

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112020\
 Data File : VX019470.D
 Acq On : 19 Nov 2020 16:58
 Operator : JC/MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Quant Time: Nov 19 17:26:17 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	4.98	128	48068	30.00	ug/l	0.01
28) 1,4-Difluorobenzene	6.83	114	259466	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	244153	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	101499	31.33	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.43%
60) 4-Bromofluorobenzene	11.12	95	121374	32.55	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	108.50%
63) Toluene-d8	8.70	98	323402	30.00	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	132037	51.797 ug/l	98
3) Chloromethane	1.31	50	149130	62.102 ug/l	97
4) Vinyl Chloride	1.39	62	159387	52.968 ug/l	97
5) Bromomethane	1.62	94	62834	31.839 ug/l	99
6) Chloroethane	1.69	64	47944	25.979 ug/l	97
7) Trichlorofluoromethane	1.90	101	229386	45.387 ug/l	98
8) Diethyl Ether	2.17	74	92865	48.527 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	127291	51.237 ug/l	97
10) 1,1-Dichloroethene	2.35	96	128906	51.089 ug/l	98
11) Methyl Iodide	2.48	142	174104	67.852 ug/l	98
12) Methyl Acetate	2.75	43	155099	59.694 ug/l	98
13) Acrolein	2.28	56	114510	410.534 ug/l	99
14) Acrylonitrile	3.12	53	387373	313.901 ug/l	100
15) Acetone	2.43	58	110002	306.612 ug/l	95
16) Carbon Disulfide	2.54	76	340337	49.419 ug/l	99
17) Allyl chloride	2.70	41	195996	60.051 ug/l	98
18) Methylene Chloride	2.83	84	156071	53.412 ug/l	96
19) trans-1,2-Dichloroethene	3.14	96	144618	49.723 ug/l	95
20) Diisopropyl ether	3.82	45	423488	62.950 ug/l	97
21) 1,1-Dichloroethane	3.67	63	254044	53.698 ug/l	100
22) cis-1,2-Dichloroethene	4.56	96	167386	49.658 ug/l	98
23) tert-Butyl Alcohol	3.04	59	164369	276.326 ug/l	100
24) Methyl tert-Butyl Ether	3.17	73	448043	55.394 ug/l	100
25) Chloroform	5.17	83	269977	51.975 ug/l	99
26) Cyclohexane	5.54	56	218622	58.316 ug/l	# 98
29) 1,1-Dichloropropene	5.76	75	197862	52.055 ug/l	98
30) 2-Butanone	4.64	43	508183	315.083 ug/l	99
31) 2,2-Dichloropropane	4.54	77	220944	50.806 ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	230417	50.535 ug/l	99
33) Carbon Tetrachloride	5.75	117	199437	50.544 ug/l	97
34) Benzene	6.11	78	613826	53.959 ug/l	99
35) Methacrylonitrile	5.00	41	102343	60.132 ug/l	96
36) 1,2-Dichloroethane	6.16	62	210921	53.879 ug/l	100
37) Trichloroethene	7.18	130	161677	50.195 ug/l	99
38) Methylcyclohexane	7.44	83	238664	55.077 ug/l	99
39) 1,2-Dichloropropane	7.49	63	150809	56.008 ug/l	99
40) Dibromomethane	7.63	93	106077	51.908 ug/l	98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.87	83	210671	52.560	ug/l	99
42) Vinyl Acetate	3.78	43	1833850	300.813	ug/l	99
43) Ethyl Acetate	4.79	43	192283	58.455	ug/l	99
44) Isopropyl Acetate	6.41	43	314185	57.334	ug/l	99
45) 1,4-Dioxane	7.72	88	70940	1217.815	ug/l	98
46) Methyl methacrylate	7.74	41	156620	60.305	ug/l	98
47) n-amyl Acetate	10.88	43	273313	61.903	ug/l	98
48) t-1,3-Dichloropropene	9.02	75	232747	52.224	ug/l	98
49) cis-1,3-Dichloropropene	8.42	75	254342	53.322	ug/l	99
50) 1,1,2-Trichloroethane	9.20	97	160111	53.483	ug/l	93
51) Ethyl methacrylate	9.16	69	235349	54.877	ug/l	99
52) 1,3-Dichloropropane	9.35	76	269775	55.373	ug/l	99
53) Dibromochloromethane	9.56	129	164569	50.597	ug/l	98
54) 1,2-Dibromoethane	9.65	107	168736	52.591	ug/l	100
55) 2-Chloroethyl vinyl ether	8.29	63	628545	277.265	ug/l	99
56) Bromoform	10.84	173	117303	51.662	ug/l	98
58) 4-Methyl-2-Pentanone	8.62	43	987650	300.209	ug/l	99
59) 2-Hexanone	9.48	43	764379	310.580	ug/l	100
61) Tetrachloroethene	9.32	164	152517	50.079	ug/l	92
62) Toluene	8.76	91	678895	51.188	ug/l	99
64) Chlorobenzene	10.12	112	416197	50.377	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.20	131	153205	50.951	ug/l	99
66) Ethyl Benzene	10.23	91	758217	52.023	ug/l	98
67) m/p-Xylenes	10.34	106	575000	103.625	ug/l	100
68) o-Xylene	10.68	106	268531	50.745	ug/l	99
69) Styrene	10.70	104	465049	51.997	ug/l	99
70) Isopropylbenzene	11.00	105	727227	50.889	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.25	83	244158	57.522	ug/l	98
72) 1,2,3-Trichloropropane	11.28	75	282614	74.406	ug/l	88
73) Bromobenzene	11.24	156	176390	50.442	ug/l	98
74) n-propylbenzene	11.34	91	856661	52.915	ug/l	99
75) 2-Chlorotoluene	11.40	91	504485	54.192	ug/l	100
76) 1,3,5-Trimethylbenzene	11.49	105	627084	53.775	ug/l	98
77) t-1,4-Dichloro-2-butene	11.05	75	78143	53.768	ug/l	98
78) 4-Chlorotoluene	11.49	91	594374	54.524	ug/l	100
79) tert-butylbenzene	11.76	119	596593	52.401	ug/l	99
80) 1,2,4-Trimethylbenzene	11.79	105	633103	54.618	ug/l	98
81) sec-Butylbenzene	11.93	105	712135	52.474	ug/l	99
82) p-Isopropyltoluene	12.05	119	646665	51.928	ug/l	99
83) 1,3-Dichlorobenzene	12.01	146	324036	51.406	ug/l	97
84) 1,4-Dichlorobenzene	12.08	146	335340	52.424	ug/l	99
85) n-Butylbenzene	12.37	91	594595	53.433	ug/l	99
86) Hexachloroethane	12.58	117	108373	55.639	ug/l	97
87) 1,2-Dichlorobenzene	12.38	146	330247	54.425	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.98	75	52082	55.515	ug/l	99
89) 1,2,4-Trichlorobenzene	13.63	180	222687	52.166	ug/l	99
90) Hexachlorobutadiene	13.76	225	95352	51.193	ug/l	94
91) Naphthalene	13.82	128	714383	51.378	ug/l	99
92) 1,2,3-Trichlorobenzene	14.00	180	222025	53.519	ug/l	100

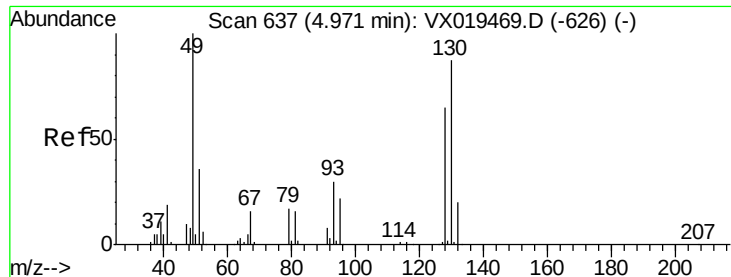
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112020\
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

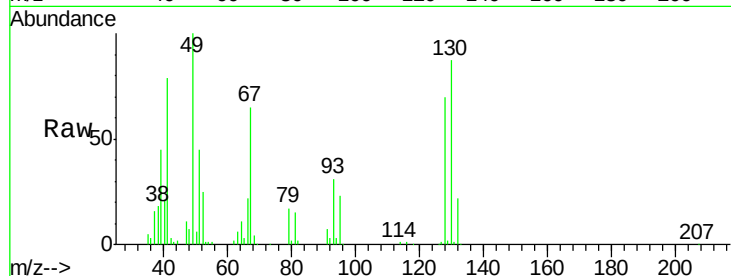
Tgt Ion:128 Resp: 48068

Ion Ratio Lower Upper

128 100

49 149.9 0.0 377.8

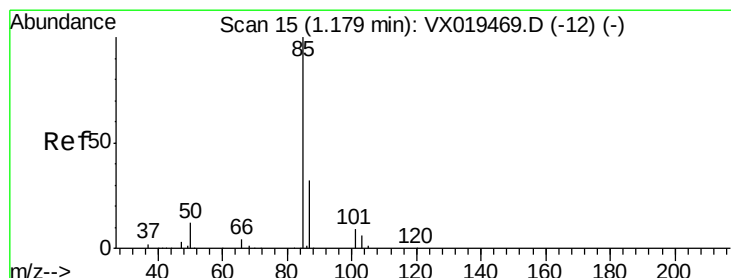
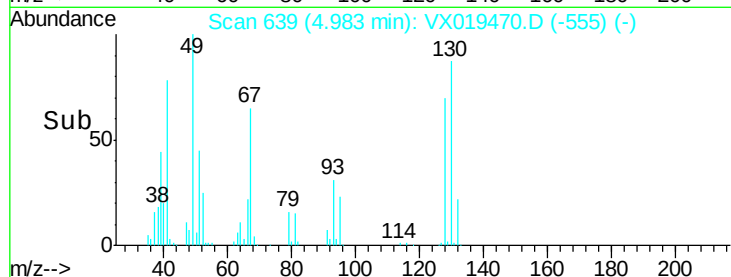
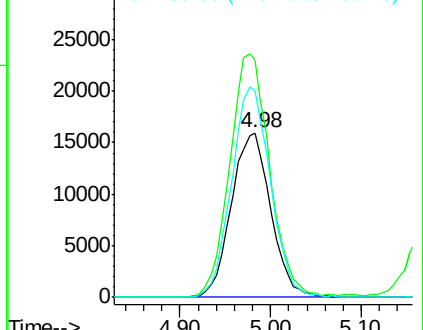
130 126.9 0.0 324.0



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: 51.797 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX019470.D

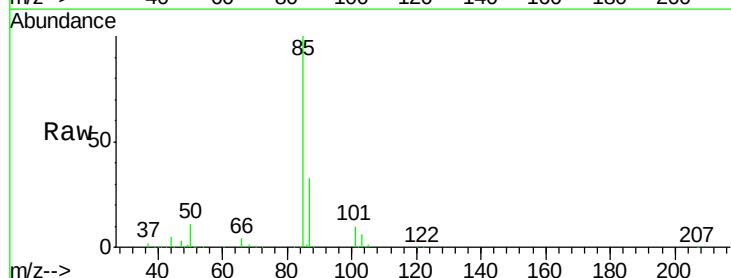
Acq: 19 Nov 2020 16:58

Tgt Ion: 85 Resp: 132037

Ion Ratio Lower Upper

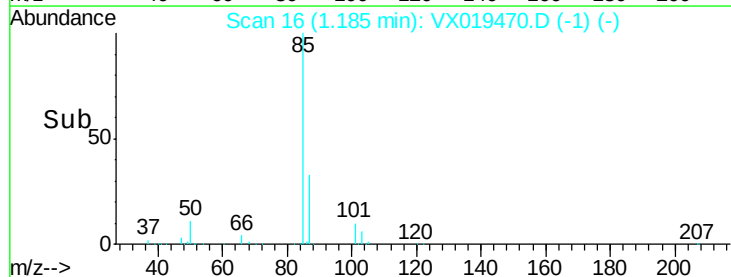
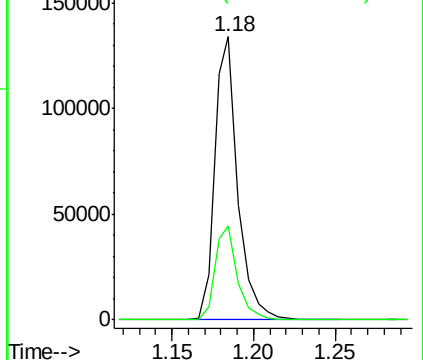
85 100

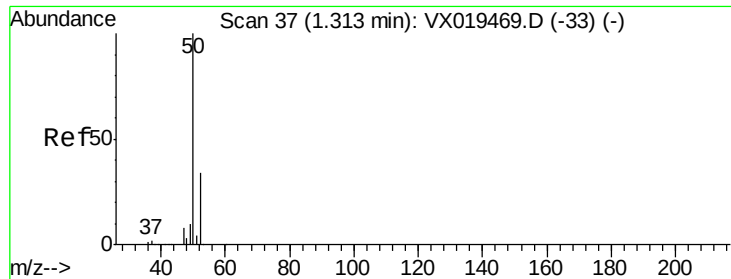
87 33.1 16.0 47.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 62.102 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

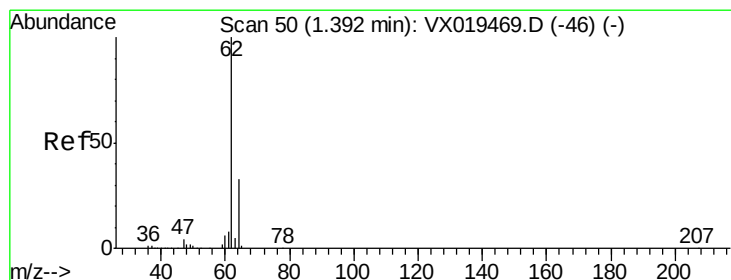
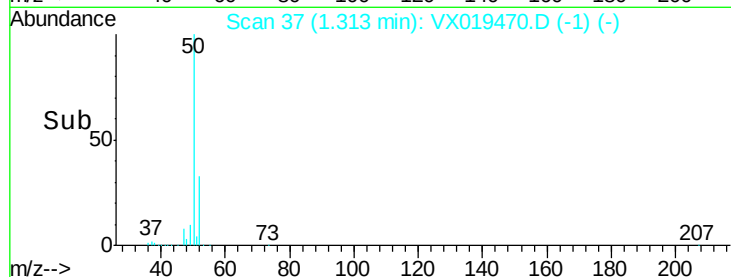
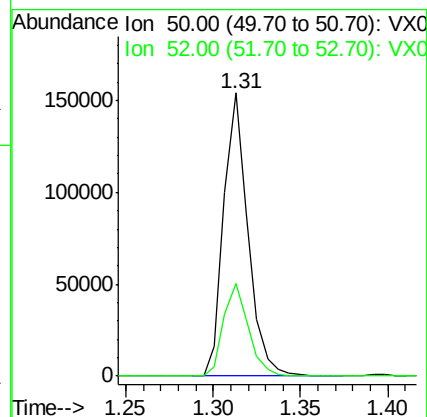
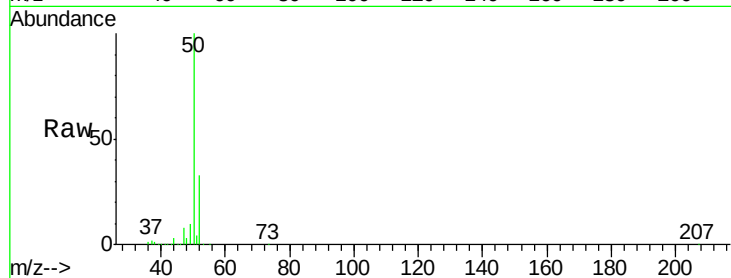
VSTDIC050

Tgt Ion: 50 Resp: 149130

Ion Ratio Lower Upper

50 100

52 32.7 27.5 41.3



#4

Vinyl Chloride

Concen: 52.968 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019470.D

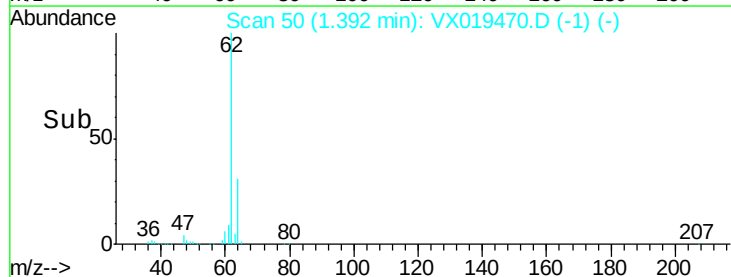
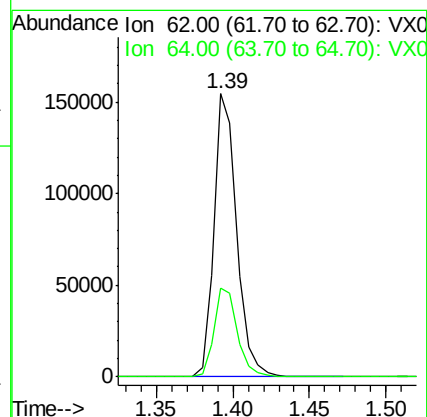
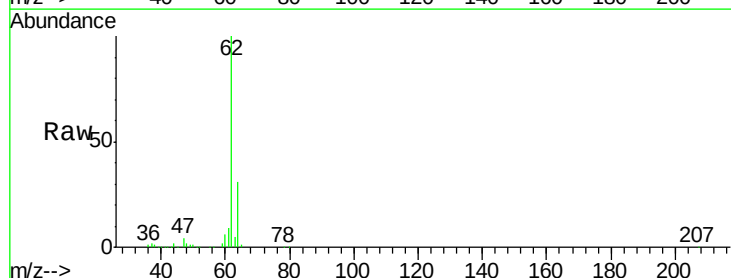
Acq: 19 Nov 2020 16:58

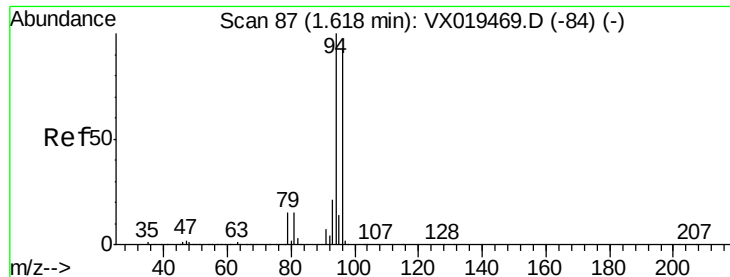
Tgt Ion: 62 Resp: 159387

Ion Ratio Lower Upper

62 100

64 31.4 26.4 39.6





#5

Bromomethane

Concen: 31.839 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

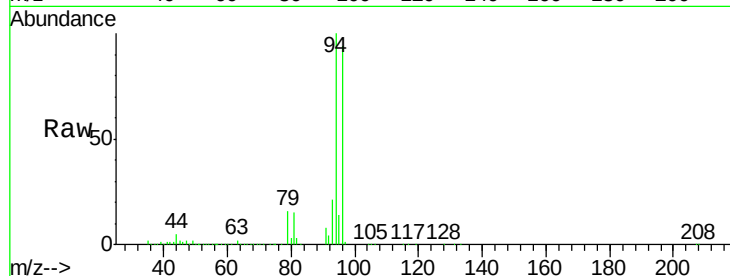
VSTDIC050

Tgt Ion: 94 Resp: 62834

Ion Ratio Lower Upper

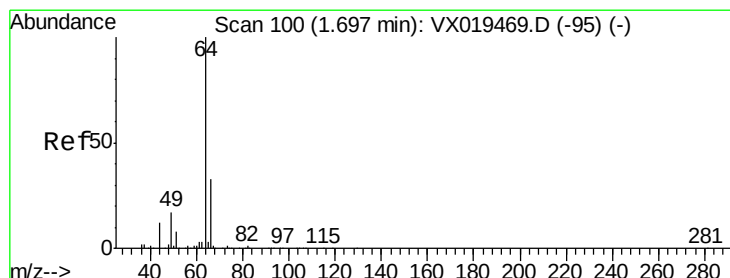
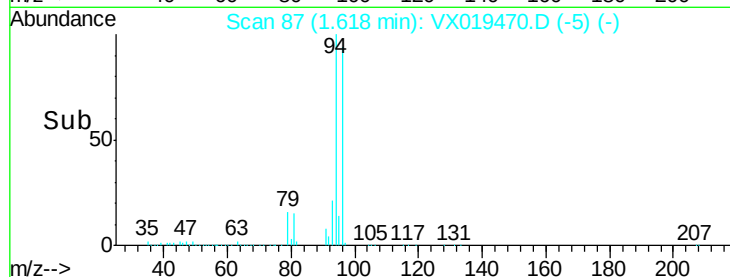
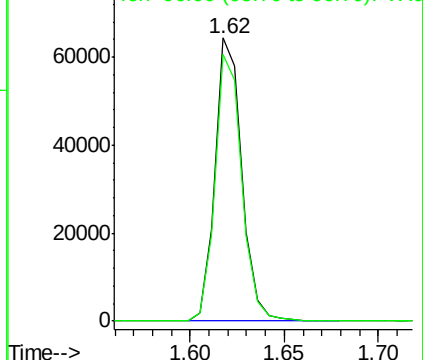
94 100

96 94.2 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: 25.979 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX019470.D

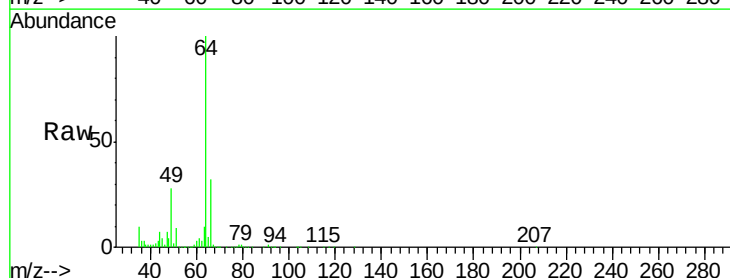
Acq: 19 Nov 2020 16:58

Tgt Ion: 64 Resp: 47944

Ion Ratio Lower Upper

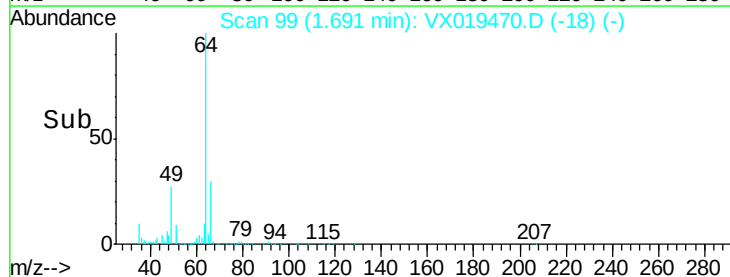
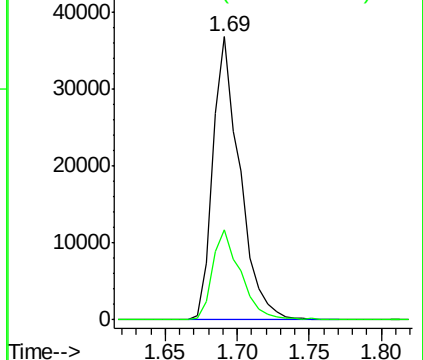
64 100

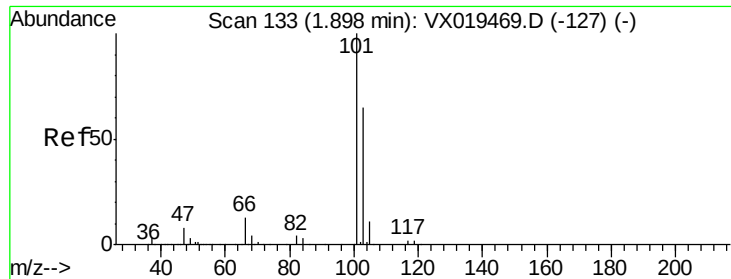
66 31.6 26.6 40.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



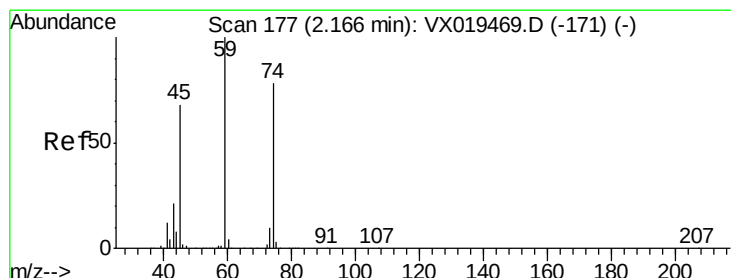
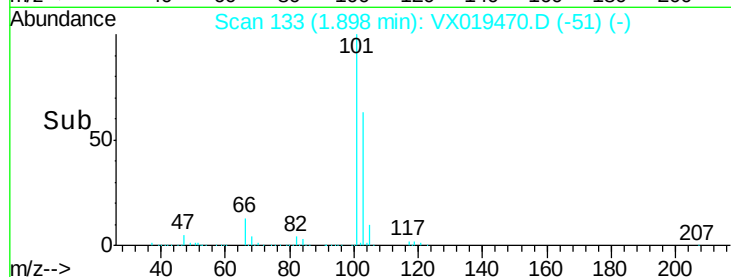
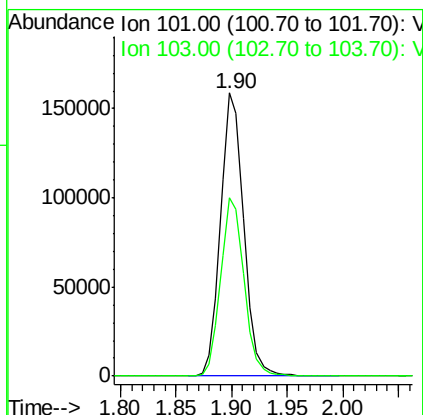
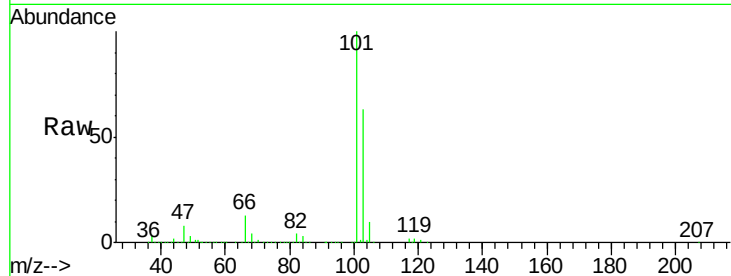


#7

Trichlorofluoromethane
 Concen: 45.387 ug/l
 RT: 1.90 min Scan# 133
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

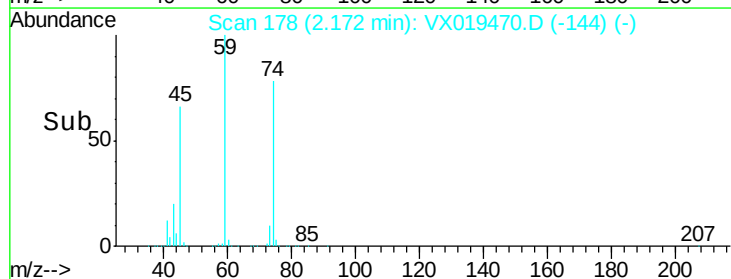
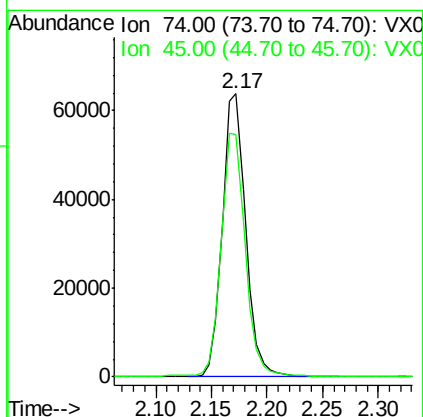
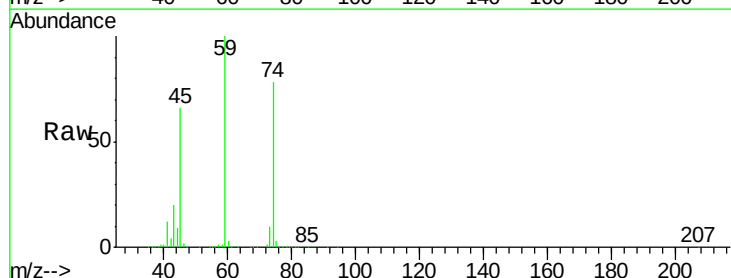
Tgt Ion: 101 Resp: 229386
 Ion Ratio Lower Upper
 101 100
 103 63.1 51.8 77.6

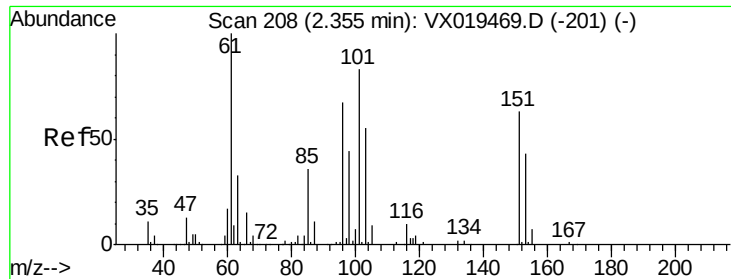


#8

Diethyl Ether
 Concen: 48.527 ug/l
 RT: 2.17 min Scan# 178
 Delta R.T. 0.01 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion: 74 Resp: 92865
 Ion Ratio Lower Upper
 74 100
 45 88.3 17.2 155.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.237 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

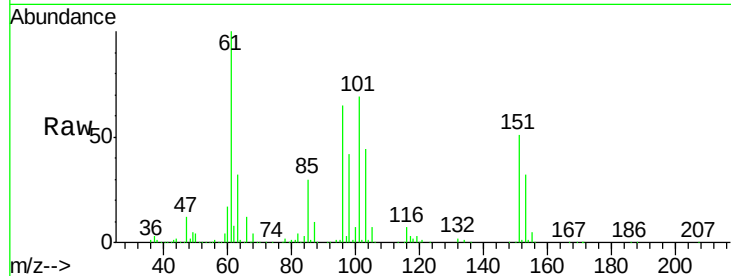
Tgt Ion:101 Resp: 127291

Ion Ratio Lower Upper

101 100

85 43.7 0.0 88.8

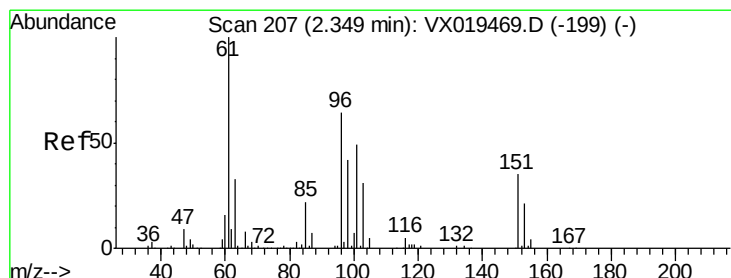
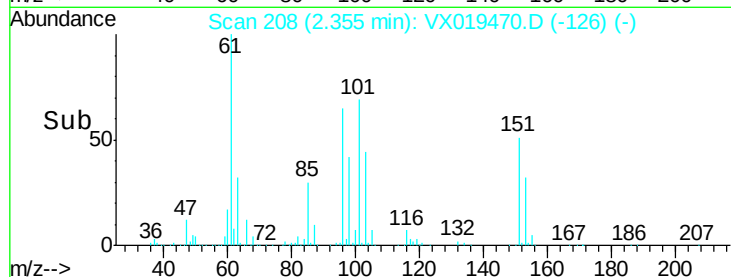
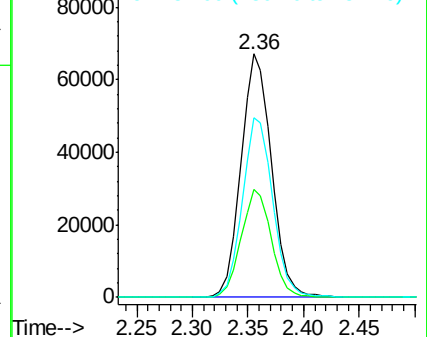
151 73.5 0.0 153.0



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: 51.089 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

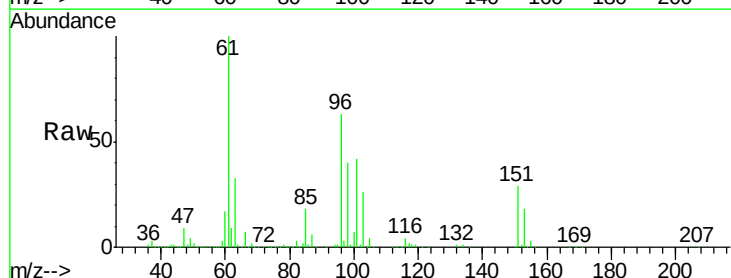
Tgt Ion: 96 Resp: 128906

Ion Ratio Lower Upper

96 100

61 158.4 125.4 188.2

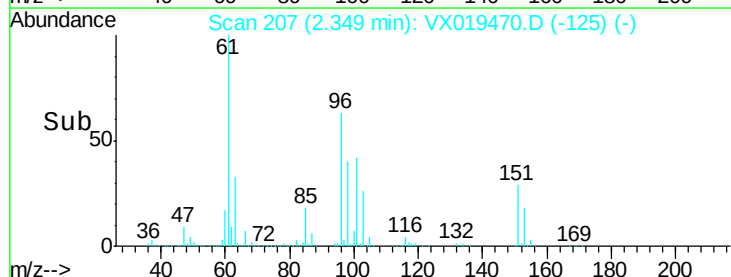
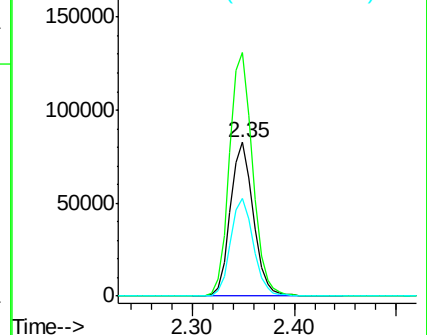
98 63.8 52.4 78.6

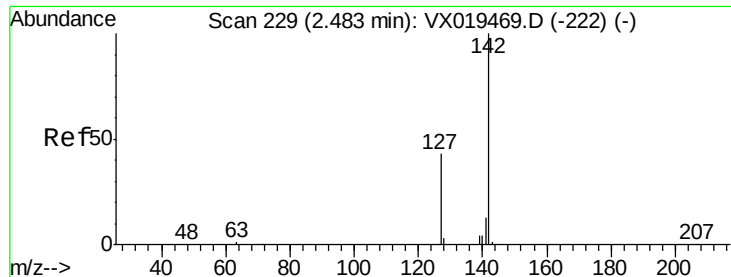


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

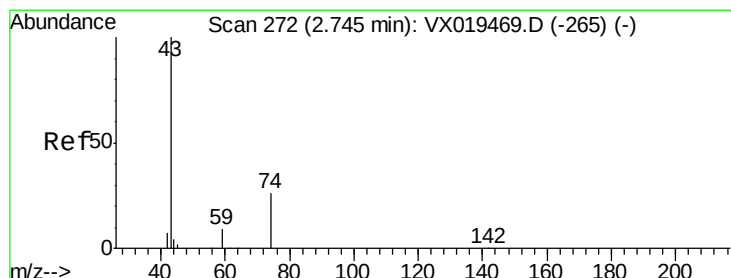
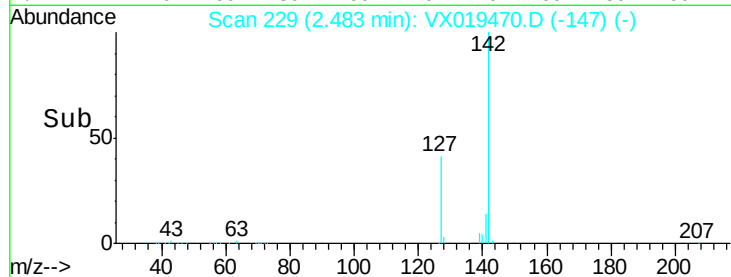
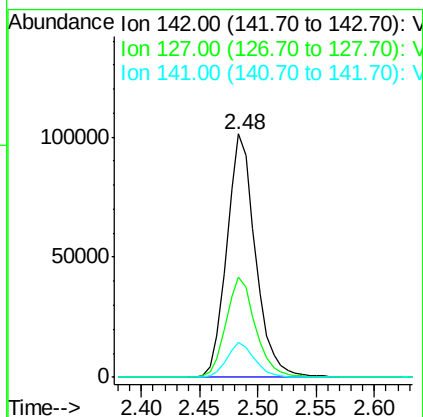
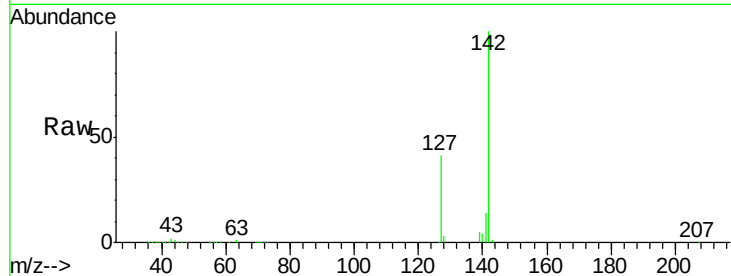




#11
Methyl Iodide
Concen: 67.852 ug/l
RT: 2.48 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

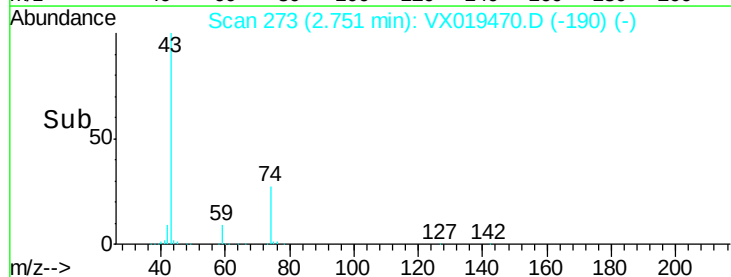
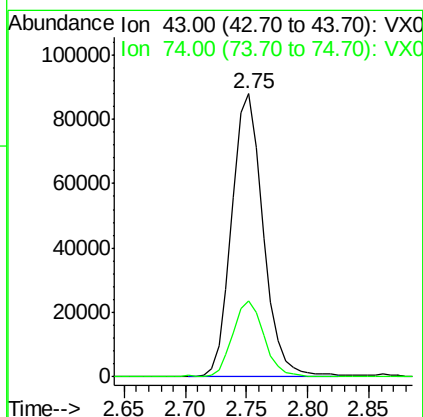
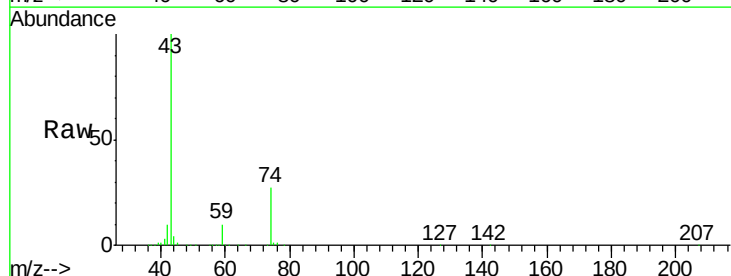
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

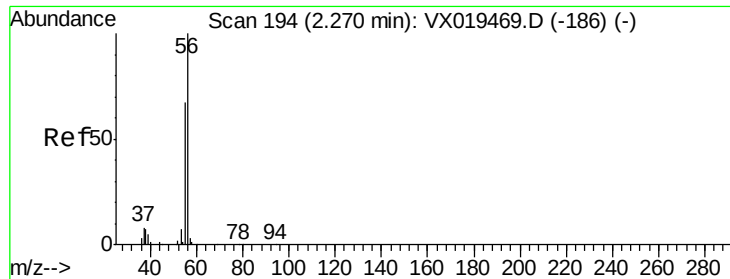
Tgt Ion: 142 Resp: 174104
Ion Ratio Lower Upper
142 100
127 41.3 21.3 64.0
141 14.1 6.7 20.0



#12
Methyl Acetate
Concen: 59.694 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion: 43 Resp: 155099
Ion Ratio Lower Upper
43 100
74 26.8 20.7 31.1

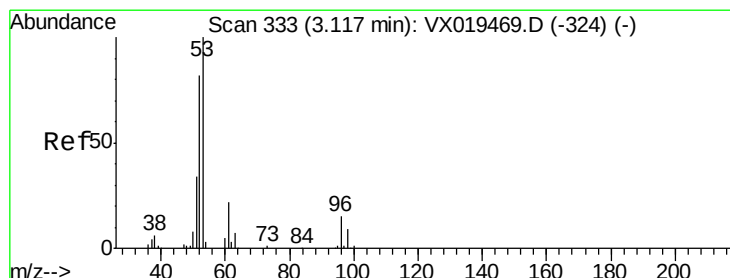
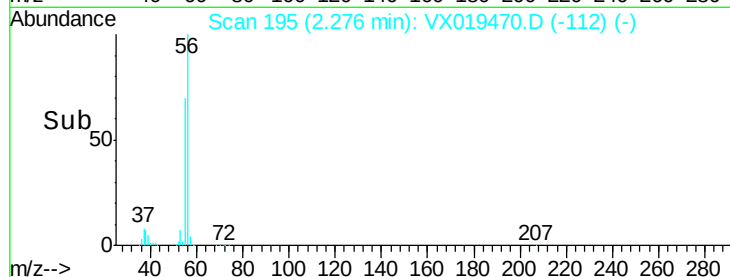
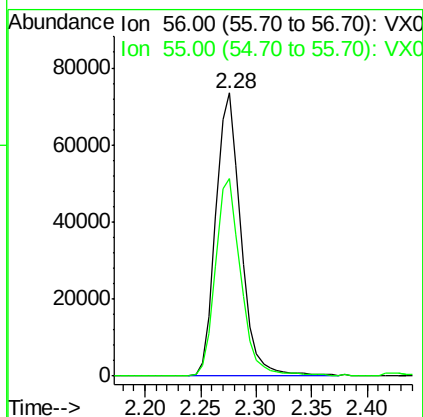
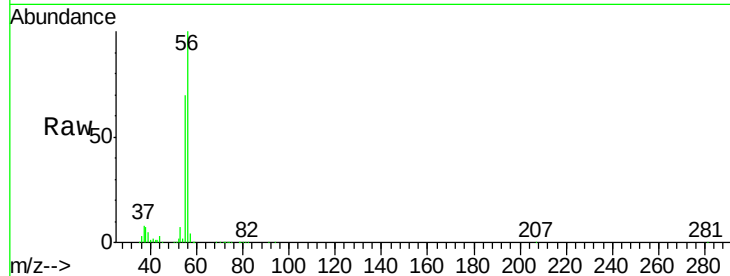




#13
Acrolein
Concen: 410.534 ug/l
RT: 2.28 min Scan# 195
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

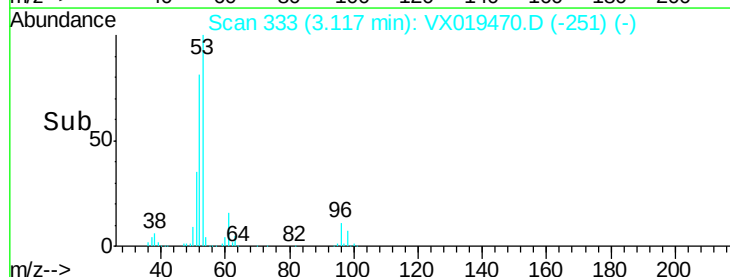
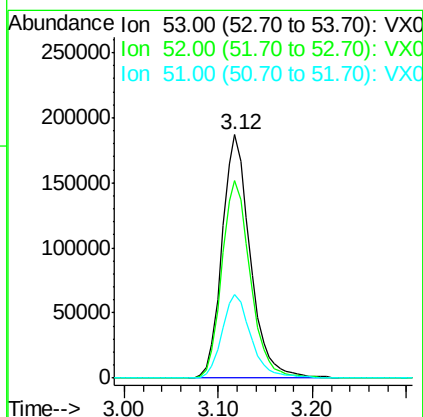
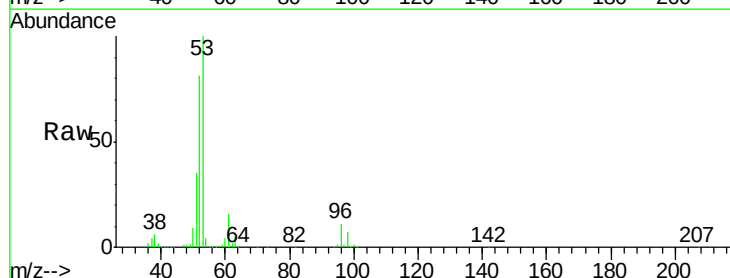
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

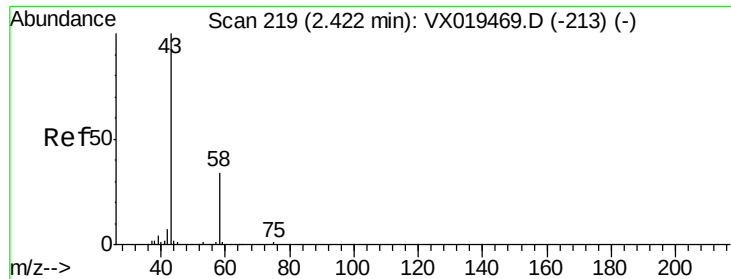
Tgt Ion: 56 Resp: 114510
Ion Ratio Lower Upper
56 100
55 69.7 56.5 84.7



#14
Acrylonitrile
Concen: 313.901 ug/l
RT: 3.12 min Scan# 333
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion: 53 Resp: 387373
Ion Ratio Lower Upper
53 100
52 82.2 41.3 123.7
51 35.3 17.8 53.3





#15

Acetone

Concen: 306.612 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

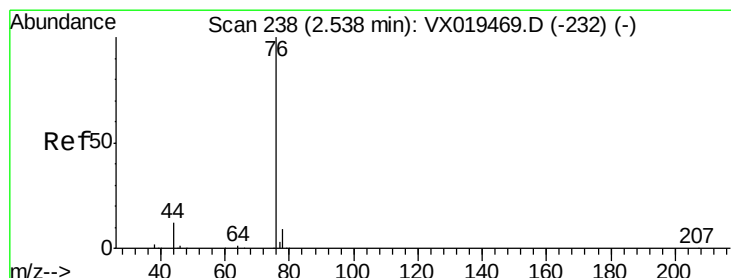
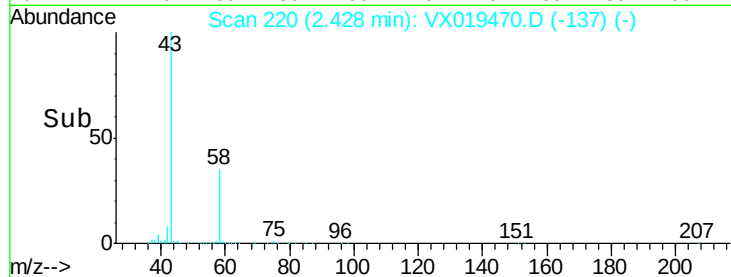
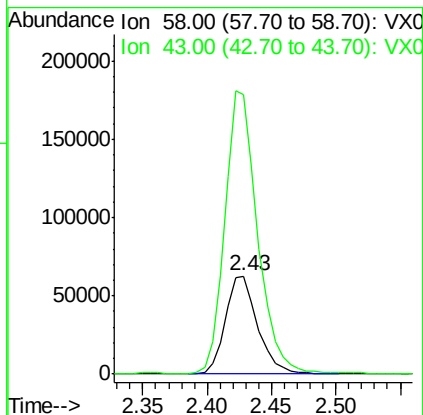
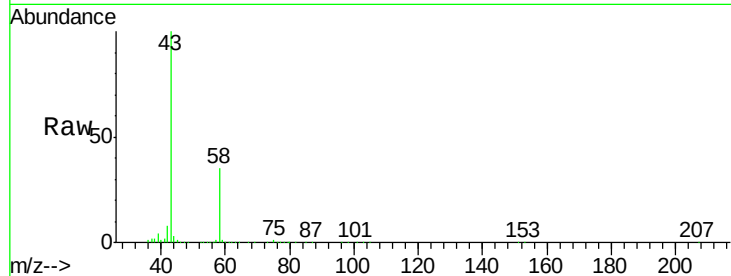
VSTDIC050

Tgt Ion: 58 Resp: 110002

Ion Ratio Lower Upper

58 100

43 284.8 236.3 354.5



#16

Carbon Disulfide

Concen: 49.419 ug/l

RT: 2.54 min Scan# 239

Delta R.T. 0.01 min

Lab File: VX019470.D

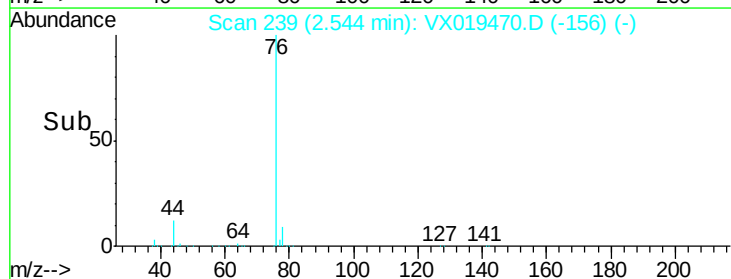
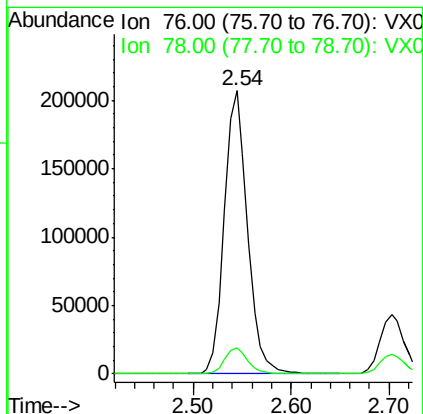
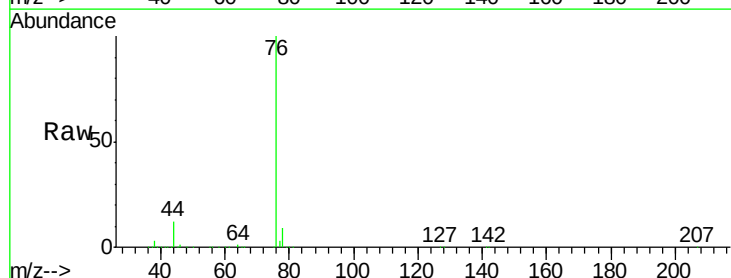
Acq: 19 Nov 2020 16:58

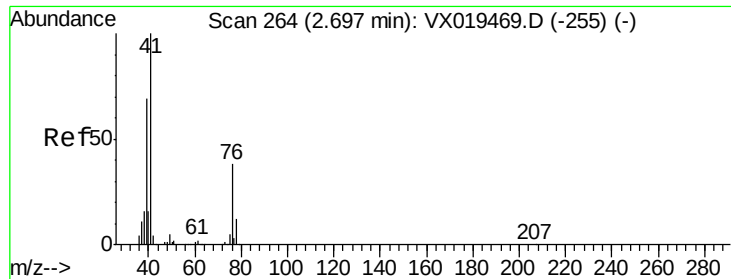
Tgt Ion: 76 Resp: 340337

Ion Ratio Lower Upper

76 100

78 9.3 7.0 10.6

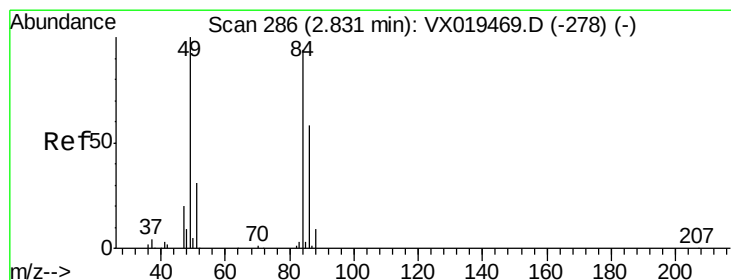
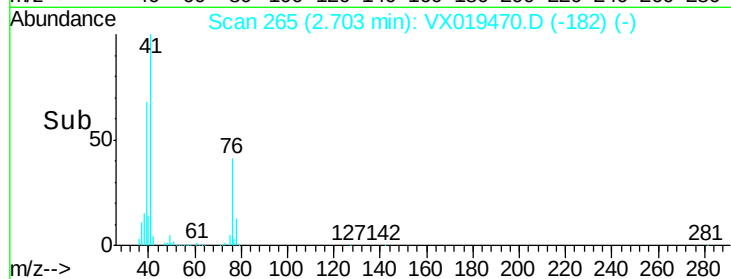
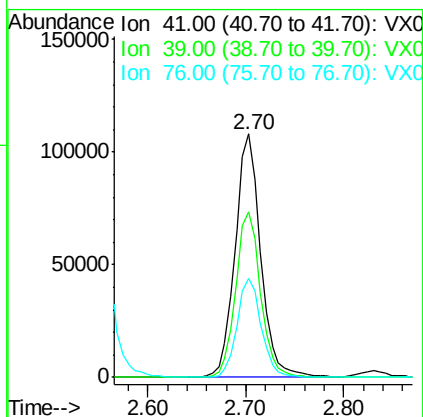
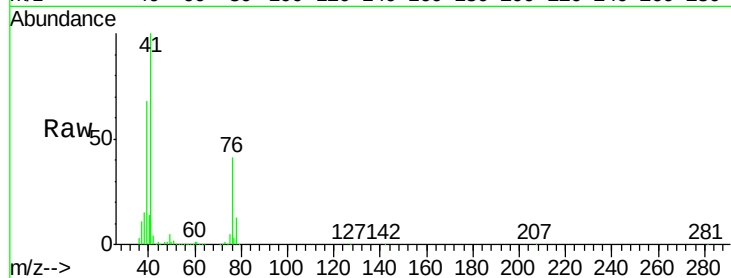




#17
 Allyl chloride
 Concen: 60.051 ug/l
 RT: 2.70 min Scan# 265
 Delta R.T. 0.01 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

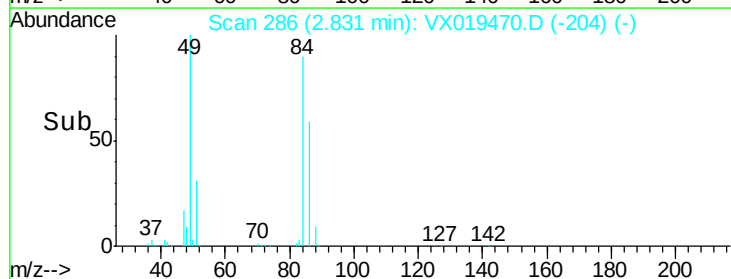
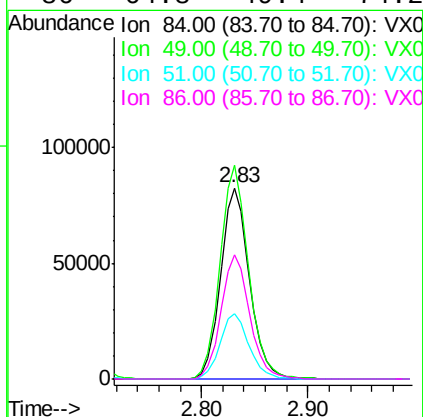
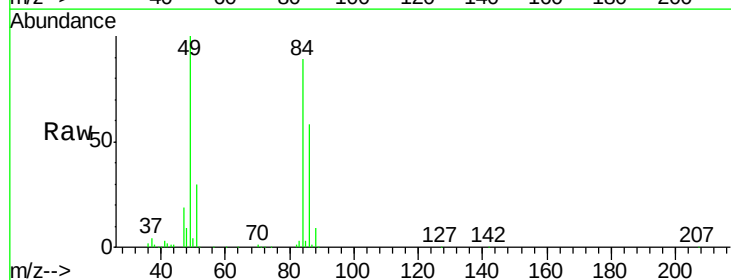
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

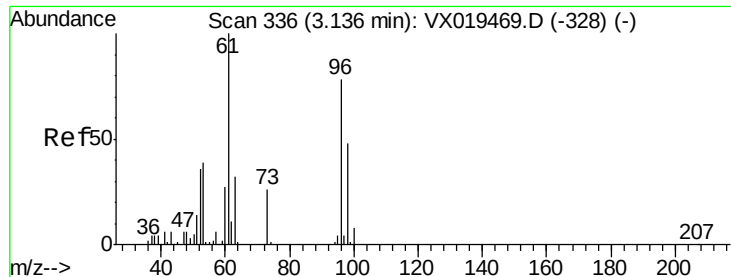
Tgt Ion: 41 Resp: 195996
 Ion Ratio Lower Upper
 41 100
 39 68.0 34.5 103.6
 76 40.5 19.3 57.8



#18
 Methylene Chloride
 Concen: 53.412 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion: 84 Resp: 156071
 Ion Ratio Lower Upper
 84 100
 49 111.6 85.4 128.0
 51 33.8 26.7 40.1
 86 64.8 49.4 74.2





#19

trans-1,2-Dichloroethene

Concen: 49.723 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

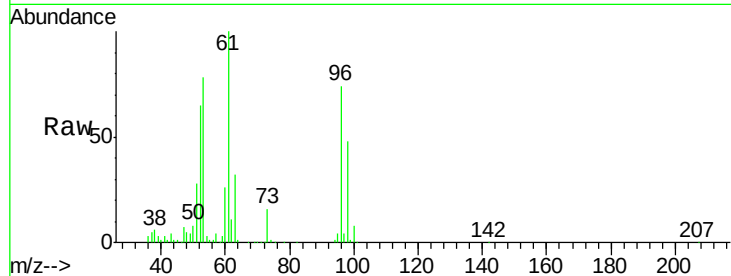
Tgt Ion: 96 Resp: 144618

Ion Ratio Lower Upper

96 100

61 134.6 103.2 154.8

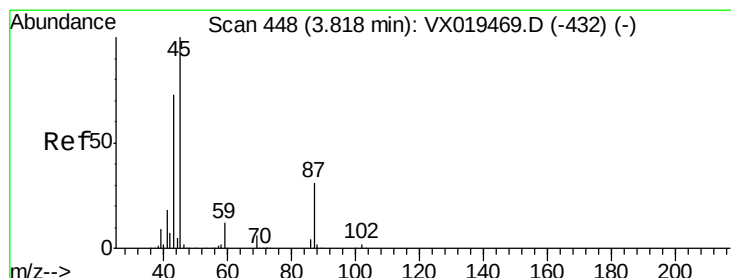
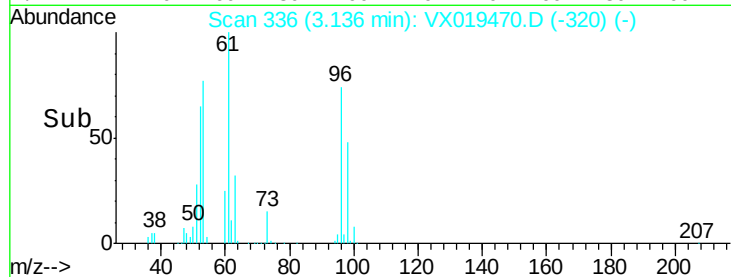
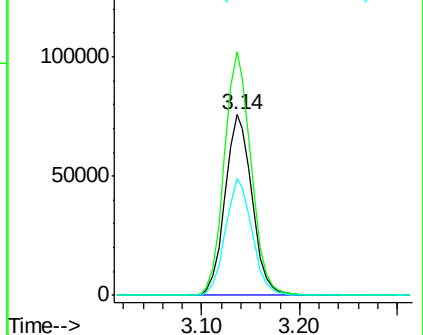
98 64.9 49.2 73.8



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



#20

Diisopropyl ether

Concen: 62.950 ug/l

RT: 3.82 min Scan# 448

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Tgt Ion: 45 Resp: 423488

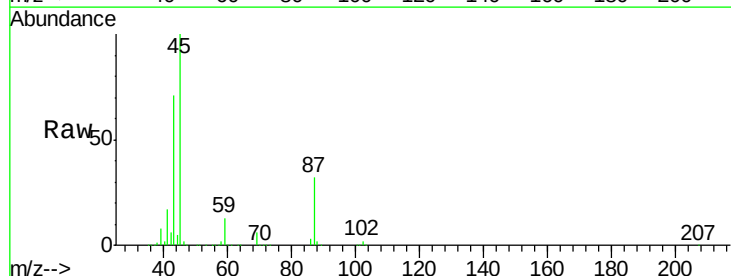
Ion Ratio Lower Upper

45 100

43 70.6 58.7 88.1

87 31.8 24.5 36.7

59 12.9 9.9 14.9

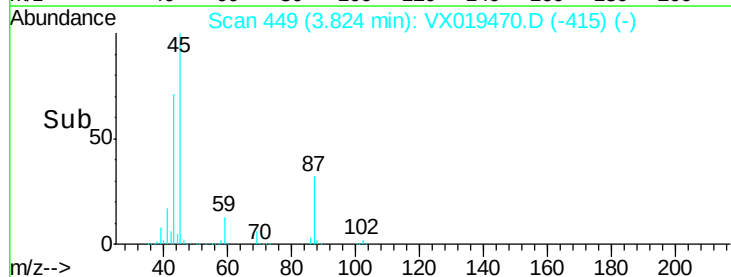
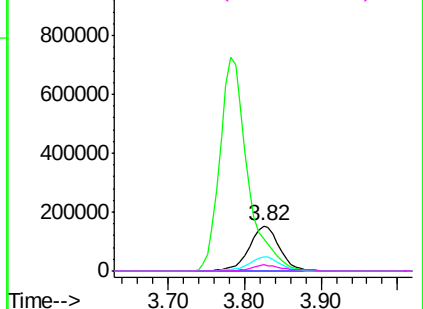


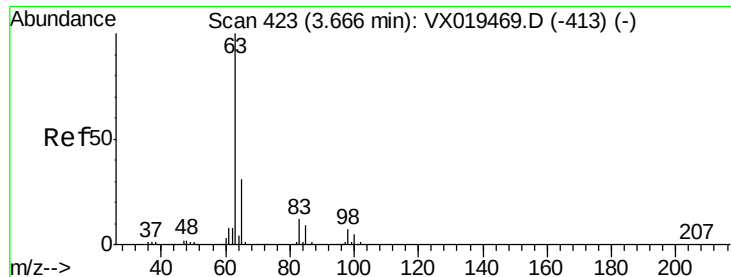
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

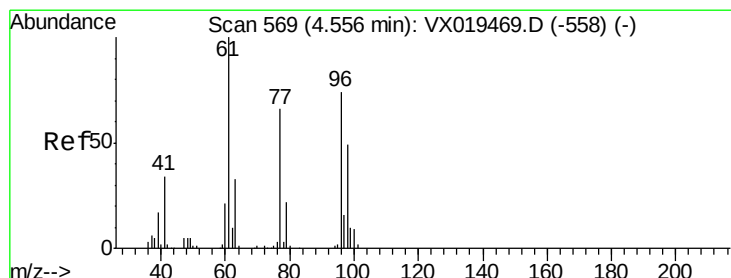
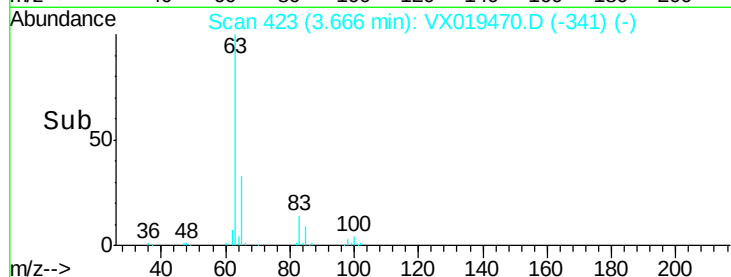
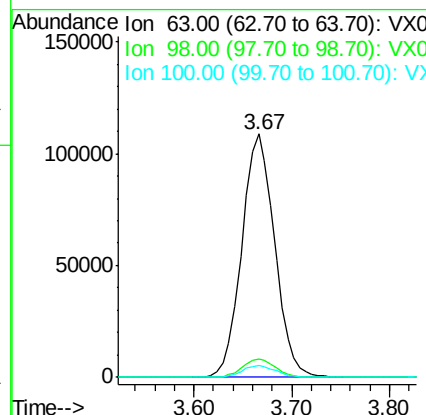
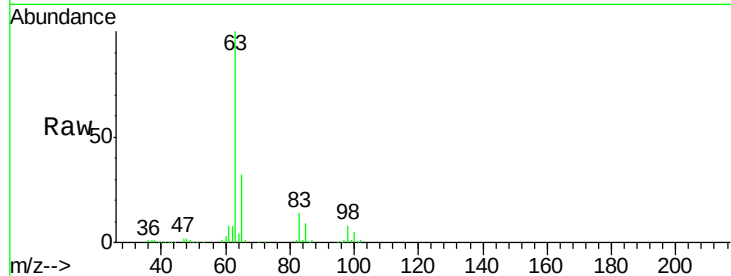




#21
 1,1-Dichloroethane
 Concen: 53.698 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

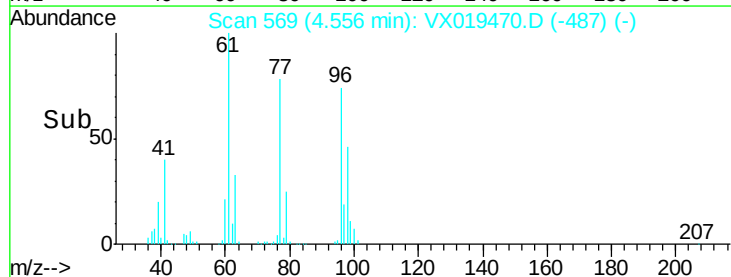
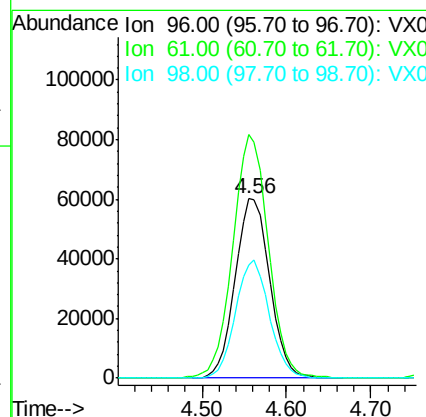
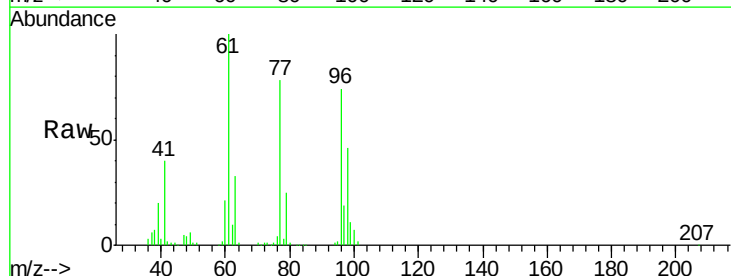
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

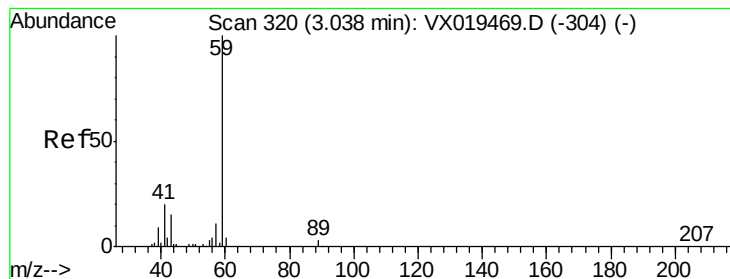
Tgt Ion: 63 Resp: 254044
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.2
 100 4.7 2.4 7.1



#22
 cis-1,2-Dichloroethene
 Concen: 49.658 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion: 96 Resp: 167386
 Ion Ratio Lower Upper
 96 100
 61 139.5 114.2 171.2
 98 64.0 51.7 77.5





#23

tert-Butyl Alcohol

Concen: 276.326 ug/l

RT: 3.04 min Scan# 321

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

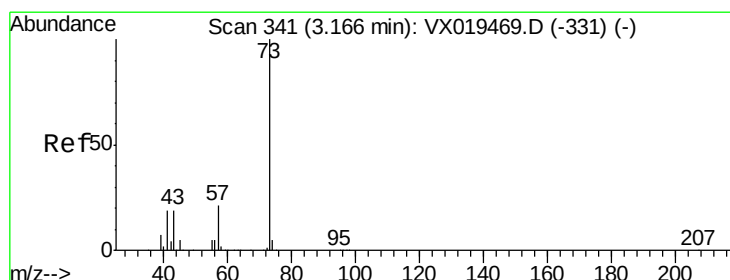
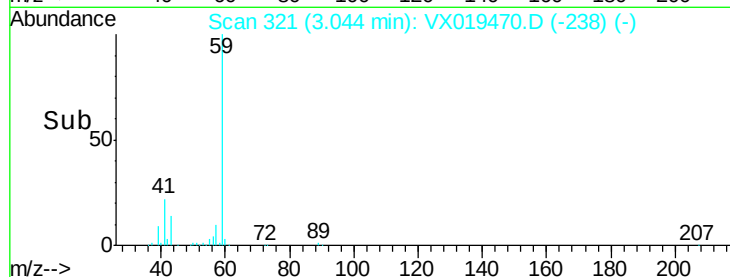
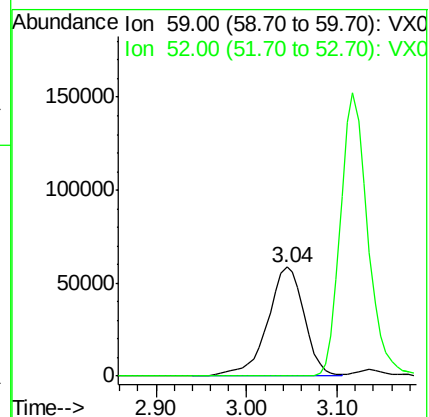
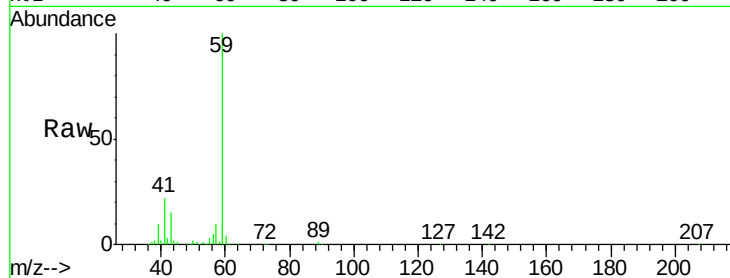
VSTDIC050

Tgt Ion: 59 Resp: 164369

Ion Ratio Lower Upper

59 100

52 0.2 0.2 0.2



#24

Methyl tert-Butyl Ether

Concen: 55.394 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.00 min

Lab File: VX019470.D

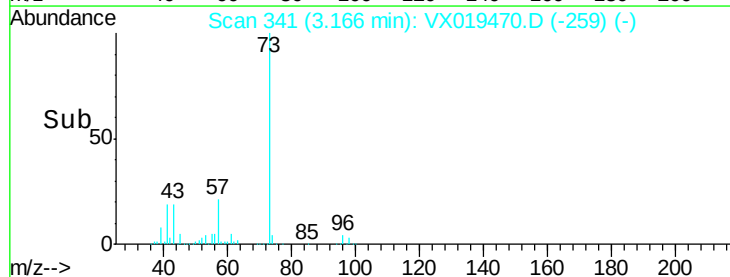
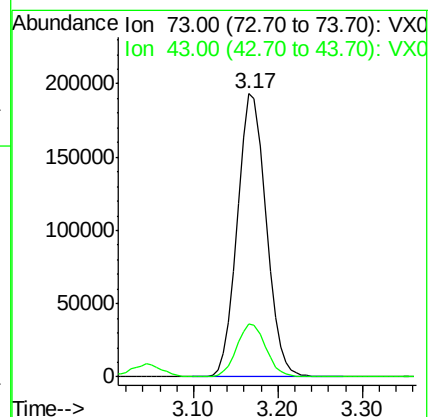
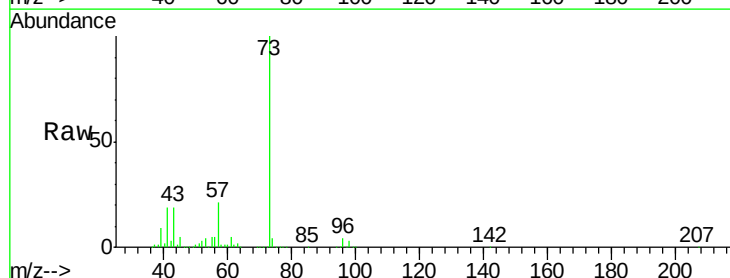
Acq: 19 Nov 2020 16:58

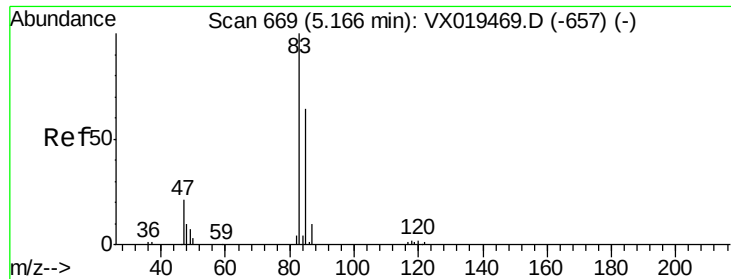
Tgt Ion: 73 Resp: 448043

Ion Ratio Lower Upper

73 100

43 18.7 15.0 22.6





#25

Chloroform

Concen: 51.975 ug/l

RT: 5.17 min Scan# 670

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

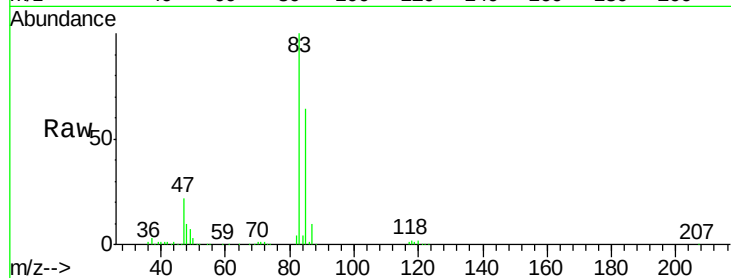
VSTDIC050

Tgt Ion: 83 Resp: 269977

Ion Ratio Lower Upper

83 100

85 63.5 51.4 77.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.17

100000

80000

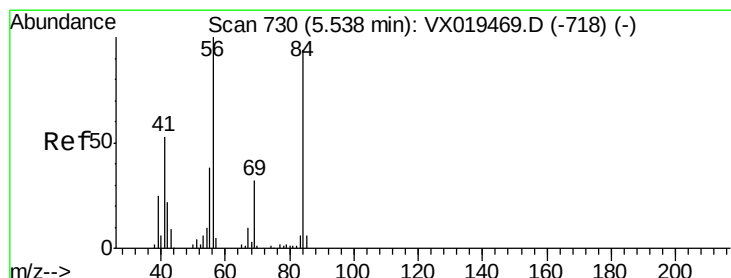
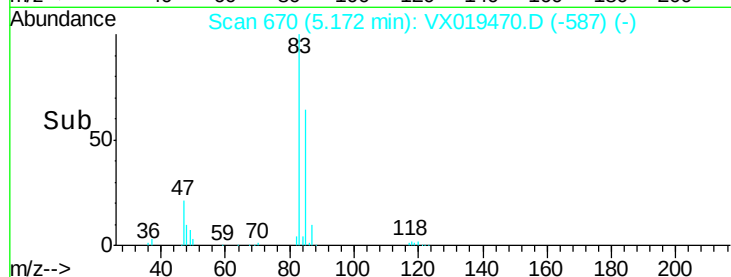
60000

40000

20000

0

Time-->



#26

Cyclohexane

Concen: 58.316 ug/l

RT: 5.54 min Scan# 731

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

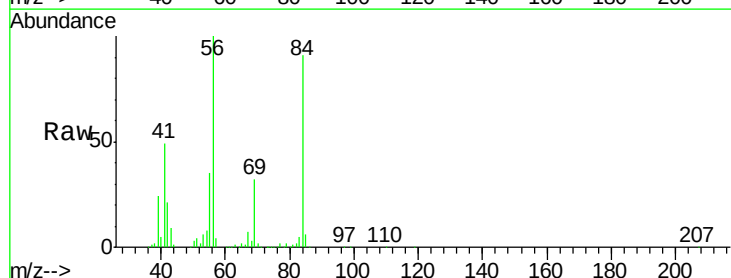
Tgt Ion: 56 Resp: 218622

Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 92.1 75.2 112.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

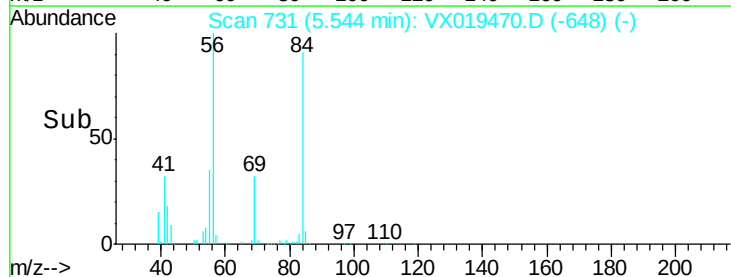
Ion 84.00 (83.70 to 84.70): VX0

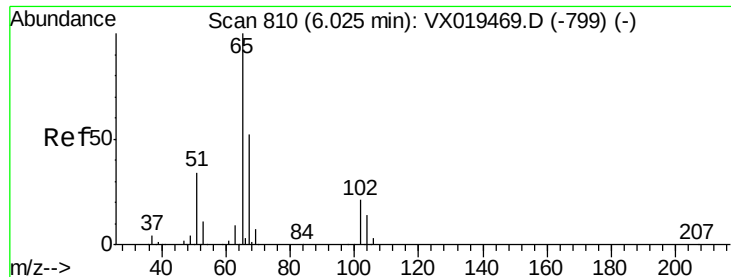
100000

50000

0

Time-->

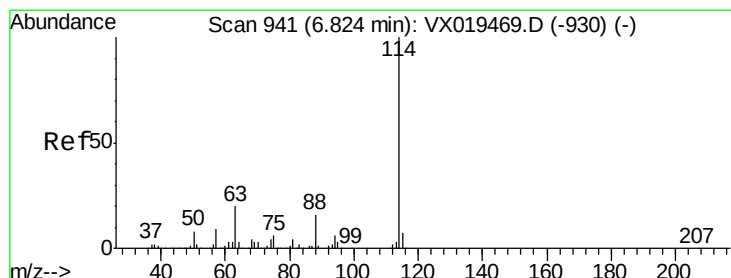
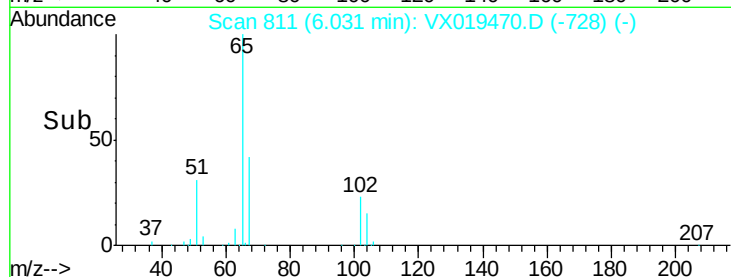
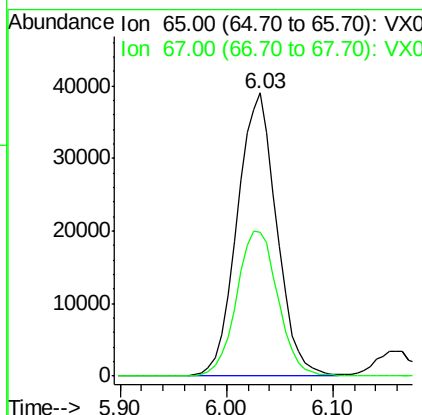
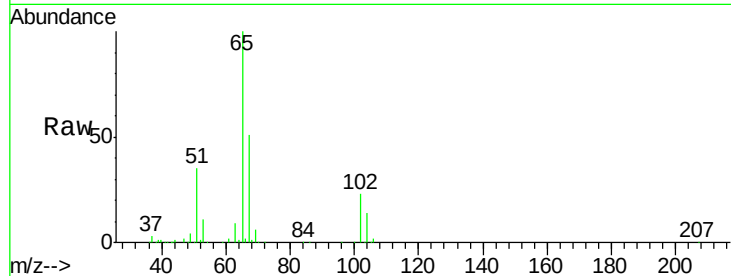




#27
 1,2-Dichloroethane-d4
 Concen: 31.326 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

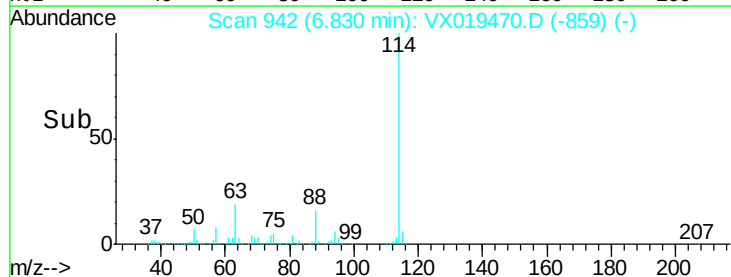
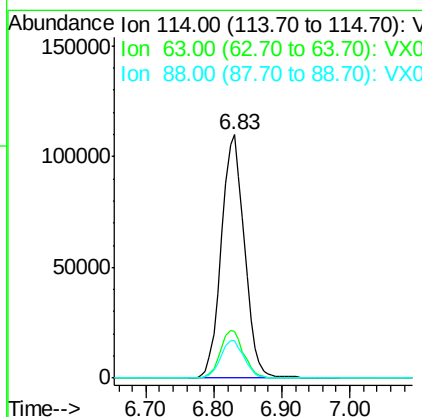
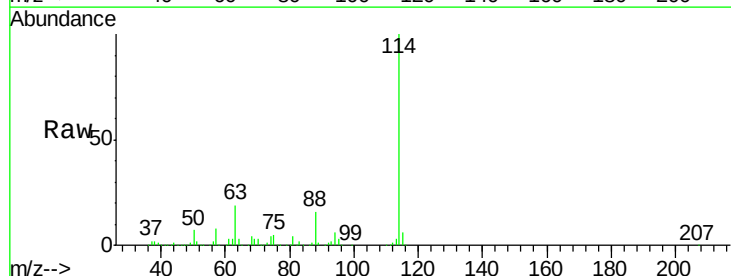
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

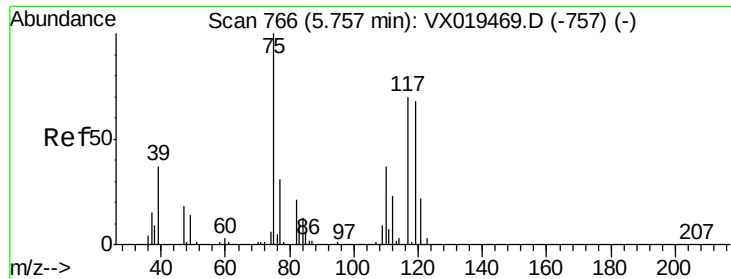
Tgt Ion: 65 Resp: 101499
 Ion Ratio Lower Upper
 65 100
 67 53.4 42.2 63.2



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion: 114 Resp: 259466
 Ion Ratio Lower Upper
 114 100
 63 19.9 16.2 24.2
 88 15.8 12.9 19.3





#29

1,1-Dichloropropene

Concen: 52.055 ug/l

RT: 5.76 min Scan# 767

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

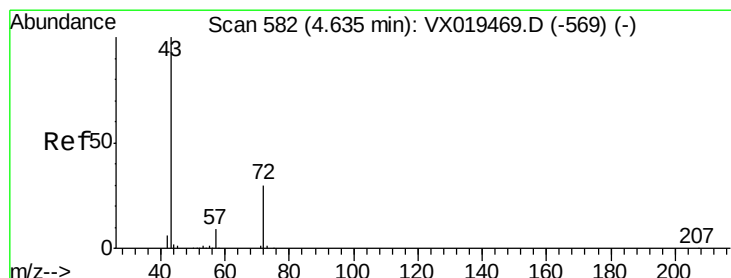
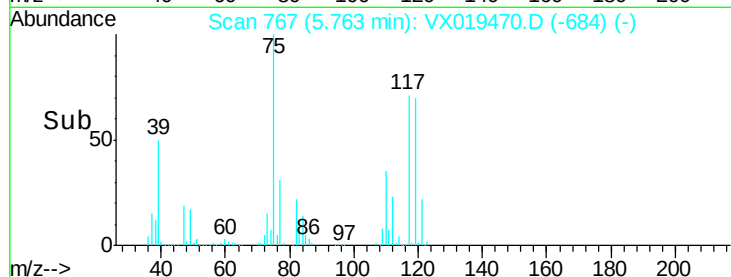
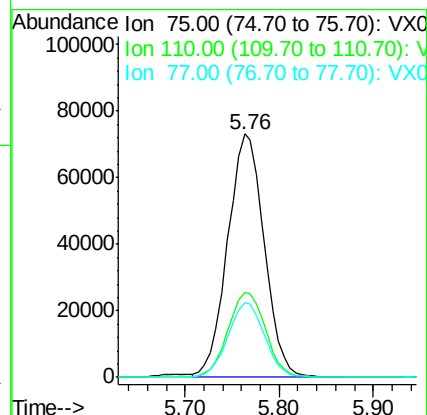
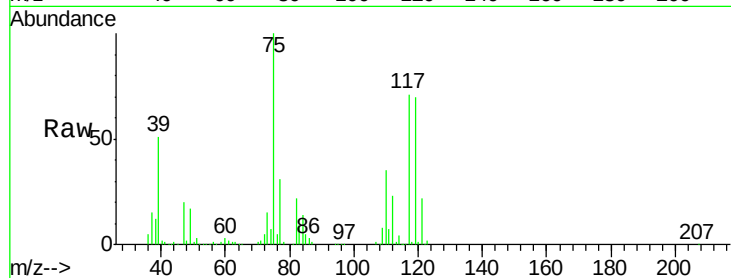
Tgt Ion: 75 Resp: 197862

Ion Ratio Lower Upper

75 100

110 35.9 0.0 74.0

77 30.8 0.0 63.6



#30

2-Butanone

Concen: 315.083 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

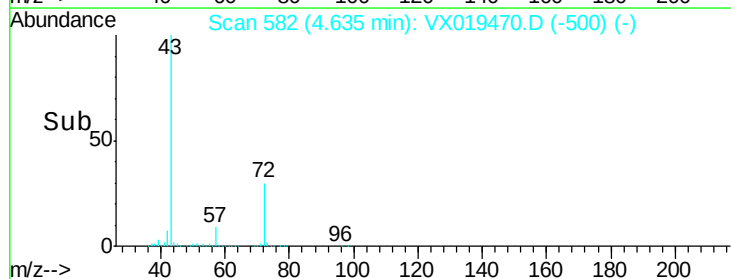
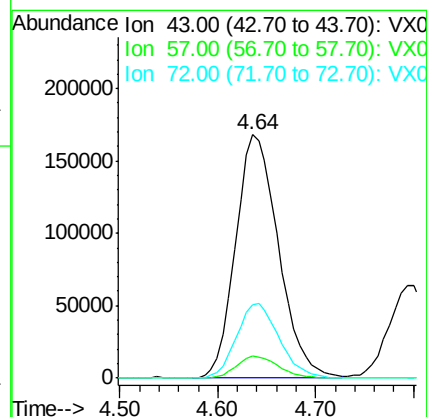
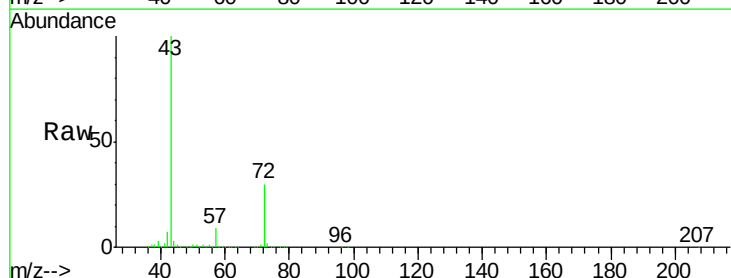
Tgt Ion: 43 Resp: 508183

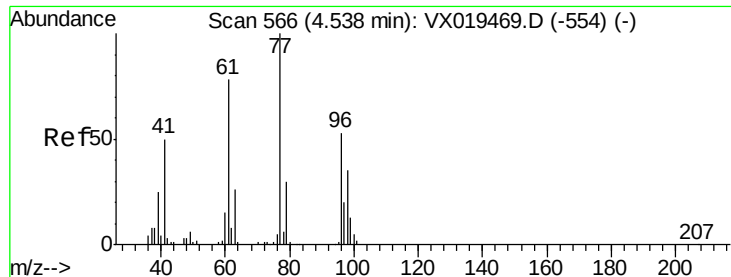
Ion Ratio Lower Upper

43 100

57 9.1 7.4 11.0

72 30.7 24.2 36.2

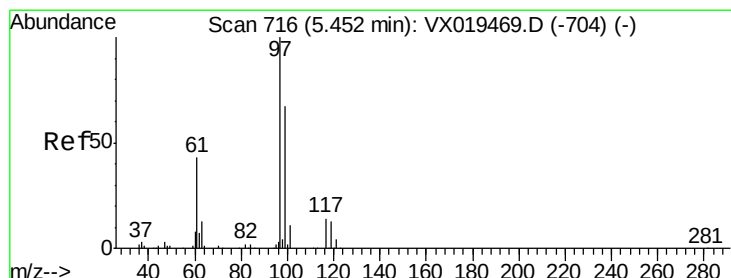
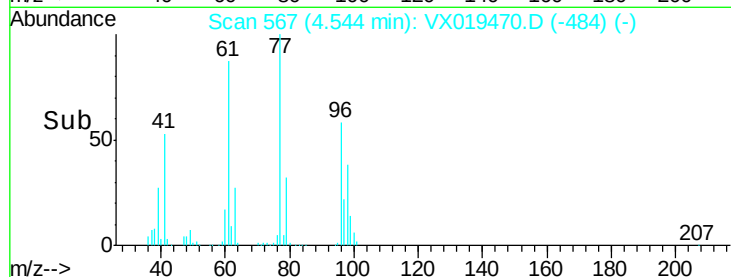
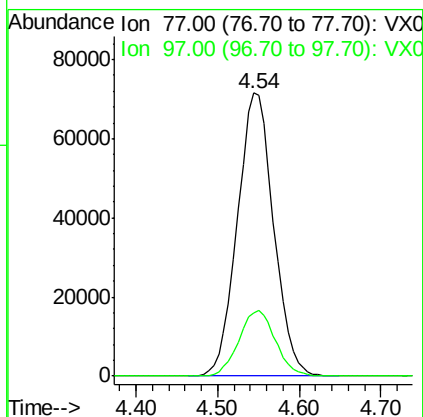
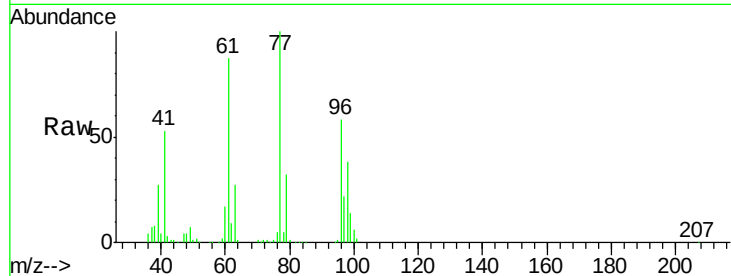




#31
 2,2-Dichloropropane
 Concen: 50.806 ug/l
 RT: 4.54 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

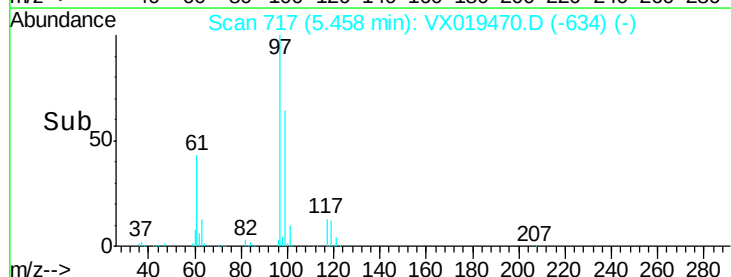
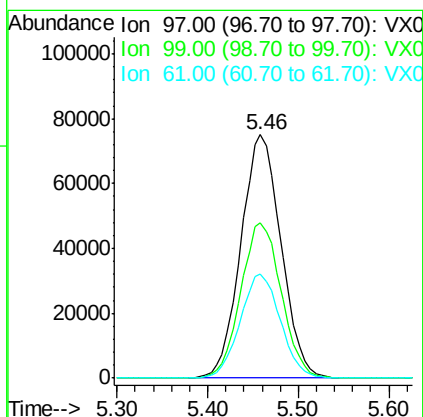
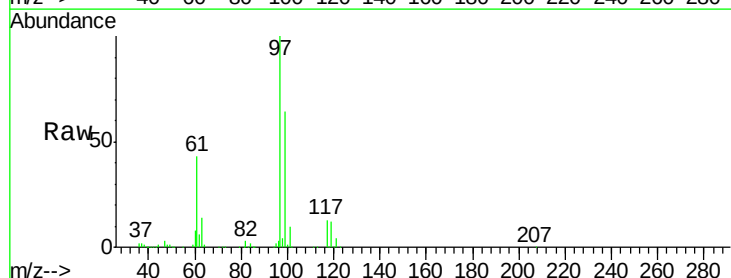
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

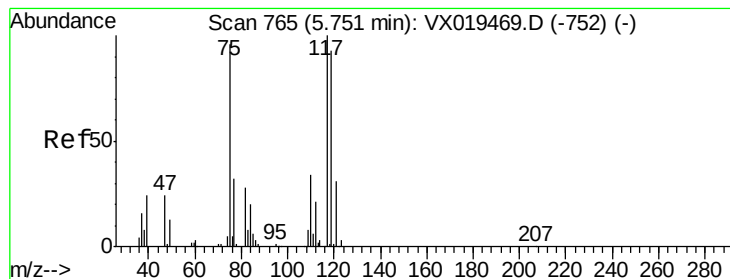
Tgt Ion: 77 Resp: 220944
 Ion Ratio Lower Upper
 77 100
 97 23.3 18.6 27.8



#32
 1,1,1-Trichloroethane
 Concen: 50.535 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. 0.01 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion: 97 Resp: 230417
 Ion Ratio Lower Upper
 97 100
 99 64.4 52.3 78.5
 61 42.9 34.9 52.3





#33

Carbon Tetrachloride

Concen: 50.544 ug/l

RT: 5.75 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

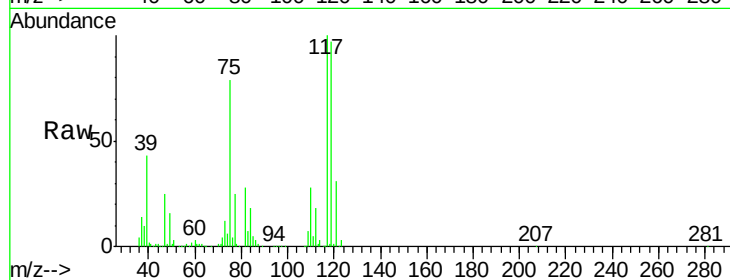
Tgt Ion: 117 Resp: 199437

Ion Ratio Lower Upper

117 100

119 96.9 74.2 111.4

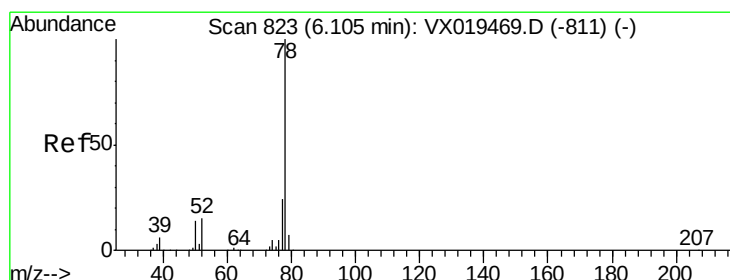
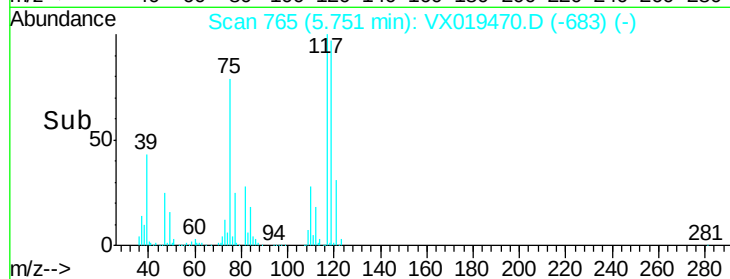
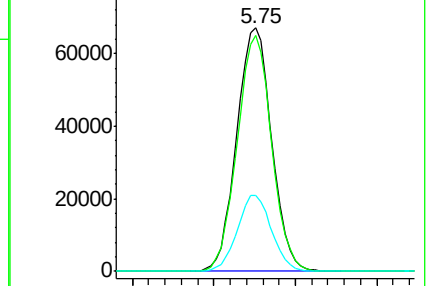
121 31.0 25.0 37.4



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: 53.959 ug/l

RT: 6.11 min Scan# 824

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

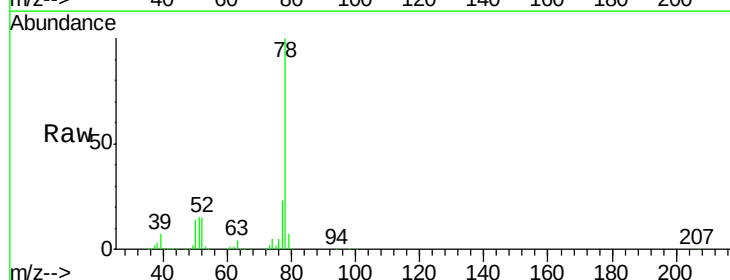
Tgt Ion: 78 Resp: 613826

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

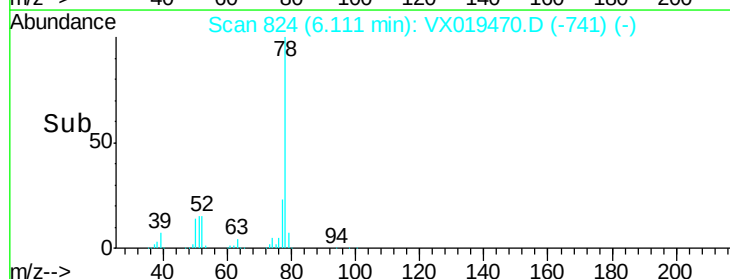
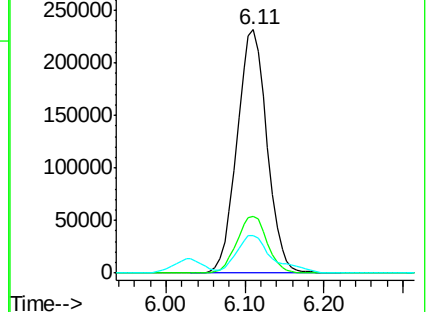
51 15.4 12.7 19.1

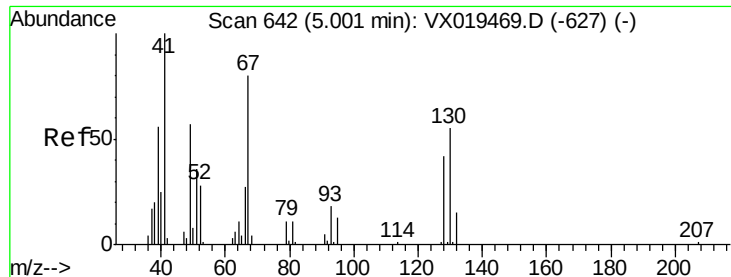


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

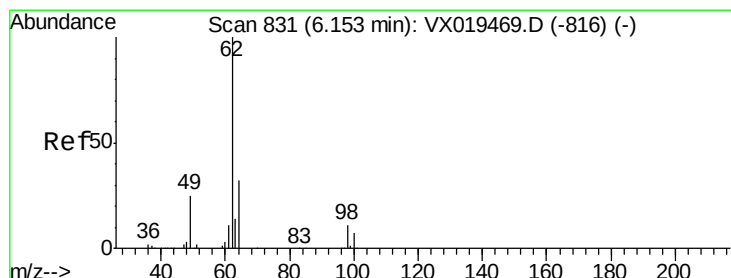
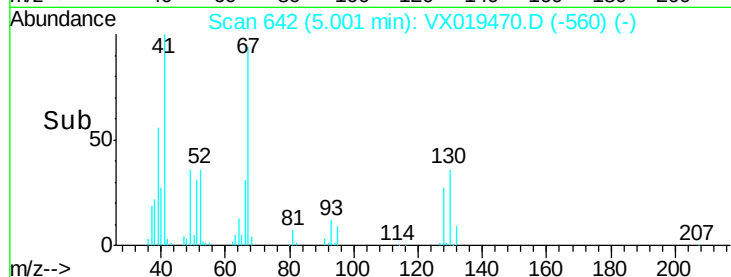
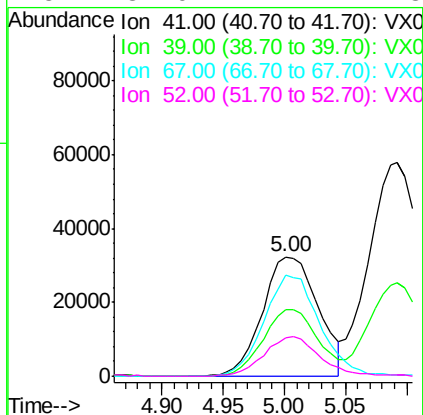
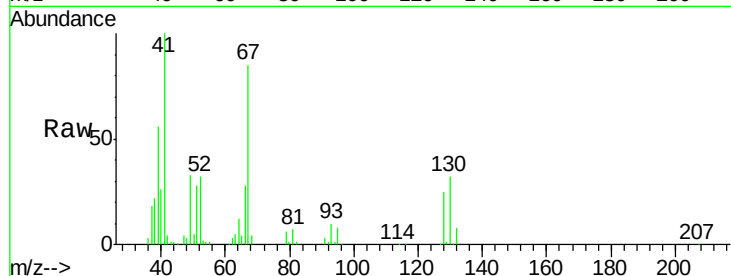




#35
Methacrylonitrile
Concen: 60.132 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

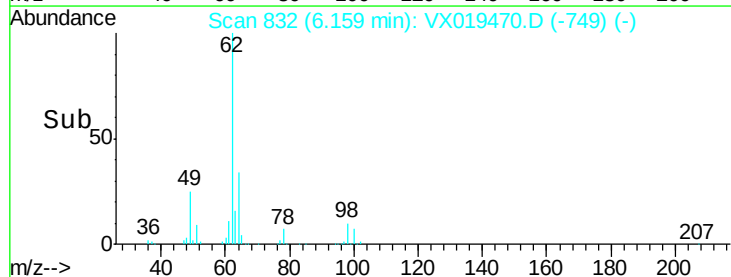
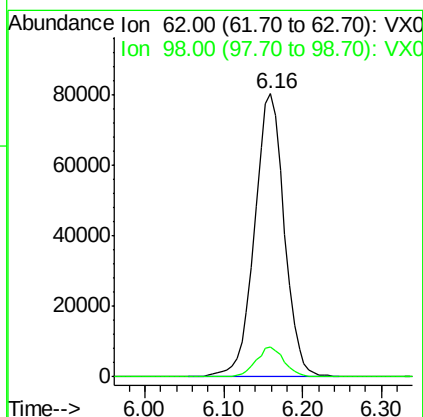
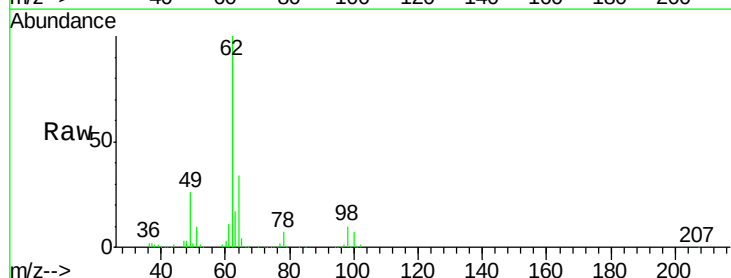
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

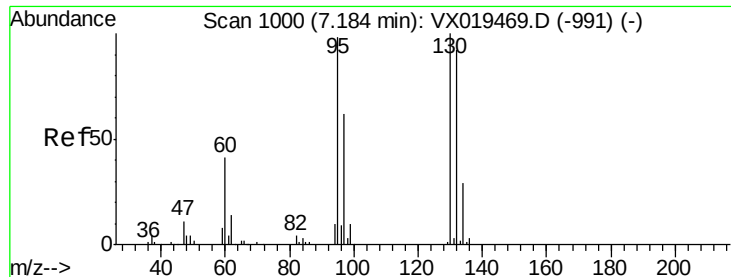
Tgt Ion: 41 Resp: 102343
Ion Ratio Lower Upper
41 100
39 55.7 28.0 84.0
67 84.9 40.0 119.9
52 32.0 14.2 42.8



#36
1,2-Dichloroethane
Concen: 53.879 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion: 62 Resp: 210921
Ion Ratio Lower Upper
62 100
98 10.0 8.1 12.1

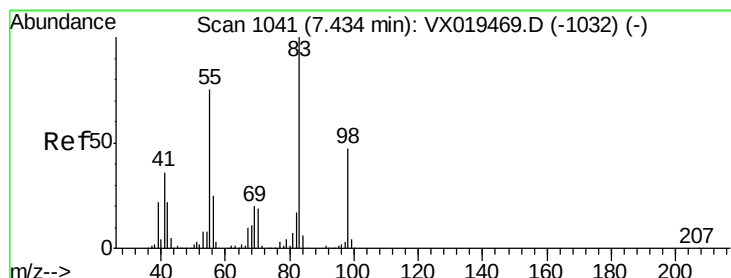
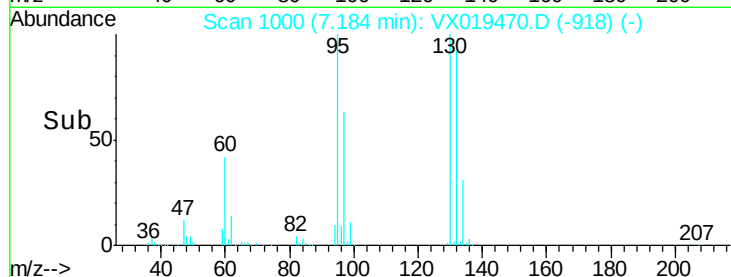
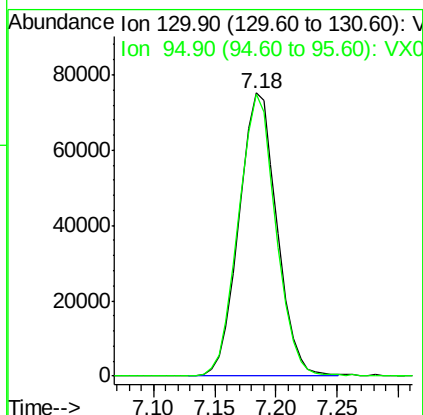
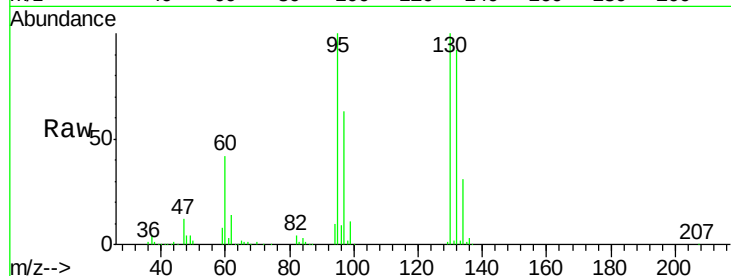




#37
 Trichloroethene
 Concen: 50.195 ug/l
 RT: 7.18 min Scan# 1000
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

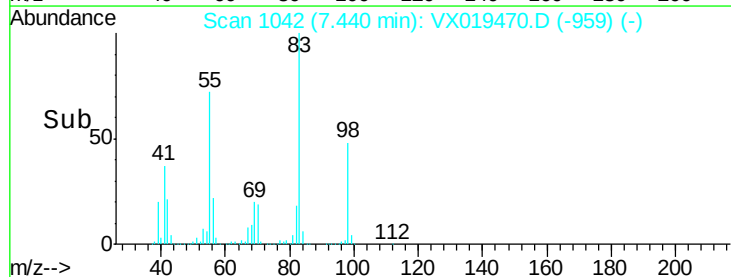
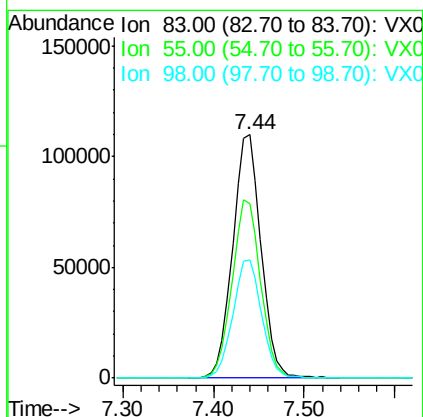
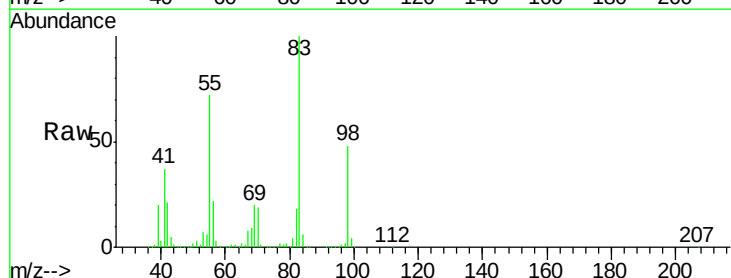
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

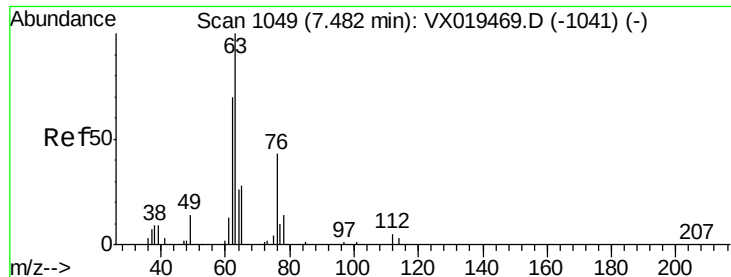
Tgt Ion:130 Resp: 161677
 Ion Ratio Lower Upper
 130 100
 95 99.6 78.8 118.2



#38
 Methylcyclohexane
 Concen: 55.077 ug/l
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.01 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion: 83 Resp: 238664
 Ion Ratio Lower Upper
 83 100
 55 73.3 37.7 113.1
 98 49.4 24.7 74.1





#39

1,2-Dichloropropane

Concen: 56.008 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

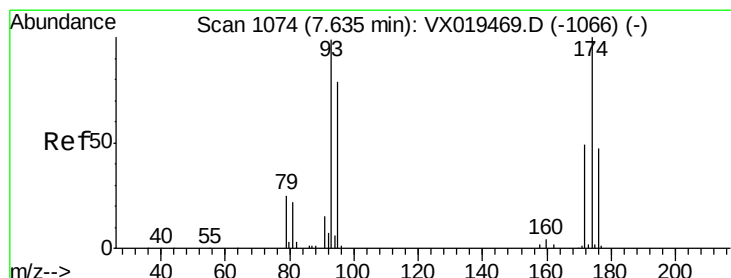
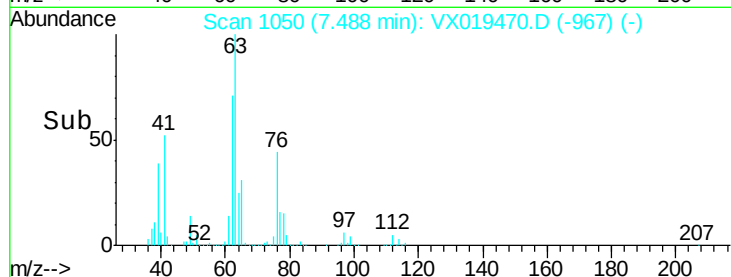
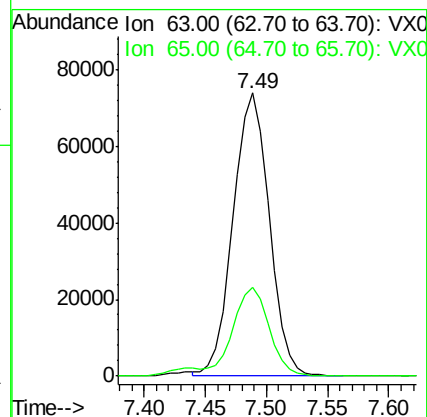
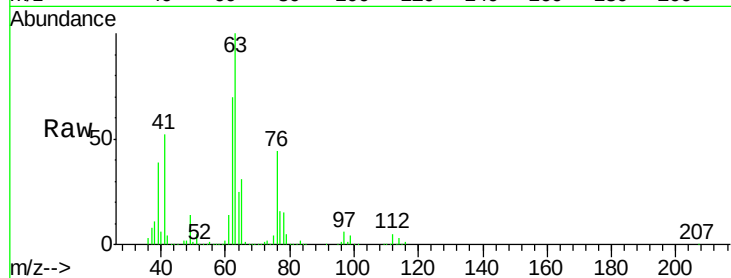
VSTDIC050

Tgt Ion: 63 Resp: 150809

Ion Ratio Lower Upper

63 100

65 31.4 24.8 37.2



#40

Dibromomethane

Concen: 51.908 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

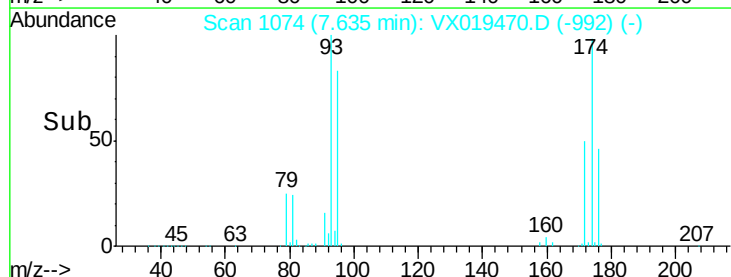
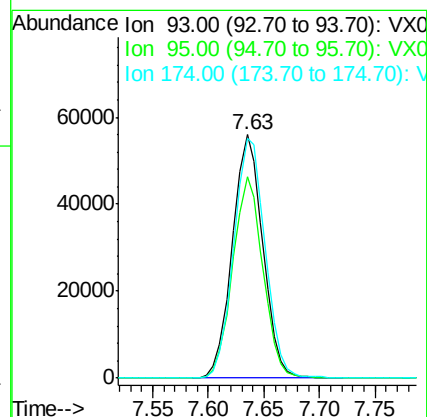
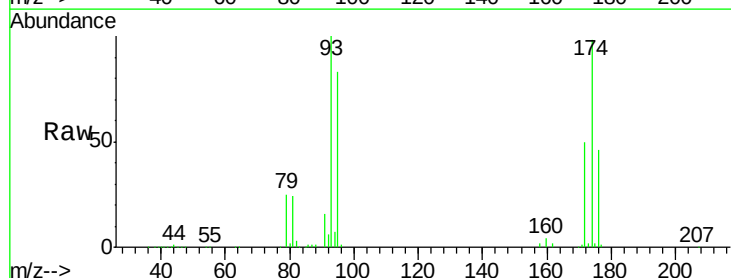
Tgt Ion: 93 Resp: 106077

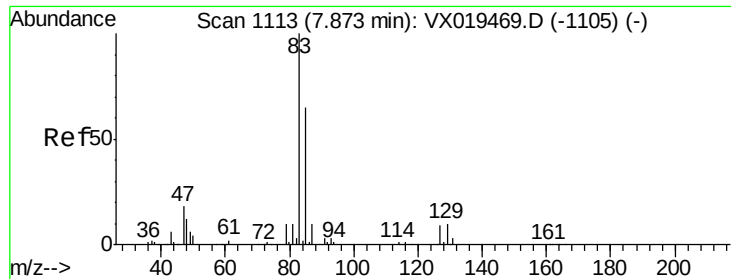
Ion Ratio Lower Upper

93 100

95 82.3 0.0 162.4

174 101.4 0.0 198.8





#41

Bromodichloromethane

Concen: 52.560 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

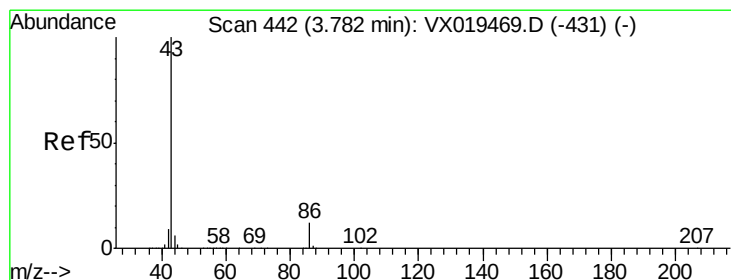
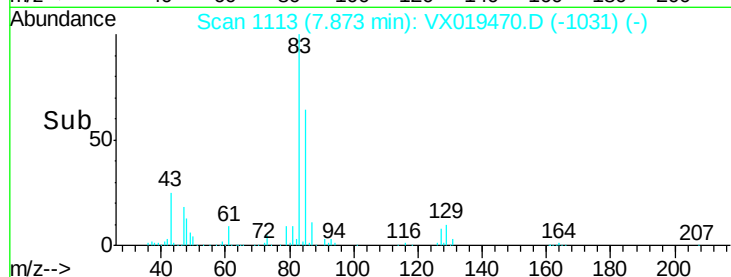
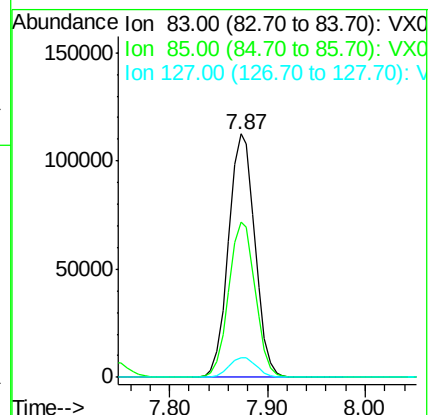
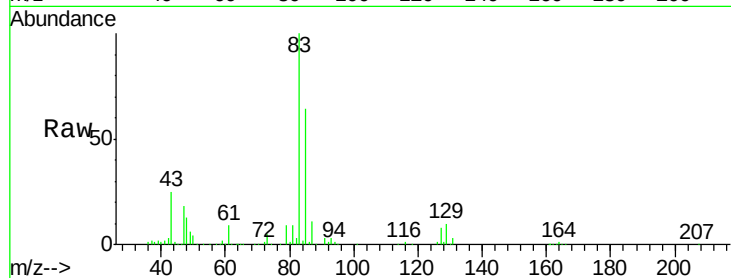
Tgt Ion: 83 Resp: 210671

Ion Ratio Lower Upper

83 100

85 63.9 51.7 77.5

127 8.1 7.0 10.6



#42

Vinyl Acetate

Concen: 300.813 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX019470.D

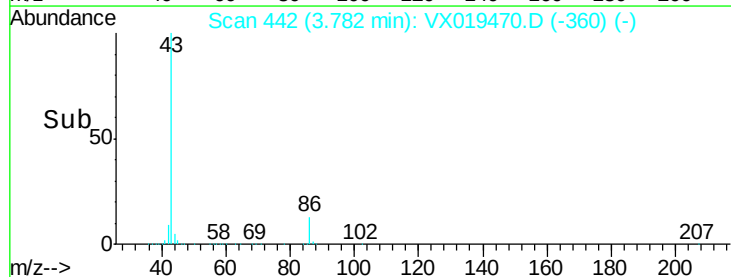
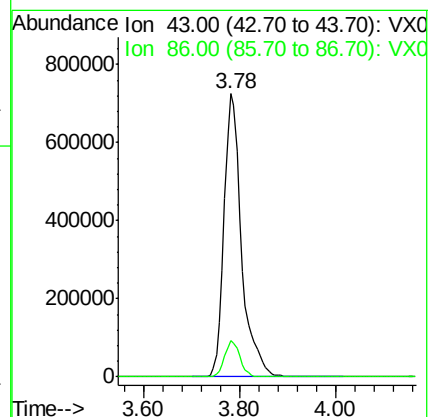
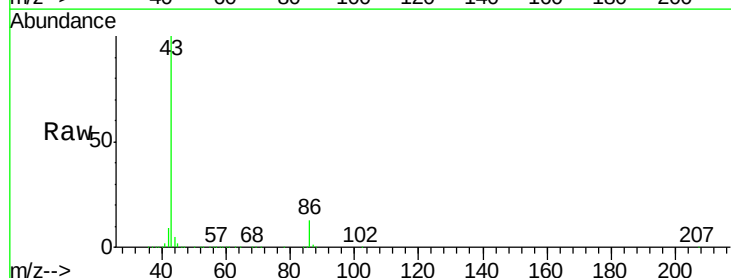
Acq: 19 Nov 2020 16:58

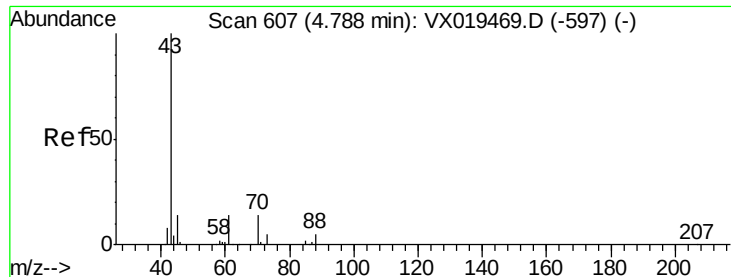
Tgt Ion: 43 Resp: 1833850

Ion Ratio Lower Upper

43 100

86 11.3 8.8 13.2

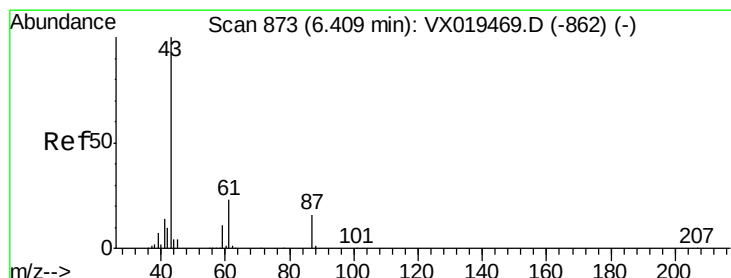
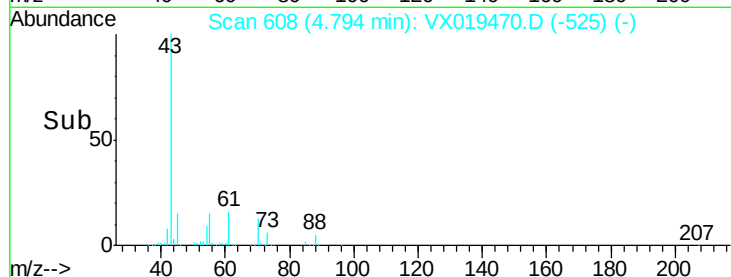
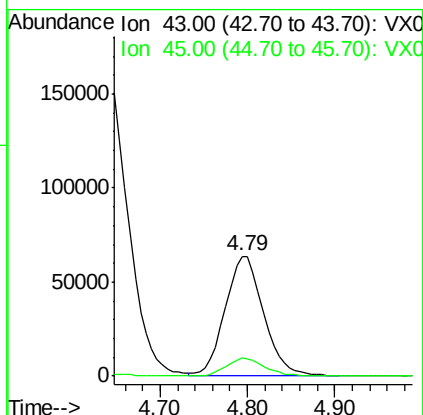
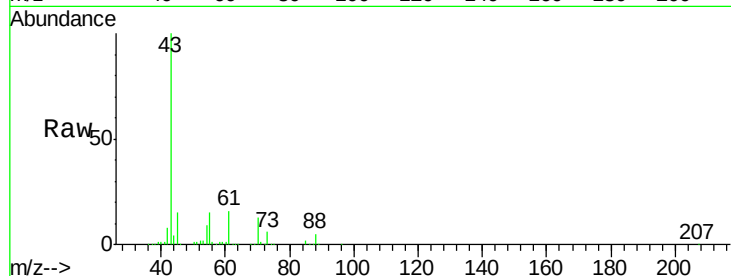




#43
Ethyl Acetate
Concen: 58.455 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

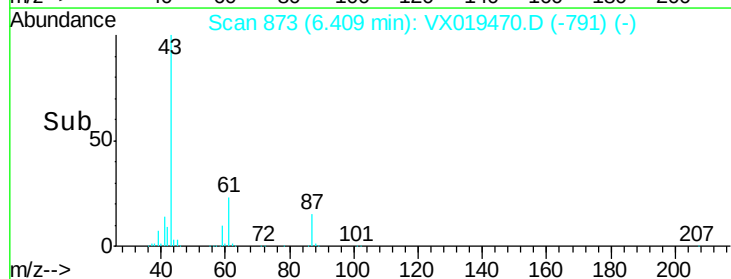
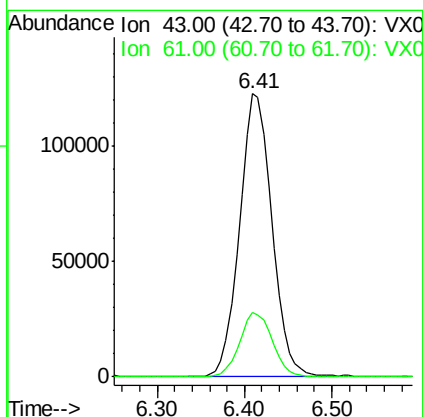
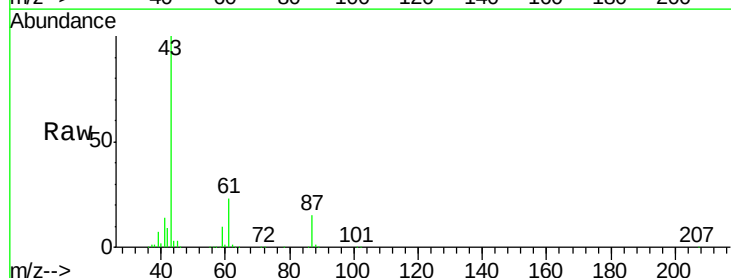
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

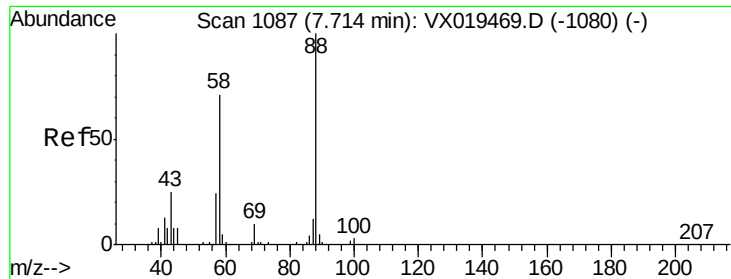
Tgt Ion: 43 Resp: 192283
Ion Ratio Lower Upper
43 100
45 15.5 12.9 19.3



#44
Isopropyl Acetate
Concen: 57.334 ug/l
RT: 6.41 min Scan# 873
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion: 43 Resp: 314185
Ion Ratio Lower Upper
43 100
61 23.1 18.1 27.1

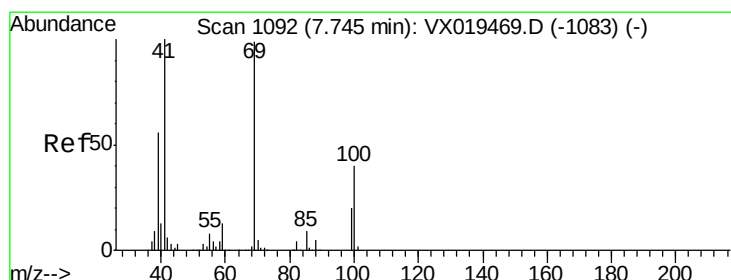
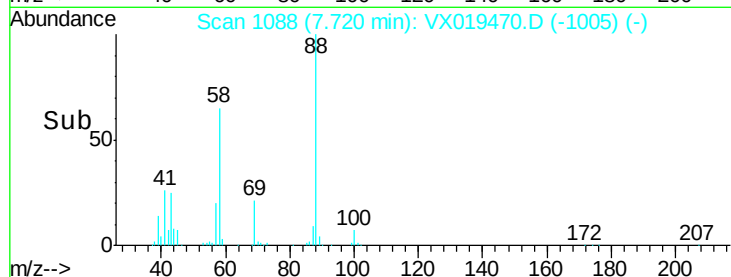
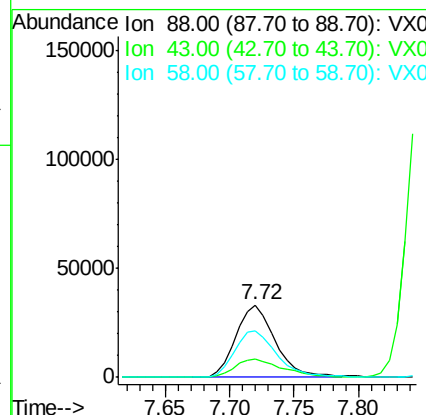
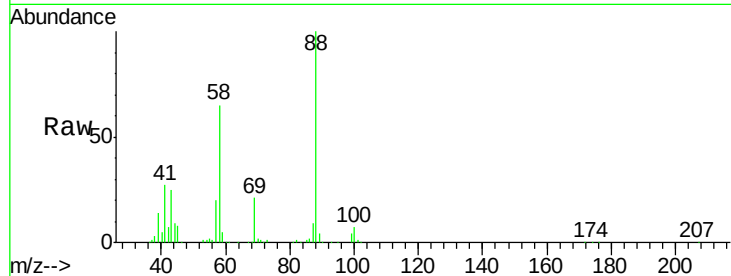




#45
 1,4-Dioxane
 Concen: 1217.815 ug/l
 RT: 7.72 min Scan# 1088
 Delta R.T. 0.01 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

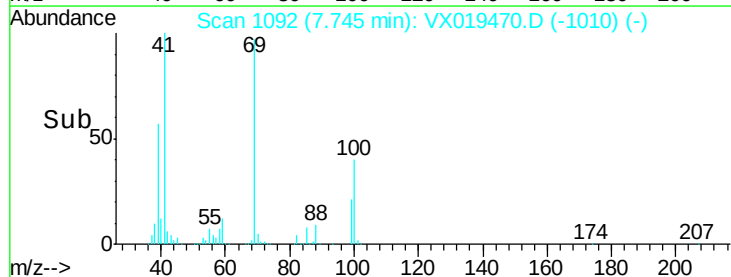
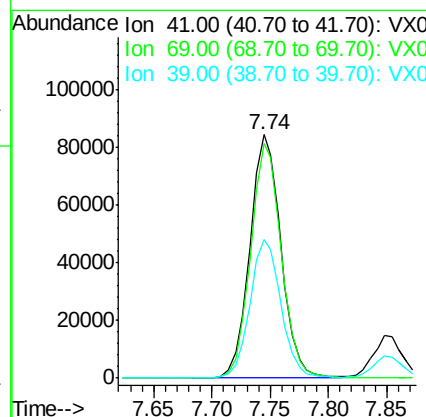
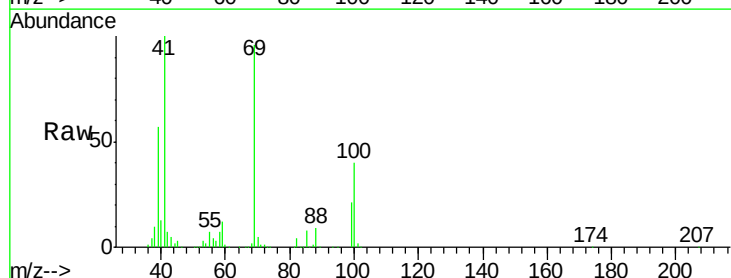
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

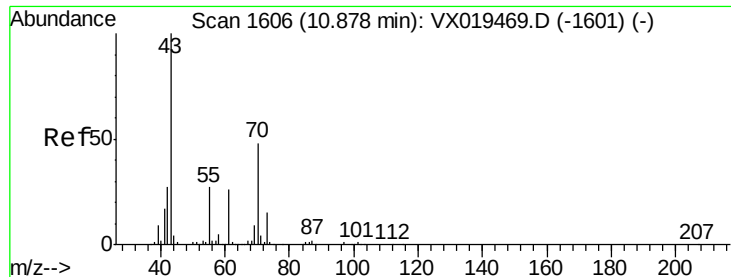
Tgt Ion	Ratio	Lower	Upper
88	100		
43	29.8	24.2	36.4
58	69.1	56.6	84.8



#46
 Methyl methacrylate
 Concen: 60.305 ug/l
 RT: 7.74 min Scan# 1092
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
41	100		
69	96.5	49.7	149.1
39	56.9	28.1	84.4





#47

n-amy1 Acetate

Concen: 61.903 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

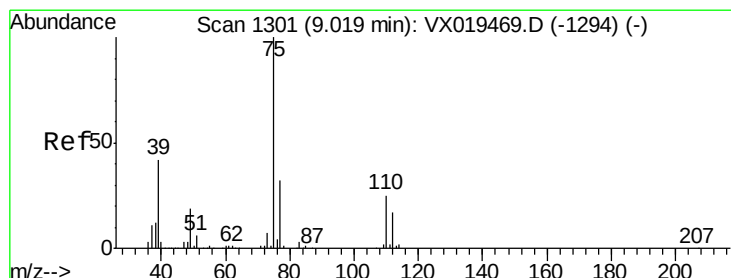
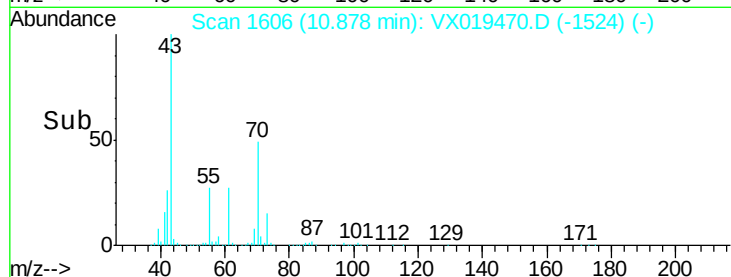
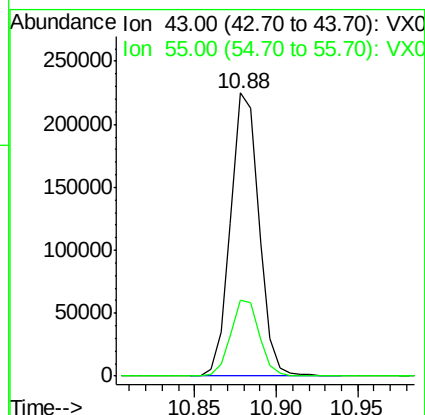
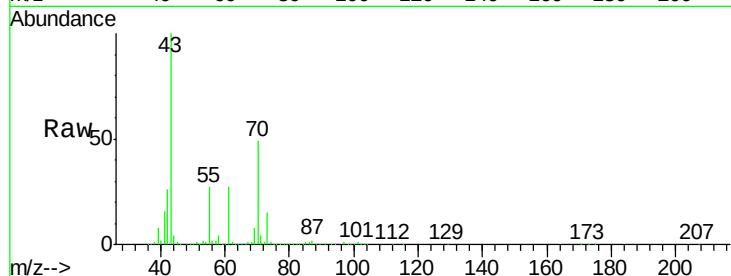
VSTDIC050

Tgt Ion: 43 Resp: 273313

Ion Ratio Lower Upper

43 100

55 27.4 22.8 34.2



#48

t-1,3-Dichloropropene

Concen: 52.224 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.00 min

Lab File: VX019470.D

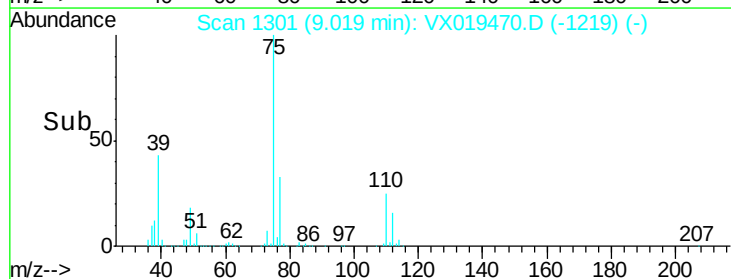
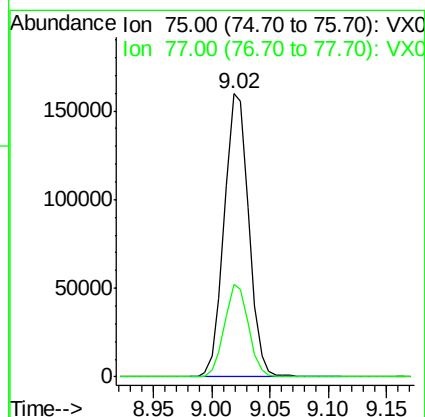
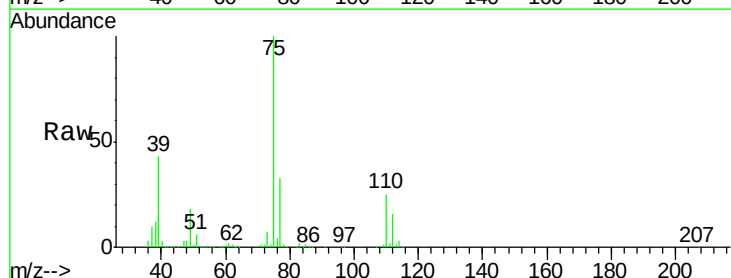
Acq: 19 Nov 2020 16:58

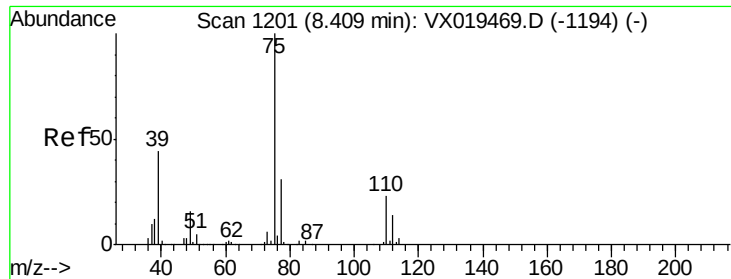
Tgt Ion: 75 Resp: 232747

Ion Ratio Lower Upper

75 100

77 32.7 25.4 38.2



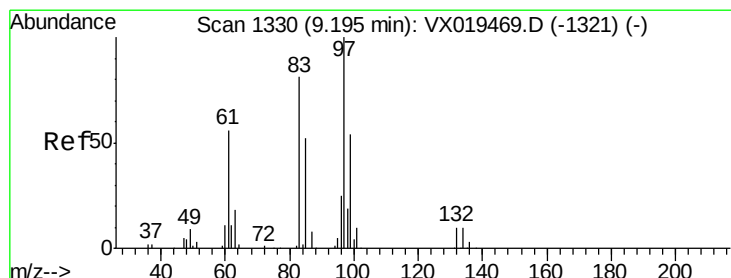
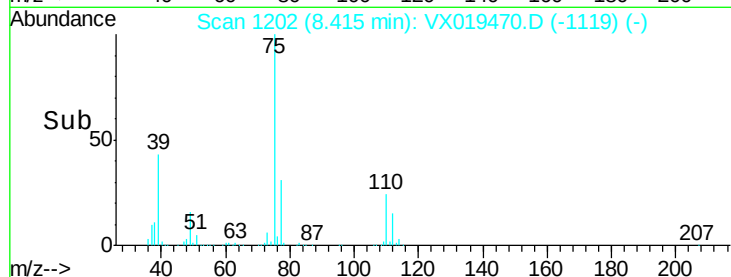
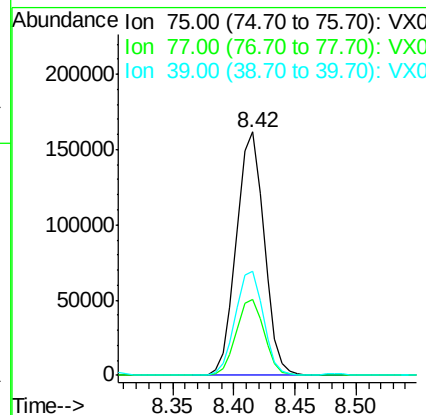
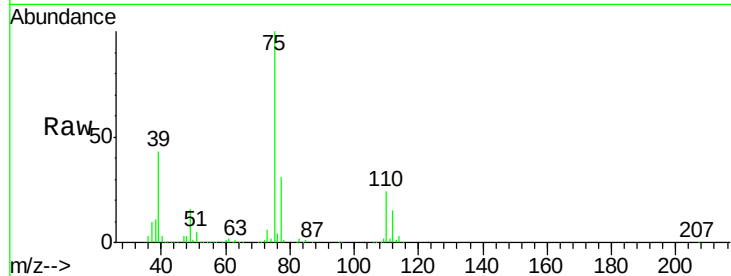


#49

cis-1,3-Dichloropropene
 Concen: 53.322 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

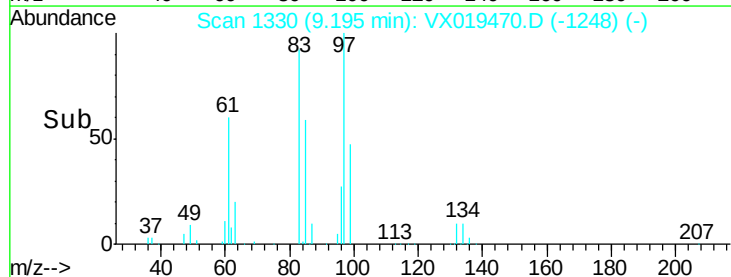
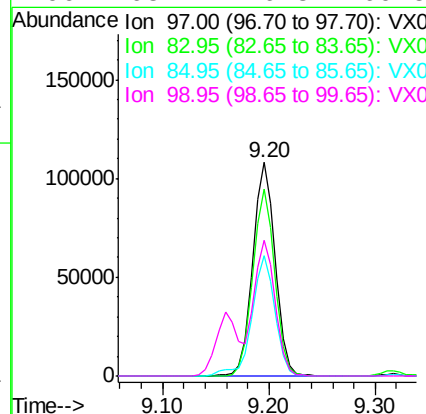
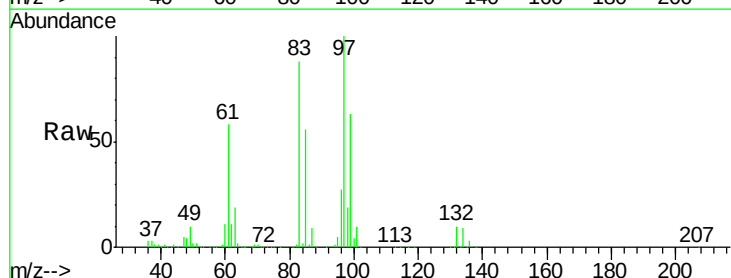
Tgt Ion: 75 Resp: 254342
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.7 37.1
 39 42.9 35.3 52.9

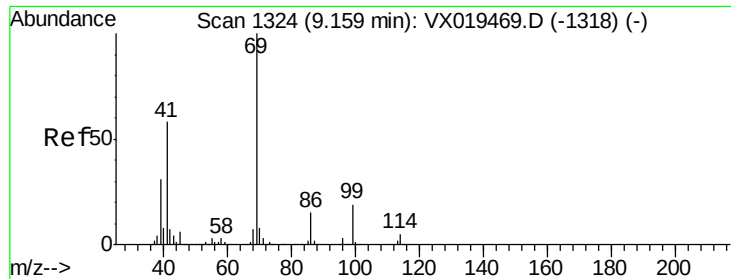


#50

1,1,2-Trichloroethane
 Concen: 53.483 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion: 97 Resp: 160111
 Ion Ratio Lower Upper
 97 100
 83 87.6 64.8 97.2
 85 56.4 41.8 62.8
 99 63.2 46.3 69.5





#51

Ethyl methacrylate

Concen: 54.877 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

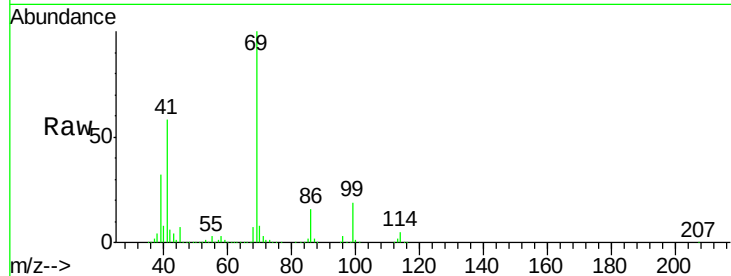
Tgt Ion: 69 Resp: 235349

Ion Ratio Lower Upper

69 100

41 58.2 29.0 87.1

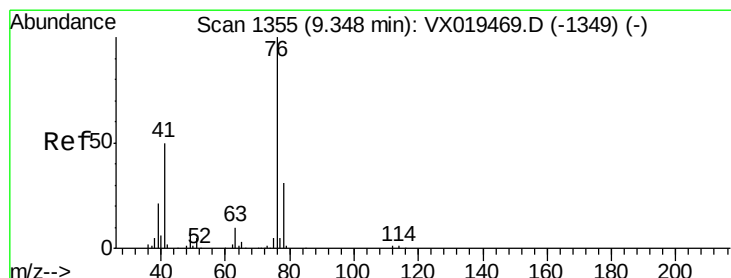
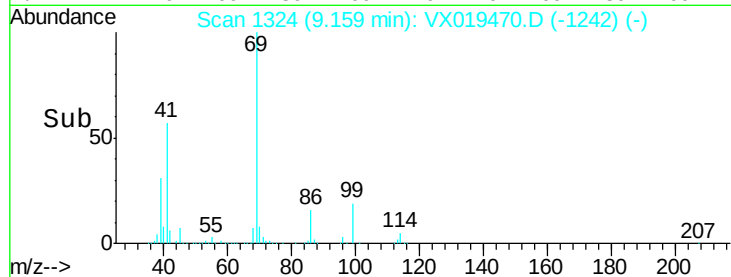
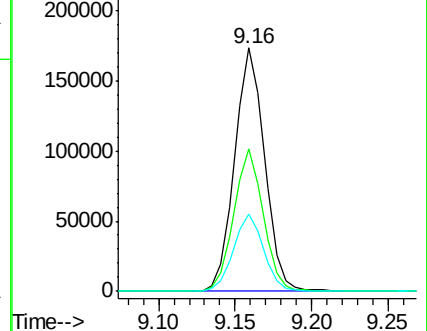
39 31.9 15.4 46.4



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 55.373 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.01 min

Lab File: VX019470.D

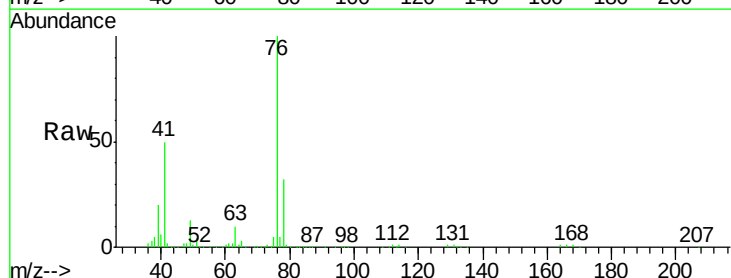
Acq: 19 Nov 2020 16:58

Tgt Ion: 76 Resp: 269775

Ion Ratio Lower Upper

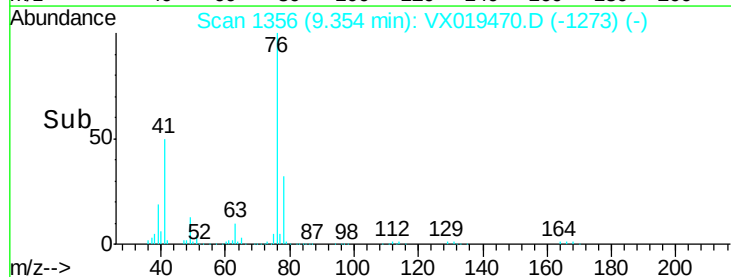
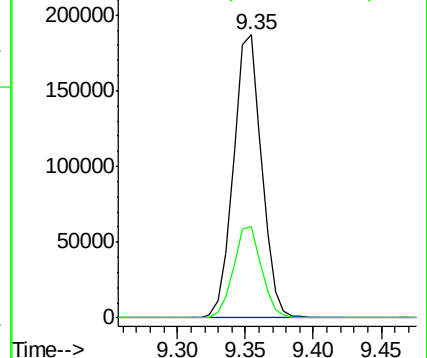
76 100

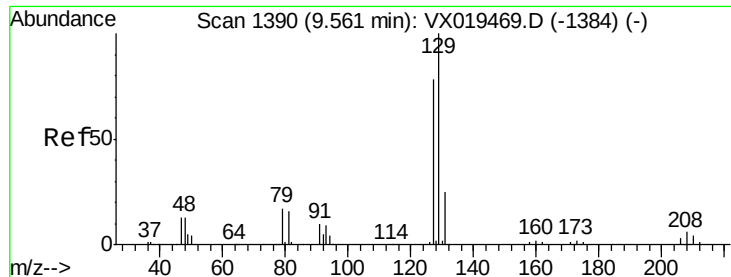
78 32.4 0.0 63.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 50.597 ug/l

RT: 9.56 min Scan# 1390

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

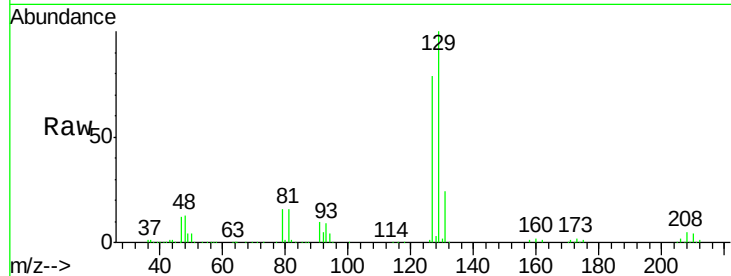
VSTDIC050

Tgt Ion:129 Resp: 164569

Ion Ratio Lower Upper

129 100

127 78.1 38.0 114.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.56

120000

100000

80000

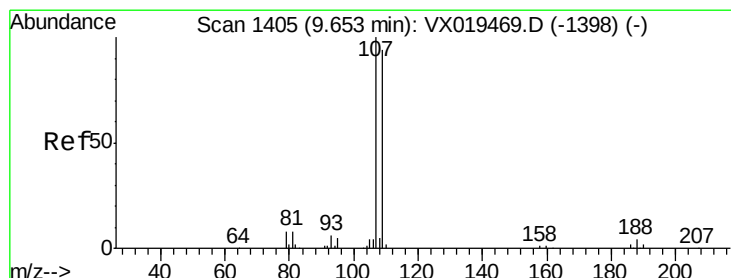
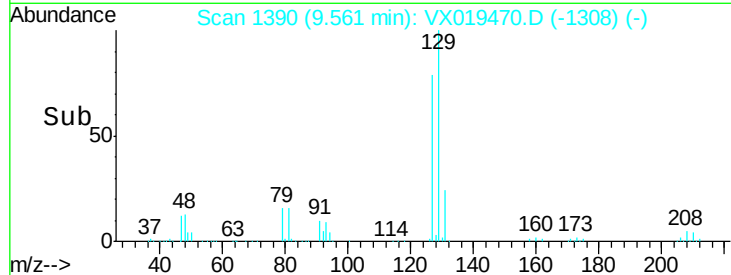
60000

40000

20000

0

Time-->



#54

1,2-Dibromoethane

Concen: 52.591 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX019470.D

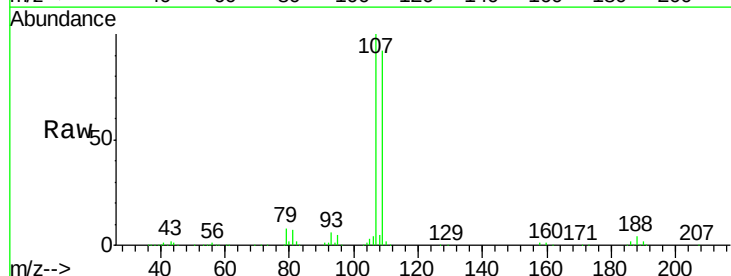
Acq: 19 Nov 2020 16:58

Tgt Ion:107 Resp: 168736

Ion Ratio Lower Upper

107 100

109 93.0 74.2 111.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

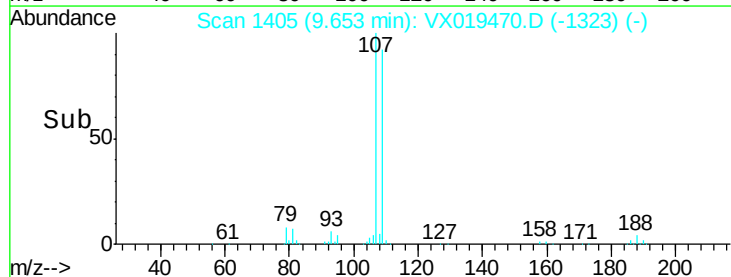
9.65

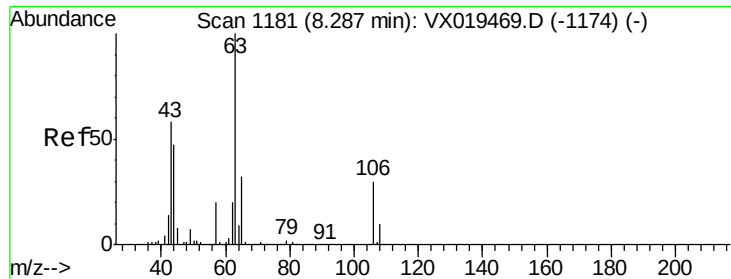
100000

50000

0

Time-->

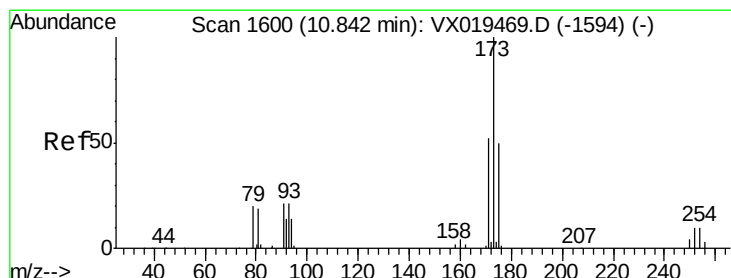
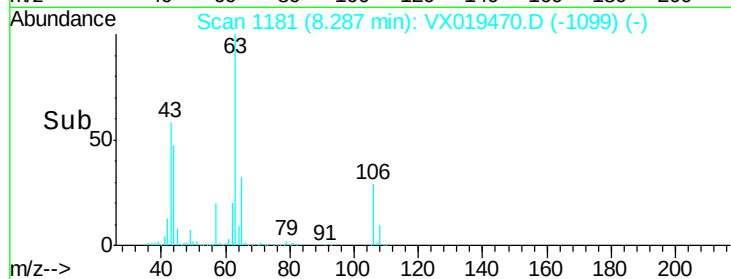
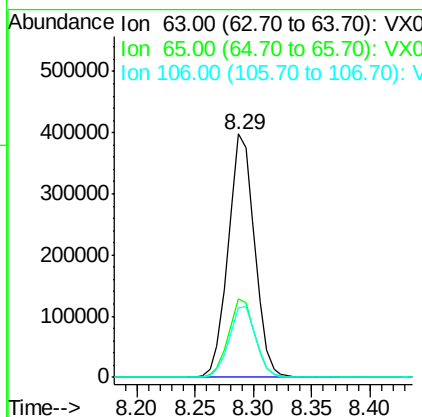
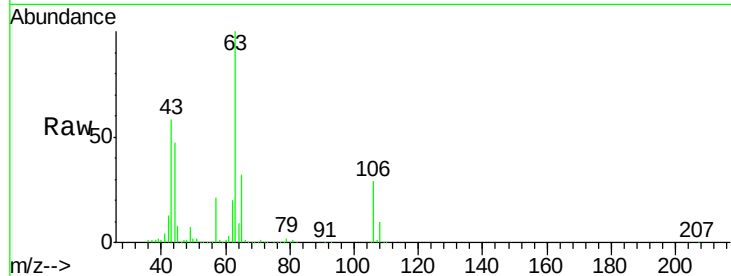




#55
 2-Chloroethyl vinyl ether
 Concen: 277.265 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

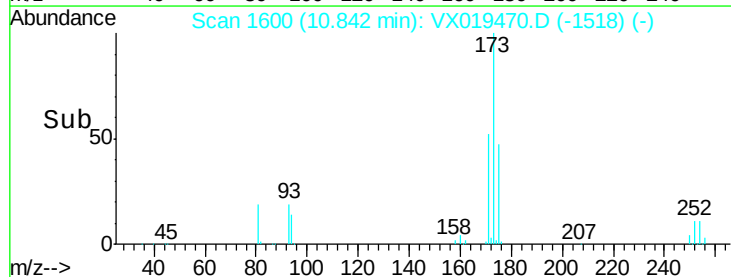
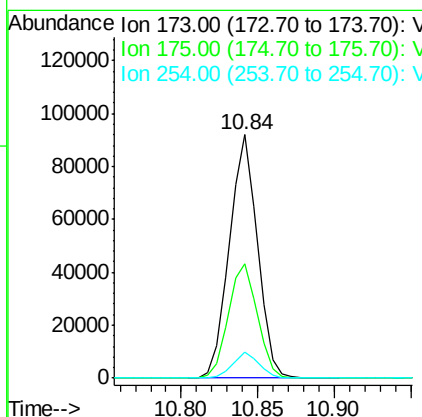
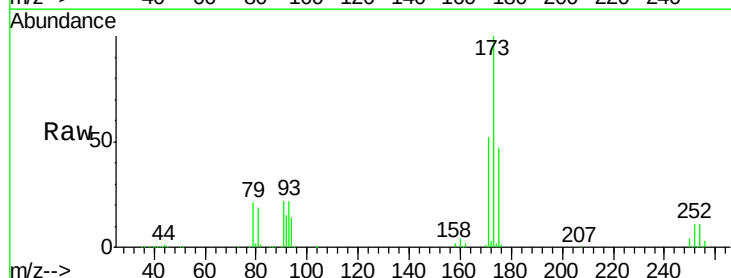
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

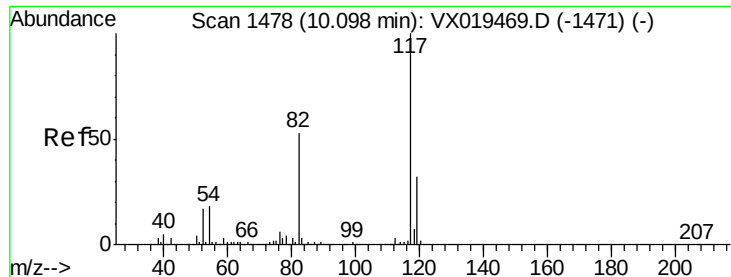
Tgt Ion: 63 Resp: 628545
 Ion Ratio Lower Upper
 63 100
 65 32.3 25.7 38.5
 106 29.6 24.2 36.4



#56
 Bromoform
 Concen: 51.662 ug/l
 RT: 10.84 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion: 173 Resp: 117303
 Ion Ratio Lower Upper
 173 100
 175 48.3 39.7 59.5
 254 10.2 8.0 12.0

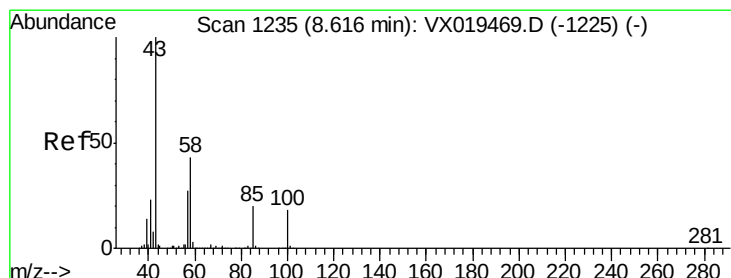
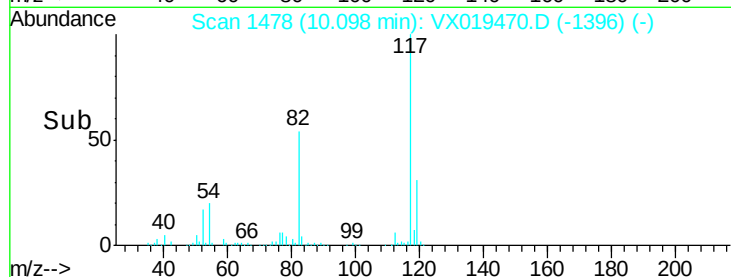
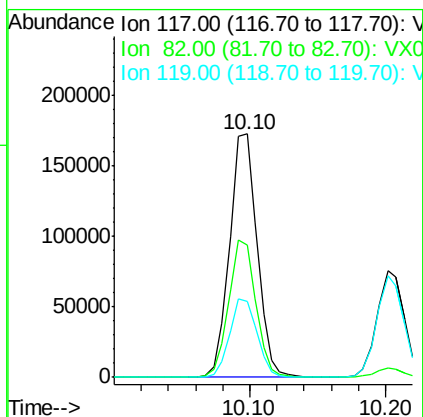
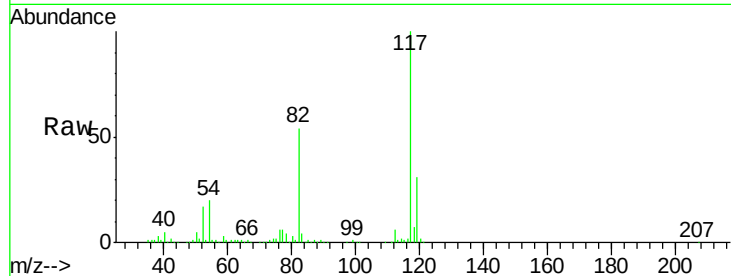




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

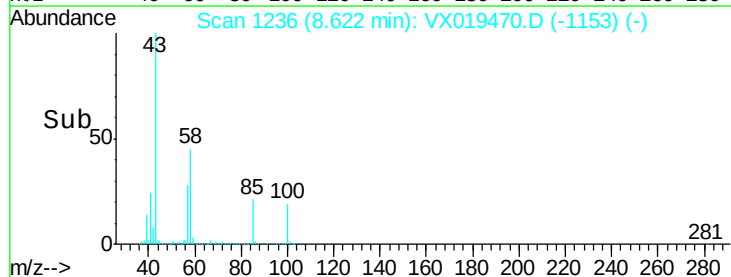
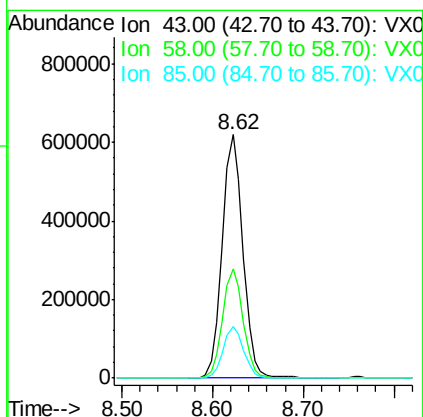
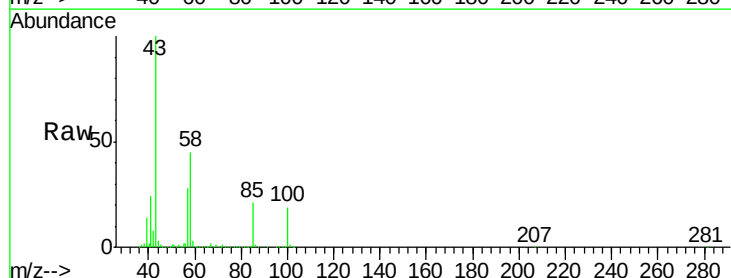
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

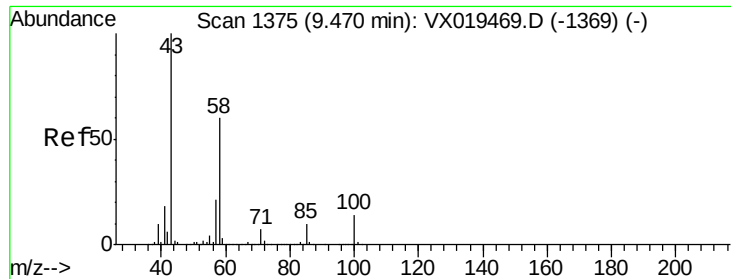
Tgt Ion: 117 Resp: 244153
Ion Ratio Lower Upper
117 100
82 55.9 44.5 66.7
119 32.3 25.9 38.9



#58
4-Methyl-2-Pentanone
Concen: 300.209 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion: 43 Resp: 987650
Ion Ratio Lower Upper
43 100
58 44.3 35.1 52.7
85 21.1 16.7 25.1

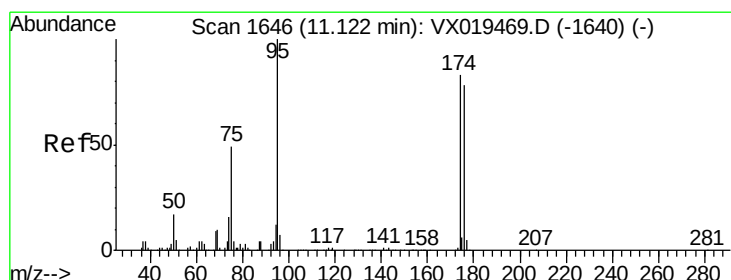
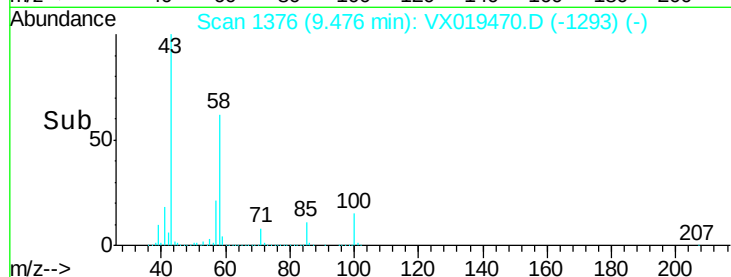
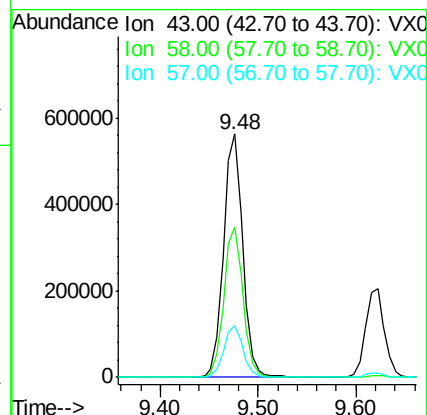
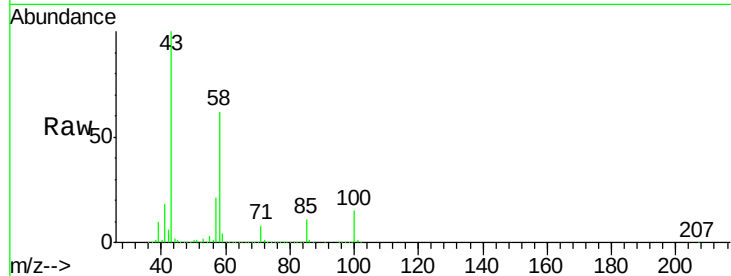




#59
2-Hexanone
Concen: 310.580 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

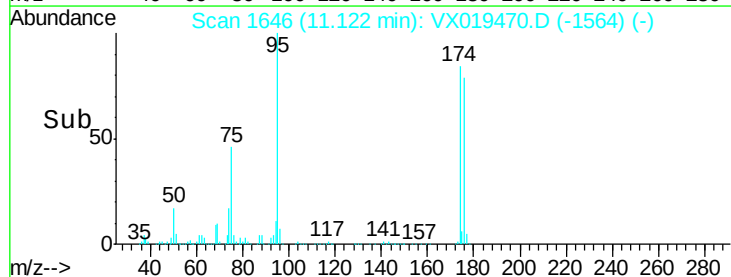
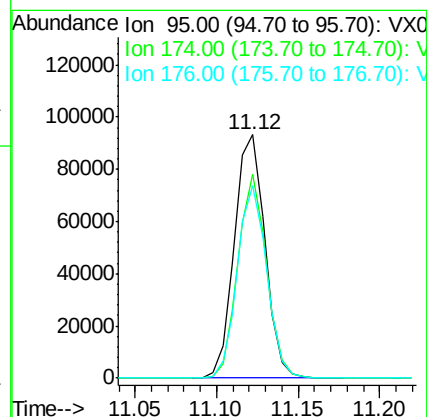
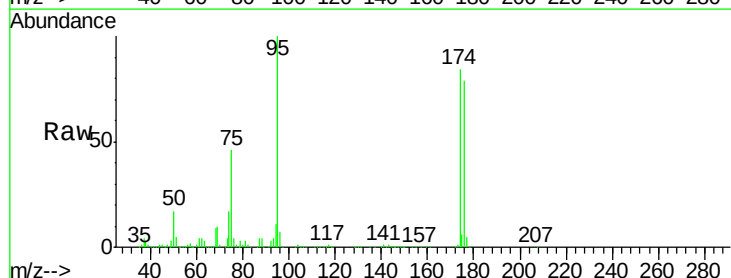
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

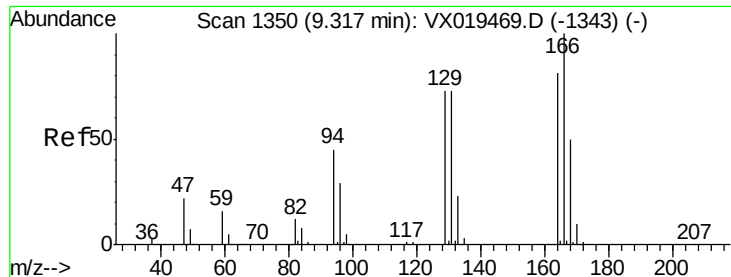
Tgt Ion: 43 Resp: 764379
Ion Ratio Lower Upper
43 100
58 61.5 49.0 73.6
57 21.3 17.0 25.4



#60
4-Bromofluorobenzene
Concen: 32.553 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion: 95 Resp: 121374
Ion Ratio Lower Upper
95 100
174 78.9 63.5 95.3
176 76.4 59.8 89.6





#61

Tetrachloroethene

Concen: 50.079 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tgt Ion:164 Resp: 152517

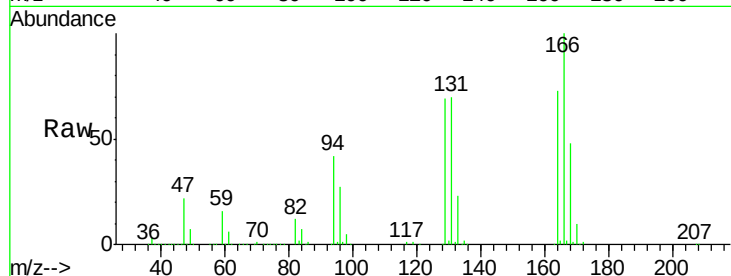
Ion Ratio Lower Upper

164 100

166 137.3 99.4 149.0

129 95.3 72.6 108.8

131 96.1 72.6 108.8

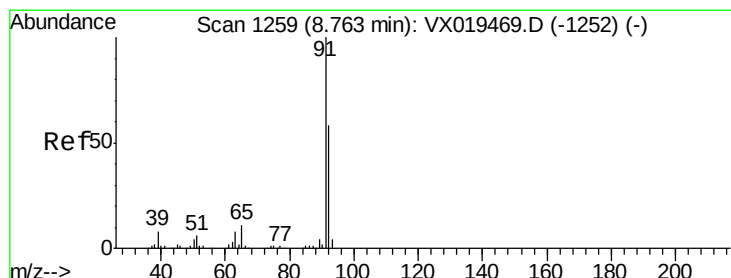
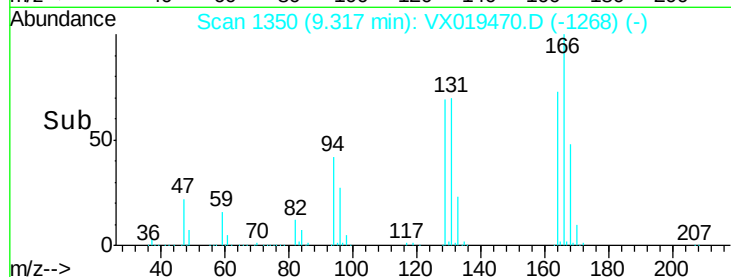
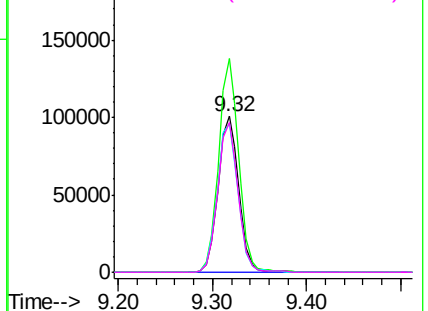


Abundance Ion 163.85 (163.55 to 164.55): V

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: 51.188 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX019470.D

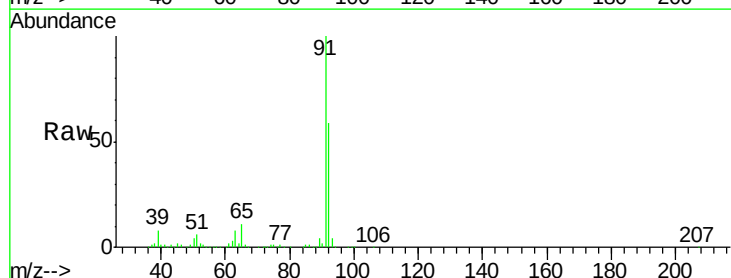
Acq: 19 Nov 2020 16:58

Tgt Ion: 91 Resp: 678895

Ion Ratio Lower Upper

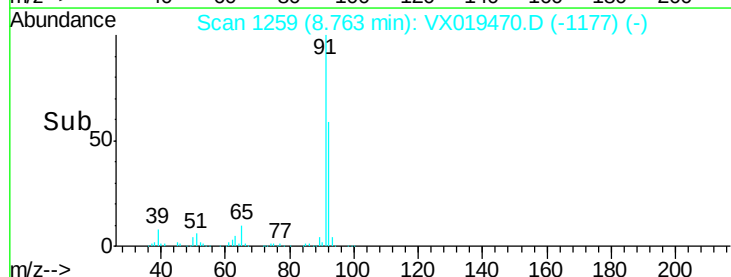
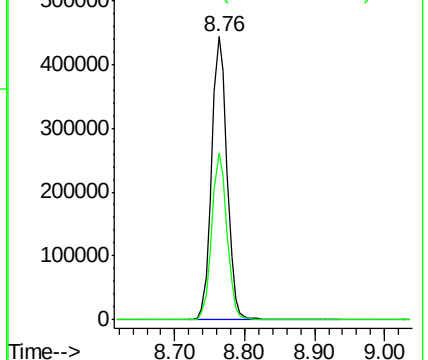
91 100

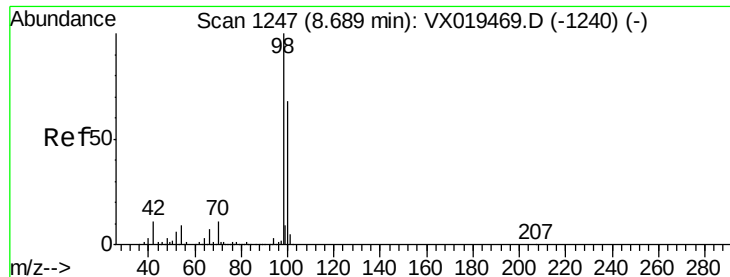
92 58.2 47.4 71.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.000 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.01 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

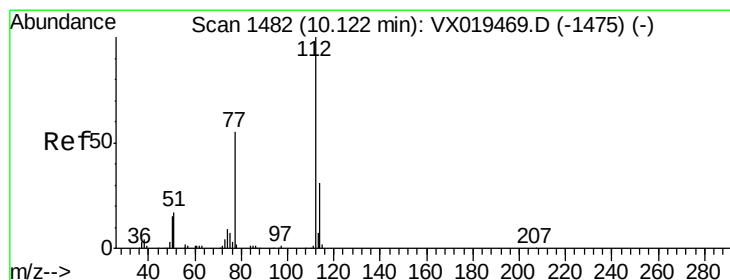
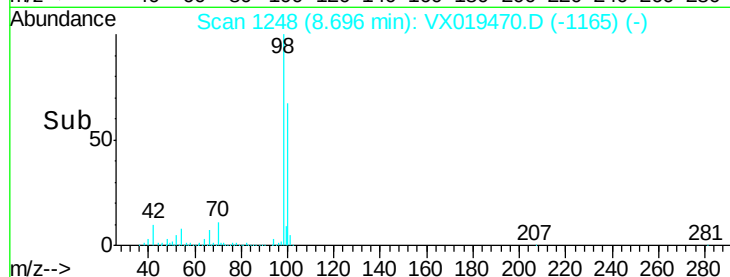
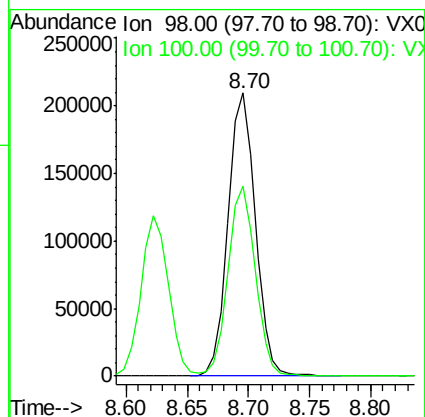
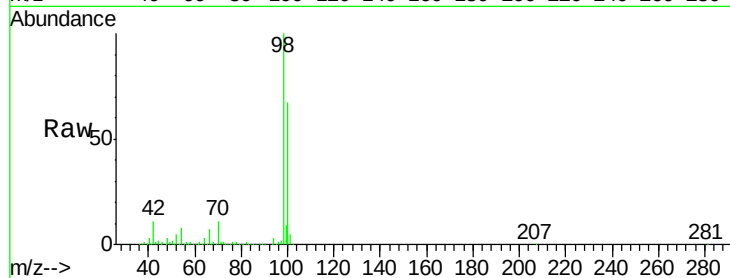
VSTDIC050

Tgt Ion: 98 Resp: 323402

Ion Ratio Lower Upper

98 100

100 67.2 53.6 80.4



#64

Chlorobenzene

Concen: 50.377 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX019470.D

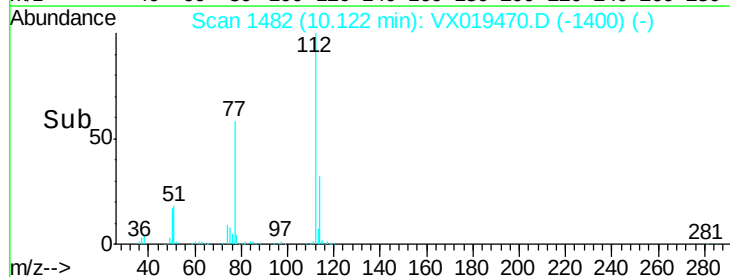
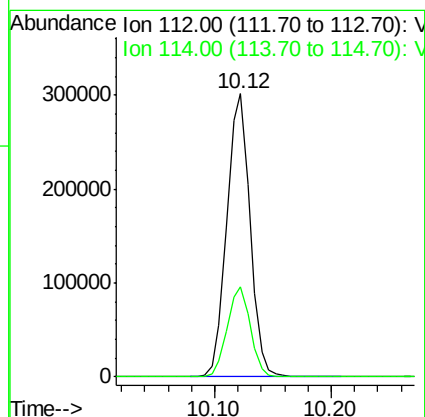
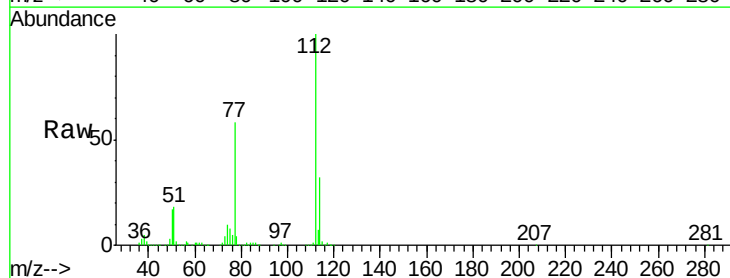
Acq: 19 Nov 2020 16:58

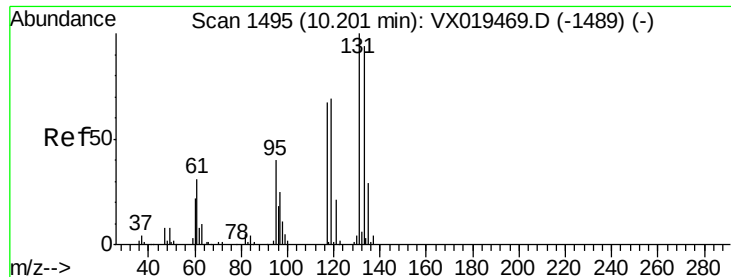
Tgt Ion: 112 Resp: 416197

Ion Ratio Lower Upper

112 100

114 31.9 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 50.951 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

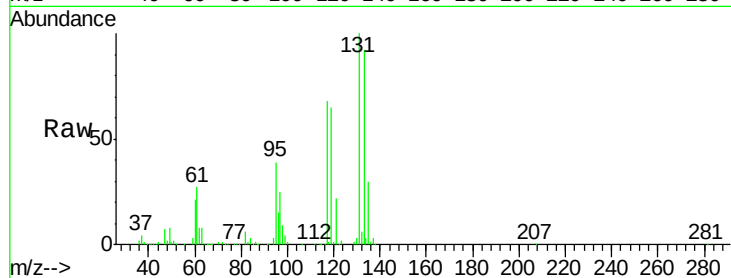
Tgt Ion: 131 Resp: 153205

Ion Ratio Lower Upper

131 100

133 95.6 0.0 189.4

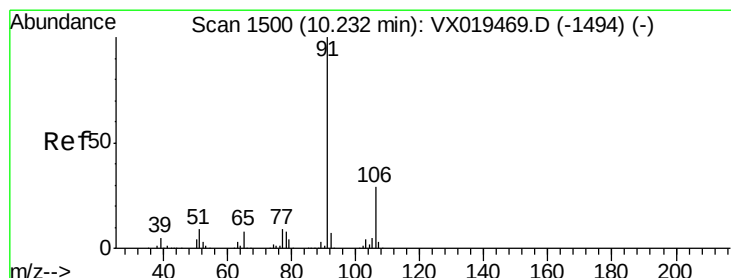
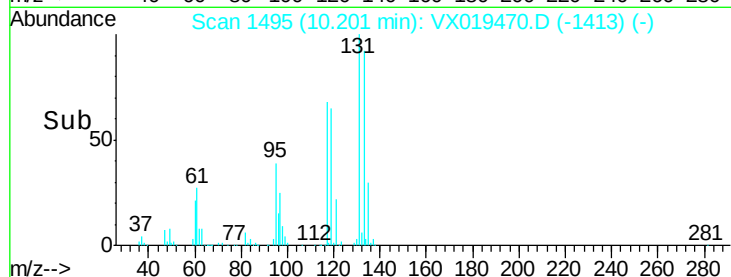
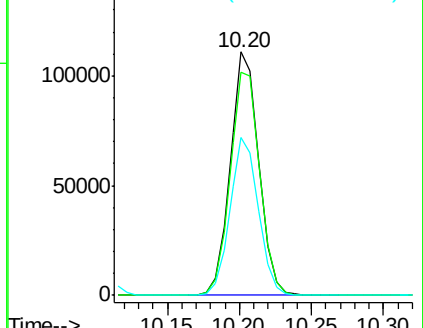
119 65.0 0.0 130.4



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: 52.023 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX019470.D

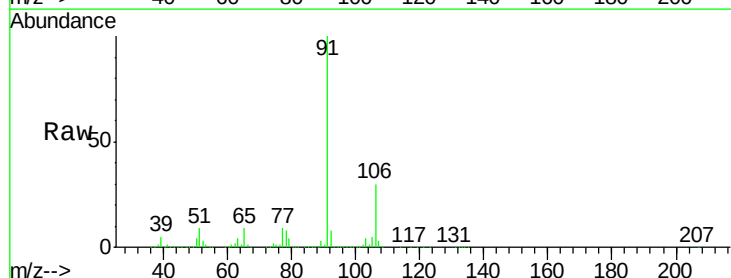
Acq: 19 Nov 2020 16:58

Tgt Ion: 91 Resp: 758217

Ion Ratio Lower Upper

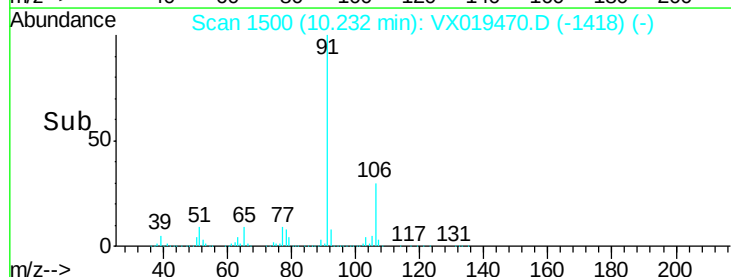
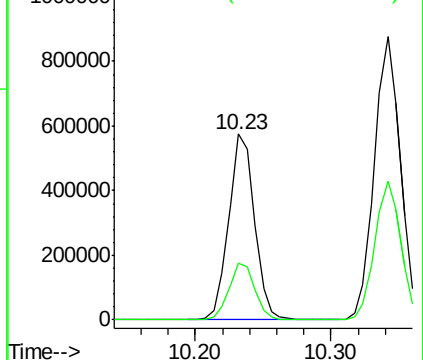
91 100

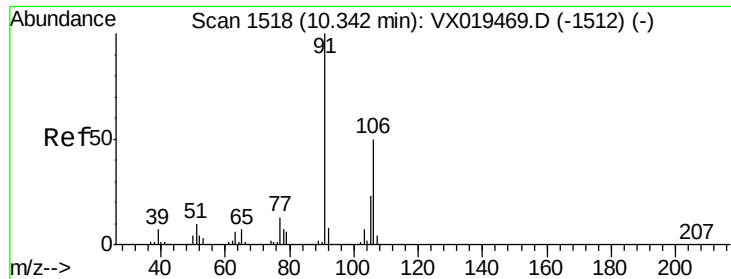
106 30.3 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

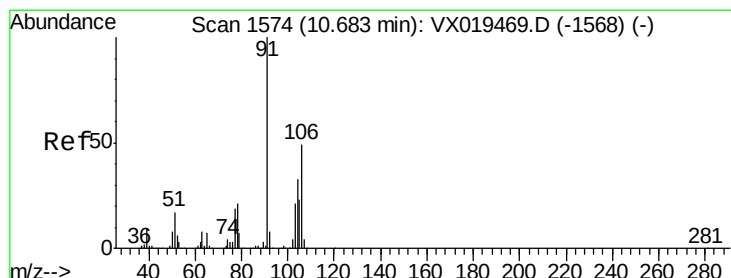
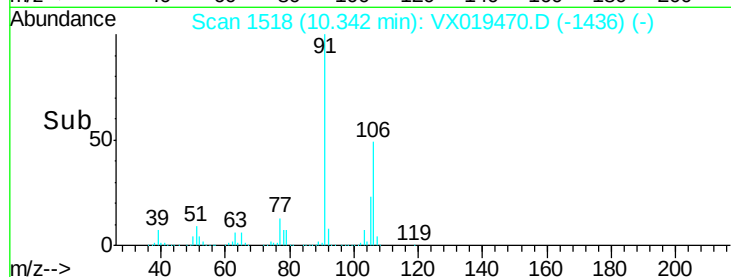
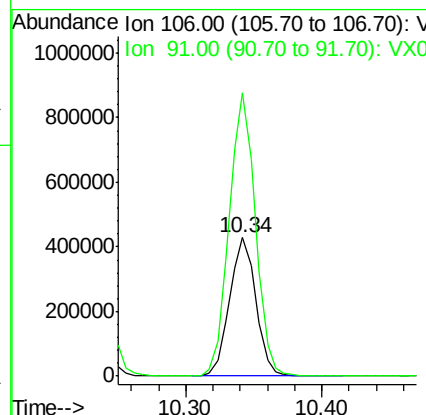
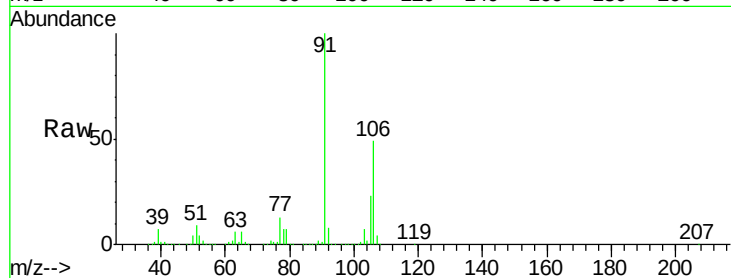




#67
m/p-Xylenes
Concen: 103.625 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

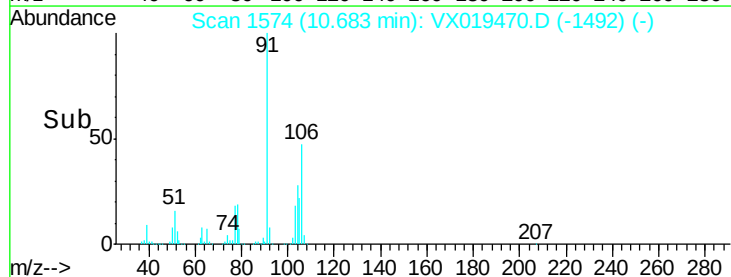
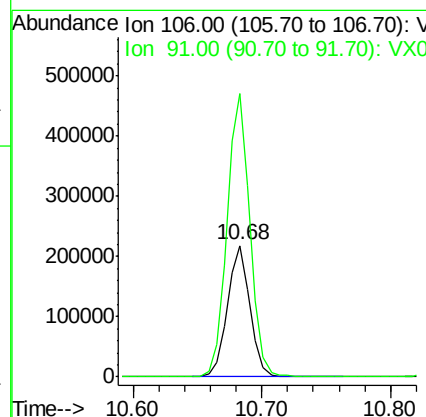
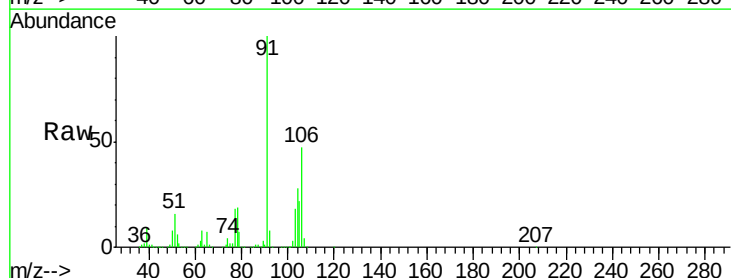
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

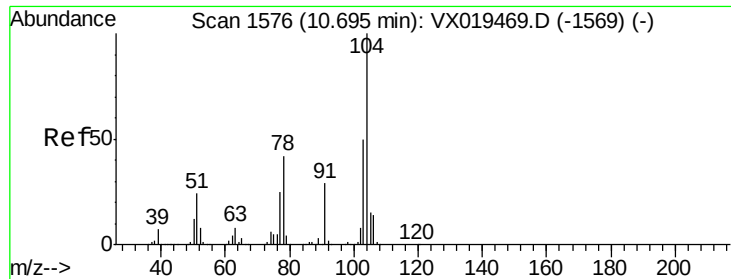
Tgt Ion:106 Resp: 575000
Ion Ratio Lower Upper
106 100
91 203.8 162.7 244.1



#68
o-Xylene
Concen: 50.745 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion:106 Resp: 268531
Ion Ratio Lower Upper
106 100
91 218.6 108.3 324.9

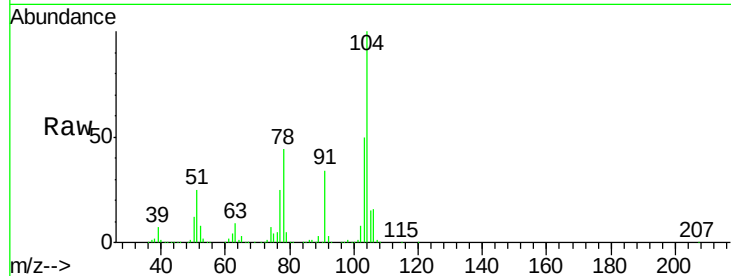




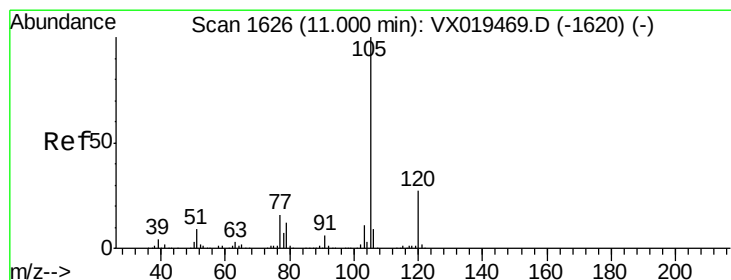
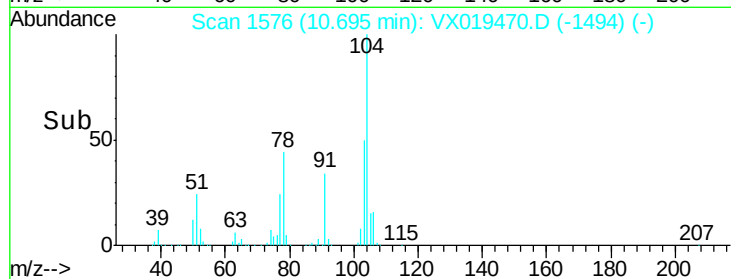
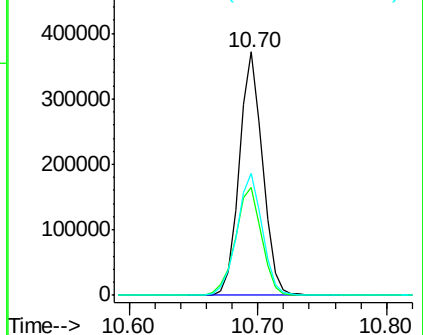
#69
Styrene
Concen: 51.997 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:104 Resp: 465049
Ion Ratio Lower Upper
104 100
78 50.1 39.2 58.8
103 54.4 43.8 65.8

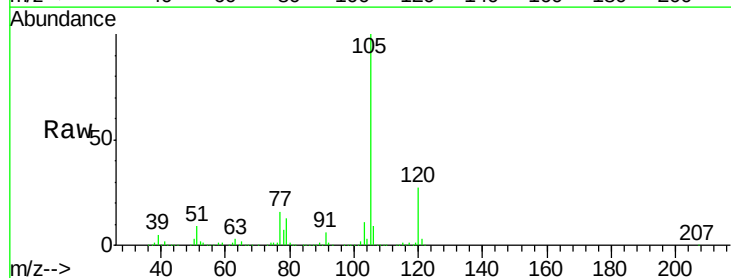


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V

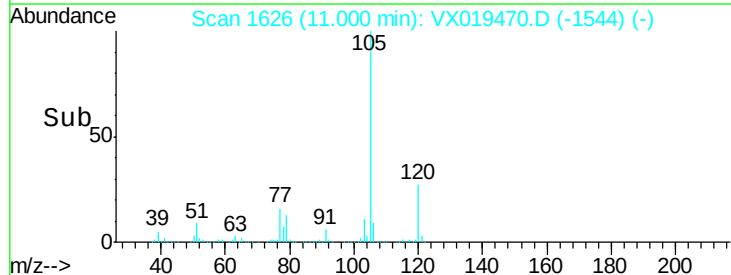
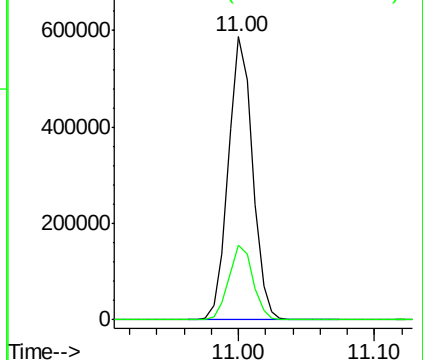


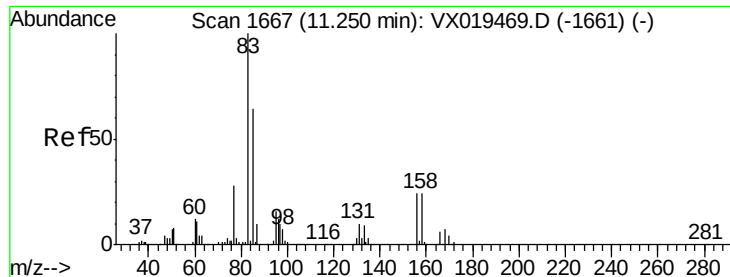
#70
Isopropylbenzene
Concen: 50.889 ug/l
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion:105 Resp: 727227
Ion Ratio Lower Upper
105 100
120 26.5 18.5 34.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#71

1,1,2,2-Tetrachloroethane

Concen: 57.522 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

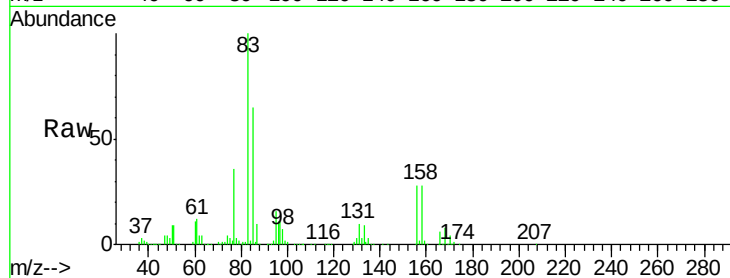
Tgt Ion: 83 Resp: 244158

Ion Ratio Lower Upper

83 100

131 10.2 4.9 14.7

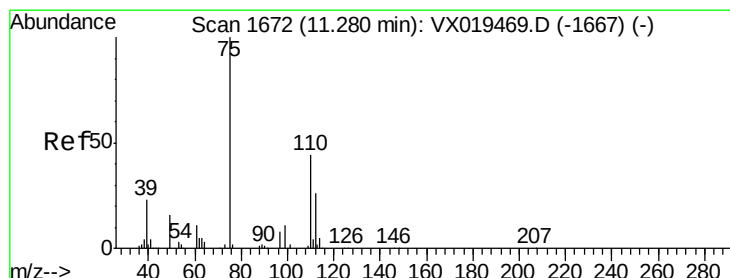
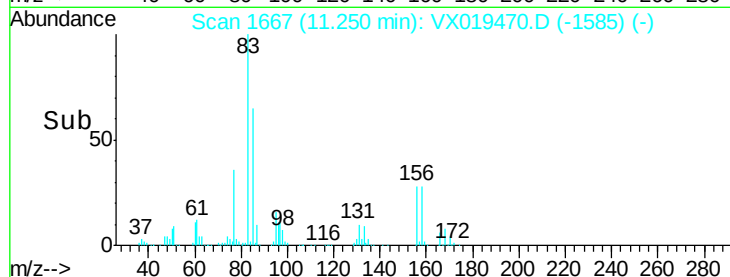
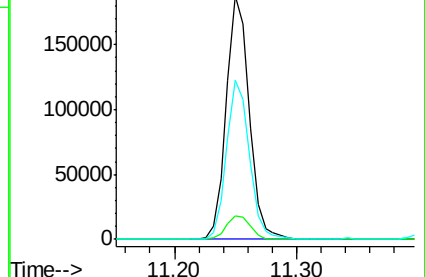
85 65.2 31.6 94.8



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: 74.406 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX019470.D

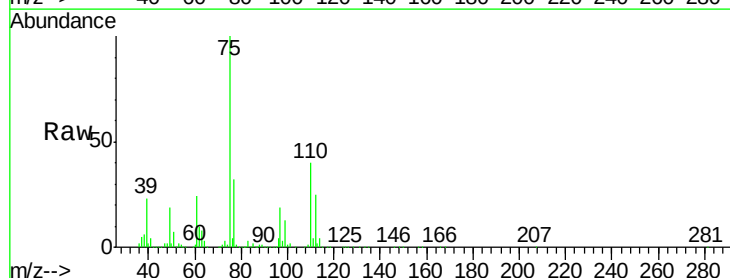
Acq: 19 Nov 2020 16:58

Tgt Ion: 75 Resp: 282614

Ion Ratio Lower Upper

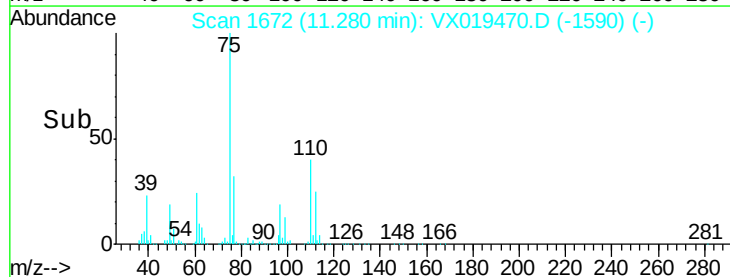
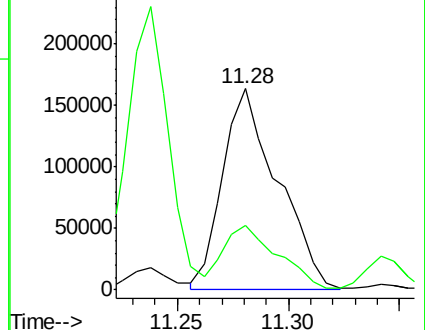
75 100

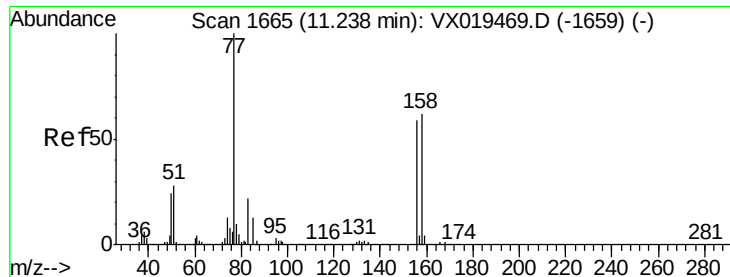
77 31.9 0.0 78.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 50.442 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

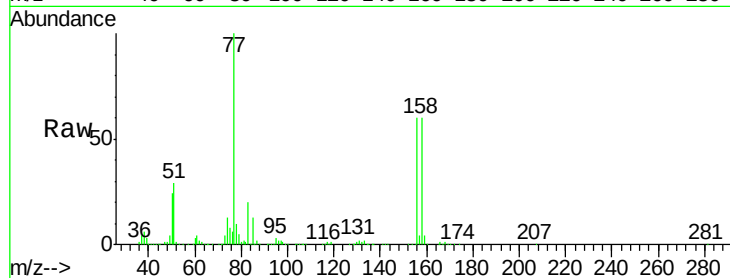
Tgt Ion:156 Resp: 176390

Ion Ratio Lower Upper

156 100

77 168.0 0.0 329.0

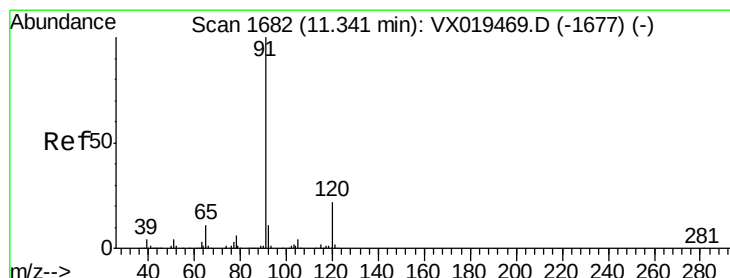
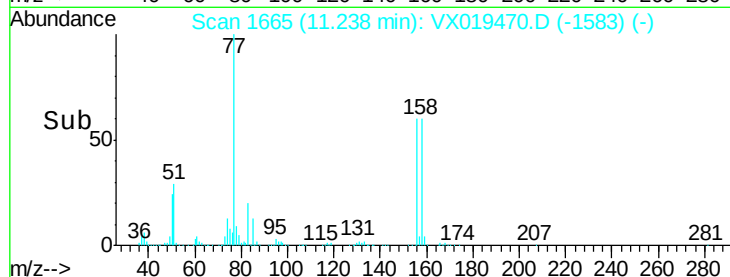
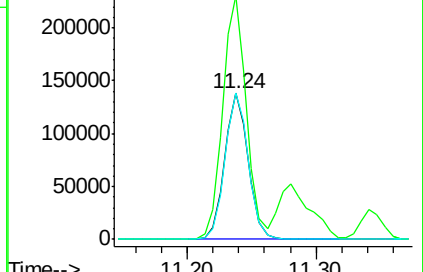
158 99.5 0.0 197.0



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: 52.915 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019470.D

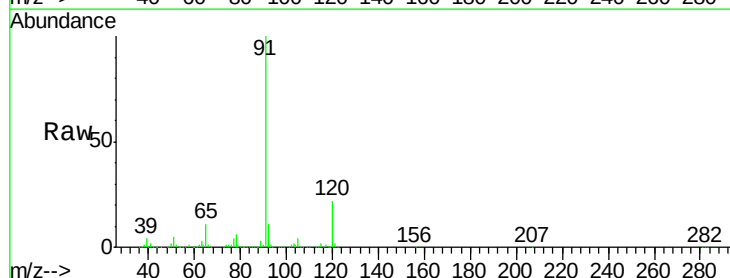
Acq: 19 Nov 2020 16:58

Tgt Ion: 91 Resp: 856661

Ion Ratio Lower Upper

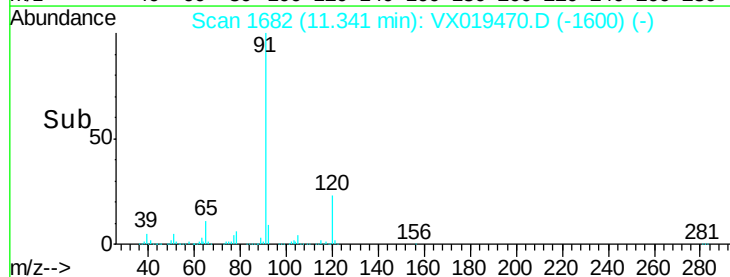
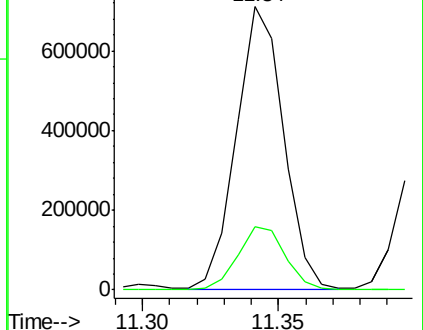
91 100

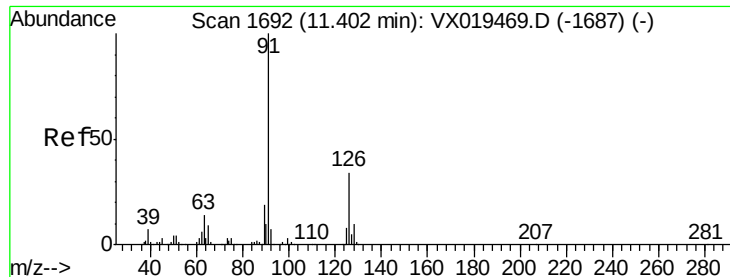
120 22.5 0.0 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 54.192 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

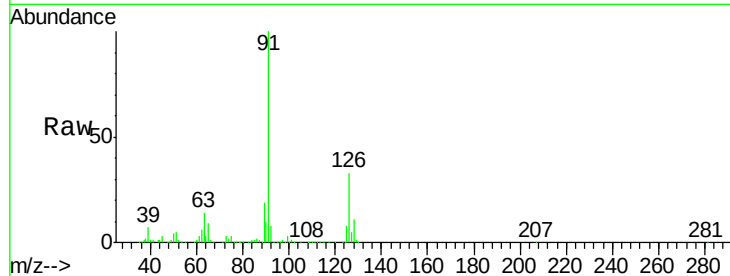
VSTDIC050

Tgt Ion: 91 Resp: 504485

Ion Ratio Lower Upper

91 100

126 33.5 0.0 66.4



Abundance Ion 91.00 (90.70 to 91.70): VX019469.D (-1687) (-)

Ion 126.00 (125.70 to 126.70): VX019469.D (-1687) (-)

800000

600000

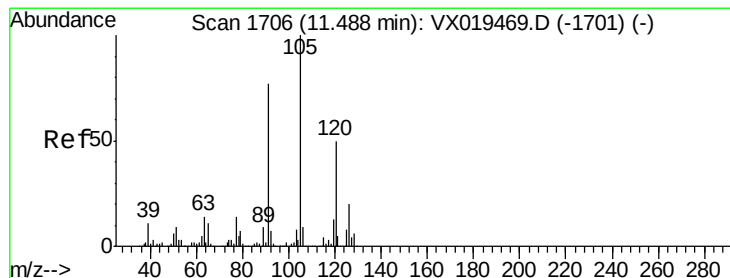
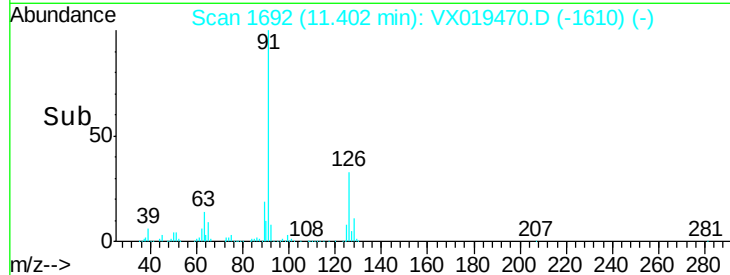
400000

200000

0

11.35 11.40 11.45

Time-->



#76

1,3,5-Trimethylbenzene

Concen: 53.775 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX019470.D

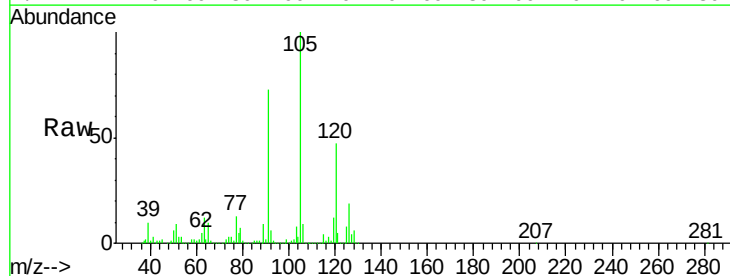
Acq: 19 Nov 2020 16:58

Tgt Ion: 105 Resp: 627084

Ion Ratio Lower Upper

105 100

120 48.2 0.0 99.4



Abundance Ion 105.00 (104.70 to 105.70): VX019469.D (-1701) (-)

Ion 120.00 (119.70 to 120.70): VX019469.D (-1701) (-)

600000

500000

400000

300000

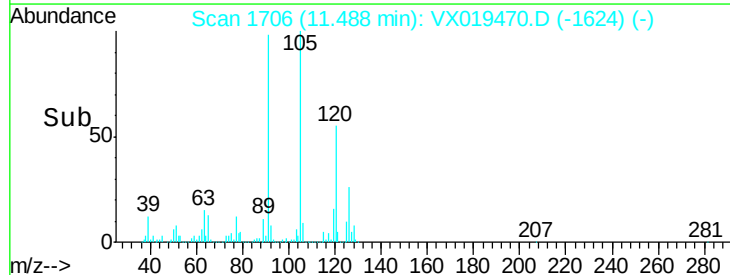
200000

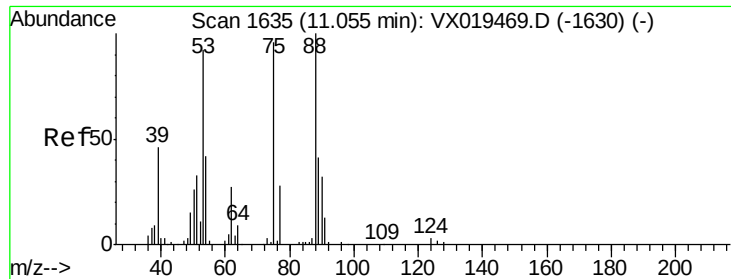
100000

0

11.45 11.50 11.55

Time-->





#77

t-1,4-Dichloro-2-butene

Concen: 53.768 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

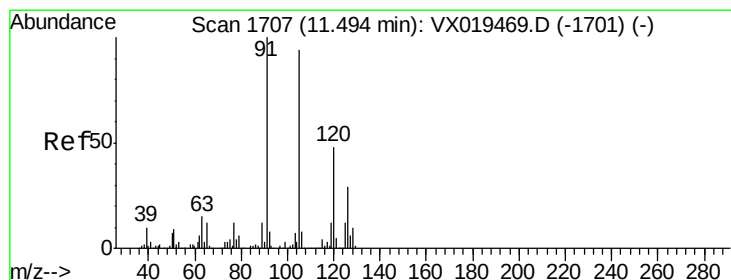
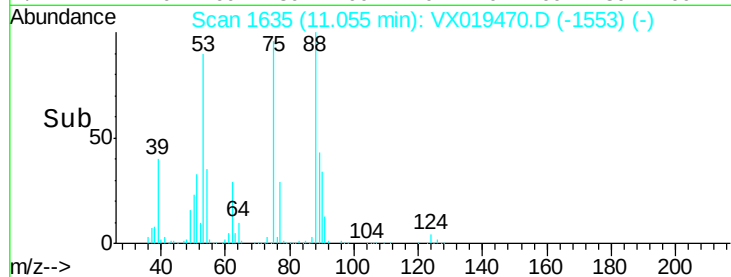
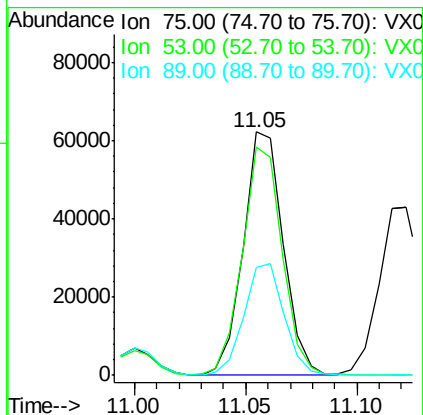
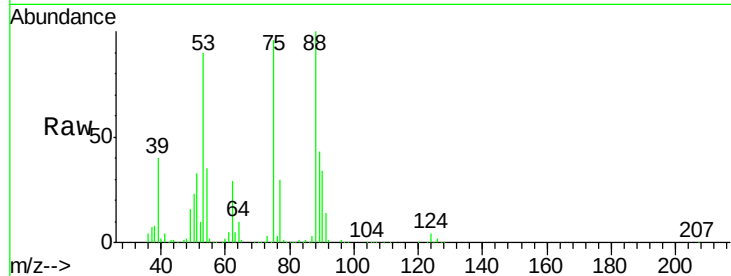
Tgt Ion: 75 Resp: 78143

Ion Ratio Lower Upper

75 100

53 93.5 47.9 143.6

89 44.4 21.4 64.2



#78

4-Chlorotoluene

Concen: 54.524 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX019470.D

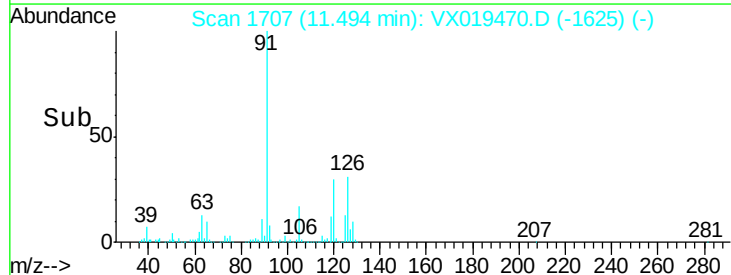
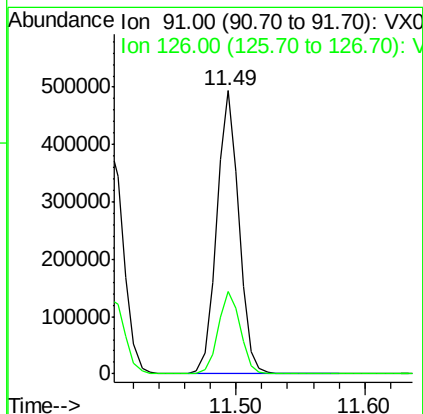
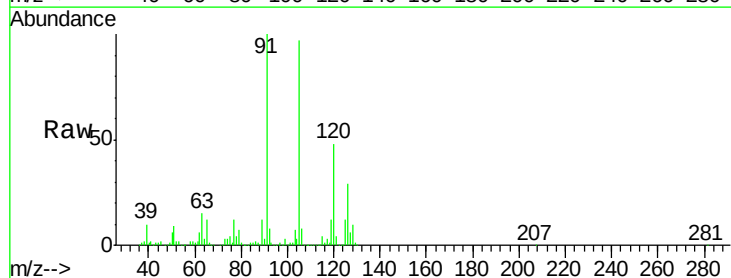
Acq: 19 Nov 2020 16:58

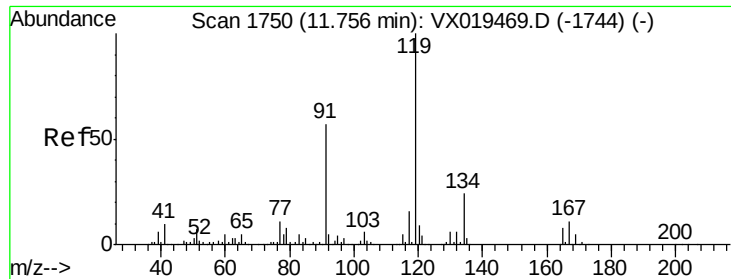
Tgt Ion: 91 Resp: 594374

Ion Ratio Lower Upper

91 100

126 29.4 0.0 58.6

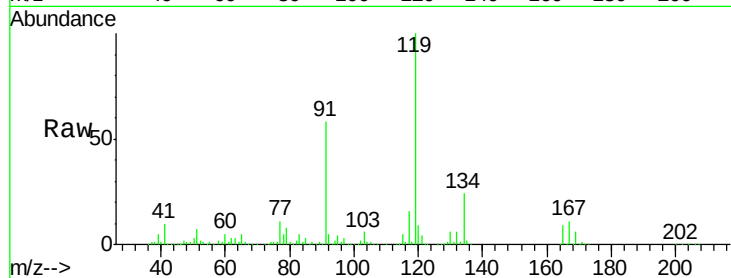




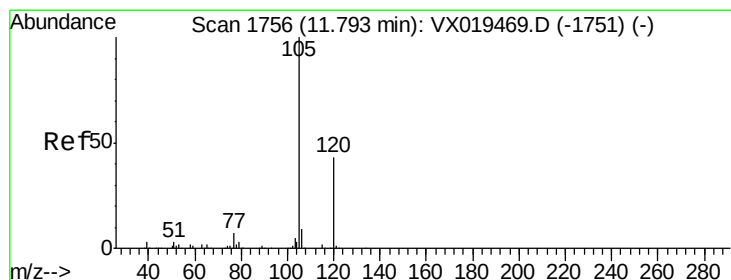
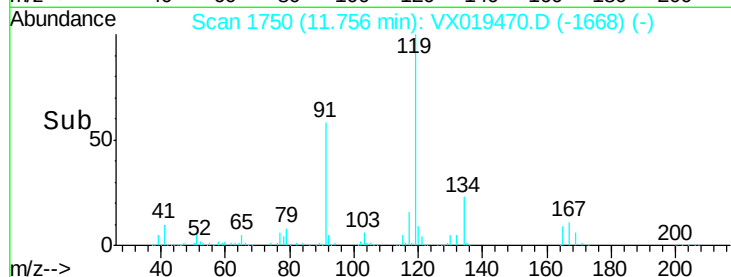
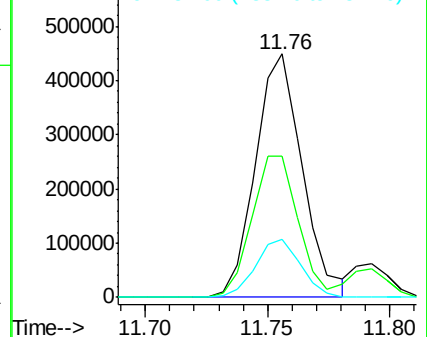
#79
tert-butylbenzene
Concen: 52.401 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	57.4	0.0	117.0
134	22.9	0.0	47.2

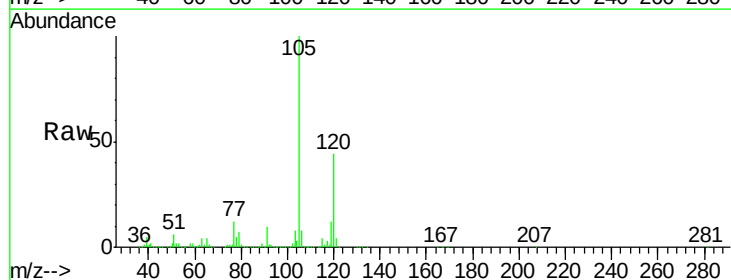


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

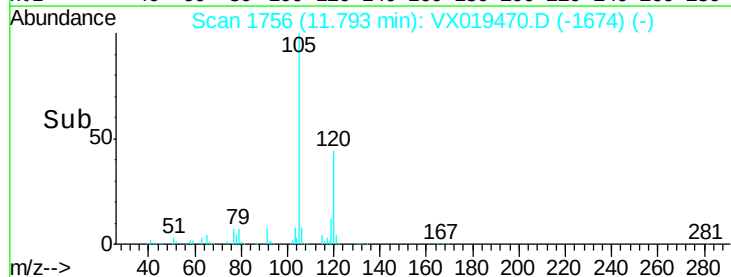
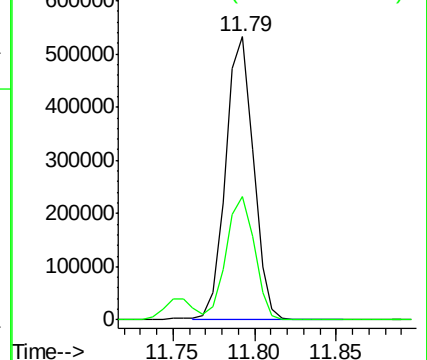


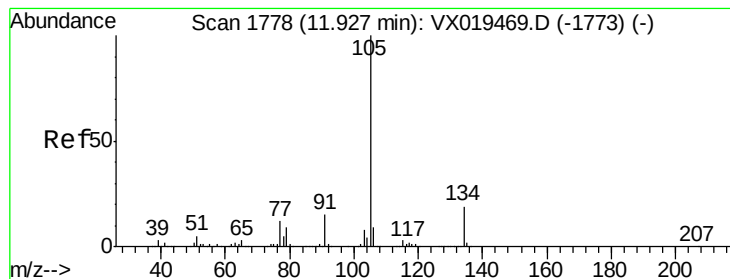
#80
1,2,4-Trimethylbenzene
Concen: 54.618 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.4	0.0	91.2



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#81

sec-Butylbenzene

Concen: 52.474 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

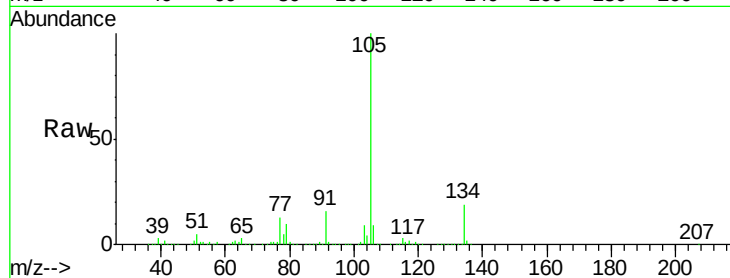
VSTDIC050

Tgt Ion:105 Resp: 712135

Ion Ratio Lower Upper

105 100

134 20.0 0.0 39.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

600000

500000

400000

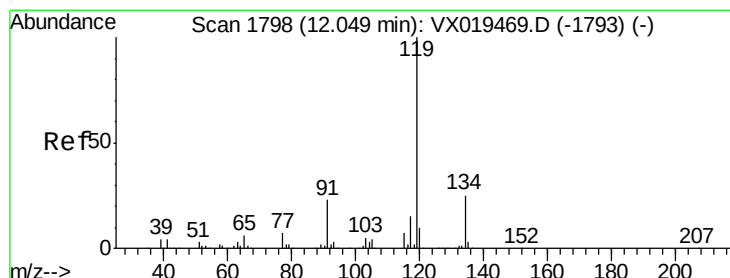
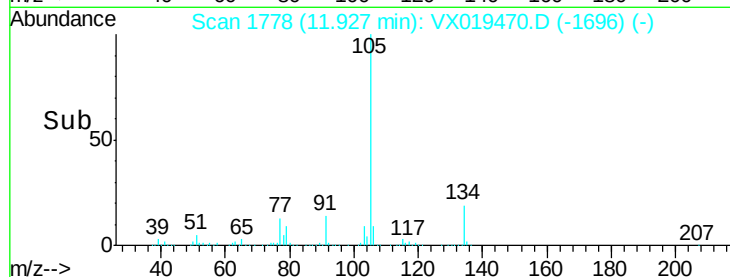
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#82

p-Isopropyltoluene

Concen: 51.928 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

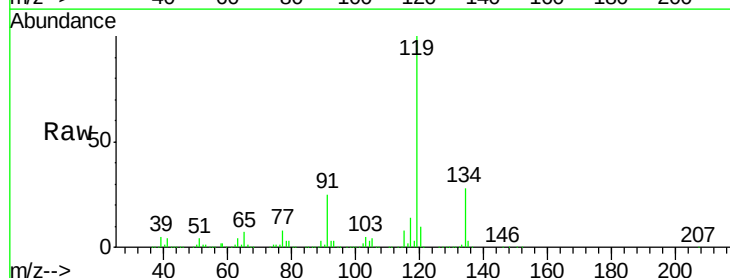
Tgt Ion:119 Resp: 646665

Ion Ratio Lower Upper

119 100

134 26.8 0.0 51.8

91 23.9 0.0 47.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

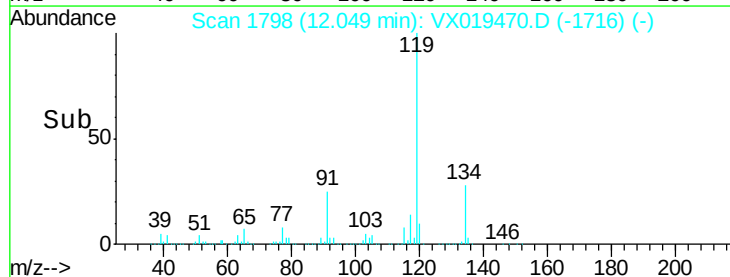
600000

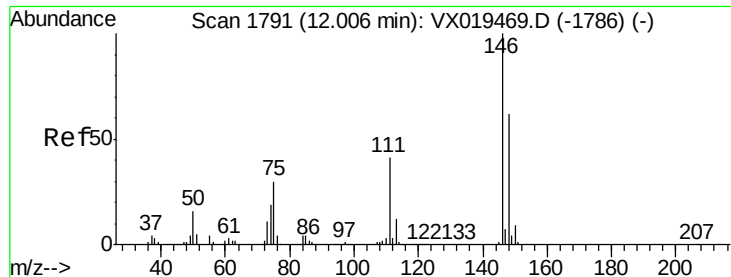
400000

200000

0

Time--> 12.00 12.05 12.10

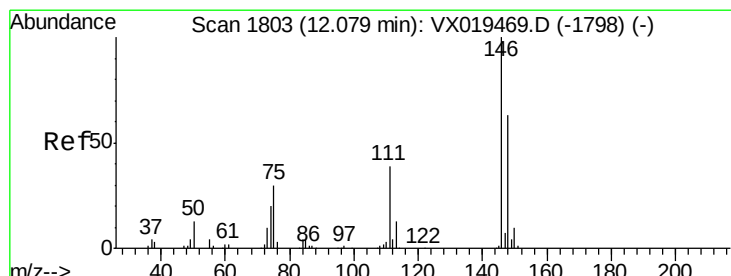
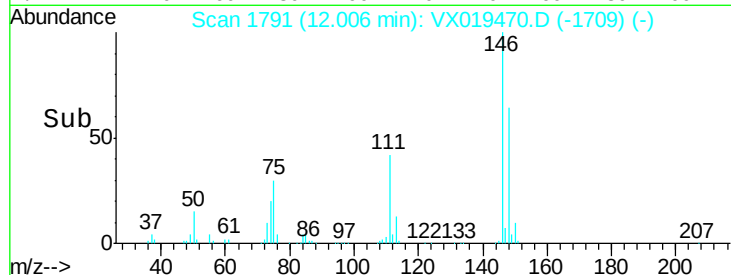
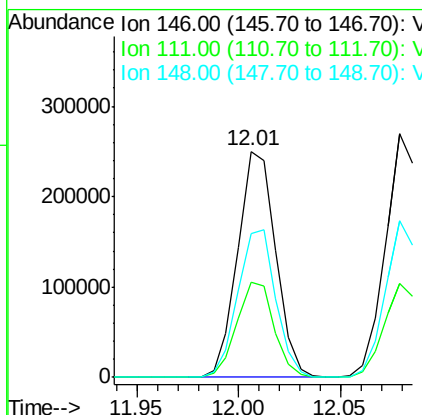
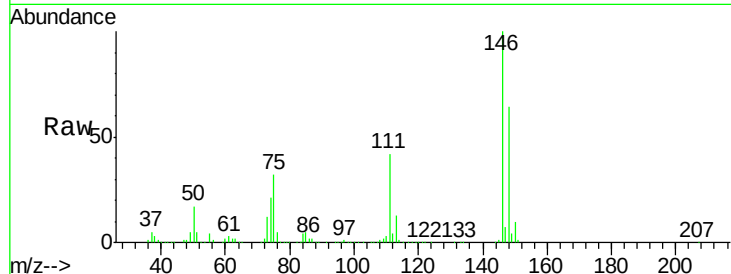




#83
 1,3-Dichlorobenzene
 Concen: 51.406 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

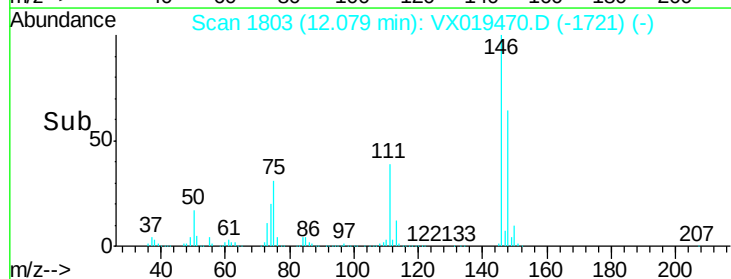
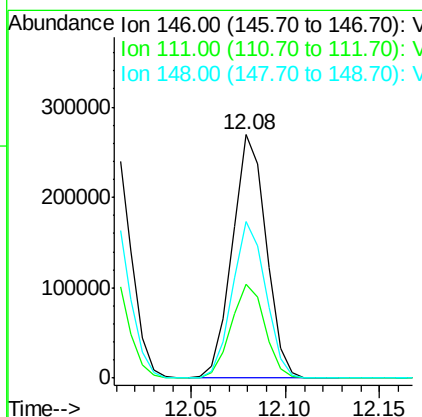
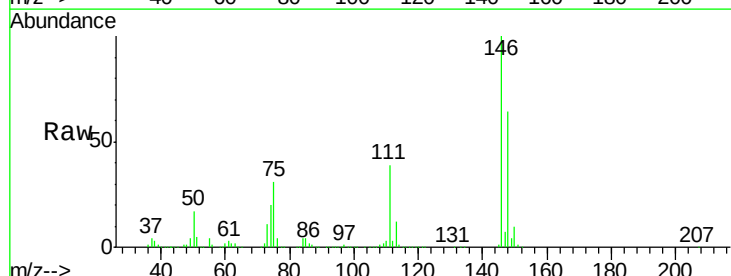
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

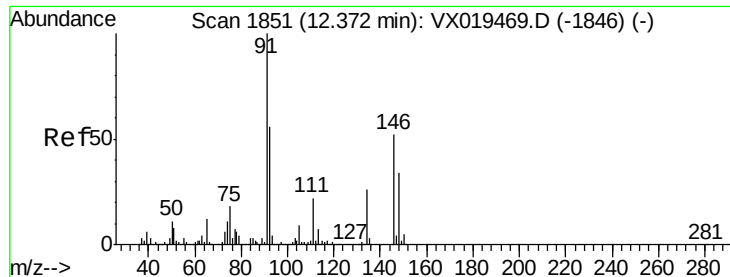
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.0	60.0
148	65.3	31.4	94.0



#84
 1,4-Dichlorobenzene
 Concen: 52.424 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.9
148	63.8	31.4	94.2





#85

n-Butylbenzene

Concen: 53.433 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX019470.D

Acq: 19 Nov 2020 16:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

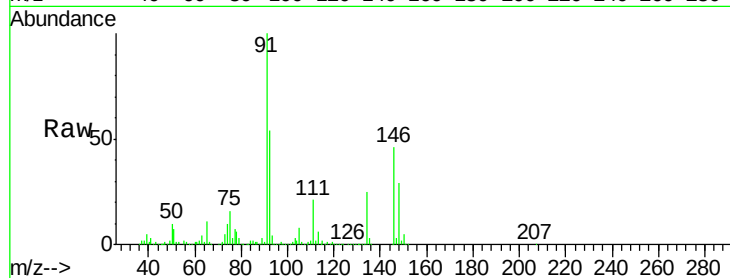
Tgt Ion: 91 Resp: 594595

Ion Ratio Lower Upper

91 100

92 54.3 0.0 111.2

134 25.6 0.0 51.2



Abundance Ion 91.00 (90.70 to 91.70): VX019470.D (-1769) (-)

Ion 92.00 (91.70 to 92.70): VX019470.D (-1769) (-)

Ion 134.00 (133.70 to 134.70): VX019470.D (-1769) (-)

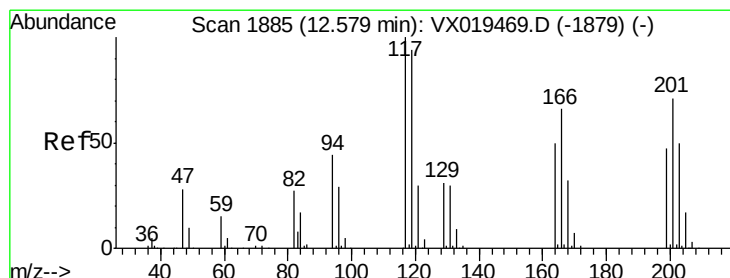
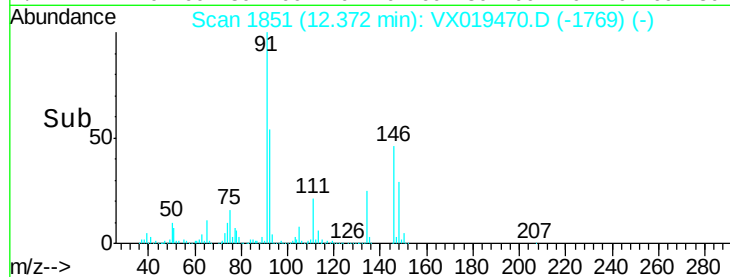
12.37

400000

200000

0

Time-->



#86

Hexachloroethane

Concen: 55.639 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX019470.D

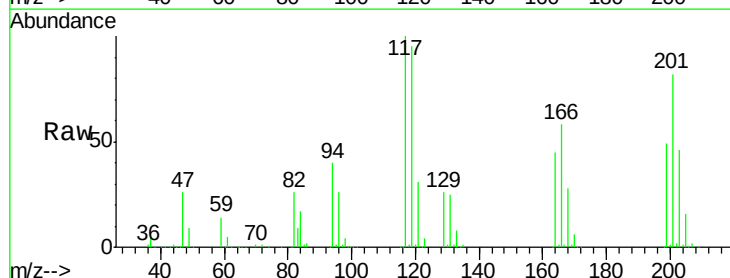
Acq: 19 Nov 2020 16:58

Tgt Ion: 117 Resp: 108373

Ion Ratio Lower Upper

117 100

201 79.0 38.4 115.1



Abundance Ion 117.00 (116.70 to 117.70): VX019470.D (-1852) (-)

Ion 201.00 (200.70 to 201.70): VX019470.D (-1852) (-)

12.58

100000

80000

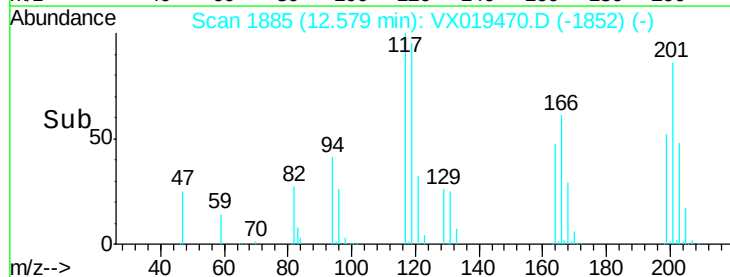
60000

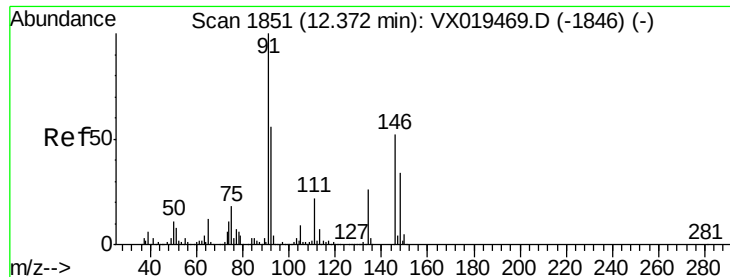
40000

20000

0

Time-->

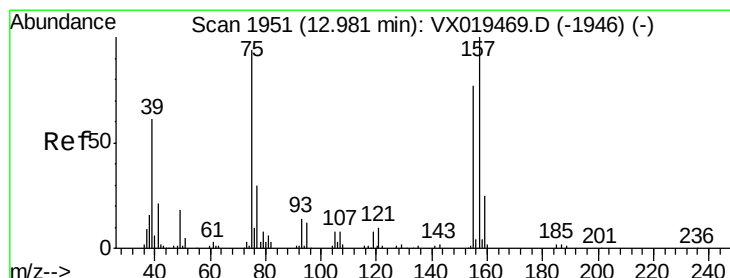
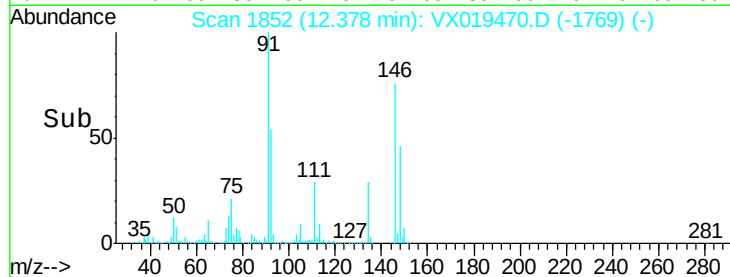
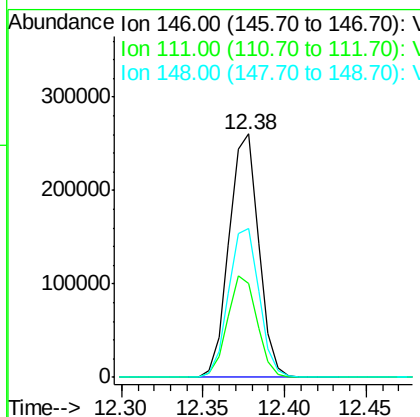
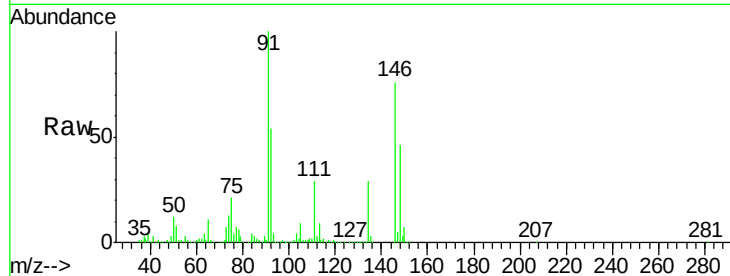




#87
 1,2-Dichlorobenzene
 Concen: 54.425 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.01 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

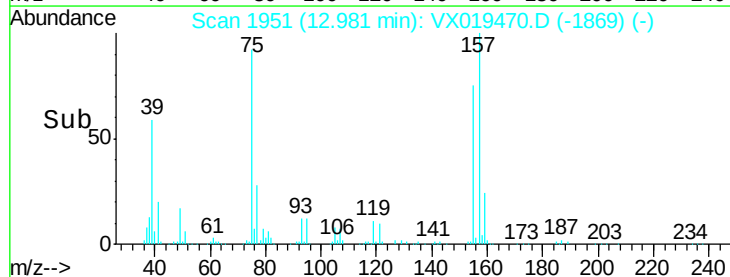
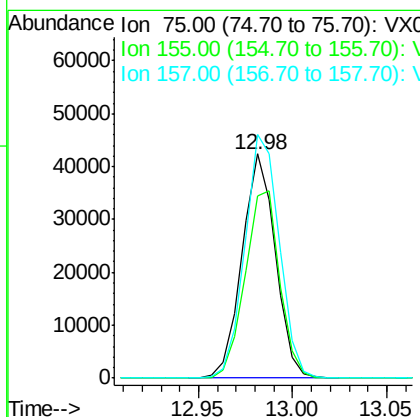
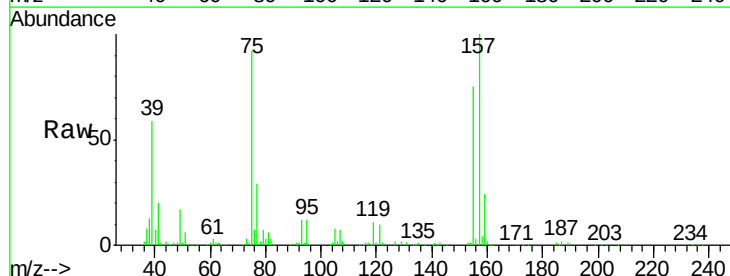
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

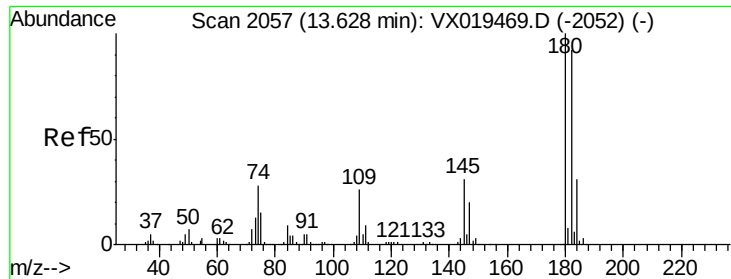
Tgt Ion: 146 Resp: 330247
 Ion Ratio Lower Upper
 146 100
 111 41.4 20.5 61.6
 148 62.7 31.5 94.5



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 55.515 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX019470.D
 Acq: 19 Nov 2020 16:58

Tgt Ion: 75 Resp: 52082
 Ion Ratio Lower Upper
 75 100
 155 86.5 68.6 103.0
 157 111.8 90.0 135.0

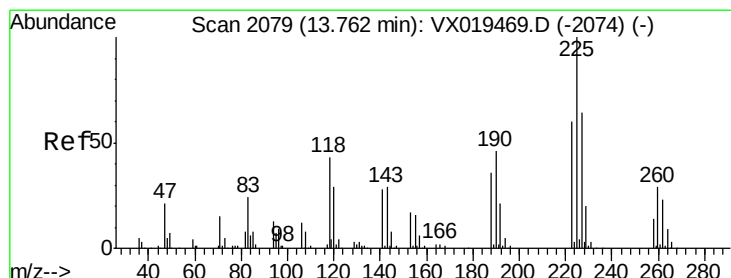
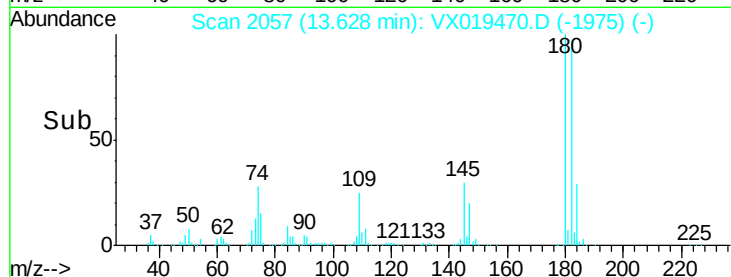
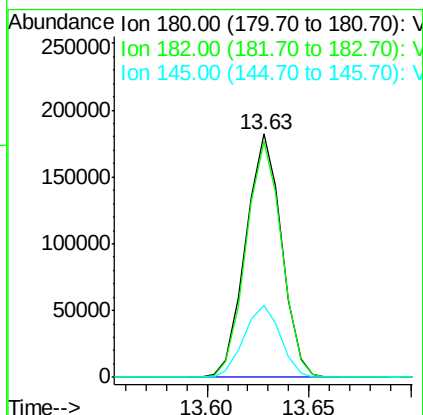
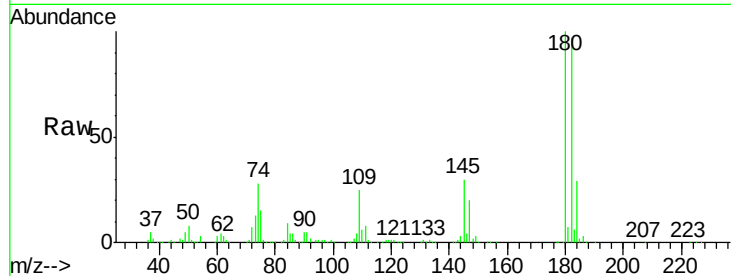




#89
1,2,4-Trichlorobenzene
Concen: 52.166 ug/l
RT: 13.63 min Scan# 2057
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

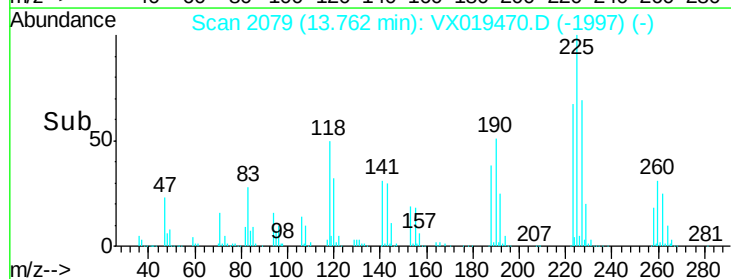
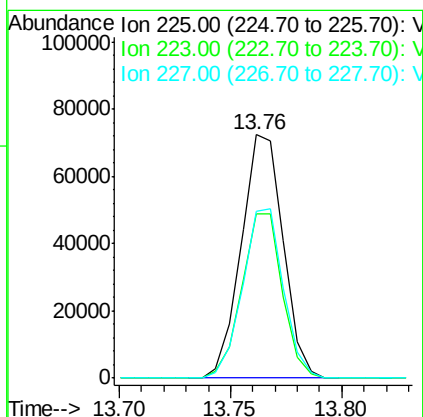
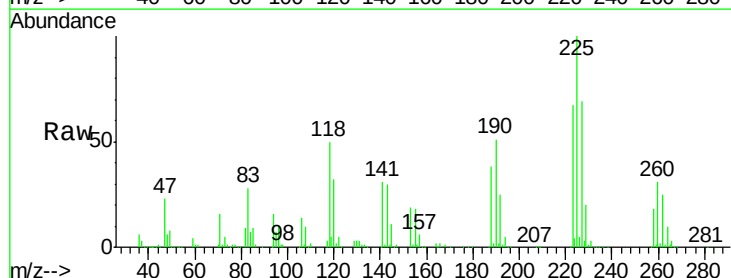
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

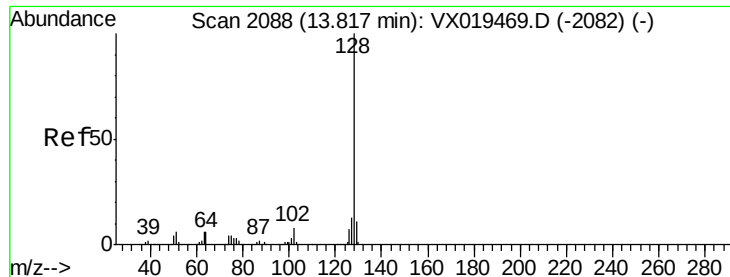
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.1	114.1
145	30.3	24.7	37.1



#90
Hexachlorobutadiene
Concen: 51.193 ug/l
RT: 13.76 min Scan# 2079
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.3	0.0	119.2
227	67.3	0.0	126.4

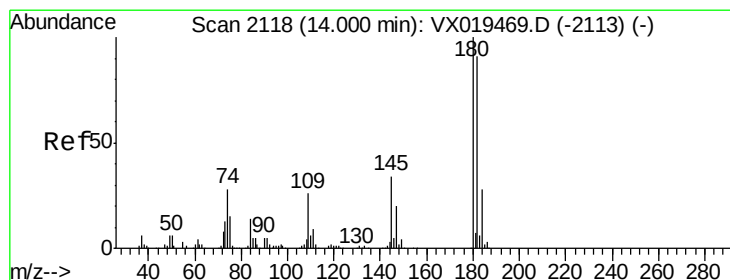
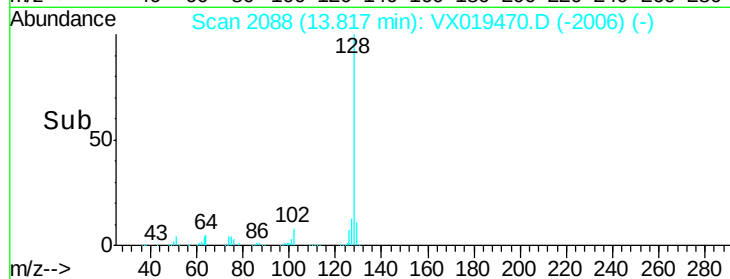
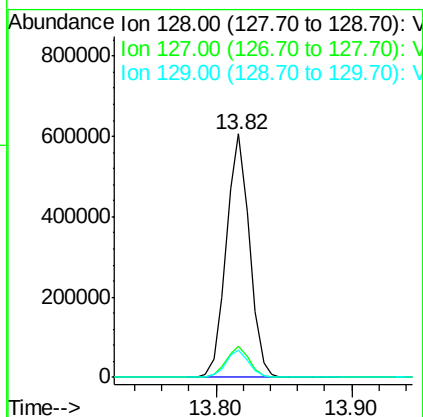
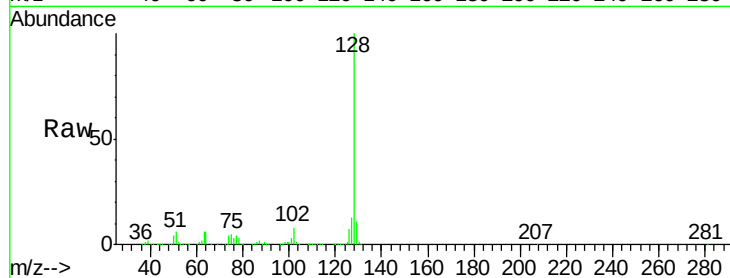




#91
Naphthalene
Concen: 51.378 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 714383
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.0 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 53.519 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX019470.D
Acq: 19 Nov 2020 16:58

Tgt Ion:180 Resp: 222025
Ion Ratio Lower Upper
180 100
182 95.9 0.0 192.2
145 31.9 0.0 63.6

