

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112020\
 Data File : VX019468.D
 Acq On : 19 Nov 2020 16:02
 Operator : JC/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 19 17:25:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 19 17:22:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.97	128	50645	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.82	114	271148	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.09	117	255295	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.02	65	110397	32.34	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.80%
60) 4-Bromofluorobenzene	11.12	95	118747	30.46	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	101.53%
63) Toluene-d8	8.69	98	340286	30.19	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.63%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	12868	4.791 ug/l	98
3) Chloromethane	1.31	50	15548	6.145 ug/l	100
4) Vinyl Chloride	1.39	62	17165	5.414 ug/l	96
5) Bromomethane	1.62	94	7316	3.518 ug/l	95
6) Chloroethane	1.69	64	5245	2.697 ug/l	99
7) Trichlorofluoromethane	1.90	101	24634	4.626 ug/l	100
8) Diethyl Ether	2.17	74	10229	5.073 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	14524	5.549 ug/l	98
10) 1,1-Dichloroethene	2.35	96	14061	5.289 ug/l	95
11) Methyl Iodide	2.48	142	14738	5.451 ug/l	99
12) Methyl Acetate	2.75	43	16816	6.143 ug/l	94
13) Acrolein	2.28	56	13626	46.365 ug/l	99
14) Acrylonitrile	3.12	53	40610	31.233 ug/l	100
15) Acetone	2.42	58	12392	32.783 ug/l	94
16) Carbon Disulfide	2.54	76	35394	4.878 ug/l	98
17) Allyl chloride	2.70	41	19909	5.789 ug/l	95
18) Methylene Chloride	2.83	84	17747	5.764 ug/l	98
19) trans-1,2-Dichloroethene	3.13	96	15291	4.990 ug/l	99
20) Diisopropyl ether	3.82	45	43649	6.158 ug/l	92
21) 1,1-Dichloroethane	3.67	63	27509	5.519 ug/l	98
22) cis-1,2-Dichloroethene	4.56	96	17841	5.024 ug/l	96
23) tert-Butyl Alcohol	3.04	59	16952	27.048 ug/l	# 100
24) Methyl tert-Butyl Ether	3.17	73	45816	5.376 ug/l	97
25) Chloroform	5.17	83	29187	5.333 ug/l	100
26) Cyclohexane	5.54	56	23018	5.827 ug/l	# 96
29) 1,1-Dichloropropene	5.76	75	20864	5.253 ug/l	98
30) 2-Butanone	4.64	43	53312	31.630 ug/l	# 93
31) 2,2-Dichloropropane	4.54	77	23026	5.067 ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	24733	5.191 ug/l	97
33) Carbon Tetrachloride	5.74	117	19975	4.844 ug/l	89
34) Benzene	6.10	78	65929	5.546 ug/l	98
35) Methacrylonitrile	5.00	41	11003	6.186 ug/l	96
36) 1,2-Dichloroethane	6.16	62	23612	5.772 ug/l	100
37) Trichloroethene	7.18	130	17604	5.230 ug/l	96
38) Methylcyclohexane	7.43	83	24419	5.392 ug/l	99
39) 1,2-Dichloropropane	7.48	63	15790	5.611 ug/l	93
40) Dibromomethane	7.63	93	10992	5.147 ug/l	94

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 Data File : VX019468.D
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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 19 17:25:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X112020W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 19 17:22:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	20849	4.977	ug/l	99
42) Vinyl Acetate	3.78	43	176370	27.684	ug/l	100
43) Ethyl Acetate	4.79	43	20338	5.917	ug/l	100
44) Isopropyl Acetate	6.41	43	32546	5.683	ug/l	99
45) 1,4-Dioxane	7.72	88	7230	118.769	ug/l	99
46) Methyl methacrylate	7.74	41	15370	5.663	ug/l	93
47) n-amyl Acetate	10.88	43	23492	5.092	ug/l	99
48) t-1,3-Dichloropropene	9.02	75	21551	4.627	ug/l	98
49) cis-1,3-Dichloropropene	8.41	75	24770	4.969	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	17389	5.558	ug/l	95
51) Ethyl methacrylate	9.16	69	21922	4.891	ug/l	96
52) 1,3-Dichloropropane	9.35	76	28735	5.644	ug/l	100
53) Dibromochloromethane	9.56	129	15292	4.499	ug/l	99
54) 1,2-Dibromoethane	9.65	107	17292	5.157	ug/l	98
55) 2-Chloroethyl vinyl ether	8.29	63	65019	27.446	ug/l	99
56) Bromoform	10.84	173	10006	4.217	ug/l	97
58) 4-Methyl-2-Pentanone	8.62	43	97662	28.390	ug/l	99
59) 2-Hexanone	9.47	43	75274	29.250	ug/l	98
61) Tetrachloroethene	9.32	164	17702	5.559	ug/l	96
62) Toluene	8.76	91	71499	5.156	ug/l	99
64) Chlorobenzene	10.12	112	43385	5.022	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.20	131	15169	4.825	ug/l	98
66) Ethyl Benzene	10.23	91	74896	4.915	ug/l	99
67) m/p-Xylenes	10.34	106	55094	9.496	ug/l	99
68) o-Xylene	10.68	106	26029	4.704	ug/l	97
69) Styrene	10.70	104	41907	4.481	ug/l	99
70) Isopropylbenzene	11.00	105	71231	4.767	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.25	83	24779	5.583	ug/l	100
72) 1,2,3-Trichloropropane	11.28	75	27643	6.960	ug/l	88
73) Bromobenzene	11.24	156	18741	5.125	ug/l	96
74) n-propylbenzene	11.34	91	80964	4.783	ug/l	100
75) 2-Chlorotoluene	11.40	91	50743	5.213	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	58760	4.819	ug/l	98
77) t-1,4-Dichloro-2-butene	11.05	75	5912	3.890	ug/l	83
78) 4-Chlorotoluene	11.49	91	57192	5.017	ug/l	100
79) tert-butylbenzene	11.76	119	55933	4.698	ug/l	100
80) 1,2,4-Trimethylbenzene	11.79	105	58249	4.806	ug/l	99
81) sec-Butylbenzene	11.93	105	67471	4.755	ug/l	98
82) p-Isopropyltoluene	12.05	119	59982	4.606	ug/l	100
83) 1,3-Dichlorobenzene	12.01	146	33741	5.119	ug/l	98
84) 1,4-Dichlorobenzene	12.08	146	33070	4.944	ug/l	98
85) n-Butylbenzene	12.37	91	52782	4.536	ug/l	98
86) Hexachloroethane	12.58	117	9182	4.508	ug/l	99
87) 1,2-Dichlorobenzene	12.37	146	32565	5.133	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.98	75	4576	4.665	ug/l	98
89) 1,2,4-Trichlorobenzene	13.63	180	19421	4.351	ug/l	98
90) Hexachlorobutadiene	13.76	225	9499	4.877	ug/l	94
91) Naphthalene	13.82	128	57407	3.948	ug/l	100
92) 1,2,3-Trichlorobenzene	14.00	180	19437	4.481	ug/l	97

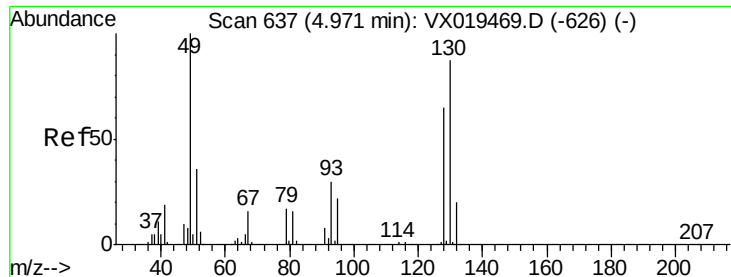
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112020\
Data File : VX019468.D
Acq On : 19 Nov 2020 16:02
Operator : JC/MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Nov 19 17:25:01 2020
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Nov 19 17:22:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.97 min Scan# 637

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

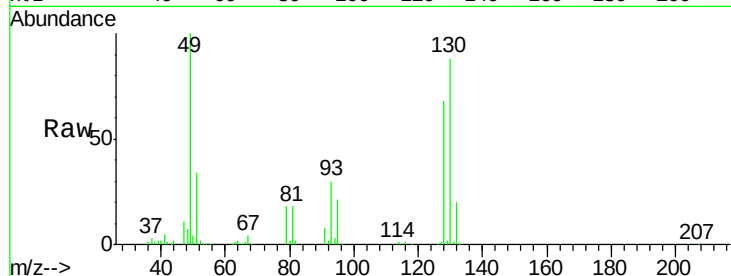
Tgt Ion:128 Resp: 50645

Ion Ratio Lower Upper

128 100

49 148.8 0.0 377.8

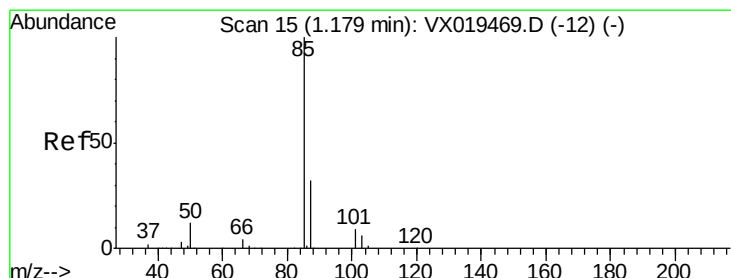
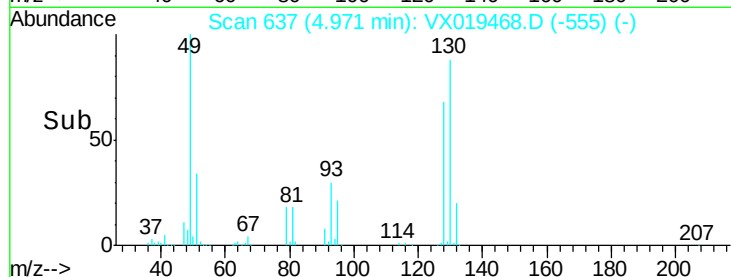
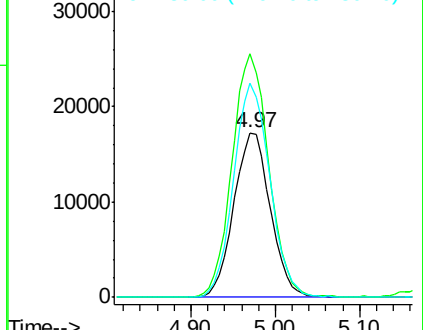
130 129.5 0.0 324.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 4.791 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX019468.D

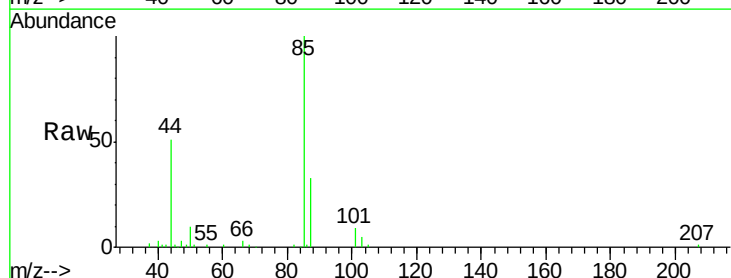
Acq: 19 Nov 2020 16:02

Tgt Ion: 85 Resp: 12868

Ion Ratio Lower Upper

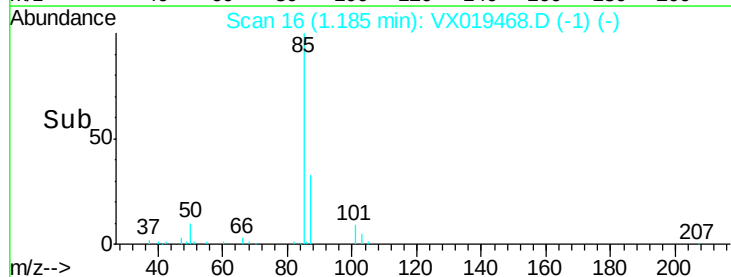
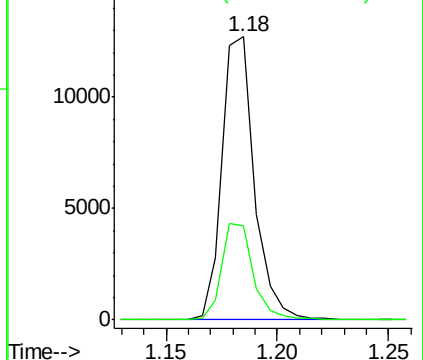
85 100

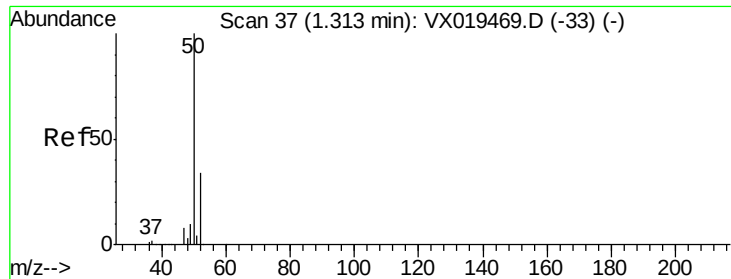
87 33.3 16.0 47.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 6.145 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

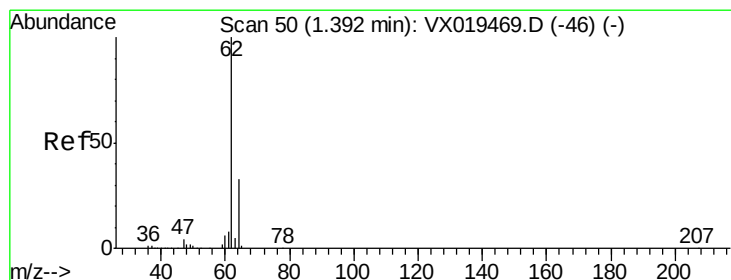
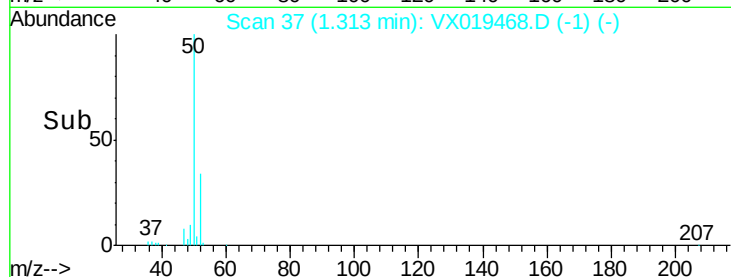
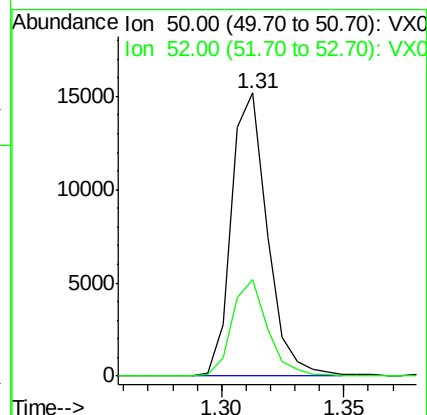
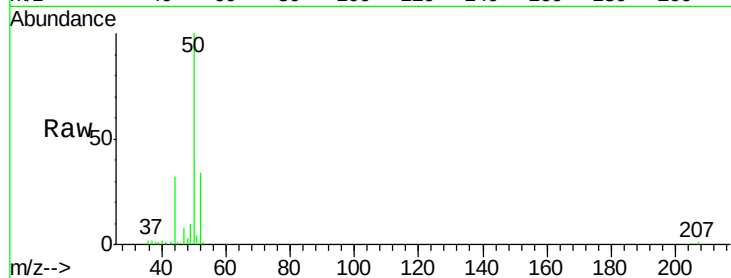
VSTDIC005

Tgt Ion: 50 Resp: 15548

Ion Ratio Lower Upper

50 100

52 34.2 27.5 41.3



#4

Vinyl Chloride

Concen: 5.414 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019468.D

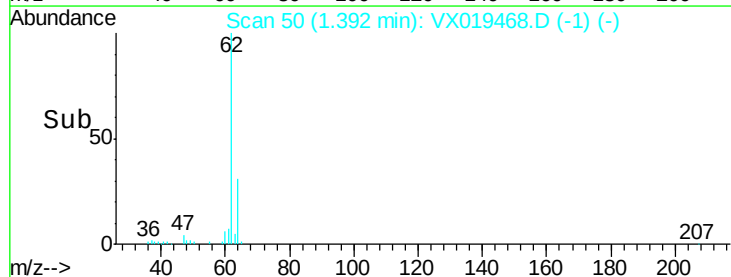
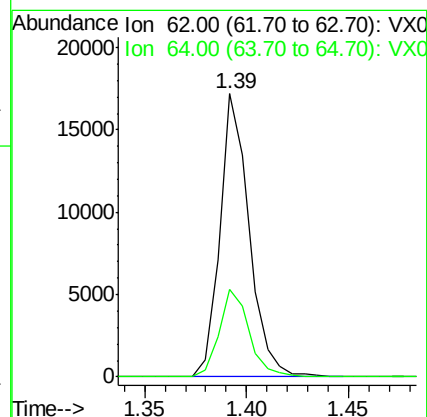
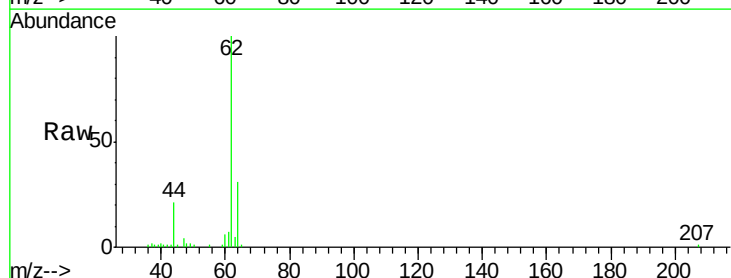
Acq: 19 Nov 2020 16:02

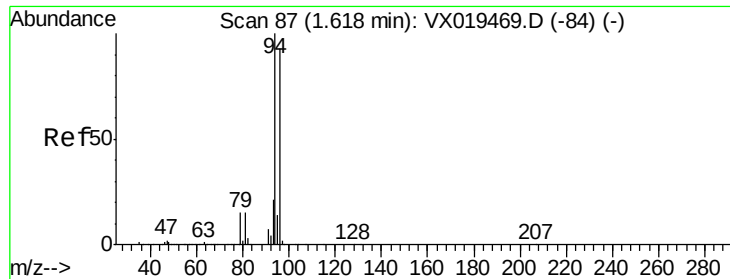
Tgt Ion: 62 Resp: 17165

Ion Ratio Lower Upper

62 100

64 30.9 26.4 39.6





#5

Bromomethane

Concen: 3.518 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

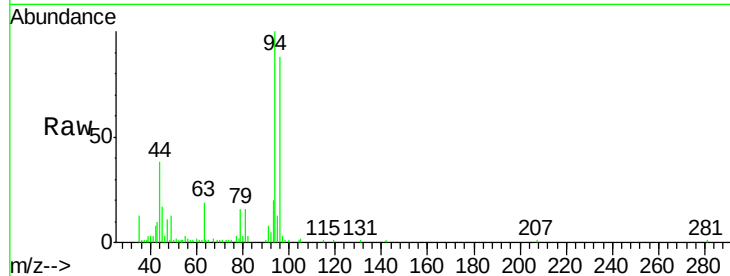
VSTDIC005

Tgt Ion: 94 Resp: 7316

Ion Ratio Lower Upper

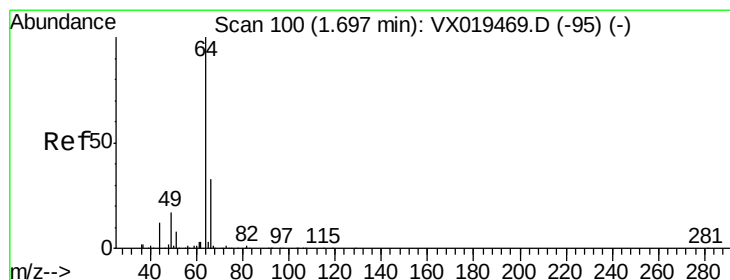
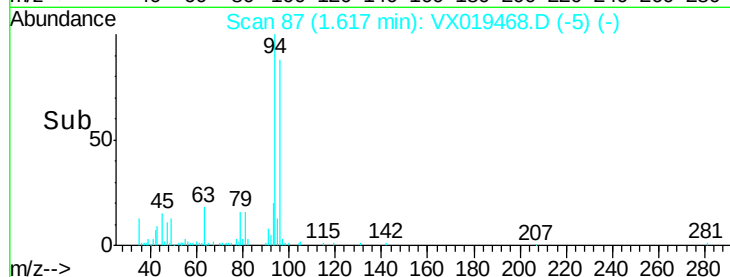
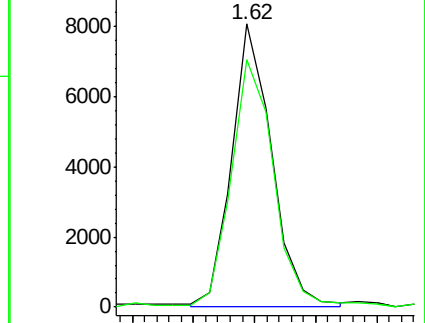
94 100

96 88.0 74.6 111.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 2.697 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX019468.D

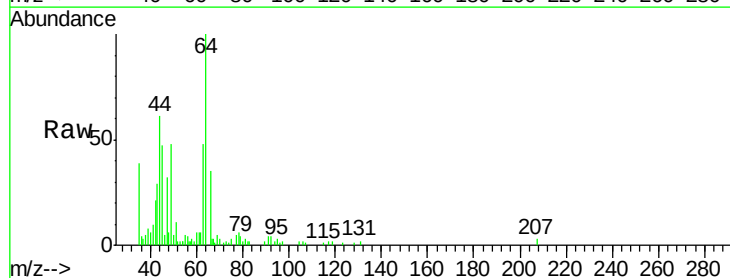
Acq: 19 Nov 2020 16:02

Tgt Ion: 64 Resp: 5245

Ion Ratio Lower Upper

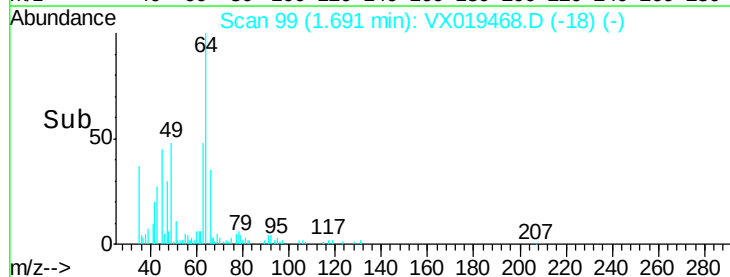
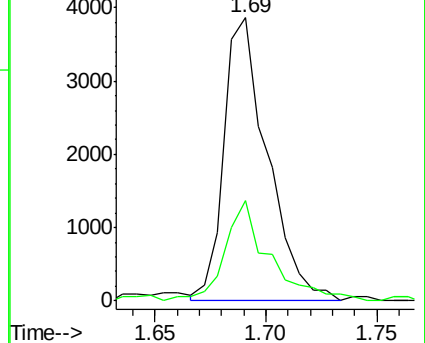
64 100

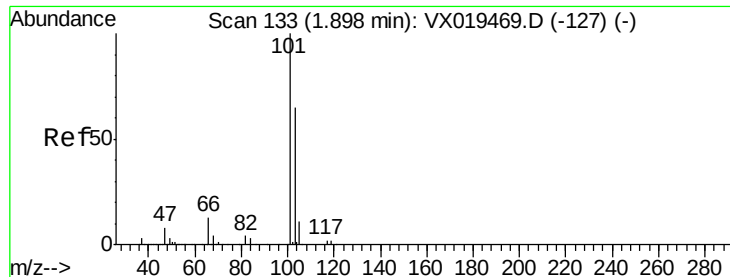
66 33.9 26.6 40.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



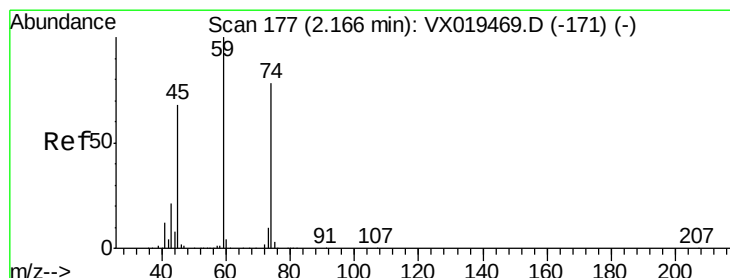
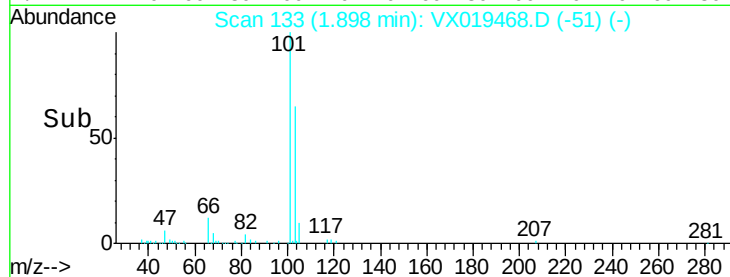
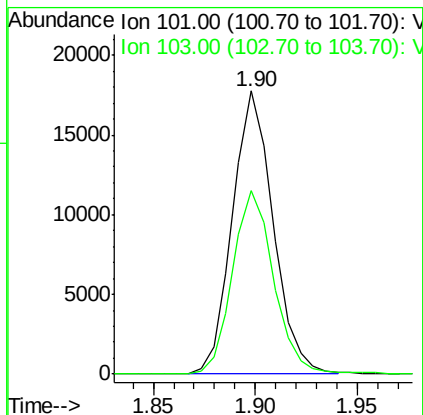
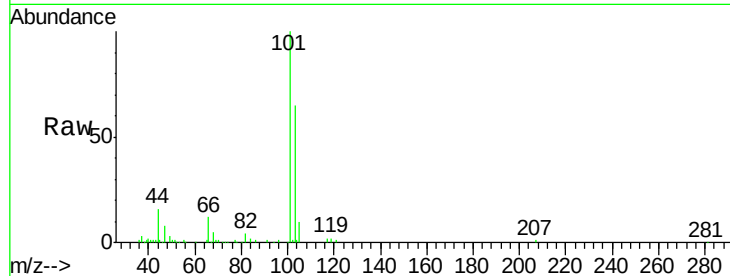


#7

Trichlorofluoromethane
Concen: 4.626 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

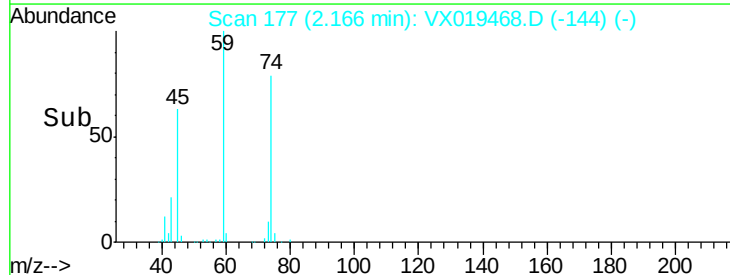
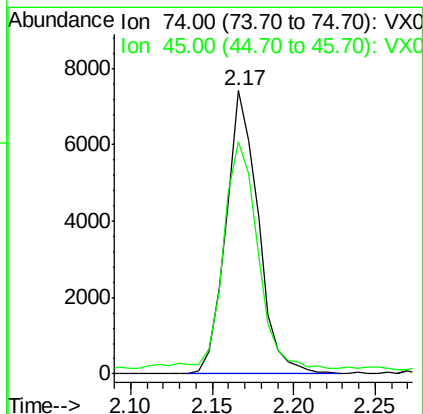
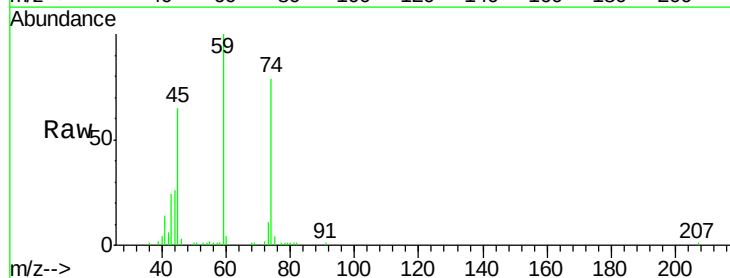
Tgt Ion: 101 Resp: 24634
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.6

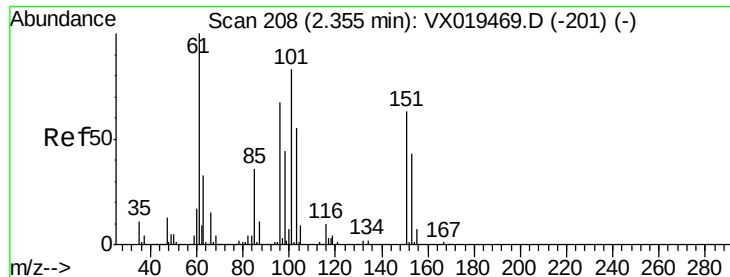


#8

Diethyl Ether
Concen: 5.073 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion: 74 Resp: 10229
Ion Ratio Lower Upper
74 100
45 84.2 17.2 155.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.549 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

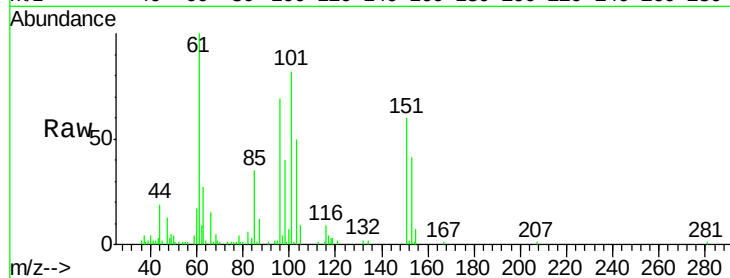
Tgt Ion:101 Resp: 14524

Ion Ratio Lower Upper

101 100

85 43.1 0.0 88.8

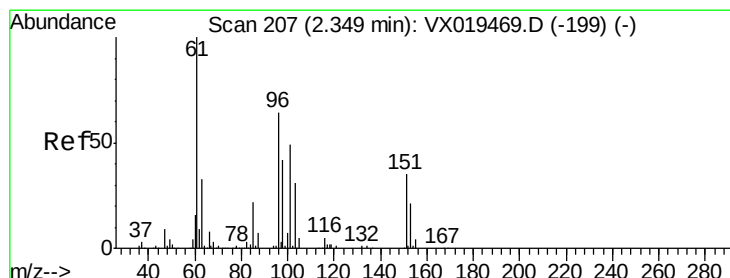
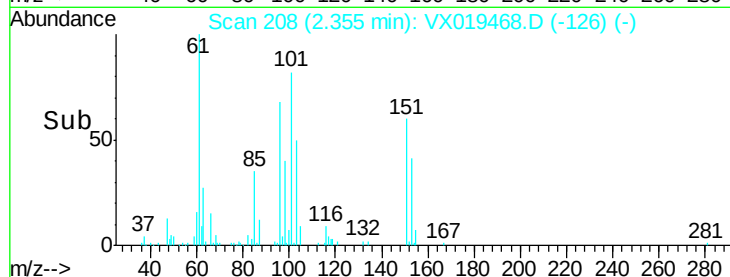
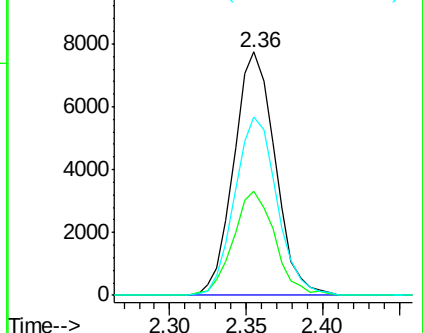
151 74.7 0.0 153.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 5.289 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

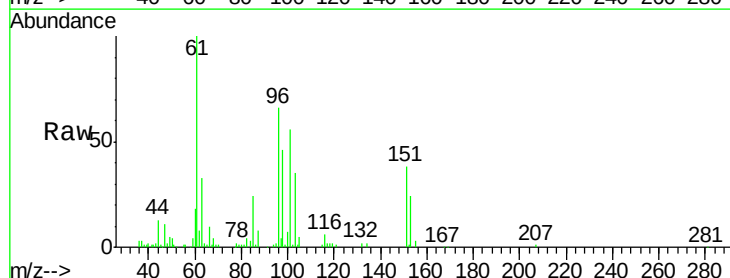
Tgt Ion: 96 Resp: 14061

Ion Ratio Lower Upper

96 100

61 150.7 125.4 188.2

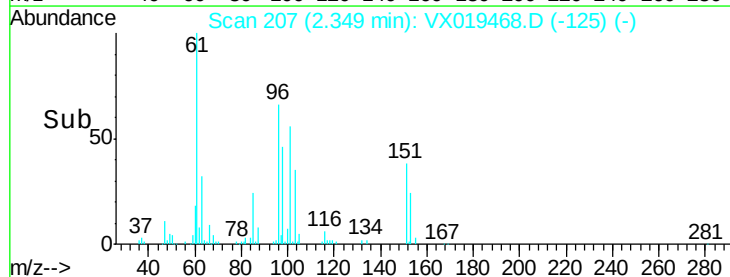
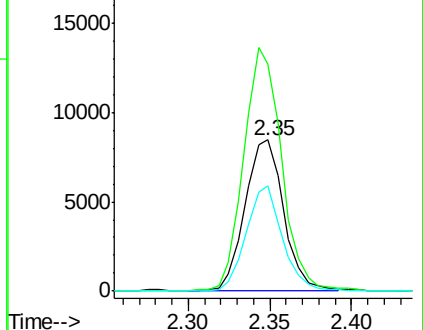
98 70.1 52.4 78.6

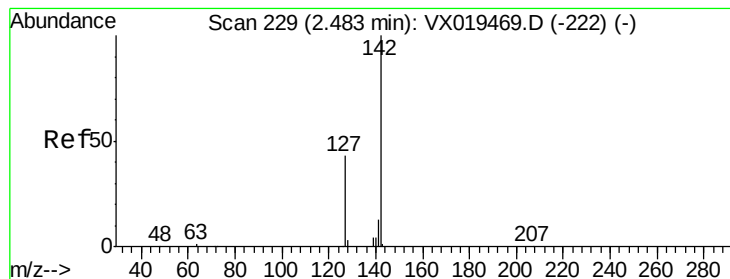


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#11

Methyl Iodide

Concen: 5.451 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

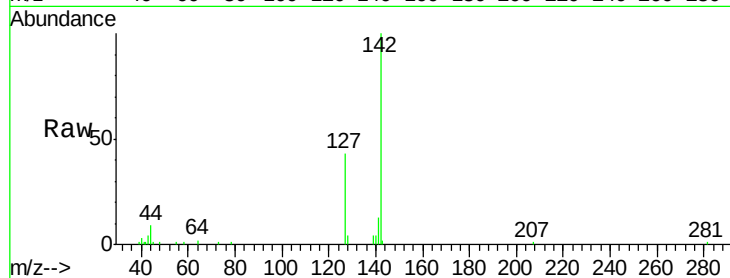
Tgt Ion:142 Resp: 14738

Ion Ratio Lower Upper

142 100

127 43.3 21.3 64.0

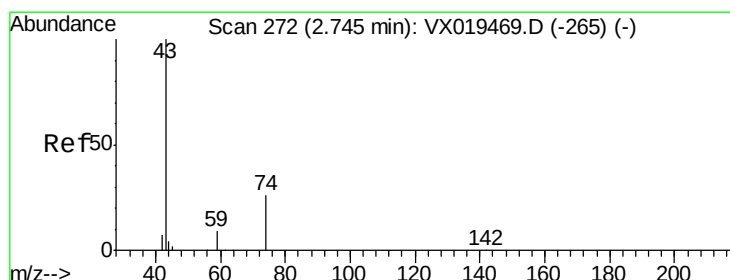
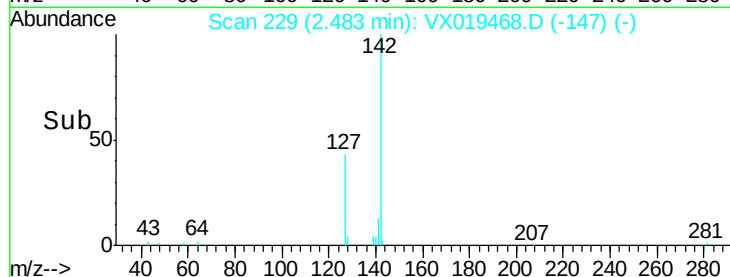
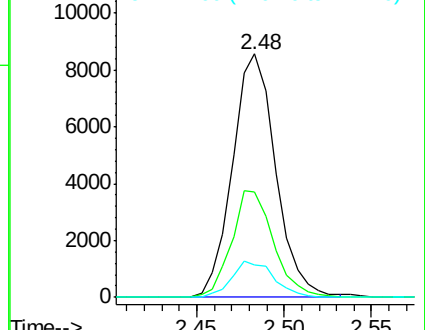
141 13.4 6.7 20.0



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



#12

Methyl Acetate

Concen: 6.143 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX019468.D

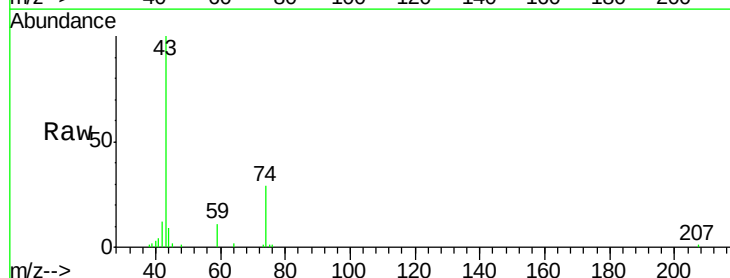
Acq: 19 Nov 2020 16:02

Tgt Ion: 43 Resp: 16816

Ion Ratio Lower Upper

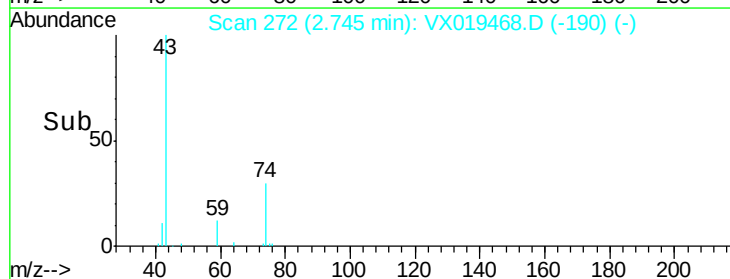
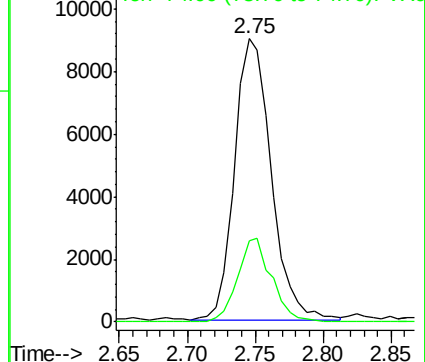
43 100

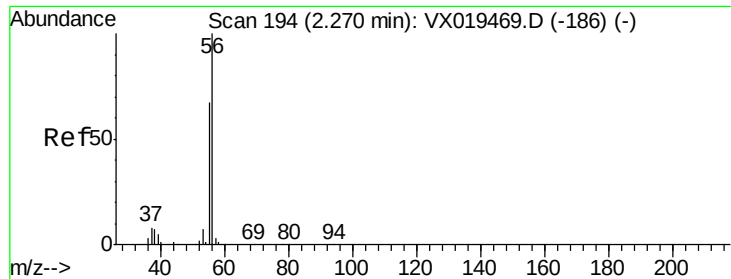
74 28.9 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#13

Acrolein

Concen: 46.365 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.01 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

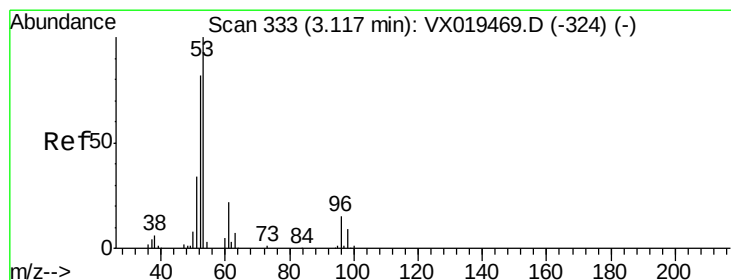
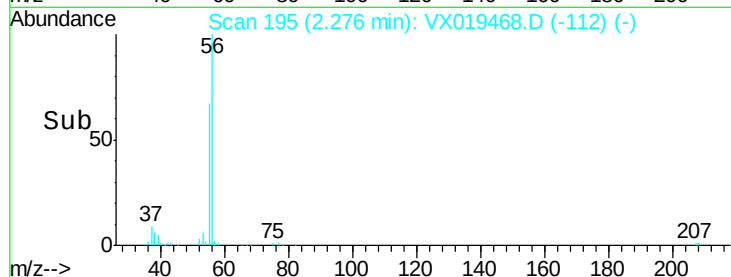
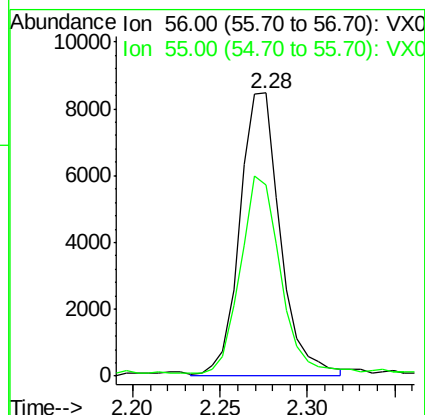
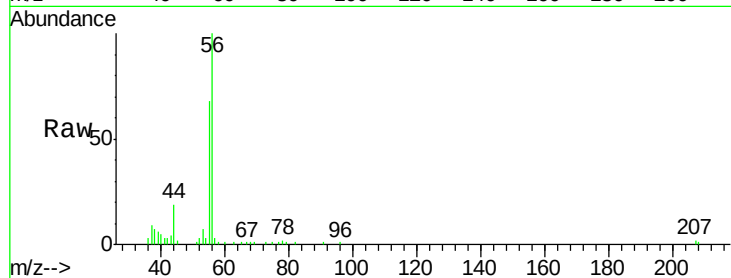
VSTDIC005

Tgt Ion: 56 Resp: 13626

Ion Ratio Lower Upper

56 100

55 71.0 56.5 84.7



#14

Acrylonitrile

Concen: 31.233 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

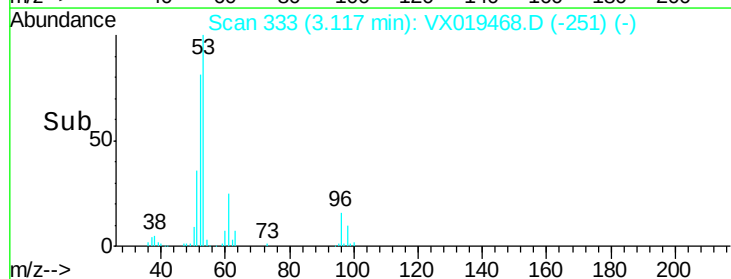
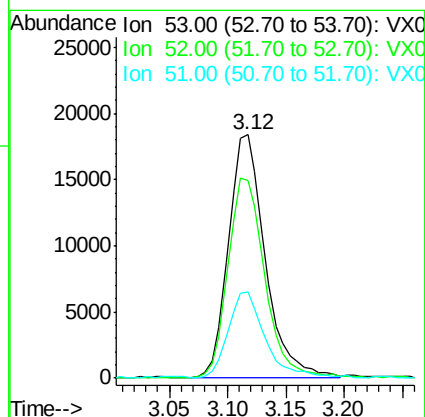
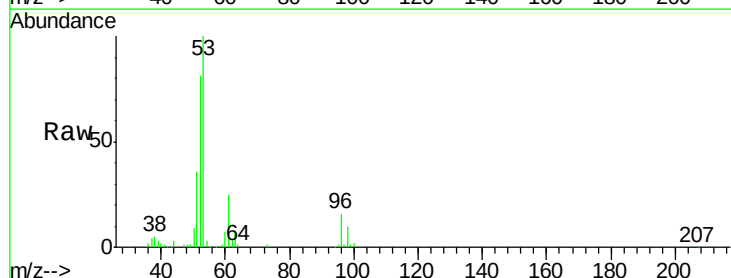
Tgt Ion: 53 Resp: 40610

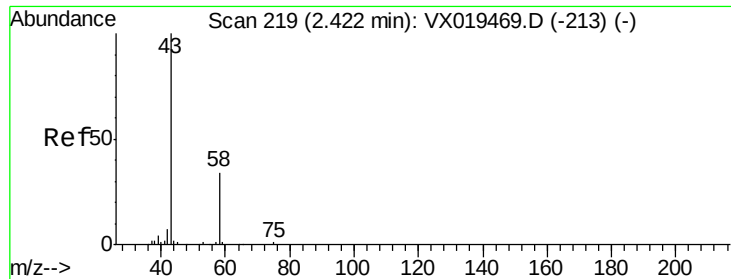
Ion Ratio Lower Upper

53 100

52 82.0 41.3 123.7

51 35.6 17.8 53.3

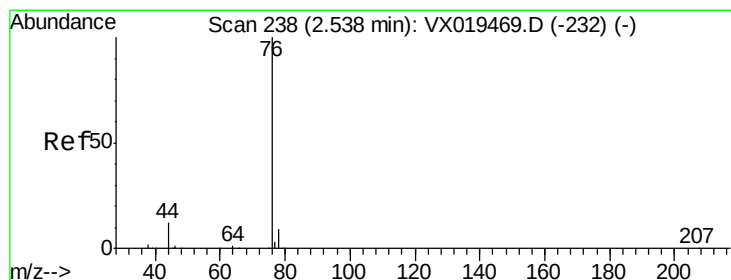
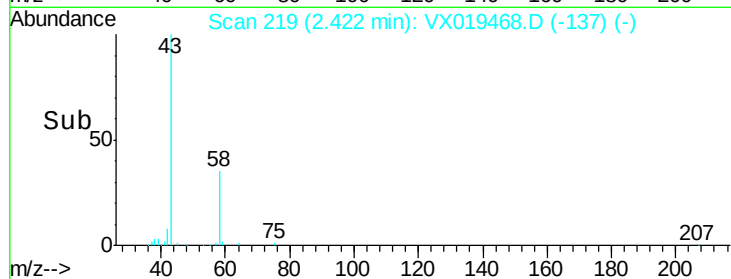
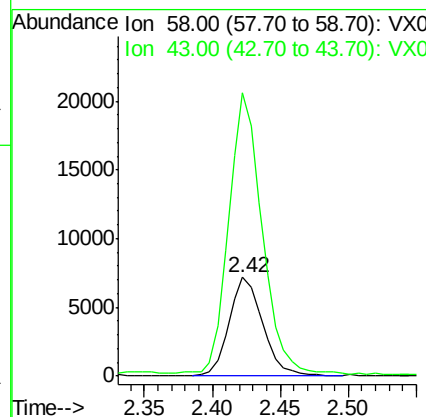
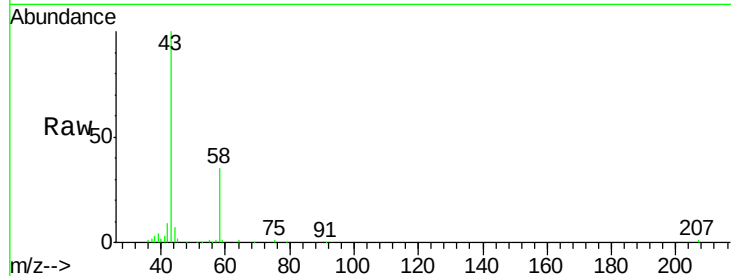




#15
Acetone
Concen: 32.783 ug/l
RT: 2.42 min Scan# 219
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

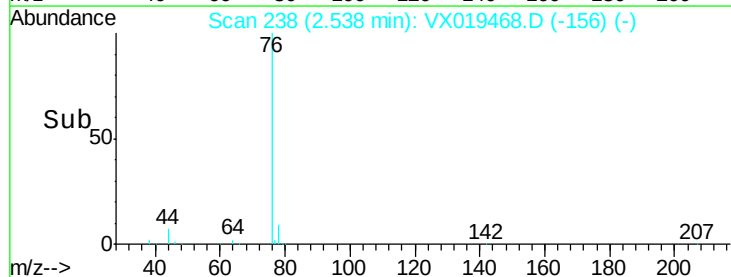
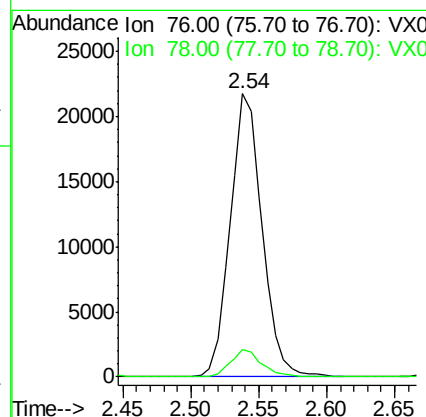
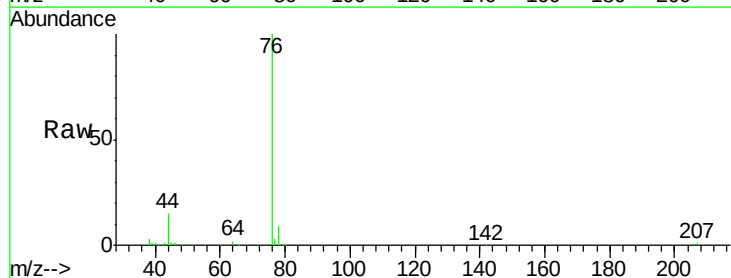
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

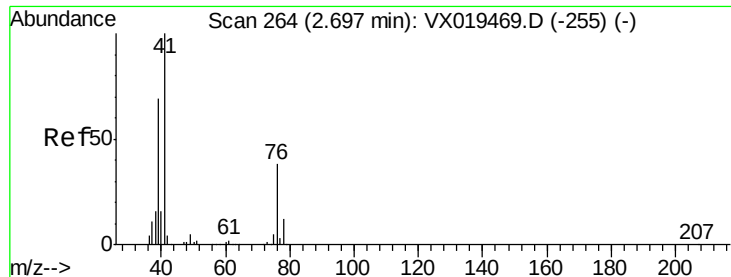
Tgt Ion: 58 Resp: 12392
Ion Ratio Lower Upper
58 100
43 284.5 236.3 354.5



#16
Carbon Disulfide
Concen: 4.878 ug/l
RT: 2.54 min Scan# 238
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion: 76 Resp: 35394
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6





#17

Allyl chloride

Concen: 5.789 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

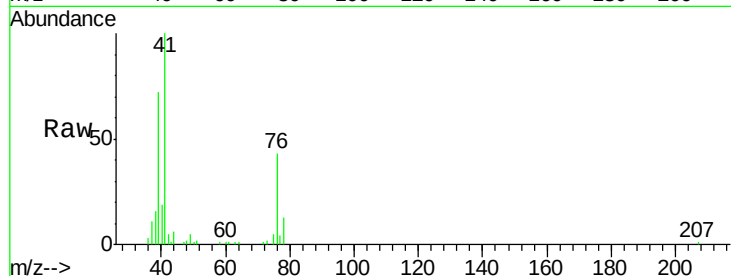
Tgt Ion: 41 Resp: 19909

Ion Ratio Lower Upper

41 100

39 71.7 34.5 103.6

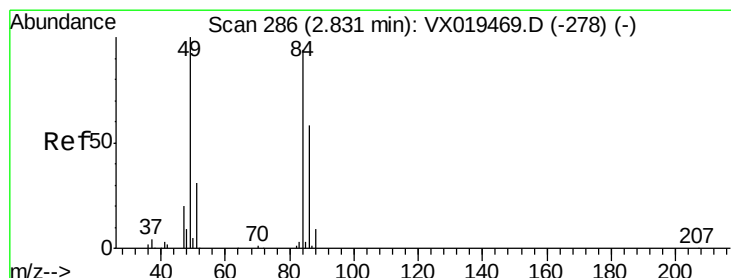
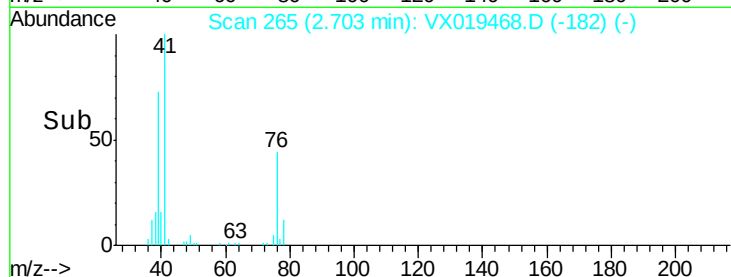
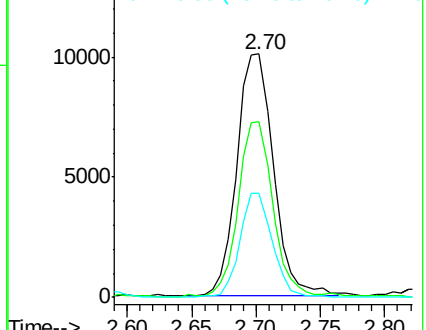
76 43.1 19.3 57.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 76.00 (75.70 to 76.70): VX0



#18

Methylene Chloride

Concen: 5.764 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Tgt Ion: 84 Resp: 17747

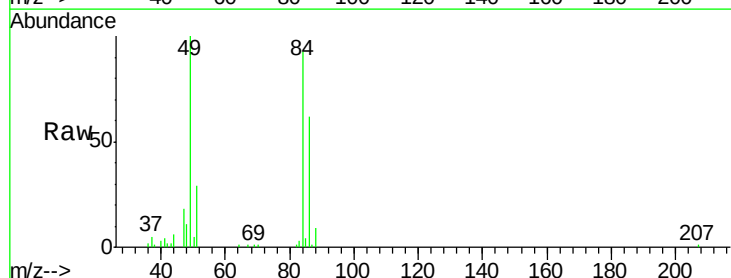
Ion Ratio Lower Upper

84 100

49 107.0 85.4 128.0

51 31.4 26.7 40.1

86 66.1 49.4 74.2

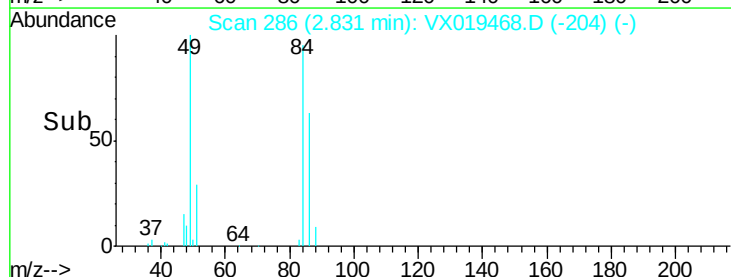
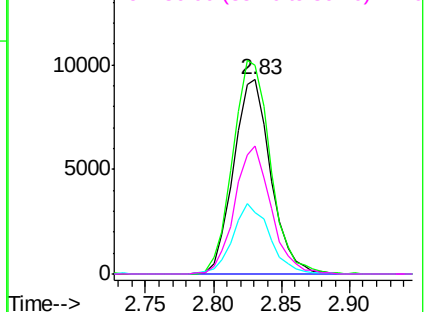


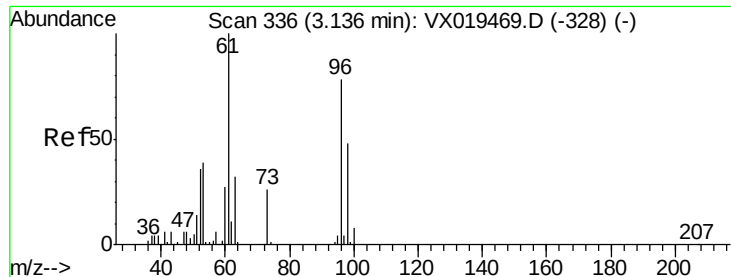
Abundance Ion 84.00 (83.70 to 84.70): VX0

Ion 49.00 (48.70 to 49.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#19

trans-1,2-Dichloroethene

Concen: 4.990 ug/l

RT: 3.13 min Scan# 335

Delta R.T. -0.01 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

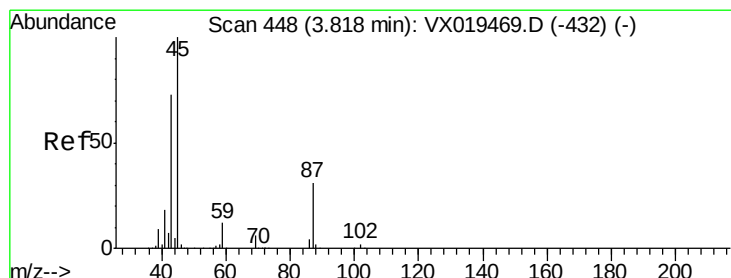
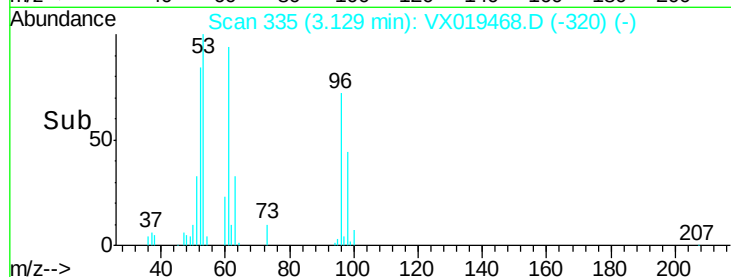
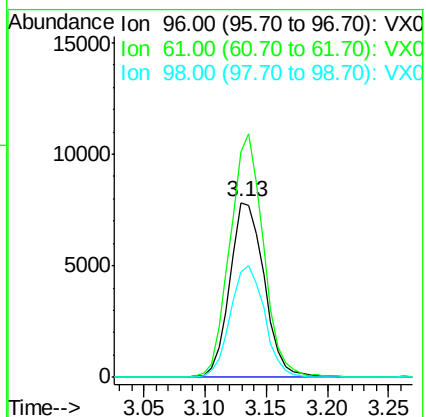
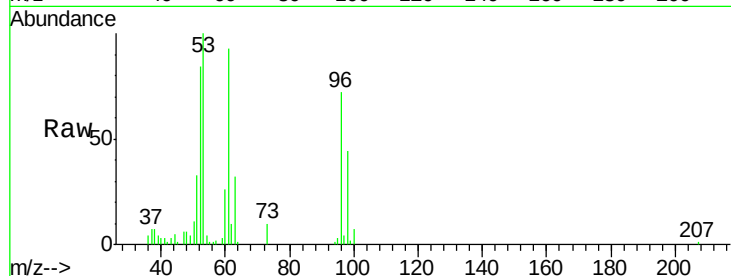
Tgt Ion: 96 Resp: 15291

Ion Ratio Lower Upper

96 100

61 129.4 103.2 154.8

98 60.7 49.2 73.8



#20

Diisopropyl ether

Concen: 6.158 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.01 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Tgt Ion: 45 Resp: 43649

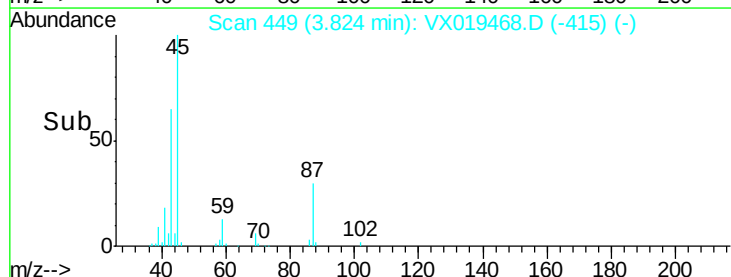
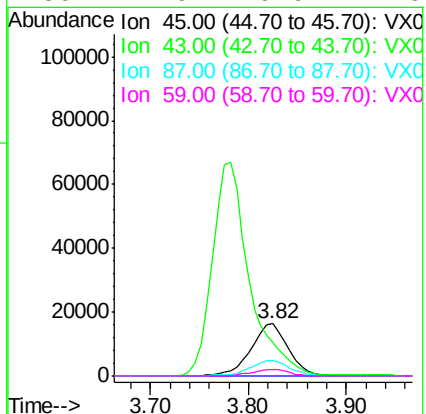
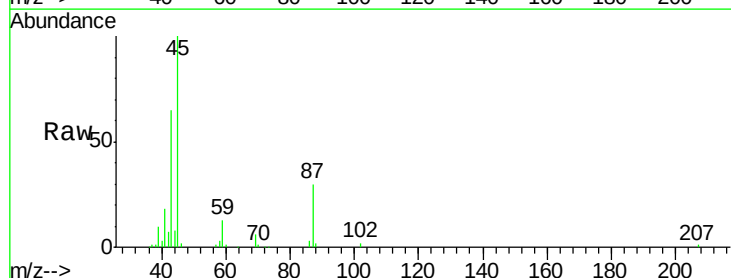
Ion Ratio Lower Upper

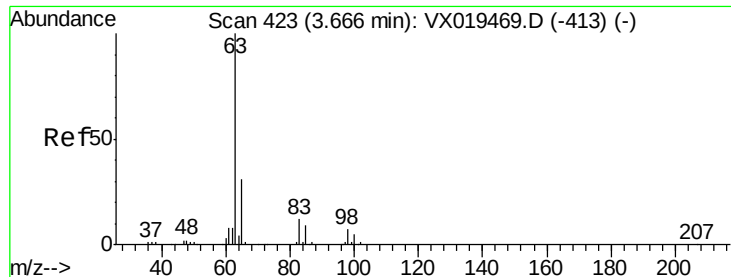
45 100

43 63.5 58.7 88.1

87 30.4 24.5 36.7

59 12.9 9.9 14.9





#21

1,1-Dichloroethane

Concen: 5.519 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

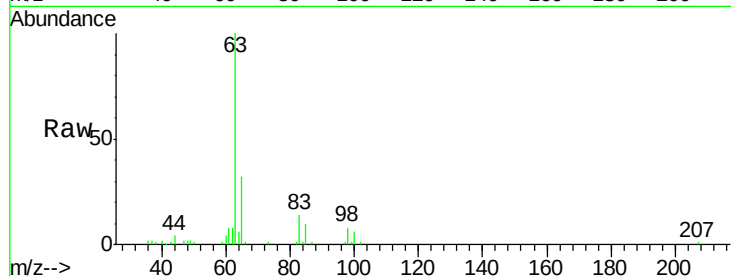
Tgt Ion: 63 Resp: 27509

Ion Ratio Lower Upper

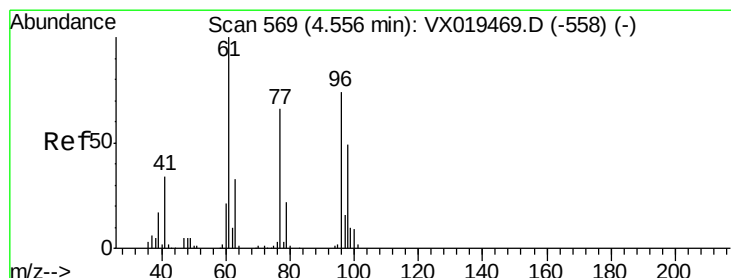
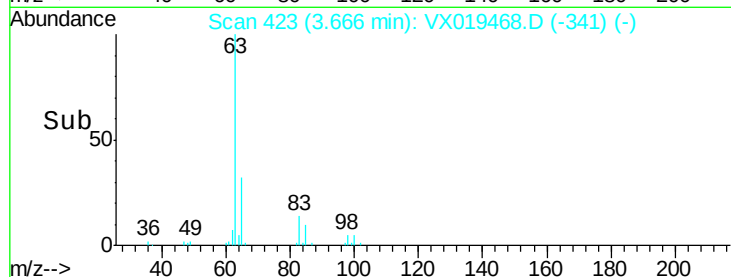
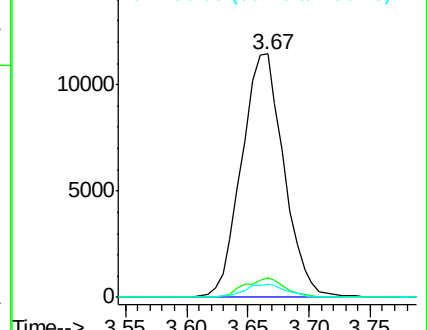
63 100

98 7.8 3.8 11.2

100 5.7 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 5.024 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

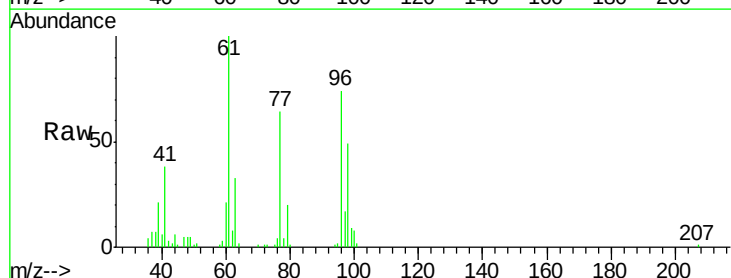
Tgt Ion: 96 Resp: 17841

Ion Ratio Lower Upper

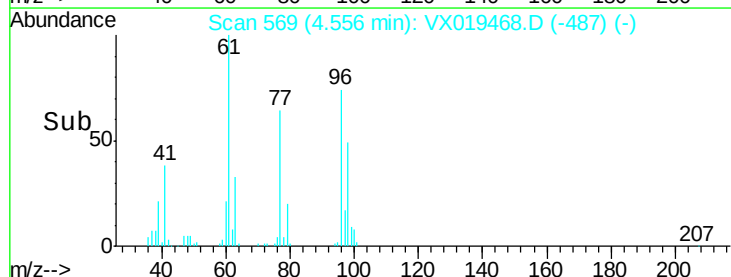
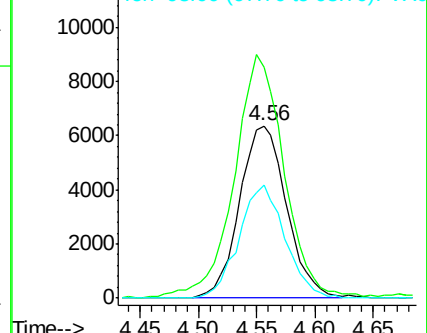
96 100

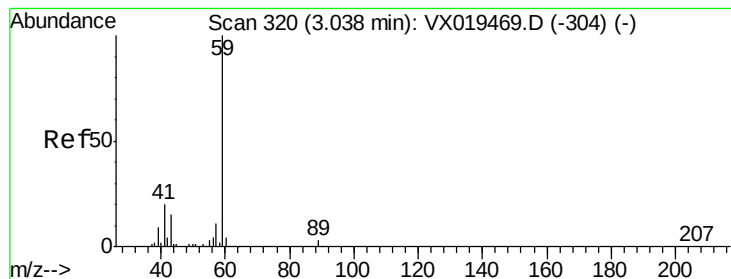
61 149.3 114.2 171.2

98 64.3 51.7 77.5



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





#23

tert-Butyl Alcohol

Concen: 27.048 ug/l

RT: 3.04 min Scan# 321

Delta R.T. 0.01 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

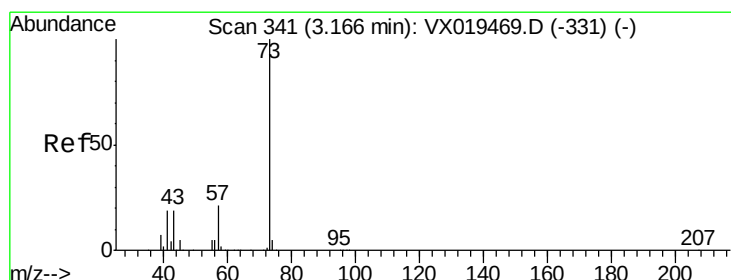
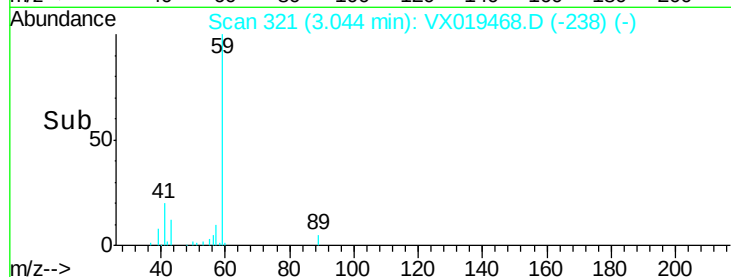
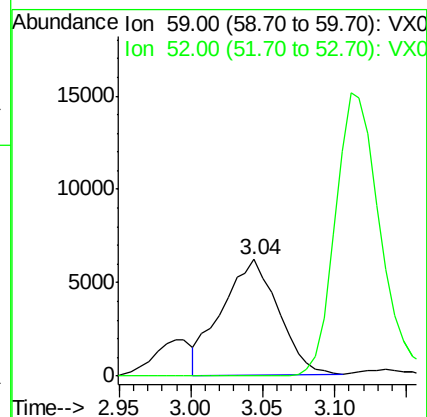
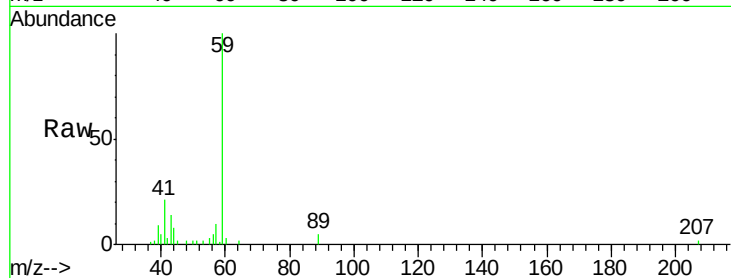
VSTDIC005

Tgt Ion: 59 Resp: 16952

Ion Ratio Lower Upper

59 100

52 0.0 0.2 0.2#



#24

Methyl tert-Butyl Ether

Concen: 5.376 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX019468.D

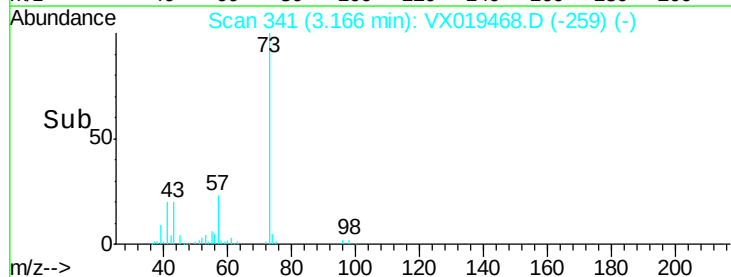
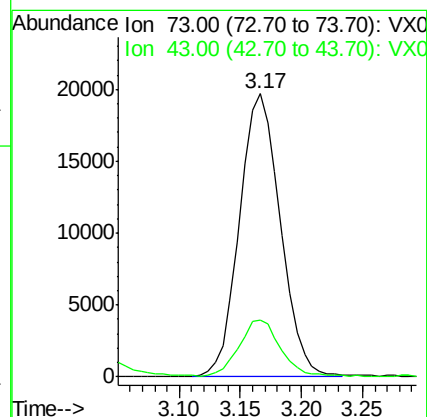
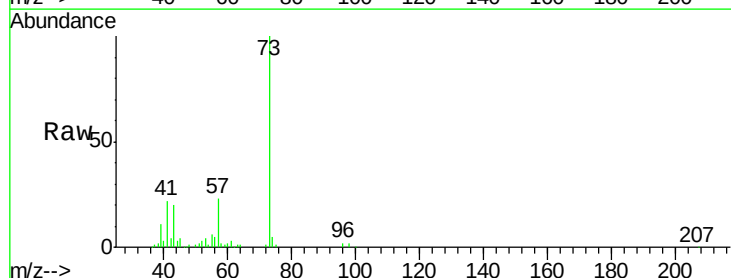
Acq: 19 Nov 2020 16:02

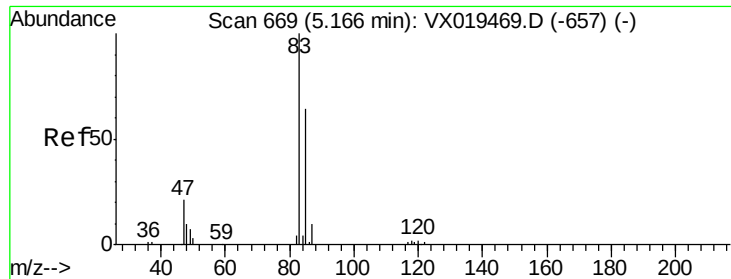
Tgt Ion: 73 Resp: 45816

Ion Ratio Lower Upper

73 100

43 19.9 15.0 22.6

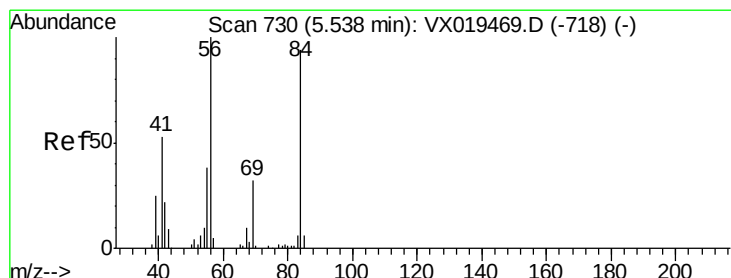
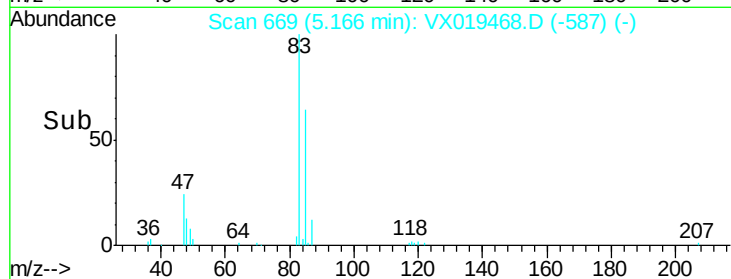
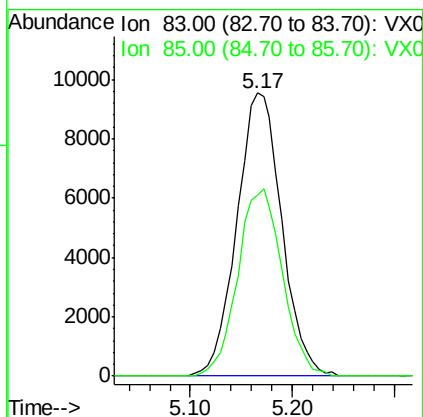
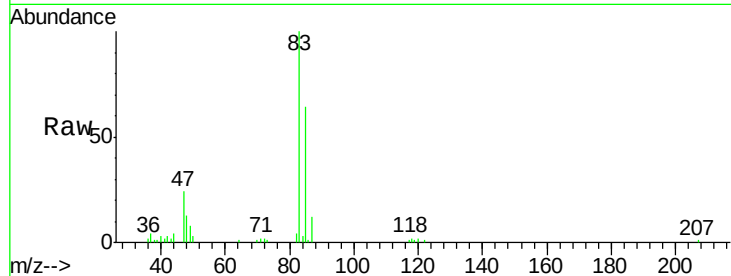




#25
Chloroform
Concen: 5.333 ug/l
RT: 5.17 min Scan# 669
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

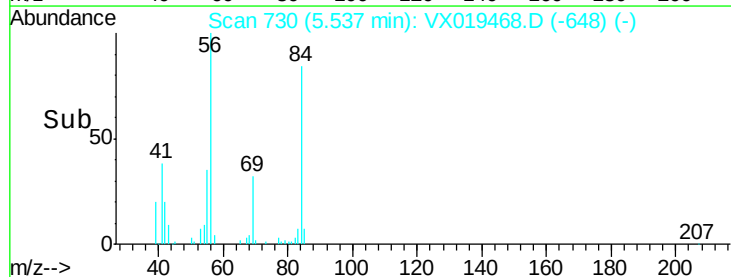
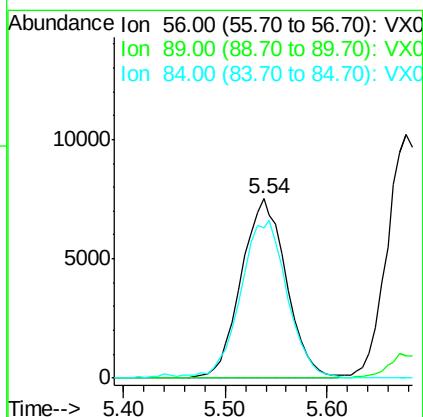
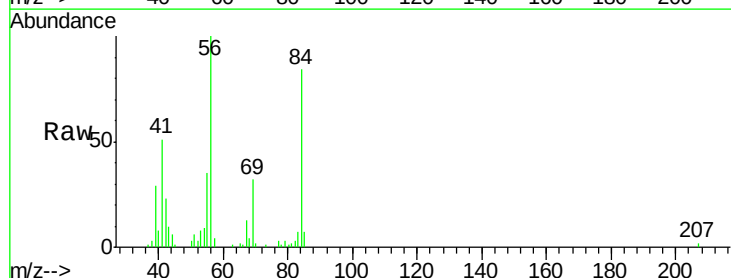
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

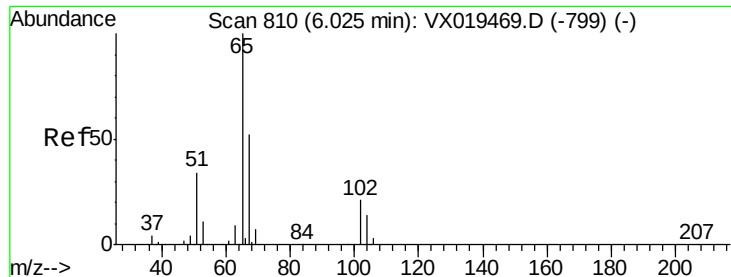
Tgt Ion: 83 Resp: 29187
Ion Ratio Lower Upper
83 100
85 63.9 51.4 77.0



#26
Cyclohexane
Concen: 5.827 ug/l
RT: 5.54 min Scan# 730
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion: 56 Resp: 23018
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 90.6 75.2 112.8

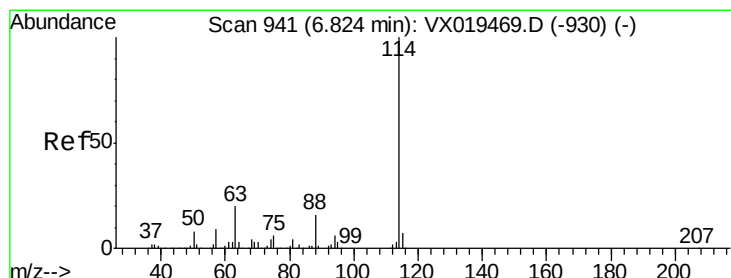
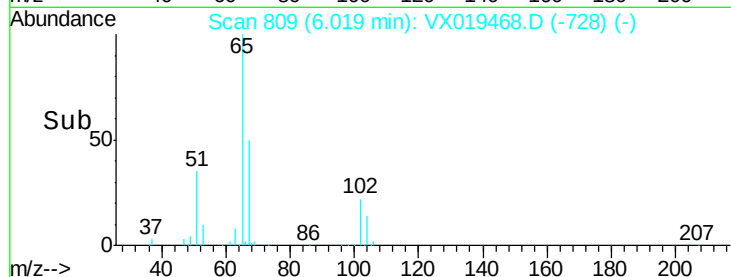
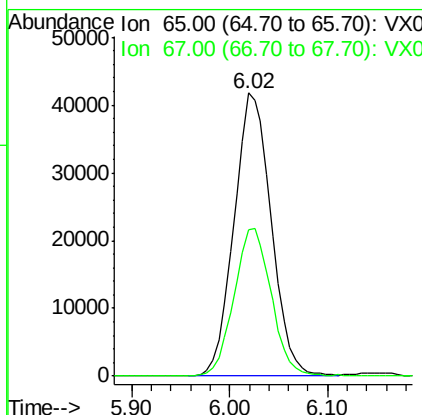
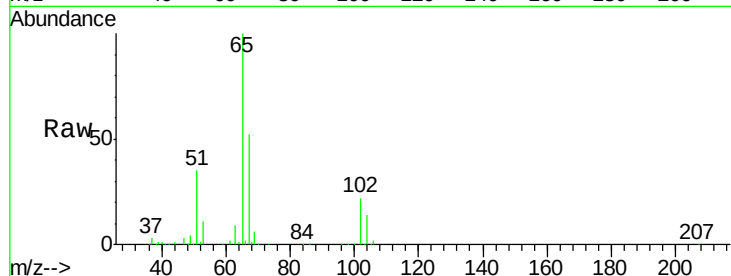




#27
 1,2-Dichloroethane-d4
 Concen: 32.339 ug/l
 RT: 6.02 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

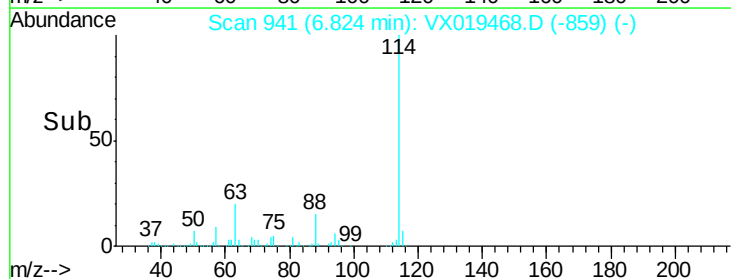
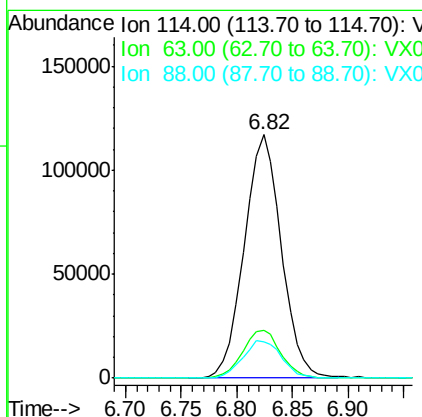
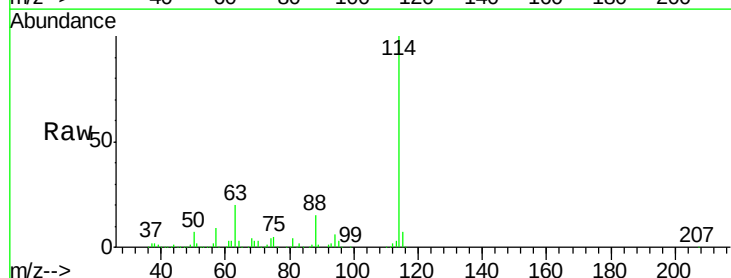
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

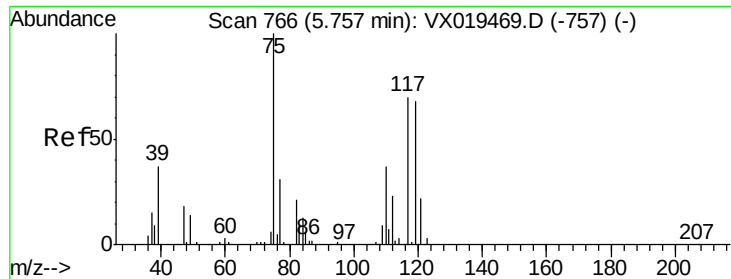
Tgt Ion: 65 Resp: 110397
 Ion Ratio Lower Upper
 65 100
 67 52.1 42.2 63.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion: 114 Resp: 271148
 Ion Ratio Lower Upper
 114 100
 63 20.2 16.2 24.2
 88 16.0 12.9 19.3

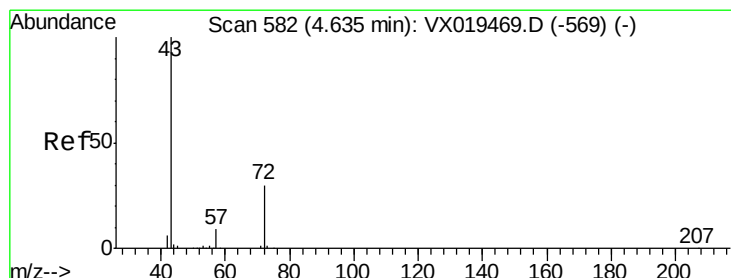
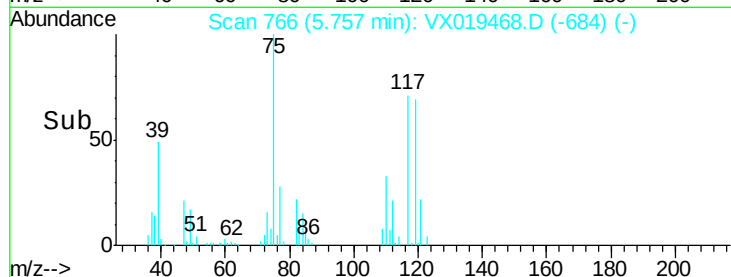
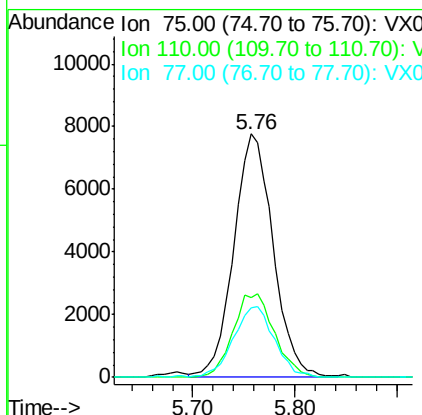
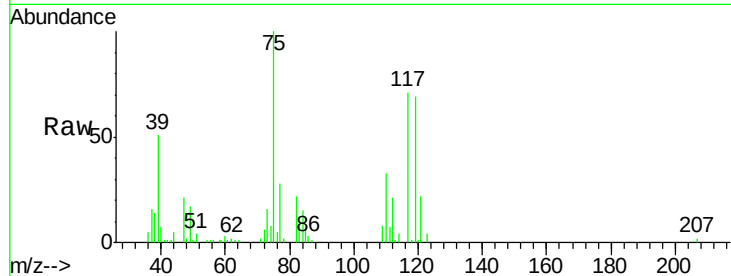




#29
 1,1-Dichloropropene
 Concen: 5.253 ug/l
 RT: 5.76 min Scan# 766
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

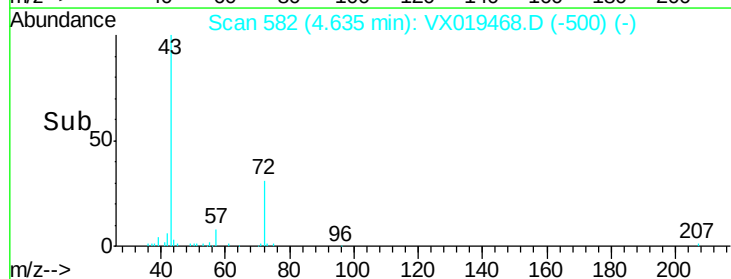
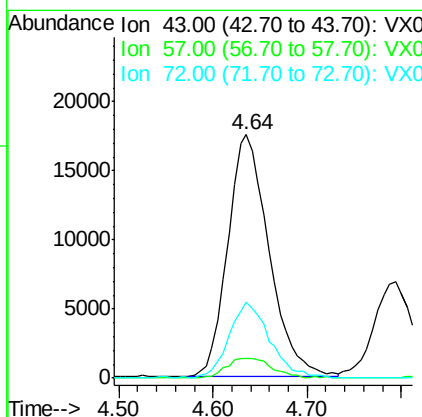
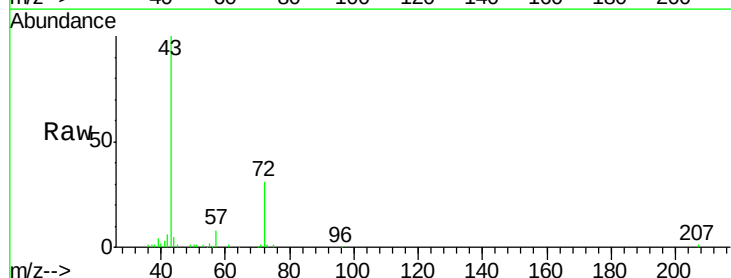
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

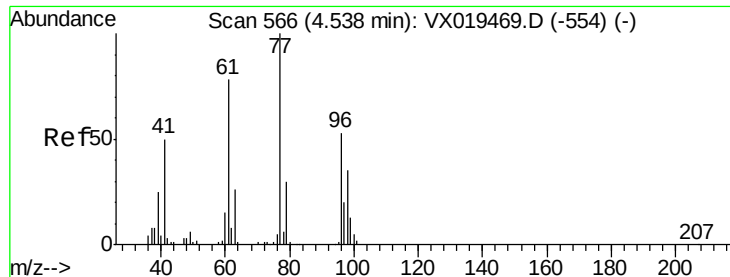
Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.8	0.0	74.0
77	30.2	0.0	63.6



#30
 2-Butanone
 Concen: 31.630 ug/l
 RT: 4.64 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
43	100		
57	0.0	7.4	11.0#
72	30.6	24.2	36.2





#31

2,2-Dichloropropane

Concen: 5.067 ug/l

RT: 4.54 min Scan# 567

Delta R.T. 0.01 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

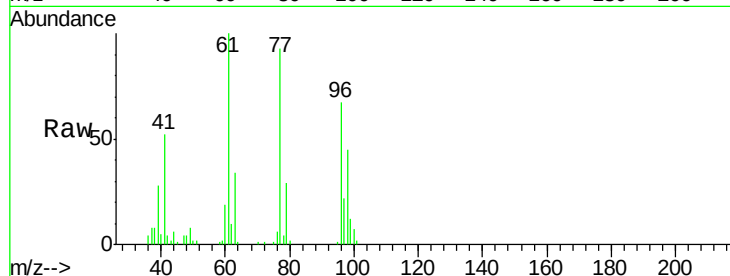
VSTDIC005

Tgt Ion: 77 Resp: 23026

Ion Ratio Lower Upper

77 100

97 23.3 18.6 27.8



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0

8000

6000

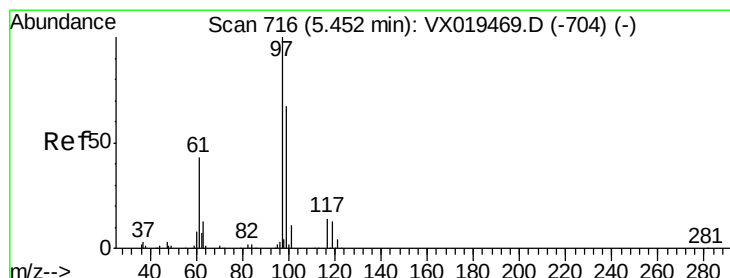
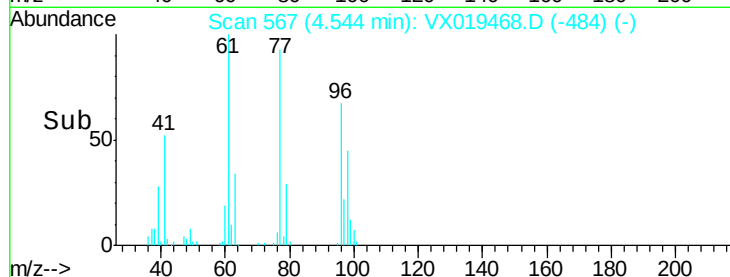
4000

2000

0

4.50 4.54 4.60

Time-->



#32

1,1,1-Trichloroethane

Concen: 5.191 ug/l

RT: 5.46 min Scan# 717

Delta R.T. 0.01 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

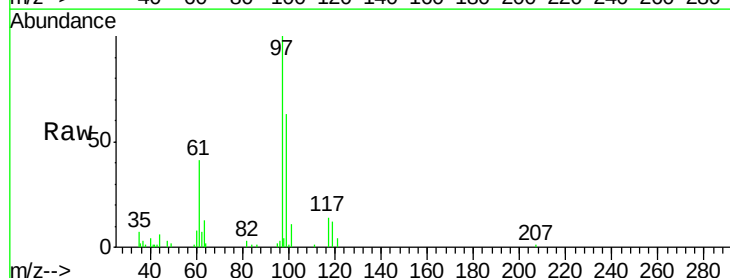
Tgt Ion: 97 Resp: 24733

Ion Ratio Lower Upper

97 100

99 61.8 52.3 78.5

61 43.6 34.9 52.3



Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

10000

8000

6000

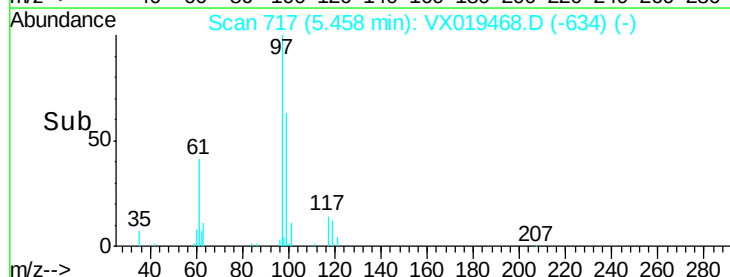
4000

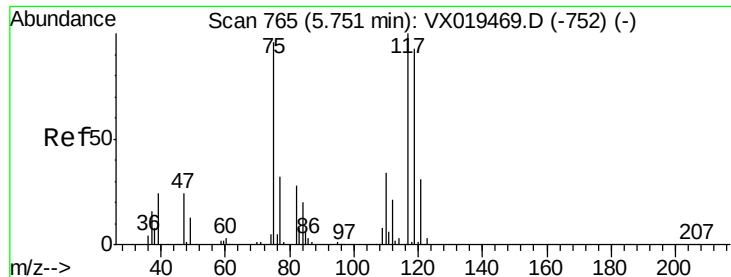
2000

0

5.40 5.46 5.50

Time-->





#33

Carbon Tetrachloride

Concen: 4.844 ug/l

RT: 5.74 min Scan# 764

Delta R.T. -0.01 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

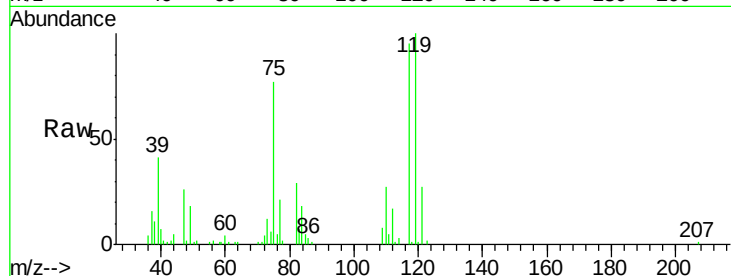
Tgt Ion:117 Resp: 19975

Ion Ratio Lower Upper

117 100

119 105.0 74.2 111.4

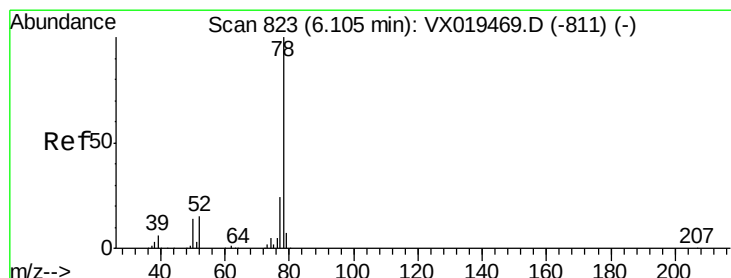
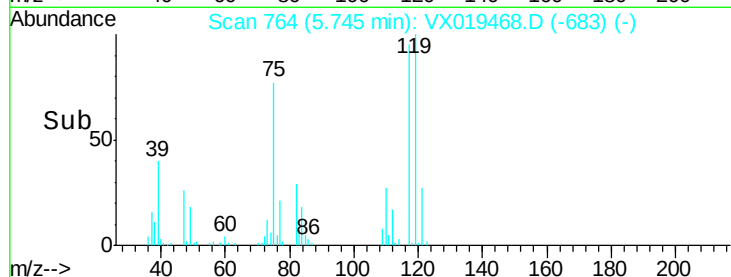
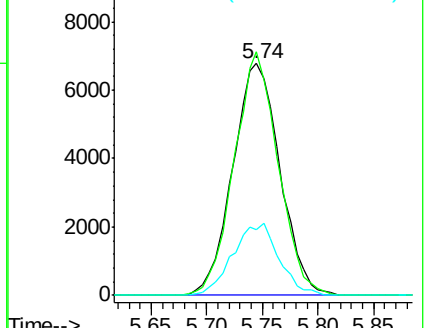
121 28.2 25.0 37.4



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 5.546 ug/l

RT: 6.10 min Scan# 823

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

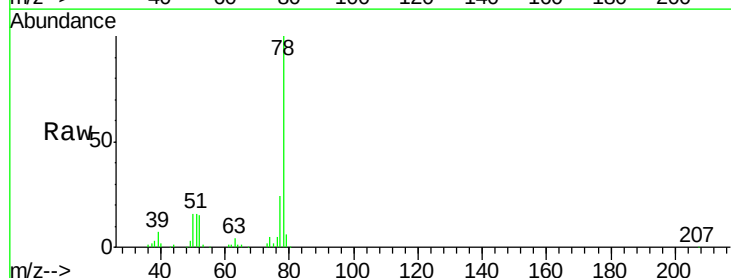
Tgt Ion: 78 Resp: 65929

Ion Ratio Lower Upper

78 100

77 24.2 19.0 28.6

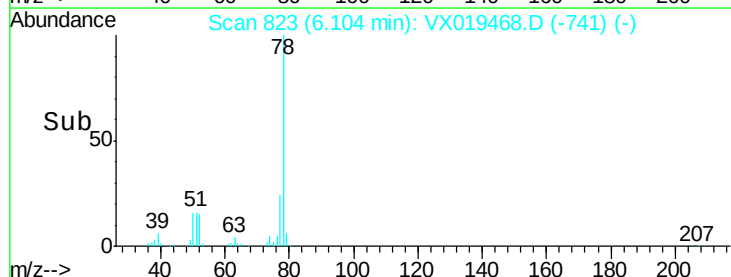
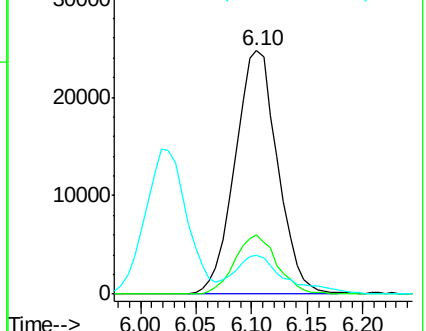
51 14.1 12.7 19.1

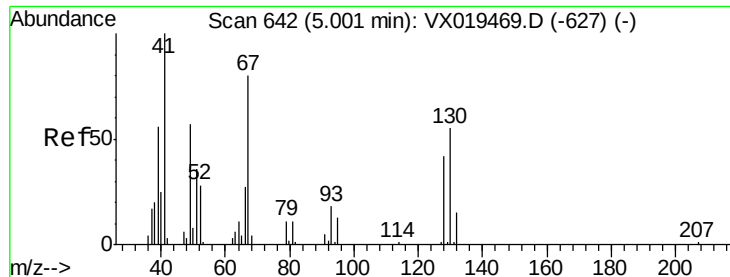


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

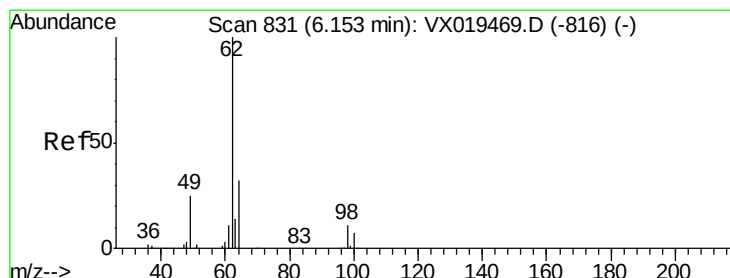
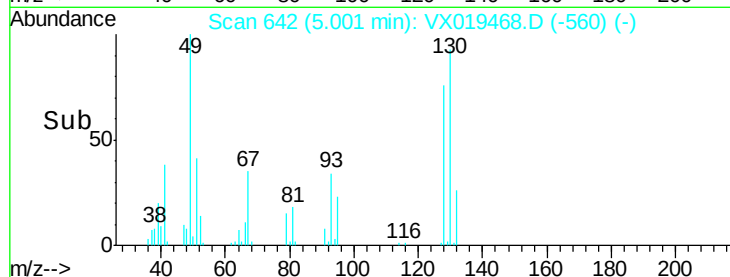
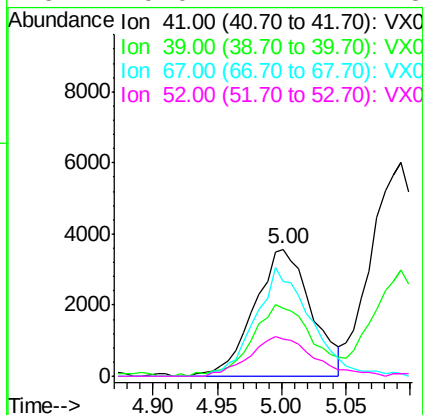
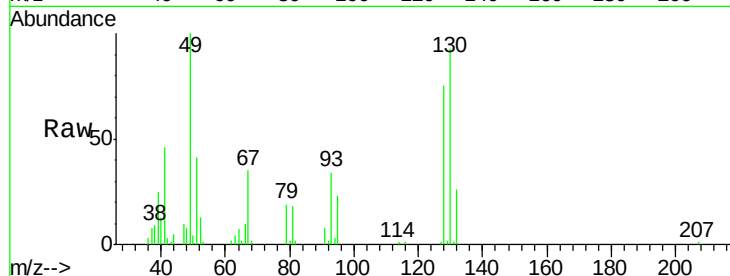




#35
Methacrylonitrile
Concen: 6.186 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

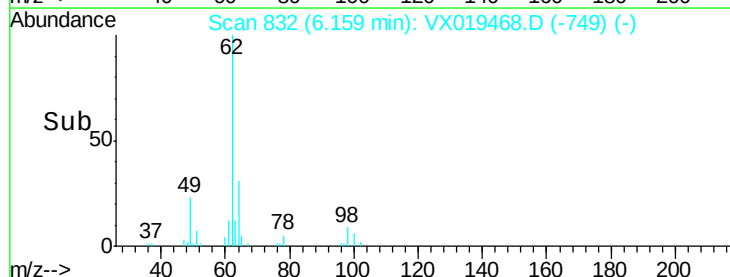
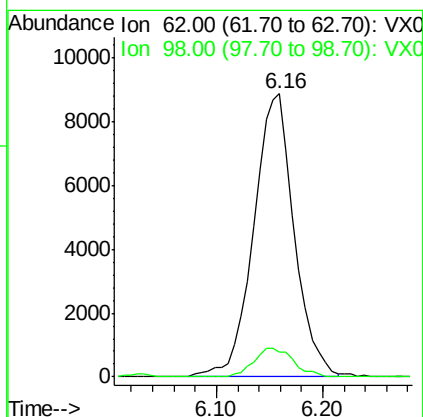
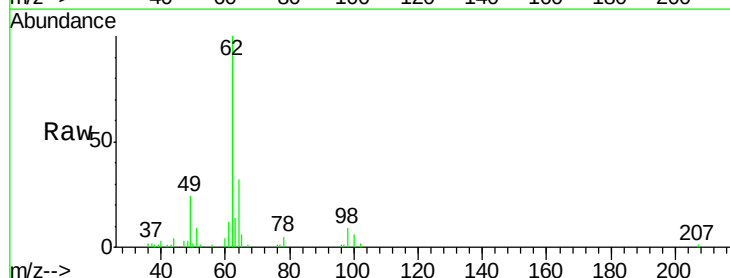
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

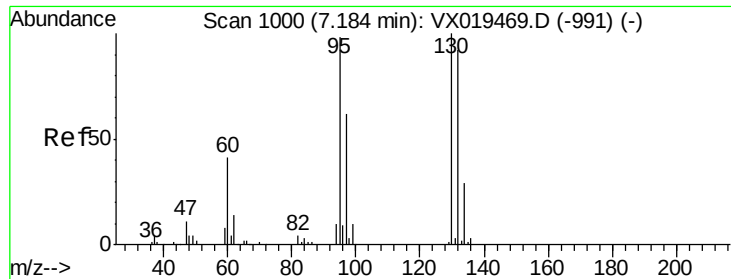
Tgt Ion:	41	Resp:	11003
Ion	Ratio	Lower	Upper
41	100		
39	53.9	28.0	84.0
67	74.8	40.0	119.9
52	29.0	14.2	42.8



#36
1,2-Dichloroethane
Concen: 5.772 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion:	62	Resp:	23612
Ion	Ratio	Lower	Upper
62	100		
98	10.0	8.1	12.1

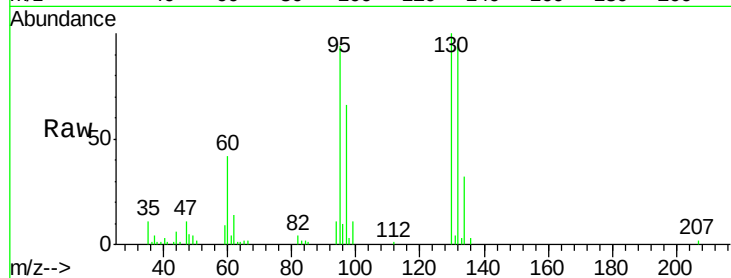




#37
 Trichloroethene
 Concen: 5.230 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

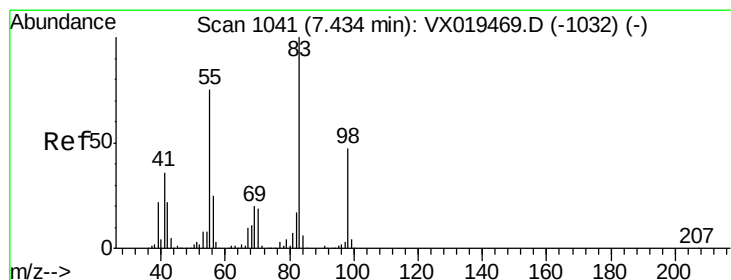
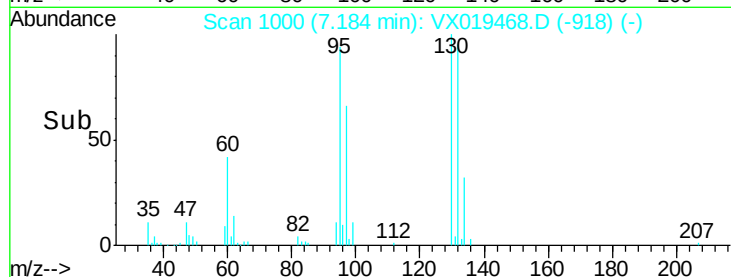
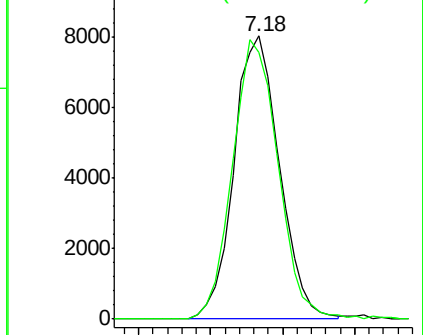
Tgt Ion:130 Resp: 17604
 Ion Ratio Lower Upper
 130 100
 95 94.4 78.8 118.2



Abundance Ion 129.90 (129.60 to 130.60): V

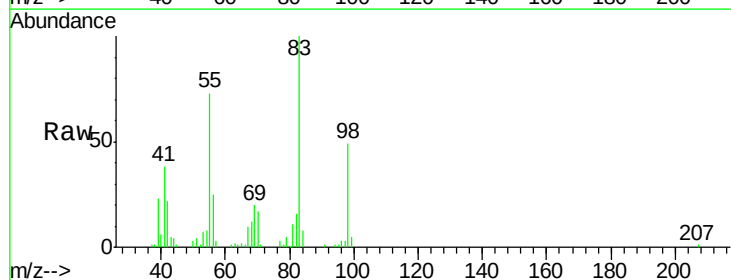
Ion 94.90 (94.60 to 95.60): VX0

7.18



#38
 Methylcyclohexane
 Concen: 5.392 ug/l
 RT: 7.43 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion: 83 Resp: 24419
 Ion Ratio Lower Upper
 83 100
 55 75.3 37.7 113.1
 98 47.8 24.7 74.1

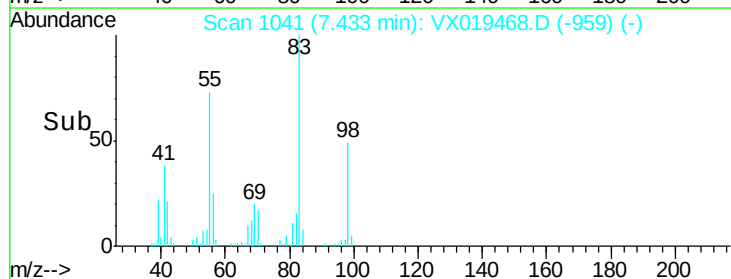
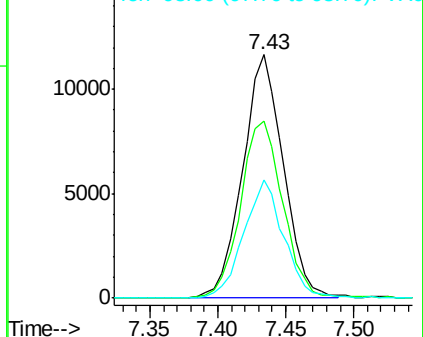


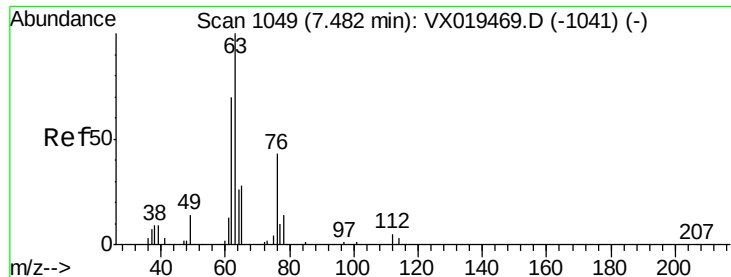
Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.43





#39

1,2-Dichloropropane

Concen: 5.611 ug/l

RT: 7.48 min Scan# 1049

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

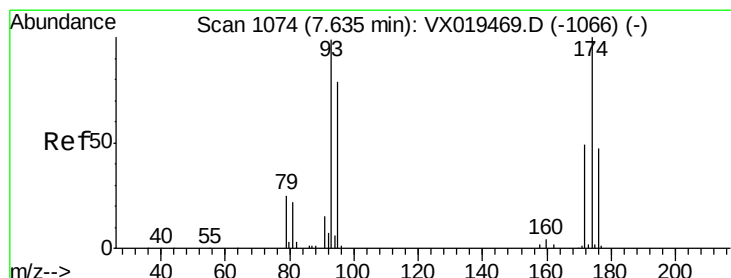
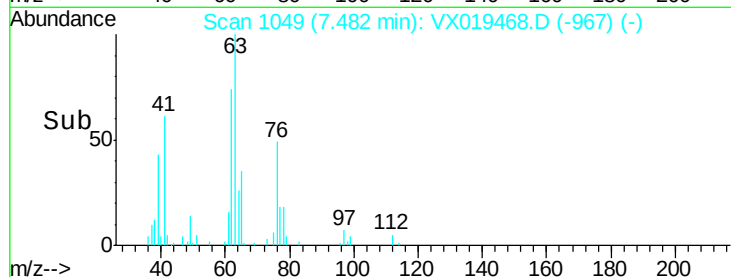
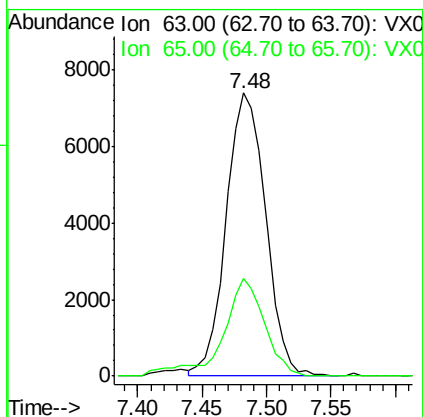
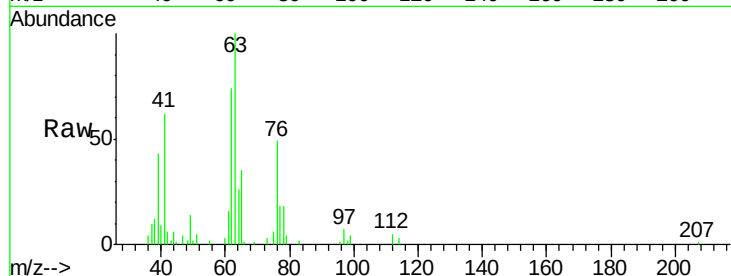
VSTDIC005

Tgt Ion: 63 Resp: 15790

Ion Ratio Lower Upper

63 100

65 34.7 24.8 37.2



#40

Dibromomethane

Concen: 5.147 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

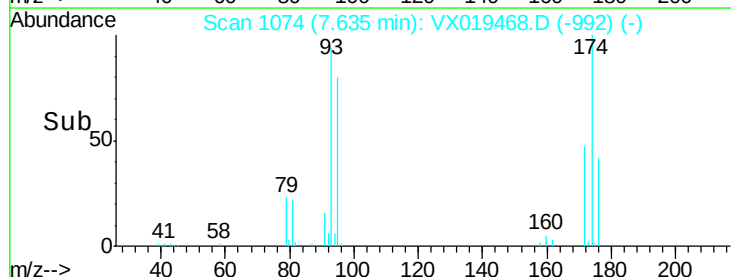
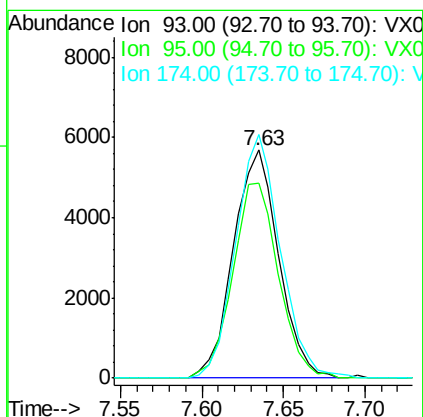
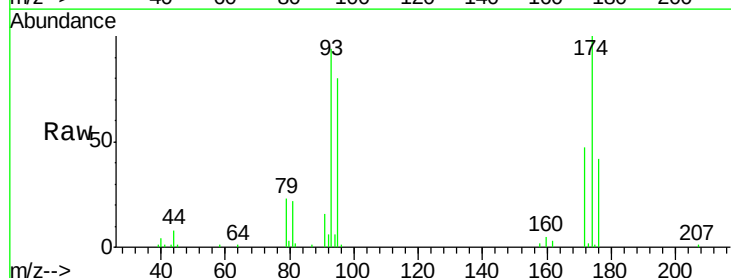
Tgt Ion: 93 Resp: 10992

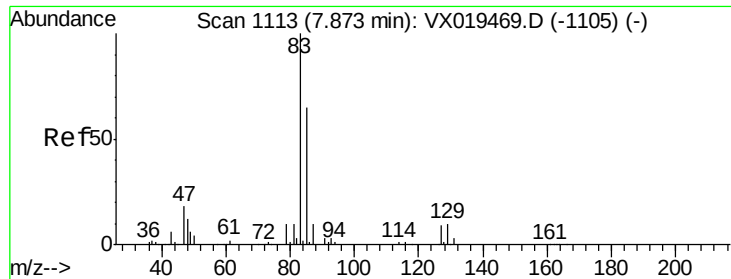
Ion Ratio Lower Upper

93 100

95 86.3 0.0 162.4

174 105.7 0.0 198.8

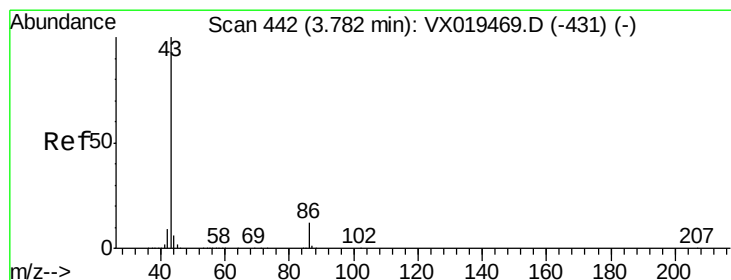
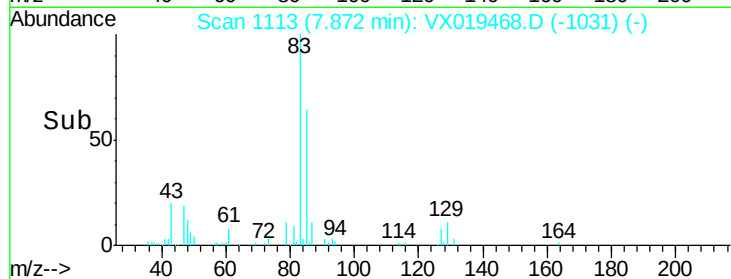
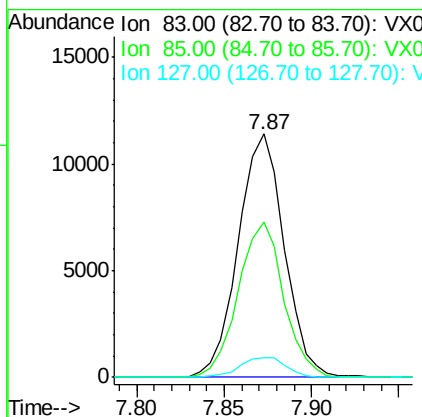
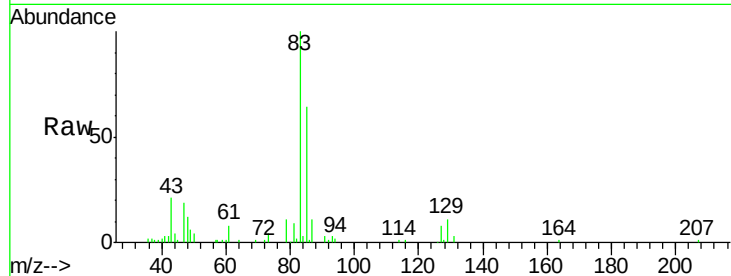




#41
 Bromodichloromethane
 Concen: 4.977 ug/l
 RT: 7.87 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

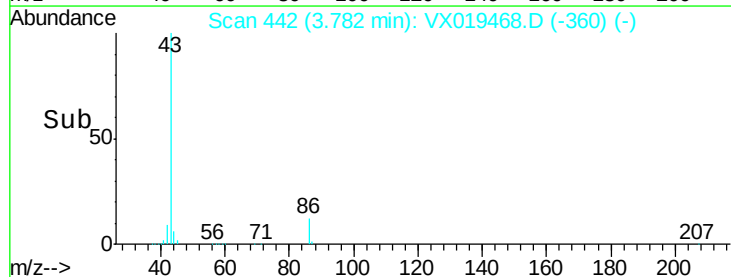
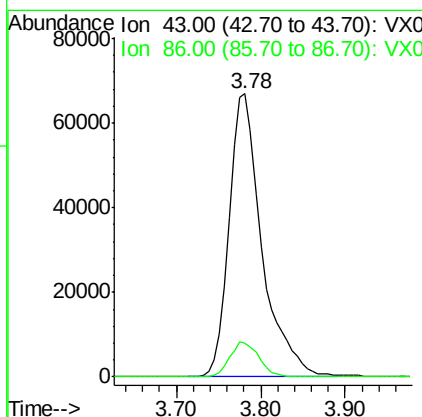
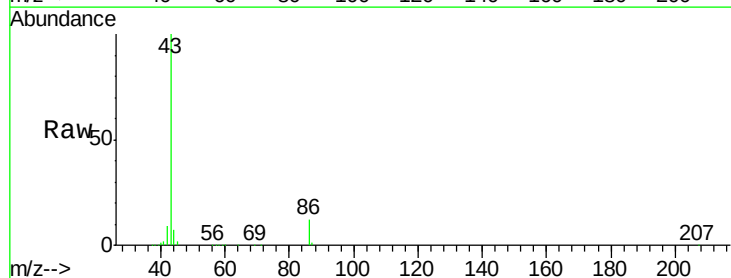
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

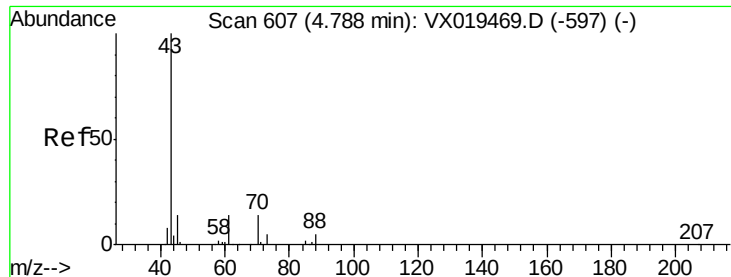
Tgt Ion: 83 Resp: 20849
 Ion Ratio Lower Upper
 83 100
 85 63.9 51.7 77.5
 127 8.2 7.0 10.6



#42
 Vinyl Acetate
 Concen: 27.684 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion: 43 Resp: 176370
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.8 13.2

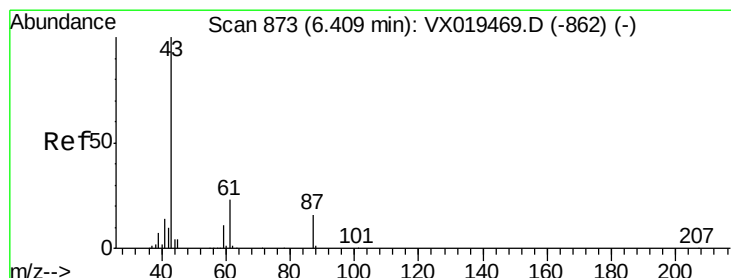
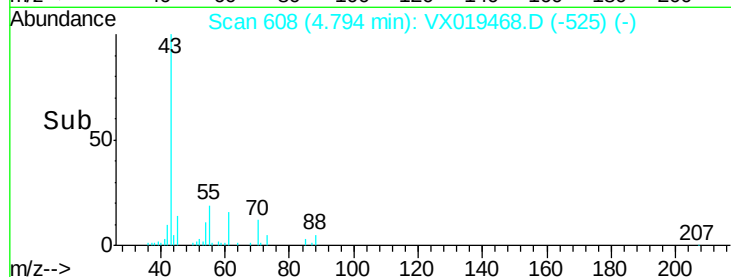
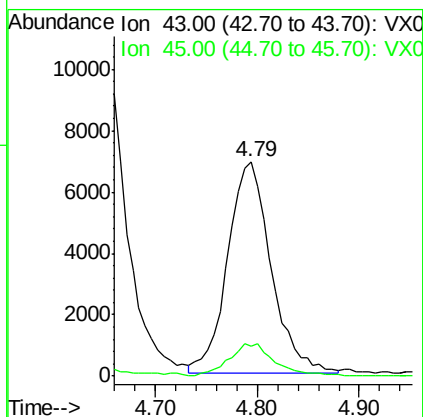
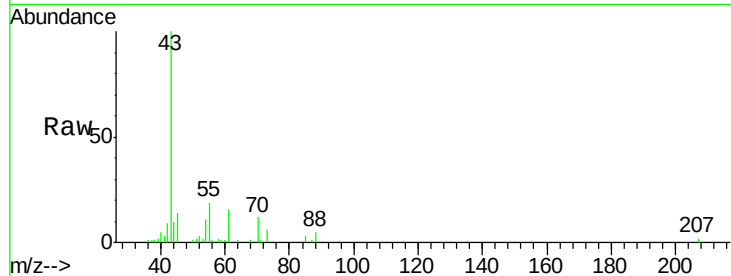




#43
Ethyl Acetate
Concen: 5.917 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

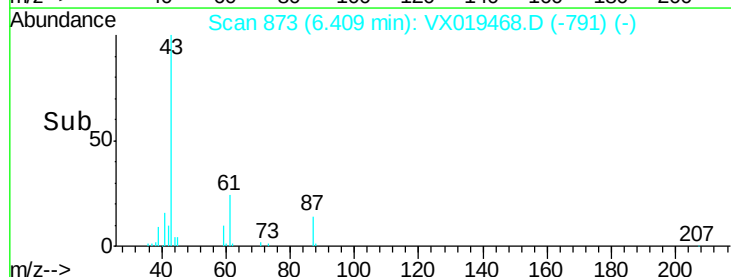
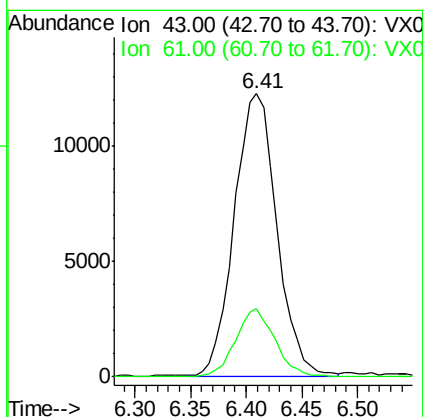
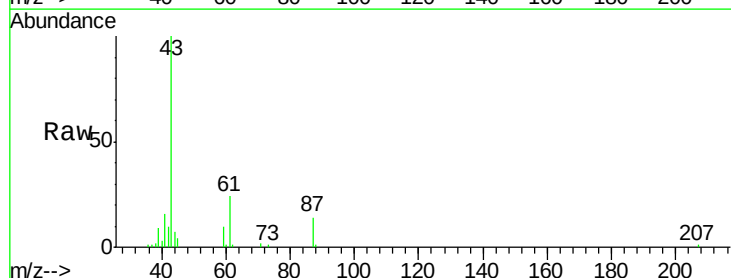
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

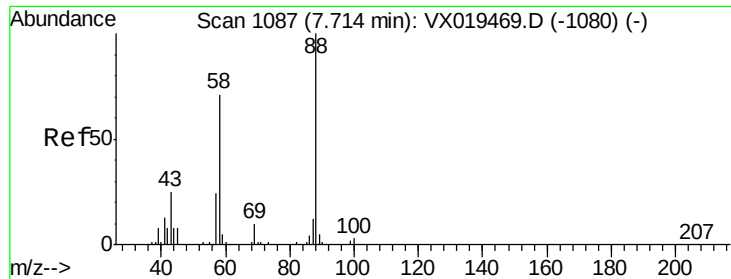
Tgt Ion: 43 Resp: 20338
Ion Ratio Lower Upper
43 100
45 16.3 12.9 19.3



#44
Isopropyl Acetate
Concen: 5.683 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion: 43 Resp: 32546
Ion Ratio Lower Upper
43 100
61 22.2 18.1 27.1

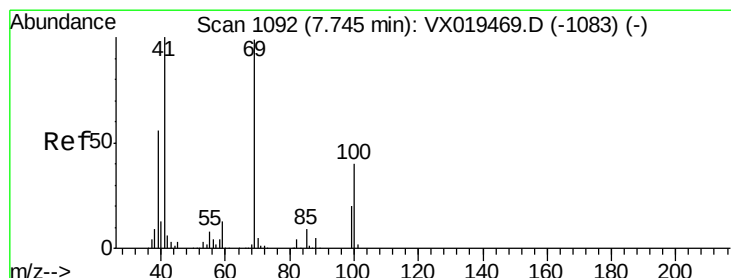
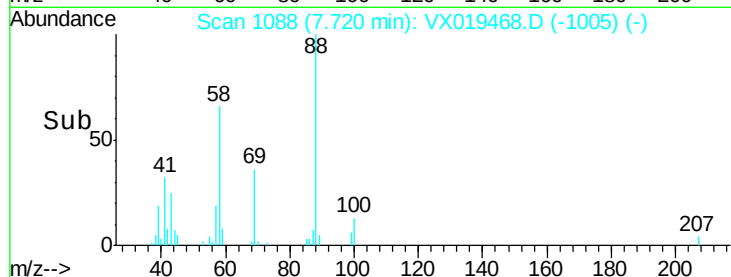
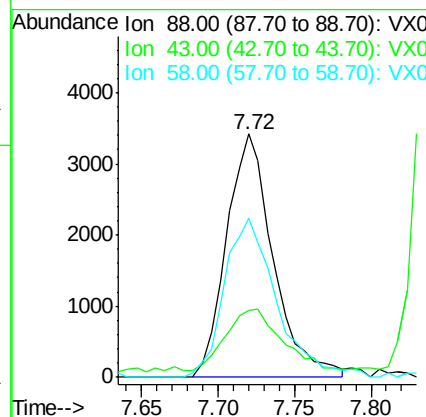
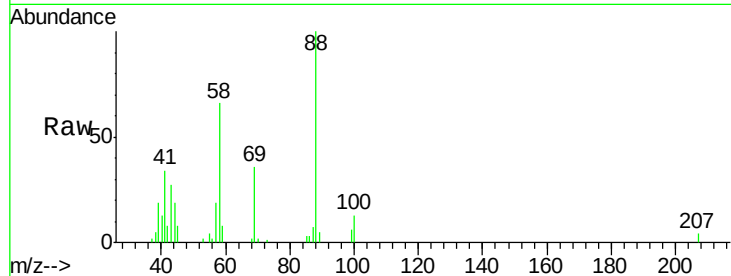




#45
 1,4-Dioxane
 Concen: 118.769 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

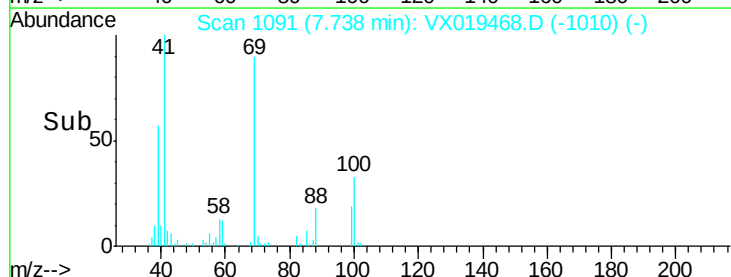
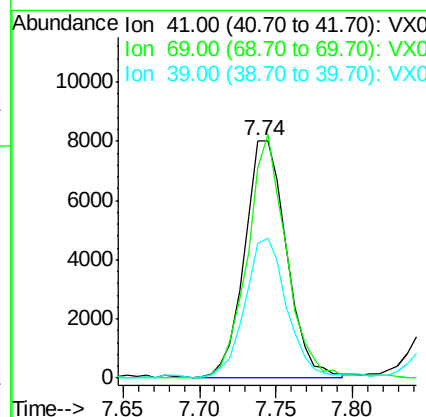
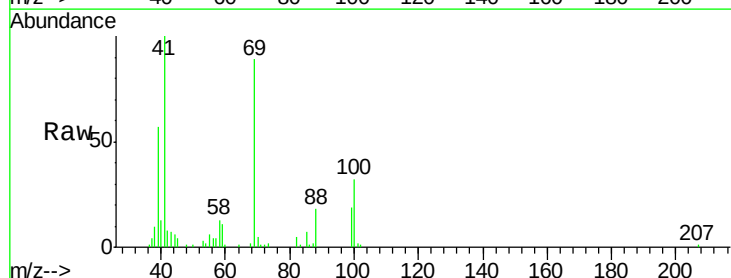
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

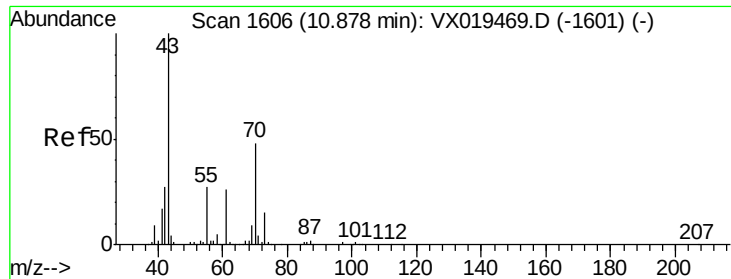
Tgt Ion: 88 Resp: 7230
 Ion Ratio Lower Upper
 88 100
 43 30.5 24.2 36.4
 58 72.2 56.6 84.8



#46
 Methyl methacrylate
 Concen: 5.663 ug/l
 RT: 7.74 min Scan# 1091
 Delta R.T. -0.01 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion: 41 Resp: 15370
 Ion Ratio Lower Upper
 41 100
 69 88.7 49.7 149.1
 39 56.6 28.1 84.4





#47

n-amyI Acetate

Concen: 5.092 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

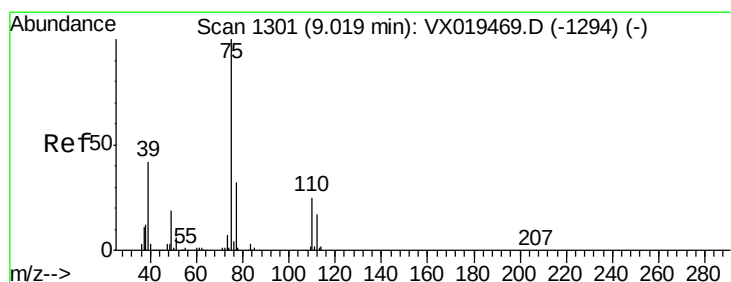
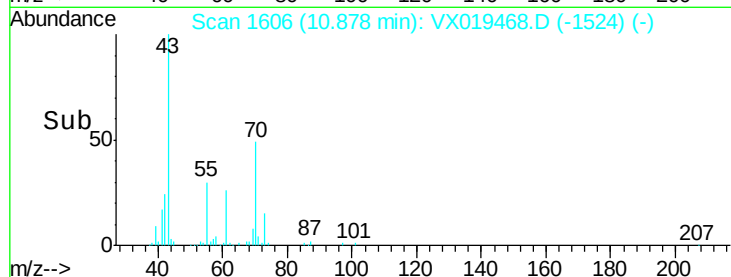
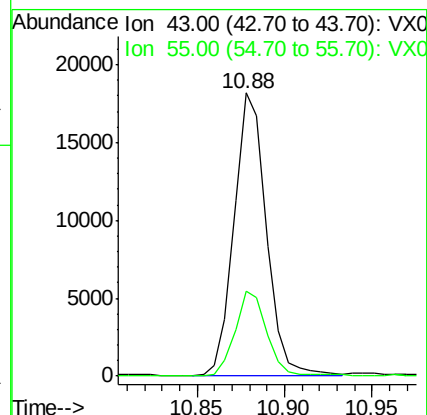
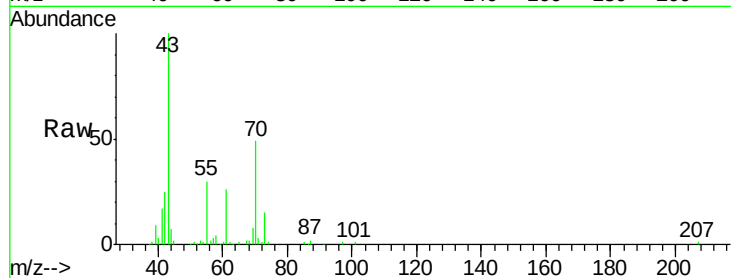
VSTDIC005

Tgt Ion: 43 Resp: 23492

Ion Ratio Lower Upper

43 100

55 29.1 22.8 34.2



#48

t-1,3-Dichloropropene

Concen: 4.627 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019468.D

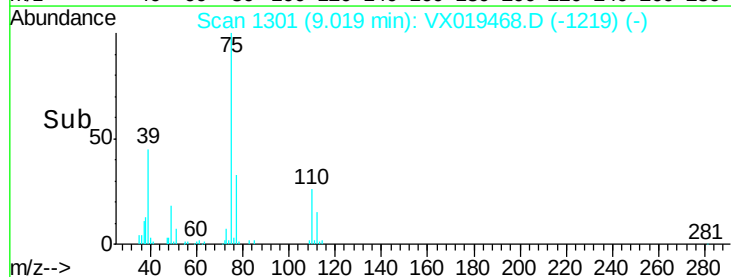
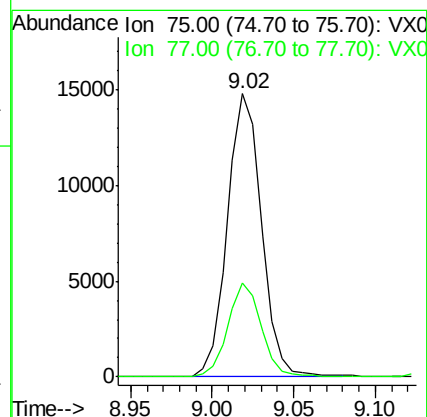
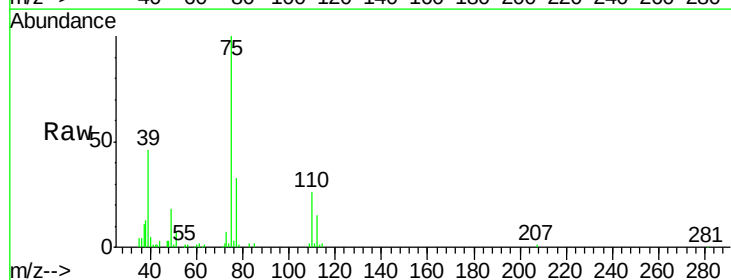
Acq: 19 Nov 2020 16:02

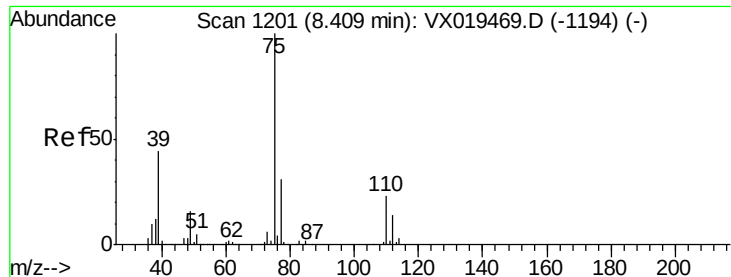
Tgt Ion: 75 Resp: 21551

Ion Ratio Lower Upper

75 100

77 33.1 25.4 38.2

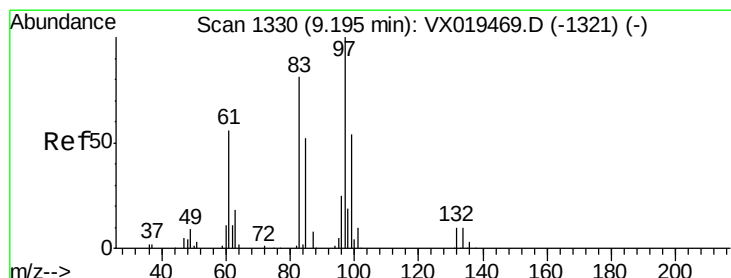
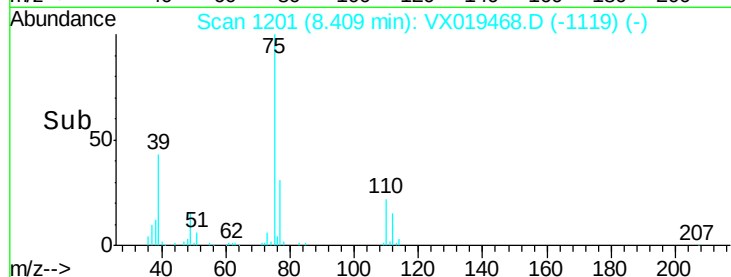
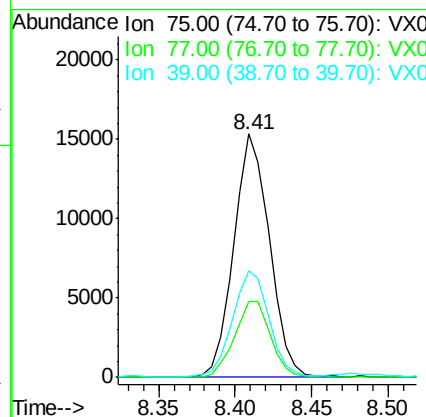
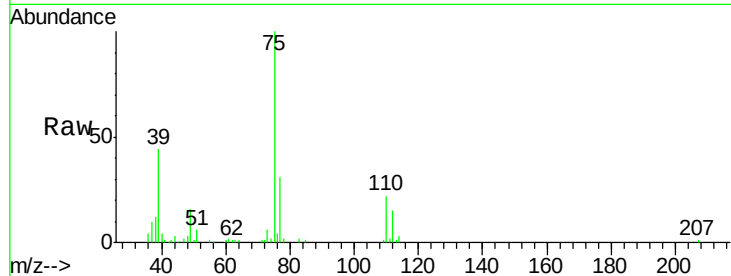




#49
 cis-1,3-Dichloropropene
 Concen: 4.969 ug/l
 RT: 8.41 min Scan# 1201
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

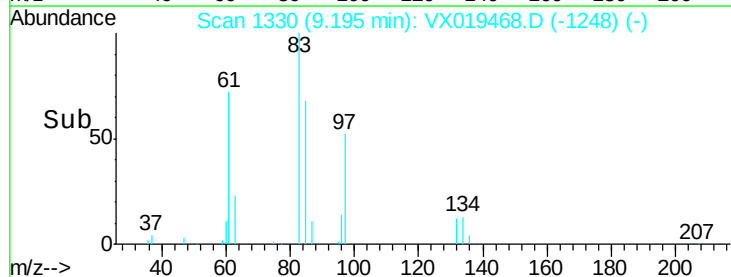
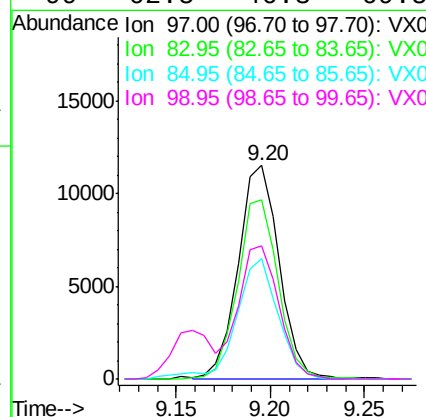
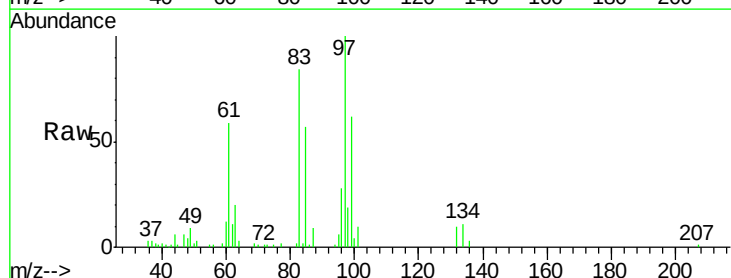
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

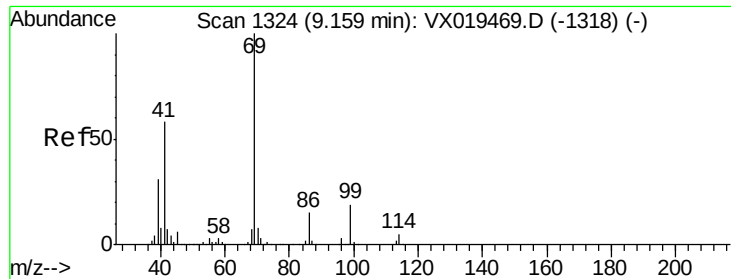
Tgt Ion: 75 Resp: 24770
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.7 37.1
 39 43.2 35.3 52.9



#50
 1,1,2-Trichloroethane
 Concen: 5.558 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion: 97 Resp: 17389
 Ion Ratio Lower Upper
 97 100
 83 83.3 64.8 97.2
 85 56.5 41.8 62.8
 99 62.5 46.3 69.5

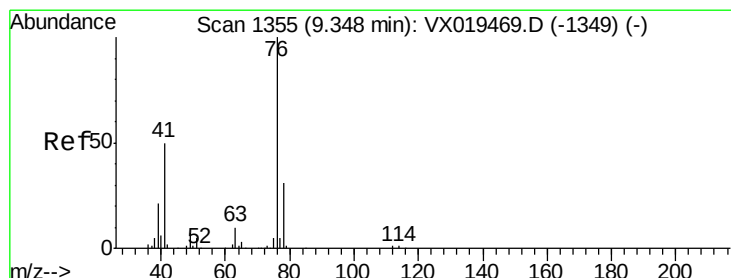
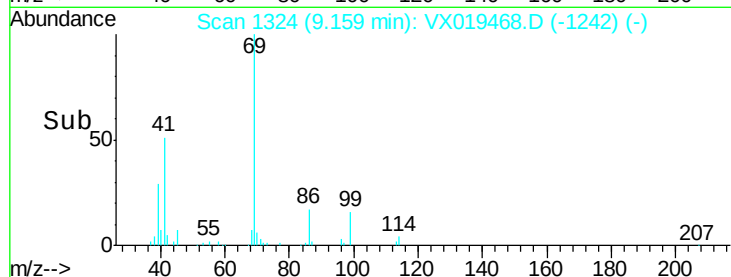
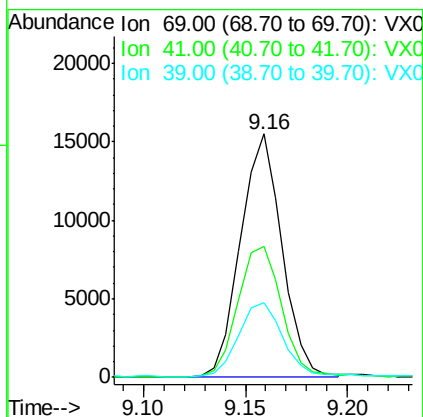
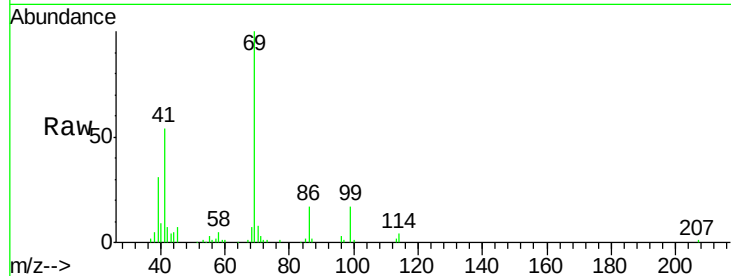




#51
Ethyl methacrylate
Concen: 4.891 ug/l
RT: 9.16 min Scan# 1324
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

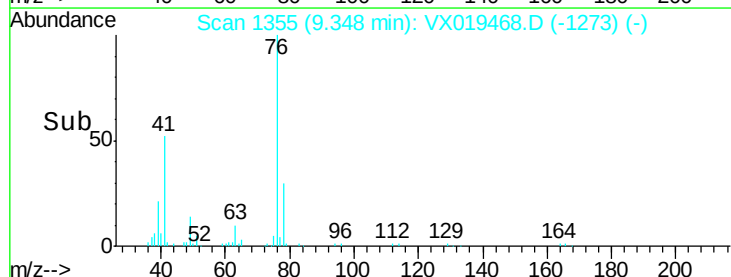
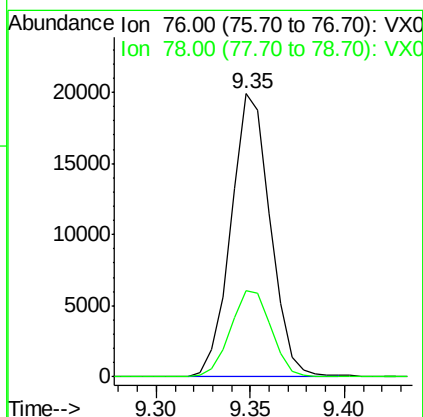
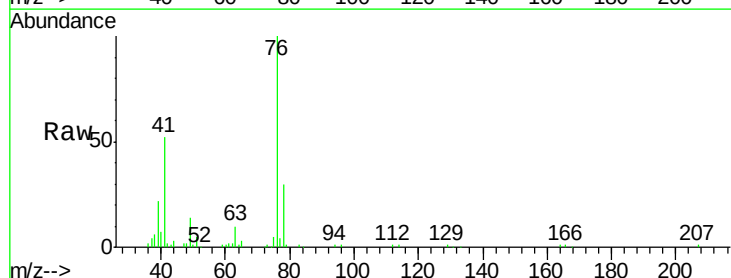
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

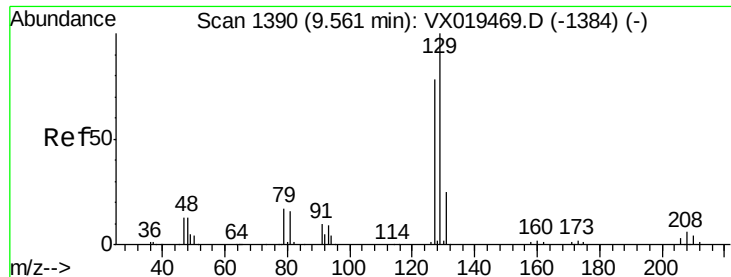
Tgt Ion: 69 Resp: 21922
Ion Ratio Lower Upper
69 100
41 53.6 29.0 87.1
39 30.7 15.4 46.4



#52
1,3-Dichloropropane
Concen: 5.644 ug/l
RT: 9.35 min Scan# 1355
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion: 76 Resp: 28735
Ion Ratio Lower Upper
76 100
78 31.6 0.0 63.4

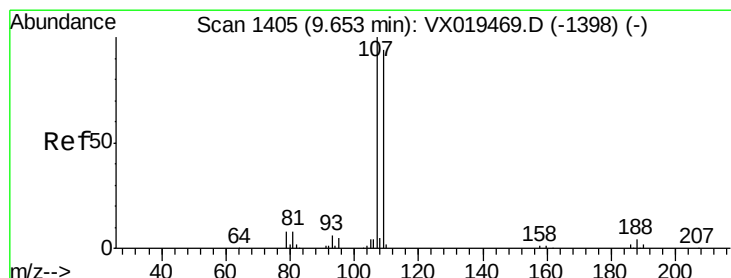
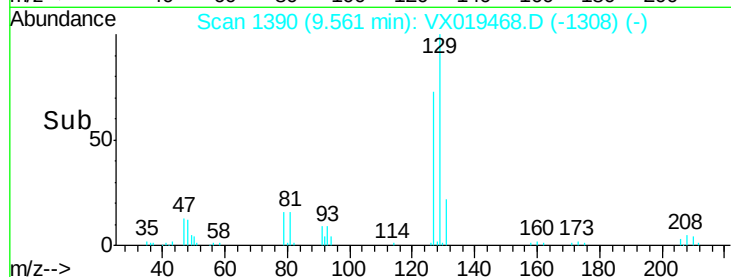
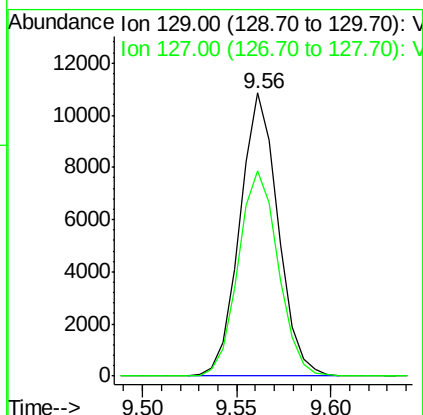
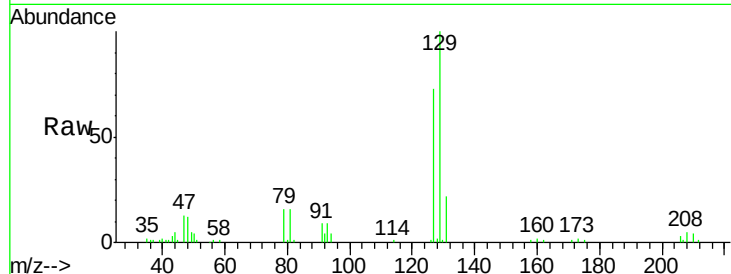




#53
Dibromochloromethane
Concen: 4.499 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

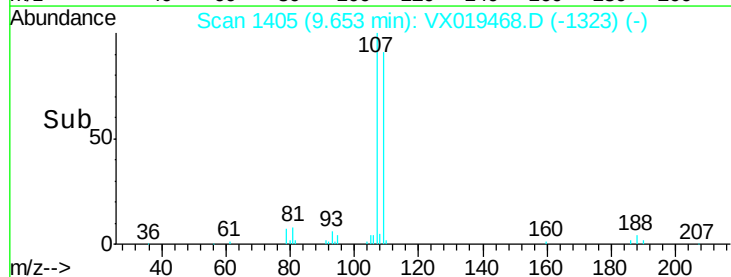
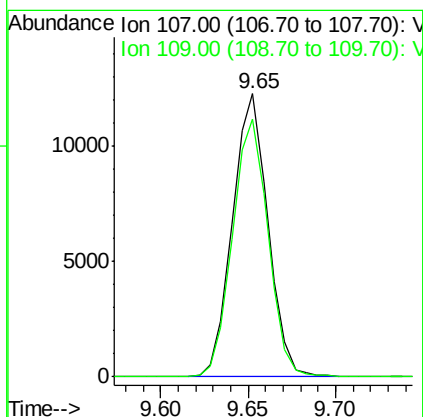
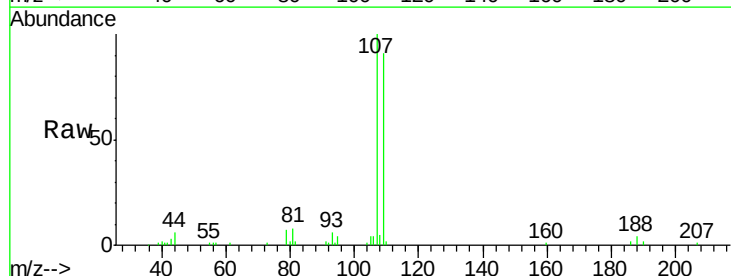
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

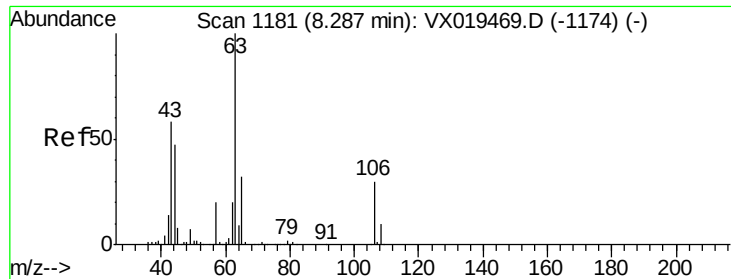
Tgt Ion:129 Resp: 15292
Ion Ratio Lower Upper
129 100
127 75.2 38.0 114.1



#54
1,2-Dibromoethane
Concen: 5.157 ug/l
RT: 9.65 min Scan# 1405
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion:107 Resp: 17292
Ion Ratio Lower Upper
107 100
109 91.3 74.2 111.4

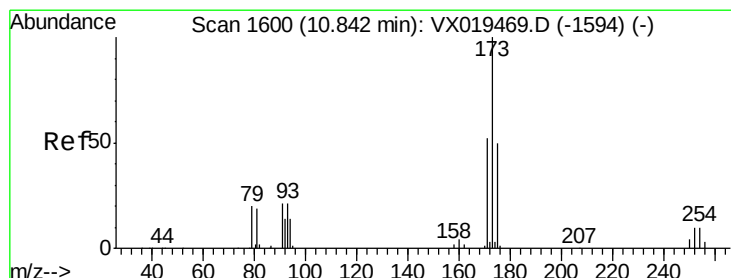
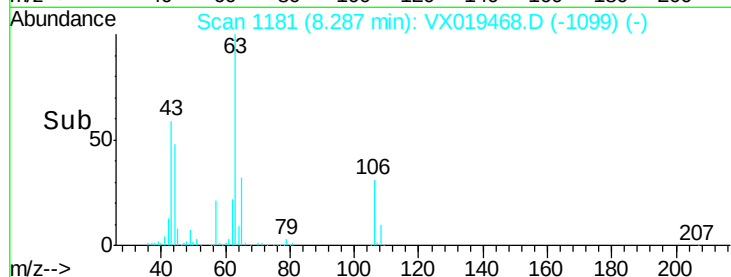
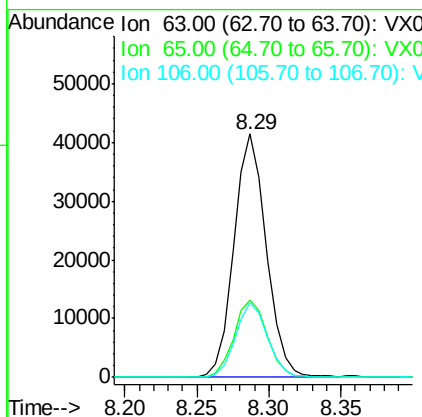
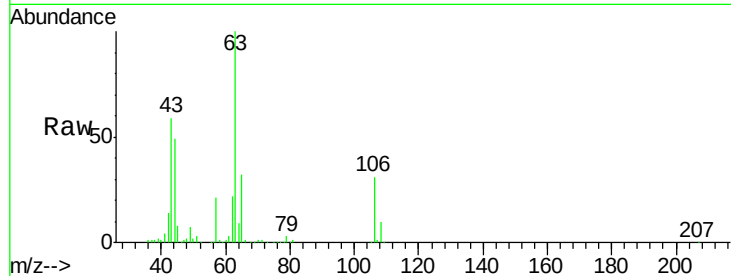




#55
 2-Chloroethyl vinyl ether
 Concen: 27.446 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

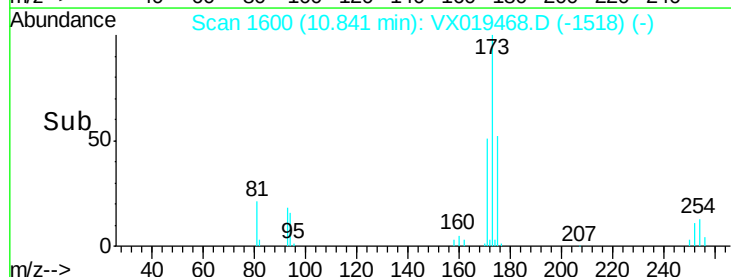
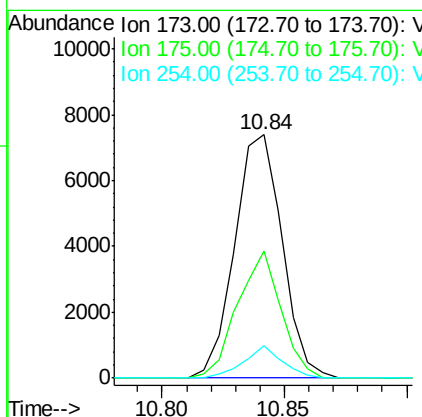
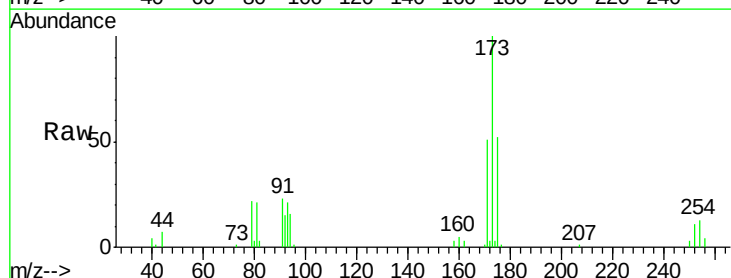
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

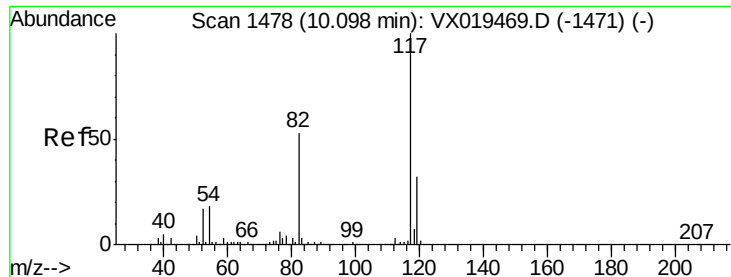
Tgt Ion: 63 Resp: 65019
 Ion Ratio Lower Upper
 63 100
 65 32.8 25.7 38.5
 106 30.1 24.2 36.4



#56
 Bromoform
 Concen: 4.217 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion: 173 Resp: 10006
 Ion Ratio Lower Upper
 173 100
 175 47.7 39.7 59.5
 254 10.9 8.0 12.0

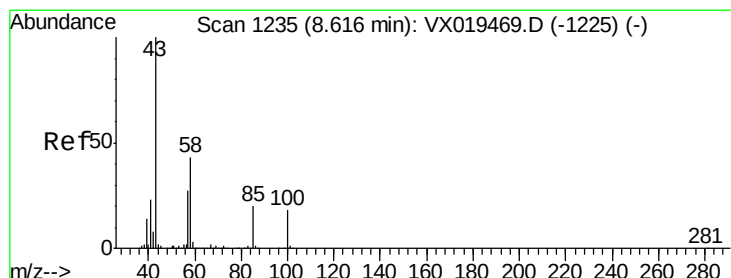
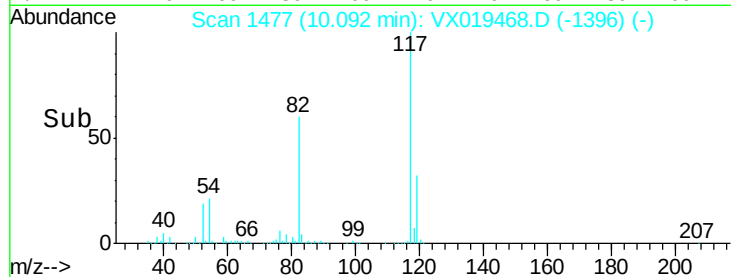
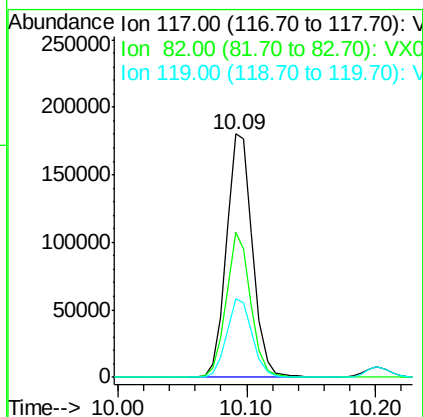
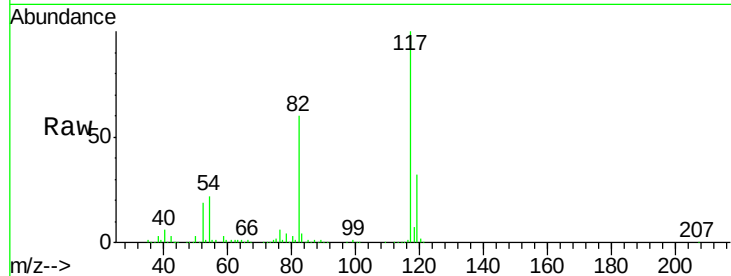




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

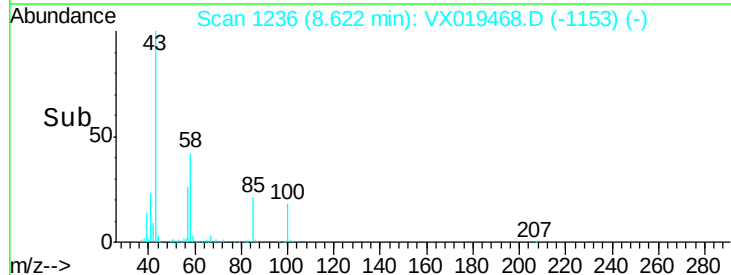
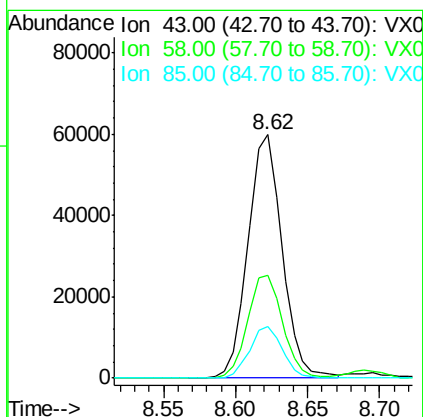
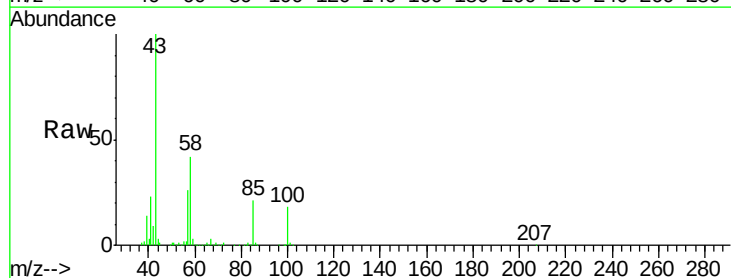
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

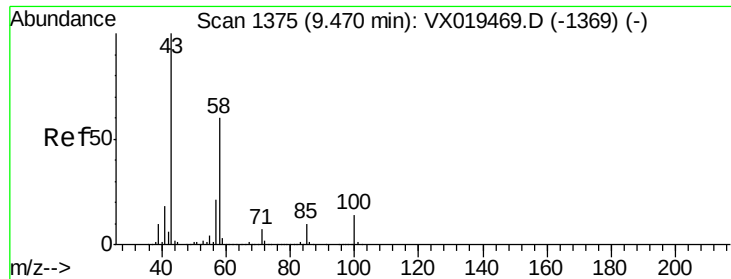
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.9	44.5	66.7
119	31.9	25.9	38.9



#58
4-Methyl-2-Pentanone
Concen: 28.390 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	43.4	35.1	52.7
85	20.6	16.7	25.1

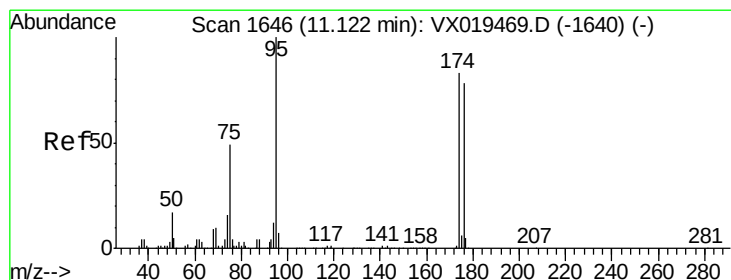
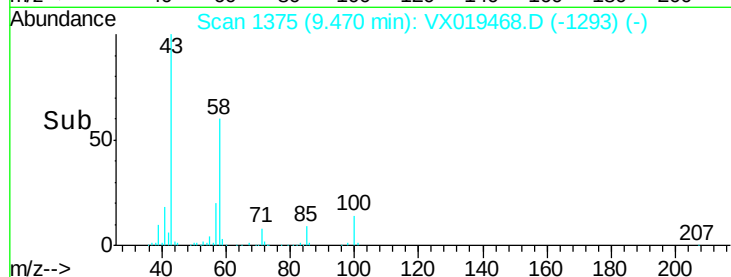
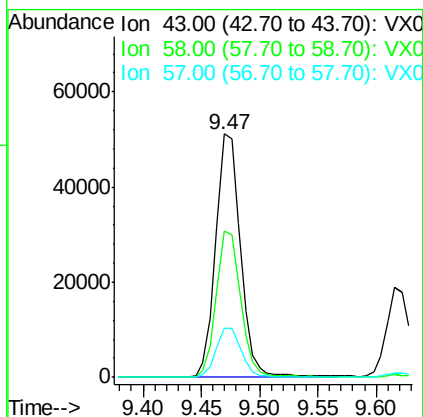
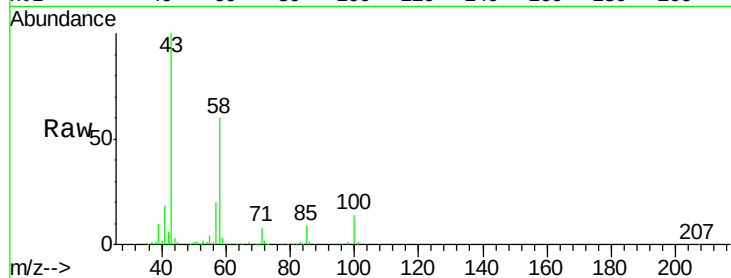




#59
2-Hexanone
Concen: 29.250 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

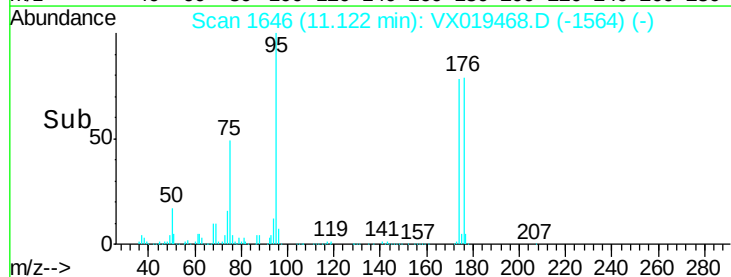
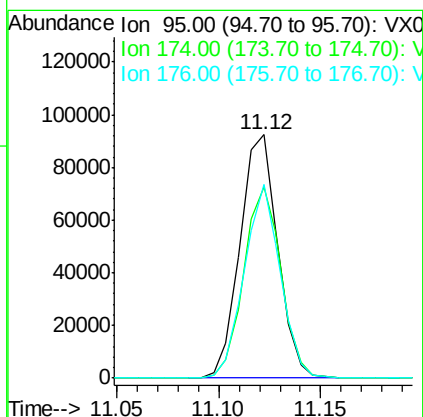
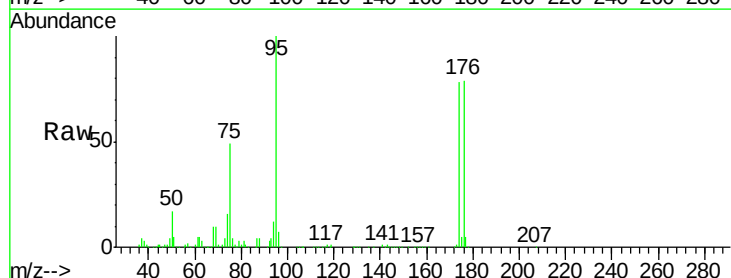
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

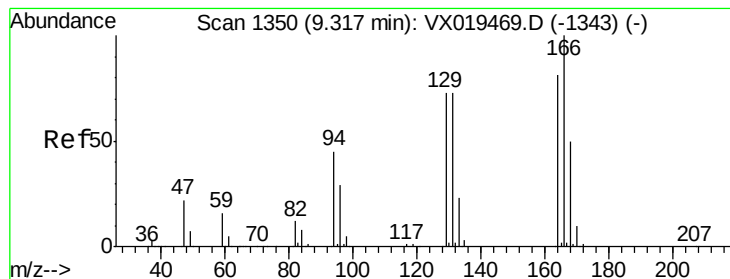
Tgt Ion: 43 Resp: 75274
Ion Ratio Lower Upper
43 100
58 59.4 49.0 73.6
57 20.6 17.0 25.4



#60
4-Bromofluorobenzene
Concen: 30.459 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion: 95 Resp: 118747
Ion Ratio Lower Upper
95 100
174 77.7 63.5 95.3
176 76.2 59.8 89.6





#61

Tetrachloroethene

Concen: 5.559 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

Tgt Ion:164 Resp: 17702

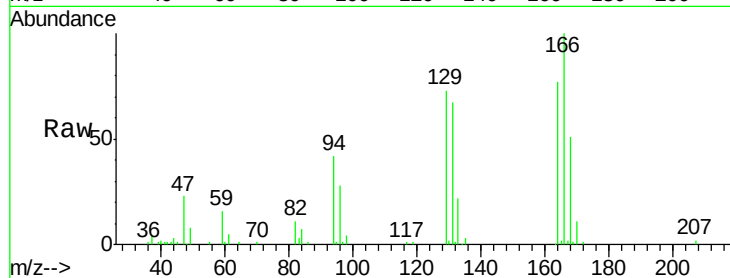
Ion Ratio Lower Upper

164 100

166 129.9 99.4 149.0

129 94.7 72.6 108.8

131 87.6 72.6 108.8

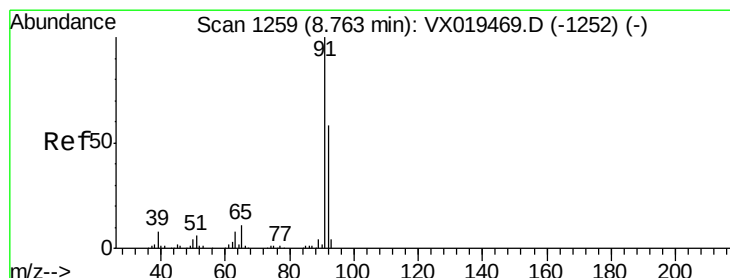
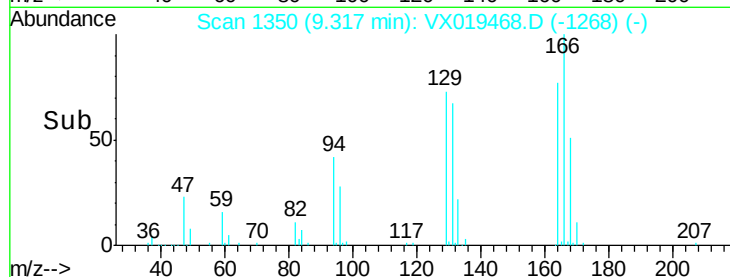
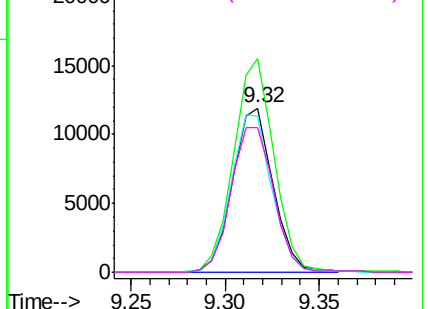


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 5.156 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019468.D

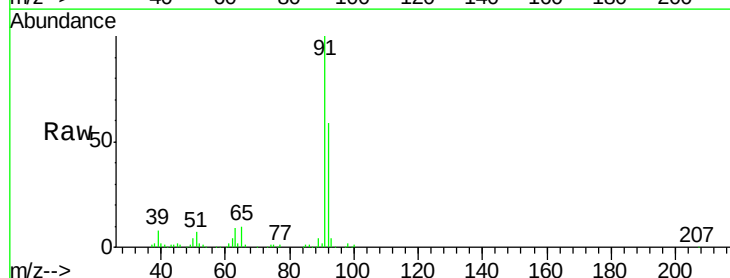
Acq: 19 Nov 2020 16:02

Tgt Ion: 91 Resp: 71499

Ion Ratio Lower Upper

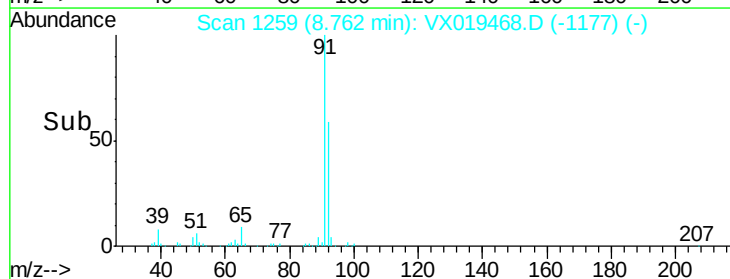
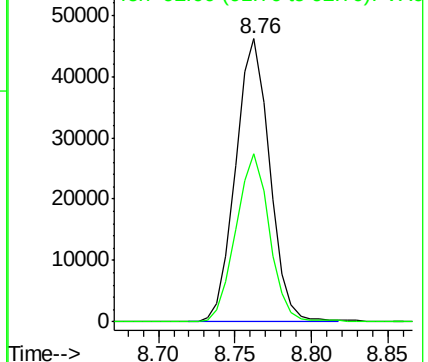
91 100

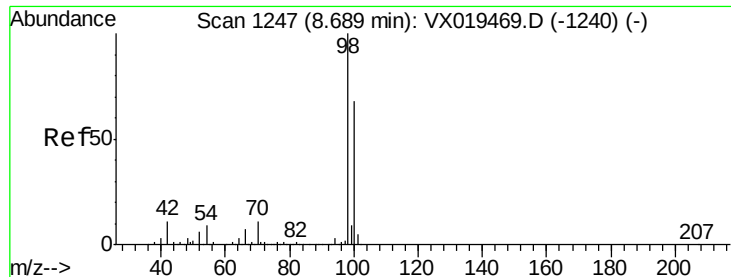
92 58.7 47.4 71.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

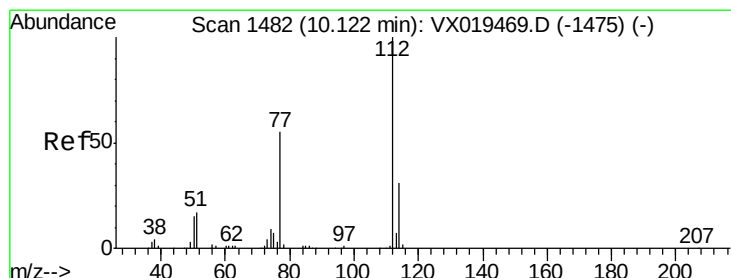
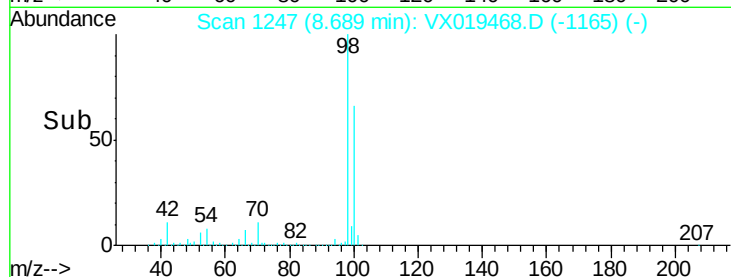
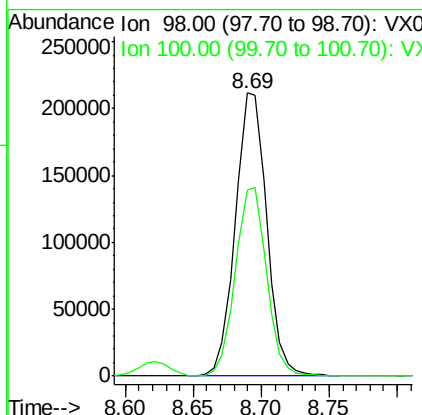
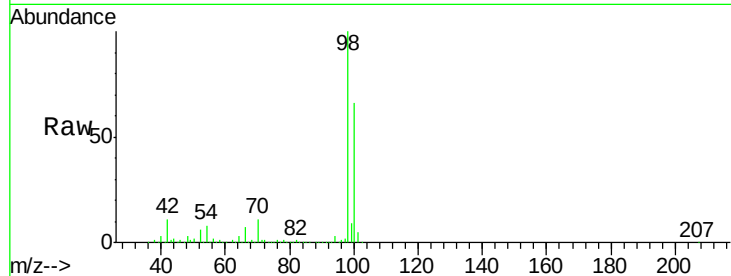




#63
Toluene-d8
Concen: 30.189 ug/l
RT: 8.69 min Scan# 1247
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

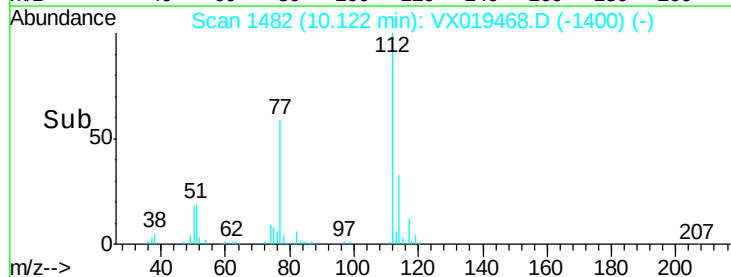
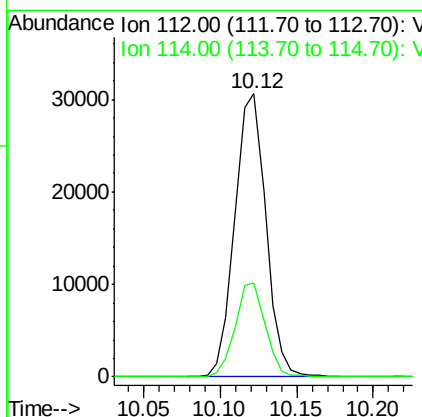
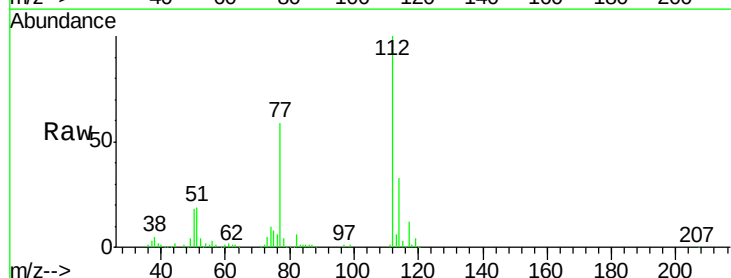
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

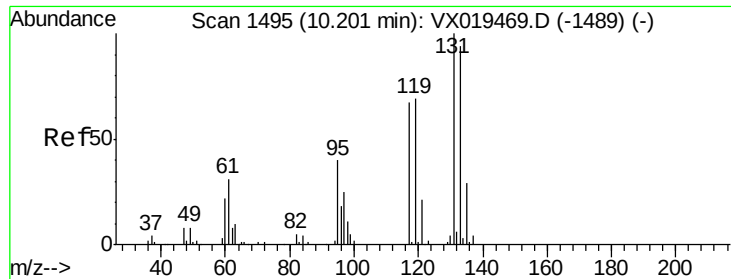
Tgt Ion: 98 Resp: 340286
Ion Ratio Lower Upper
98 100
100 66.3 53.6 80.4



#64
Chlorobenzene
Concen: 5.022 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion: 112 Resp: 43385
Ion Ratio Lower Upper
112 100
114 33.0 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 4.825 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

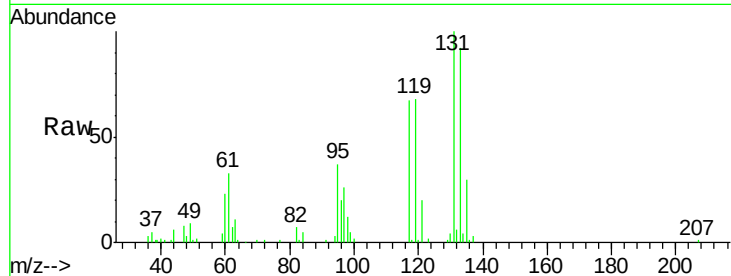
Tgt Ion: 131 Resp: 15169

Ion Ratio Lower Upper

131 100

133 96.5 0.0 189.4

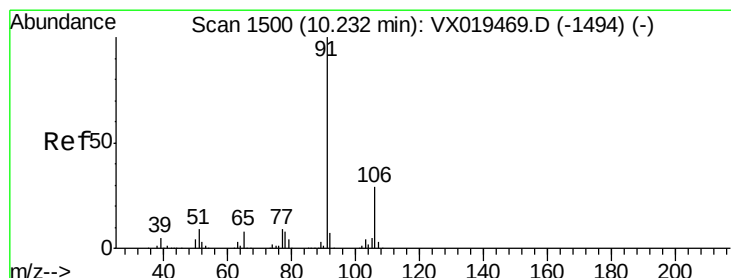
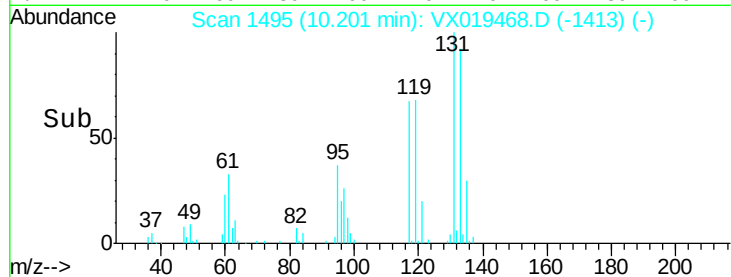
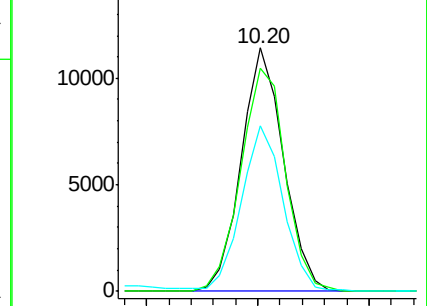
119 67.2 0.0 130.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 4.915 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019468.D

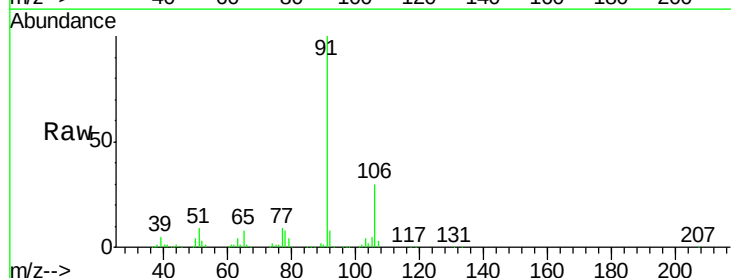
Acq: 19 Nov 2020 16:02

Tgt Ion: 91 Resp: 74896

Ion Ratio Lower Upper

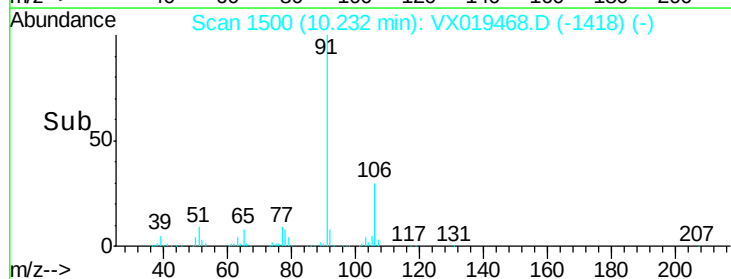
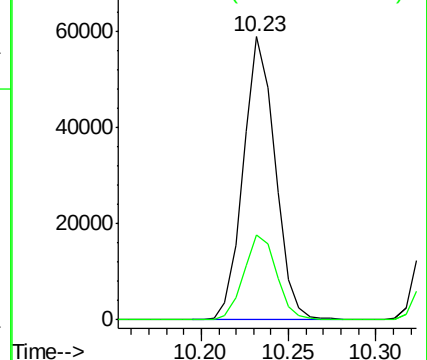
91 100

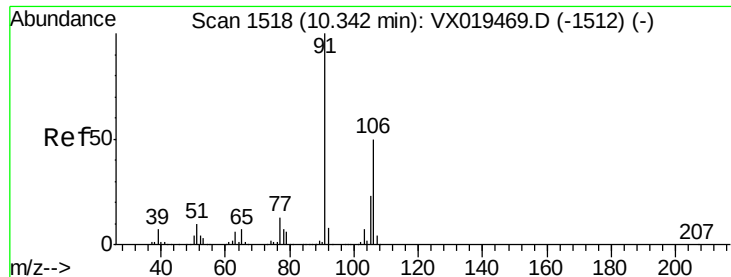
106 29.9 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V





#67

m/p-Xylenes

Concen: 9.496 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampled :

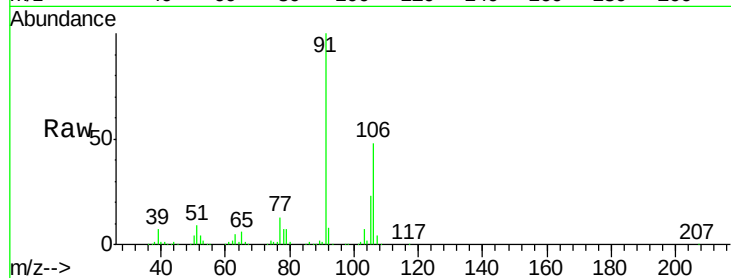
VSTDIC005

Tgt Ion:106 Resp: 55094

Ion Ratio Lower Upper

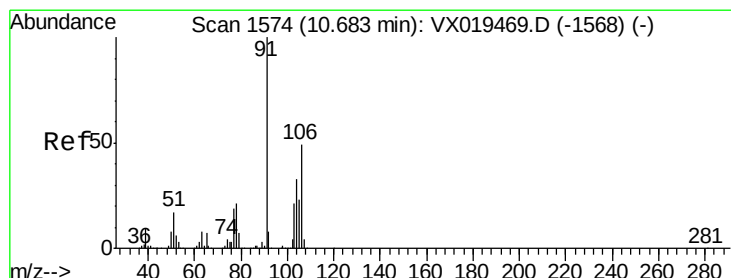
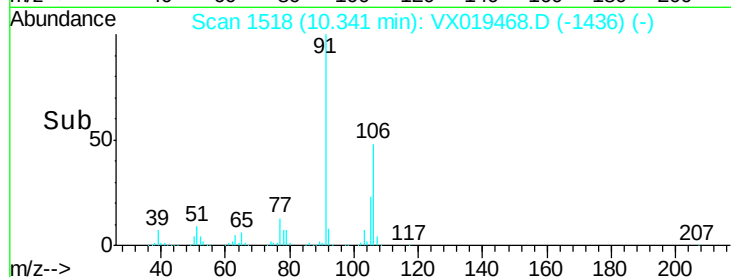
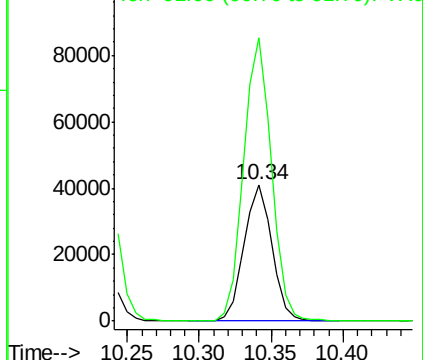
106 100

91 205.6 162.7 244.1



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 4.704 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX019468.D

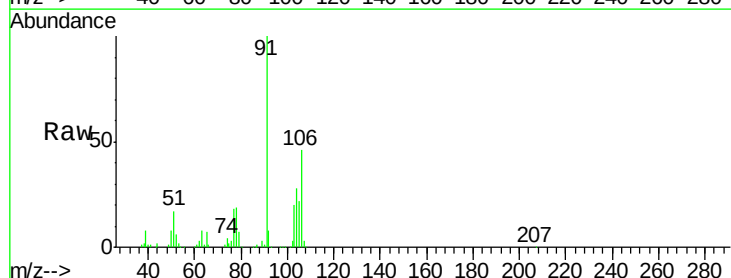
Acq: 19 Nov 2020 16:02

Tgt Ion:106 Resp: 26029

Ion Ratio Lower Upper

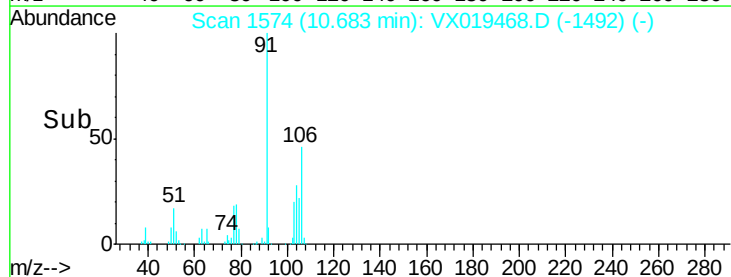
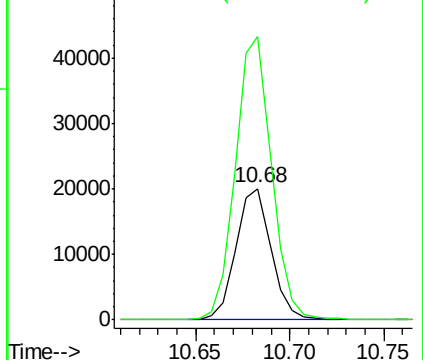
106 100

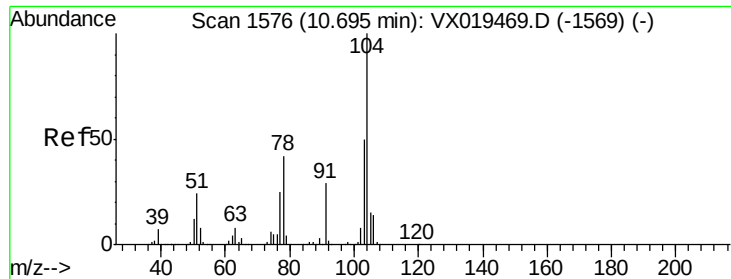
91 221.4 108.3 324.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

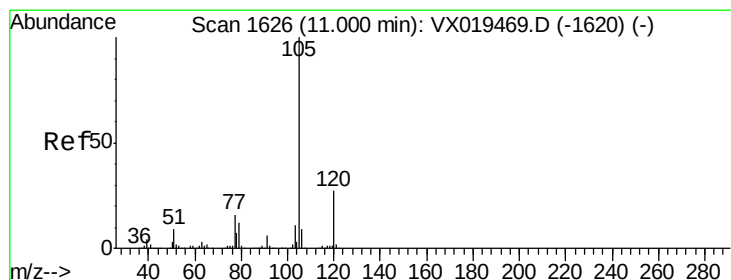
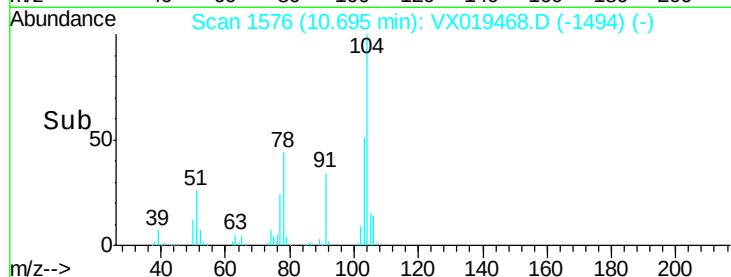
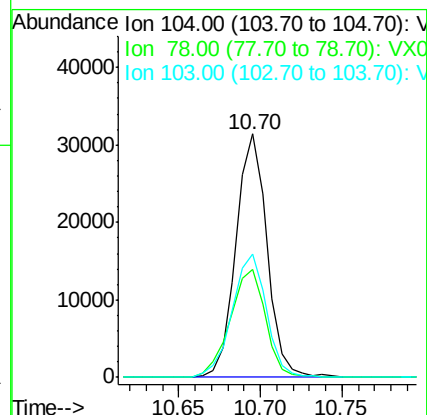
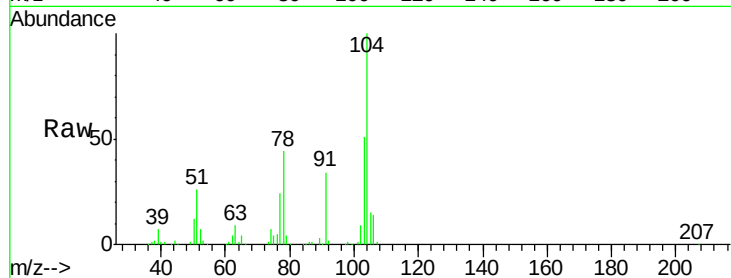




#69
Styrene
Concen: 4.481 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

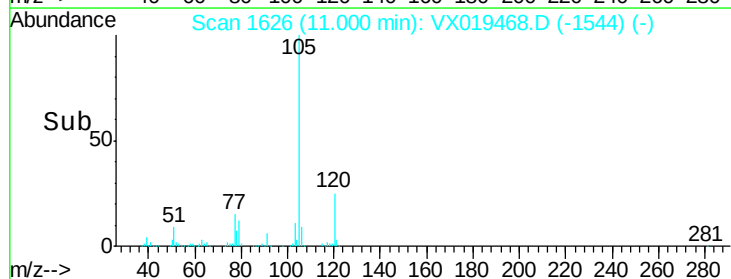
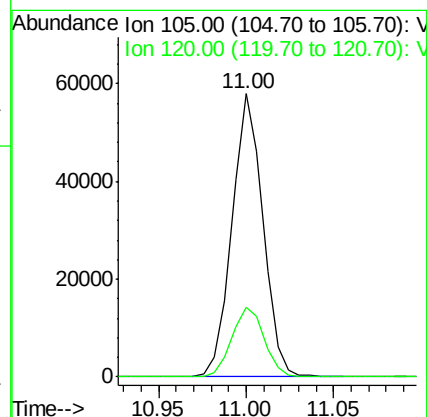
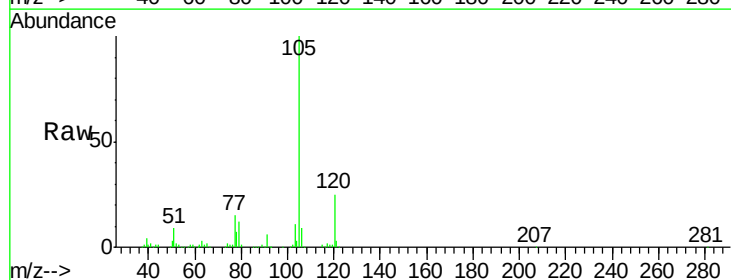
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

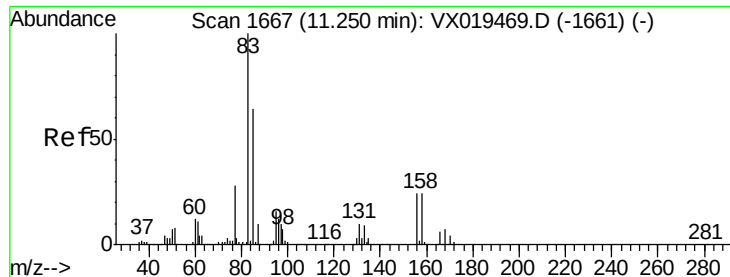
Tgt Ion:104 Resp: 41907
Ion Ratio Lower Upper
104 100
78 50.2 39.2 58.8
103 55.5 43.8 65.8



#70
Isopropylbenzene
Concen: 4.767 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion:105 Resp: 71231
Ion Ratio Lower Upper
105 100
120 25.7 18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 5.583 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

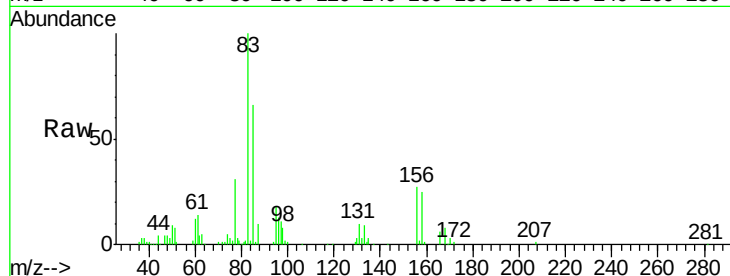
Tgt Ion: 83 Resp: 24779

Ion Ratio Lower Upper

83 100

131 10.0 4.9 14.7

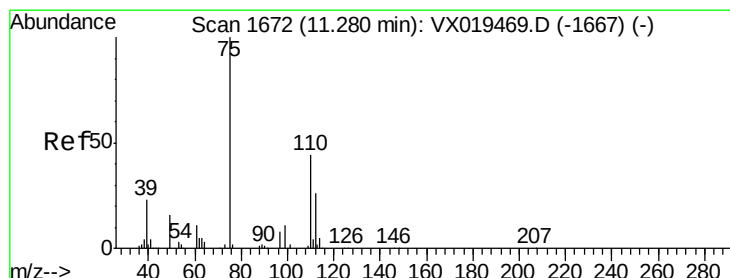
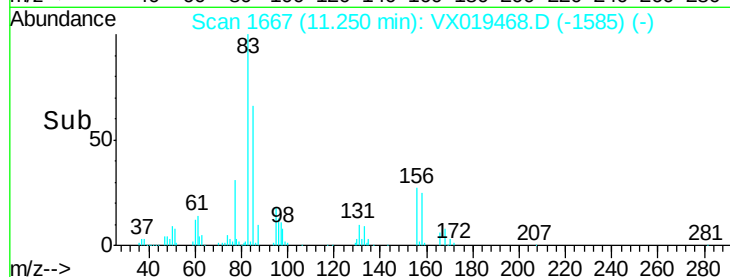
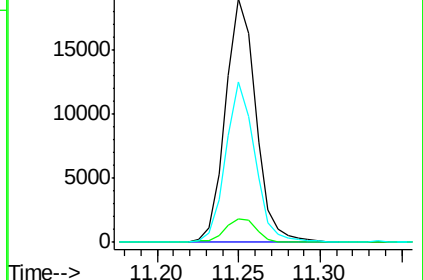
85 63.3 31.6 94.8



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 6.960 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019468.D

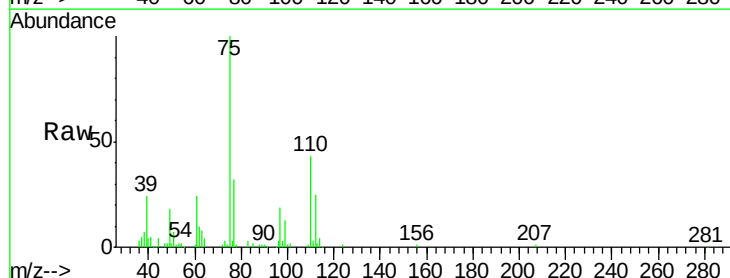
Acq: 19 Nov 2020 16:02

Tgt Ion: 75 Resp: 27643

Ion Ratio Lower Upper

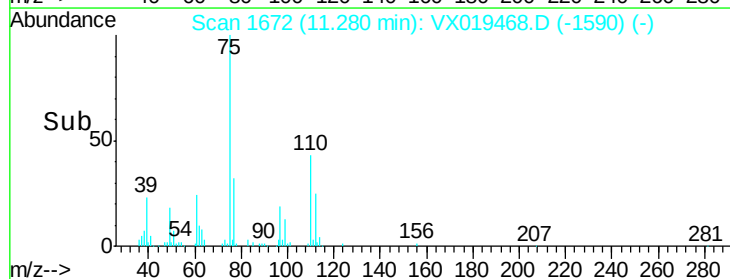
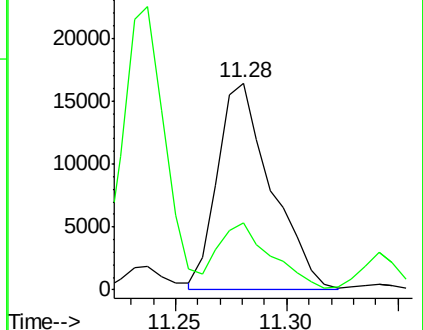
75 100

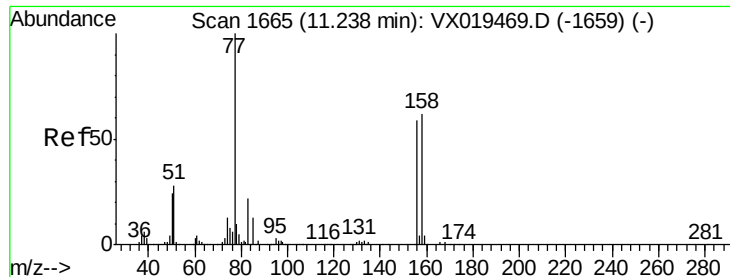
77 31.6 0.0 78.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 5.125 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

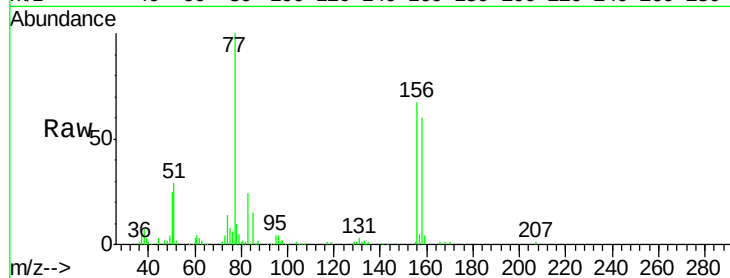
Tgt Ion:156 Resp: 18741

Ion Ratio Lower Upper

156 100

77 159.3 0.0 329.0

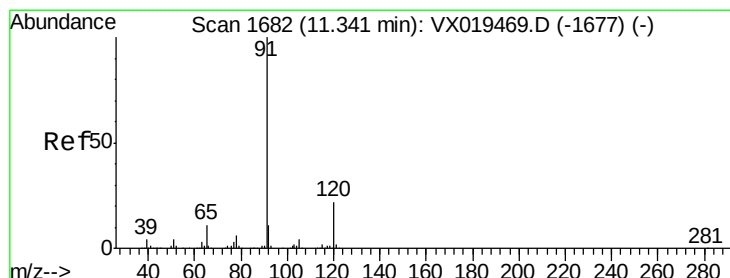
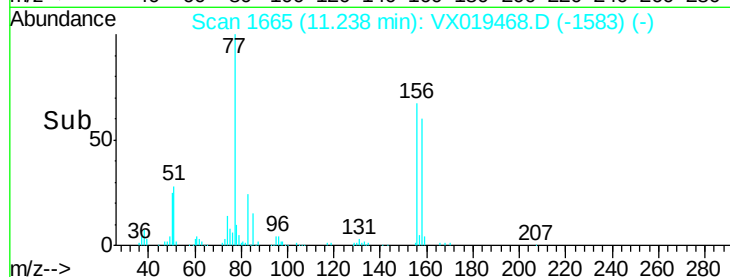
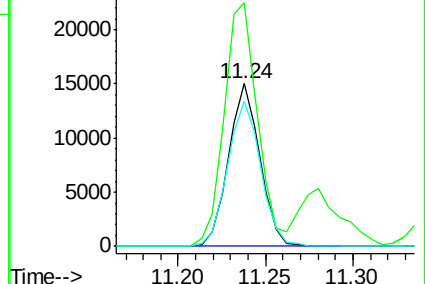
158 93.9 0.0 197.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 4.783 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019468.D

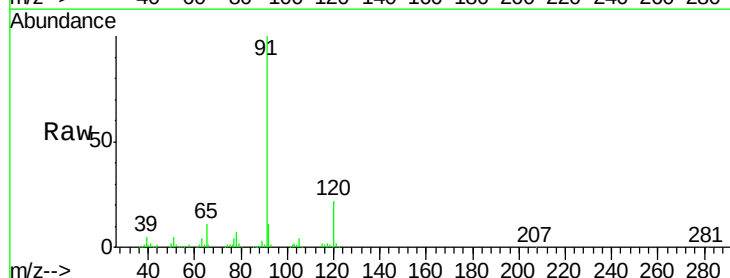
Acq: 19 Nov 2020 16:02

Tgt Ion: 91 Resp: 80964

Ion Ratio Lower Upper

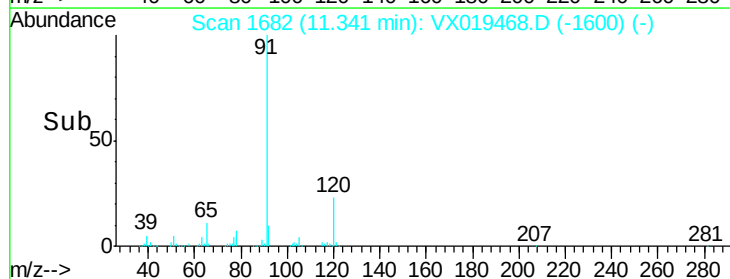
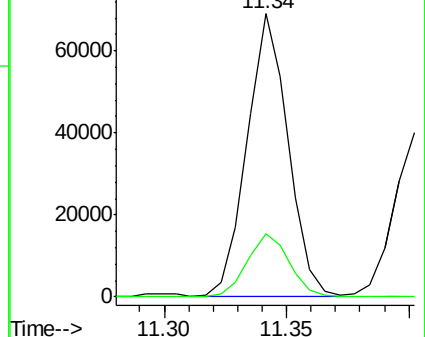
91 100

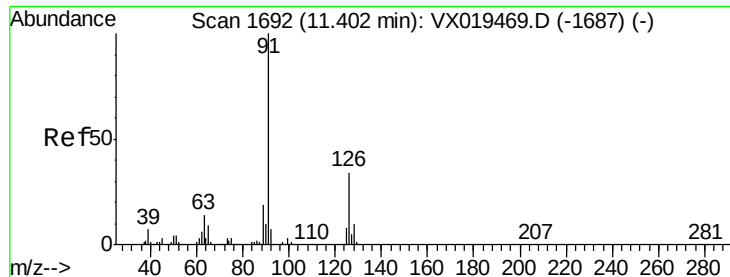
120 22.9 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 5.213 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

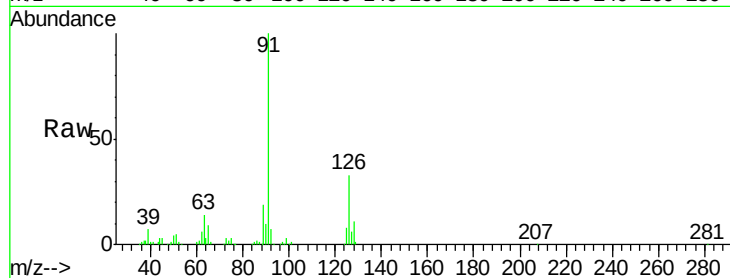
VSTDIC005

Tgt Ion: 91 Resp: 50743

Ion Ratio Lower Upper

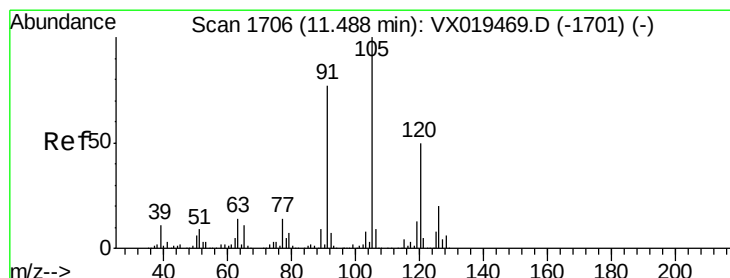
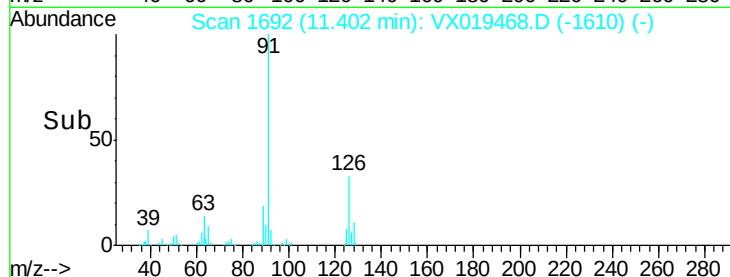
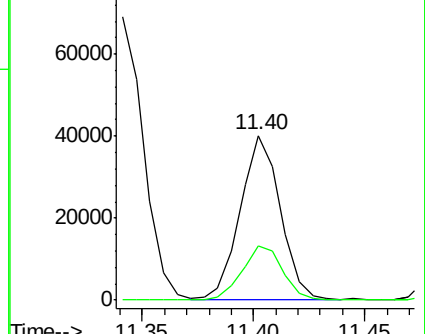
91 100

126 33.1 0.0 66.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 4.819 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019468.D

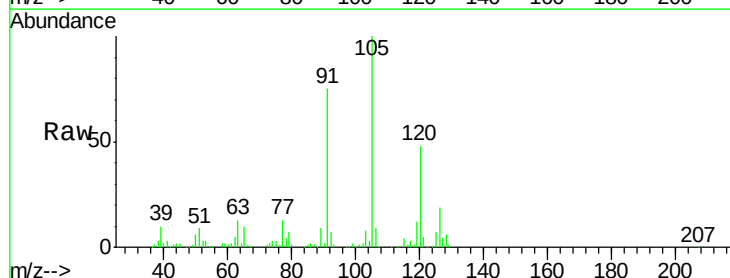
Acq: 19 Nov 2020 16:02

Tgt Ion: 105 Resp: 58760

Ion Ratio Lower Upper

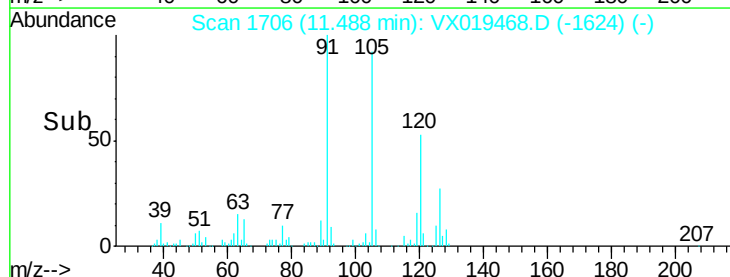
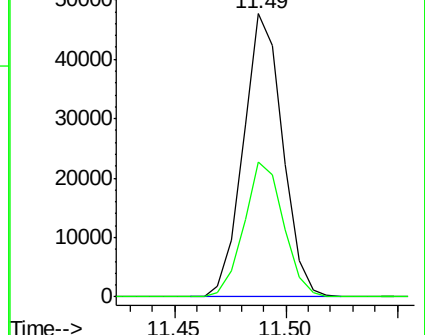
105 100

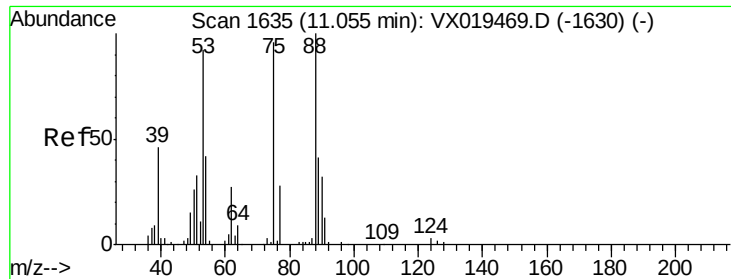
120 48.1 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 3.890 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampled :

VSTDIC005

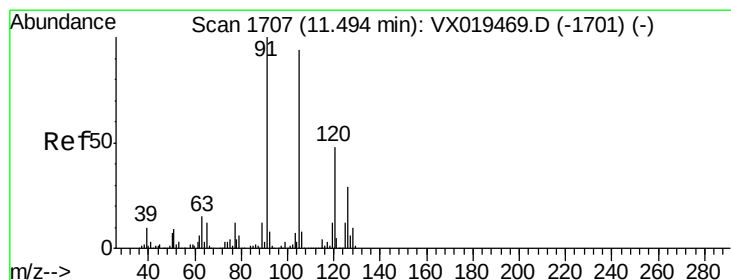
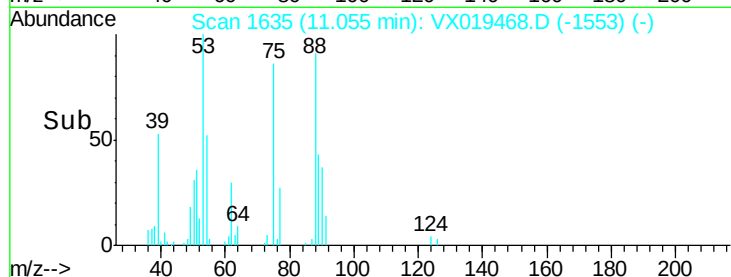
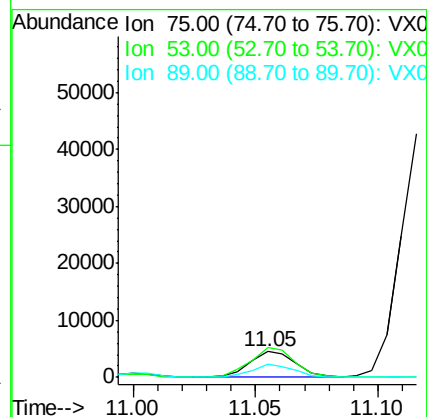
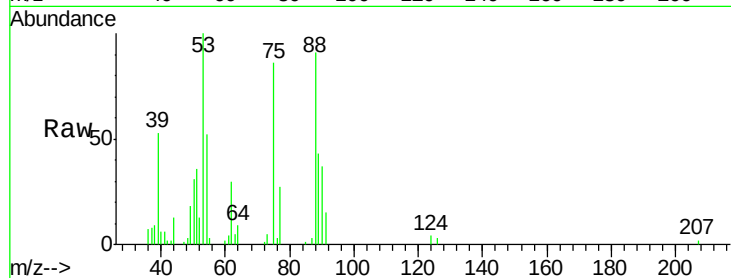
Tgt Ion: 75 Resp: 5912

Ion Ratio Lower Upper

75 100

53 115.6 47.9 143.6

89 49.7 21.4 64.2



#78

4-Chlorotoluene

Concen: 5.017 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019468.D

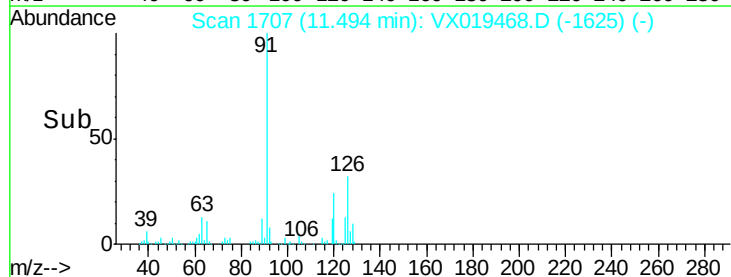
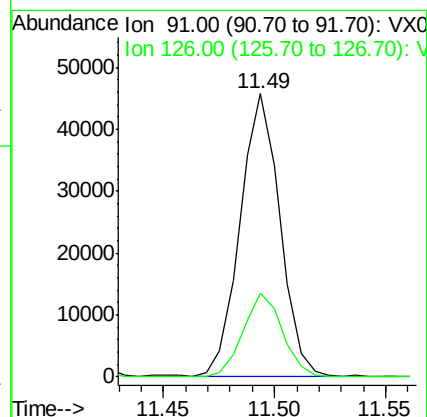
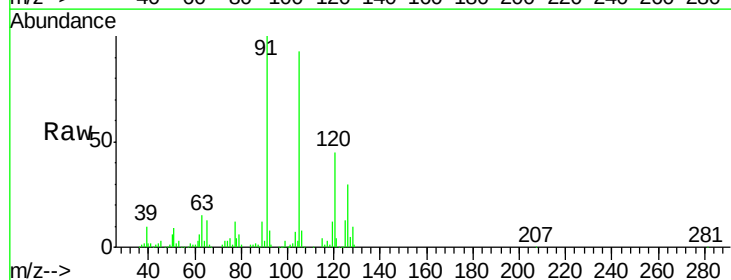
Acq: 19 Nov 2020 16:02

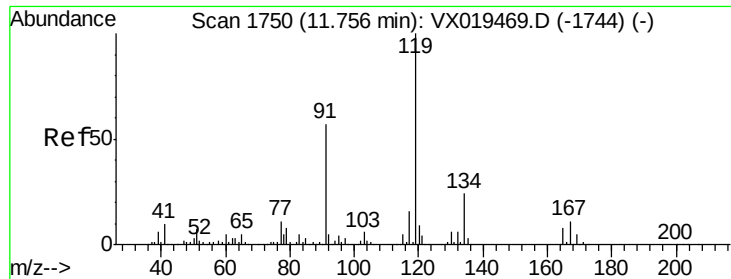
Tgt Ion: 91 Resp: 57192

Ion Ratio Lower Upper

91 100

126 29.5 0.0 58.6

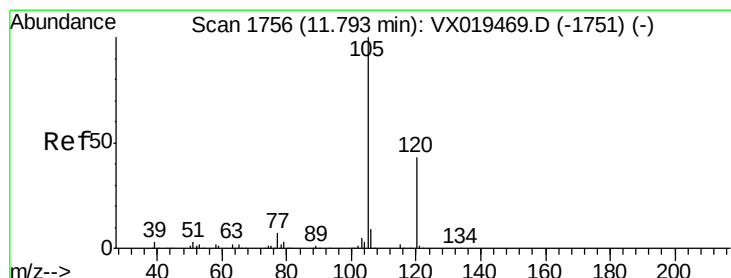
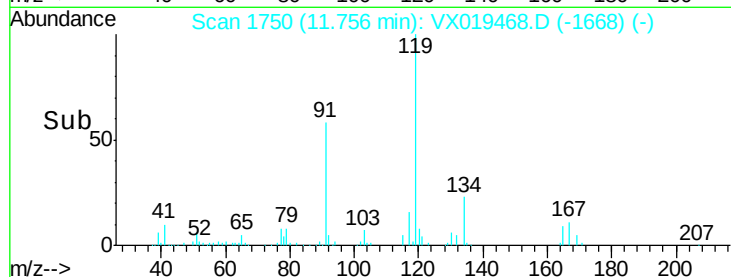
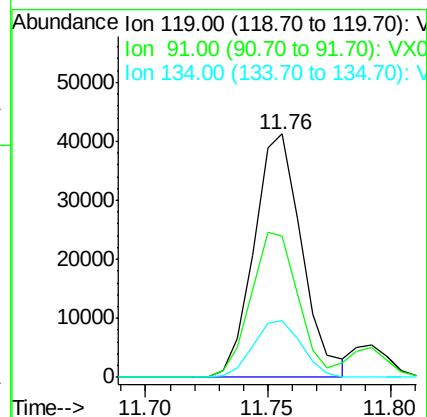
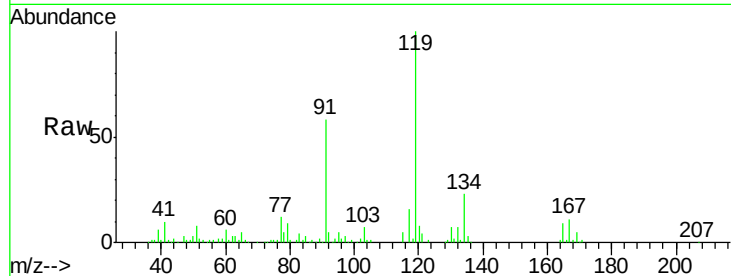




#79
tert-butylbenzene
Concen: 4.698 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

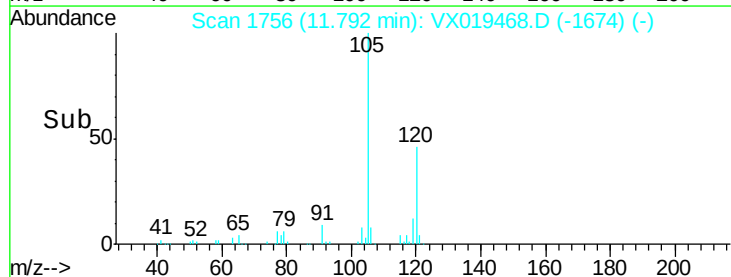
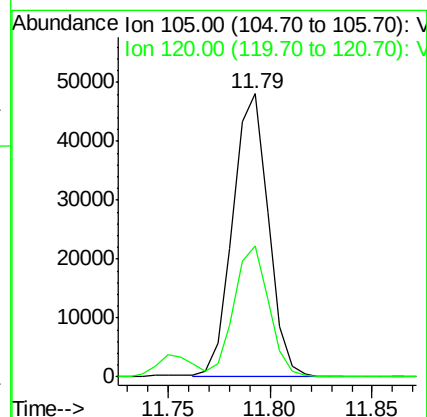
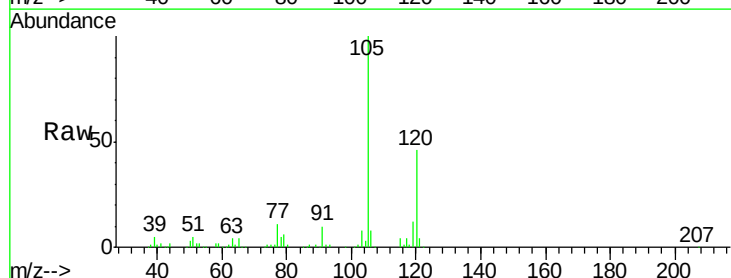
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

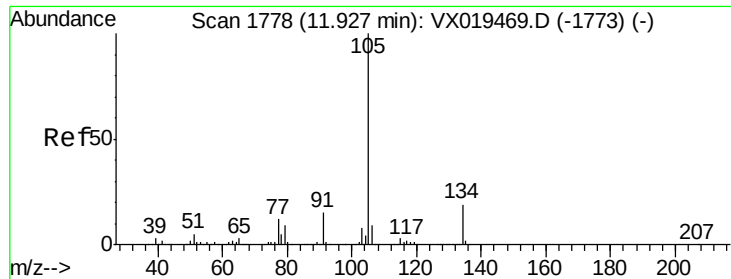
Tgt Ion:119 Resp: 55933
Ion Ratio Lower Upper
119 100
91 58.9 0.0 117.0
134 23.5 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 4.806 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion:105 Resp: 58249
Ion Ratio Lower Upper
105 100
120 45.0 0.0 91.2

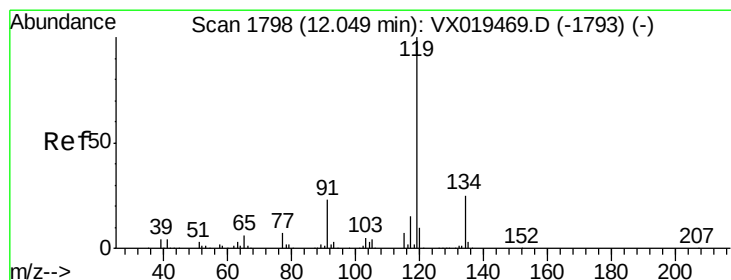
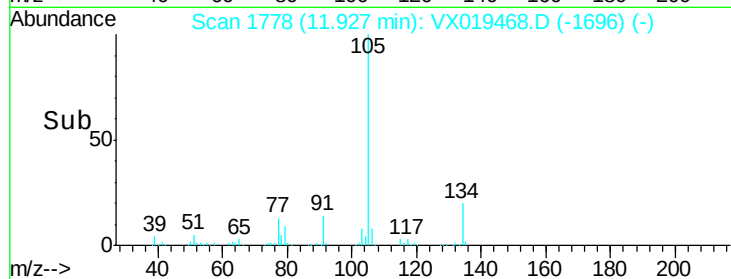
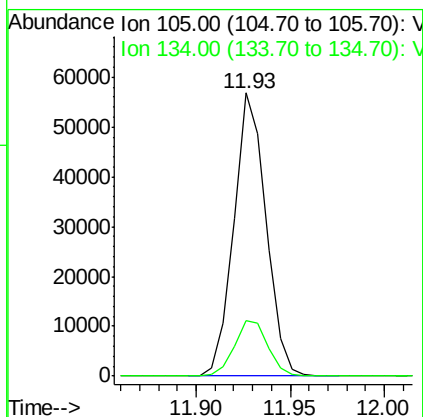
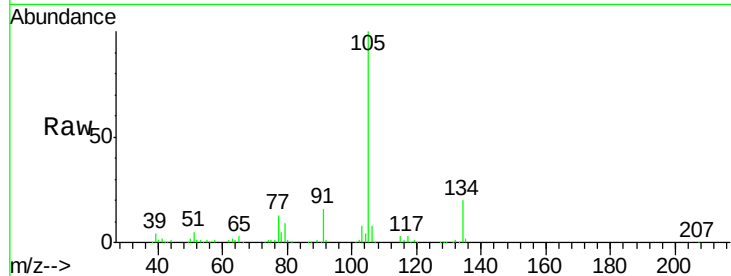




#81
 sec-Butylbenzene
 Concen: 4.755 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

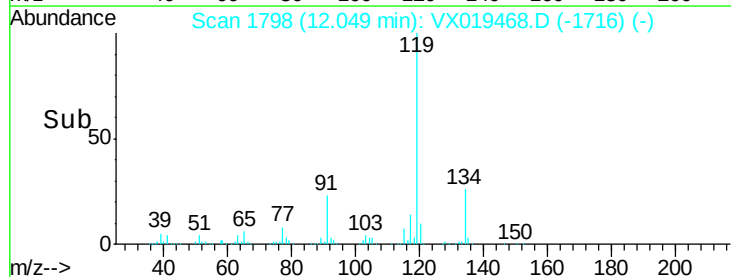
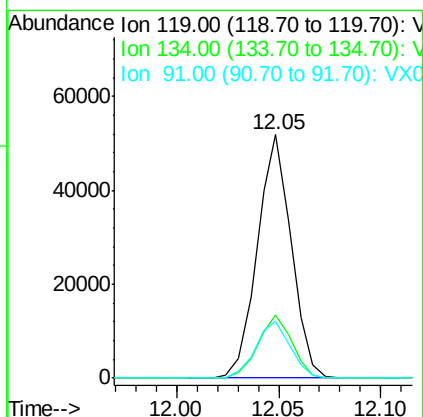
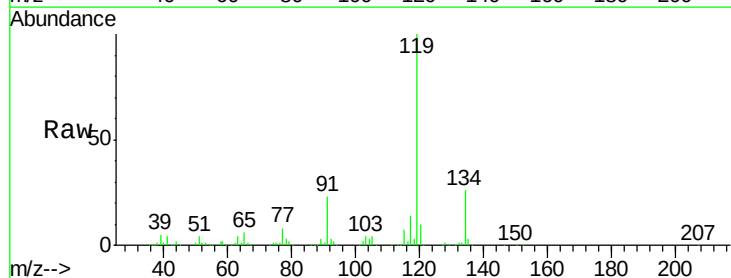
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

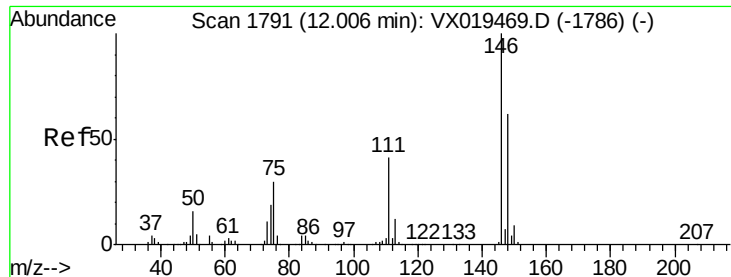
Tgt Ion:105 Resp: 67471
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 39.2



#82
 p-Isopropyltoluene
 Concen: 4.606 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion:119 Resp: 59982
 Ion Ratio Lower Upper
 119 100
 134 26.1 0.0 51.8
 91 23.9 0.0 47.6

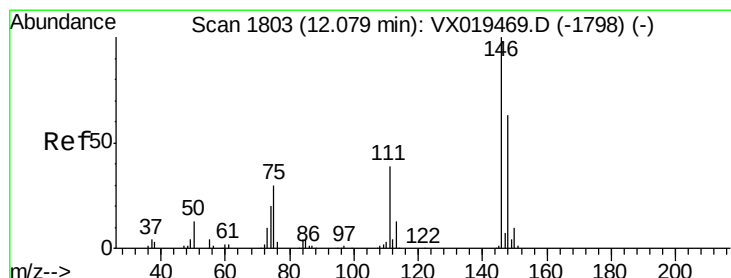
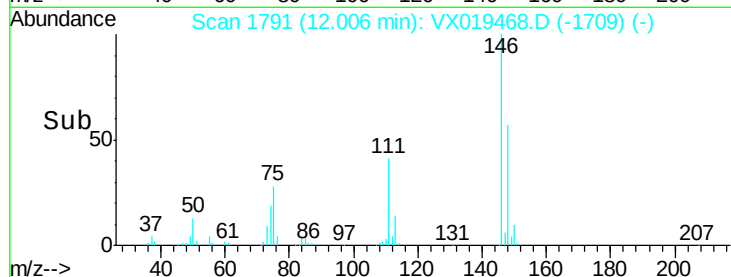
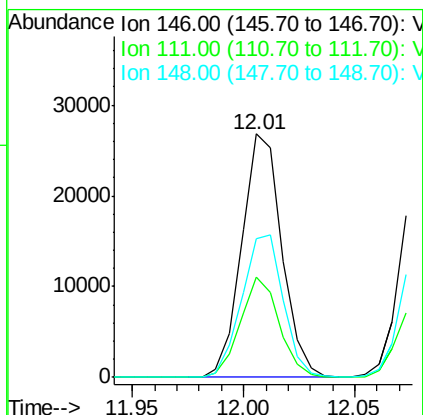
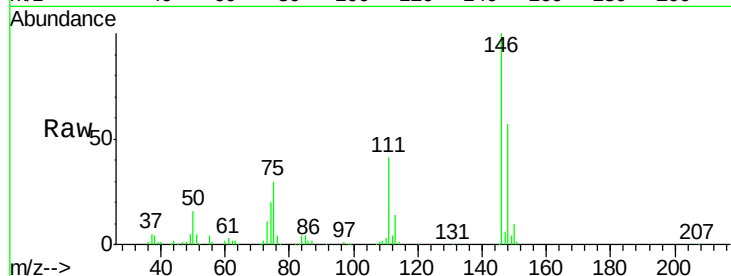




#83
 1,3-Dichlorobenzene
 Concen: 5.119 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

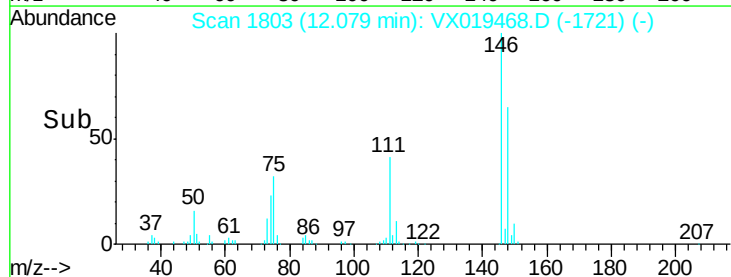
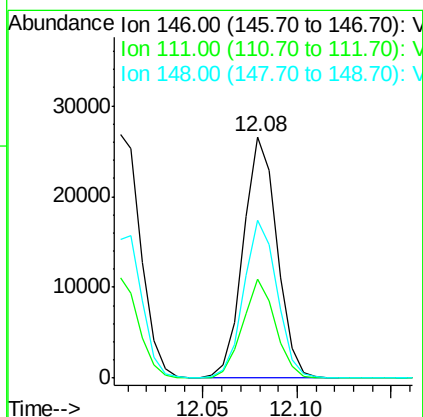
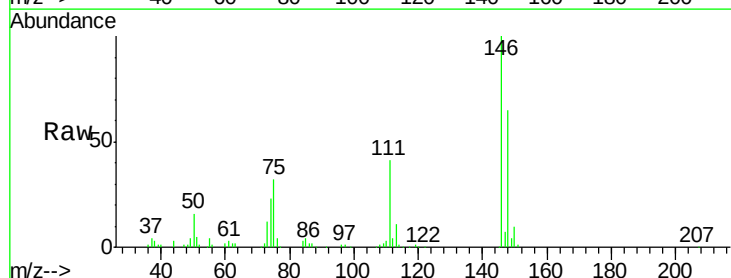
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

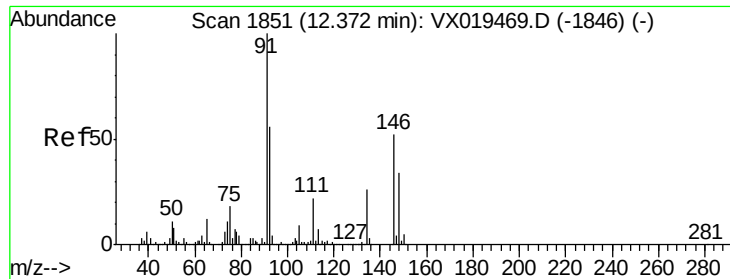
Tgt Ion:146 Resp: 33741
 Ion Ratio Lower Upper
 146 100
 111 39.9 20.0 60.0
 148 60.5 31.4 94.0



#84
 1,4-Dichlorobenzene
 Concen: 4.944 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion:146 Resp: 33070
 Ion Ratio Lower Upper
 146 100
 111 39.6 19.3 57.9
 148 64.6 31.4 94.2





#85

n-Butylbenzene

Concen: 4.536 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019468.D

Acq: 19 Nov 2020 16:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

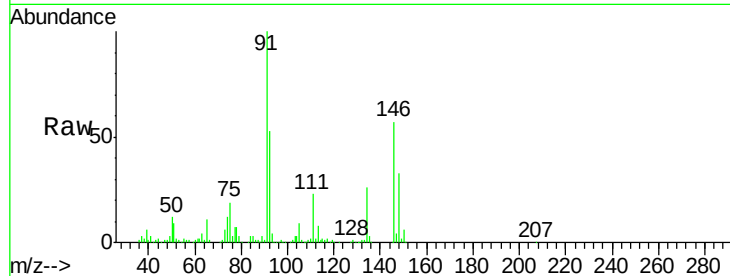
Tgt Ion: 91 Resp: 52782

Ion Ratio Lower Upper

91 100

92 53.1 0.0 111.2

134 25.7 0.0 51.2

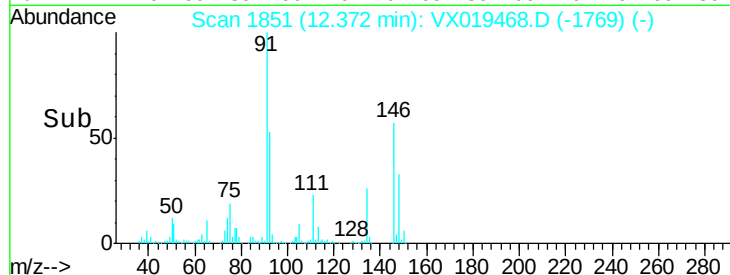


Abundance Ion 91.00 (90.70 to 91.70): VX019468.D (-1846) (-)

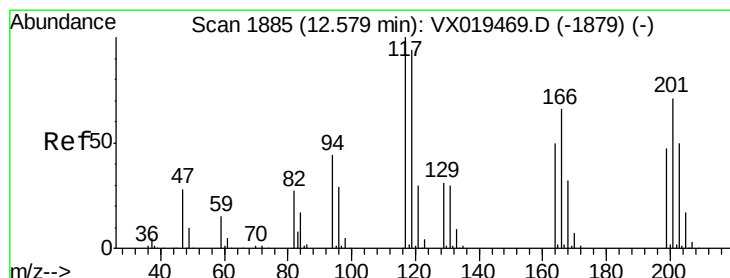
Ion 92.00 (91.70 to 92.70): VX019468.D (-1846) (-)

Ion 134.00 (133.70 to 134.70): VX019468.D (-1846) (-)

Time-->



Time-->



#86

Hexachloroethane

Concen: 4.508 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019468.D

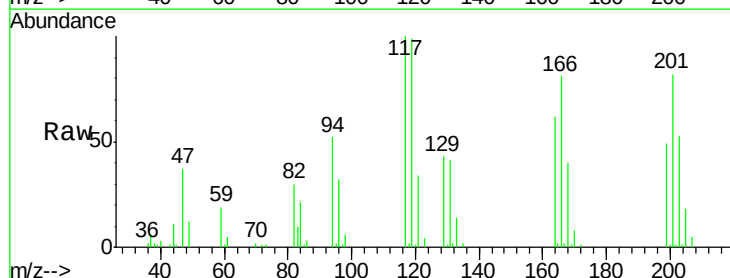
Acq: 19 Nov 2020 16:02

Tgt Ion: 117 Resp: 9182

Ion Ratio Lower Upper

117 100

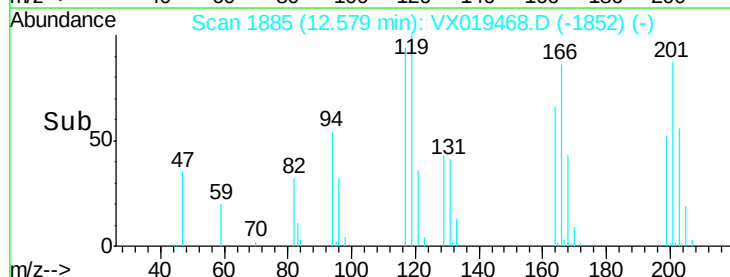
201 76.2 38.4 115.1



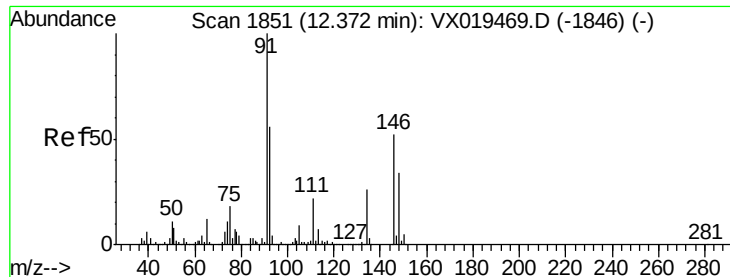
Abundance Ion 117.00 (116.70 to 117.70): VX019468.D (-1879) (-)

Ion 201.00 (200.70 to 201.70): VX019468.D (-1879) (-)

Time-->



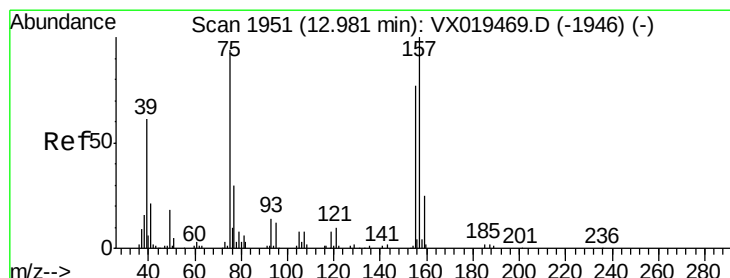
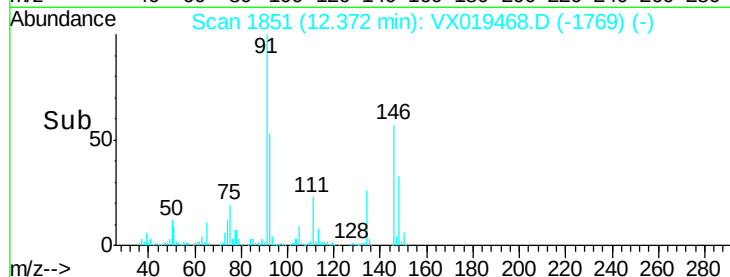
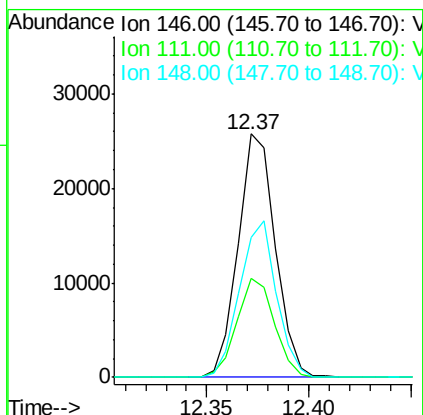
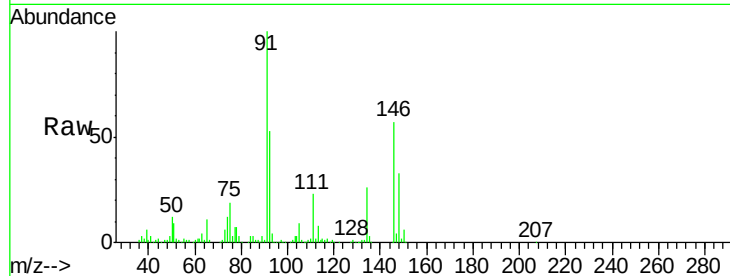
Time-->



#87
 1,2-Dichlorobenzene
 Concen: 5.133 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

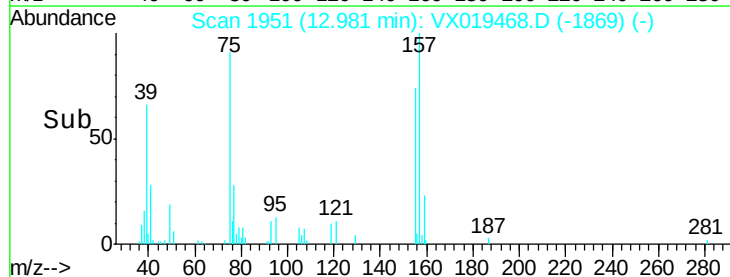
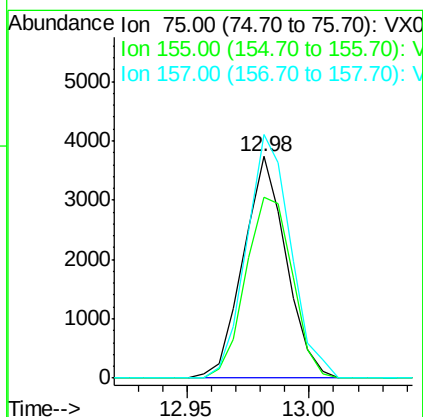
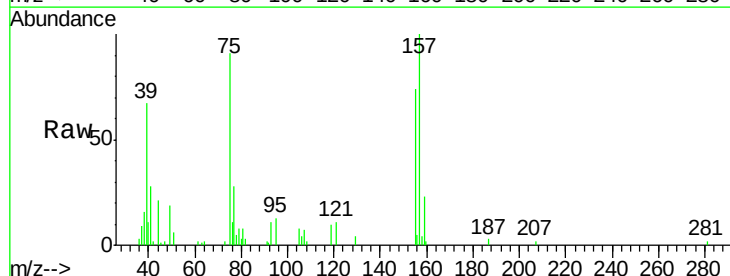
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

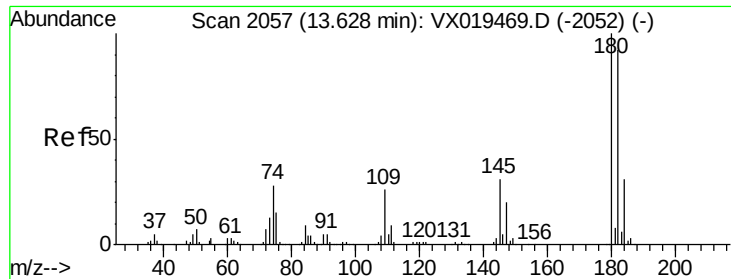
Tgt Ion:146 Resp: 32565
 Ion Ratio Lower Upper
 146 100
 111 41.3 20.5 61.6
 148 64.3 31.5 94.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 4.665 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion: 75 Resp: 4576
 Ion Ratio Lower Upper
 75 100
 155 88.7 68.6 103.0
 157 113.2 90.0 135.0

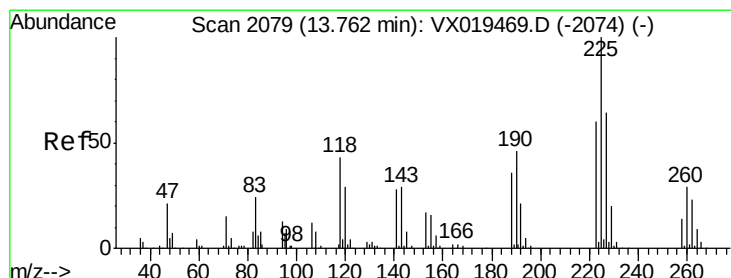
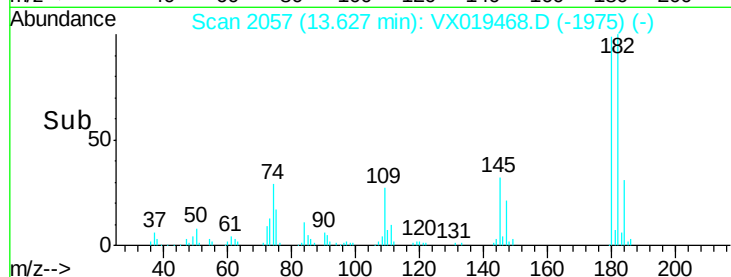
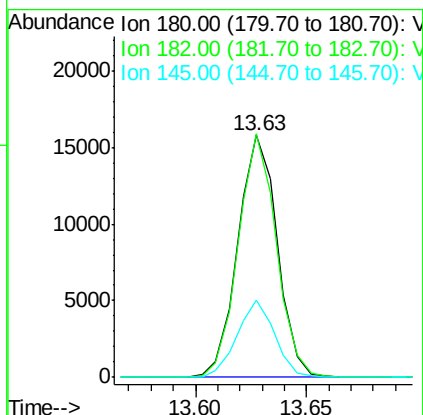
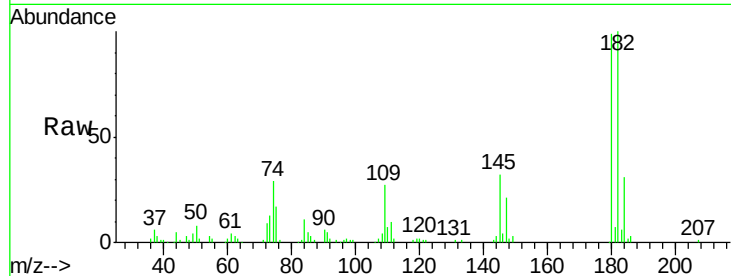




#89
 1,2,4-Trichlorobenzene
 Concen: 4.351 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

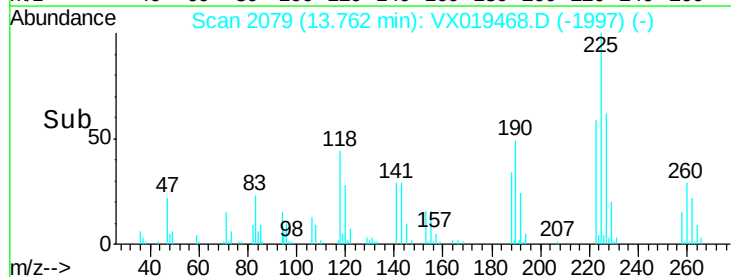
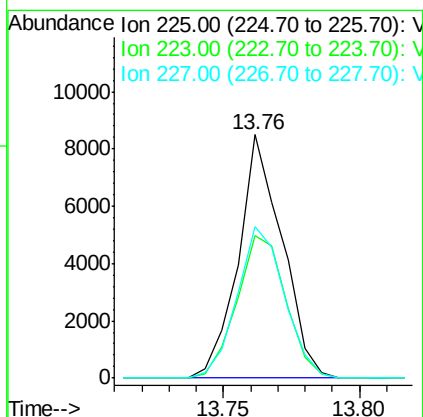
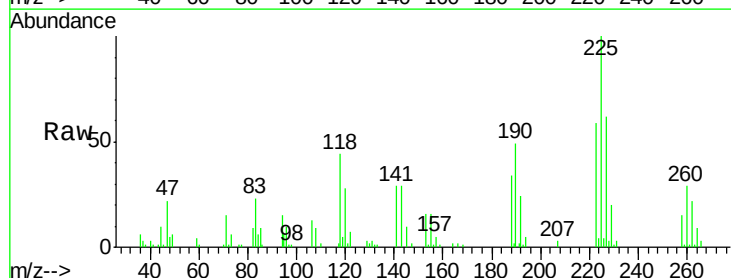
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

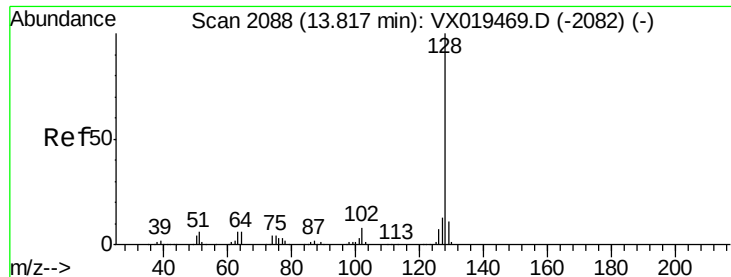
Tgt Ion:180 Resp: 19421
 Ion Ratio Lower Upper
 180 100
 182 97.5 76.1 114.1
 145 30.5 24.7 37.1



#90
 Hexachlorobutadiene
 Concen: 4.877 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.00 min
 Lab File: VX019468.D
 Acq: 19 Nov 2020 16:02

Tgt Ion:225 Resp: 9499
 Ion Ratio Lower Upper
 225 100
 223 65.5 0.0 119.2
 227 67.1 0.0 126.4

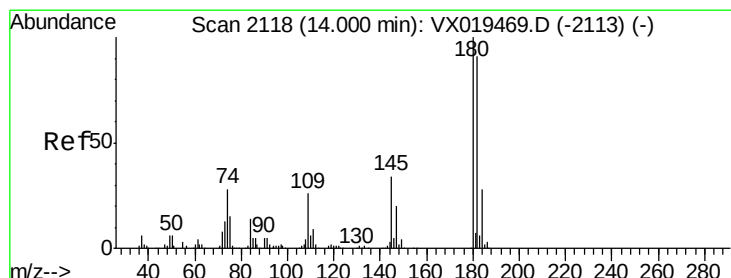
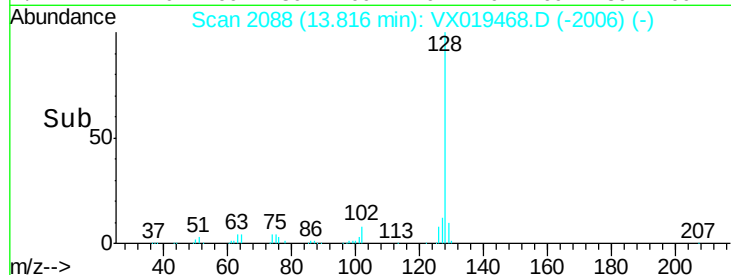
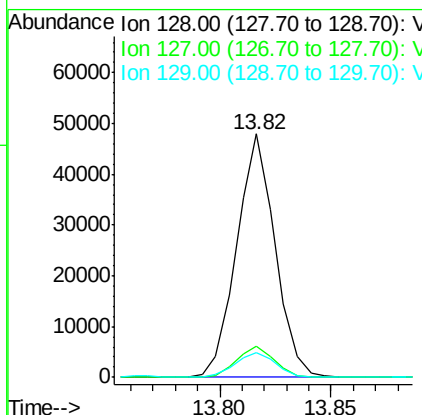
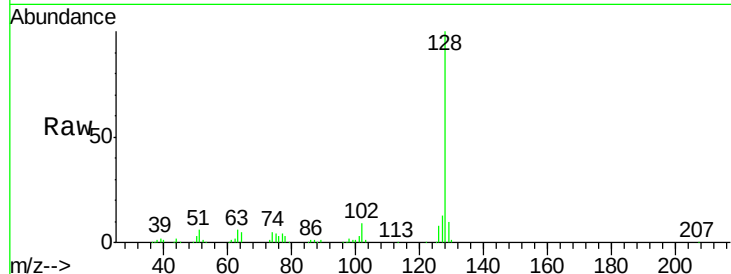




#91
Naphthalene
Concen: 3.948 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 57407
Ion Ratio Lower Upper
128 100
127 12.6 10.1 15.1
129 10.6 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 4.481 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019468.D
Acq: 19 Nov 2020 16:02

Tgt Ion:180 Resp: 19437
Ion Ratio Lower Upper
180 100
182 99.1 0.0 192.2
145 32.5 0.0 63.6

