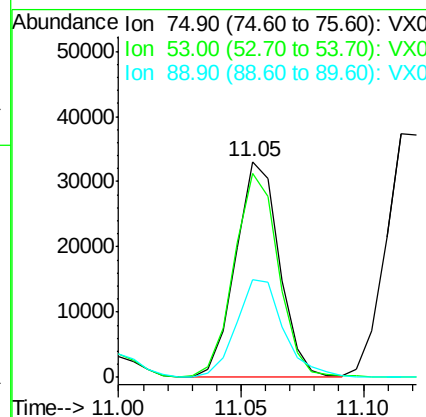
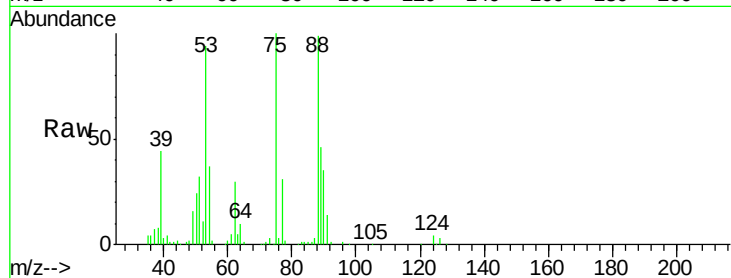




#81
trans-1,4-Dichloro-2-butene
Concen: 19.606 ug/l
RT: 11.05 min Scan# 1635
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

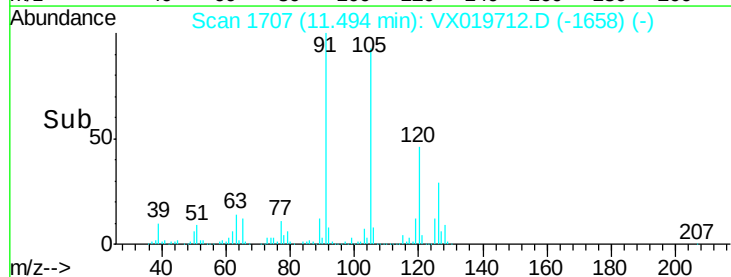
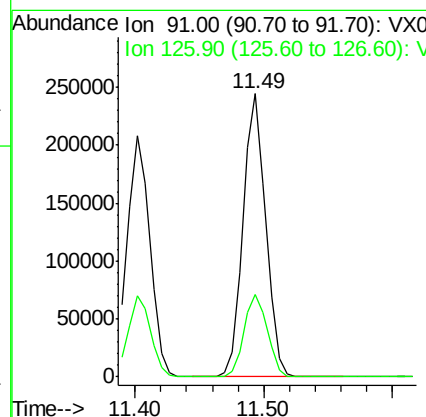
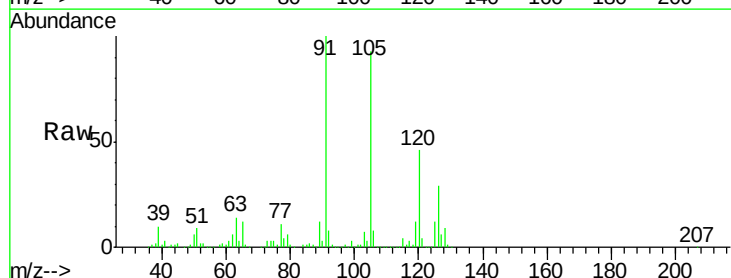
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

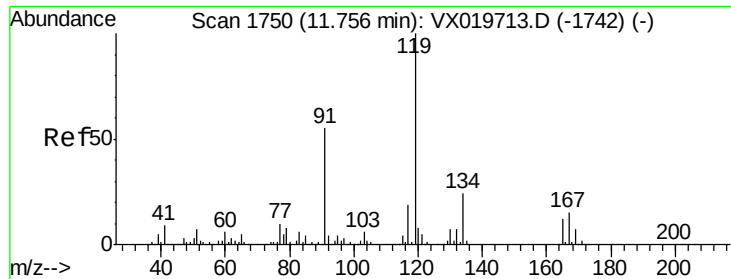
Tgt Ion: 75 Resp: 40786
Ion Ratio Lower Upper
75 100
53 95.9 74.5 111.7
89 49.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.579 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion: 91 Resp: 297419
Ion Ratio Lower Upper
91 100
126 29.9 14.9 44.5

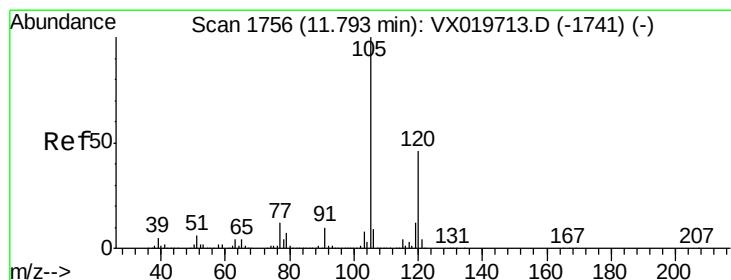
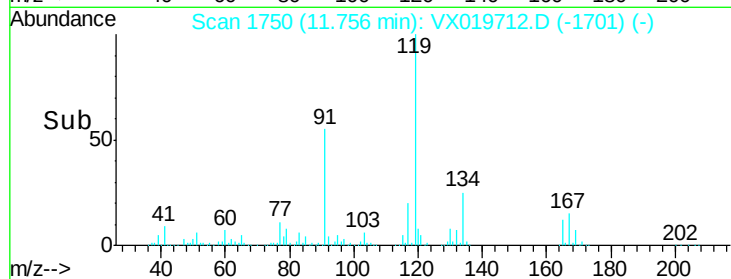
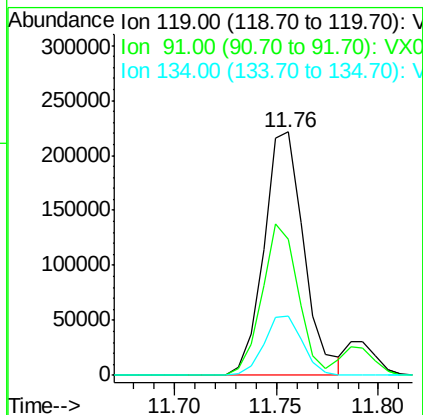
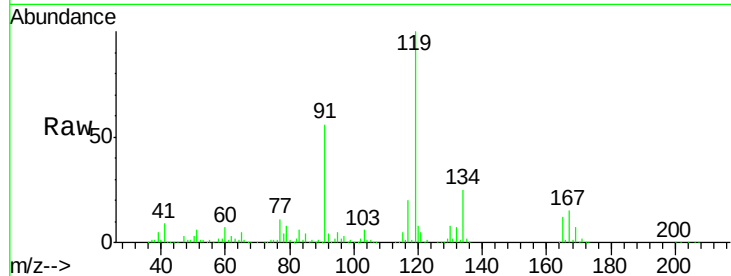




#83
 tert-Butylbenzene
 Concen: 20.370 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

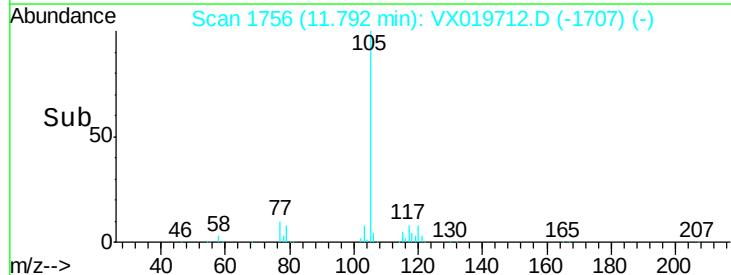
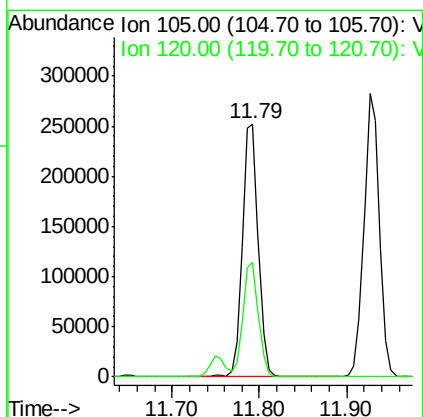
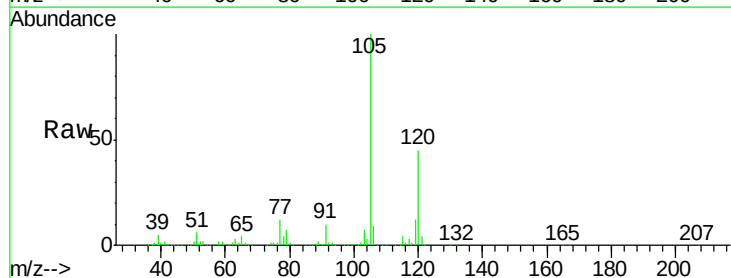
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

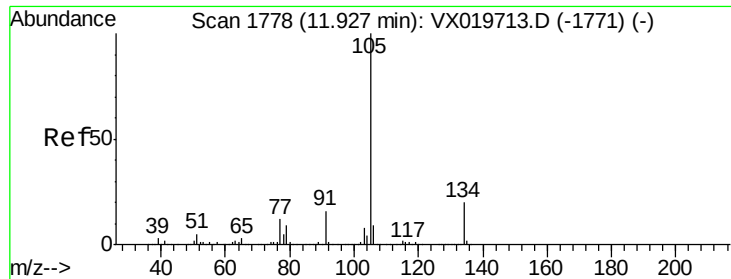
Tgt Ion:119 Resp: 301577
 Ion Ratio Lower Upper
 119 100
 91 56.7 27.9 83.7
 134 23.5 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 21.142 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion:105 Resp: 319479
 Ion Ratio Lower Upper
 105 100
 120 44.0 22.4 67.3





#85

sec-Butylbenzene

Concen: 20.623 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

Instrument :

MSVOA_X

ClientSampleId :

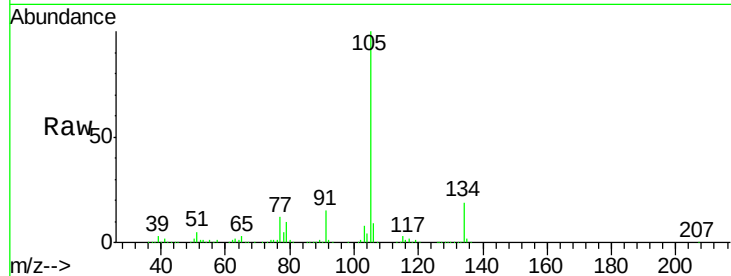
VSTDIC020

Tgt Ion:105 Resp: 346774

Ion Ratio Lower Upper

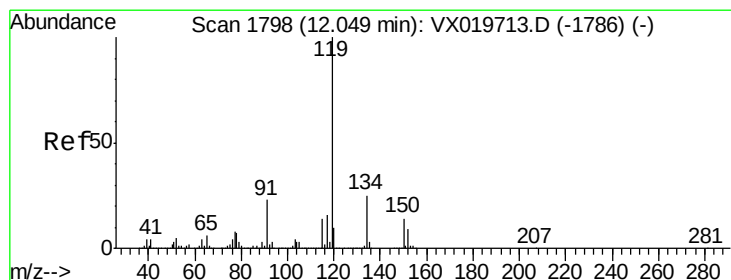
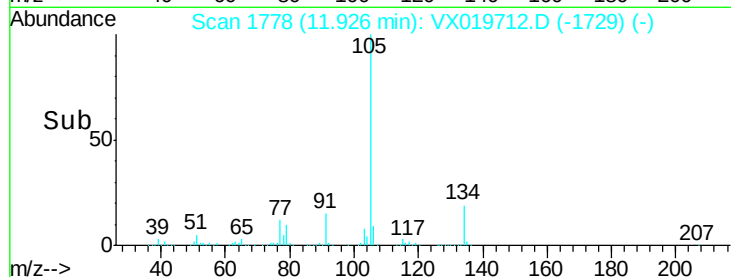
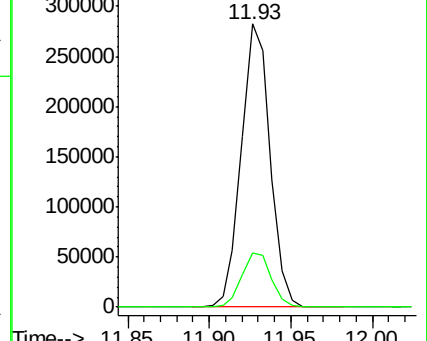
105 100

134 19.7 10.0 29.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.319 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019712.D

Acq: 04 Dec 2020 11:36

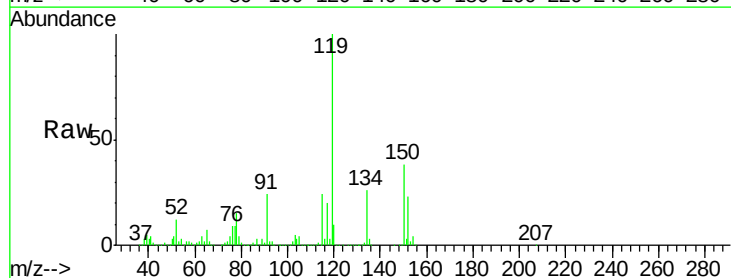
Tgt Ion:119 Resp: 315265

Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.7

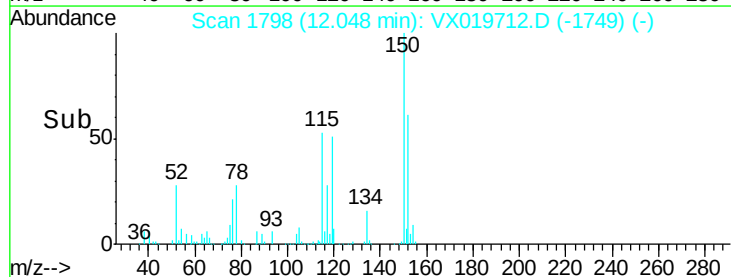
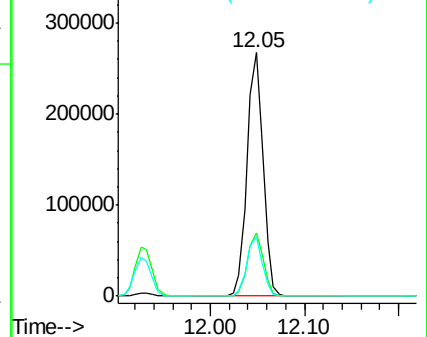
91 23.9 11.7 35.0

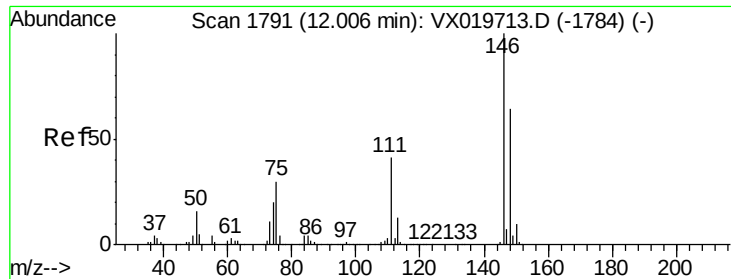


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

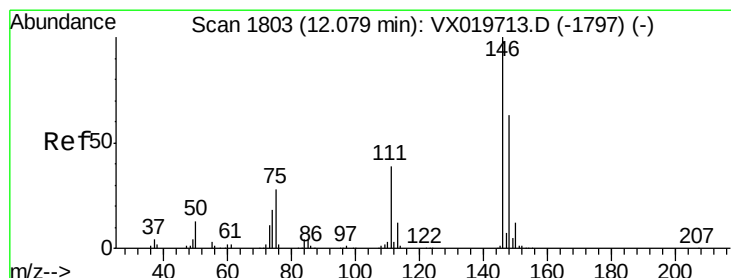
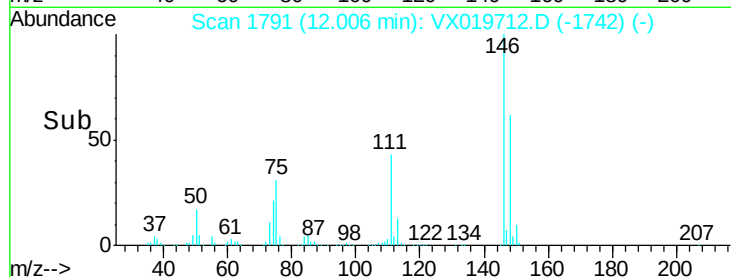
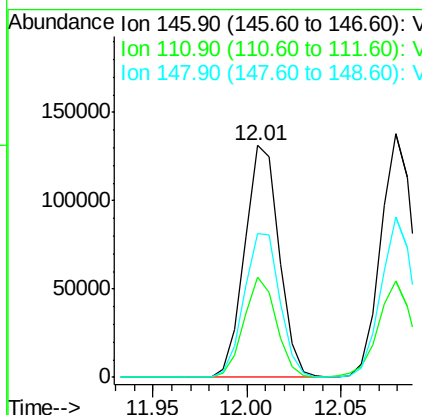
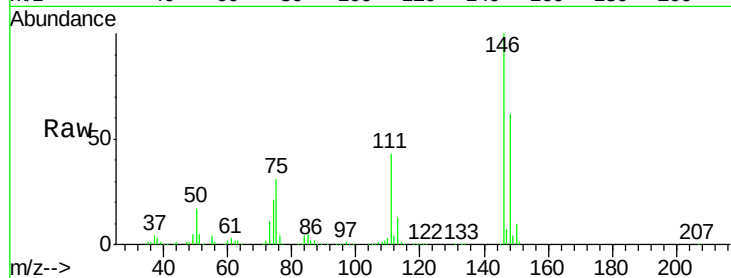




#87
 1,3-Dichlorobenzene
 Concen: 20.018 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

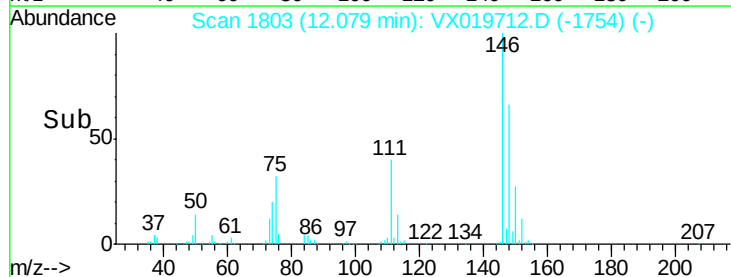
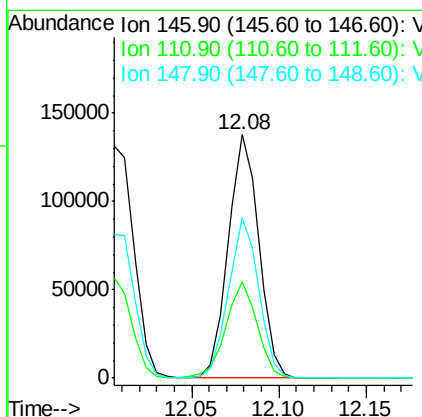
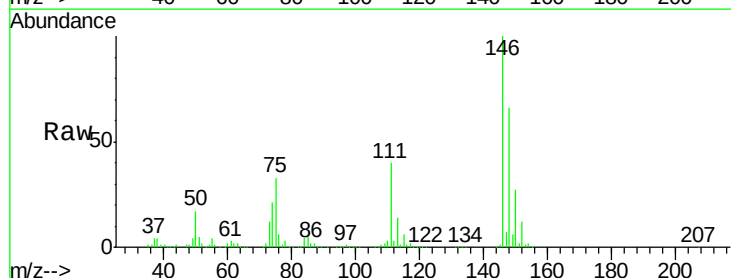
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

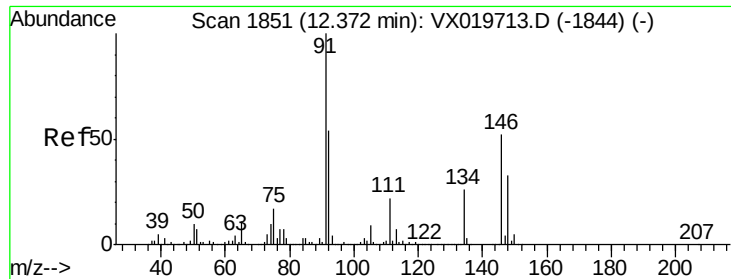
Tgt Ion:146 Resp: 166888
 Ion Ratio Lower Upper
 146 100
 111 40.9 20.2 60.5
 148 64.0 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 19.670 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion:146 Resp: 167516
 Ion Ratio Lower Upper
 146 100
 111 40.6 19.6 58.8
 148 65.2 31.6 95.0

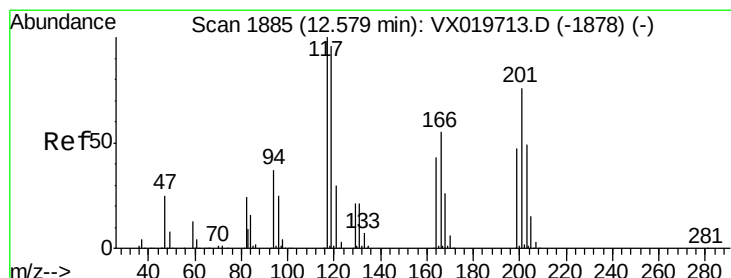
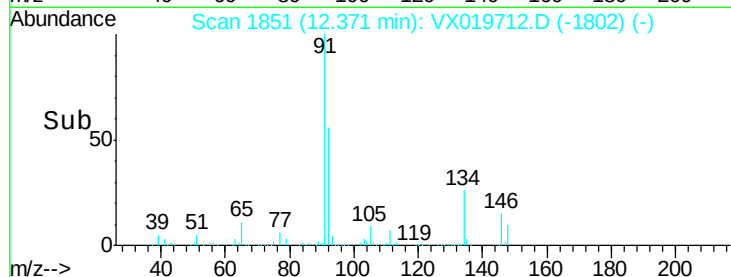
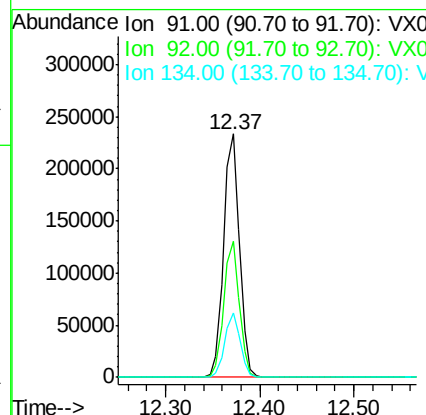
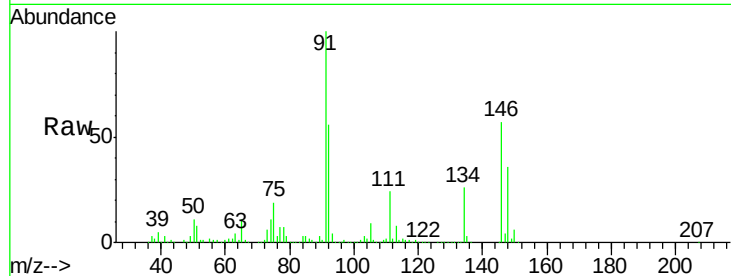




#89
n-Butylbenzene
Concen: 20.018 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

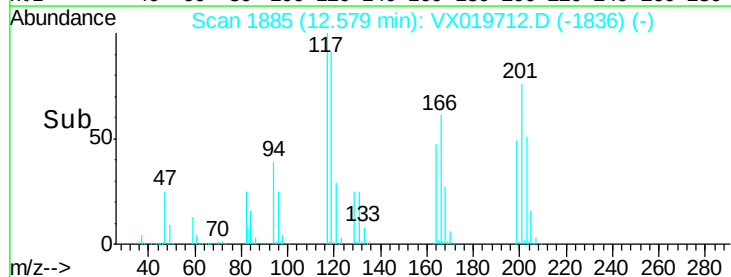
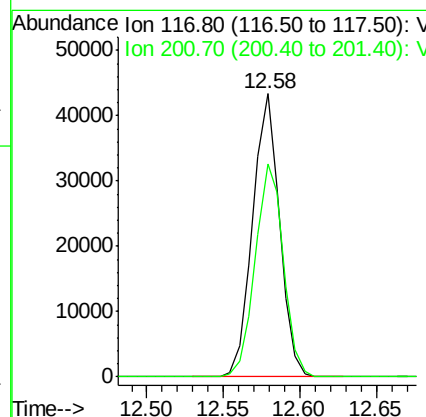
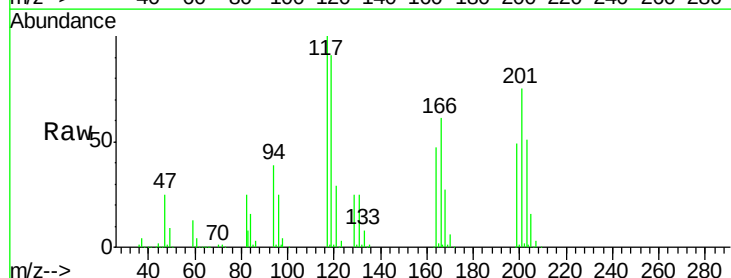
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

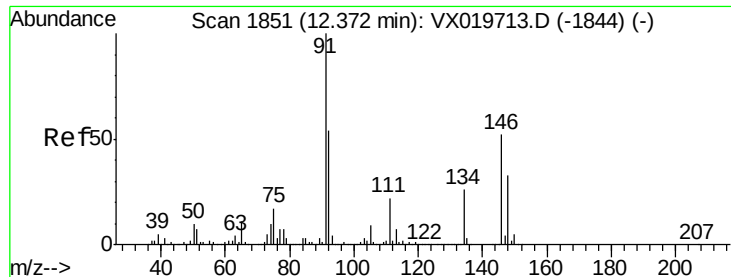
Tgt Ion: 91 Resp: 272170
Ion Ratio Lower Upper
91 100
92 54.9 27.4 82.0
134 25.6 13.2 39.5



#90
Hexachloroethane
Concen: 20.119 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion: 117 Resp: 53081
Ion Ratio Lower Upper
117 100
201 78.5 40.4 121.2

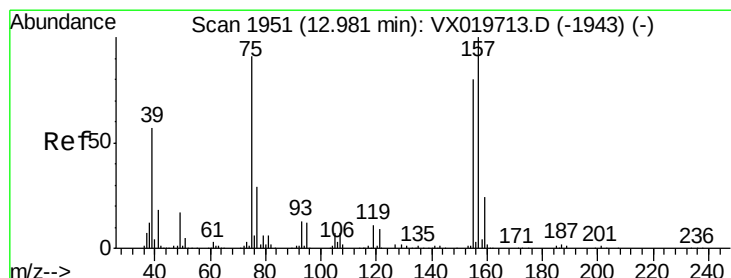
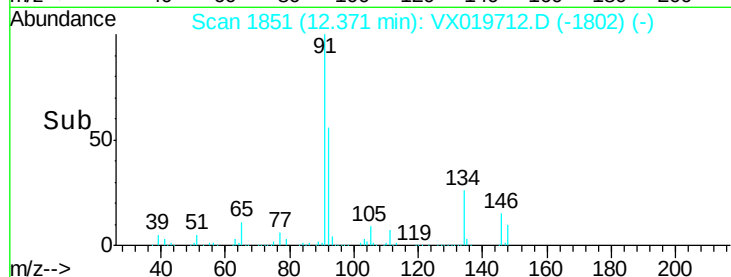
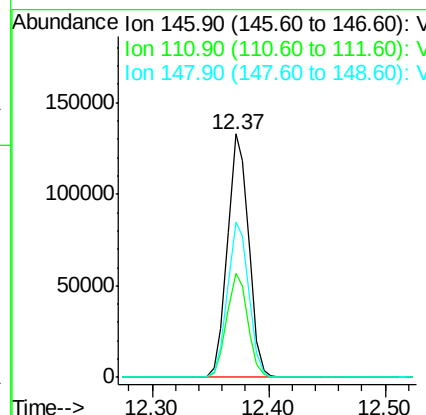
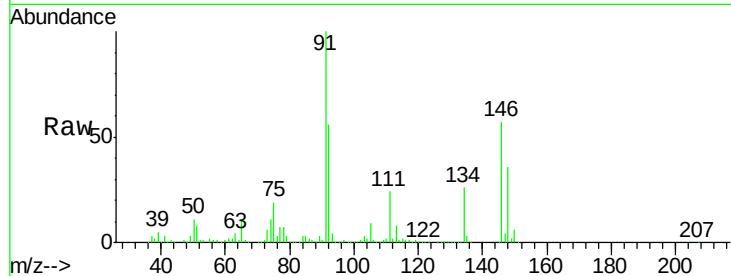




#91
 1,2-Dichlorobenzene
 Concen: 20.432 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

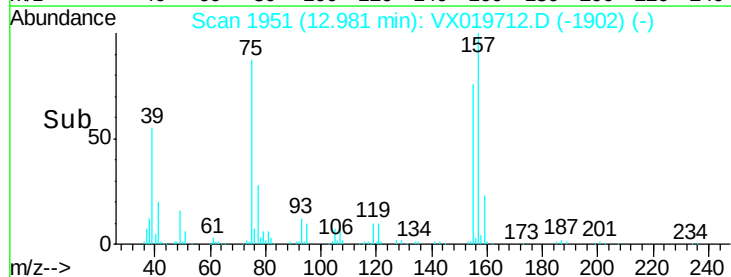
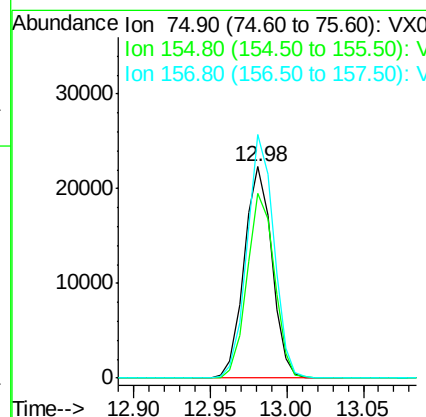
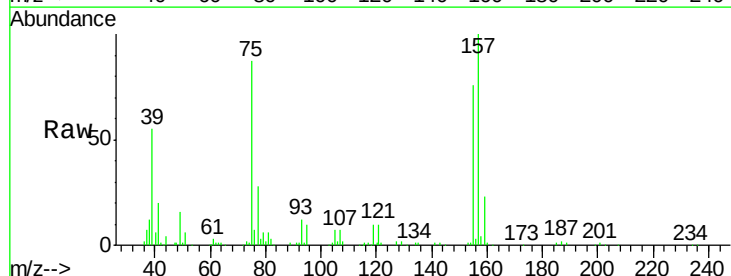
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

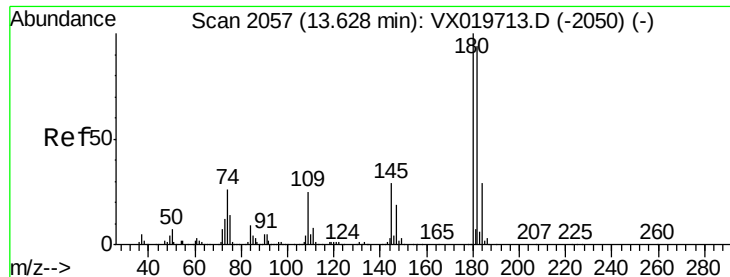
Tgt Ion:146 Resp: 166756
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.2
 148 64.0 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.770 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion: 75 Resp: 28089
 Ion Ratio Lower Upper
 75 100
 155 85.9 45.3 135.9
 157 111.0 57.7 173.1

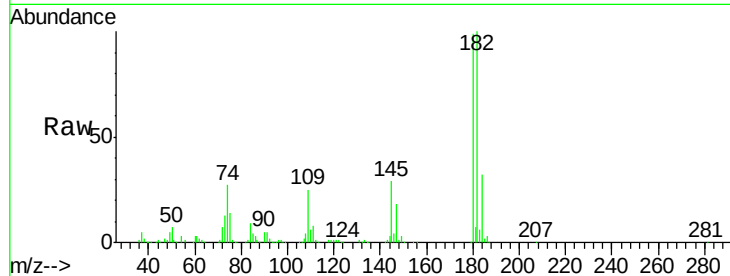




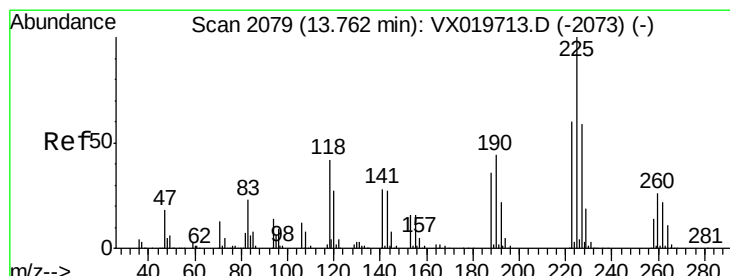
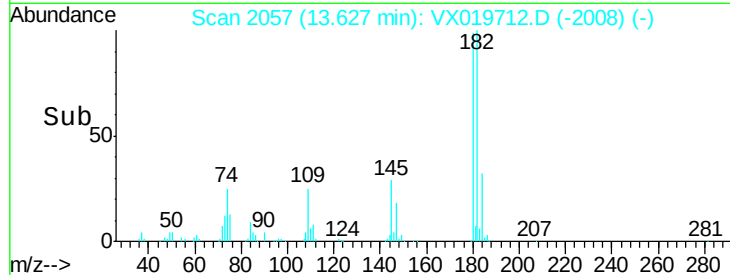
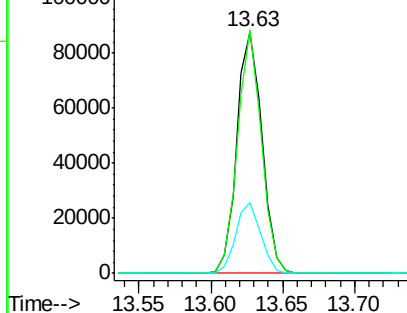
#93
 1,2,4-Trichlorobenzene
 Concen: 20.199 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tgt Ion:180 Resp: 106843
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 29.2 15.0 45.0

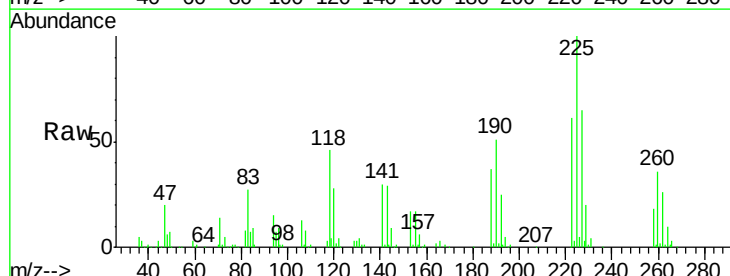


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

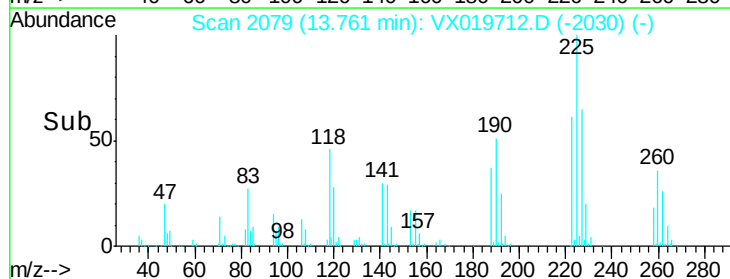
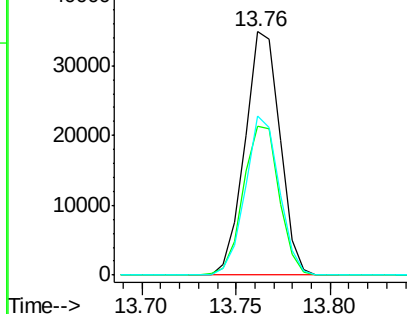


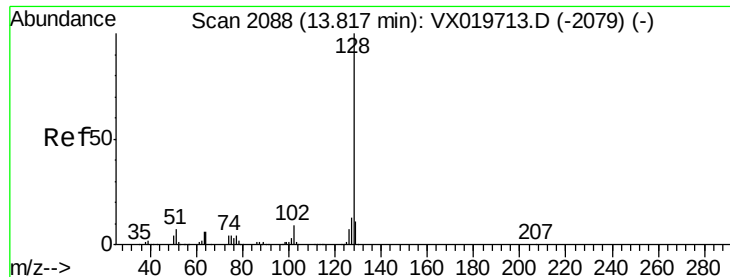
#94
 Hexachlorobutadiene
 Concen: 20.061 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019712.D
 Acq: 04 Dec 2020 11:36

Tgt Ion:225 Resp: 45024
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.1 93.2
 227 63.0 31.6 95.0



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

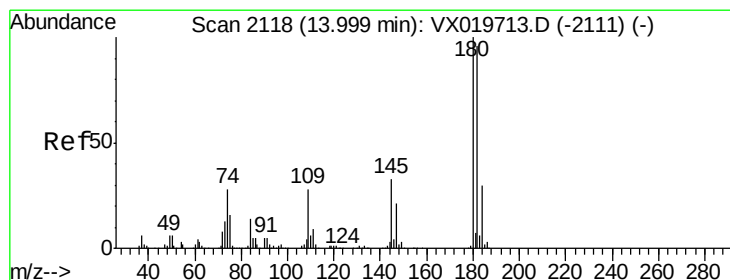
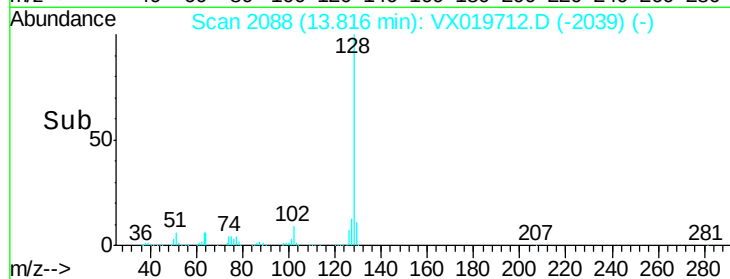
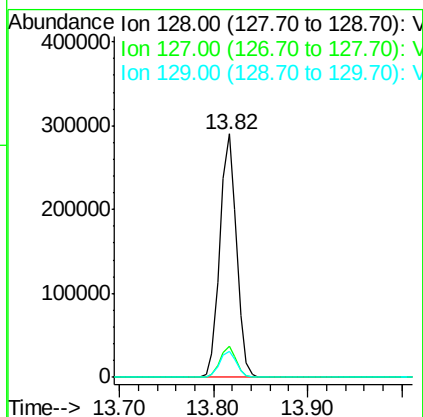
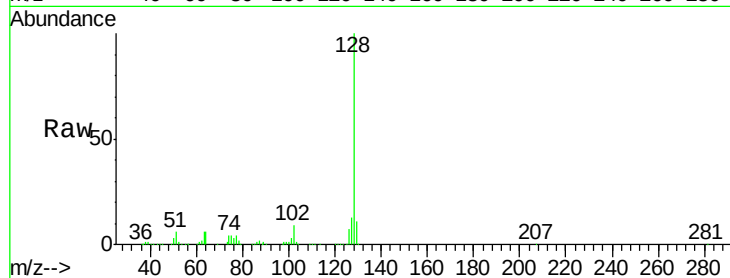




#95
Naphthalene
Concen: 20.703 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tgt Ion:128 Resp: 355349
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 19.925 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019712.D
Acq: 04 Dec 2020 11:36

Tgt Ion:180 Resp: 104547
Ion Ratio Lower Upper
180 100
182 96.1 47.6 142.9
145 31.8 16.1 48.3

