

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120420\
 Data File : VX019710.D
 Acq On : 04 Dec 2020 10:49
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Dec 04 13:15:06 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	5.62	168	352763	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	566951	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	511277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	235452	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	5745	1.23	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	2.46%#	
35) Dibromofluoromethane		5.46	113	4203	1.13	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	2.26%#	
50) Toluene-d8		8.69	98	15363	1.08	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	2.16%#	
62) 4-Bromofluorobenzene		11.12	95	5401	1.00	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	2.00%#	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	3075	0.892	ug/l	96
3) Chloromethane	1.31	50	4504	0.951	ug/l	96
4) Vinyl Chloride	1.39	62	3827	0.898	ug/l	92
5) Bromomethane	1.63	94	3657	2.402	ug/l	98
6) Chloroethane	1.71	64	2583	0.476	ug/l	99
7) Trichlorofluoromethane	1.92	101	5620	0.954	ug/l	97
8) Diethyl Ether	2.17	74	2551	1.030	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3144	0.900	ug/l	99
10) Methyl Iodide	2.49	142	4880	1.019	ug/l	96
11) Tert butyl alcohol	2.99	59	10580	10.206	ug/l #	86
12) 1,1-Dichloroethene	2.36	96	3163	0.903	ug/l	88
13) Acrolein	2.27	56	2958	4.963	ug/l	97
14) Allyl chloride	2.71	41	5604	0.995	ug/l	94
15) Acrylonitrile	3.11	53	10357	4.780	ug/l	99
16) Acetone	2.42	43	9683	5.142	ug/l	98
17) Carbon Disulfide	2.55	76	10236	1.077	ug/l	100
18) Methyl Acetate	2.75	43	4320	0.913	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	11162	0.904	ug/l	98
20) Methylene Chloride	2.83	84	6298	1.309	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	3742	0.945	ug/l	98
22) Diisopropyl ether	3.82	45	10413	0.893	ug/l	96
23) Vinyl Acetate	3.78	43	42900	4.369	ug/l	99
24) 1,1-Dichloroethane	3.67	63	6574	0.930	ug/l	96
25) 2-Butanone	4.63	43	13224	4.751	ug/l	95
26) 2,2-Dichloropropane	4.55	77	5519	0.936	ug/l	100
27) cis-1,2-Dichloroethene	4.55	96	4562	0.989	ug/l	93
28) Bromochloromethane	4.97	49	3331	1.034	ug/l #	94
29) Tetrahydrofuran	5.09	42	8543	4.800	ug/l	98
30) Chloroform	5.16	83	6830	0.941	ug/l #	82
31) Cyclohexane	5.53	56	5432	0.879	ug/l	95
32) 1,1,1-Trichloroethane	5.45	97	5708	0.921	ug/l #	50
36) 1,1-Dichloropropene	5.76	75	5152	0.983	ug/l	96
37) Ethyl Acetate	4.78	43	5174	0.986	ug/l	96
38) Carbon Tetrachloride	5.75	117	4942	0.949	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	5653	0.918	ug/l	98
40) Benzene	6.10	78	15704	0.961	ug/l	91
41) Methacrylonitrile	5.00	41	2999	1.032	ug/l	96
42) 1,2-Dichloroethane	6.15	62	5264	0.937	ug/l	99
43) Isopropyl Acetate	6.40	43	8333	0.959	ug/l	96
44) Trichloroethene	7.18	130	4114	0.964	ug/l	96
45) 1,2-Dichloropropane	7.48	63	3843	0.935	ug/l	95
46) Dibromomethane	7.63	93	2546	0.923	ug/l	97
47) Bromodichloromethane	7.87	83	4989	0.913	ug/l	88
48) Methyl methacrylate	7.74	41	3877	0.903	ug/l	95
49) 1,4-Dioxane	7.71	88	1917	19.414	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	23017	4.335	ug/l	99
52) Toluene	8.76	92	9358	0.920	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	4884	0.815	ug/l	93
54) cis-1,3-Dichloropropene	8.42	75	5562	0.849	ug/l	95
55) 1,1,2-Trichloroethane	9.19	97	3674	0.893	ug/l	95
56) Ethyl methacrylate	9.15	69	5000	0.809	ug/l	95
57) 1,3-Dichloropropane	9.35	76	6593	0.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	14537	4.488	ug/l	99
59) 2-Hexanone	9.47	43	17177	4.277	ug/l	95
60) Dibromochloromethane	9.56	129	3222	0.762	ug/l	95
61) 1,2-Dibromoethane	9.65	107	4058	0.939	ug/l	93
64) Tetrachloroethene	9.32	164	3615	1.024	ug/l	89
65) Chlorobenzene	10.12	112	10289	0.971	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	3344	0.868	ug/l #	65
67) Ethyl Benzene	10.23	91	17152	0.917	ug/l	99
68) m/p-Xylenes	10.34	106	12599	1.802	ug/l	98
69) o-Xylene	10.68	106	5919	0.872	ug/l	95
70) Styrene	10.70	104	9263	0.814	ug/l	97
71) Bromoform	10.84	173	2214	0.743	ug/l #	92
73) Isopropylbenzene	11.00	105	15267	0.931	ug/l	100
74) N-amyl acetate	10.88	43	5865	0.891	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	5730	0.965	ug/l	96
76) 1,2,3-Trichloropropane	11.28	75	6271	1.162	ug/l	90
77) Bromobenzene	11.24	156	4152	0.977	ug/l	98
78) n-propylbenzene	11.34	91	17087	0.904	ug/l	99
79) 2-Chlorotoluene	11.40	91	11259	0.979	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	12272	0.885	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.05	75	1548	0.802	ug/l	90
82) 4-Chlorotoluene	11.49	91	13086	0.976	ug/l	96
83) tert-Butylbenzene	11.75	119	12483	0.909	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	12280	0.876	ug/l	100
85) sec-Butylbenzene	11.93	105	13834	0.887	ug/l	100
86) p-Isopropyltoluene	12.05	119	12210	0.849	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	7873	1.018	ug/l	95
88) 1,4-Dichlorobenzene	12.01	146	7873	0.997	ug/l	95
89) n-Butylbenzene	12.37	91	11216	0.890	ug/l	98
90) Hexachloroethane	12.58	117	2143	0.876	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	7594	1.003	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1176	0.938	ug/l	92

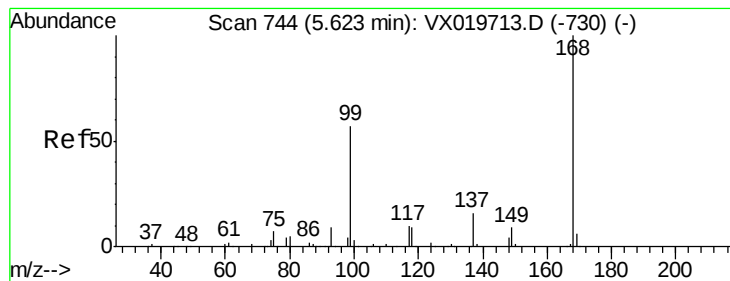
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120420\
Data File : VX019710.D
Acq On : 04 Dec 2020 10:49
Operator : JC/MD
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VSTDICC001

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	4660	0.950	ug/l	96
94) Hexachlorobutadiene	13.76	225	2594	1.246	ug/l	98
95) Naphthalene	13.82	128	14167	0.890	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	4544	0.934	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

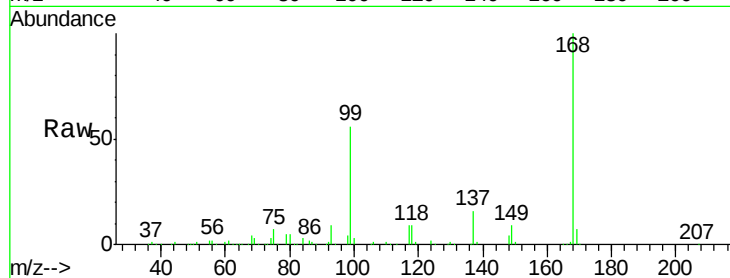
VSTDIC001

Tgt Ion:168 Resp: 352763

Ion Ratio Lower Upper

168 100

99 56.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

150000

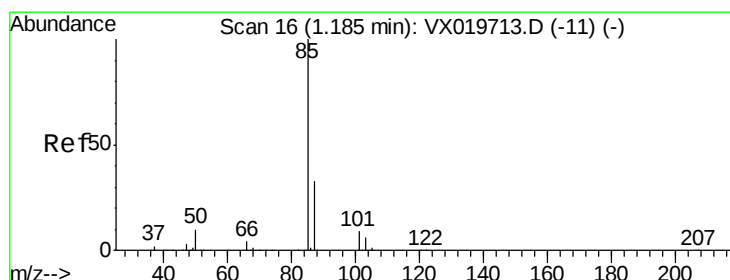
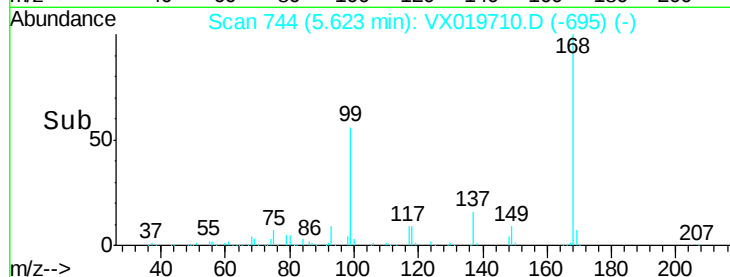
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.892 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019710.D

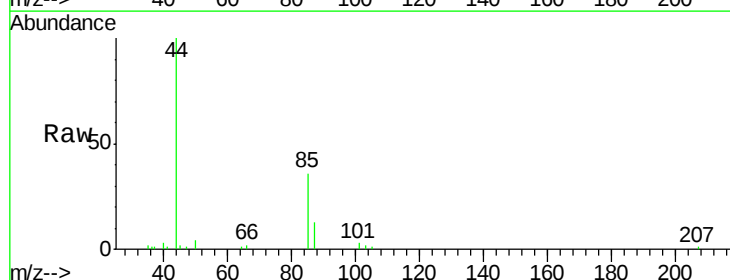
Acq: 04 Dec 2020 10:49

Tgt Ion: 85 Resp: 3075

Ion Ratio Lower Upper

85 100

87 35.1 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

4000

3000

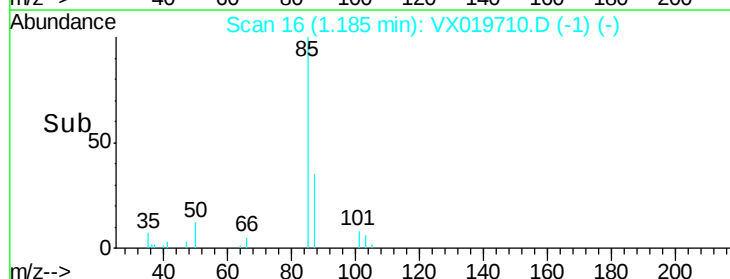
2000

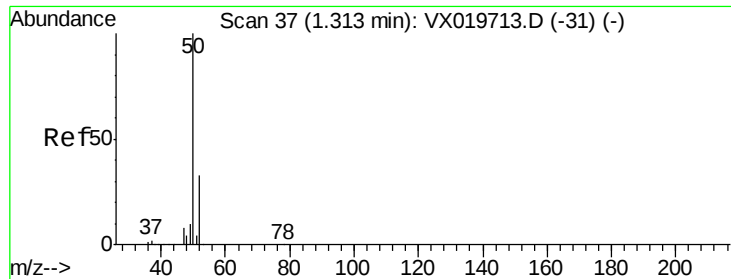
1000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 0.951 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

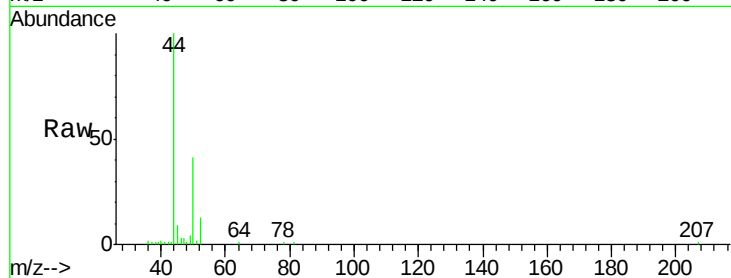
VSTDIC001

Tgt Ion: 50 Resp: 4504

Ion Ratio Lower Upper

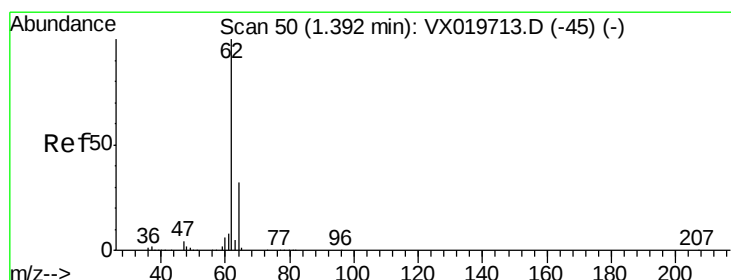
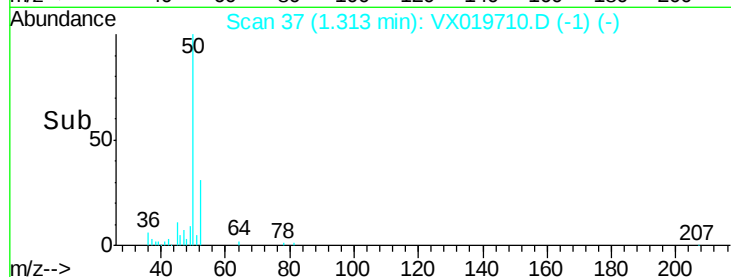
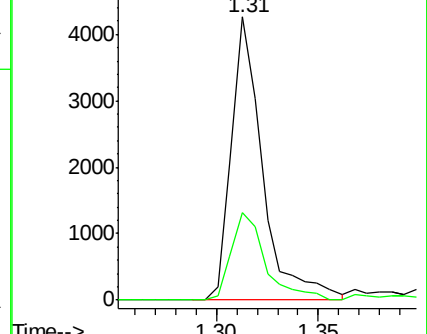
50 100

52 30.7 26.4 39.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.898 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019710.D

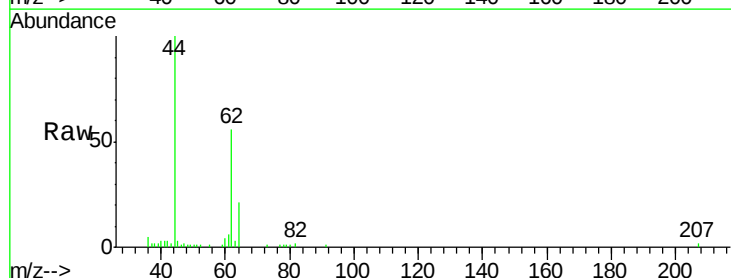
Acq: 04 Dec 2020 10:49

Tgt Ion: 62 Resp: 3827

Ion Ratio Lower Upper

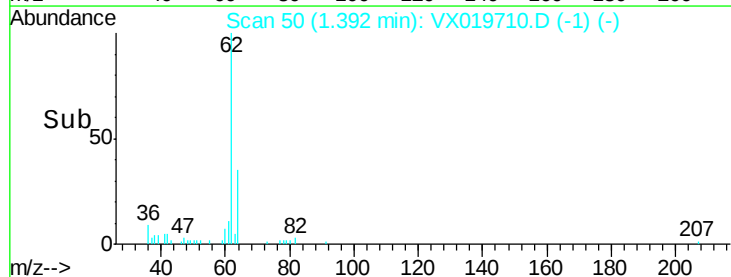
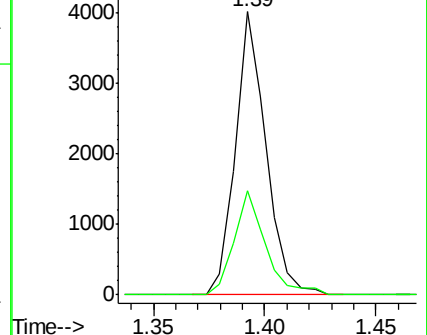
62 100

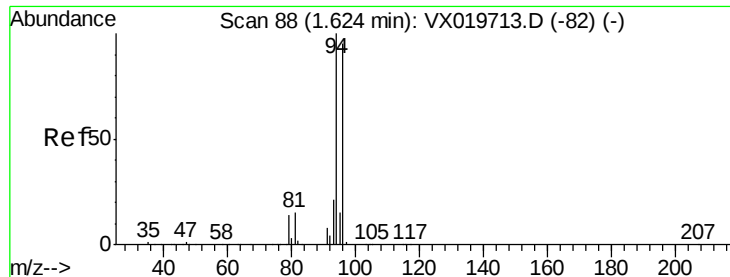
64 36.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 2.402 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

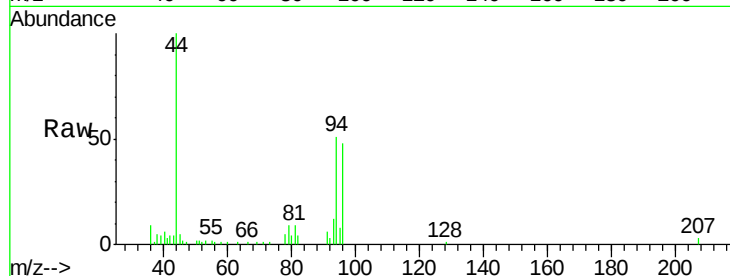
VSTDIC001

Tgt Ion: 94 Resp: 3657

Ion Ratio Lower Upper

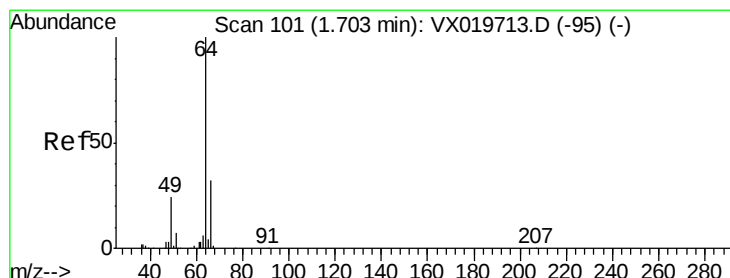
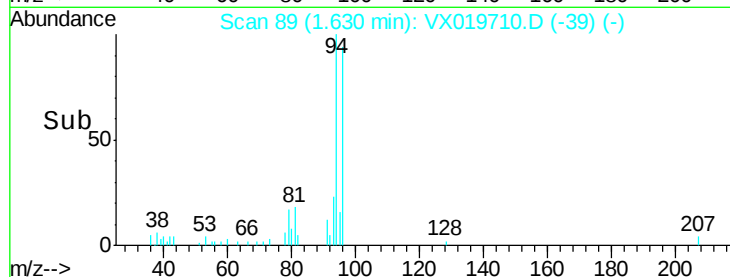
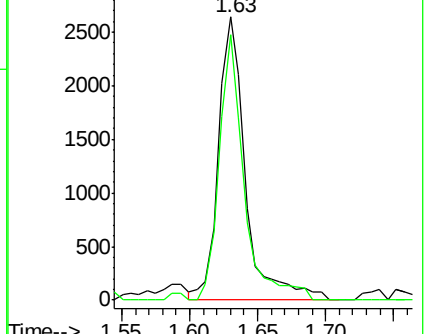
94 100

96 93.9 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: 0.476 ug/l

RT: 1.71 min Scan# 102

Delta R.T. 0.01 min

Lab File: VX019710.D

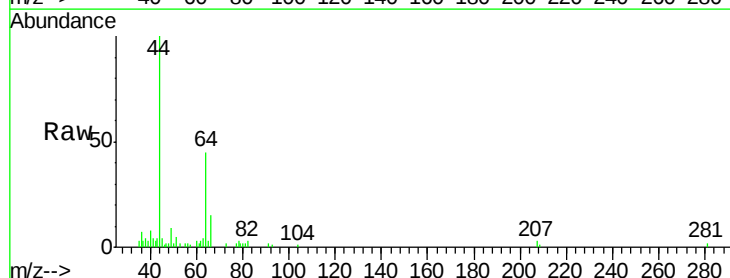
Acq: 04 Dec 2020 10:49

Tgt Ion: 64 Resp: 2583

Ion Ratio Lower Upper

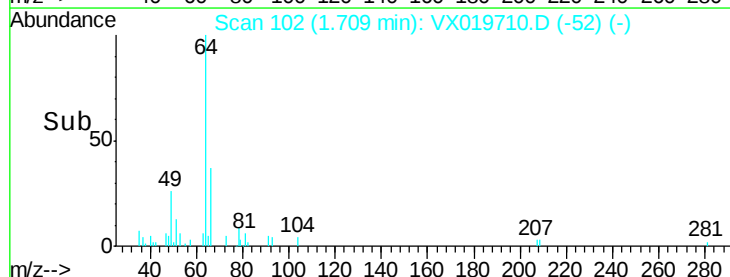
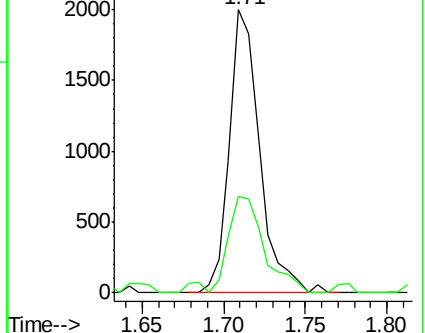
64 100

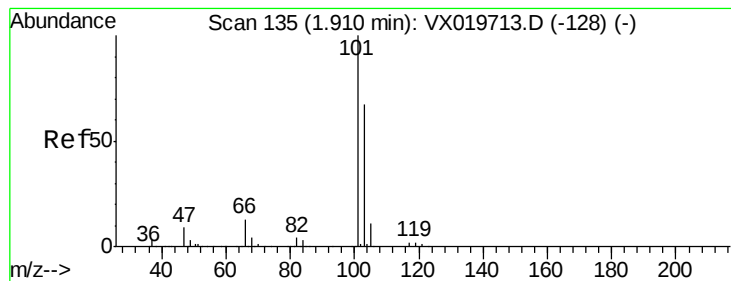
66 31.0 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 0.954 ug/l

RT: 1.92 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

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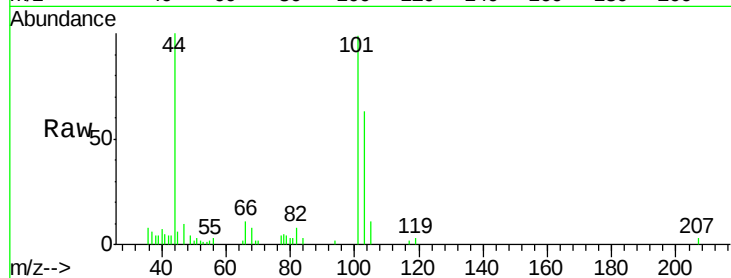
VSTDIC001

Tgt Ion:101 Resp: 5620

Ion Ratio Lower Upper

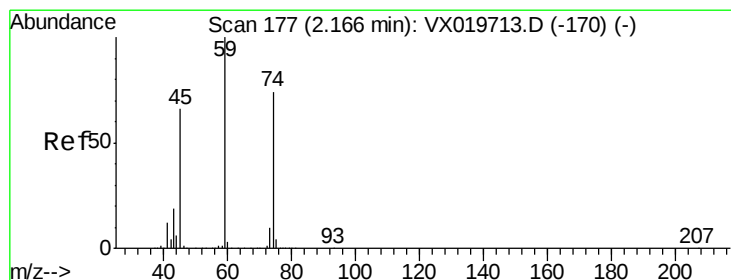
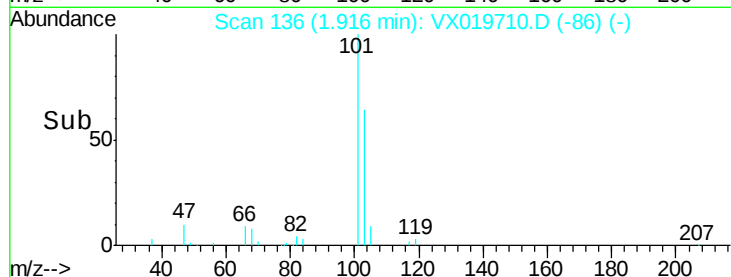
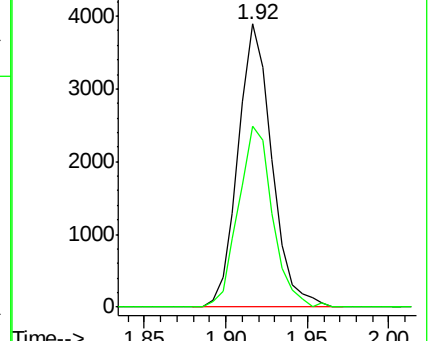
101 100

103 63.8 53.2 79.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.030 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX019710.D

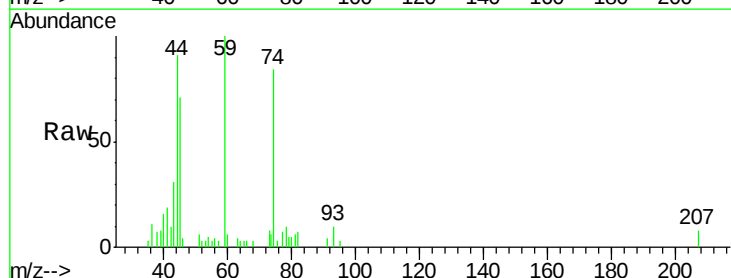
Acq: 04 Dec 2020 10:49

Tgt Ion: 74 Resp: 2551

Ion Ratio Lower Upper

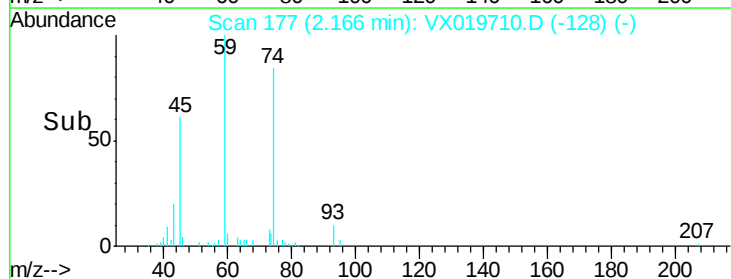
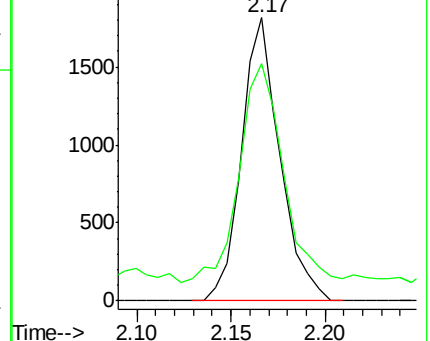
74 100

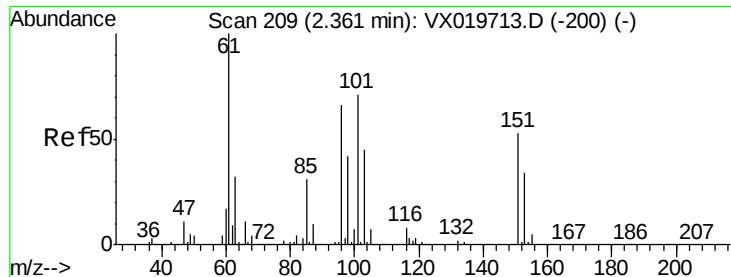
45 87.6 44.5 133.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.900 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

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MSVOA_X

ClientSampleId :

VSTDIC001

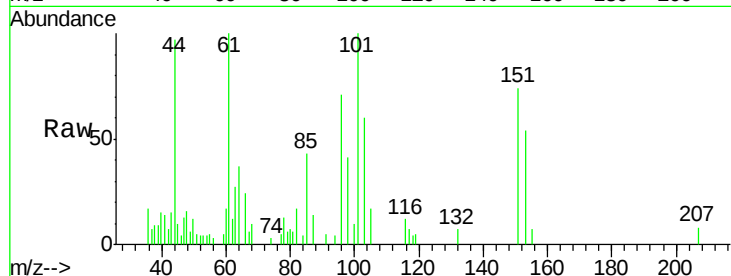
Tgt Ion:101 Resp: 3144

Ion Ratio Lower Upper

101 100

85 42.3 34.9 52.3

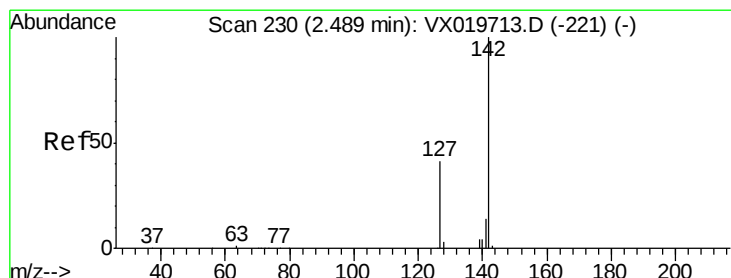
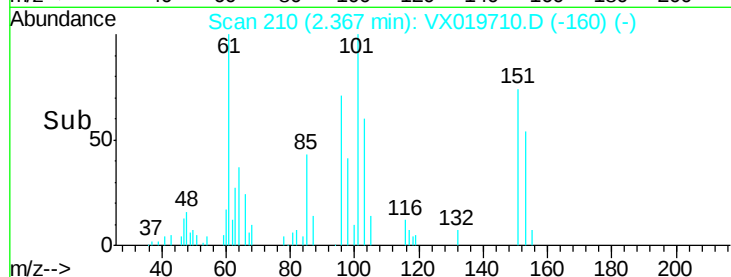
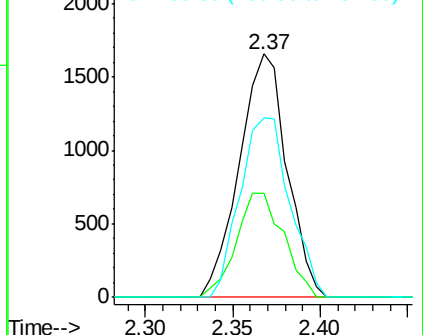
151 77.2 61.4 92.2



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: 1.019 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

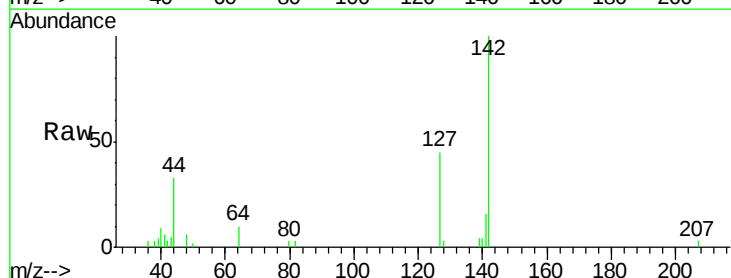
Tgt Ion:142 Resp: 4880

Ion Ratio Lower Upper

142 100

127 44.7 33.3 49.9

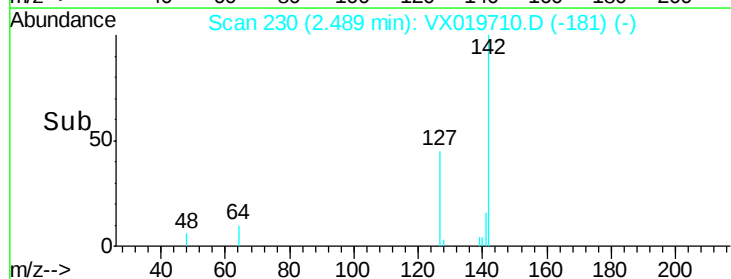
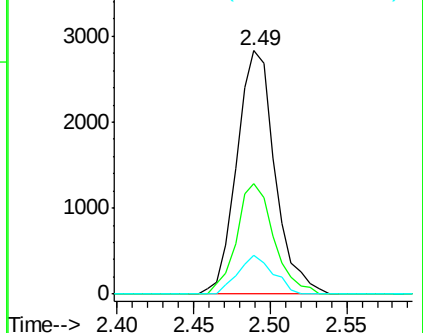
141 14.7 11.4 17.0

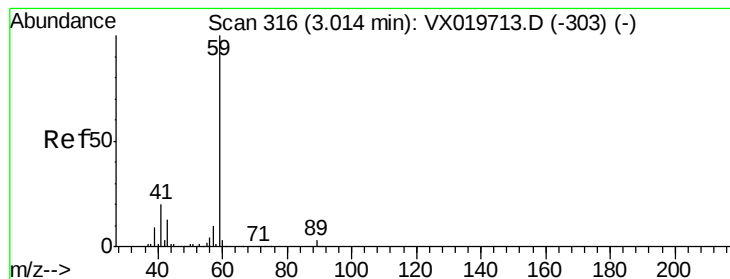


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 10.206 ug/l

RT: 2.99 min Scan# 312

Delta R.T. -0.02 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

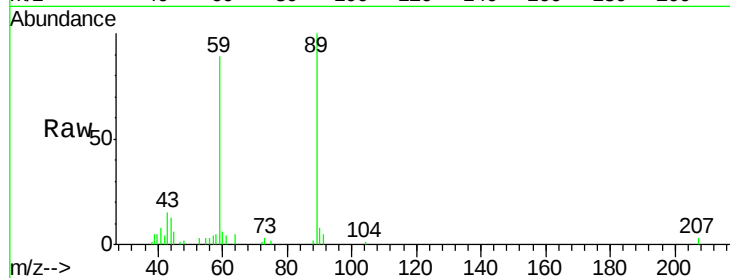
VSTDIC001

Tgt Ion: 59 Resp: 10580

Ion Ratio Lower Upper

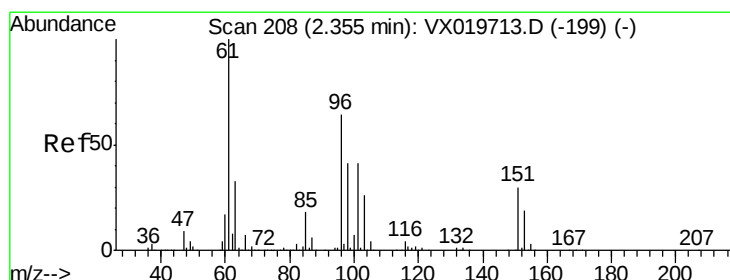
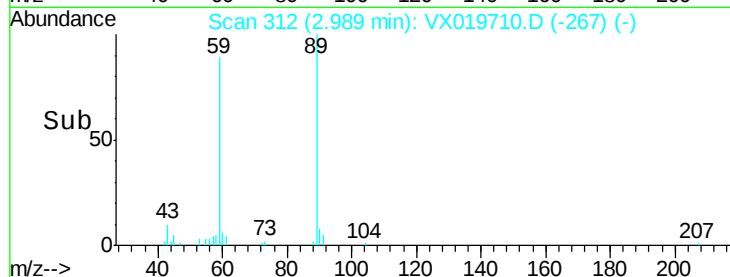
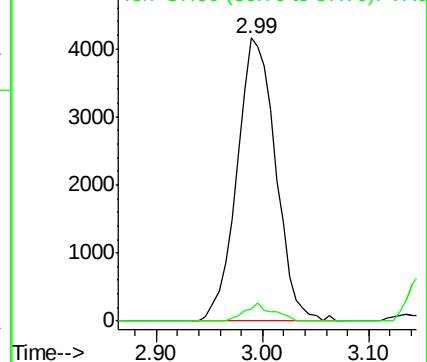
59 100

57 4.7 7.8 11.8#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 0.903 ug/l

RT: 2.36 min Scan# 208

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

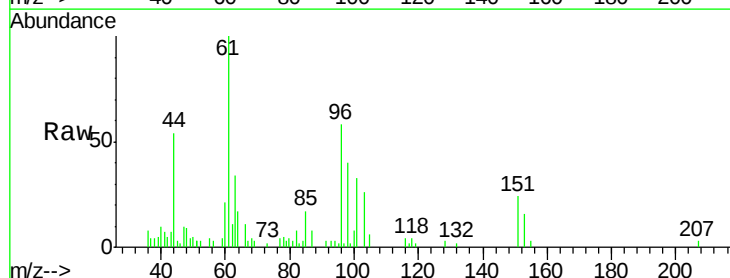
Tgt Ion: 96 Resp: 3163

Ion Ratio Lower Upper

96 100

61 173.7 124.6 187.0

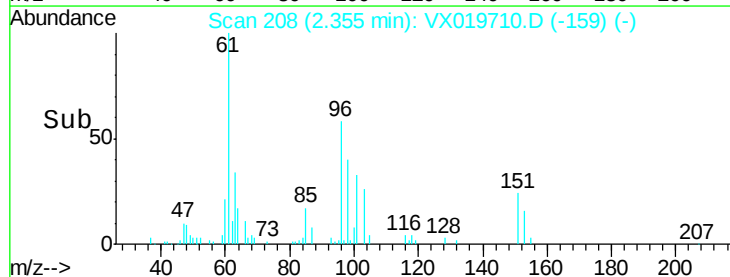
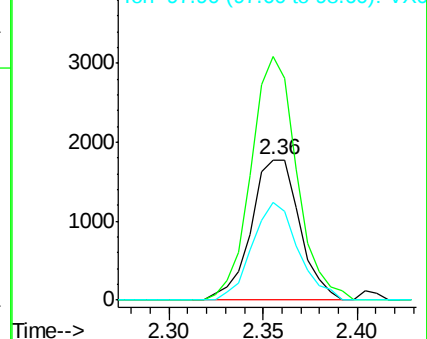
98 69.6 50.6 76.0

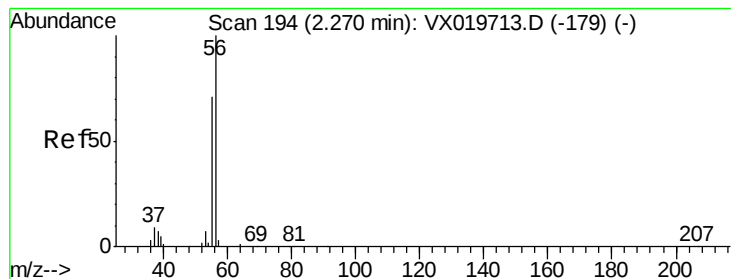


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 4.963 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

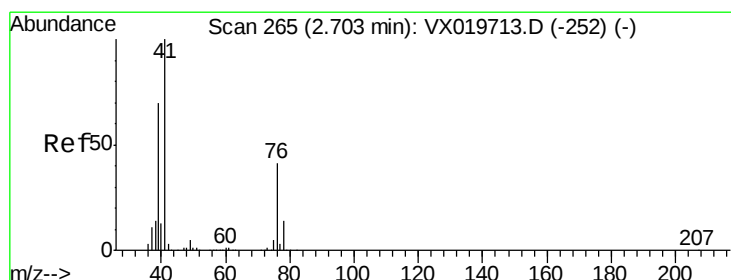
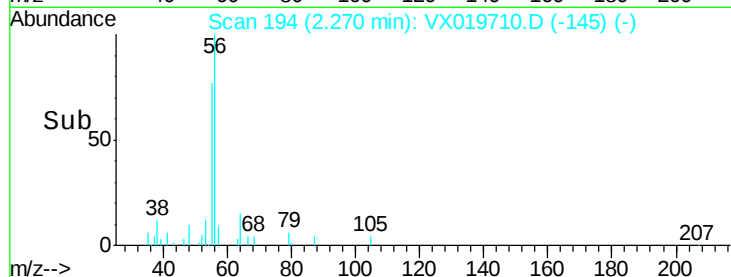
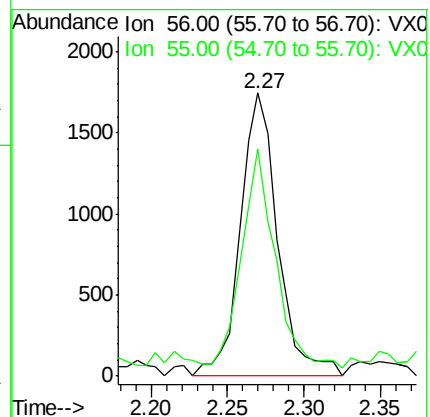
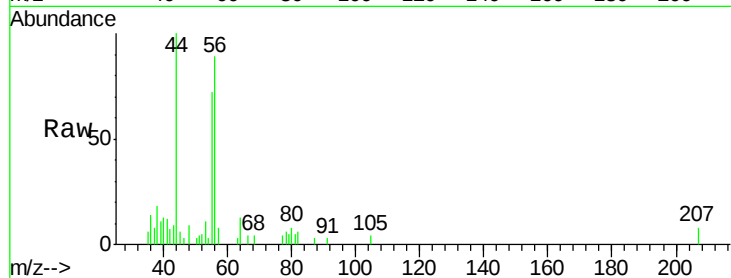
VSTDIC001

Tgt Ion: 56 Resp: 2958

Ion Ratio Lower Upper

56 100

55 73.2 56.4 84.6



#14

Allyl chloride

Concen: 0.995 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

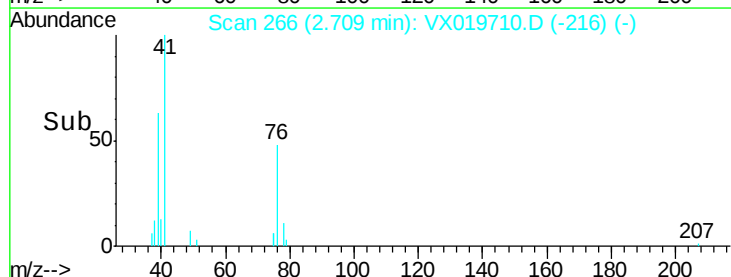
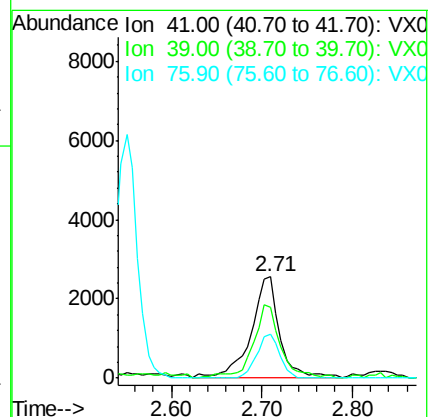
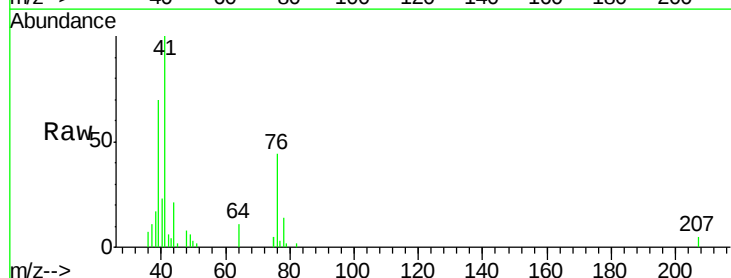
Tgt Ion: 41 Resp: 5604

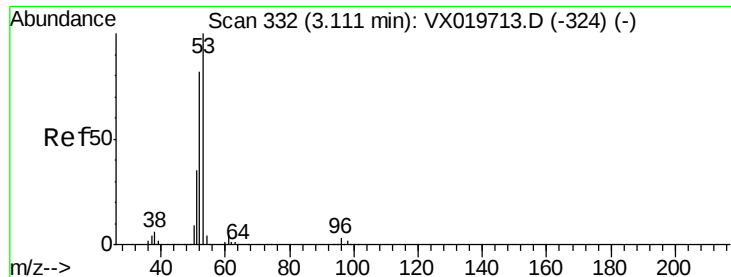
Ion Ratio Lower Upper

41 100

39 69.0 51.6 77.4

76 34.3 30.5 45.7





#15

Acrylonitrile

Concen: 4.780 ug/l

RT: 3.11 min Scan# 332

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

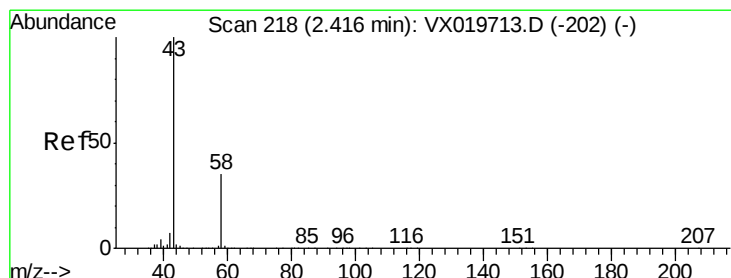
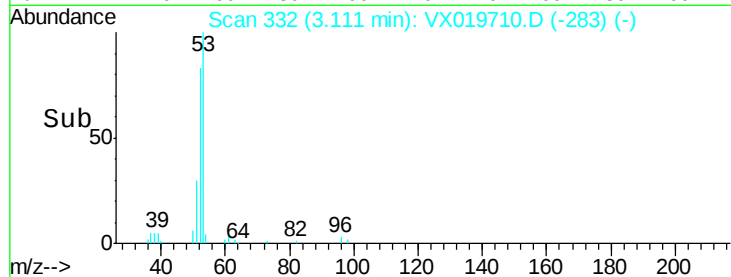
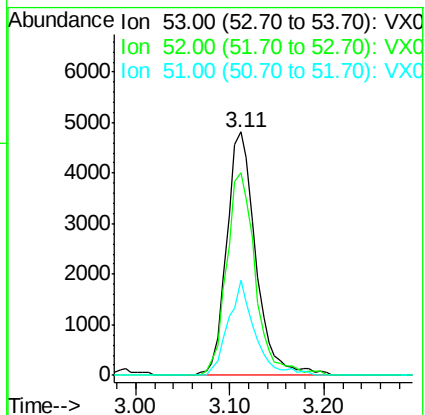
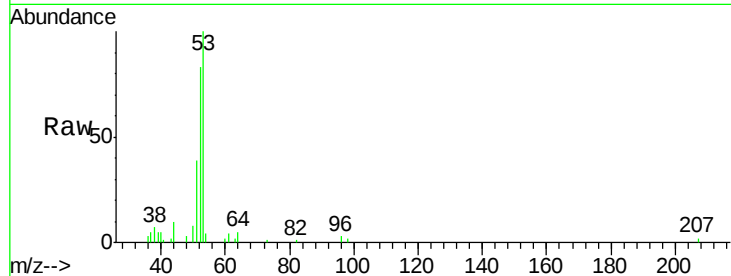
Tgt Ion: 53 Resp: 10357

Ion Ratio Lower Upper

53 100

52 82.5 65.3 97.9

51 35.6 28.2 42.2



#16

Acetone

Concen: 5.142 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019710.D

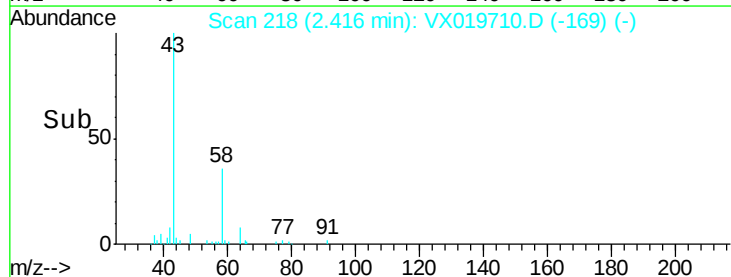
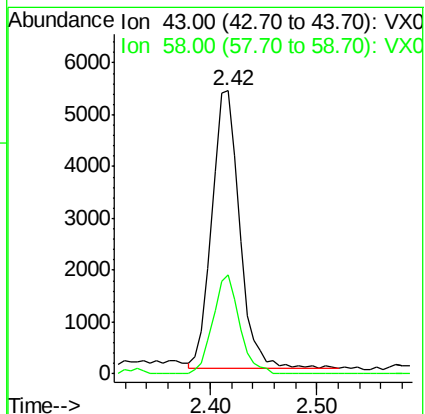
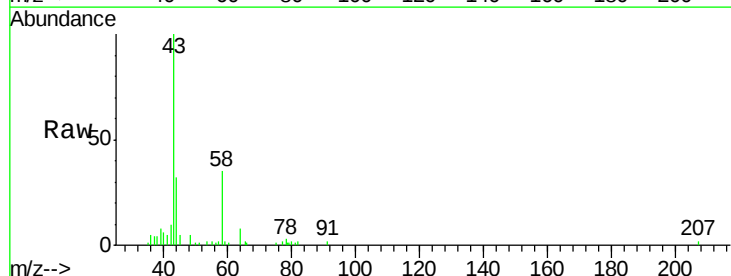
Acq: 04 Dec 2020 10:49

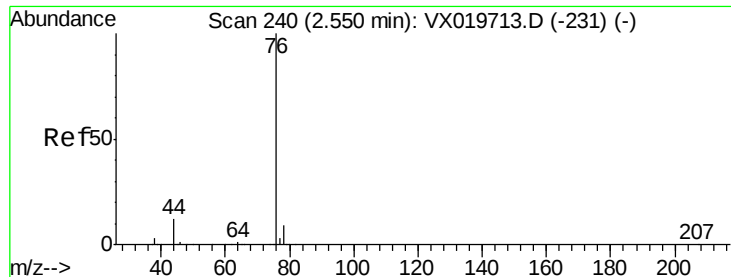
Tgt Ion: 43 Resp: 9683

Ion Ratio Lower Upper

43 100

58 35.7 27.8 41.8

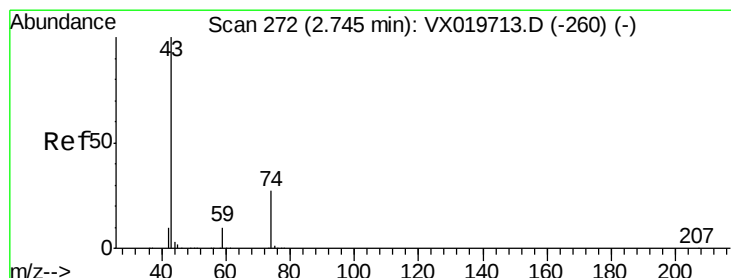
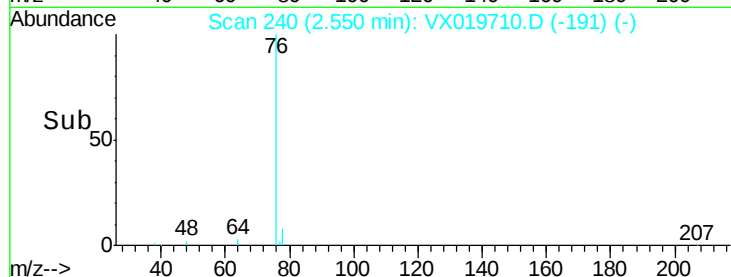
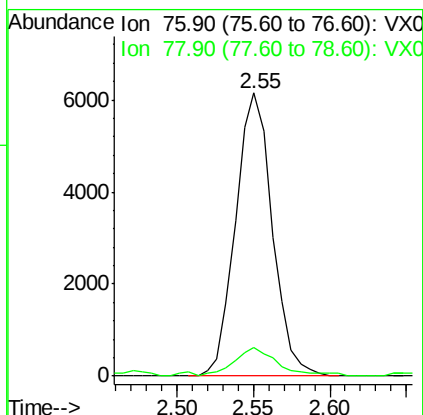
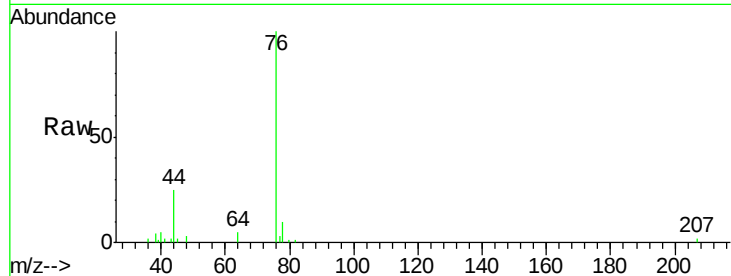




#17
Carbon Disulfide
Concen: 1.077 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

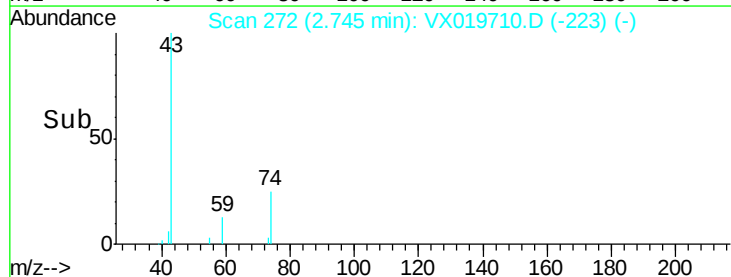
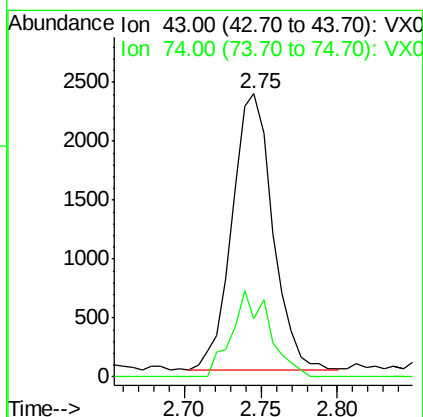
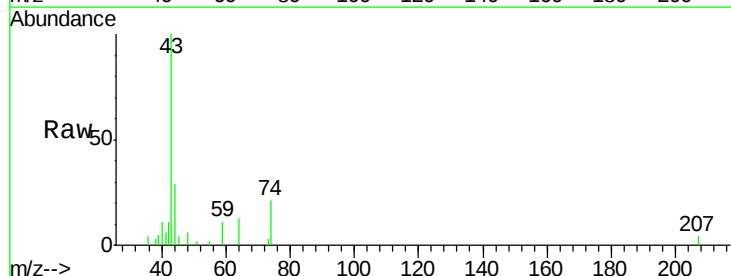
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

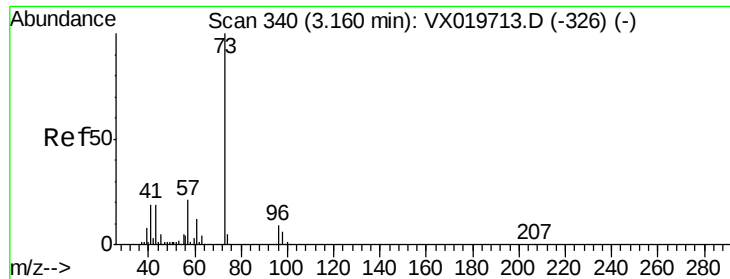
Tgt Ion: 76 Resp: 10236
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 0.913 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion: 43 Resp: 4320
Ion Ratio Lower Upper
43 100
74 28.9 21.9 32.9



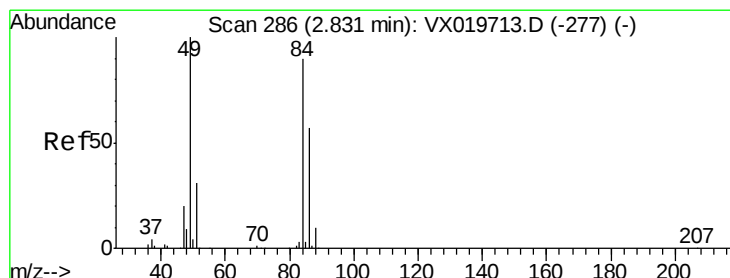
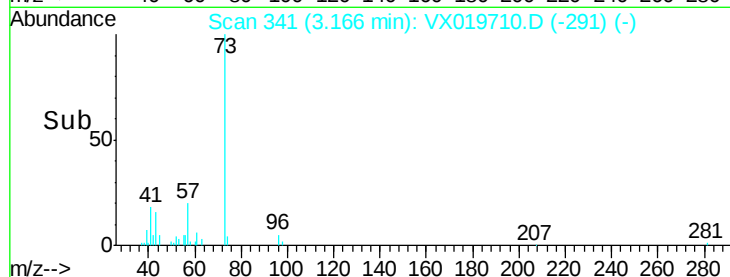
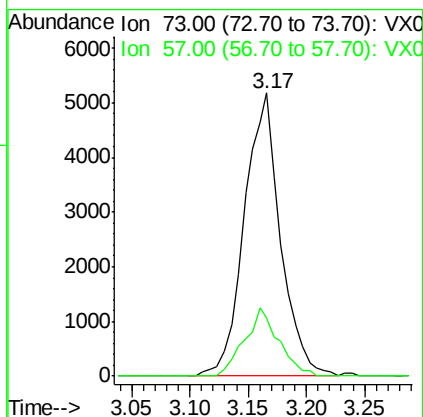
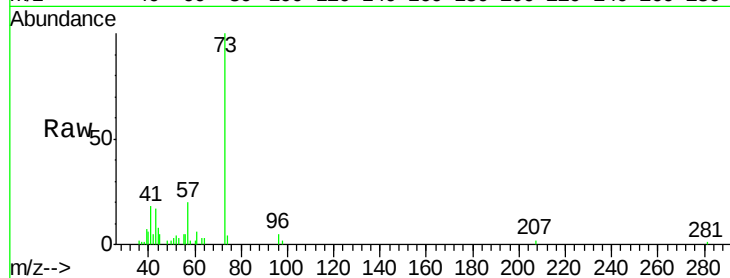


#19

Methyl tert-butyl Ether
 Concen: 0.904 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. 0.01 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

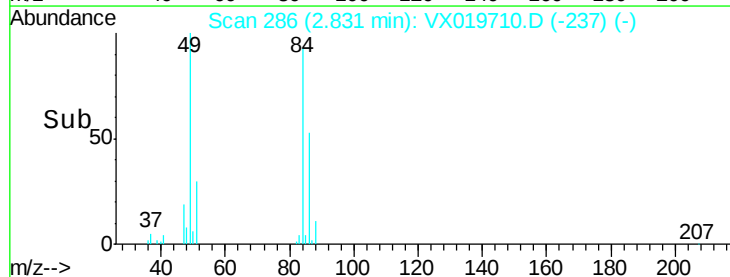
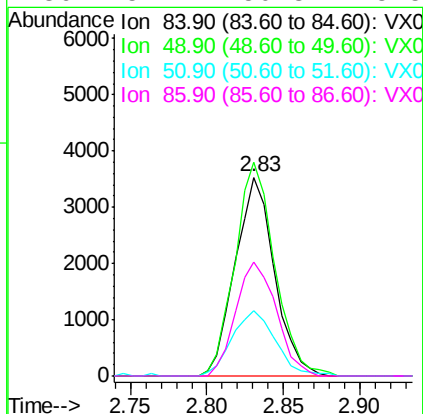
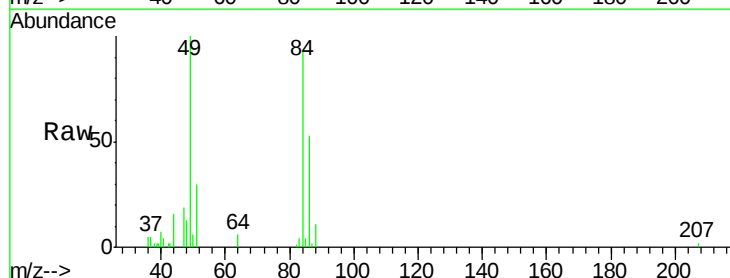
Tgt Ion: 73 Resp: 11162
 Ion Ratio Lower Upper
 73 100
 57 20.5 17.1 25.7

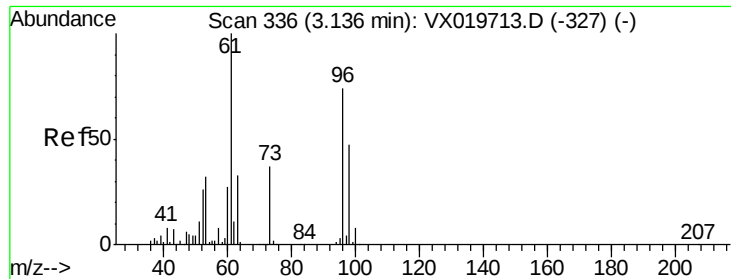


#20

Methylene Chloride
 Concen: 1.309 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion: 84 Resp: 6298
 Ion Ratio Lower Upper
 84 100
 49 107.6 88.6 132.8
 51 32.7 27.0 40.6
 86 57.1 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 0.945 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.01 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

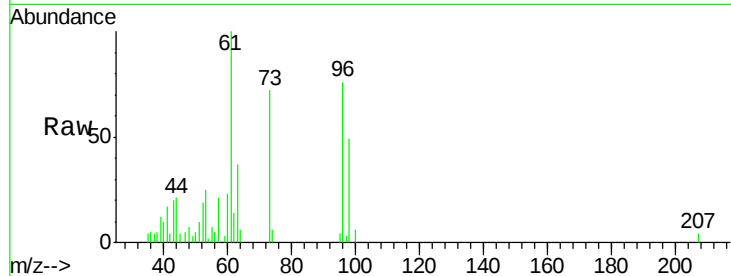
Tgt Ion: 96 Resp: 3742

Ion Ratio Lower Upper

96 100

61 132.4 107.7 161.5

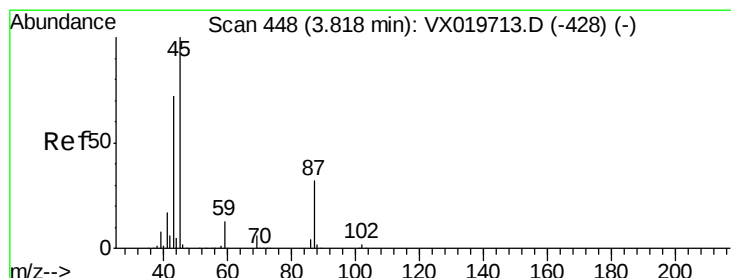
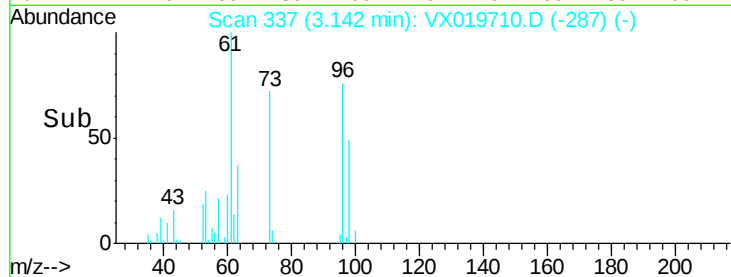
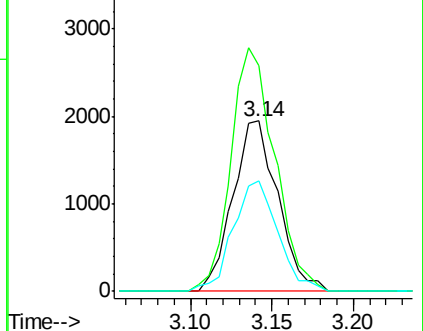
98 64.9 50.4 75.6



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: 0.893 ug/l

RT: 3.82 min Scan# 448

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Tgt Ion: 45 Resp: 10413

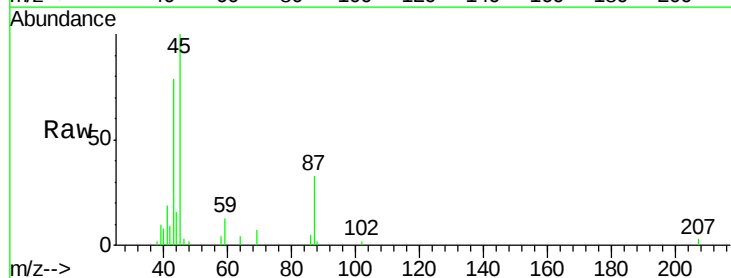
Ion Ratio Lower Upper

45 100

43 76.7 58.0 87.0

87 33.3 25.4 38.0

59 12.6 10.2 15.2

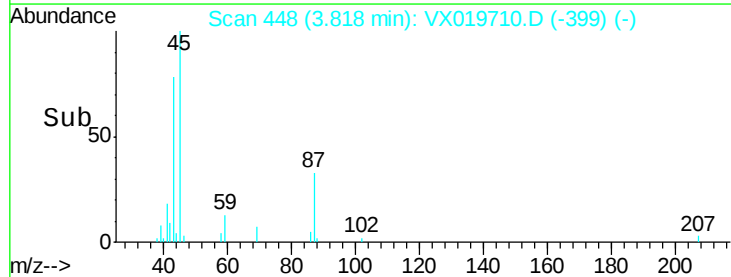
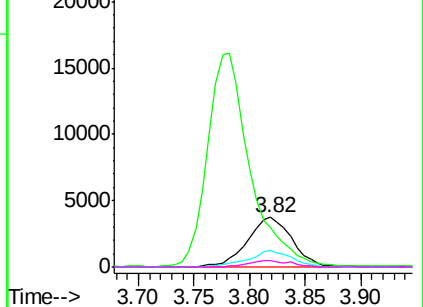


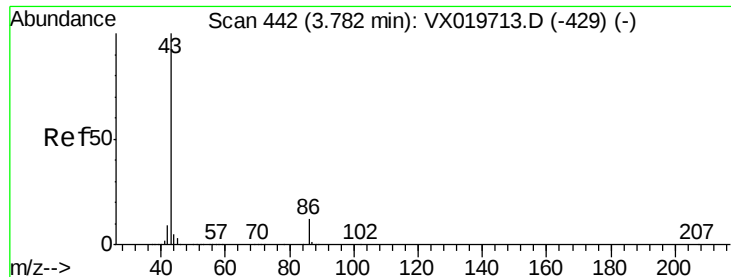
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 4.369 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

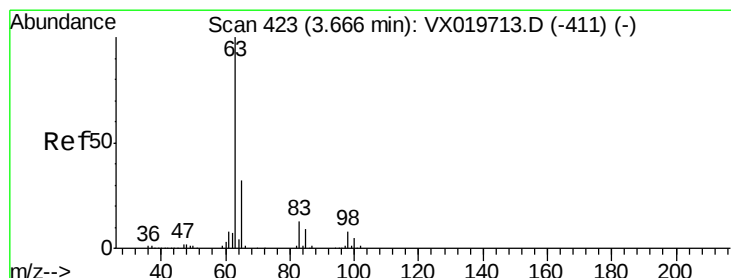
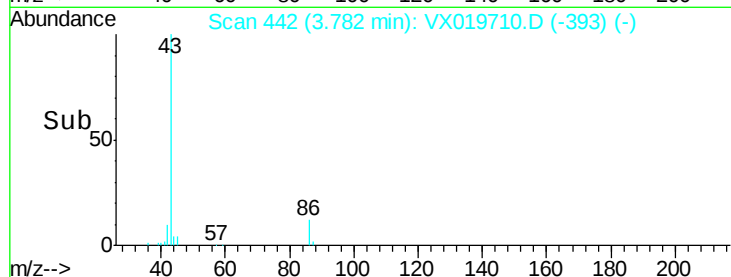
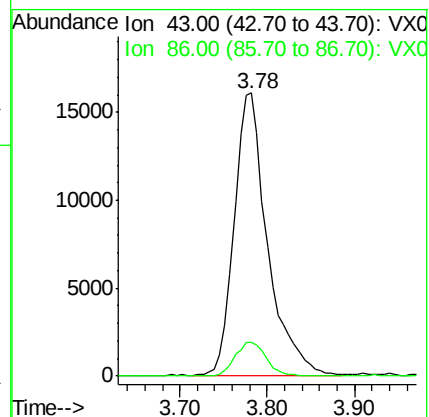
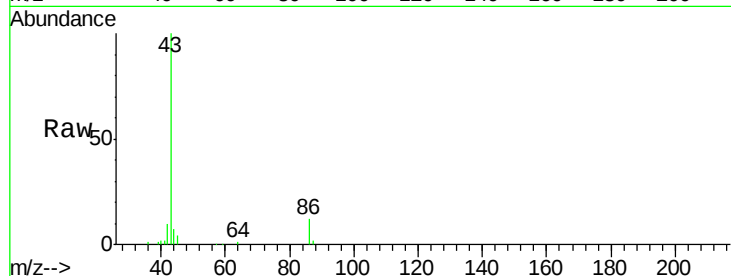
VSTDIC001

Tgt Ion: 43 Resp: 42900

Ion Ratio Lower Upper

43 100

86 12.1 9.9 14.9



#24

1,1-Dichloroethane

Concen: 0.930 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

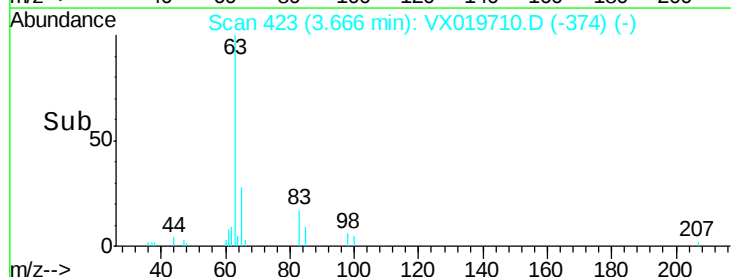
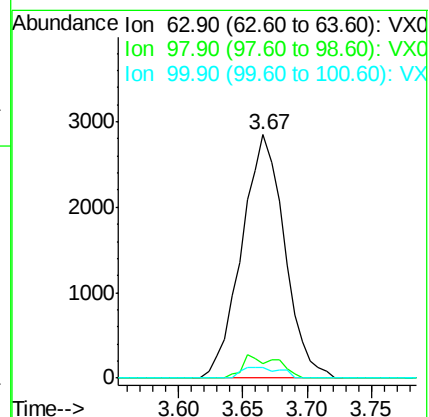
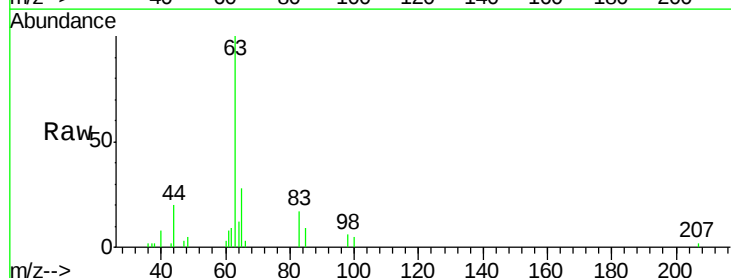
Tgt Ion: 63 Resp: 6574

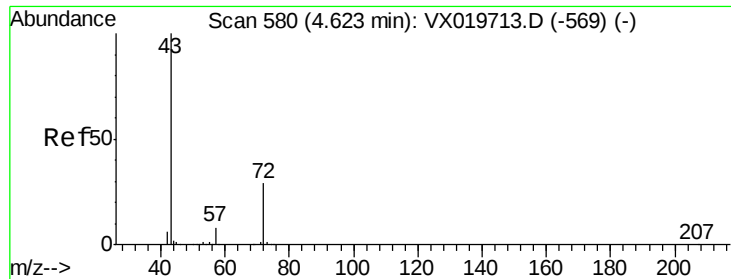
Ion Ratio Lower Upper

63 100

98 5.8 3.8 11.2

100 4.5 2.5 7.5





#25

2-Butanone

Concen: 4.751 ug/l

RT: 4.63 min Scan# 581

Delta R.T. 0.01 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

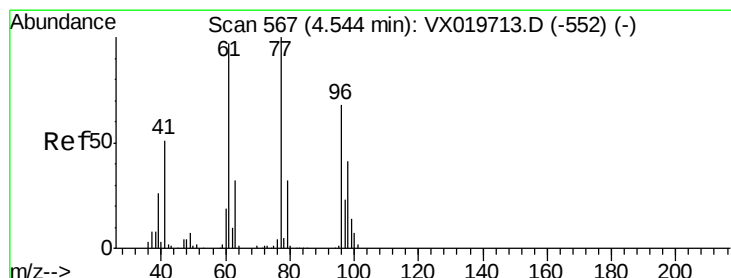
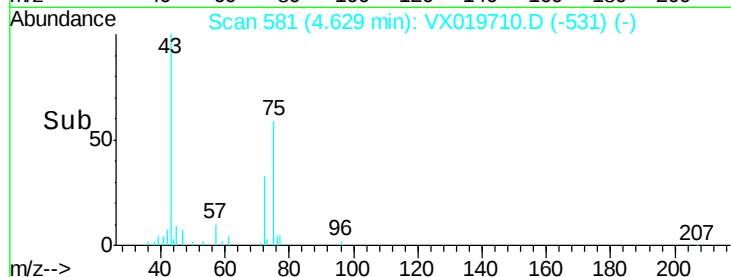
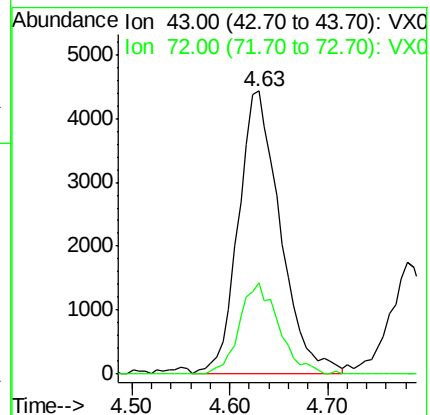
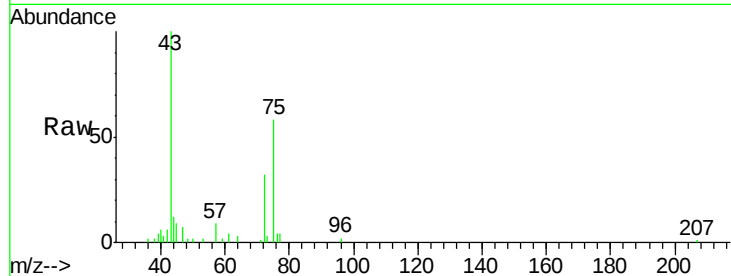
VSTDIC001

Tgt Ion: 43 Resp: 13224

Ion Ratio Lower Upper

43 100

72 32.2 23.7 35.5



#26

2,2-Dichloropropane

Concen: 0.936 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.01 min

Lab File: VX019710.D

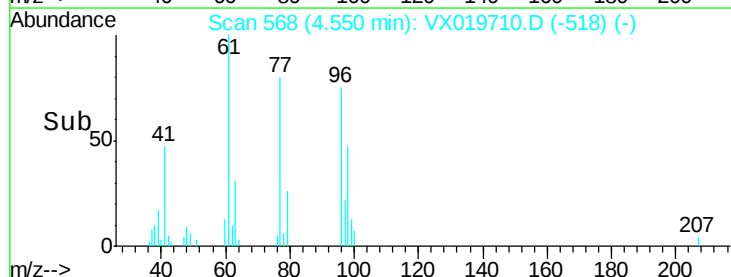
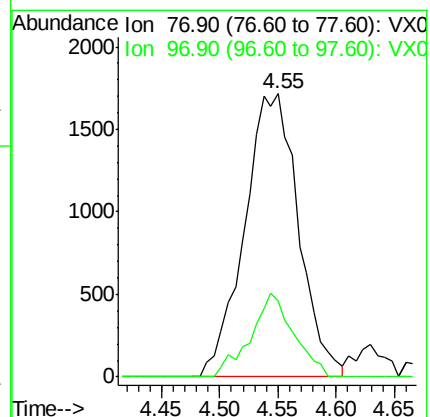
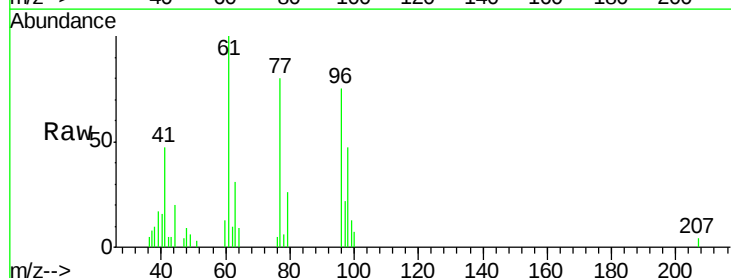
Acq: 04 Dec 2020 10:49

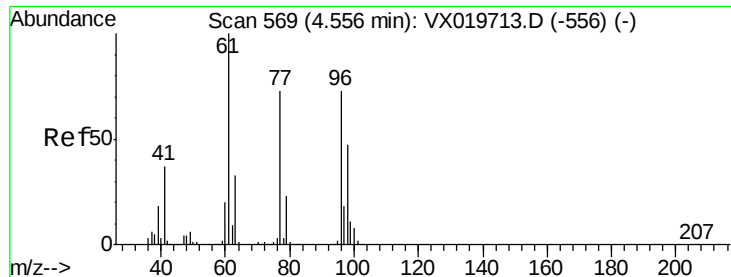
Tgt Ion: 77 Resp: 5519

Ion Ratio Lower Upper

77 100

97 23.5 11.7 35.1



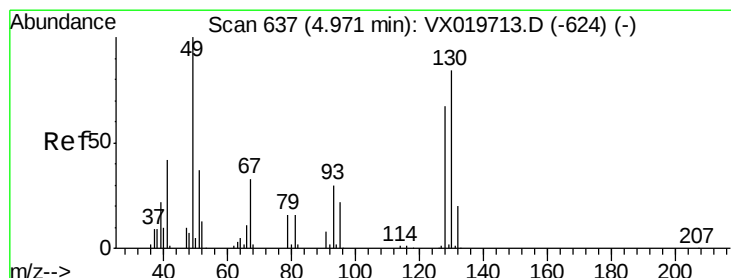
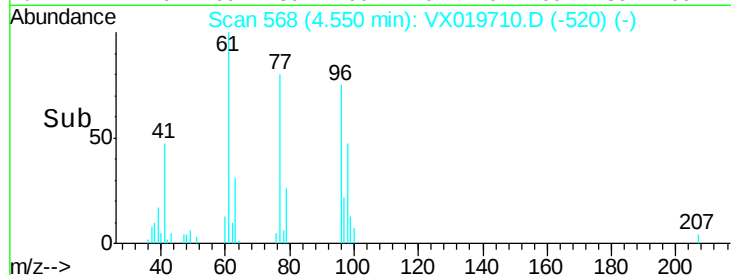
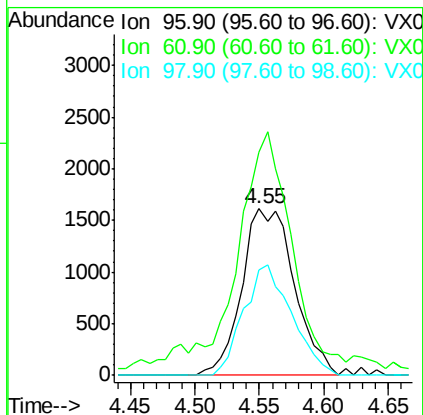
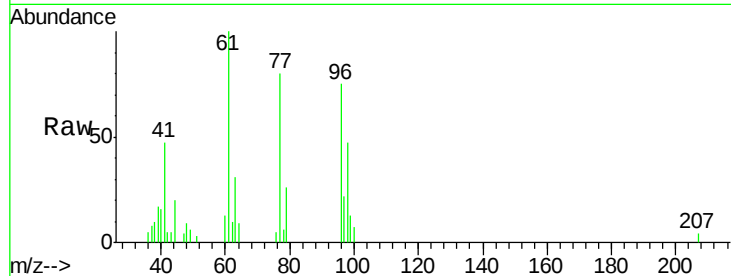


#27

cis-1,2-Dichloroethene
Concen: 0.989 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

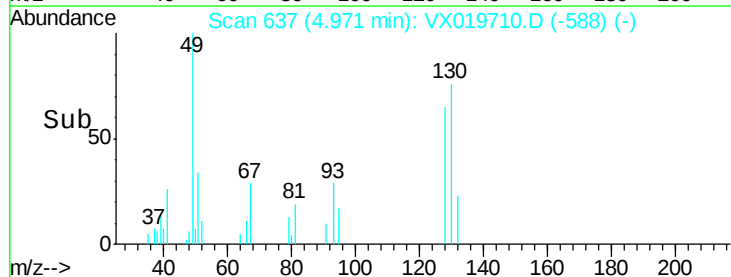
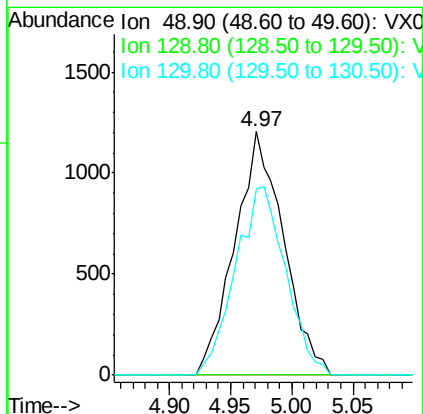
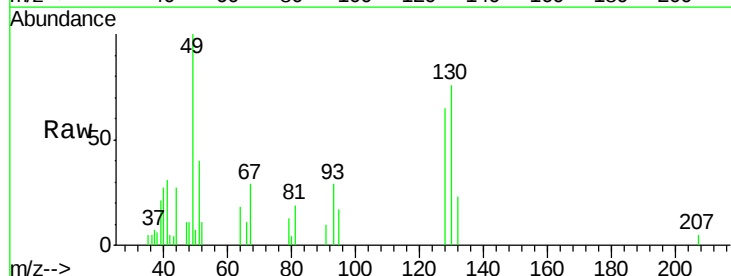
Tgt Ion: 96 Resp: 4562
Ion Ratio Lower Upper
96 100
61 132.5 0.0 285.6
98 60.5 0.0 129.6

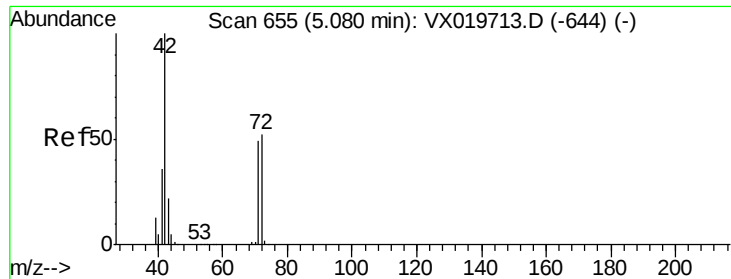


#28

Bromochloromethane
Concen: 1.034 ug/l
RT: 4.97 min Scan# 637
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion: 49 Resp: 3331
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 79.7 68.2 102.2

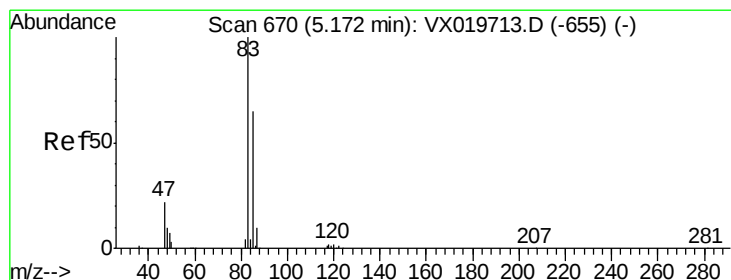
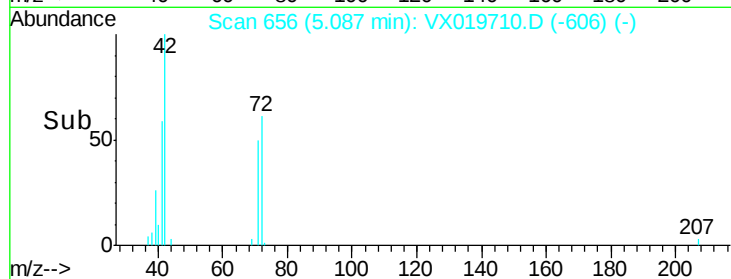
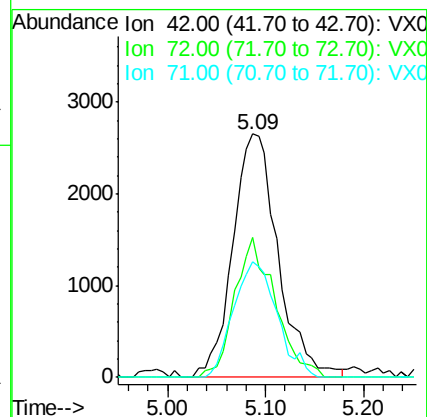
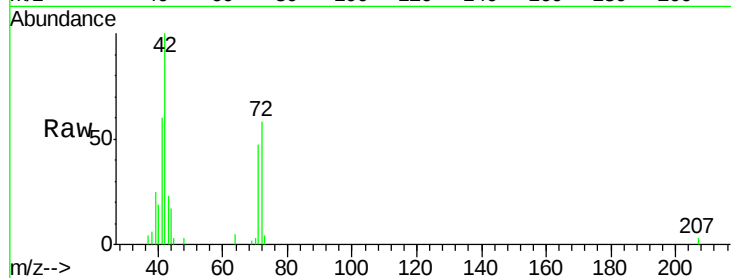




#29
Tetrahydrofuran
Concen: 4.800 ug/l
RT: 5.09 min Scan# 656
Delta R.T. 0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

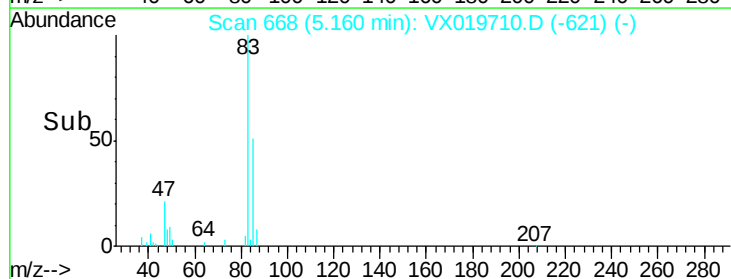
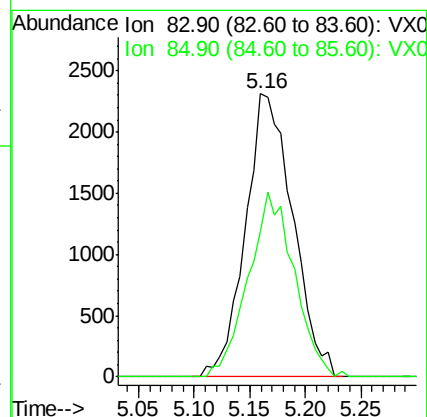
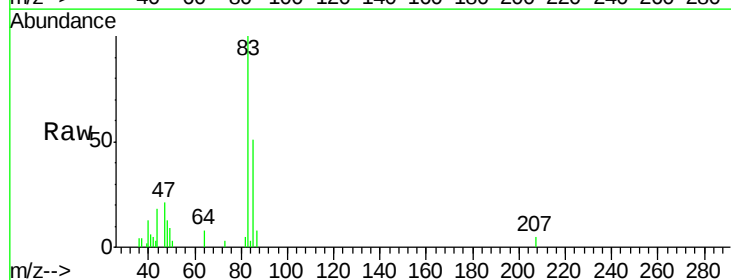
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

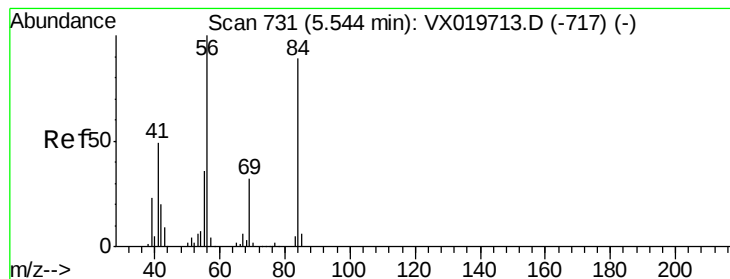
Tgt Ion: 42 Resp: 8543
Ion Ratio Lower Upper
42 100
72 51.1 41.7 62.5
71 45.6 38.4 57.6



#30
Chloroform
Concen: 0.941 ug/l
RT: 5.16 min Scan# 668
Delta R.T. -0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion: 83 Resp: 6830
Ion Ratio Lower Upper
83 100
85 51.2 52.0 78.0#





#31

Cyclohexane

Concen: 0.879 ug/l

RT: 5.53 min Scan# 729

Delta R.T. -0.01 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

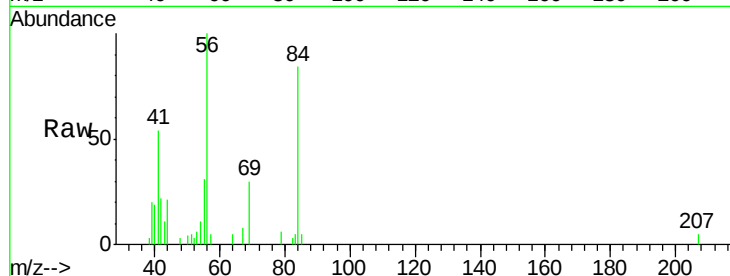
Tgt Ion: 56 Resp: 5432

Ion Ratio Lower Upper

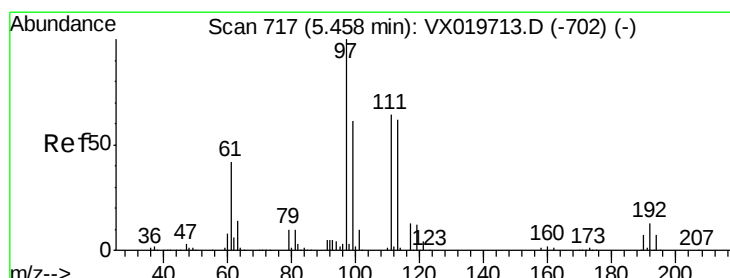
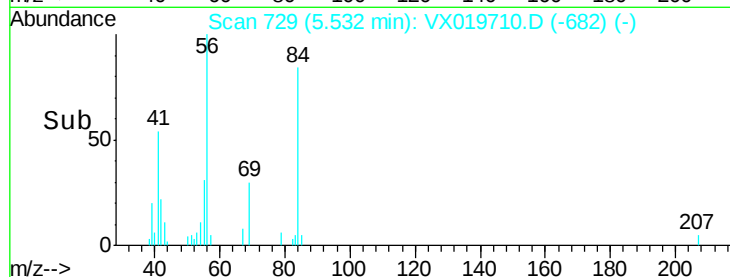
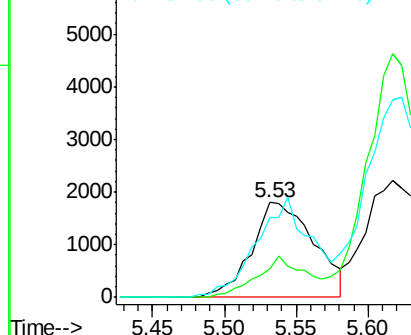
56 100

69 29.7 25.3 37.9

84 83.8 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: 0.921 ug/l

RT: 5.45 min Scan# 716

Delta R.T. -0.01 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

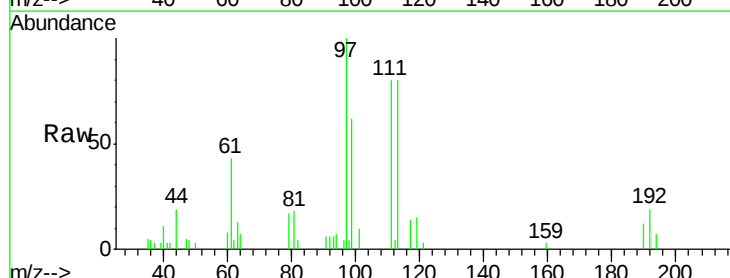
Tgt Ion: 97 Resp: 5708

Ion Ratio Lower Upper

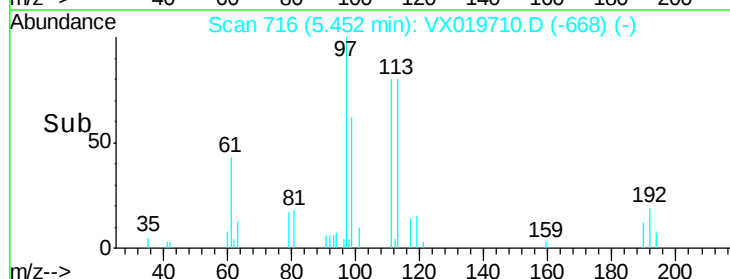
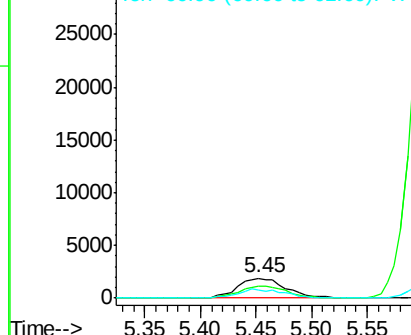
97 100

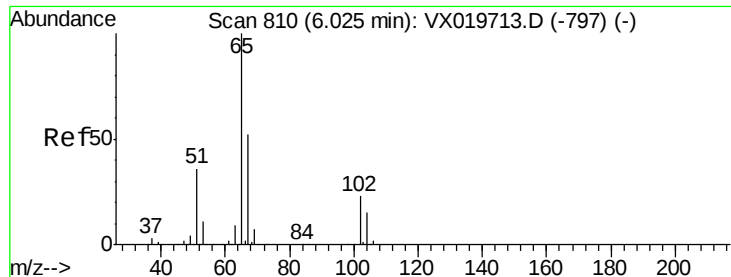
99 0.0 51.5 77.3#

61 42.4 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: 1.229 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

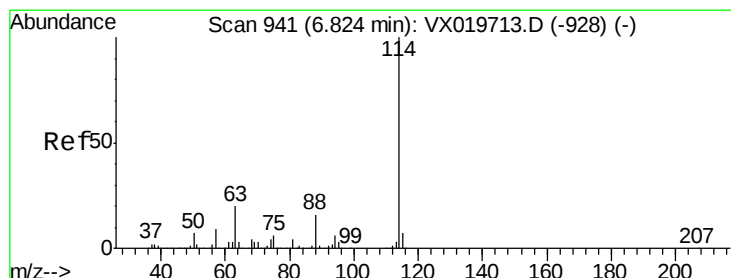
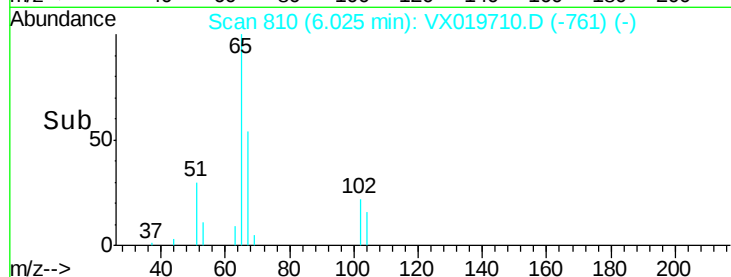
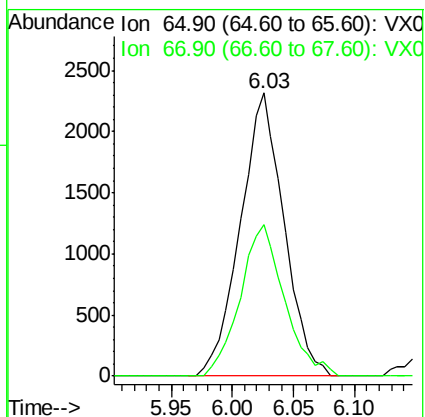
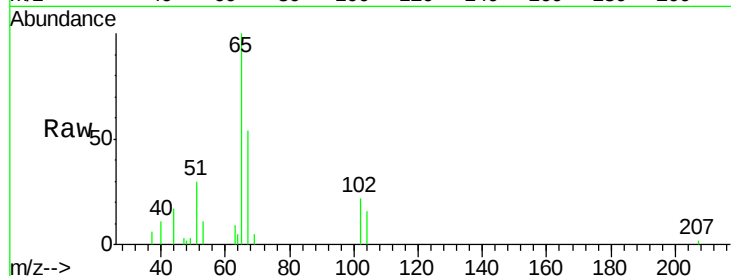
VSTDIC001

Tgt Ion: 65 Resp: 5745

Ion Ratio Lower Upper

65 100

67 54.3 0.0 105.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 941

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

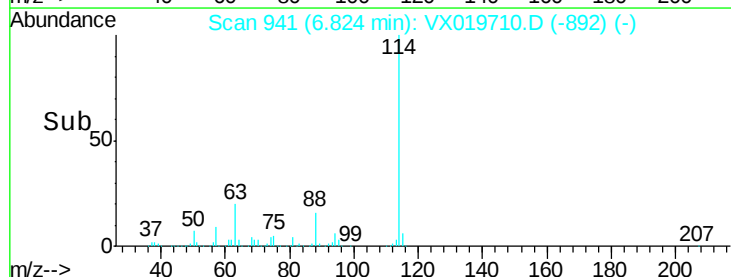
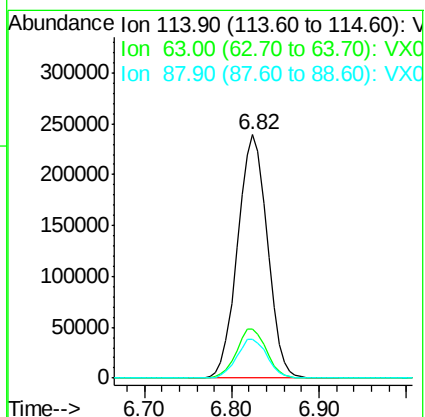
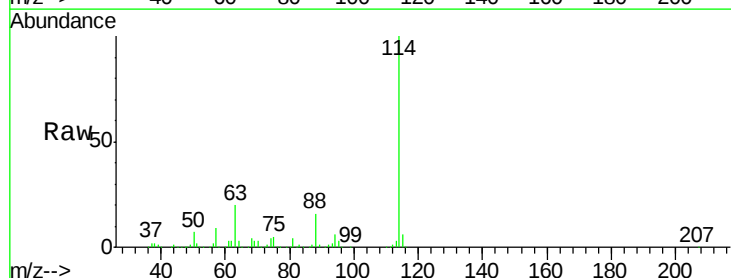
Tgt Ion: 114 Resp: 566951

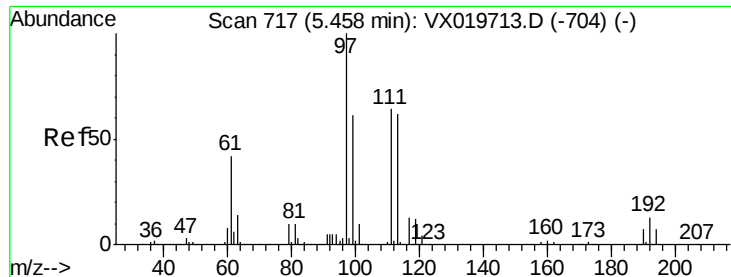
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.8

88 16.0 0.0 32.8

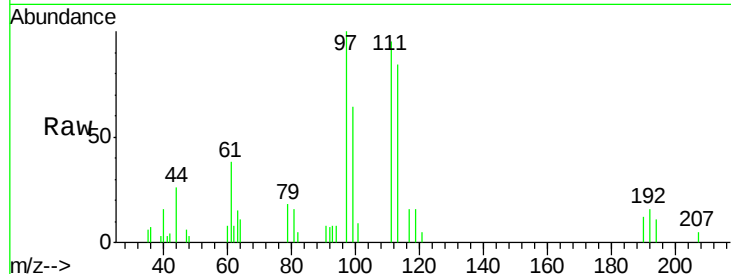




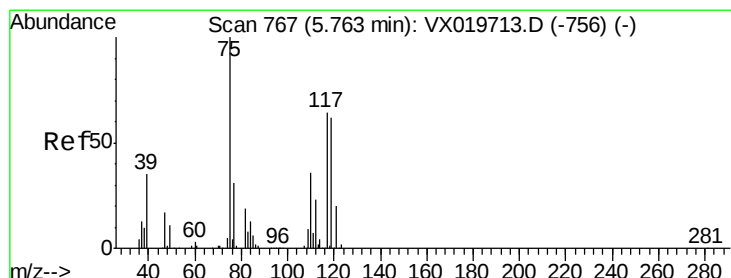
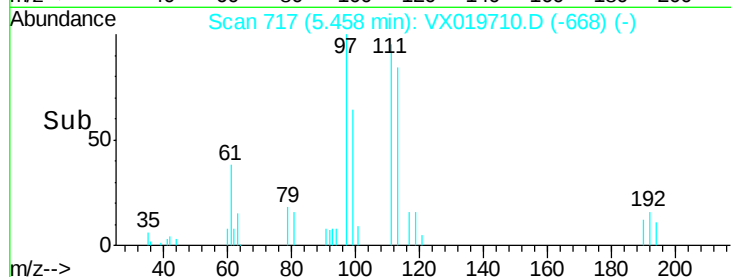
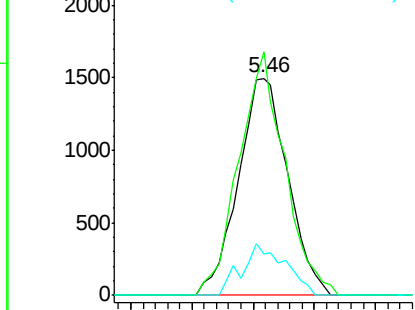
#35
Dibromofluoromethane
Concen: 1.132 ug/l
RT: 5.46 min Scan# 717
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion: 113 Resp: 4203
Ion Ratio Lower Upper
113 100
111 103.9 81.9 122.9
192 20.7 16.7 25.1

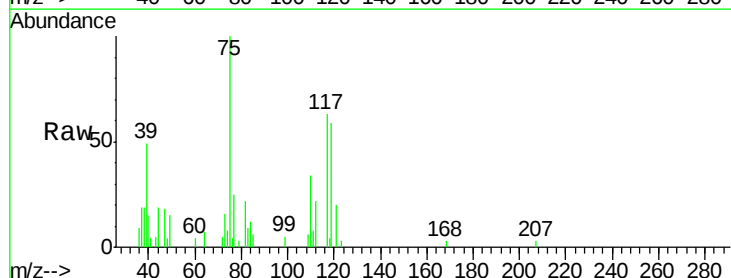


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

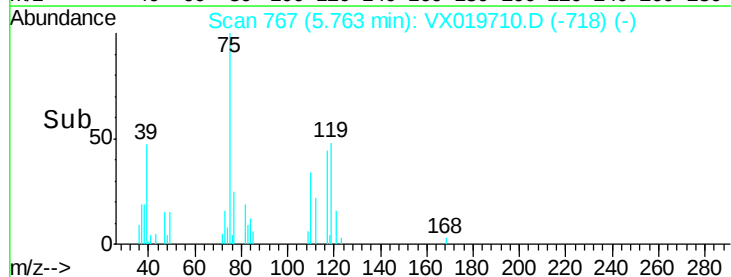
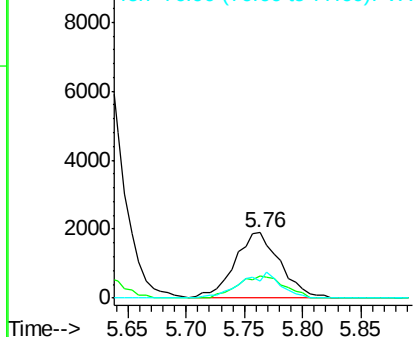


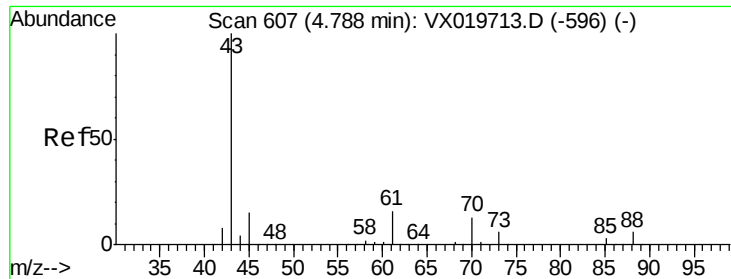
#36
1,1-Dichloropropene
Concen: 0.983 ug/l
RT: 5.76 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion: 75 Resp: 5152
Ion Ratio Lower Upper
75 100
110 35.0 18.1 54.4
77 34.4 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

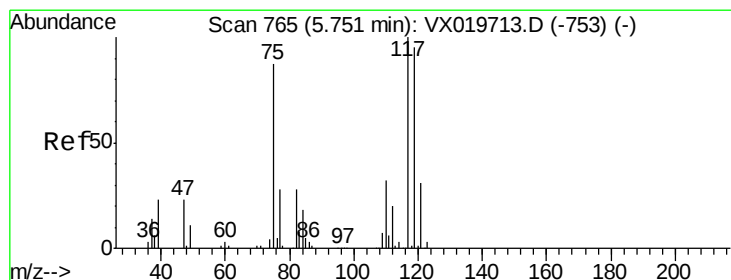
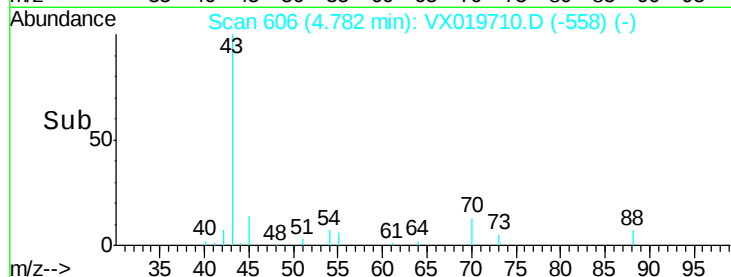
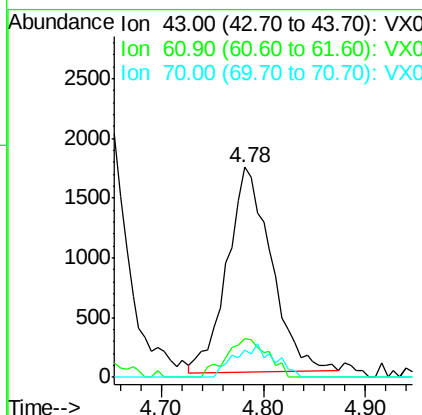
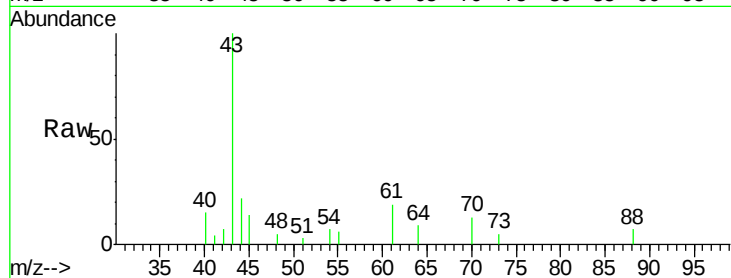




#37
Ethyl Acetate
Concen: 0.986 ug/l
RT: 4.78 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

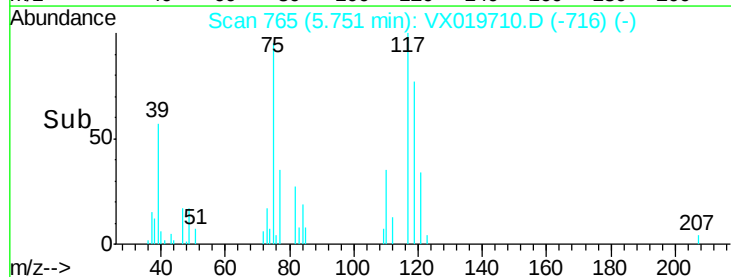
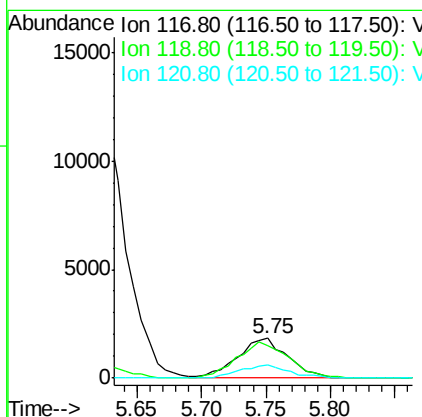
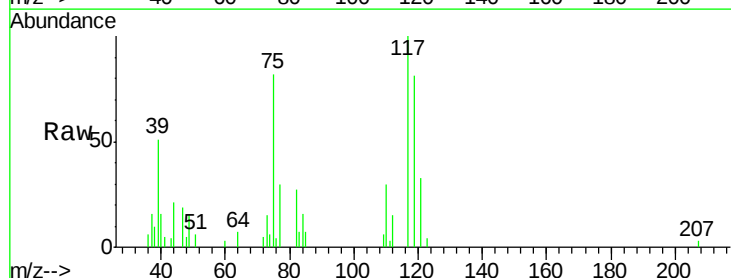
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

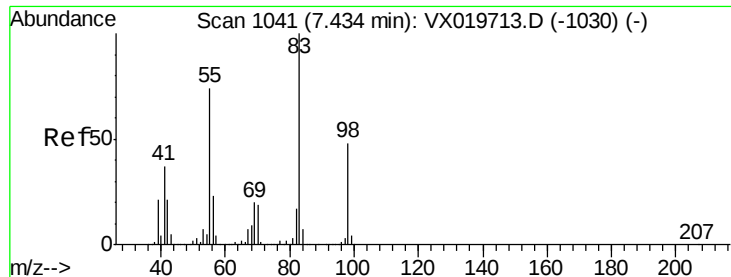
Tgt Ion: 43 Resp: 5174
Ion Ratio Lower Upper
43 100
61 17.8 12.8 19.2
70 14.3 10.5 15.7



#38
Carbon Tetrachloride
Concen: 0.949 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion: 117 Resp: 4942
Ion Ratio Lower Upper
117 100
119 81.4 76.2 114.2
121 32.7 24.8 37.2

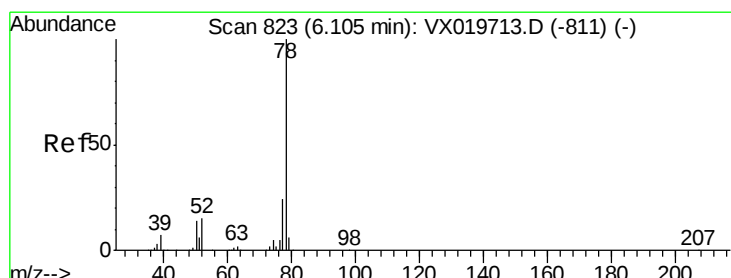
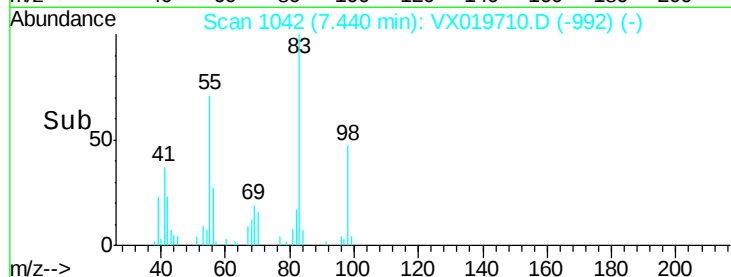
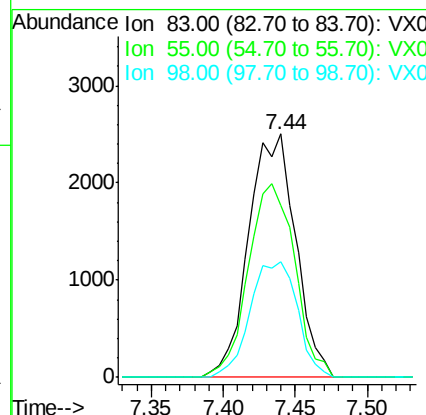
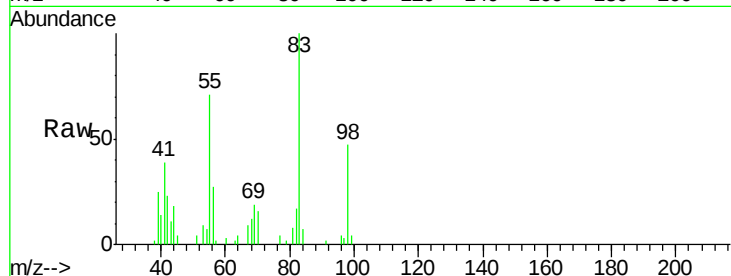




#39
Methylcyclohexane
Concen: 0.918 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

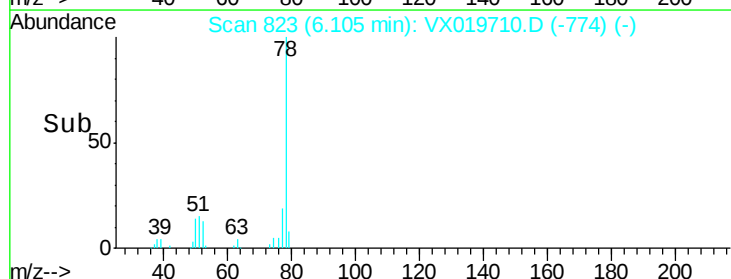
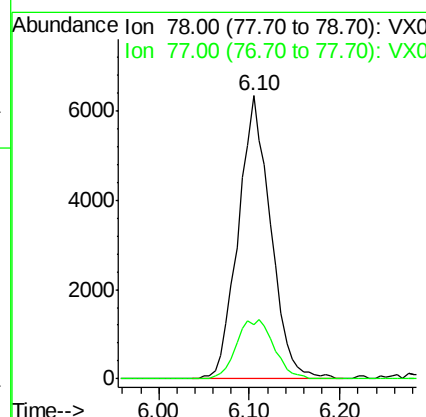
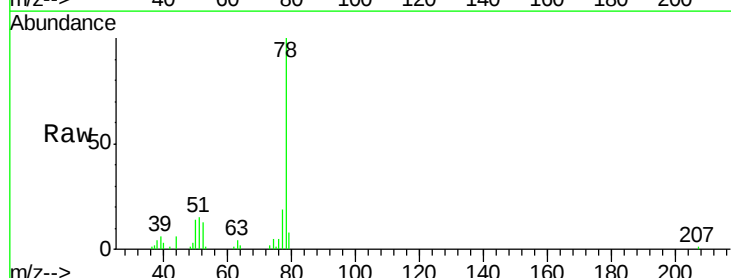
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

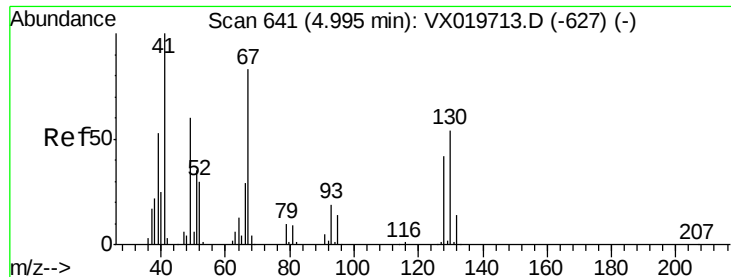
Tgt Ion: 83 Resp: 5653
Ion Ratio Lower Upper
83 100
55 70.7 58.9 88.3
98 47.3 38.1 57.1



#40
Benzene
Concen: 0.961 ug/l
RT: 6.10 min Scan# 823
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion: 78 Resp: 15704
Ion Ratio Lower Upper
78 100
77 19.3 18.9 28.3





#41

Methacrylonitrile

Concen: 1.032 ug/l

RT: 5.00 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 41 Resp: 2999

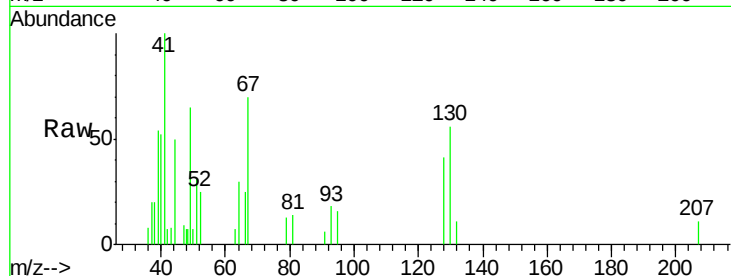
Ion Ratio Lower Upper

41 100

39 56.3 42.5 63.7

67 76.7 65.0 97.6

52 30.2 25.3 37.9

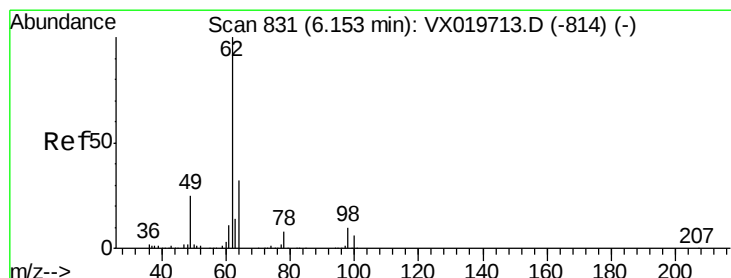
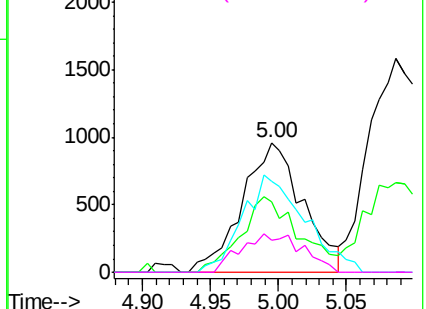
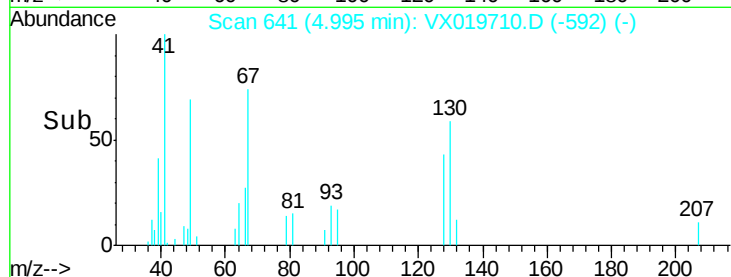


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 0.937 ug/l

RT: 6.15 min Scan# 831

Delta R.T. 0.00 min

Lab File: VX019710.D

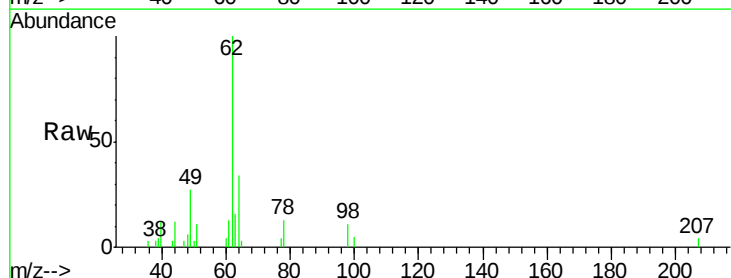
Acq: 04 Dec 2020 10:49

Tgt Ion: 62 Resp: 5264

Ion Ratio Lower Upper

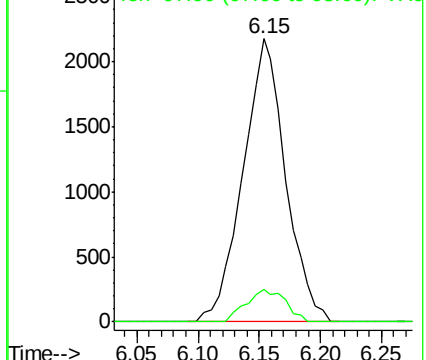
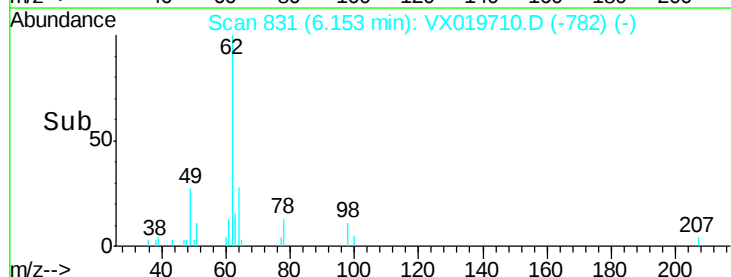
62 100

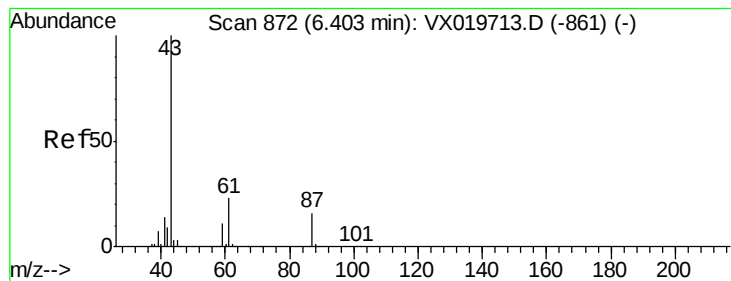
98 10.5 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.959 ug/l

RT: 6.40 min Scan# 872

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

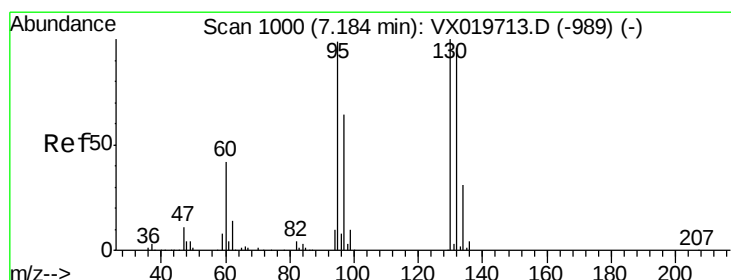
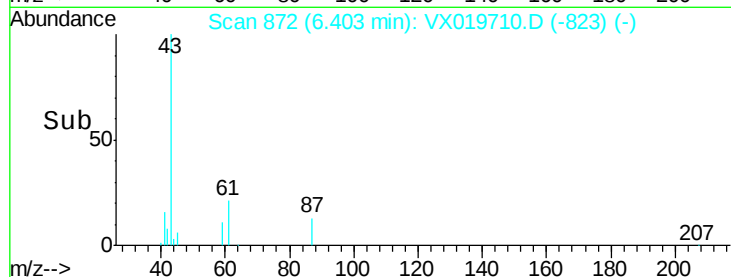
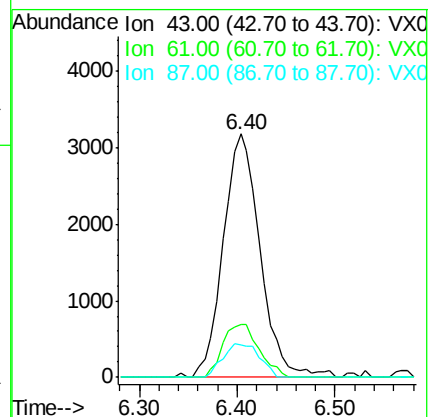
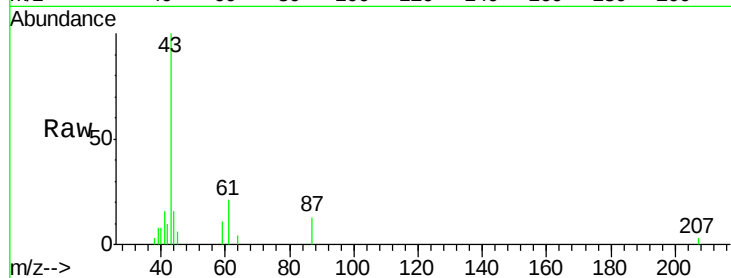
Tgt Ion: 43 Resp: 8333

Ion Ratio Lower Upper

43 100

61 21.3 18.2 27.4

87 13.7 12.5 18.7



#44

Trichloroethene

Concen: 0.964 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VX019710.D

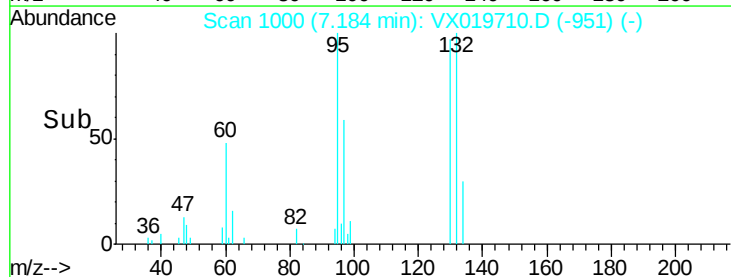
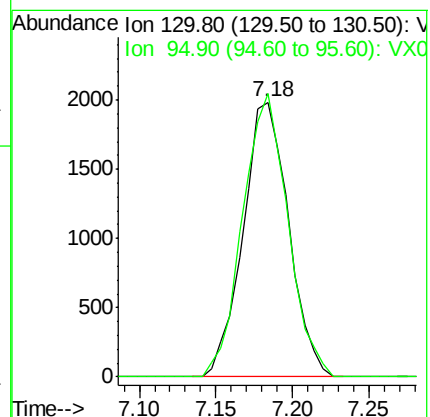
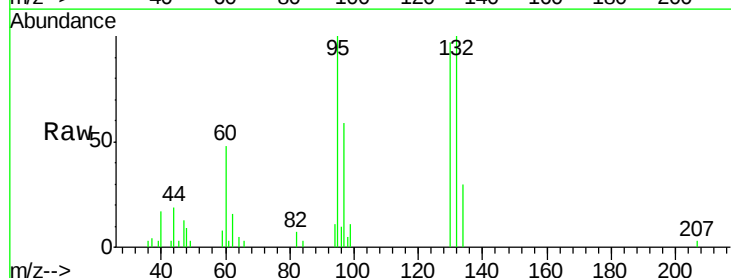
Acq: 04 Dec 2020 10:49

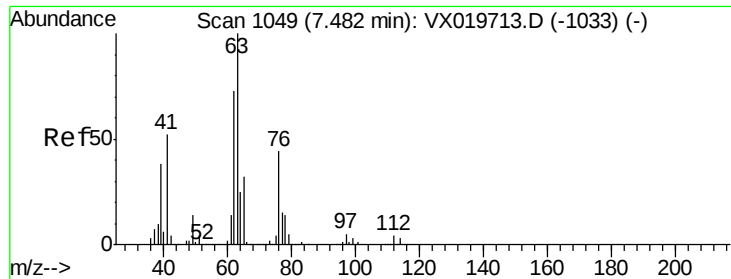
Tgt Ion: 130 Resp: 4114

Ion Ratio Lower Upper

130 100

95 102.9 0.0 198.0

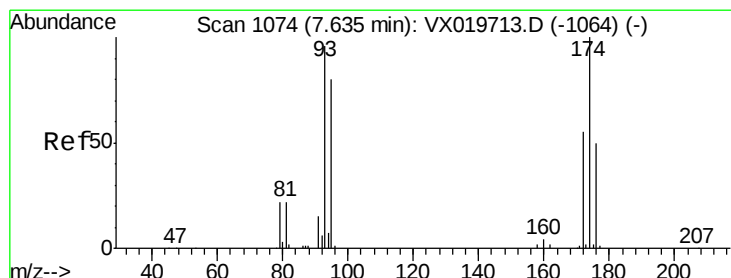
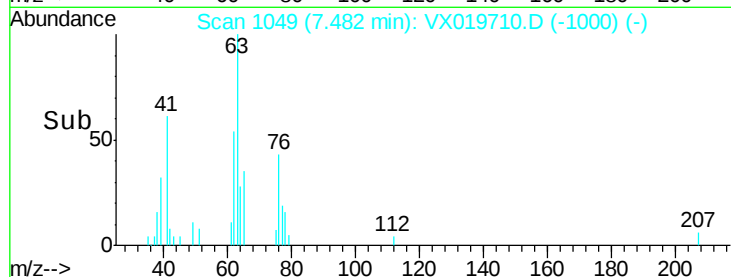
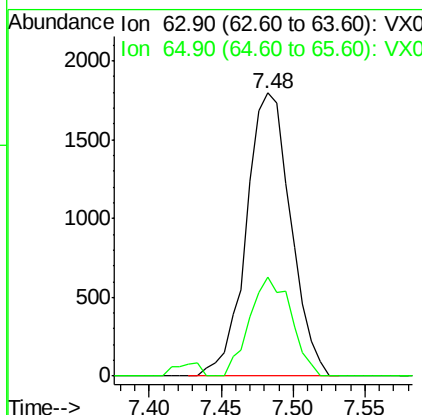
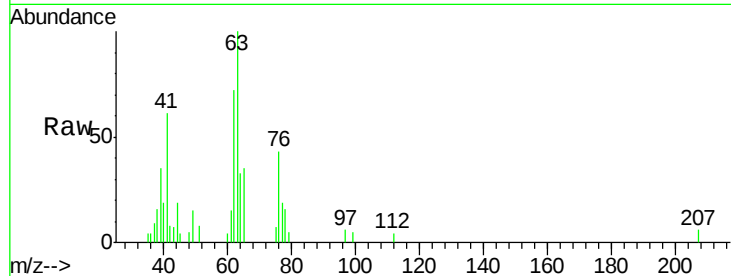




#45
 1,2-Dichloropropane
 Concen: 0.935 ug/l
 RT: 7.48 min Scan# 1049
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

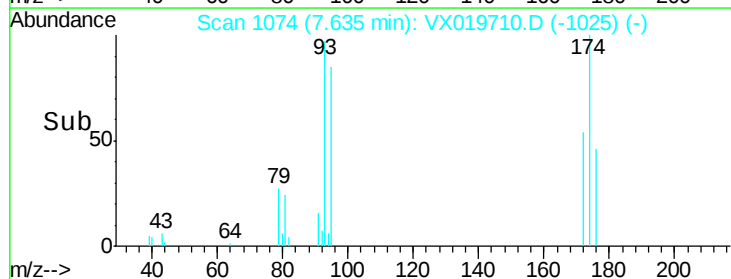
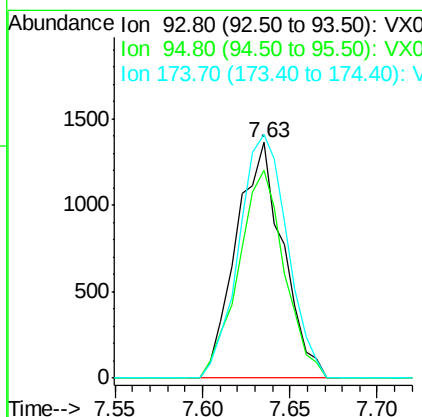
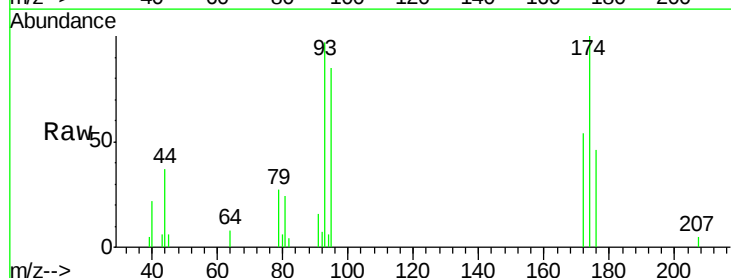
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

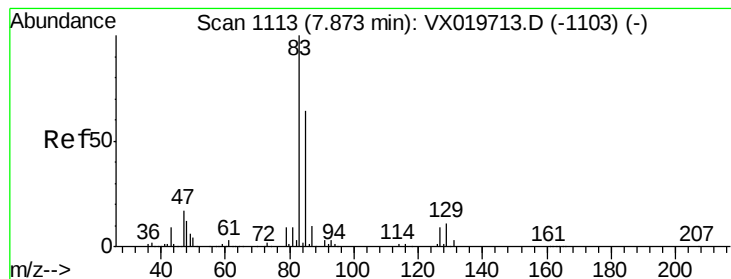
Tgt Ion: 63 Resp: 3843
 Ion Ratio Lower Upper
 63 100
 65 35.0 25.7 38.5



#46
 Dibromomethane
 Concen: 0.923 ug/l
 RT: 7.63 min Scan# 1074
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion: 93 Resp: 2546
 Ion Ratio Lower Upper
 93 100
 95 86.6 66.8 100.2
 174 107.2 83.1 124.7





#47

Bromodichloromethane

Concen: 0.913 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

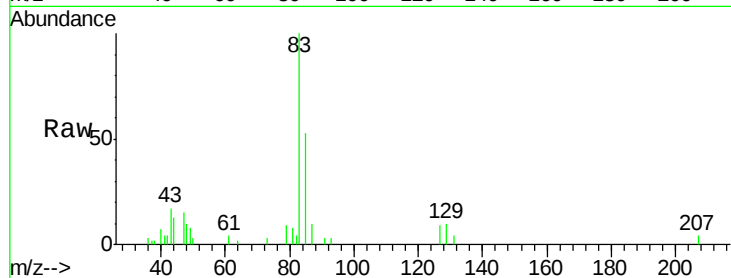
Tgt Ion: 83 Resp: 4989

Ion Ratio Lower Upper

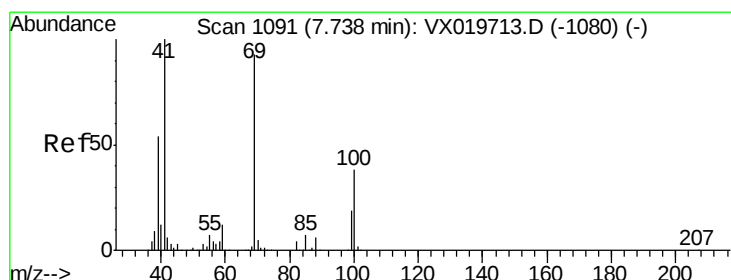
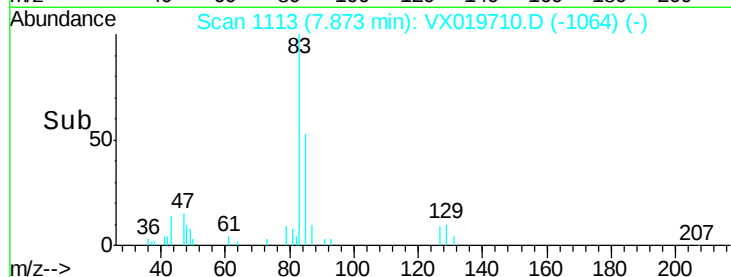
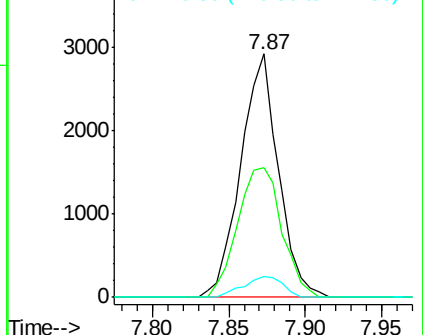
83 100

85 53.3 51.4 77.0

127 8.7 6.8 10.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.903 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.01 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

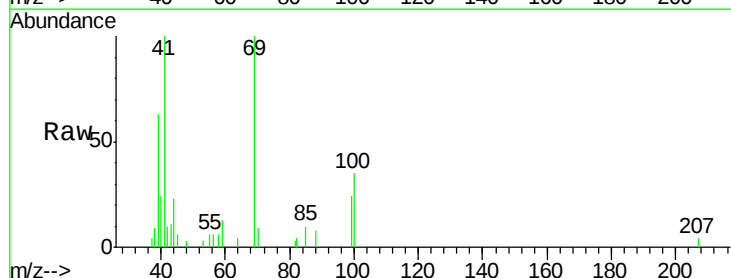
Tgt Ion: 41 Resp: 3877

Ion Ratio Lower Upper

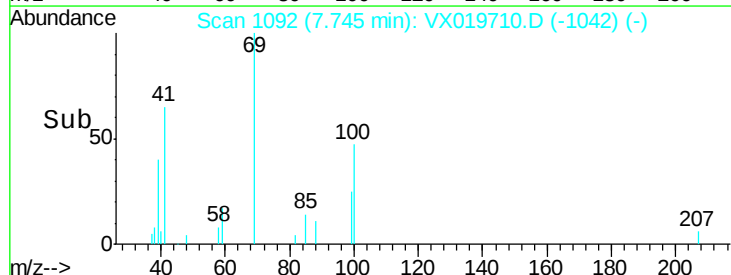
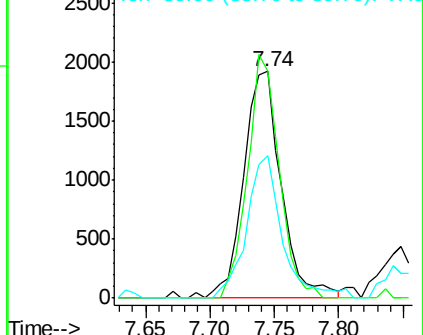
41 100

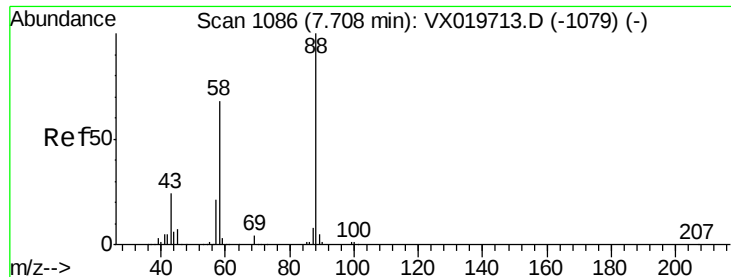
69 89.7 76.0 114.0

39 59.3 44.6 67.0



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

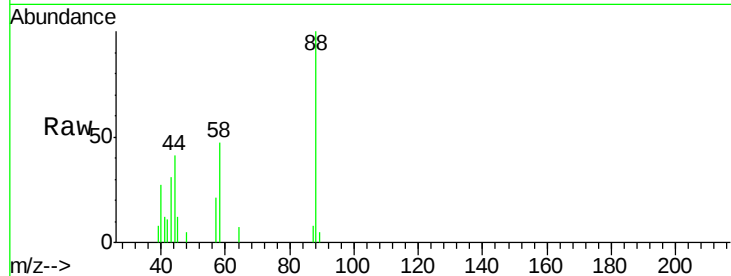




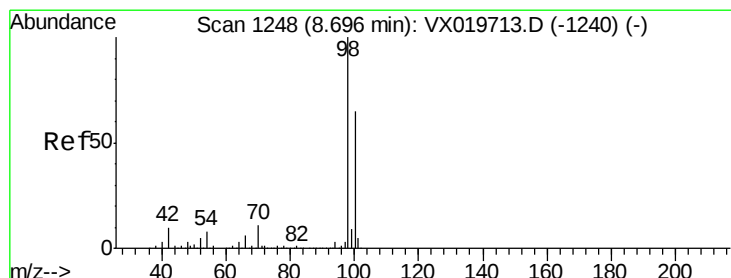
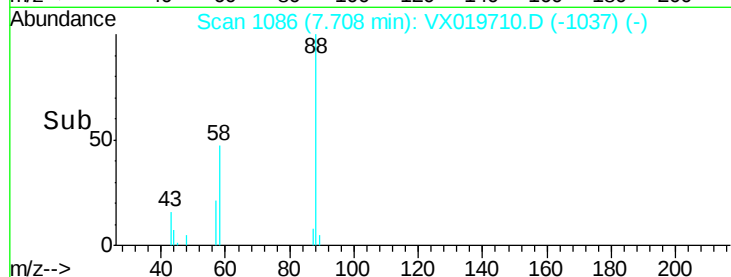
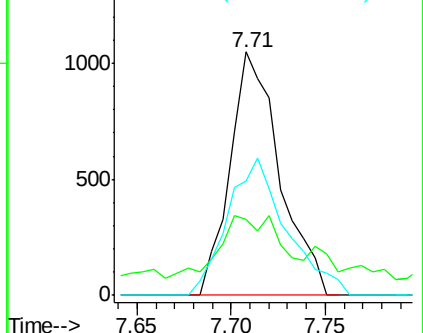
#49
1,4-Dioxane
Concen: 19.414 ug/l
RT: 7.71 min Scan# 1086
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tgt Ion: 88 Resp: 1917
Ion Ratio Lower Upper
88 100
43 26.7 23.2 34.8
58 67.1 55.0 82.4

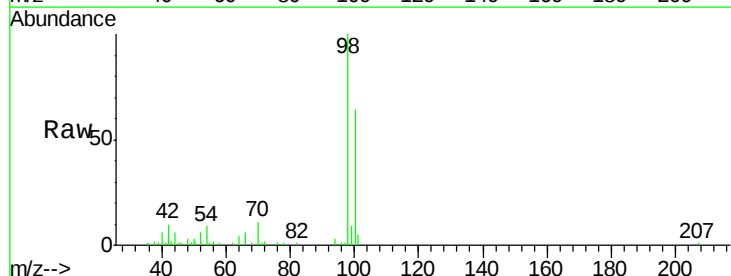


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

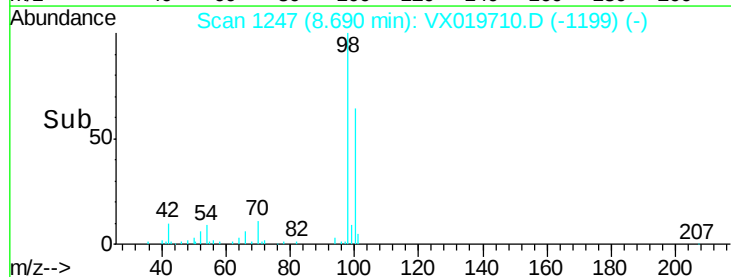
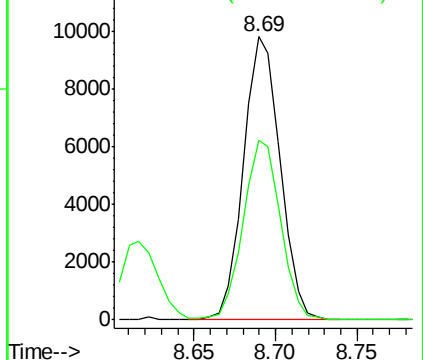


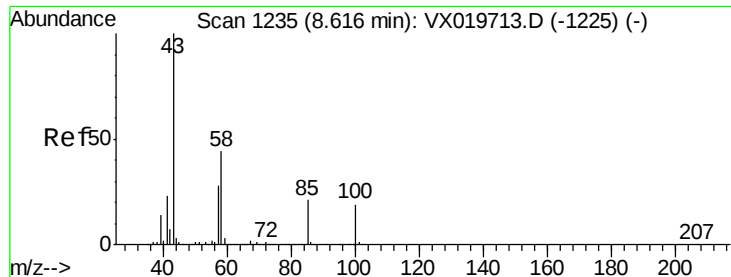
#50
Toluene-d8
Concen: 1.080 ug/l
RT: 8.69 min Scan# 1247
Delta R.T. -0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion: 98 Resp: 15363
Ion Ratio Lower Upper
98 100
100 64.4 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

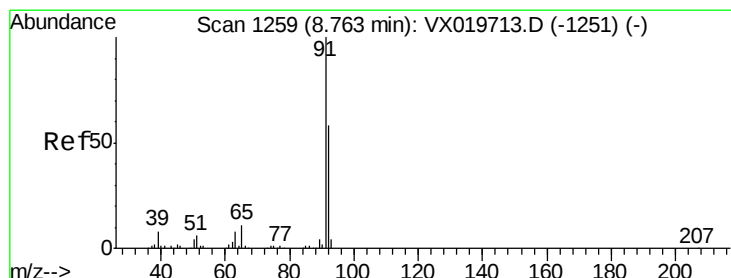
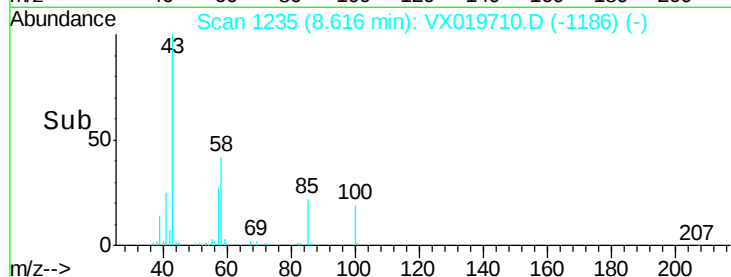
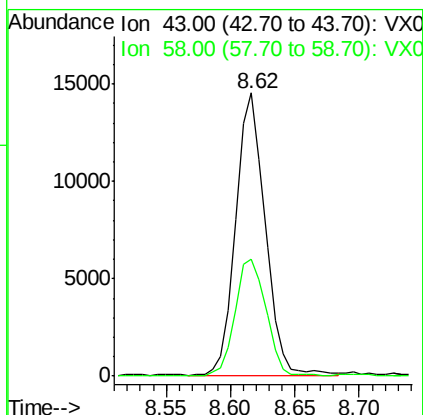
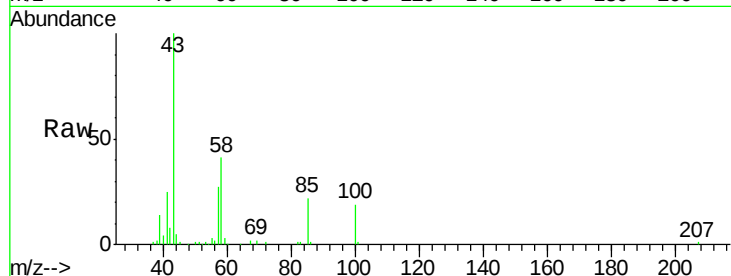




#51
 4-Methyl-2-Pentanone
 Concen: 4.335 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

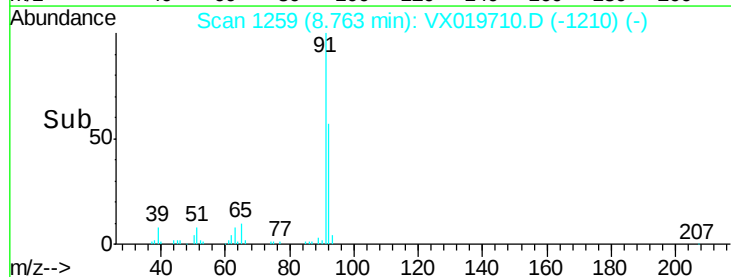
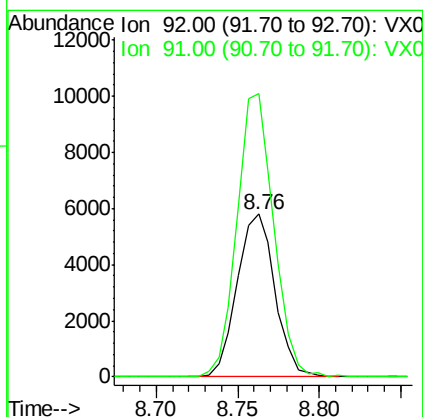
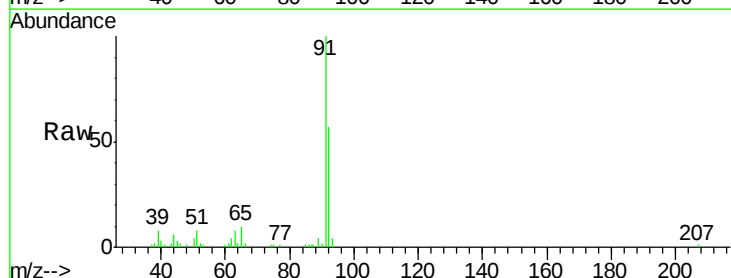
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

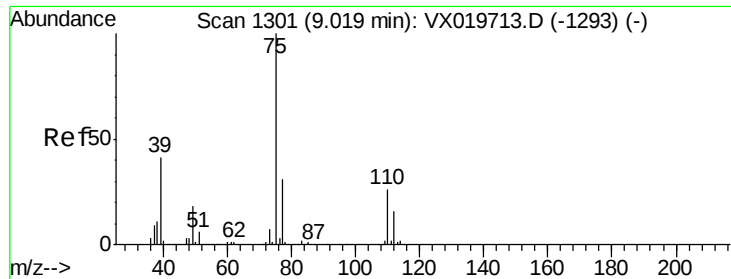
Tgt Ion: 43 Resp: 23017
 Ion Ratio Lower Upper
 43 100
 58 43.8 35.4 53.0



#52
 Toluene
 Concen: 0.920 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion: 92 Resp: 9358
 Ion Ratio Lower Upper
 92 100
 91 168.6 137.1 205.7

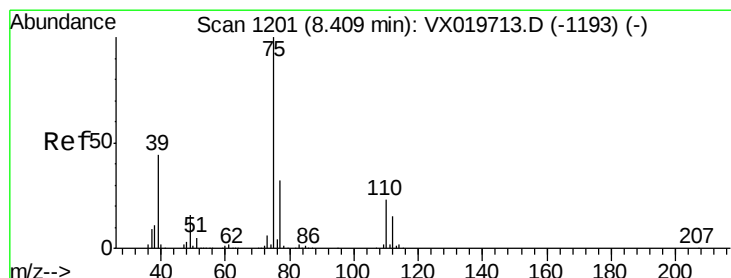
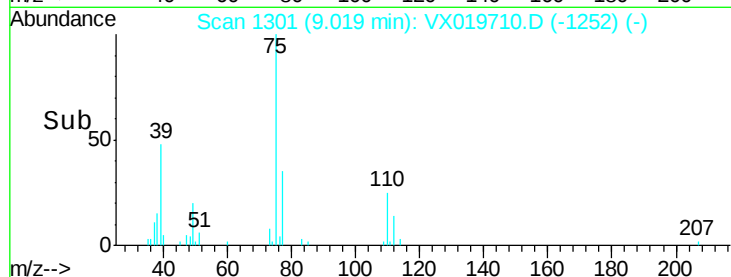
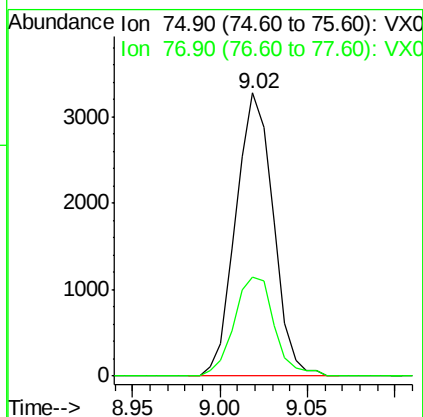
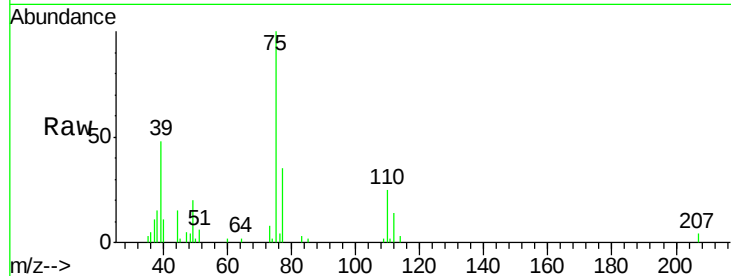




#53
 t-1,3-Dichloropropene
 Concen: 0.815 ug/l
 RT: 9.02 min Scan# 1301
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

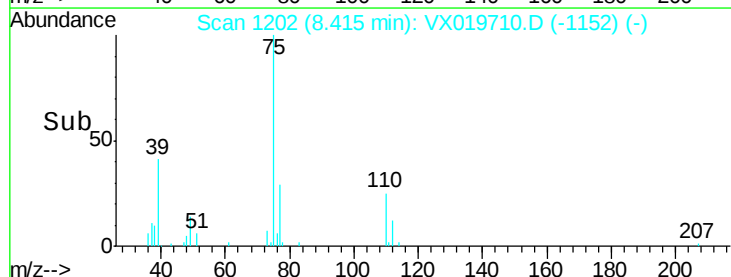
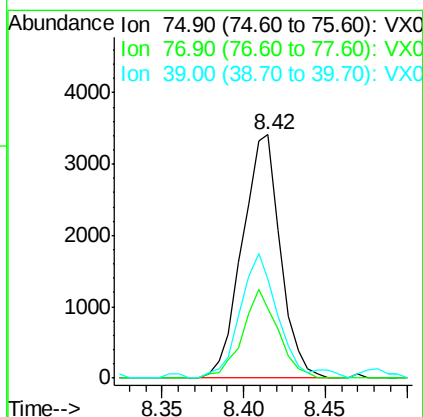
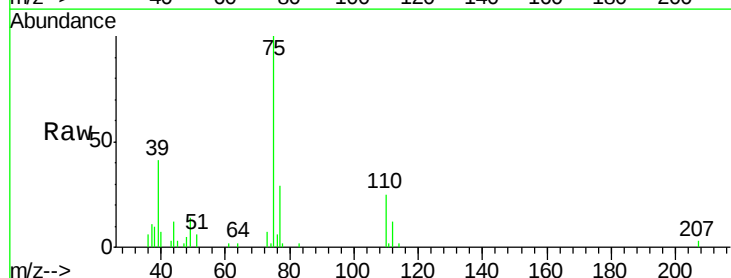
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

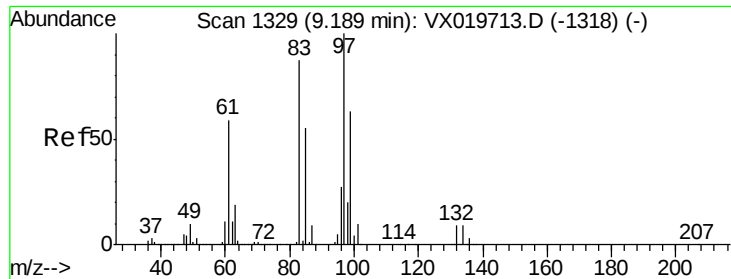
Tgt Ion: 75 Resp: 4884
 Ion Ratio Lower Upper
 75 100
 77 35.1 24.9 37.3



#54
 cis-1,3-Dichloropropene
 Concen: 0.849 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion: 75 Resp: 5562
 Ion Ratio Lower Upper
 75 100
 77 28.6 25.7 38.5
 39 40.8 35.1 52.7

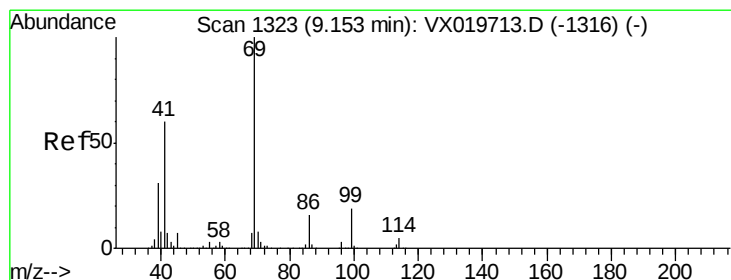
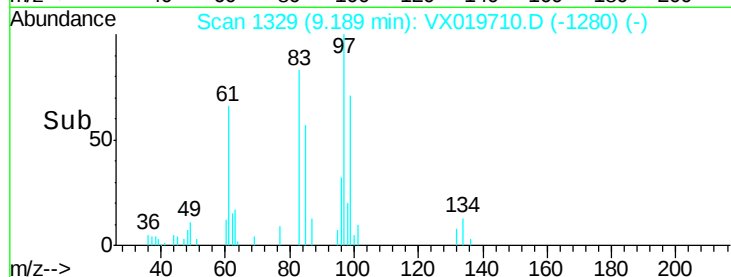
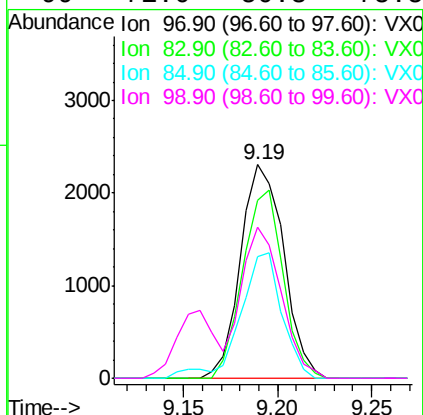
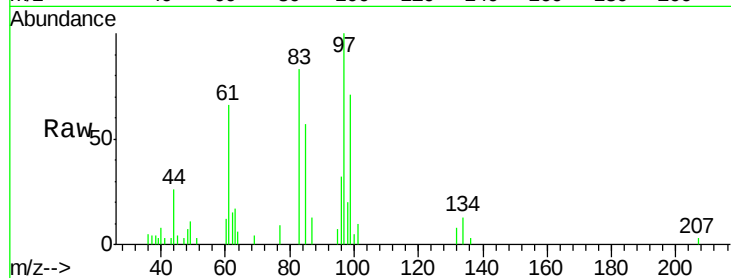




#55
 1,1,2-Trichloroethane
 Concen: 0.893 ug/l
 RT: 9.19 min Scan# 1329
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

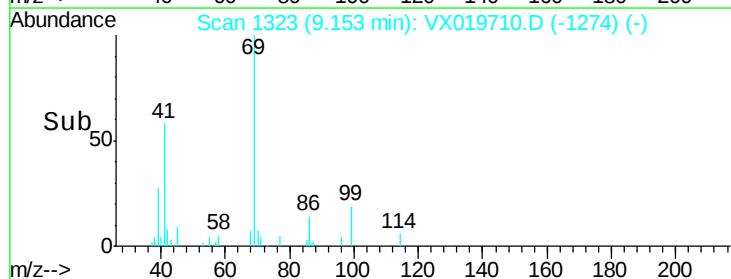
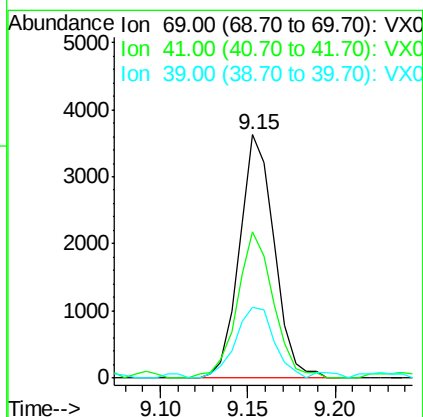
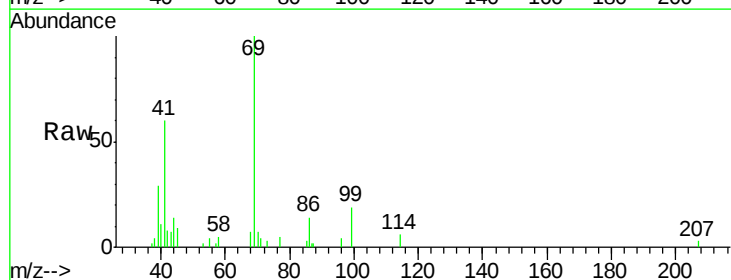
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

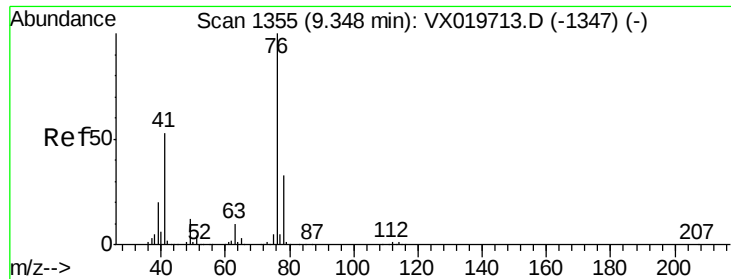
Tgt Ion: 97 Resp: 3674
 Ion Ratio Lower Upper
 97 100
 83 83.3 69.3 103.9
 85 57.1 44.3 66.5
 99 71.0 50.3 75.5



#56
 Ethyl methacrylate
 Concen: 0.809 ug/l
 RT: 9.15 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion: 69 Resp: 5000
 Ion Ratio Lower Upper
 69 100
 41 62.8 46.8 70.2
 39 32.6 24.7 37.1





#57

1,3-Dichloropropane

Concen: 0.947 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

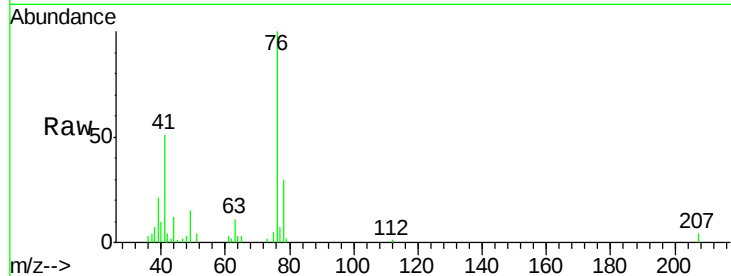
VSTDIC001

Tgt Ion: 76 Resp: 6593

Ion Ratio Lower Upper

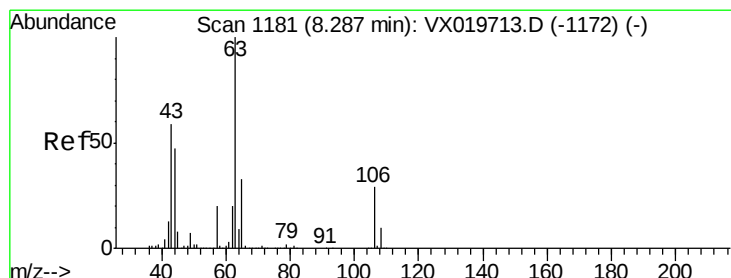
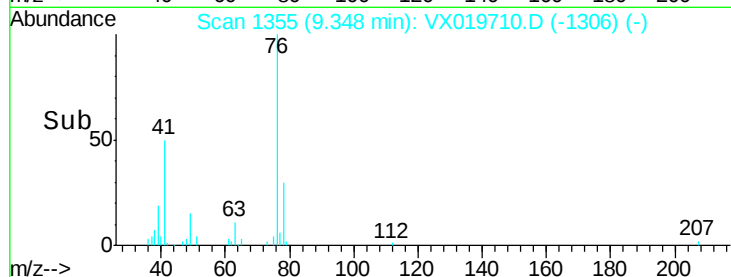
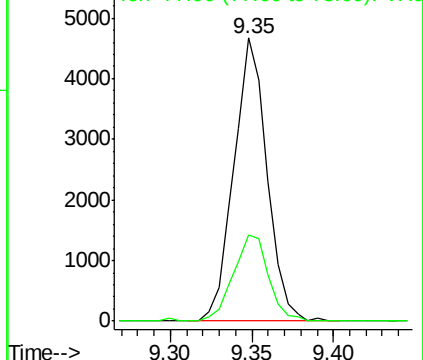
76 100

78 32.2 26.2 39.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 4.488 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VX019710.D

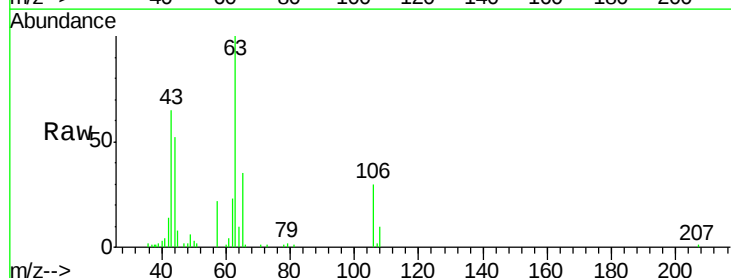
Acq: 04 Dec 2020 10:49

Tgt Ion: 63 Resp: 14537

Ion Ratio Lower Upper

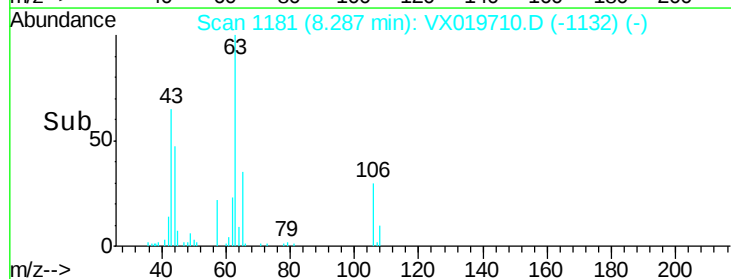
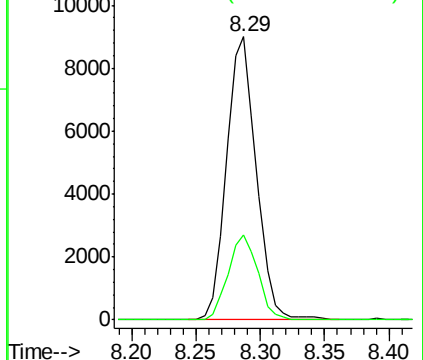
63 100

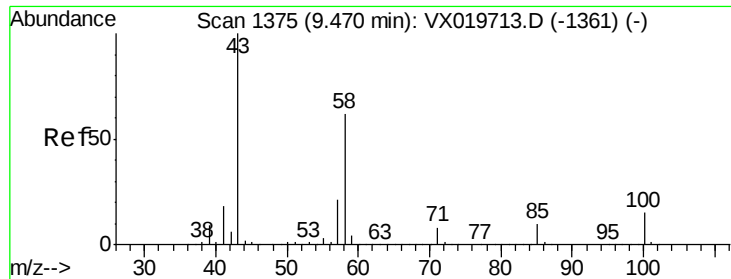
106 29.9 23.5 35.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

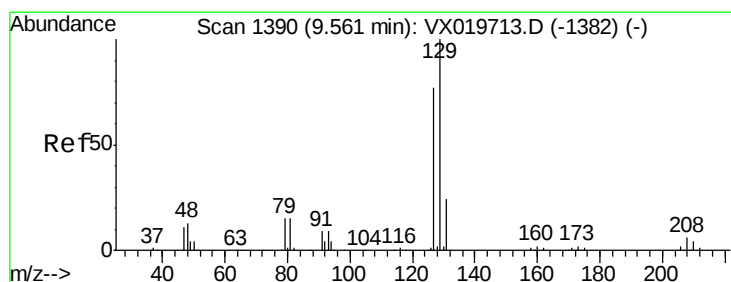
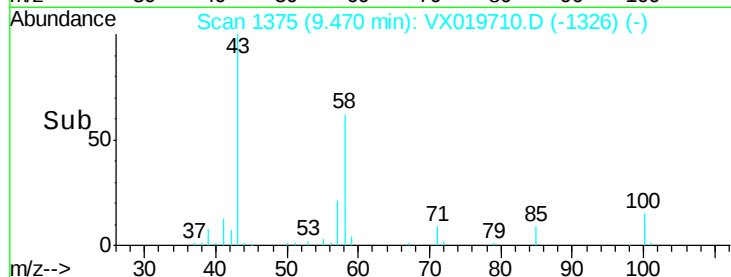
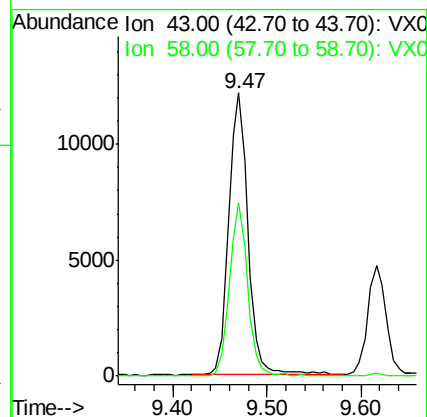
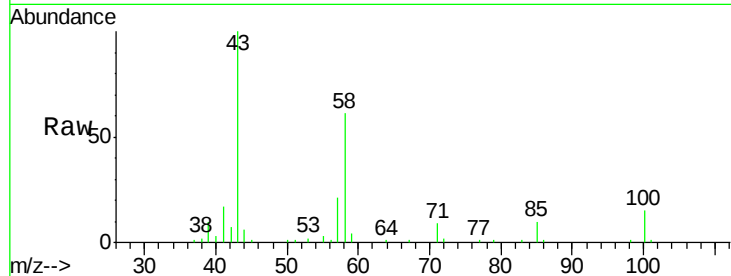




#59
2-Hexanone
Concen: 4.277 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

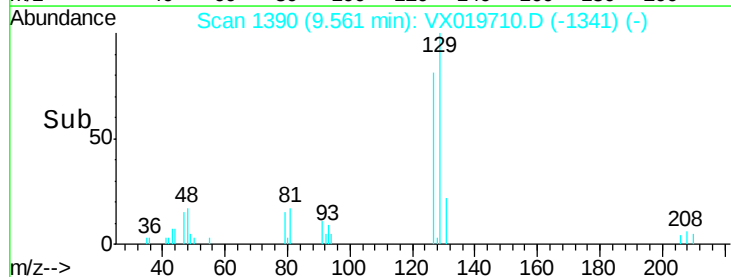
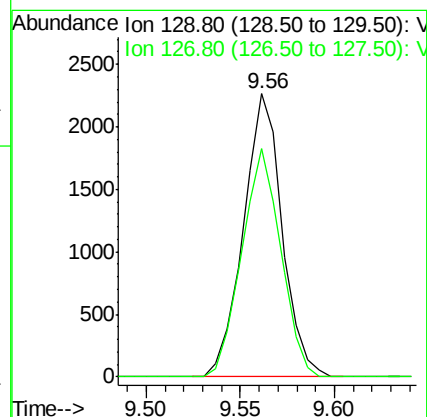
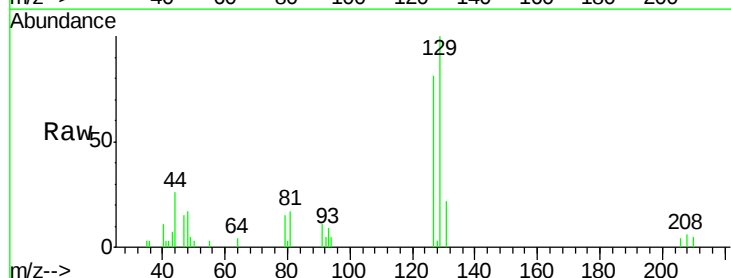
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

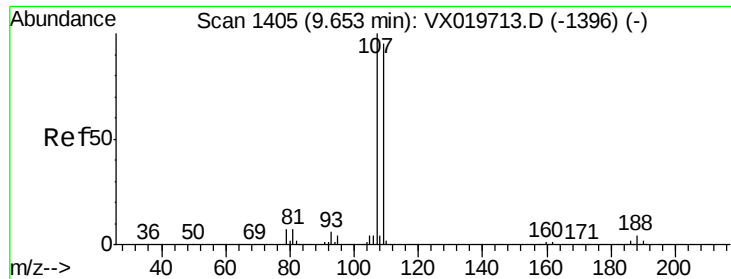
Tgt Ion: 43 Resp: 17177
Ion Ratio Lower Upper
43 100
58 57.9 30.9 92.8



#60
Dibromochloromethane
Concen: 0.762 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion: 129 Resp: 3222
Ion Ratio Lower Upper
129 100
127 81.2 38.4 115.2

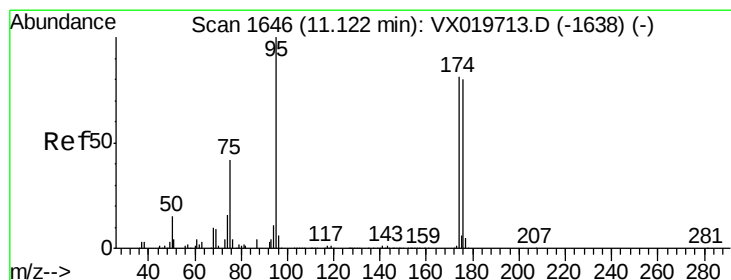
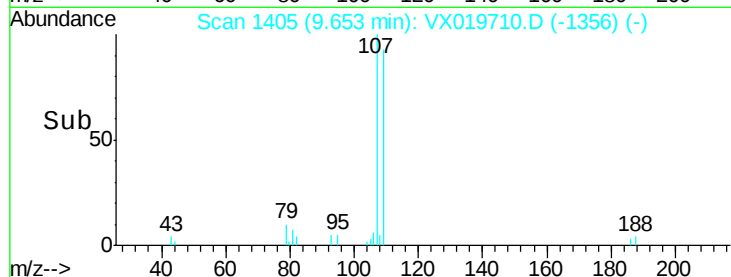
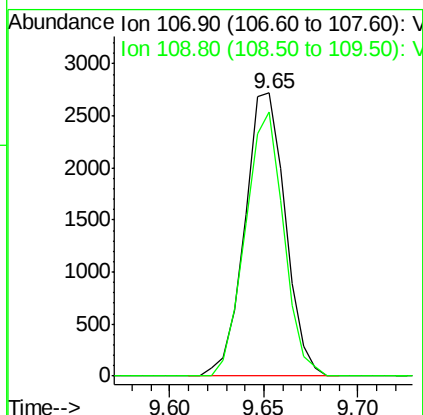
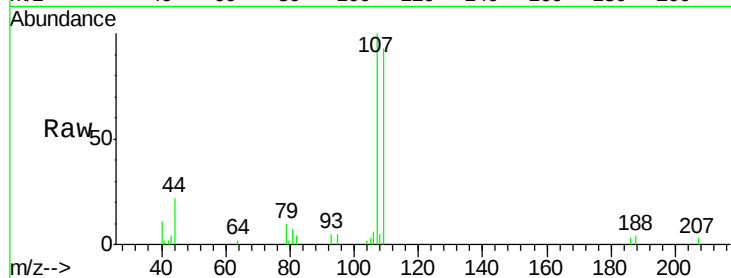




#61
 1,2-Dibromoethane
 Concen: 0.939 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

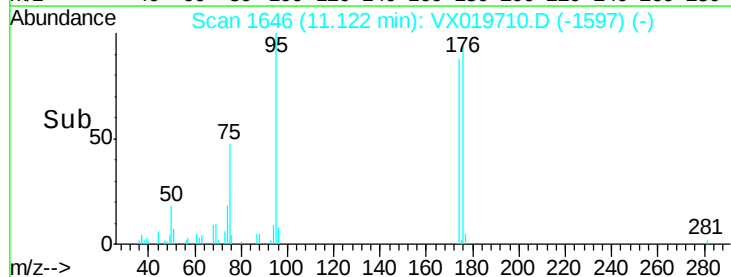
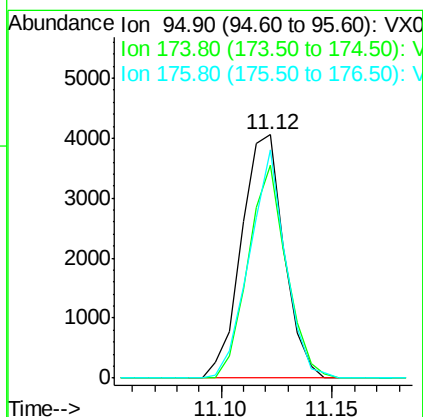
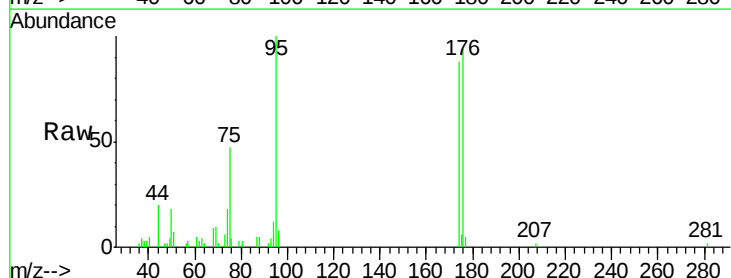
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

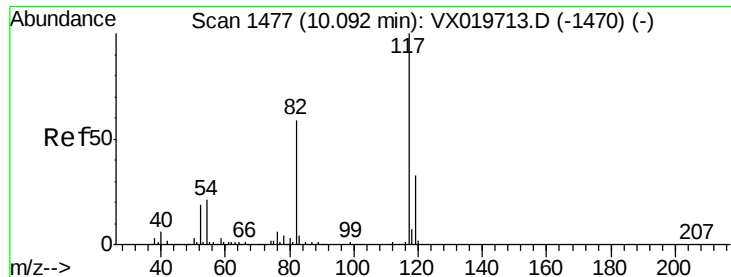
Tgt Ion: 107 Resp: 4058
 Ion Ratio Lower Upper
 107 100
 109 88.1 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 1.003 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion: 95 Resp: 5401
 Ion Ratio Lower Upper
 95 100
 174 78.6 0.0 154.6
 176 79.9 0.0 155.8

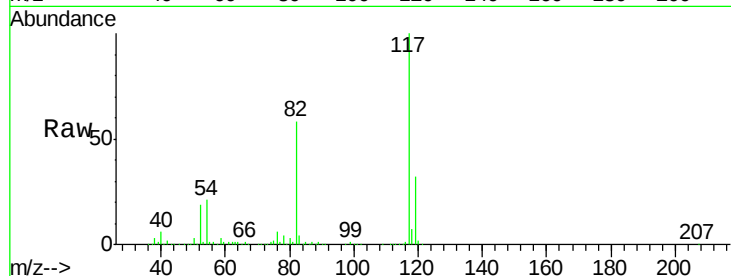




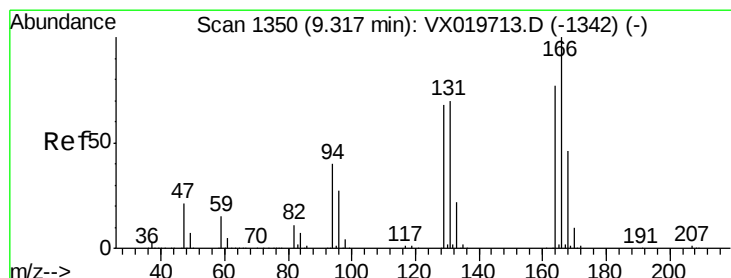
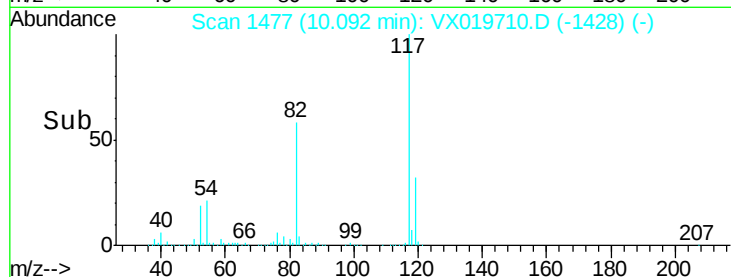
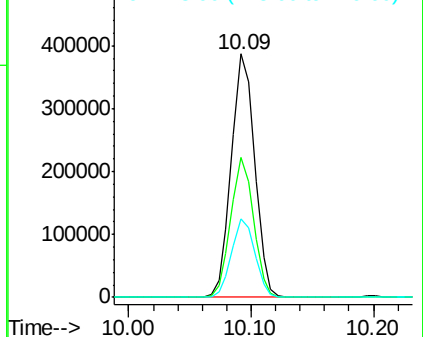
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 511277
Ion Ratio Lower Upper
117 100
82 57.6 47.4 71.2
119 32.1 26.6 39.8

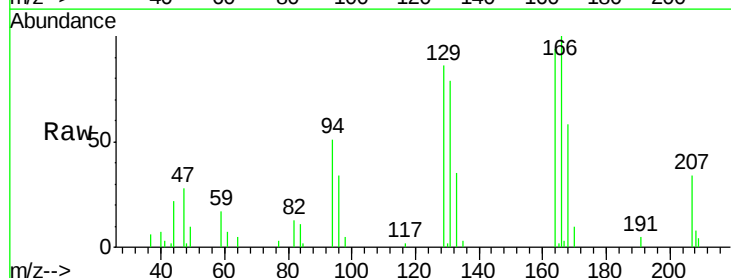


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

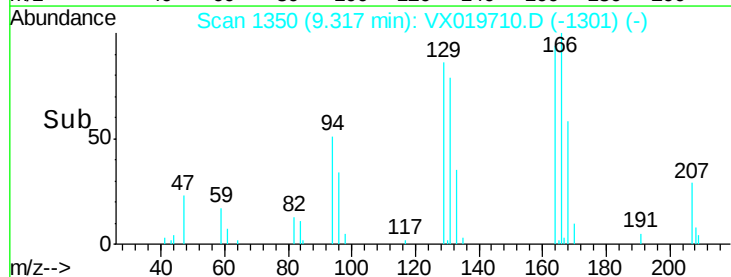
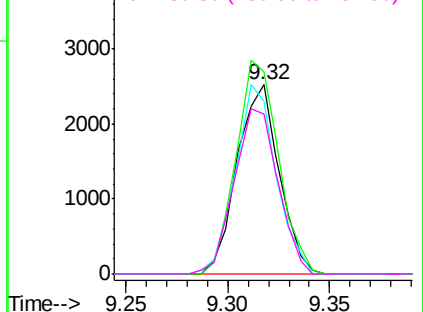


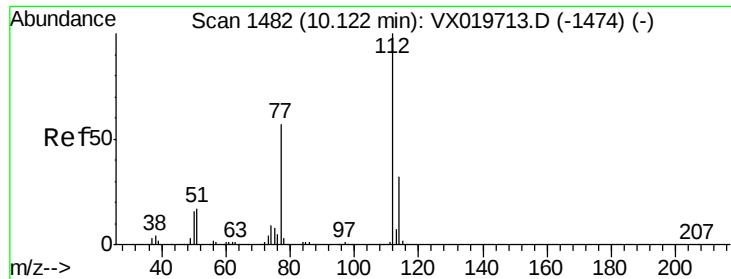
#64
Tetrachloroethene
Concen: 1.024 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion:164 Resp: 3615
Ion Ratio Lower Upper
164 100
166 106.6 103.4 155.2
129 91.4 70.8 106.2
131 84.4 72.5 108.7



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

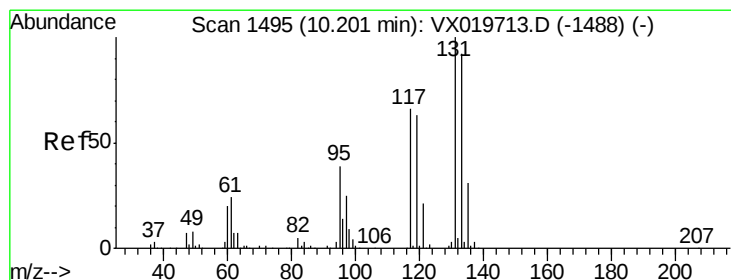
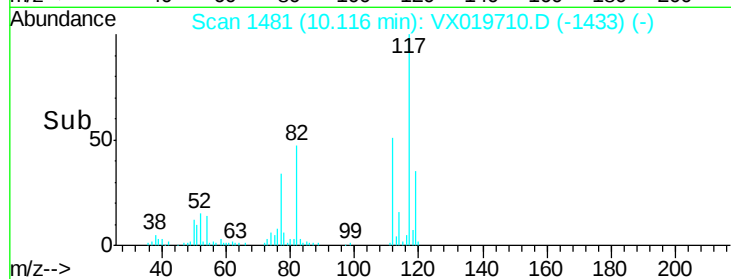
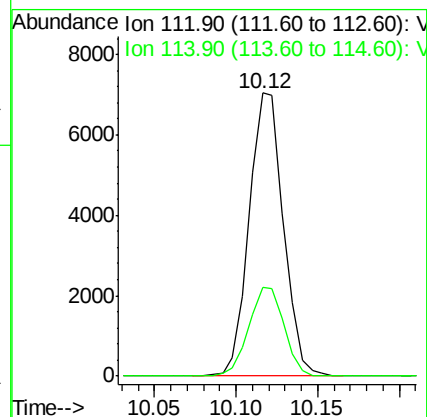
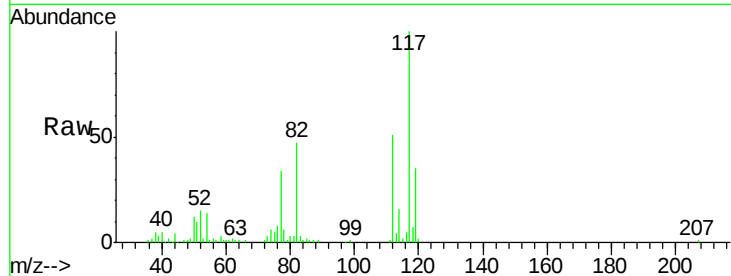




#65
Chlorobenzene
Concen: 0.971 ug/l
RT: 10.12 min Scan# 1481
Delta R.T. -0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

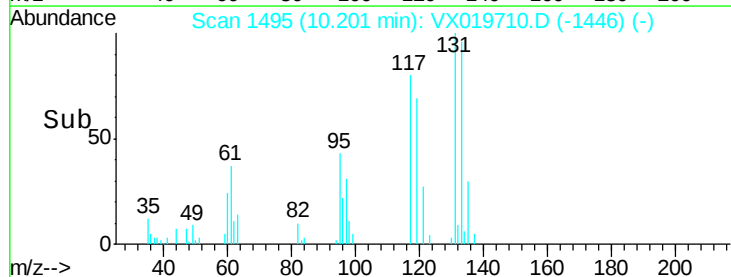
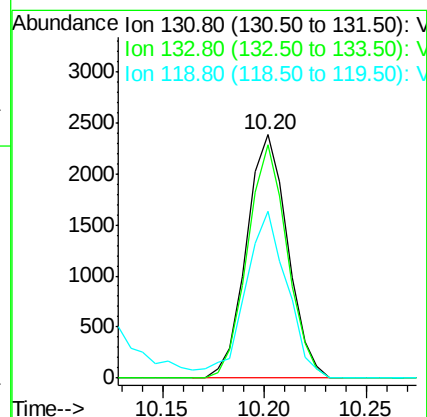
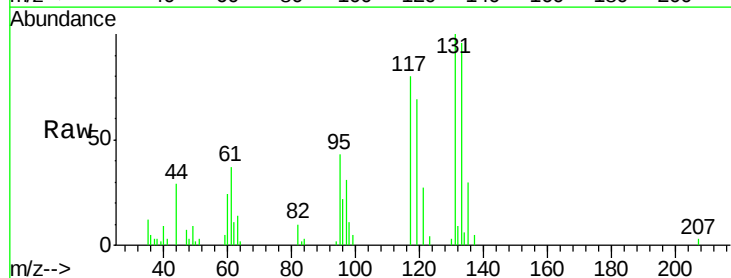
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

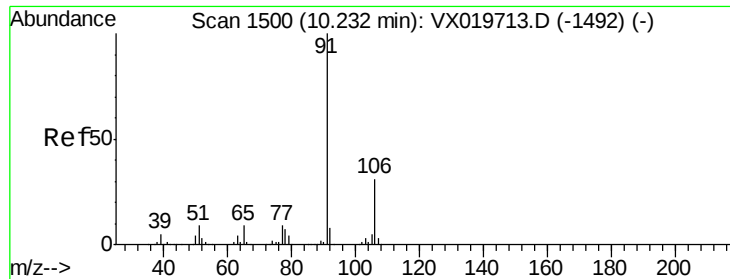
Tgt Ion:112 Resp: 10289
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 0.868 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion:131 Resp: 3344
Ion Ratio Lower Upper
131 100
133 92.4 47.7 143.1
119 0.0 32.1 96.5#

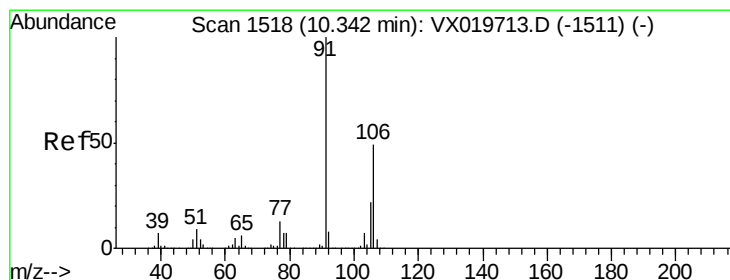
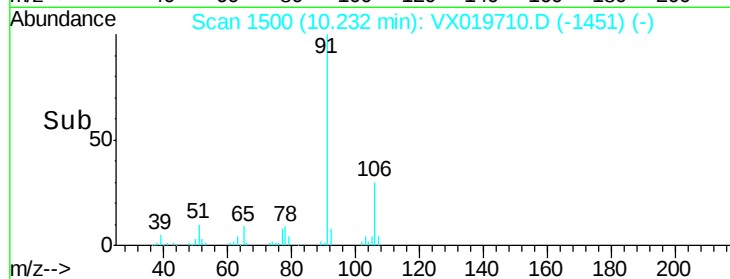
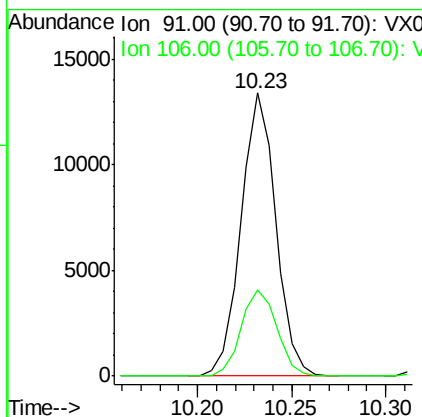
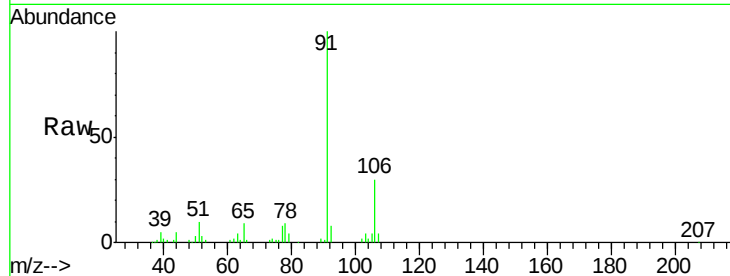




#67
 Ethyl Benzene
 Concen: 0.917 ug/l
 RT: 10.23 min Scan# 1500
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

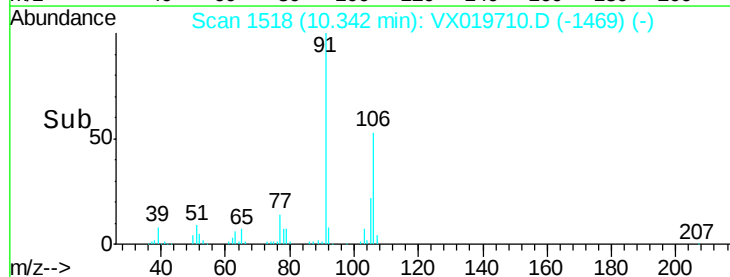
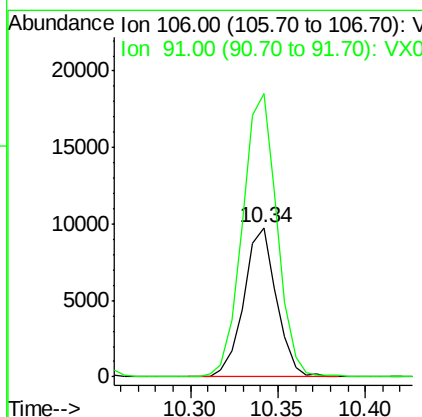
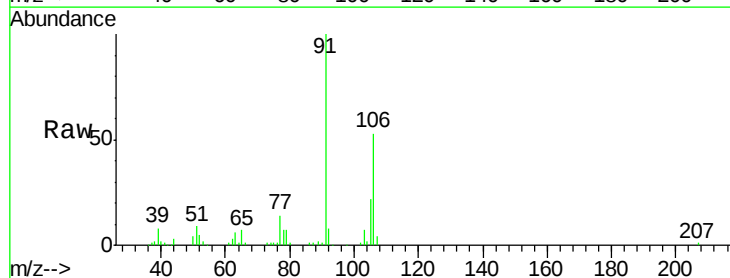
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

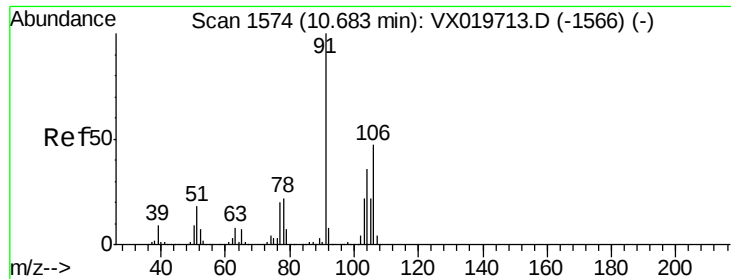
Tgt Ion: 91 Resp: 17152
 Ion Ratio Lower Upper
 91 100
 106 30.3 24.6 37.0



#68
 m/p-Xylenes
 Concen: 1.802 ug/l
 RT: 10.34 min Scan# 1518
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion: 106 Resp: 12599
 Ion Ratio Lower Upper
 106 100
 91 201.0 162.8 244.2

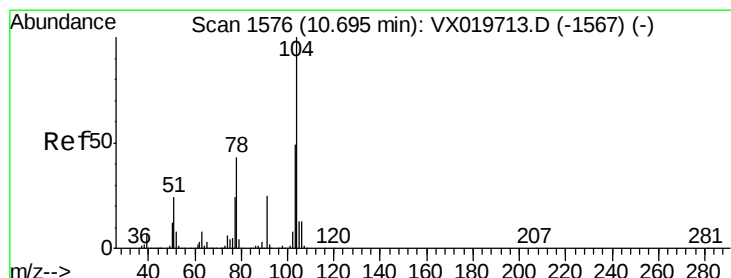
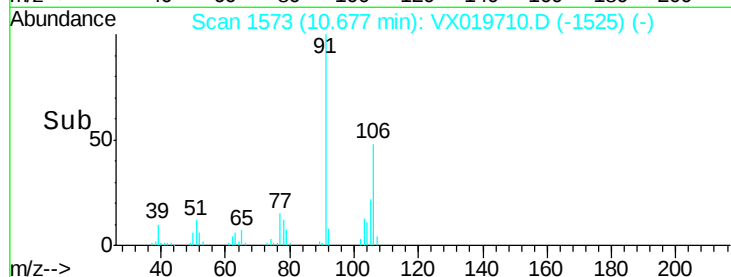
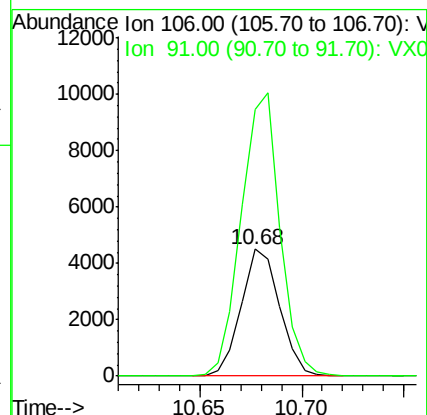
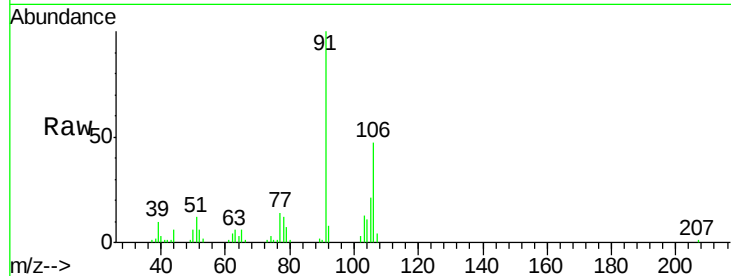




#69
o-Xylene
Concen: 0.872 ug/l
RT: 10.68 min Scan# 1573
Delta R.T. -0.01 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

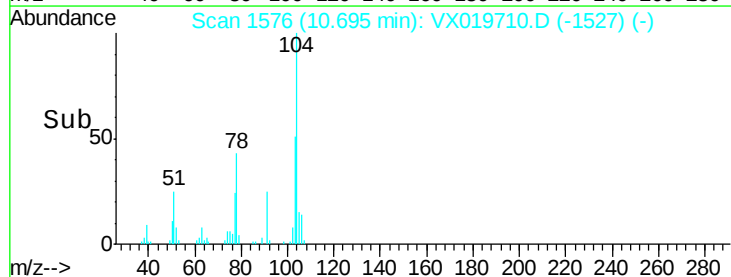
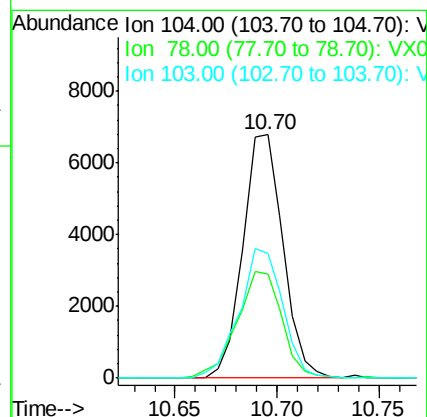
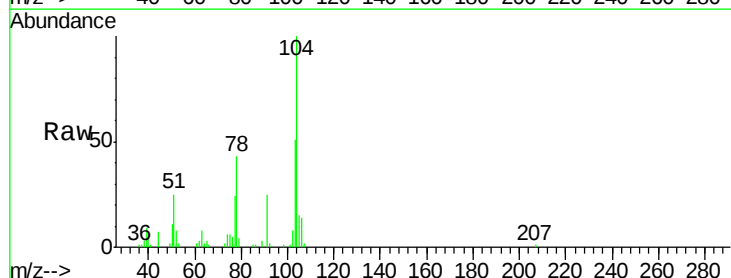
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

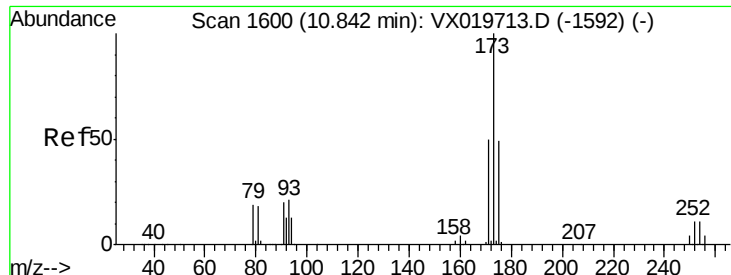
Tgt Ion:106 Resp: 5919
Ion Ratio Lower Upper
106 100
91 223.6 108.1 324.2



#70
Styrene
Concen: 0.814 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion:104 Resp: 9263
Ion Ratio Lower Upper
104 100
78 49.3 40.0 60.0
103 57.6 43.4 65.0





#71

Bromoform

Concen: 0.743 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

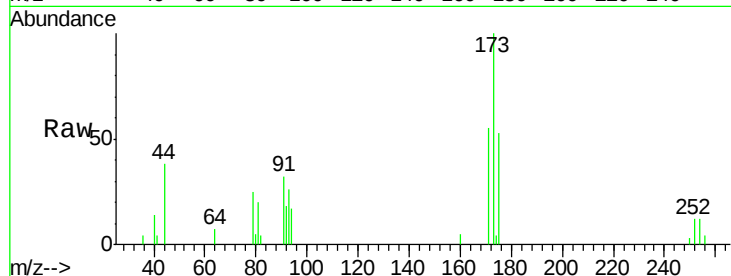
Tgt Ion:173 Resp: 2214

Ion Ratio Lower Upper

173 100

175 53.1 23.9 71.8

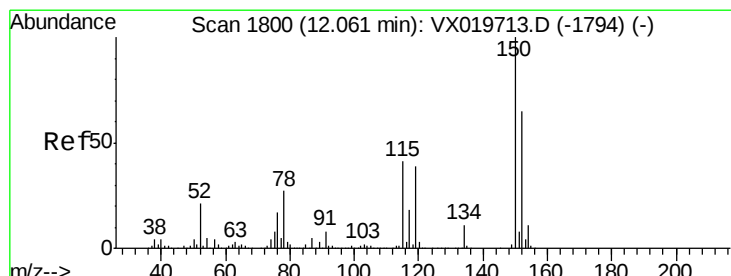
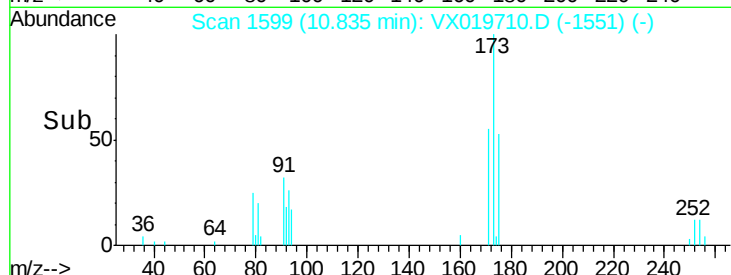
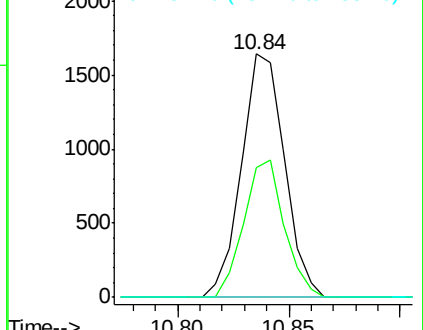
254 0.0 0.1 0.1#



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: VX019710.D

Acq: 04 Dec 2020 10:49

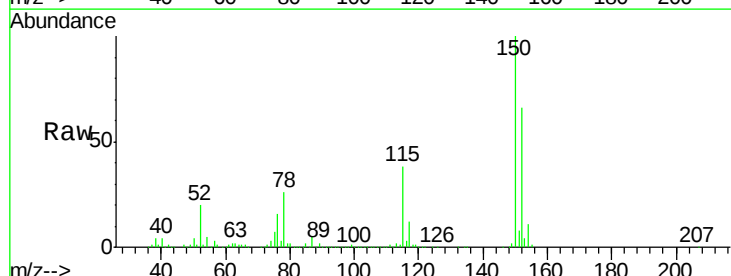
Tgt Ion:152 Resp: 235452

Ion Ratio Lower Upper

152 100

115 59.3 41.1 123.3

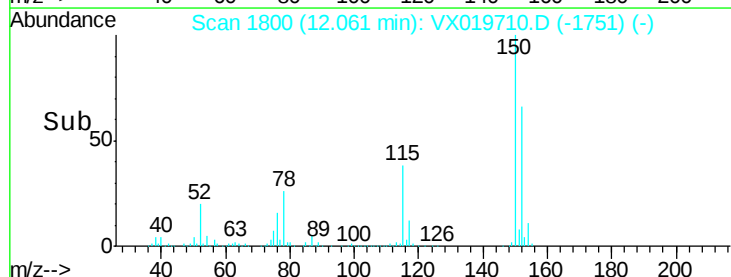
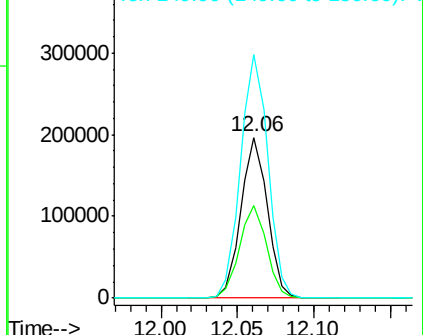
150 157.6 0.0 349.0

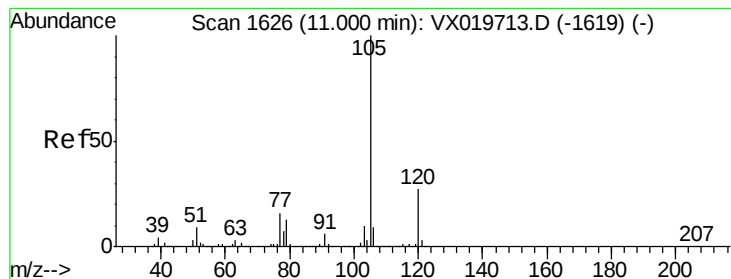


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.931 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

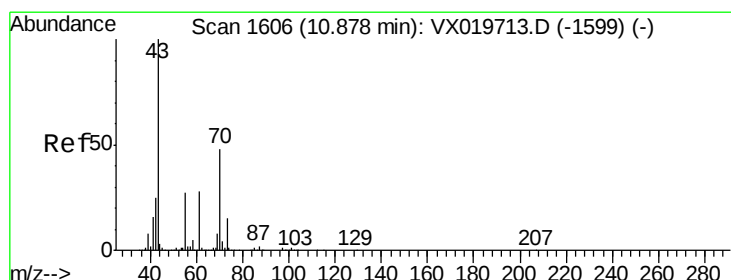
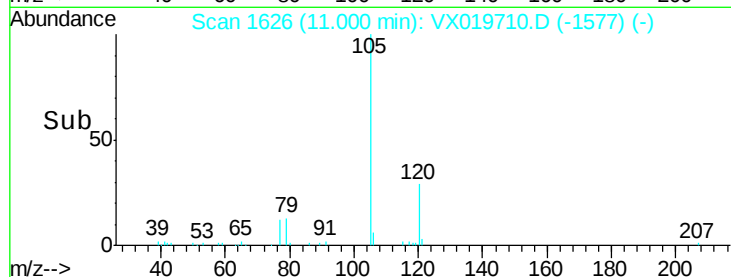
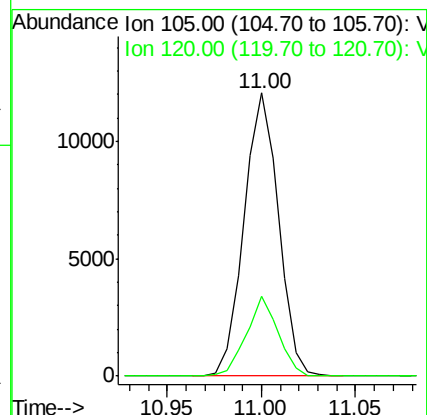
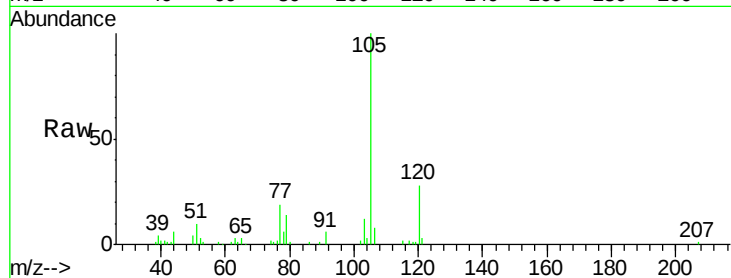
VSTDIC001

Tgt Ion: 105 Resp: 15267

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



#74

N-ethyl acetate

Concen: 0.891 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Tgt Ion: 43 Resp: 5865

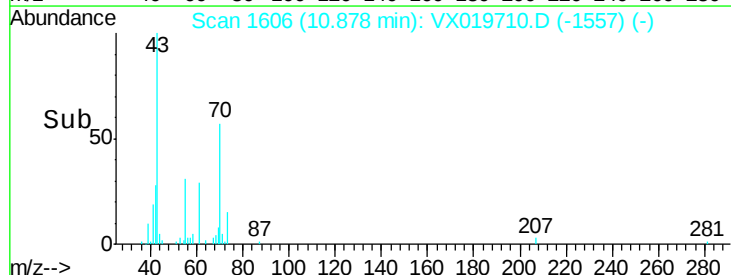
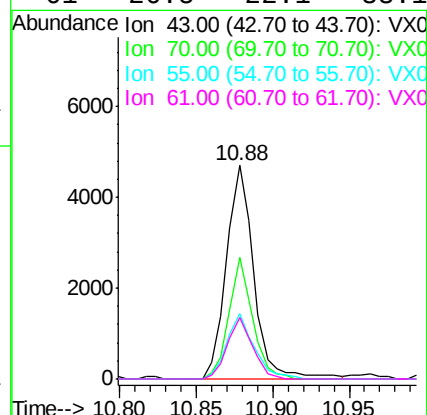
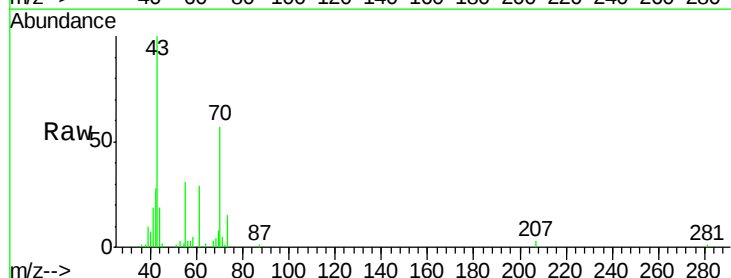
Ion Ratio Lower Upper

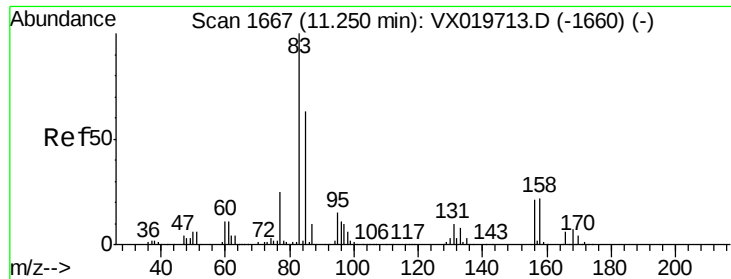
43 100

70 48.9 39.0 58.6

55 30.5 21.5 32.3

61 26.5 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 0.965 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

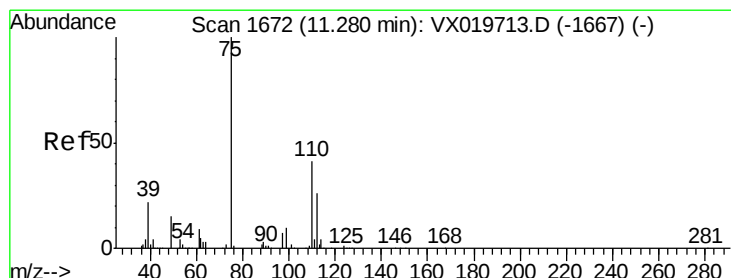
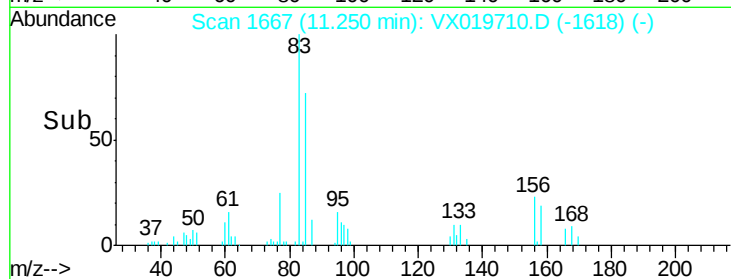
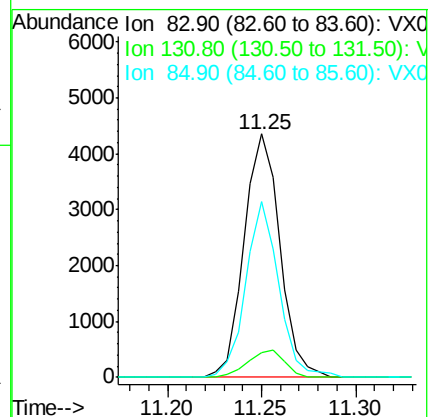
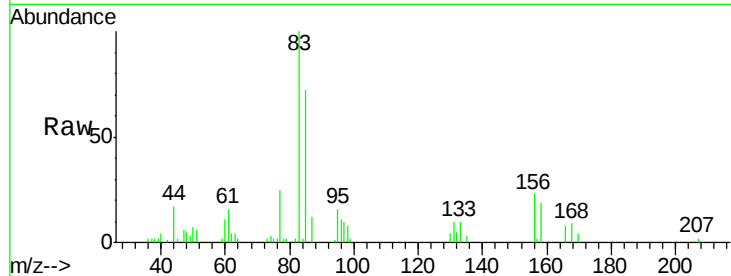
Tgt Ion: 83 Resp: 5730

Ion Ratio Lower Upper

83 100

131 11.3 5.1 15.2

85 66.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 1.162 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019710.D

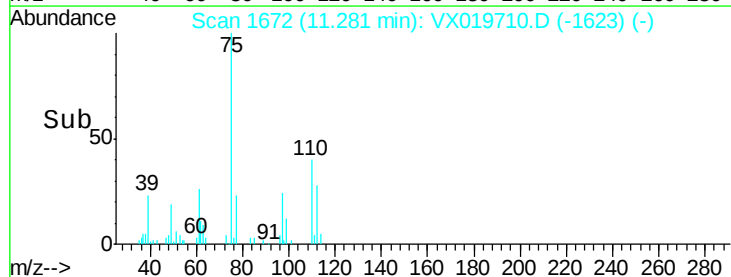
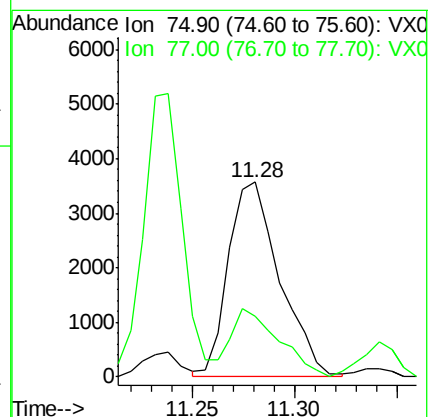
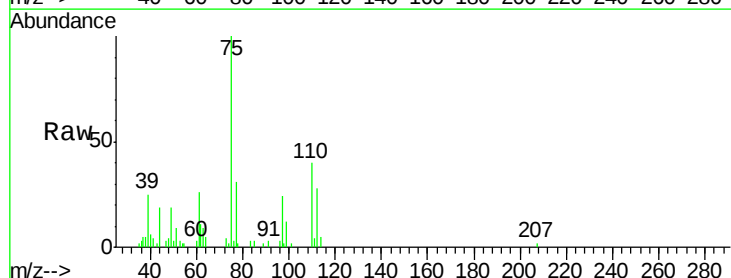
Acq: 04 Dec 2020 10:49

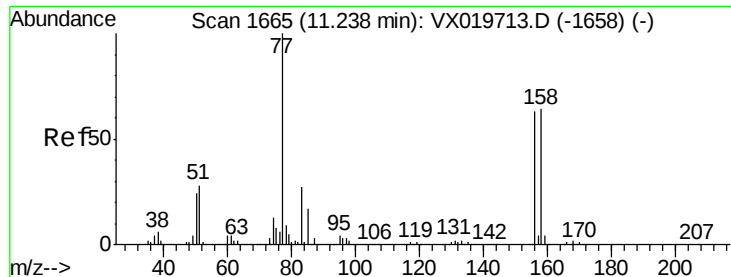
Tgt Ion: 75 Resp: 6271

Ion Ratio Lower Upper

75 100

77 32.0 19.1 57.5





#77

Bromobenzene

Concen: 0.977 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

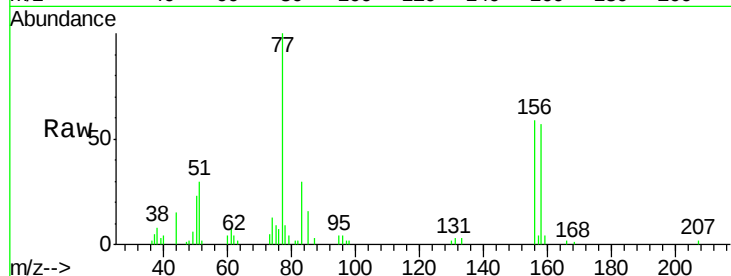
Tgt Ion:156 Resp: 4152

Ion Ratio Lower Upper

156 100

77 162.8 82.8 248.6

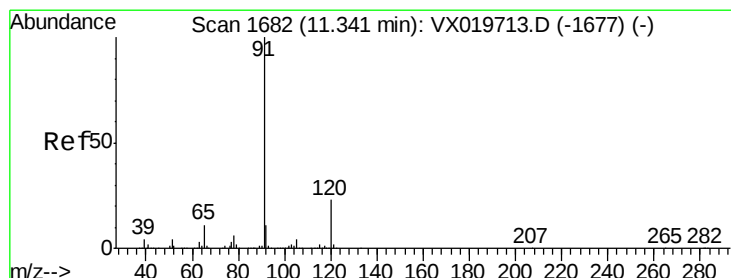
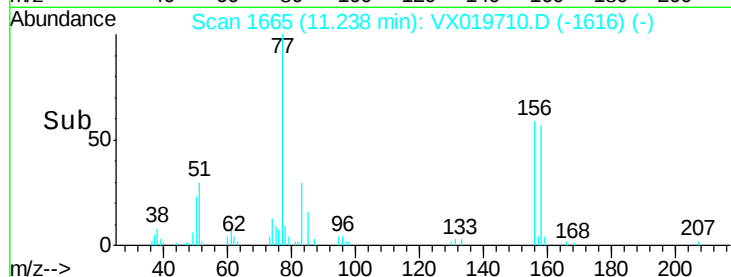
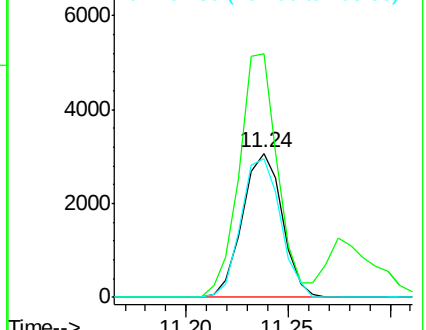
158 95.6 49.1 147.4



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: 0.904 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019710.D

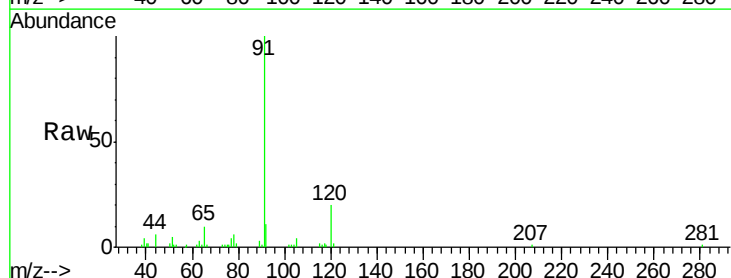
Acq: 04 Dec 2020 10:49

Tgt Ion: 91 Resp: 17087

Ion Ratio Lower Upper

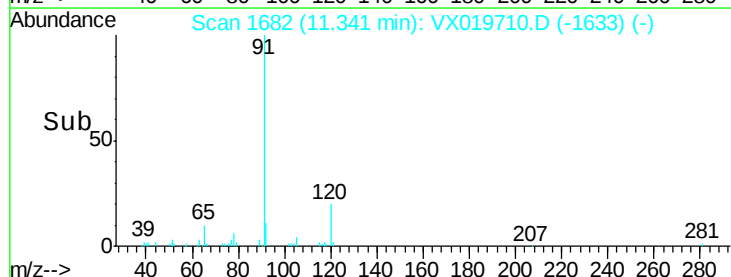
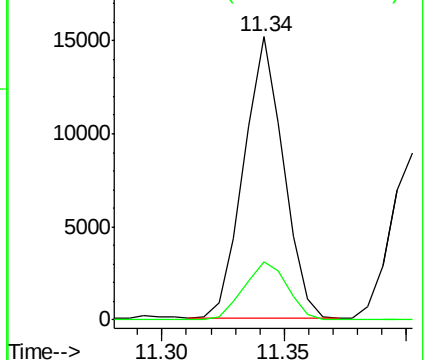
91 100

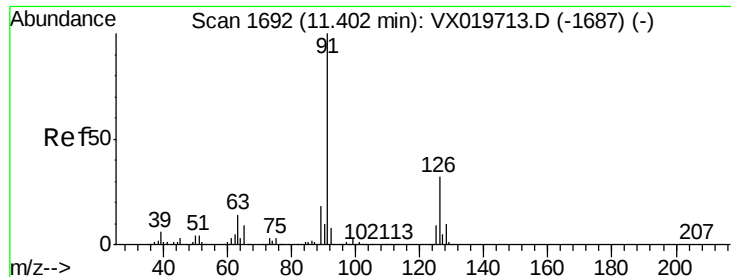
120 22.4 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

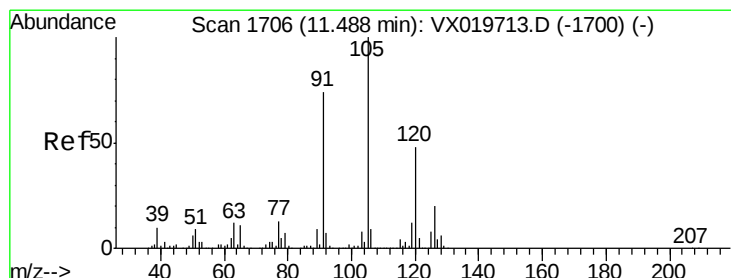
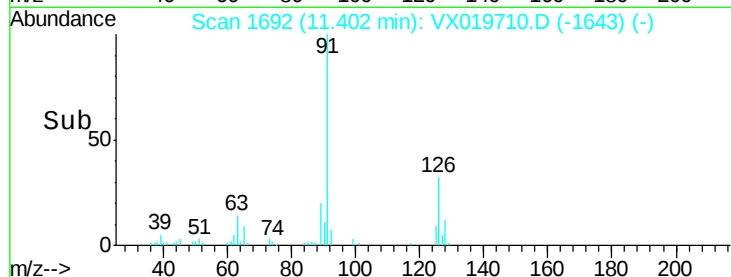
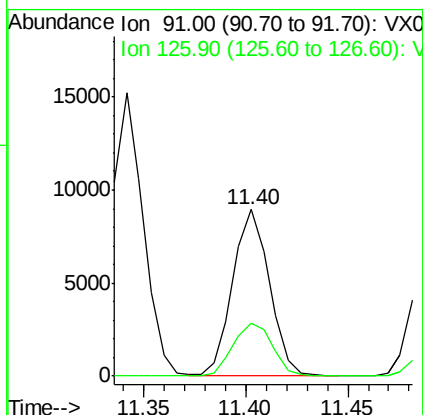
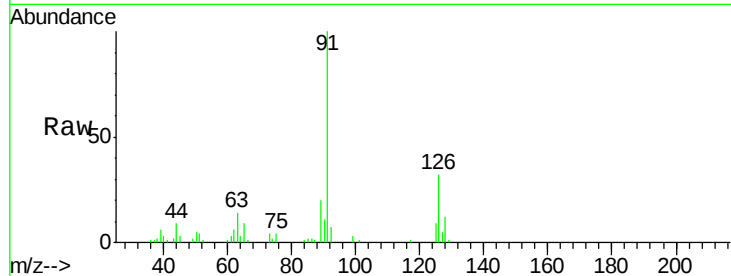




#79
2-Chlorotoluene
Concen: 0.979 ug/l
RT: 11.40 min Scan# 1692
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

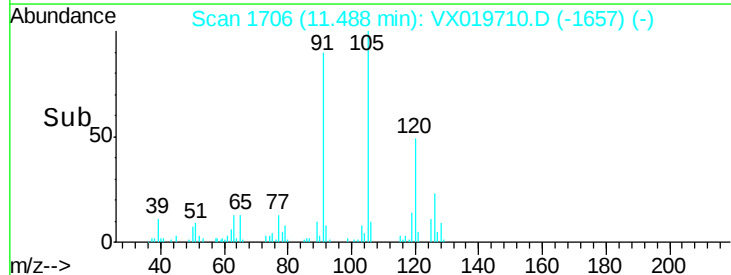
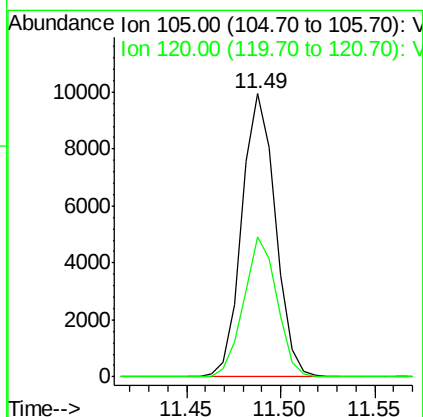
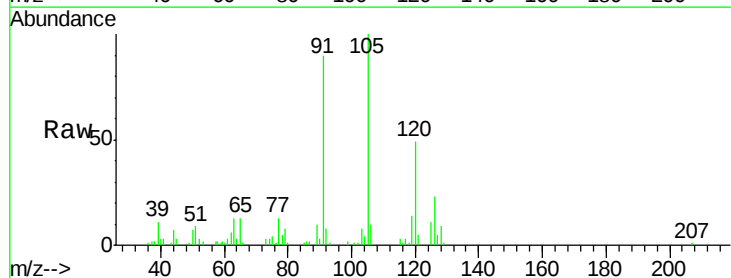
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

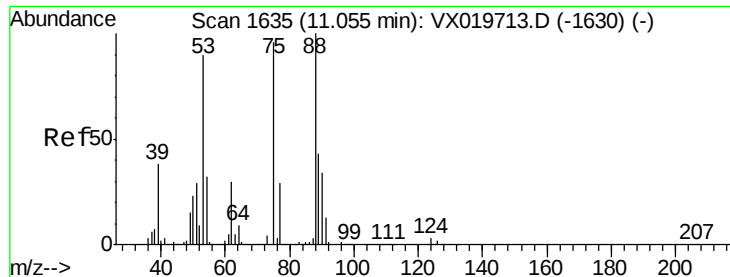
Tgt Ion: 91 Resp: 11259
Ion Ratio Lower Upper
91 100
126 33.9 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 0.885 ug/l
RT: 11.49 min Scan# 1706
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion: 105 Resp: 12272
Ion Ratio Lower Upper
105 100
120 48.8 23.8 71.5





#81

trans-1,4-Dichloro-2-butene

Concen: 0.802 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

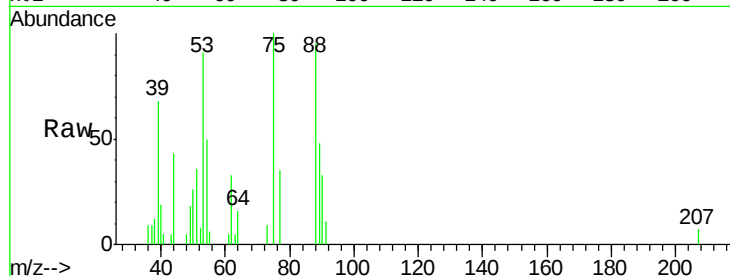
Tgt Ion: 75 Resp: 1548

Ion Ratio Lower Upper

75 100

53 104.5 74.5 111.7

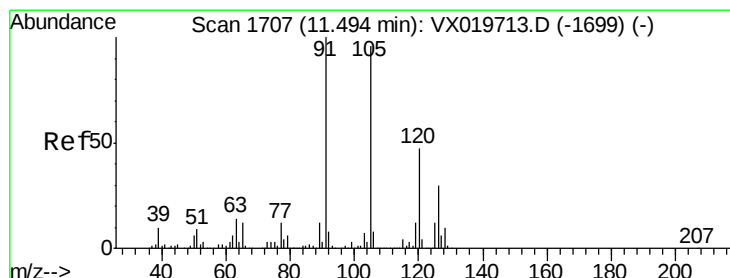
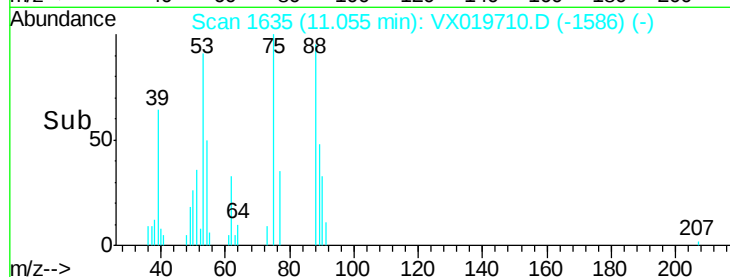
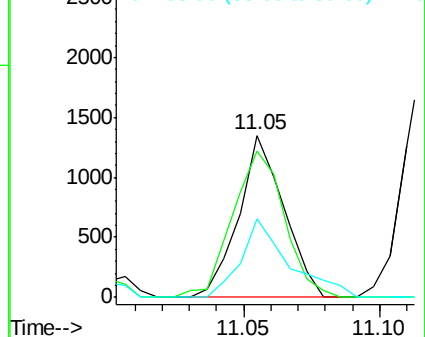
89 51.6 37.9 56.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.976 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019710.D

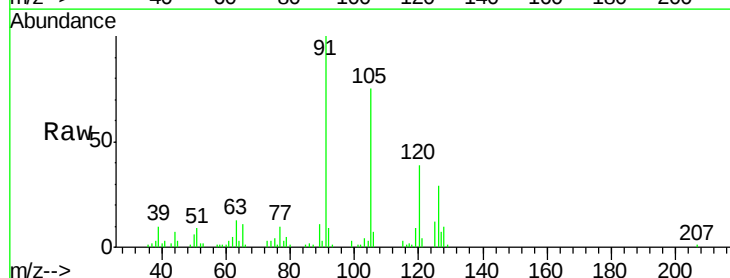
Acq: 04 Dec 2020 10:49

Tgt Ion: 91 Resp: 13086

Ion Ratio Lower Upper

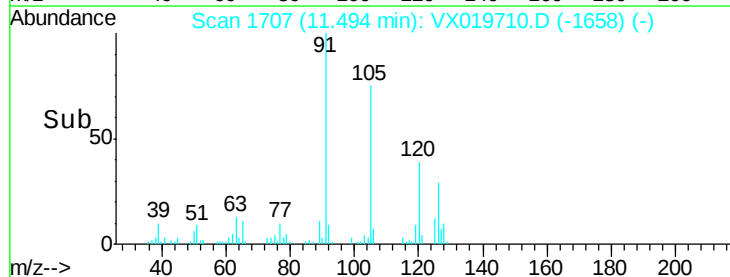
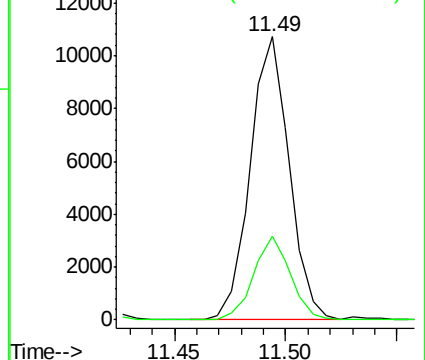
91 100

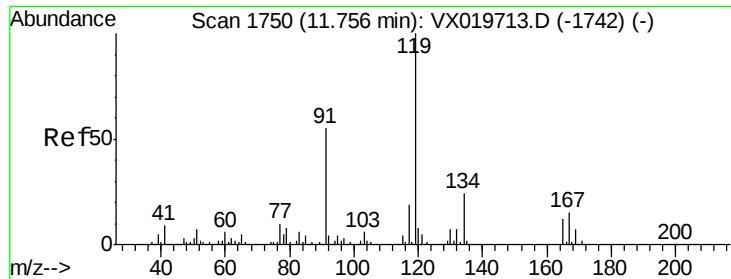
126 27.8 14.9 44.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

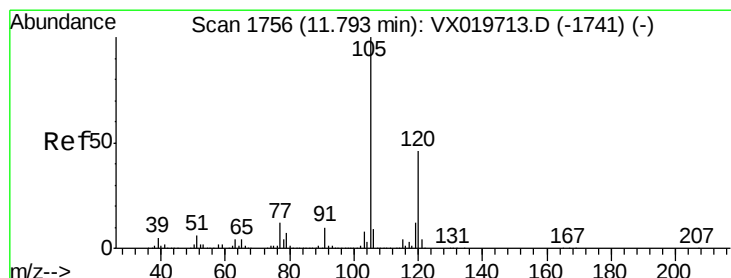
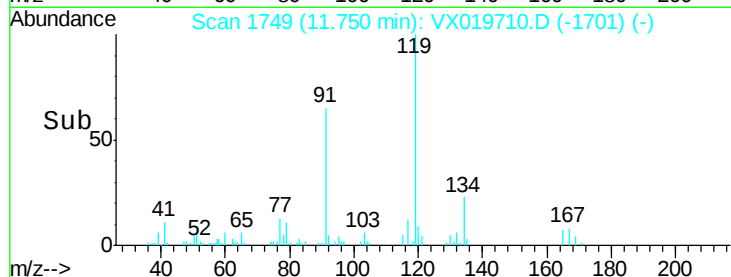
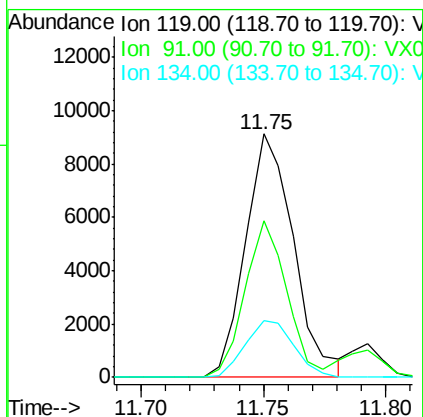
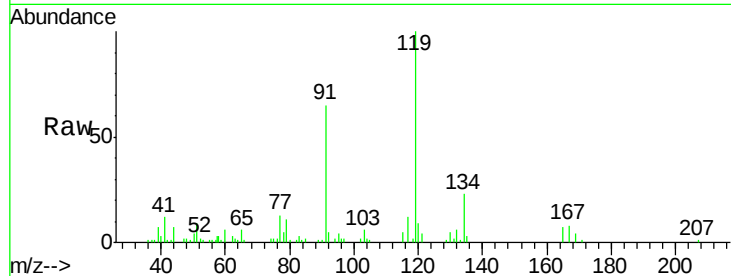




#83
 tert-Butylbenzene
 Concen: 0.909 ug/l
 RT: 11.75 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

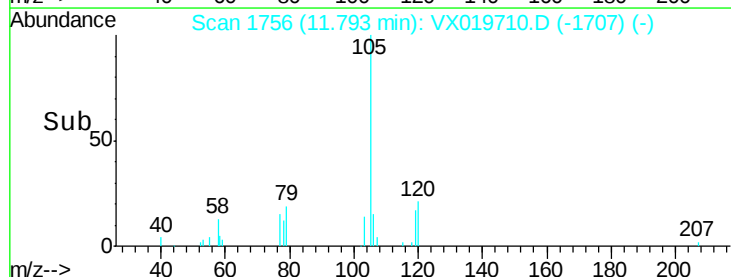
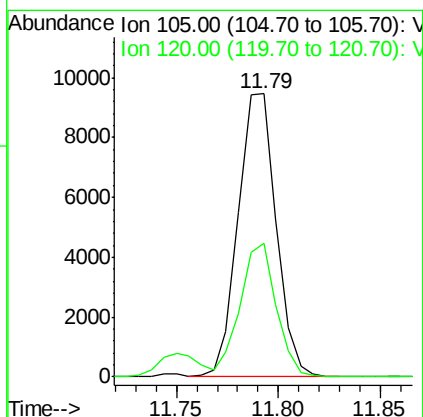
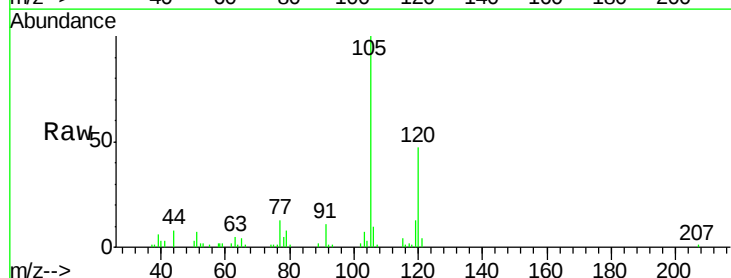
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

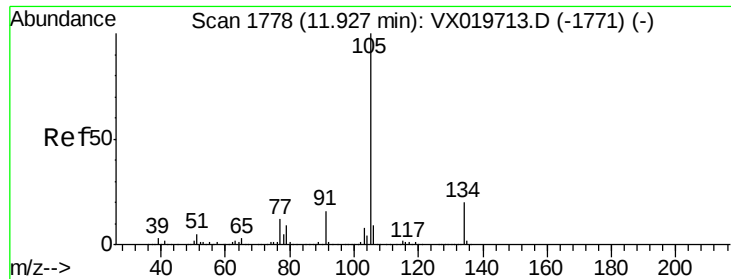
Tgt Ion:119 Resp: 12483
 Ion Ratio Lower Upper
 119 100
 91 56.2 27.9 83.7
 134 23.6 11.3 33.9



#84
 1,2,4-Trimethylbenzene
 Concen: 0.876 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion:105 Resp: 12280
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3





#85

sec-Butylbenzene

Concen: 0.887 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

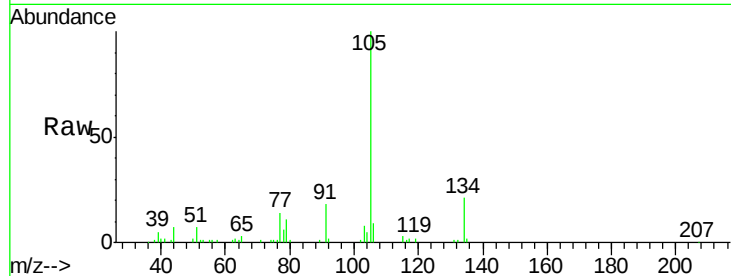
VSTDIC001

Tgt Ion:105 Resp: 13834

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

11.93

12000

10000

8000

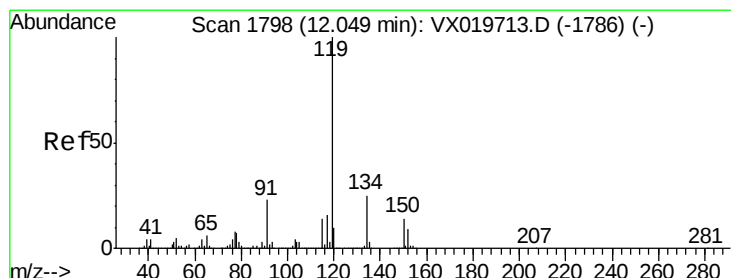
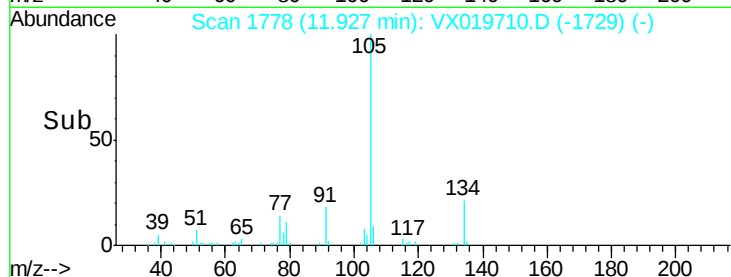
6000

4000

2000

0

Time-->



#86

p-Isopropyltoluene

Concen: 0.849 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

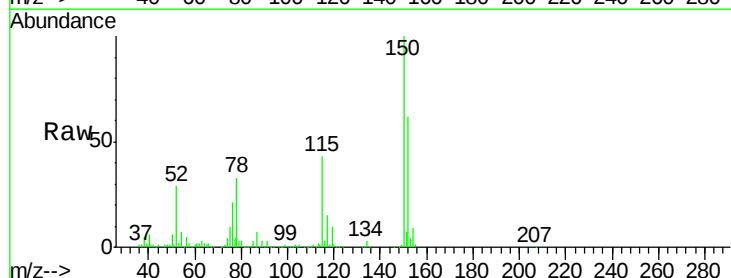
Tgt Ion:119 Resp: 12210

Ion Ratio Lower Upper

119 100

134 29.1 12.9 38.7

91 29.6 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): V

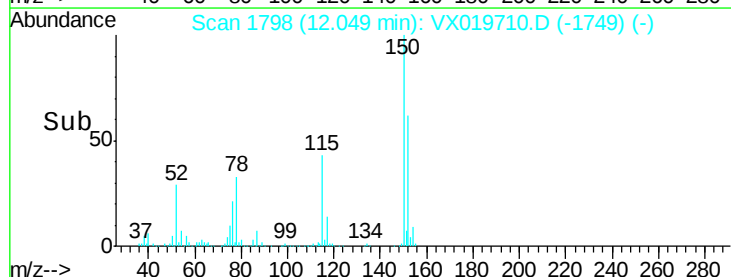
12.05

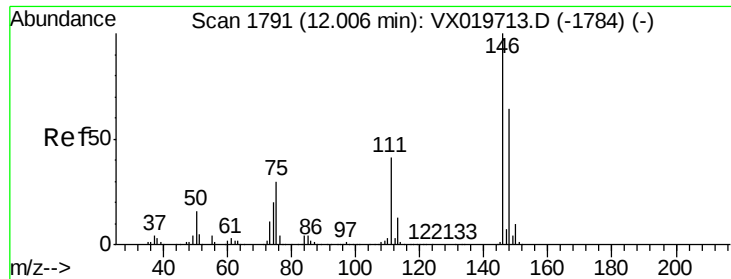
10000

5000

0

Time-->

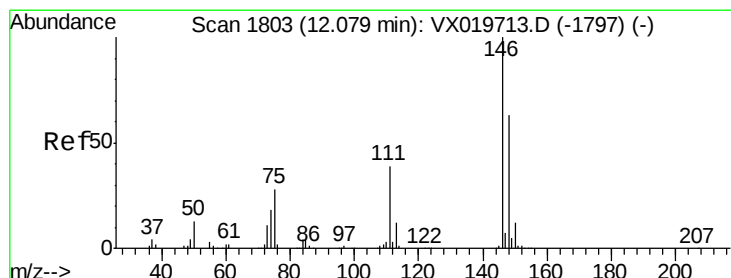
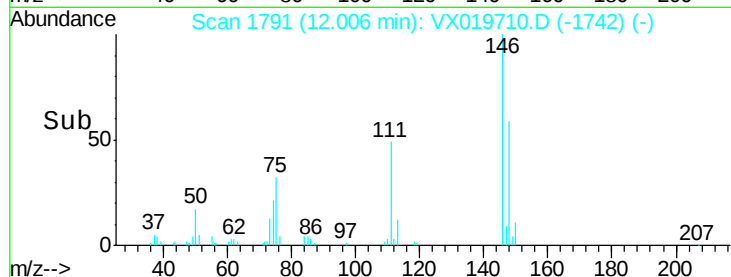
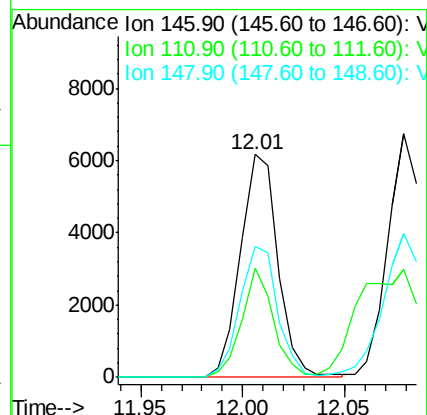
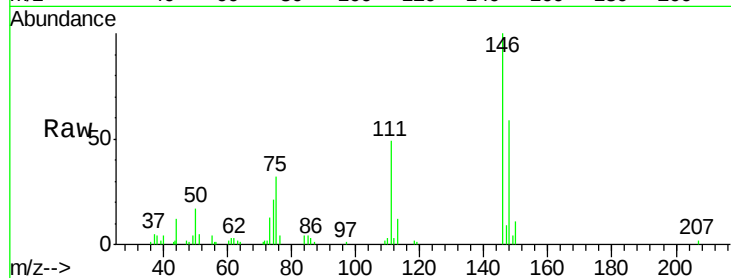




#87
 1,3-Dichlorobenzene
 Concen: 1.018 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

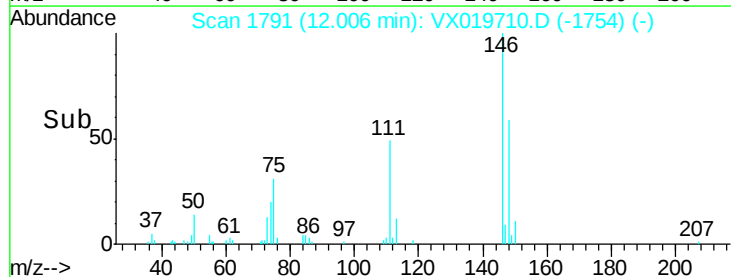
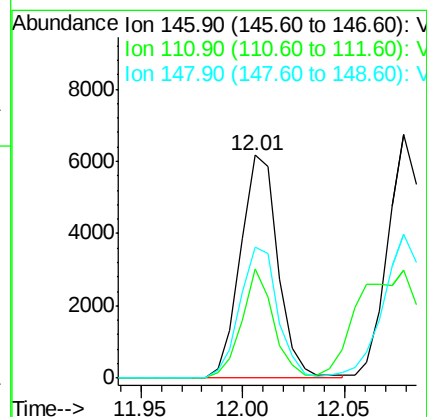
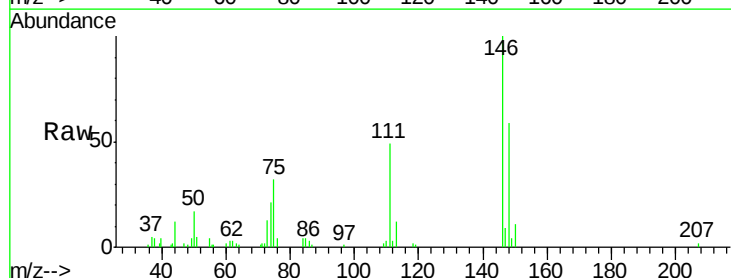
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

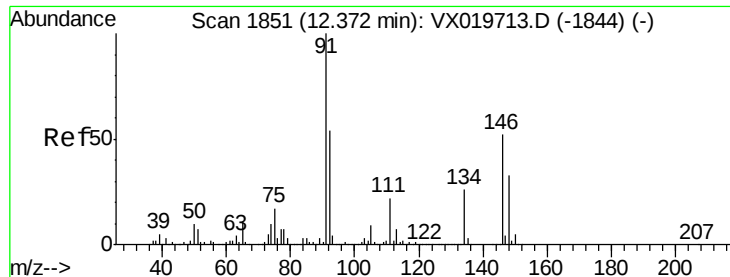
Tgt Ion:146 Resp: 7873
 Ion Ratio Lower Upper
 146 100
 111 41.9 20.2 60.5
 148 59.2 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 0.997 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.07 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion:146 Resp: 7873
 Ion Ratio Lower Upper
 146 100
 111 41.9 19.6 58.8
 148 59.2 31.6 95.0





#89

n-Butylbenzene

Concen: 0.890 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX019710.D

Acq: 04 Dec 2020 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

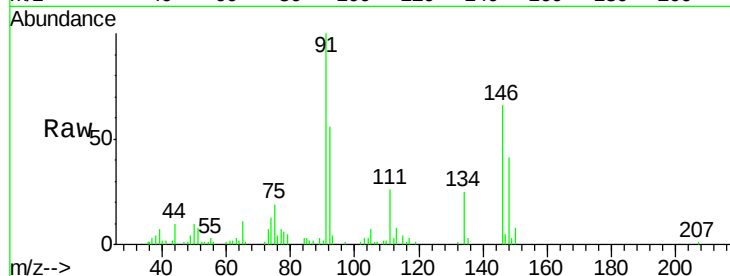
Tgt Ion: 91 Resp: 11216

Ion Ratio Lower Upper

91 100

92 56.8 27.4 82.0

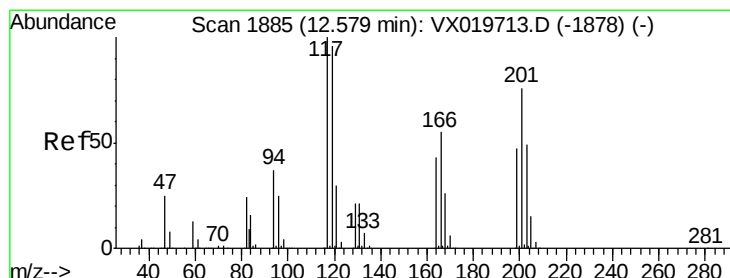
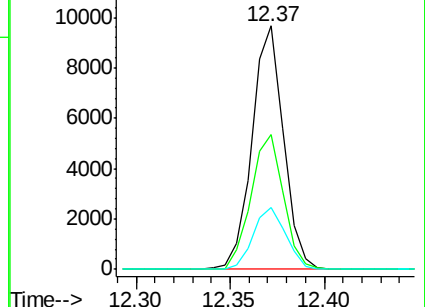
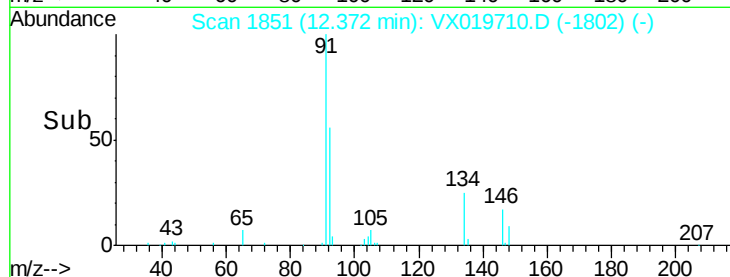
134 26.2 13.2 39.5



Abundance Ion 91.00 (90.70 to 91.70): VX019710.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX019710.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX019710.D (-1802) (-)



#90

Hexachloroethane

Concen: 0.876 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX019710.D

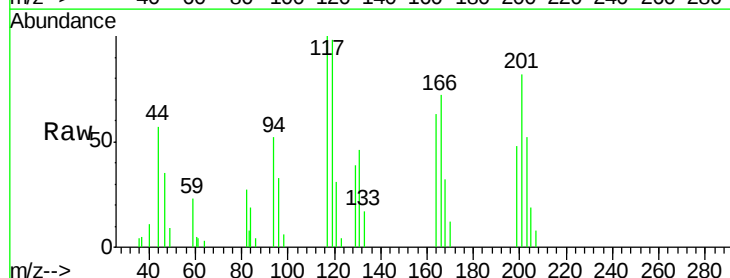
Acq: 04 Dec 2020 10:49

Tgt Ion: 117 Resp: 2143

Ion Ratio Lower Upper

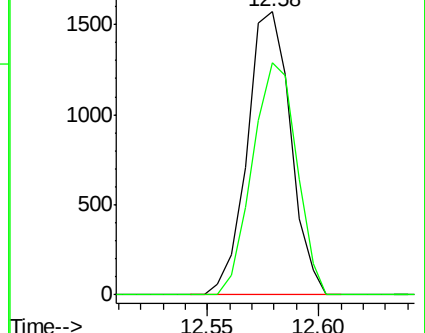
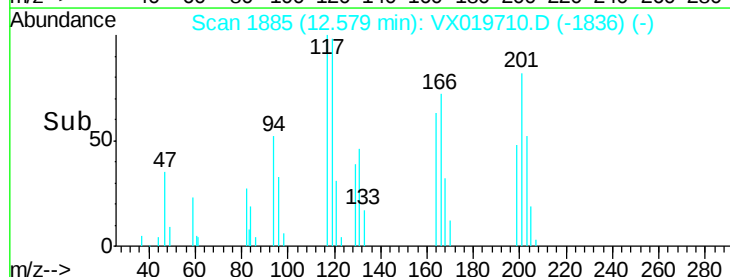
117 100

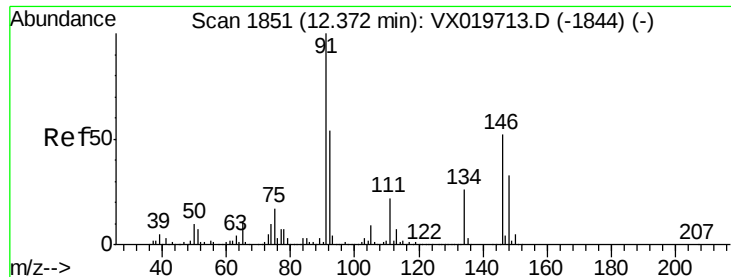
201 83.4 40.4 121.2



Abundance Ion 116.80 (116.50 to 117.50): VX019710.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX019710.D (-1836) (-)

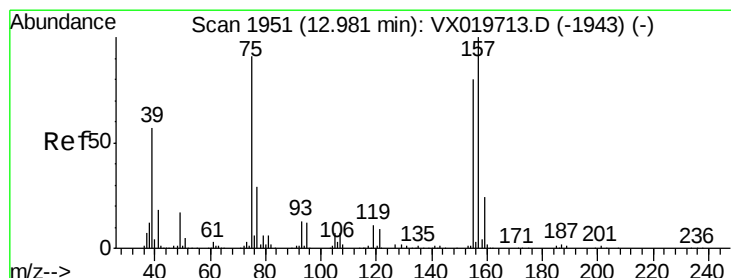
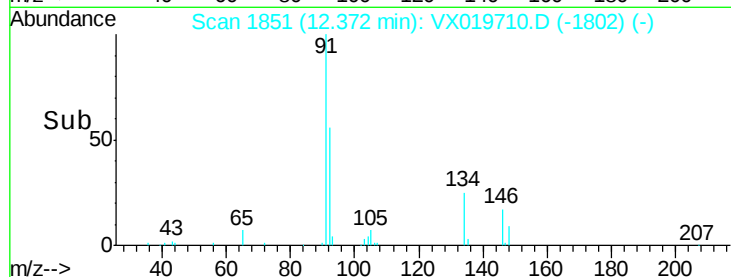
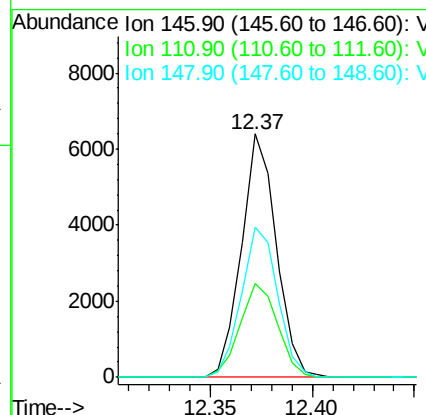
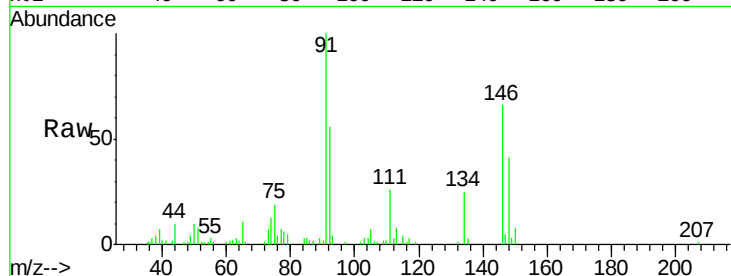




#91
1,2-Dichlorobenzene
Concen: 1.003 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

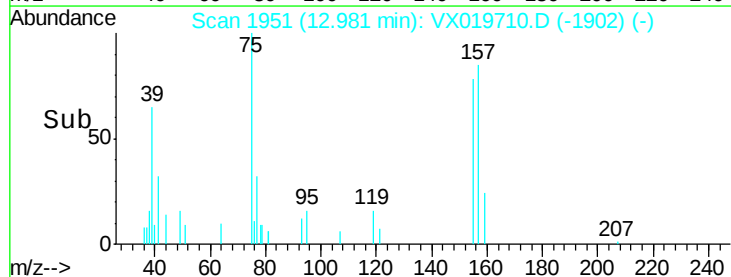
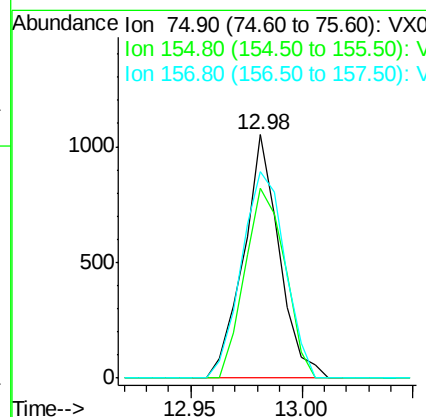
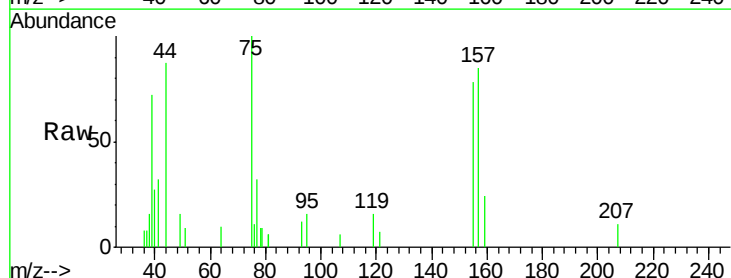
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

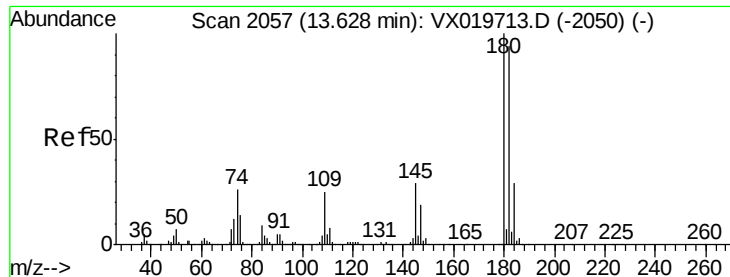
Tgt Ion: 146 Resp: 7594
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.2
148 64.4 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.938 ug/l
RT: 12.98 min Scan# 1951
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion: 75 Resp: 1176
Ion Ratio Lower Upper
75 100
155 87.8 45.3 135.9
157 103.0 57.7 173.1

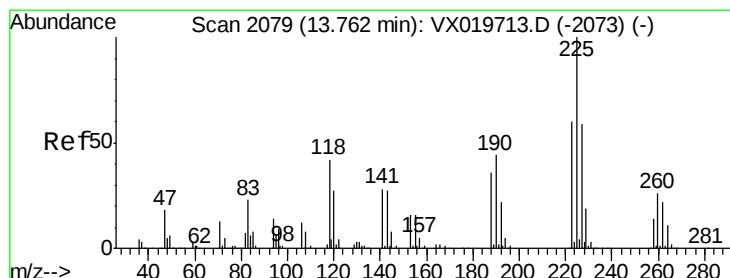
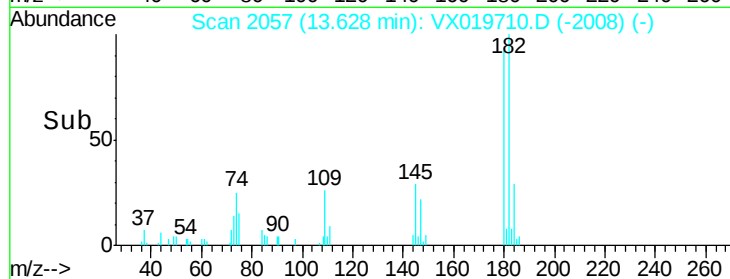
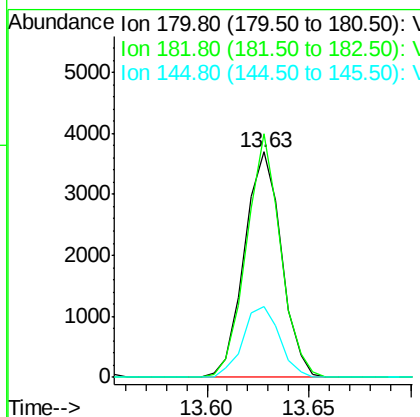
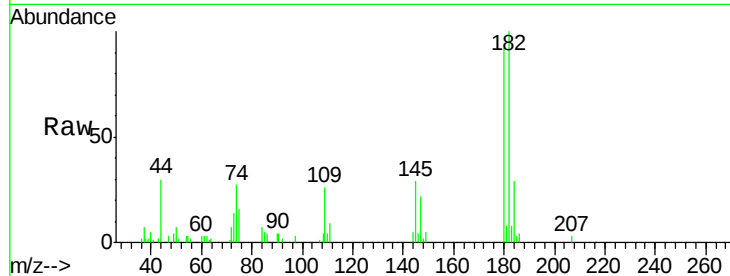




#93
 1,2,4-Trichlorobenzene
 Concen: 0.950 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

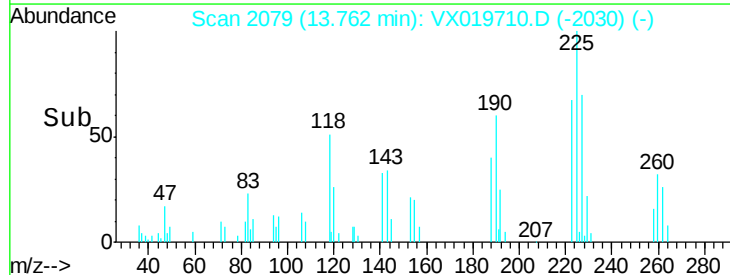
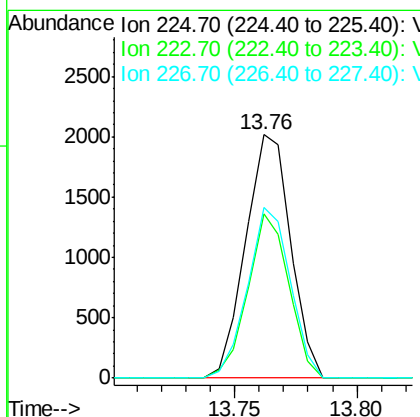
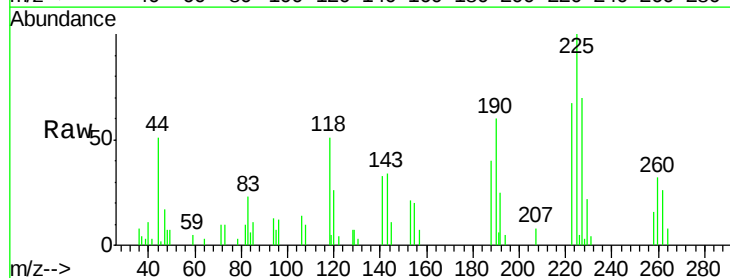
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

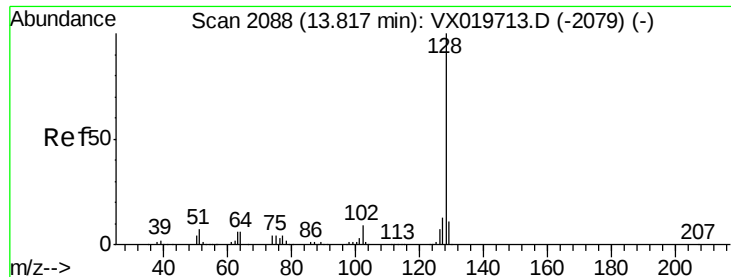
Tgt Ion:180 Resp: 4660
 Ion Ratio Lower Upper
 180 100
 182 99.8 47.7 143.1
 145 31.0 15.0 45.0



#94
 Hexachlorobutadiene
 Concen: 1.246 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. 0.00 min
 Lab File: VX019710.D
 Acq: 04 Dec 2020 10:49

Tgt Ion:225 Resp: 2594
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.1 93.2
 227 66.4 31.6 95.0

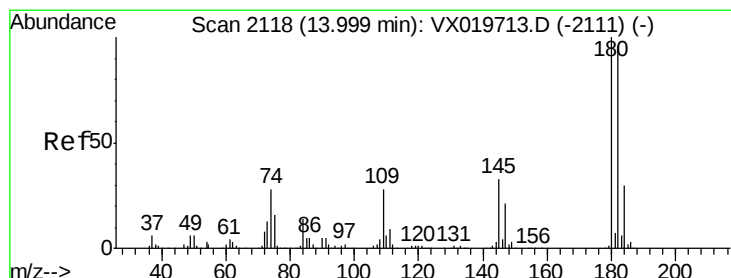
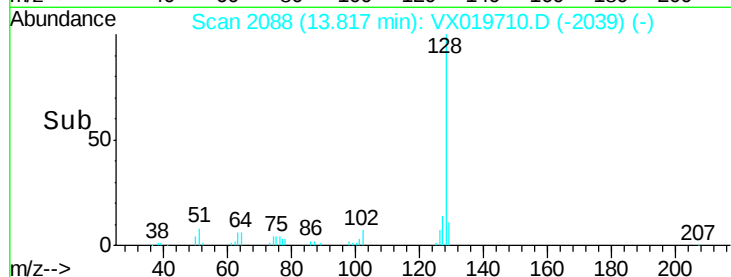
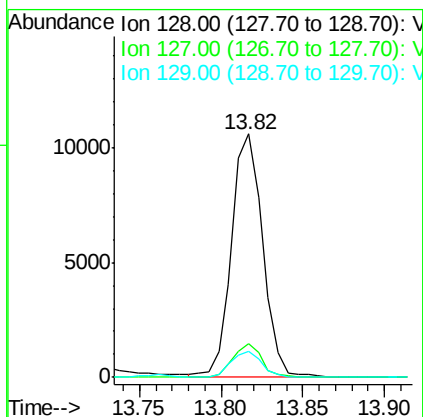
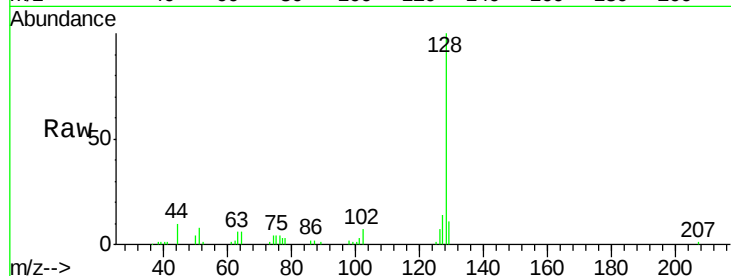




#95
Naphthalene
Concen: 0.890 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tgt Ion:128 Resp: 14167
Ion Ratio Lower Upper
128 100
127 12.4 10.3 15.5
129 10.3 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 0.934 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX019710.D
Acq: 04 Dec 2020 10:49

Tgt Ion:180 Resp: 4544
Ion Ratio Lower Upper
180 100
182 97.2 47.6 142.9
145 31.1 16.1 48.3

