

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\
 Data File : VX019003.D
 Acq On : 21 Oct 2020 12:18
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Oct 21 12:39:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 21 11:52:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	381913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	634602	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	611714	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	348112	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	655600	122.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	244.62%	
35) Dibromofluoromethane	5.46	113	621254	144.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	289.12%	
50) Toluene-d8	8.70	98	2335145	146.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	293.98%	
62) 4-Bromofluorobenzene	11.12	95	898585	143.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	287.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	462491	130.644	ug/l	98
3) Chloromethane	1.31	50	443156	106.275	ug/l	98
4) Vinyl Chloride	1.39	62	612869	133.305	ug/l	99
5) Bromomethane	1.62	94	327470	109.237	ug/l	96
6) Chloroethane	1.69	64	474844	170.662	ug/l	99
7) Trichlorofluoromethane	1.90	101	1133770	157.716	ug/l	99
8) Diethyl Ether	2.17	74	446013	172.113	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	462830	127.520	ug/l	99
10) Methyl Iodide	2.48	142	663475	167.514	ug/l	100
11) Tert butyl alcohol	3.04	59	728185	750.939	ug/l	99
12) 1,1-Dichloroethene	2.35	96	488460	132.979	ug/l	97
13) Acrolein	2.27	56	355441	592.063	ug/l	99
14) Allyl chloride	2.70	41	653618	95.668	ug/l	97
15) Acrylonitrile	3.12	53	1321737	601.948	ug/l	100
16) Acetone	2.43	43	1107293	547.272	ug/l	98
17) Carbon Disulfide	2.54	76	1412300	128.660	ug/l	99
18) Methyl Acetate	2.75	43	543728	109.562	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	1696708	132.022	ug/l	99
20) Methylene Chloride	2.83	84	597389	130.706	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	645113	148.376	ug/l	95
22) Diisopropyl ether	3.83	45	1300586	100.478	ug/l	88
23) Vinyl Acetate	3.79	43	6335036	547.037	ug/l	95
24) 1,1-Dichloroethane	3.67	63	979614	126.552	ug/l	98
25) 2-Butanone	4.64	43	1808045	571.863	ug/l	98
26) 2,2-Dichloropropane	4.55	77	939075	129.986	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	734821	149.634	ug/l	95
28) Bromochloromethane	4.98	49	386249	108.417	ug/l	# 79
29) Tetrahydrofuran	5.09	42	1040982	532.131	ug/l	97
30) Chloroform	5.18	83	1110623	139.174	ug/l	99
31) Cyclohexane	5.55	56	730853	114.242	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	1013747	136.951	ug/l	97
36) 1,1-Dichloropropene	5.77	75	812480	133.562	ug/l	98
37) Ethyl Acetate	4.80	43	712950	112.813	ug/l	98
38) Carbon Tetrachloride	5.75	117	885929	133.976	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	925869	135.704	ug/l	97
40) Benzene	6.11	78	2450707	139.288	ug/l	100
41) Methacrylonitrile	5.01	41	370381	106.202	ug/l	98
42) 1,2-Dichloroethane	6.16	62	808055	120.294	ug/l	98
43) Isopropyl Acetate	6.42	43	1173338	111.665	ug/l	97
44) Trichloroethene	7.19	130	716710	141.953	ug/l	100
45) 1,2-Dichloropropane	7.49	63	576387	121.326	ug/l	100
46) Dibromomethane	7.63	93	456000	138.716	ug/l	94
47) Bromodichloromethane	7.88	83	912077	137.629	ug/l #	99
48) Methyl methacrylate	7.75	41	553846	109.220	ug/l	95
49) 1,4-Dioxane	7.72	88	314842	3488.926	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	3593610	573.392	ug/l	97
52) Toluene	8.77	92	1666831	148.329	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	1034957	136.609	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	1081367	139.273	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	694563	149.999	ug/l	98
56) Ethyl methacrylate	9.16	69	1011254	148.254	ug/l	97
57) 1,3-Dichloropropane	9.35	76	1075223	138.958	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2525891	700.865	ug/l	93
59) 2-Hexanone	9.48	43	2814638	590.779	ug/l	97
60) Dibromochloromethane	9.57	129	819086	150.421	ug/l	100
61) 1,2-Dibromoethane	9.65	107	762347	154.677	ug/l	99
64) Tetrachloroethene	9.32	164	653442	138.214	ug/l	95
65) Chlorobenzene	10.12	112	1884875	149.342	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	723613	145.485	ug/l	98
67) Ethyl Benzene	10.24	91	3178971	145.802	ug/l	99
68) m/p-Xylenes	10.34	106	2562482	307.052	ug/l	95
69) o-Xylene	10.68	106	1259425	160.037	ug/l	95
70) Styrene	10.70	104	2151611	159.179	ug/l	99
71) Bromoform	10.84	173	687427	165.395	ug/l #	100
73) Isopropylbenzene	11.00	105	3262455	139.499	ug/l	98
74) N-amyl acetate	10.88	43	1049803	105.544	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	1061817	138.491	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	1236305	170.910	ug/l	86
77) Bromobenzene	11.24	156	918738	144.219	ug/l	91
78) n-propylbenzene	11.35	91	3634287	134.138	ug/l	98
79) 2-Chlorotoluene	11.41	91	2138659	130.781	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2841716	142.867	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	386633	137.429	ug/l	96
82) 4-Chlorotoluene	11.49	91	2606013	134.026	ug/l	98
83) tert-Butylbenzene	11.76	119	2894853	148.932	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2830003	141.738	ug/l	98
85) sec-Butylbenzene	11.93	105	3287934	143.924	ug/l	98
86) p-Isopropyltoluene	12.05	119	3187254	151.747	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1688792	146.935	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1696265	145.208	ug/l	97
89) n-Butylbenzene	12.37	91	2785270	143.714	ug/l	98
90) Hexachloroethane	12.58	117	528343	129.463	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	1640625	151.560	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	254712	138.634	ug/l	92

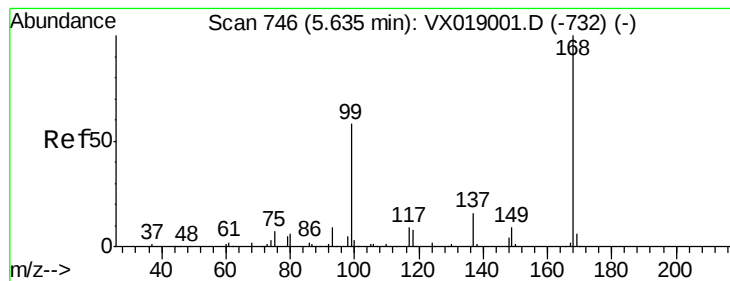
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102120\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1188721	158.971	ug/l	98
94) Hexachlorobutadiene	13.77	225	503740	161.930	ug/l	93
95) Naphthalene	13.82	128	3834554	168.351	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	1158326	162.952	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

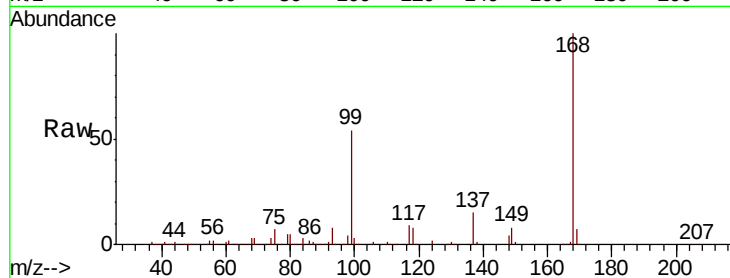
VSTDIC150

Tot Ion:168 Resp: 381913

Ion Ratio Lower Upper

168 100

99 54.0 46.6 70.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

100000

50000

0

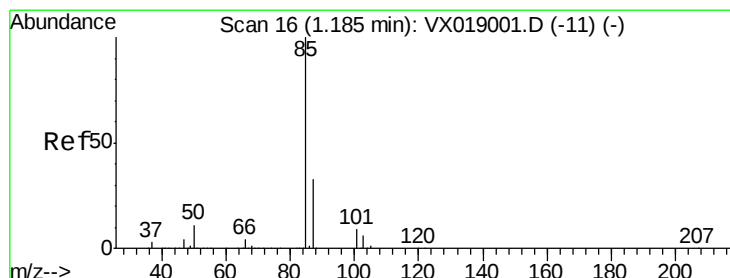
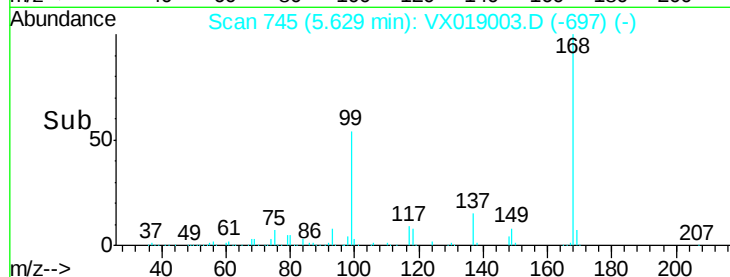
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 130.644 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX019003.D

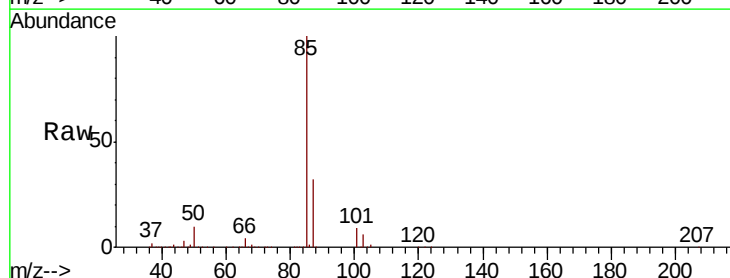
Acq: 21 Oct 2020 12:18

Tgt Ion: 85 Resp: 462491

Ion Ratio Lower Upper

85 100

87 31.6 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

500000

400000

300000

200000

100000

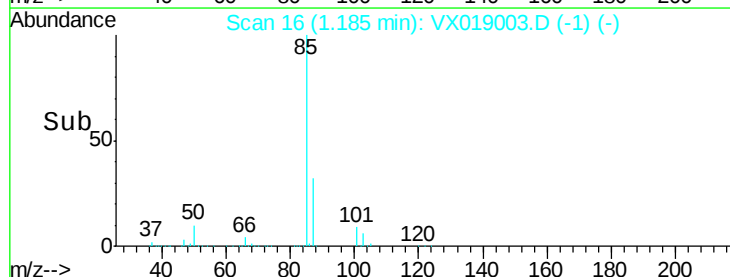
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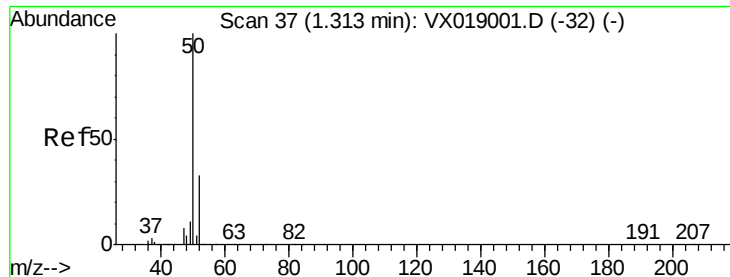
1.10

1.20

1.30

Time-->





#3

Chloromethane

Concen: 106.275 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

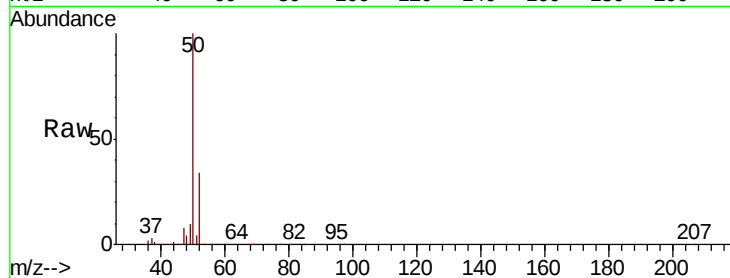
VSTDIC150

Tot Ion: 50 Resp: 443156

Ion Ratio Lower Upper

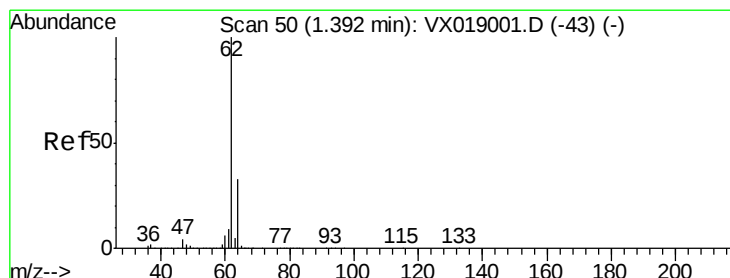
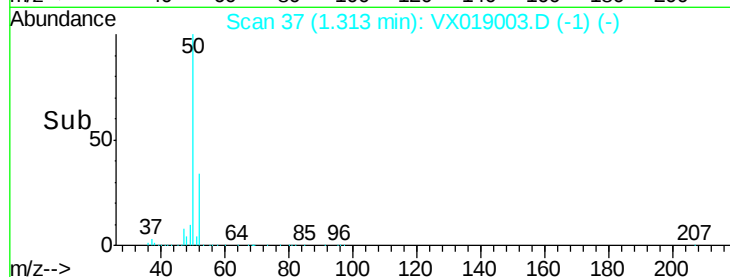
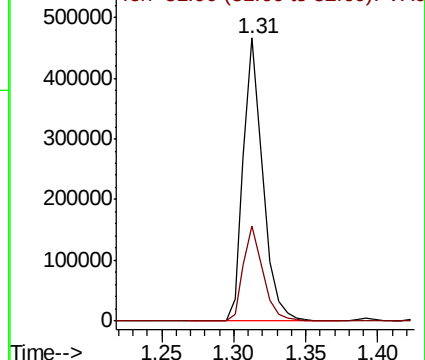
50 100

52 33.8 26.3 39.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 133.305 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX019003.D

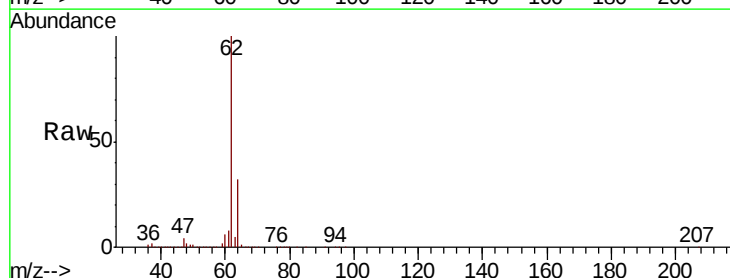
Acq: 21 Oct 2020 12:18

Tgt Ion: 62 Resp: 612869

Ion Ratio Lower Upper

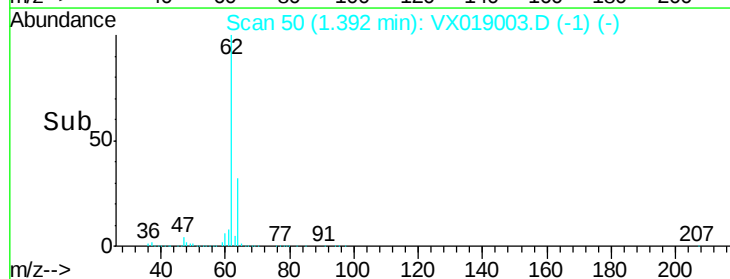
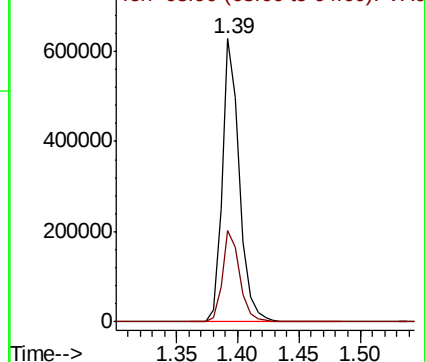
62 100

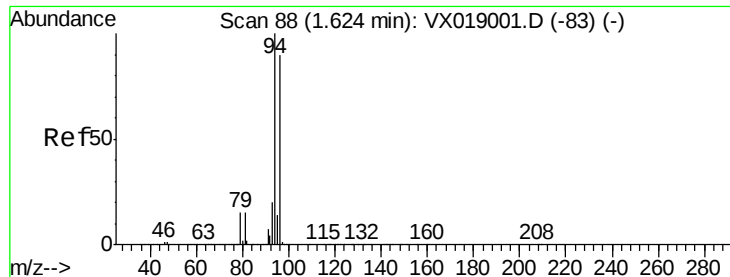
64 32.4 26.2 39.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 109.237 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

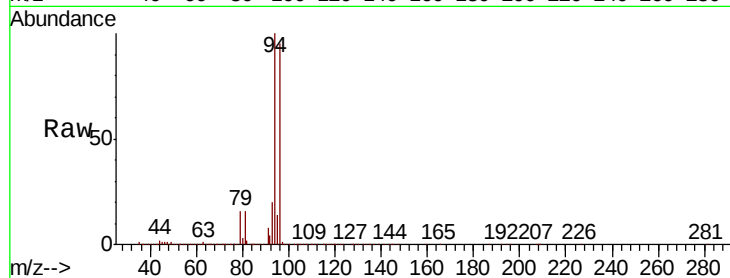
VSTDIC150

Tot Ion: 94 Resp: 327470

Ion Ratio Lower Upper

94 100

96 94.5 72.3 108.5



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

300000

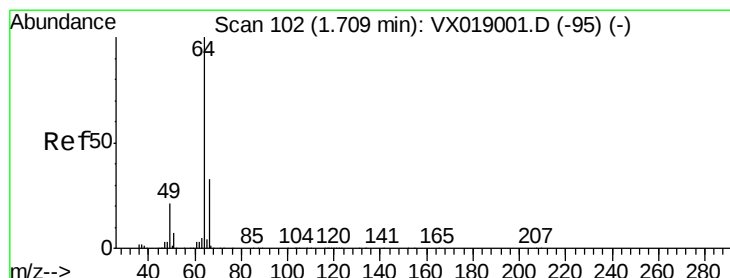
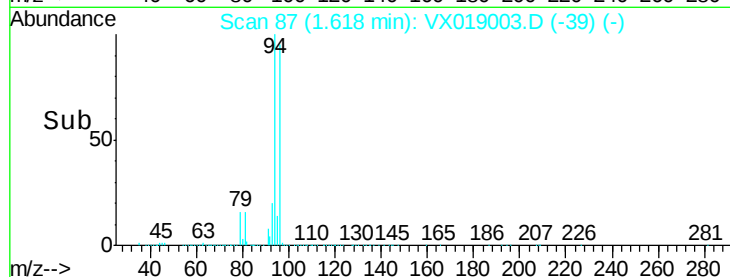
200000

100000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 170.662 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.02 min

Lab File: VX019003.D

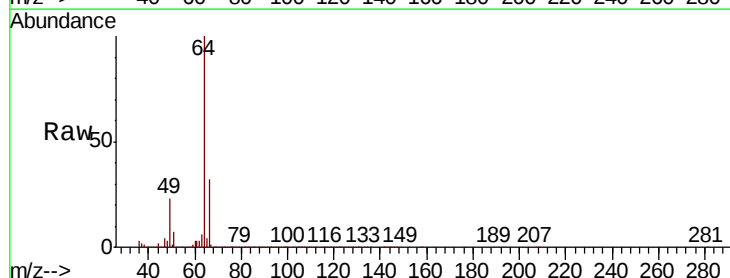
Acq: 21 Oct 2020 12:18

Tgt Ion: 64 Resp: 474844

Ion Ratio Lower Upper

64 100

66 32.1 26.1 39.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.69

400000

300000

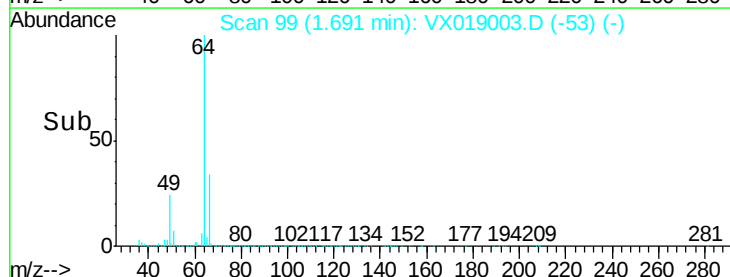
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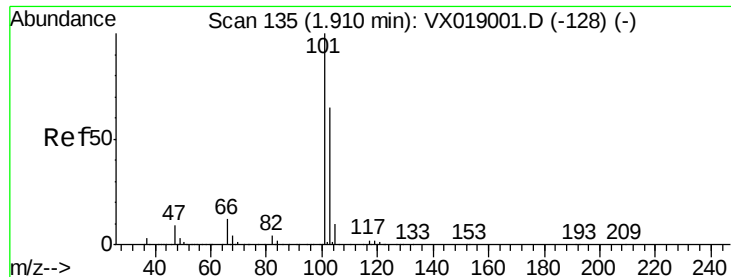
100000

0

Time-->

1.60 1.70 1.80



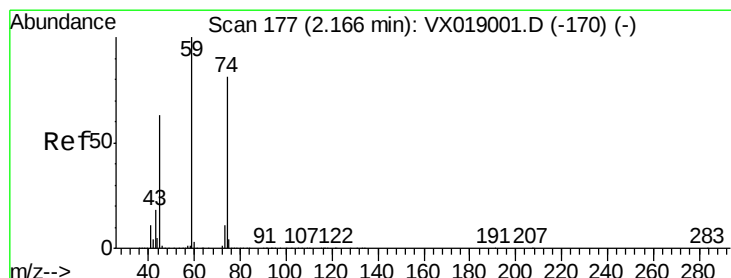
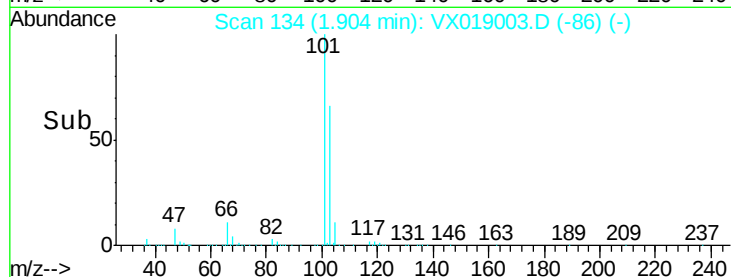
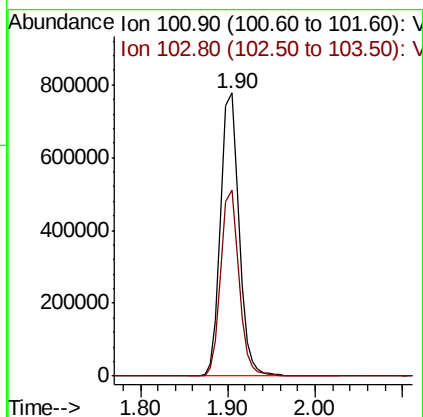
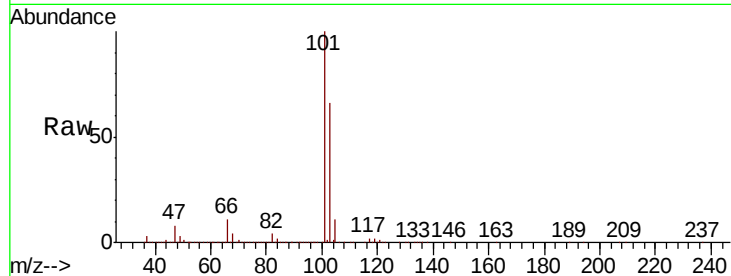


#7

Trichlorofluoromethane
Concen: 157.716 ug/l
RT: 1.90 min Scan# 134
Delta R.T. -0.01 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

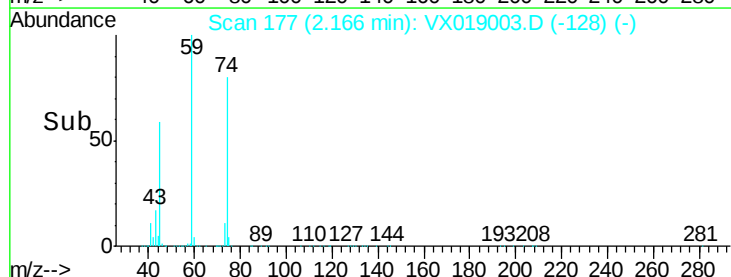
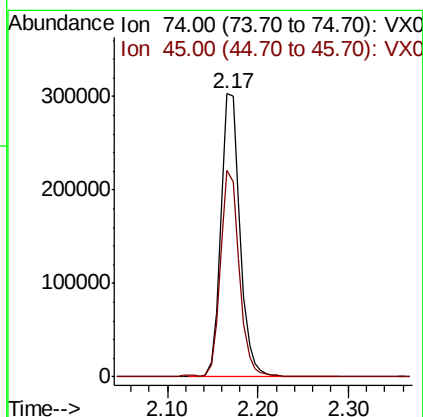
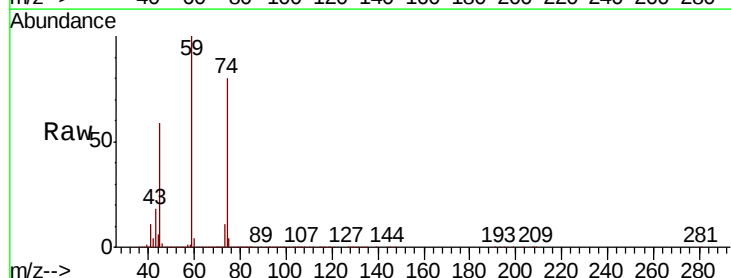
Tot Ion:101 Resp: 1133770
Ion Ratio Lower Upper
101 100
103 65.6 51.8 77.6

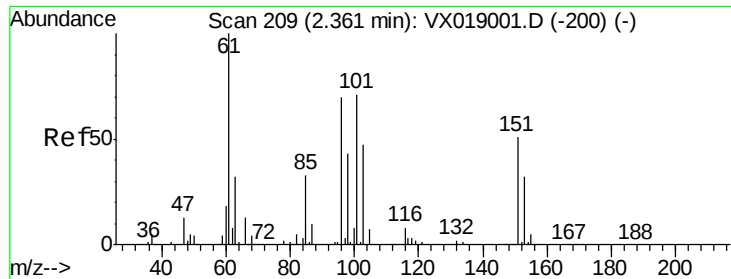


#8

Diethyl Ether
Concen: 172.113 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Tgt Ion: 74 Resp: 446013
Ion Ratio Lower Upper
74 100
45 71.9 36.9 110.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 127.520 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

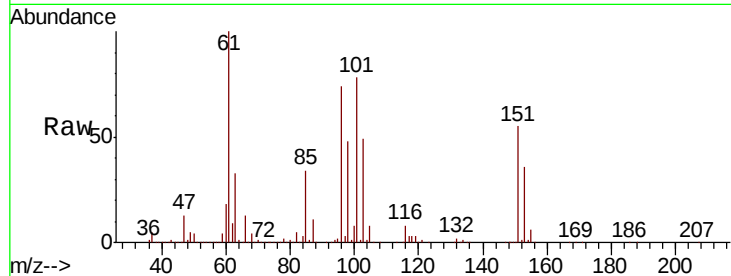
Tot Ion:101 Resp: 462830

Ion Ratio Lower Upper

101 100

85 44.1 35.1 52.7

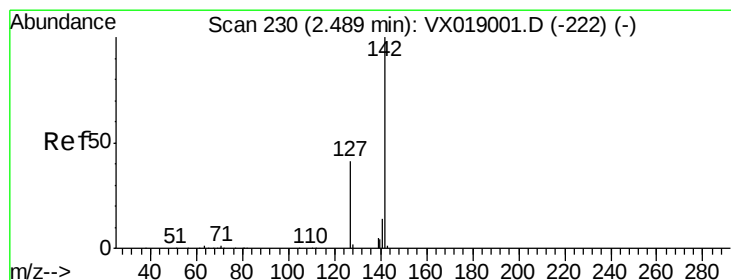
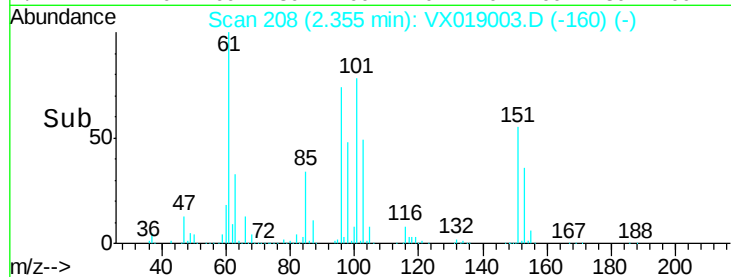
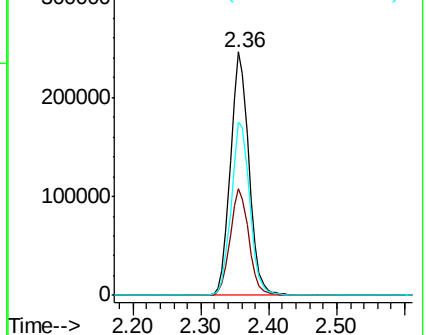
151 72.0 57.1 85.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 167.514 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

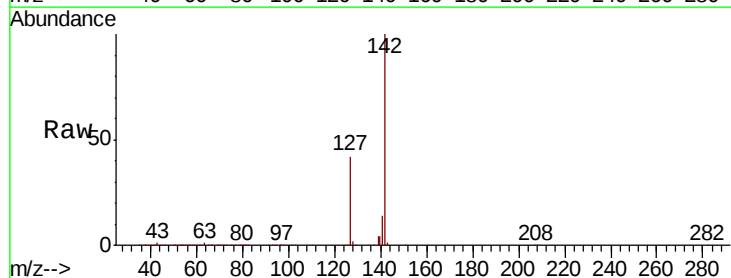
Tgt Ion:142 Resp: 663475

Ion Ratio Lower Upper

142 100

127 42.5 34.0 51.0

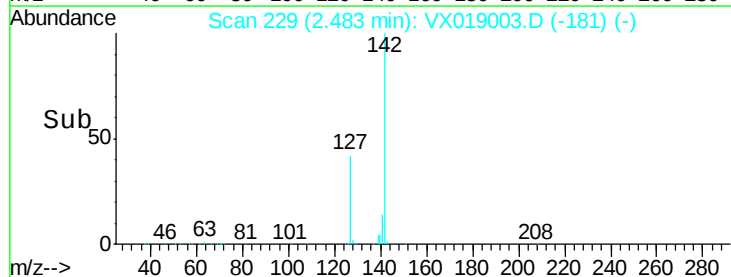
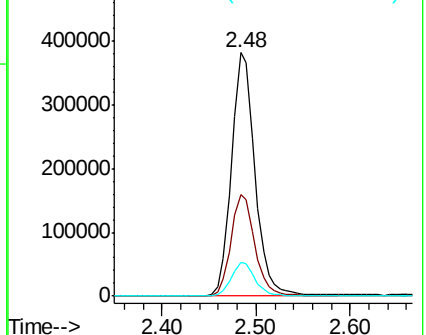
141 13.9 11.1 16.7

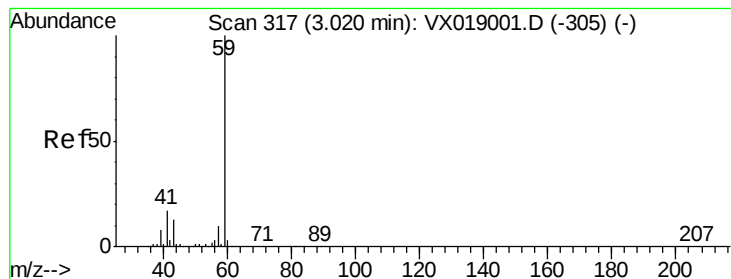


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



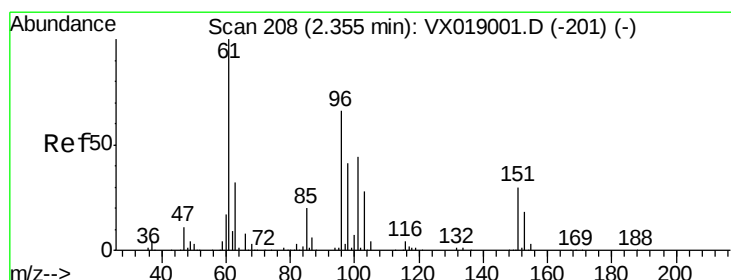
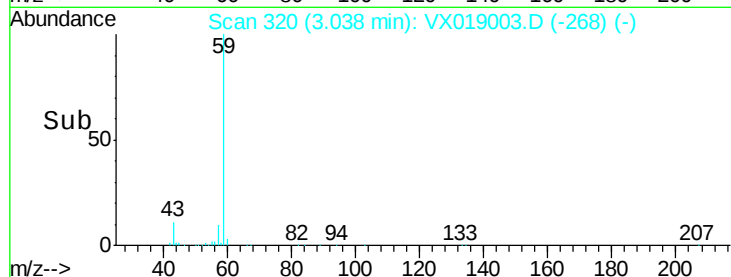
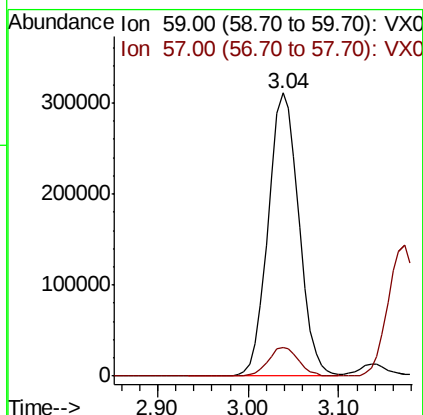
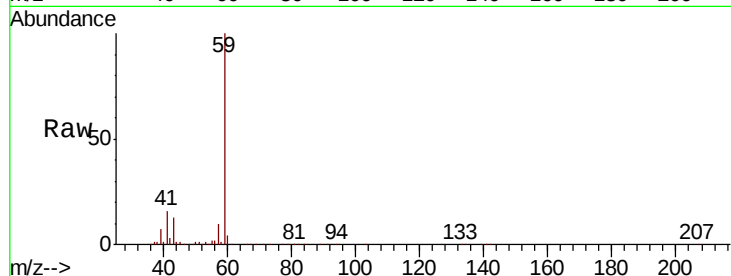


#11

Tert butyl alcohol
 Concen: 750.939 ug/l
 RT: 3.04 min Scan# 320
 Delta R.T. 0.02 min
 Lab File: VX019003.D
 Acq: 21 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

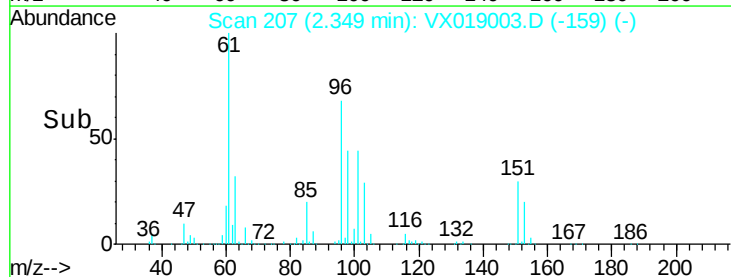
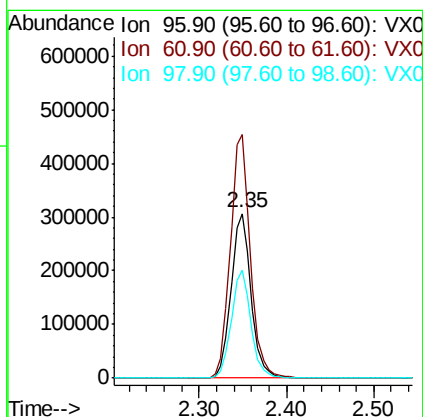
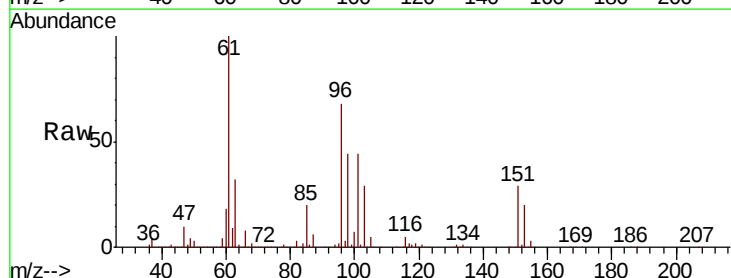
Tot Ion: 59 Resp: 728185
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

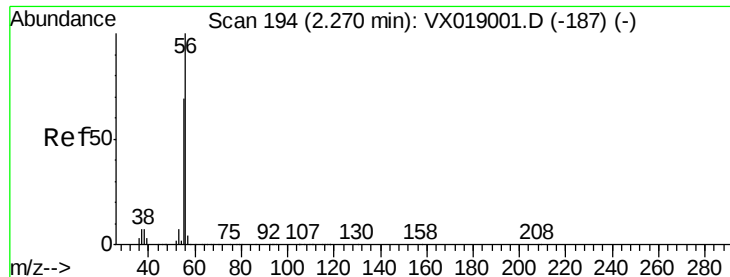


#12

1,1-Dichloroethene
 Concen: 132.979 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX019003.D
 Acq: 21 Oct 2020 12:18

Tgt Ion: 96 Resp: 488460
 Ion Ratio Lower Upper
 96 100
 61 147.8 121.8 182.6
 98 65.4 50.2 75.4

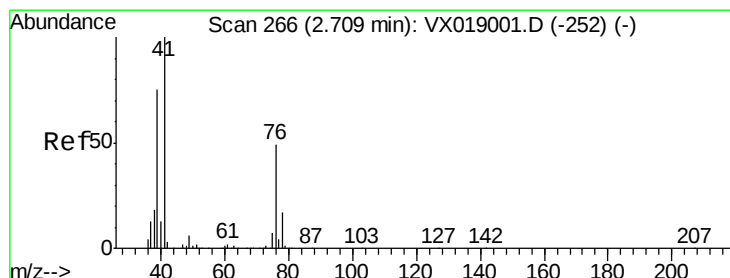
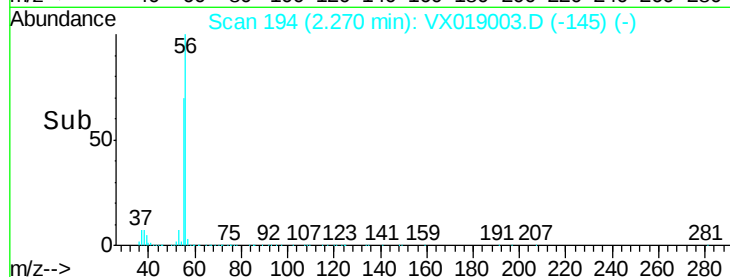
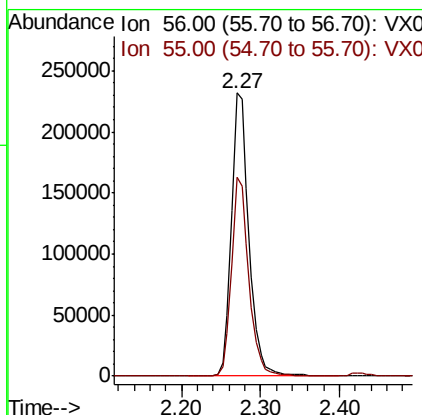
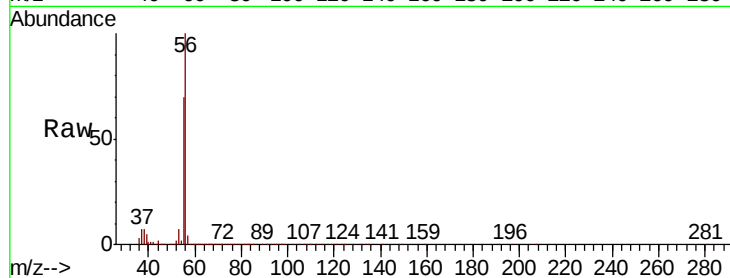




#13
Acrolein
Concen: 592.063 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

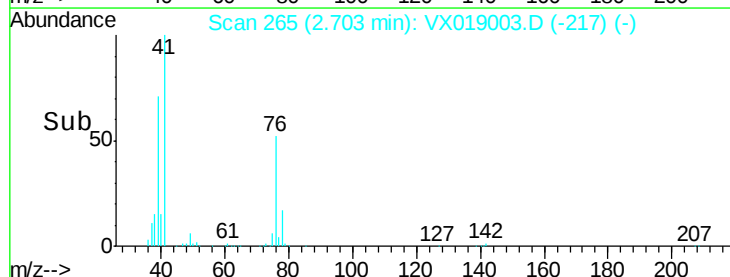
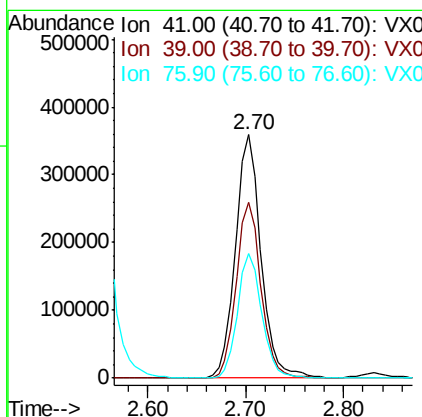
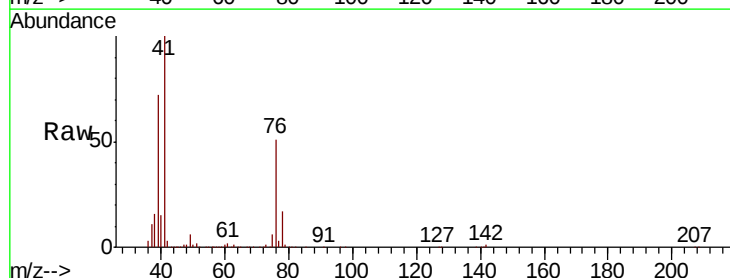
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

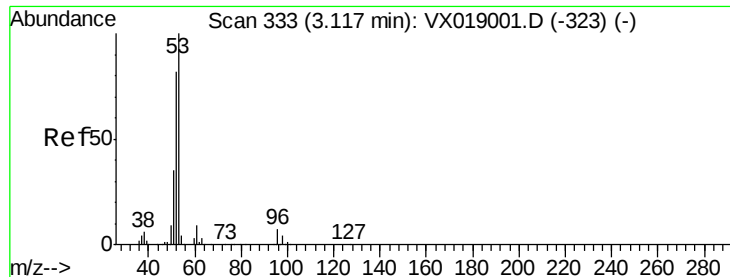
Tot Ion: 56 Resp: 355441
Ion Ratio Lower Upper
56 100
55 69.3 55.9 83.9



#14
Allyl chloride
Concen: 95.668 ug/l
RT: 2.70 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Tgt Ion: 41 Resp: 653618
Ion Ratio Lower Upper
41 100
39 70.0 57.2 85.8
76 48.5 35.6 53.4





#15

Acrylonitrile

Concen: 601.948 ug/l

RT: 3.12 min Scan# 334

Delta R.T. 0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

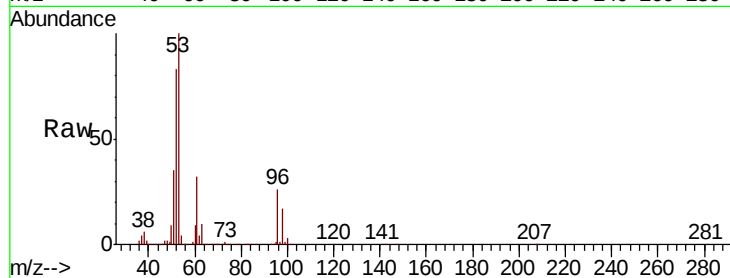
MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1321737

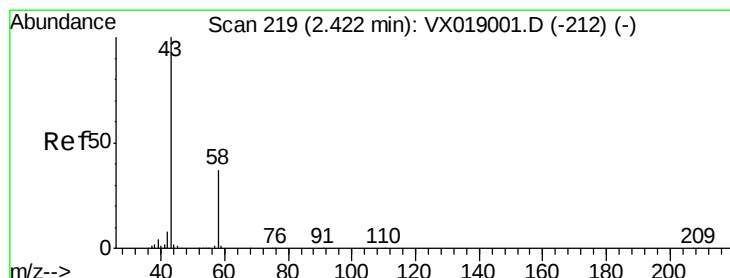
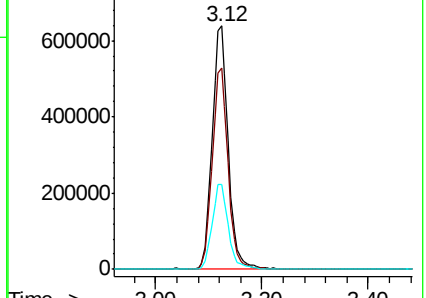
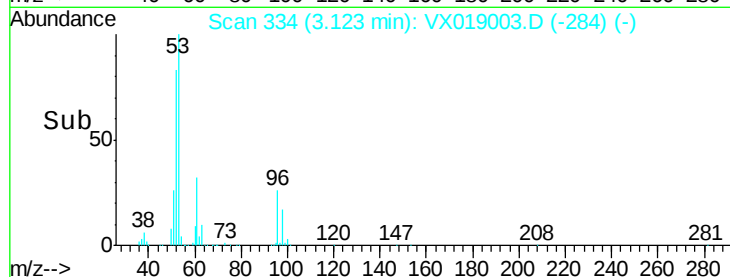
Ion	Ratio	Lower	Upper
53	100		
52	81.7	65.4	98.2
51	35.3	28.5	42.7



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 547.272 ug/l

RT: 2.43 min Scan# 220

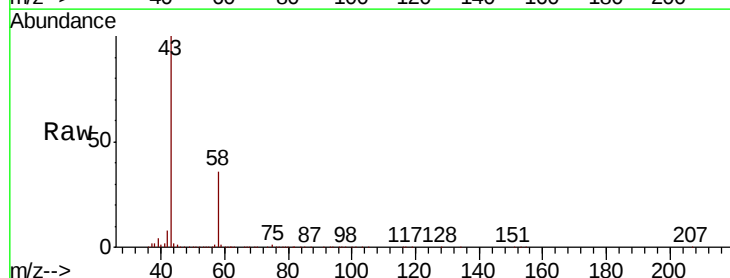
Delta R.T. 0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

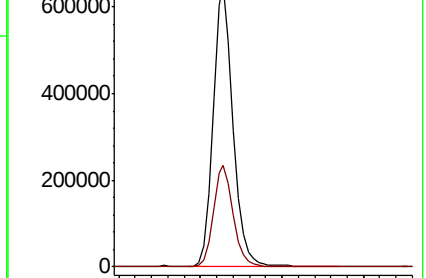
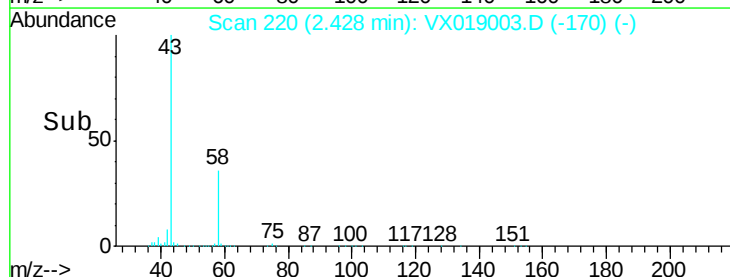
Tgt Ion: 43 Resp: 1107293

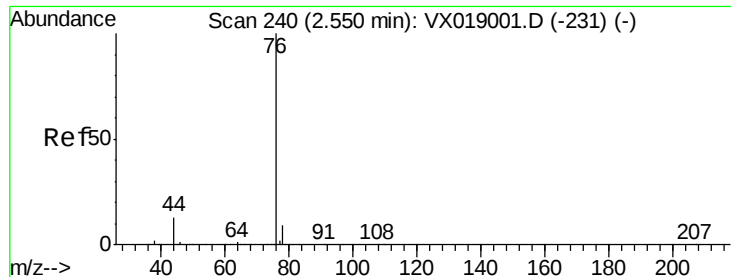
Ion	Ratio	Lower	Upper
43	100		
58	36.1	29.7	44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

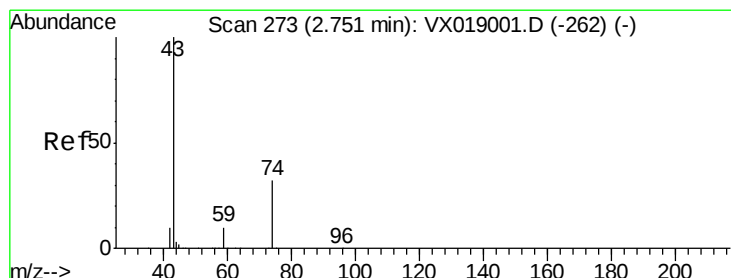
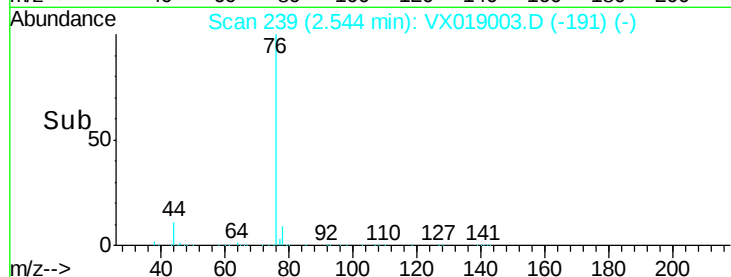
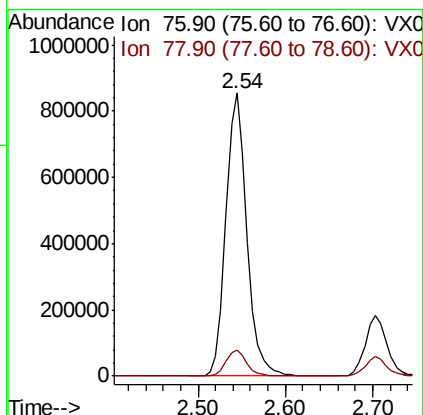
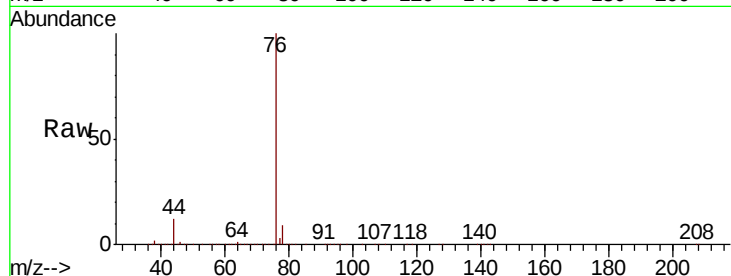




#17
Carbon Disulfide
Concen: 128.660 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

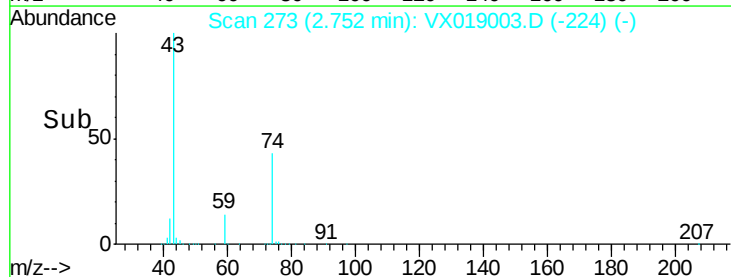
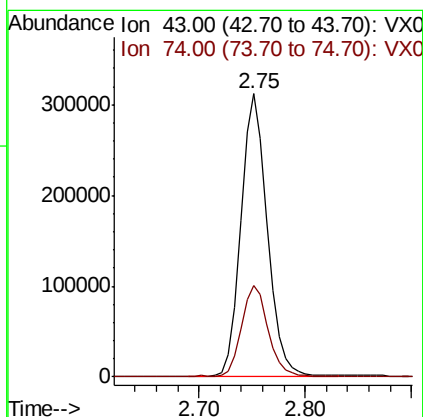
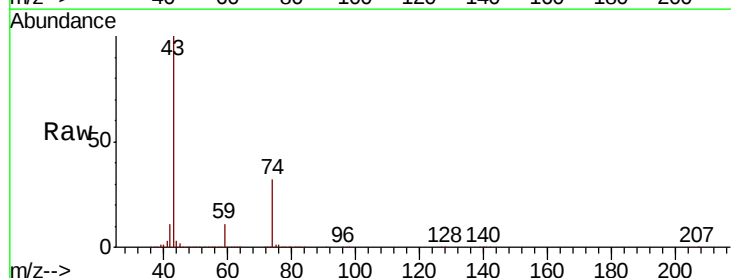
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

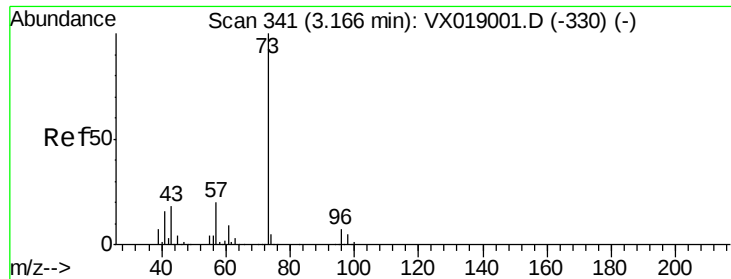
Tot Ion: 76 Resp: 1412300
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 109.562 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Tgt Ion: 43 Resp: 543728
Ion Ratio Lower Upper
43 100
74 33.2 25.4 38.0

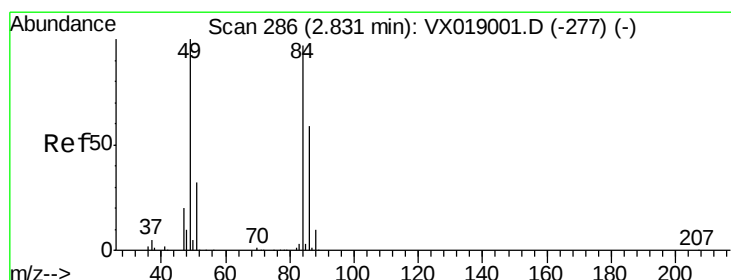
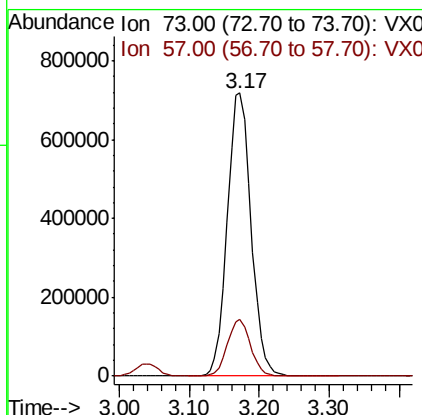
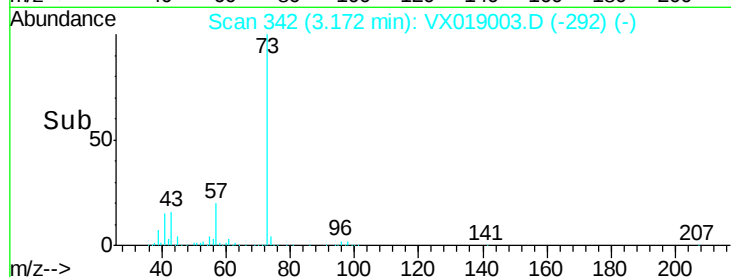
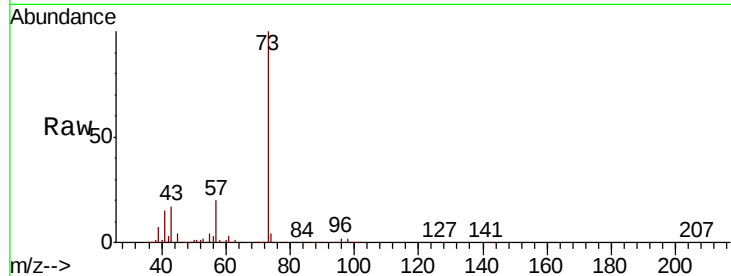




#19
Methvl tert-butvl Ether
Concen: 132.022 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.01 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

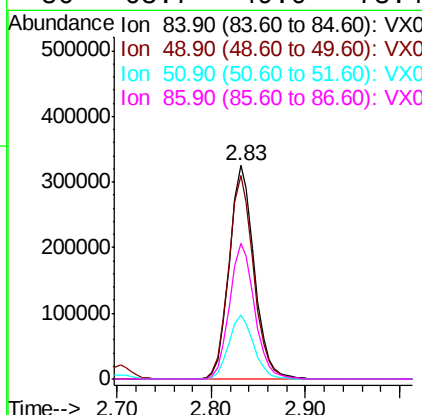
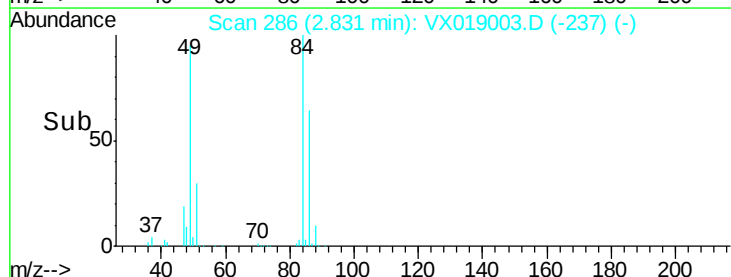
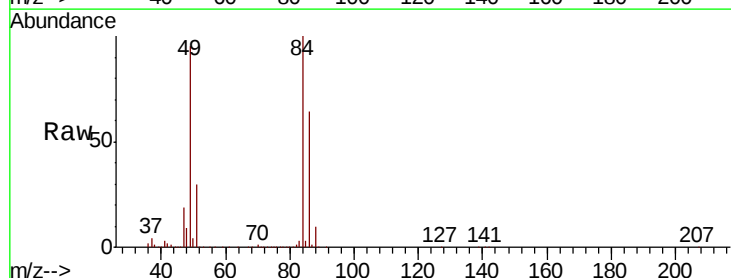
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

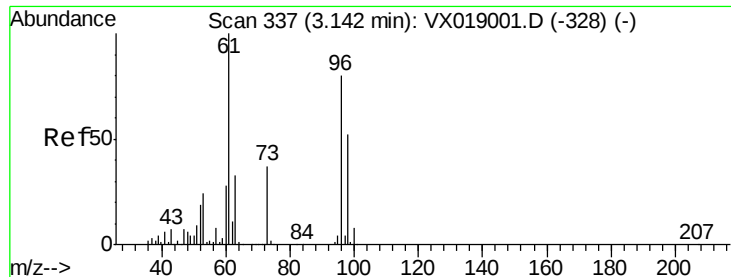
Tot Ion: 73 Resp: 1696708
Ion Ratio Lower Upper
73 100
57 20.0 16.2 24.4



#20
Methylene Chloride
Concen: 130.706 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Tgt Ion: 84 Resp: 597389
Ion Ratio Lower Upper
84 100
49 95.1 82.6 124.0
51 29.9 26.6 39.8
86 63.7 49.0 73.4





#21

trans-1,2-Dichloroethene

Concen: 148.376 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

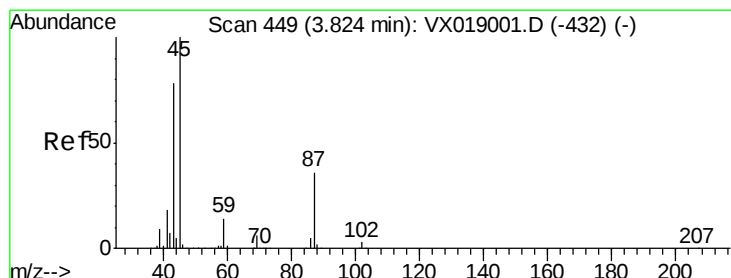
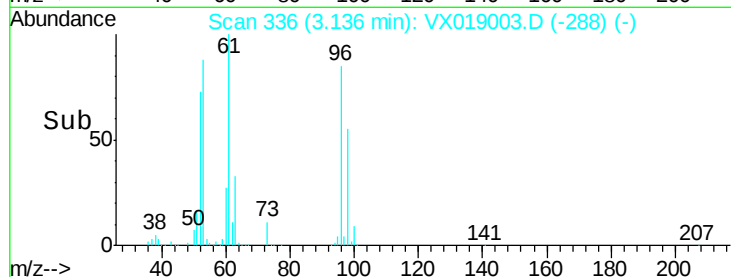
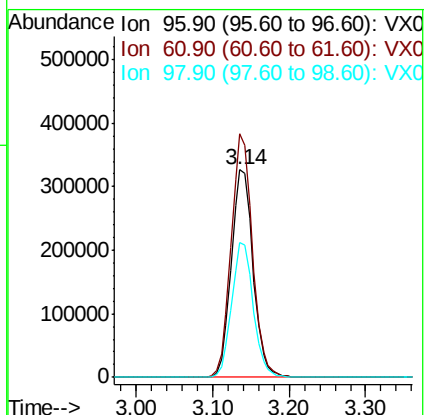
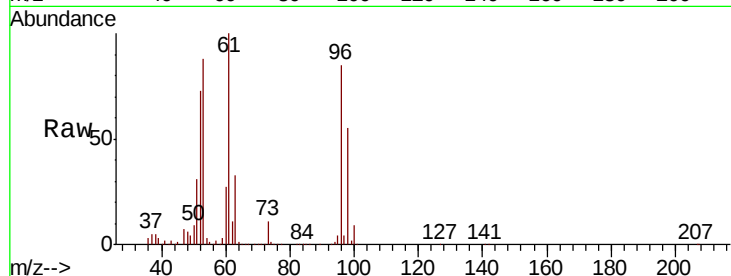
Tot Ion: 96 Resp: 645113

Ion Ratio Lower Upper

96 100

61 117.2 100.0 150.0

98 64.9 51.9 77.9



#22

Diisopropyl ether

Concen: 100.478 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Tgt Ion: 45 Resp: 1300586

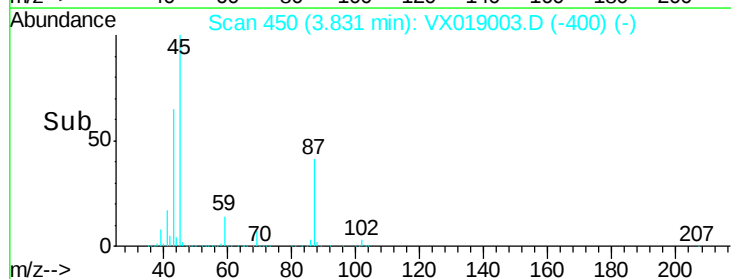
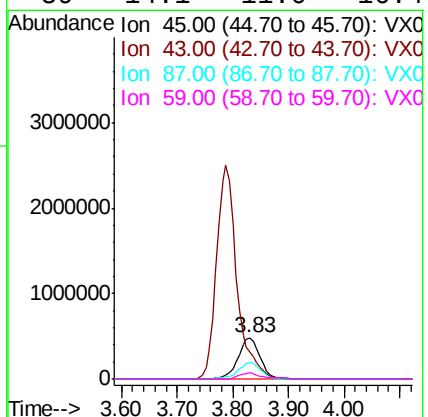
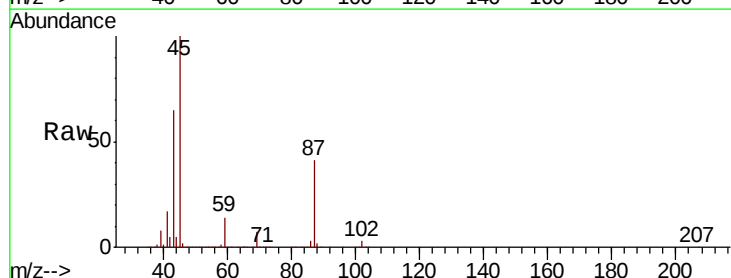
Ion Ratio Lower Upper

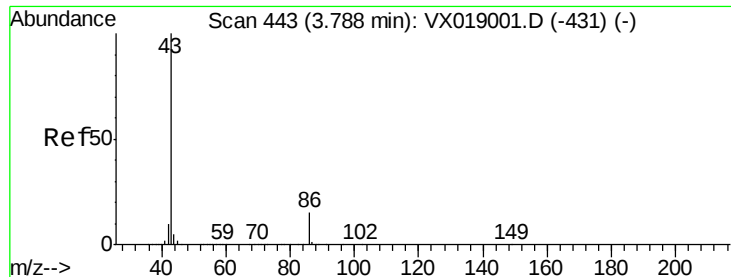
45 100

43 65.1 62.7 94.1

87 41.4 29.1 43.7

59 14.1 11.0 16.4





#23

Vinyl Acetate

Concen: 547.037 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

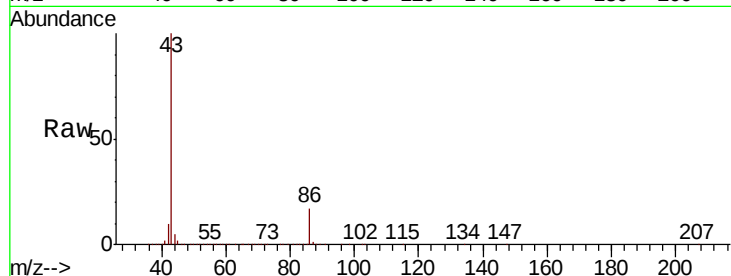
VSTDIC150

Tot Ion: 43 Resp: 6335036

Ion Ratio Lower Upper

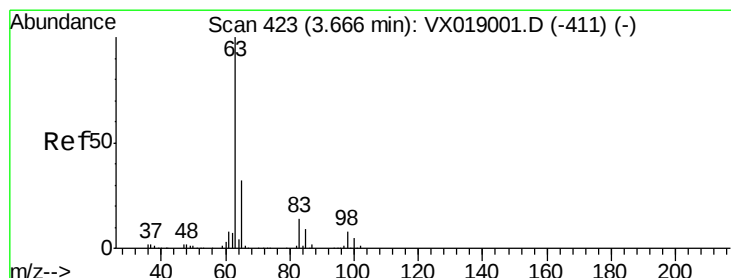
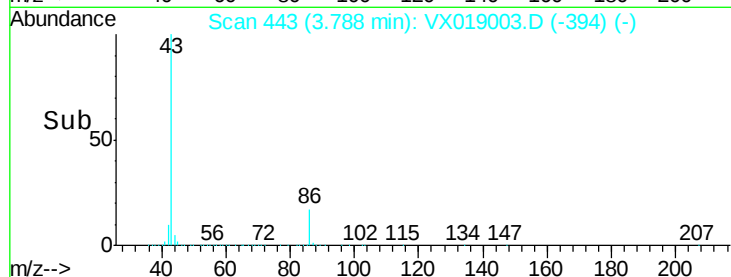
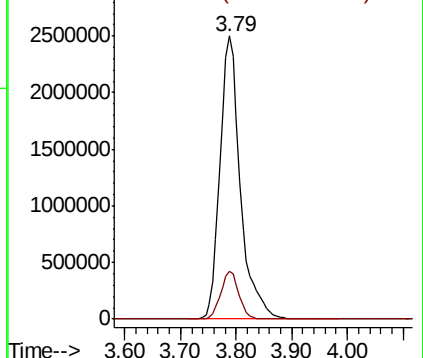
43 100

86 16.9 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 126.552 ug/l

RT: 3.67 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

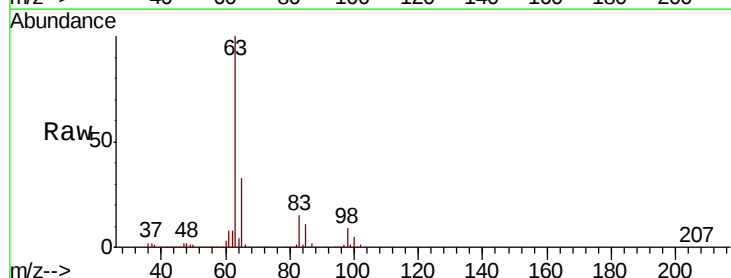
Tgt Ion: 63 Resp: 979614

Ion Ratio Lower Upper

63 100

98 8.5 3.9 11.5

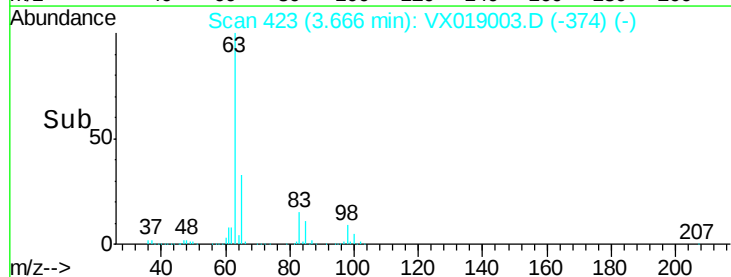
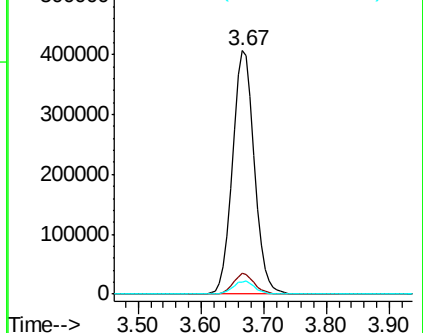
100 5.1 2.5 7.5

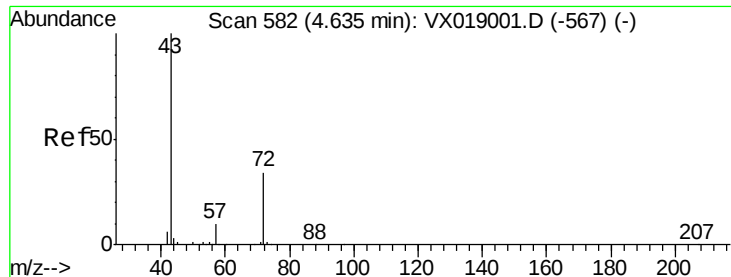


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 571.863 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

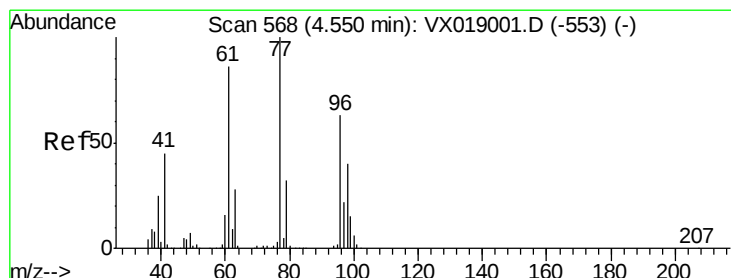
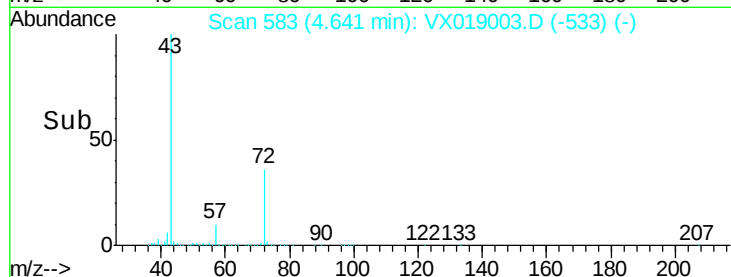
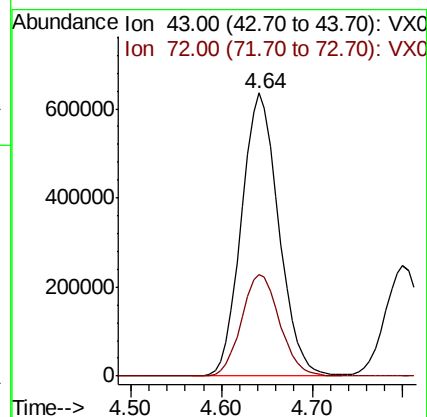
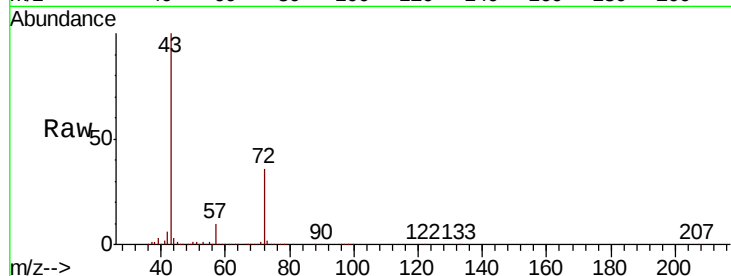
VSTDIC150

Tot Ion: 43 Resp: 1808045

Ion Ratio Lower Upper

43 100

72 35.7 27.5 41.3



#26

2,2-Dichloropropane

Concen: 129.986 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX019003.D

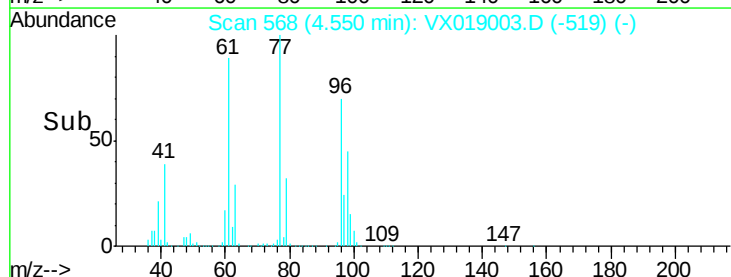
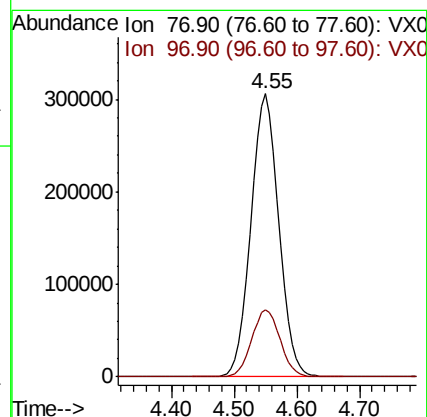
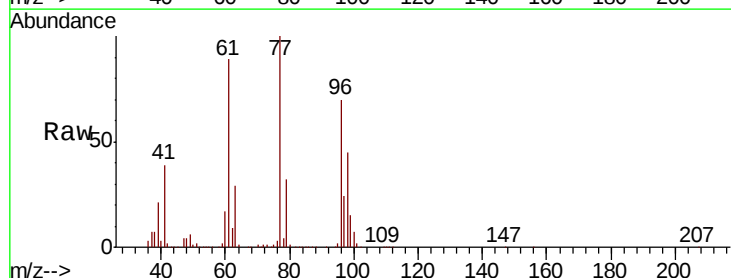
Acq: 21 Oct 2020 12:18

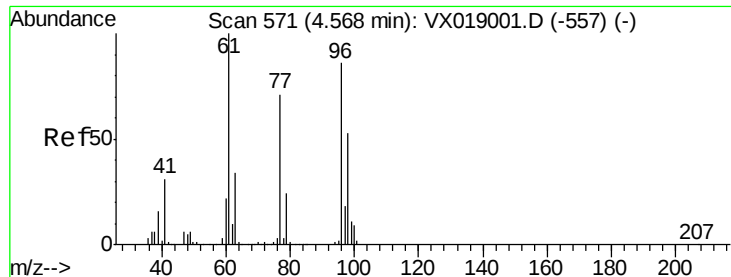
Tgt Ion: 77 Resp: 939075

Ion Ratio Lower Upper

77 100

97 24.3 11.5 34.5



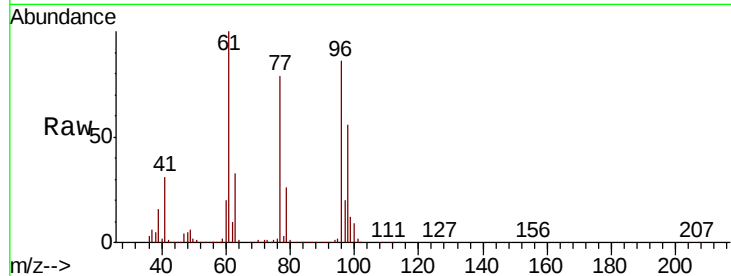


#27

cis-1,2-Dichloroethene
Concen: 149.634 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
96	100		
61	122.1	0.0	259.8
98	64.8	0.0	129.2

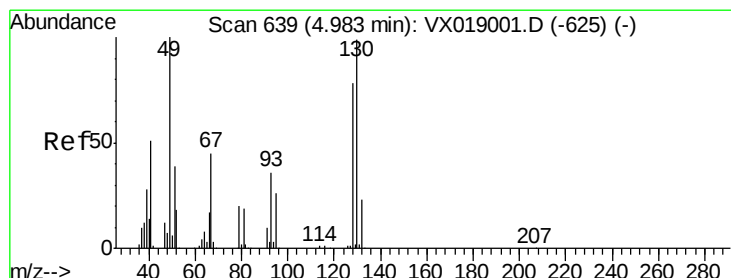
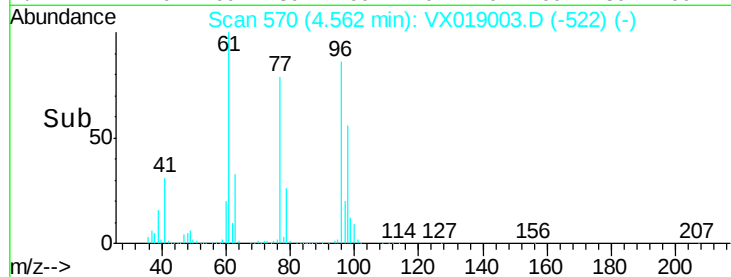
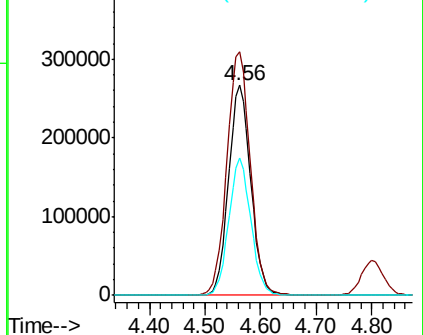


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

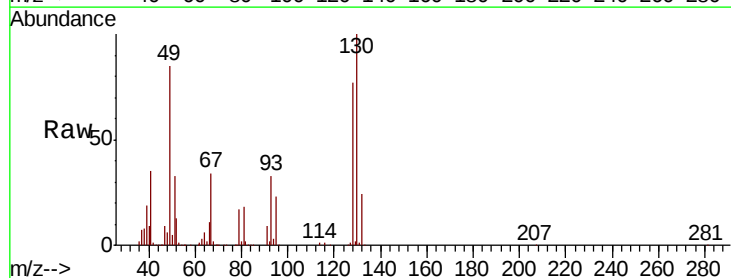
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
Concen: 108.417 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.8
130	115.2	75.3	112.9#

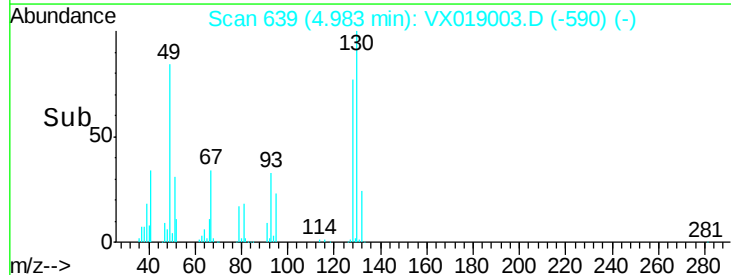
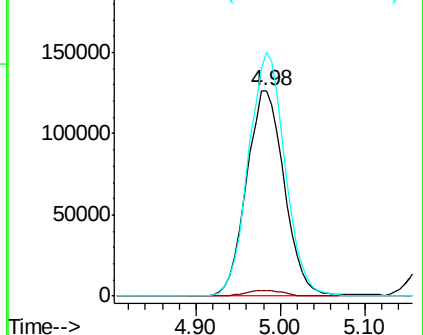


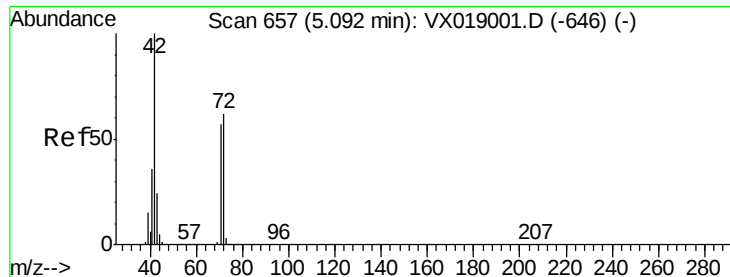
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 532.131 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

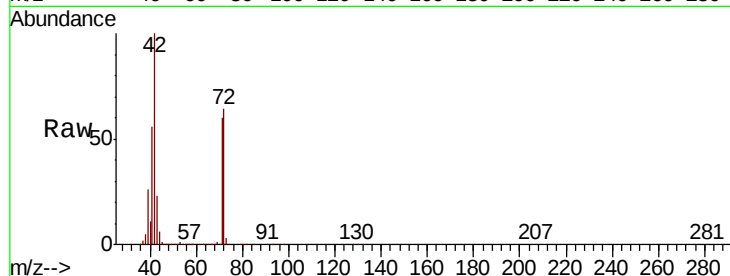
Tot Ion: 42 Resp: 1040982

Ion Ratio Lower Upper

42 100

72 64.7 49.8 74.8

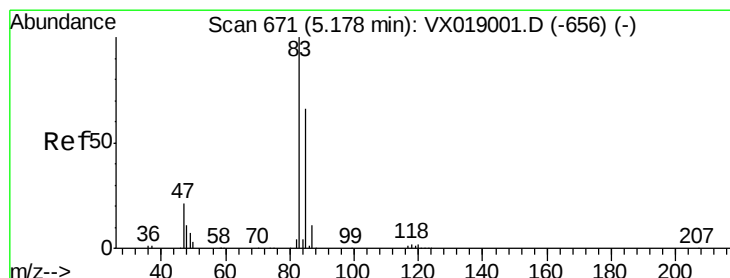
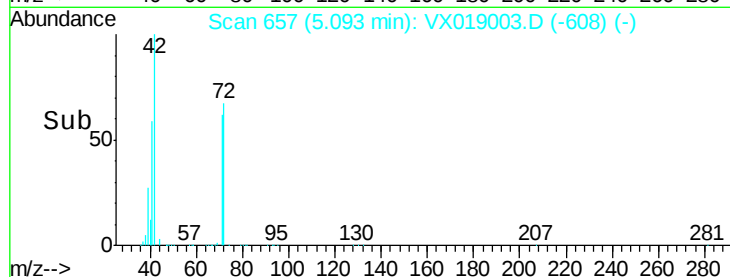
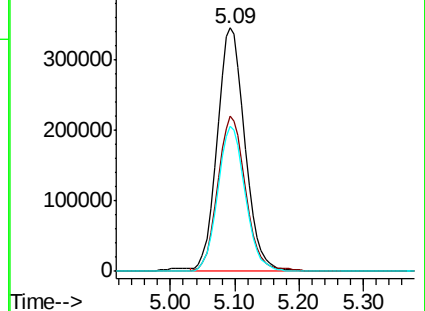
71 59.5 45.8 68.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 139.174 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX019003.D

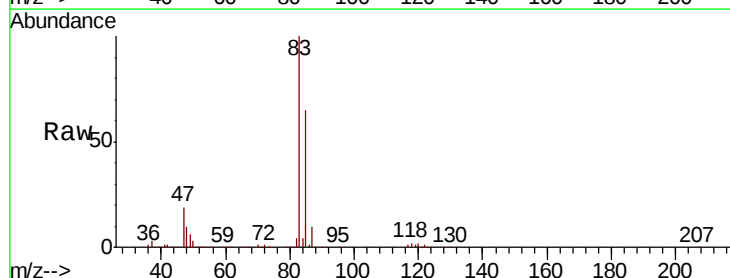
Acq: 21 Oct 2020 12:18

Tgt Ion: 83 Resp: 1110623

Ion Ratio Lower Upper

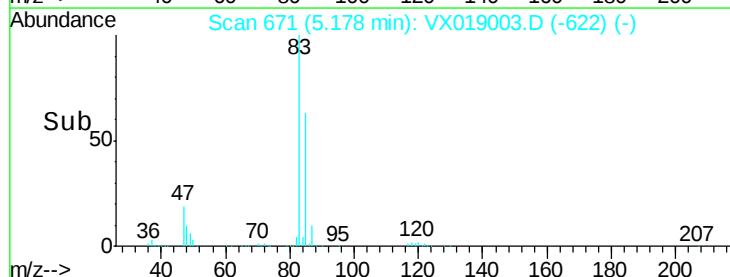
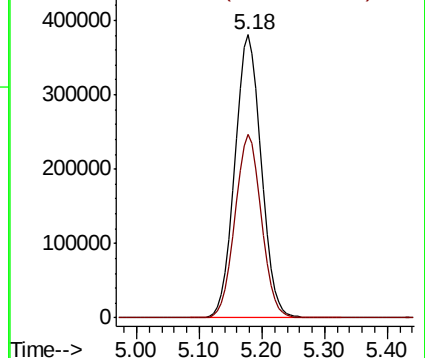
83 100

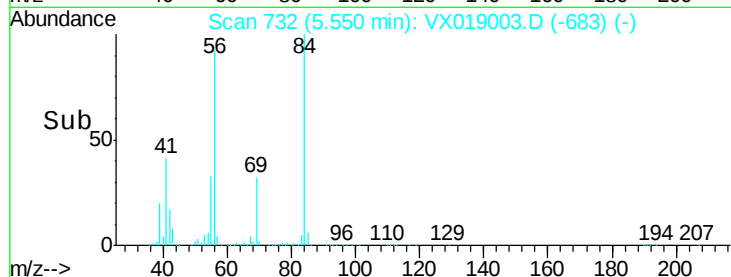
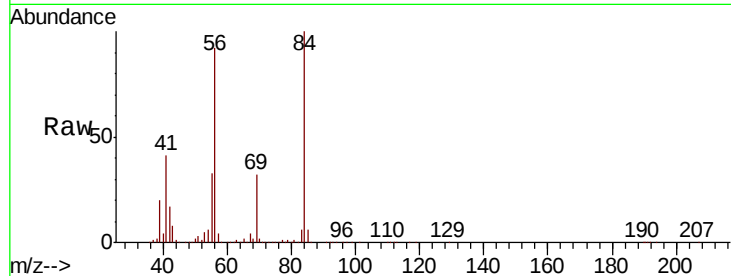
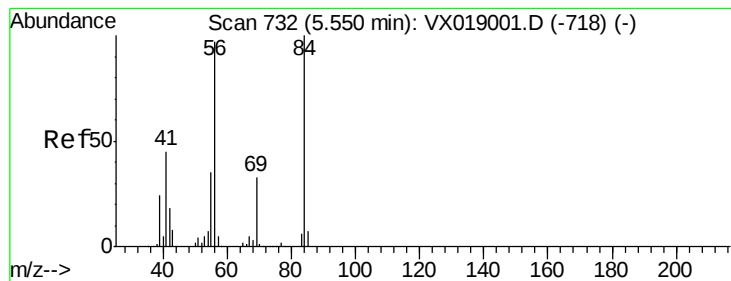
85 64.7 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 114.242 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

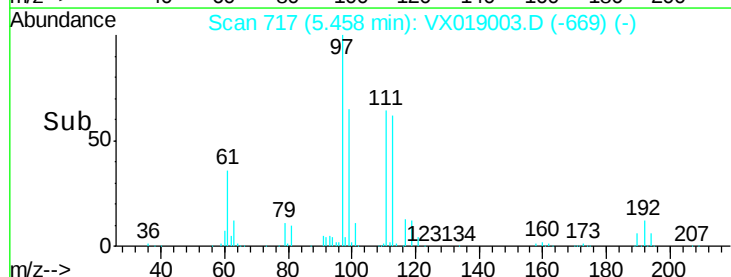
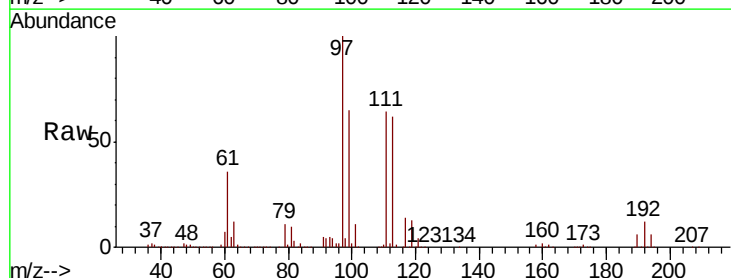
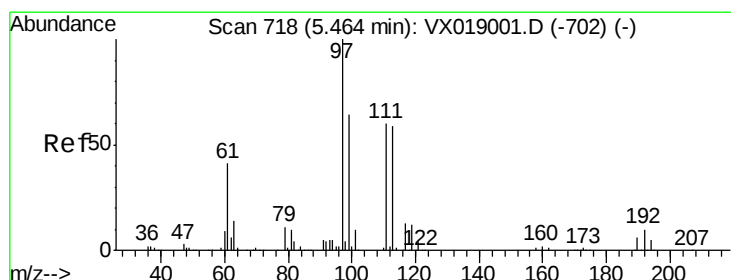
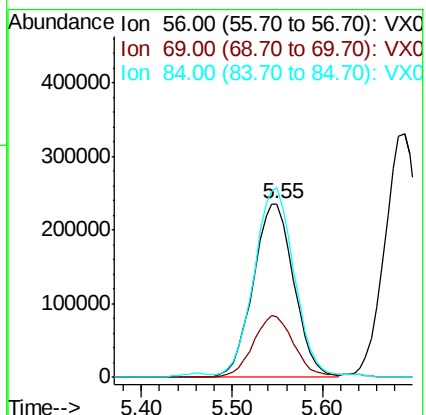
Tot Ion: 56 Resp: 730853

Ion Ratio Lower Upper

56 100

69 34.8 26.9 40.3

84 107.5 82.2 123.4



#32

1,1,1-Trichloroethane

Concen: 136.951 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

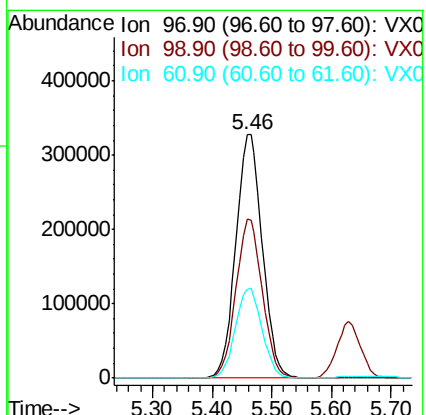
Tgt Ion: 97 Resp: 1013747

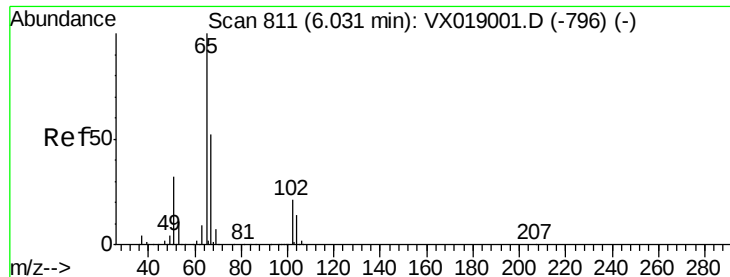
Ion Ratio Lower Upper

97 100

99 64.9 51.8 77.8

61 37.2 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 122.307 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

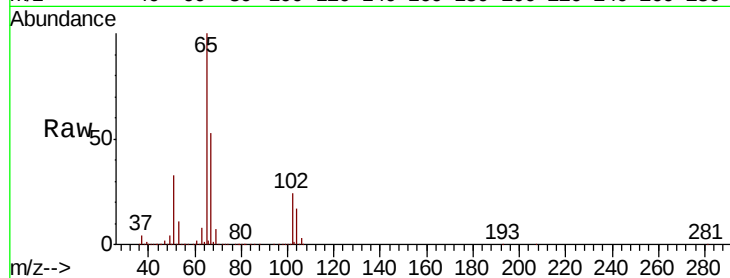
VSTDIC150

Tot Ion: 65 Resp: 655600

Ion Ratio Lower Upper

65 100

67 53.2 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

250000

200000

150000

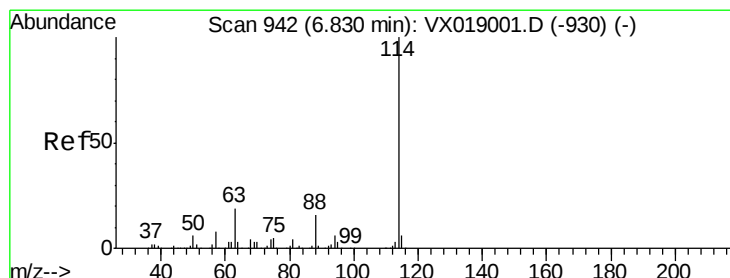
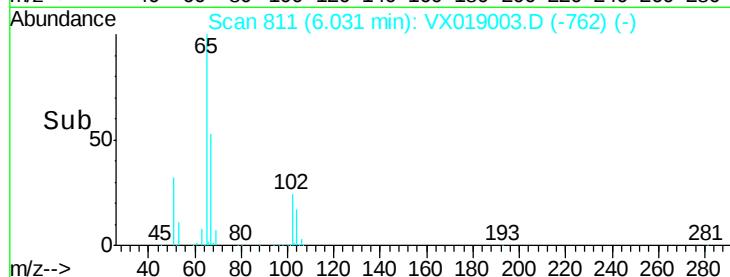
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

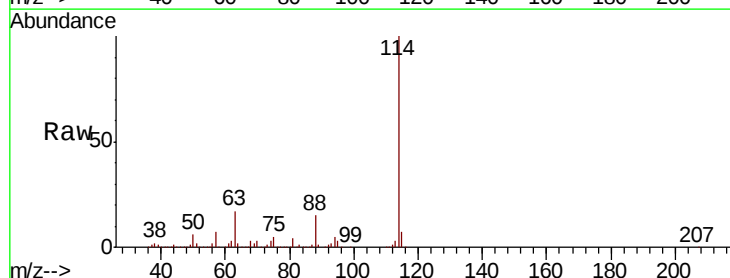
Tgt Ion: 114 Resp: 634602

Ion Ratio Lower Upper

114 100

63 17.0 0.0 37.6

88 15.2 0.0 31.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

300000

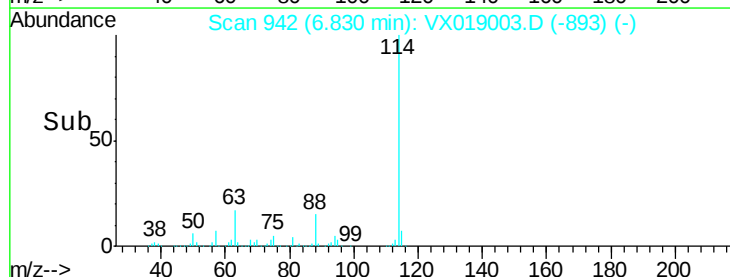
200000

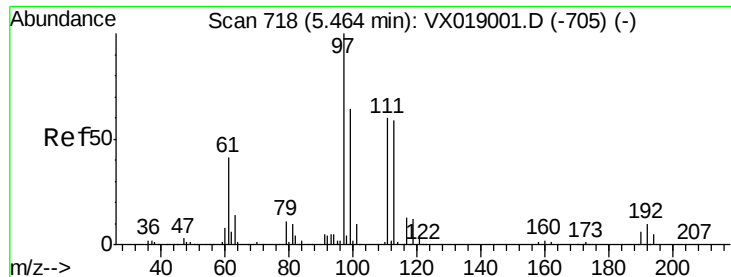
100000

0

Time-->

6.70 6.80 6.90 7.00

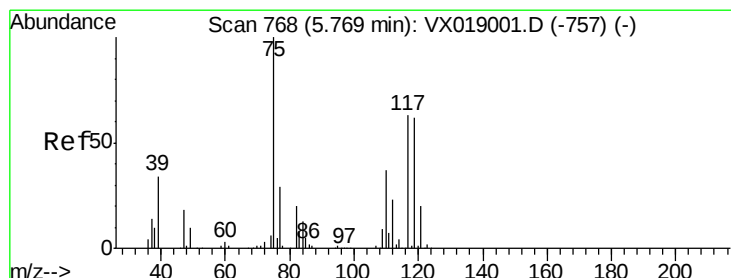
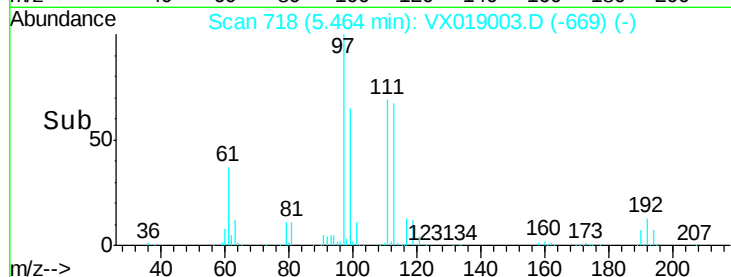
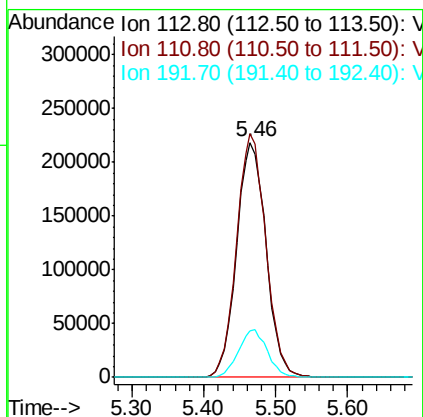
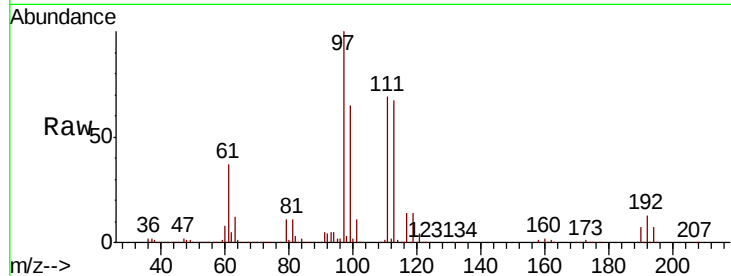




#35
 Dibromofluoromethane
 Concen: 144.560 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX019003.D
 Acq: 21 Oct 2020 12:18

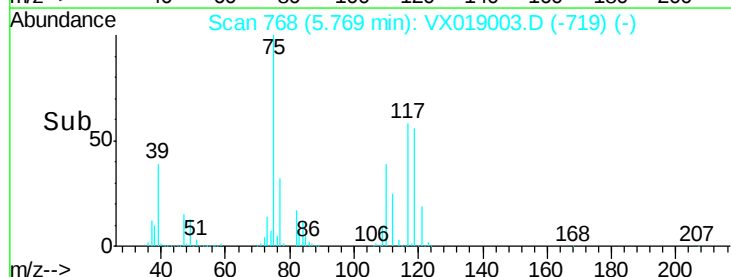
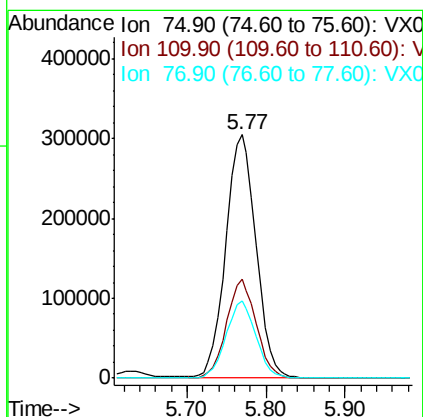
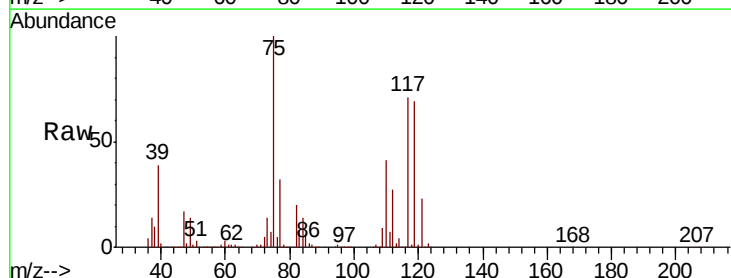
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

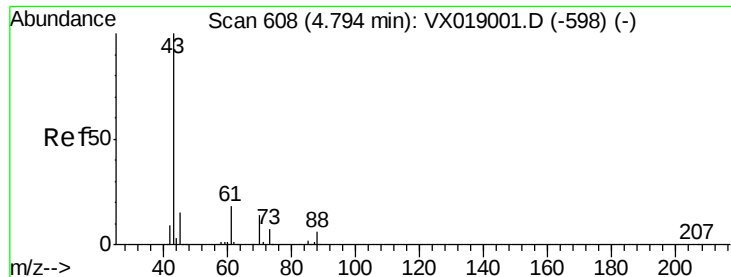
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	82.6	123.8
192	19.9	14.6	21.8



#36
 1,1-Dichloropropene
 Concen: 133.562 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX019003.D
 Acq: 21 Oct 2020 12:18

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.7	18.6	55.6
77	31.2	25.0	37.4

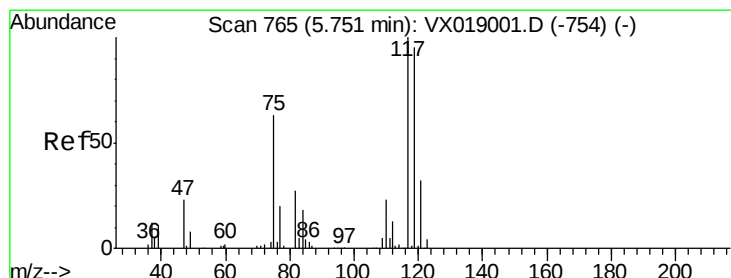
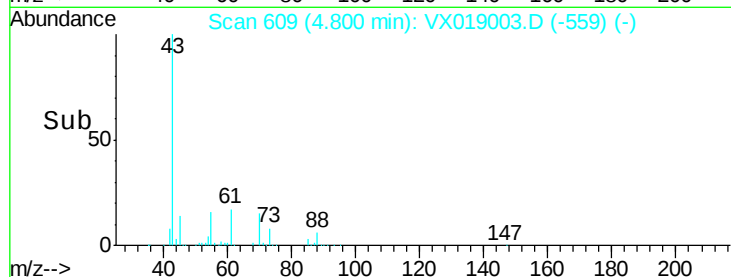
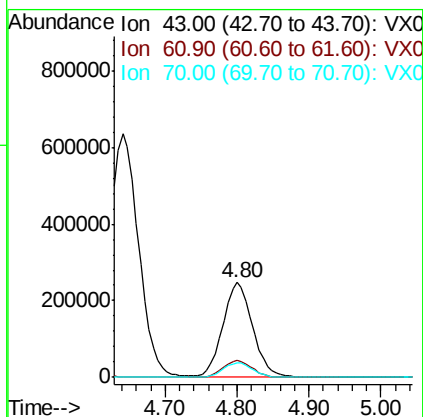
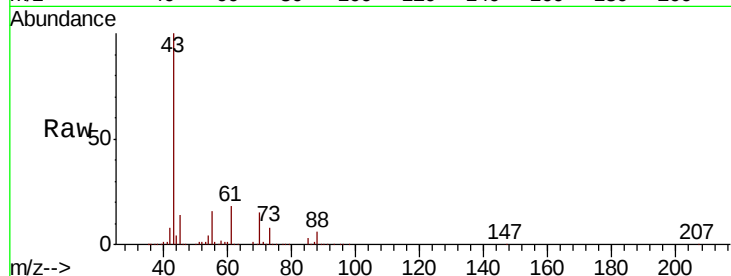




#37
Ethyl Acetate
Concen: 112.813 ug/l
RT: 4.80 min Scan# 609
Delta R.T. 0.01 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

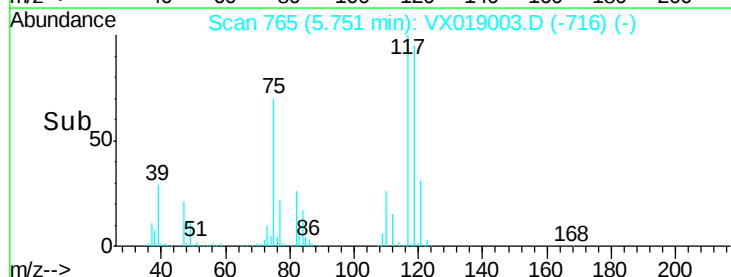
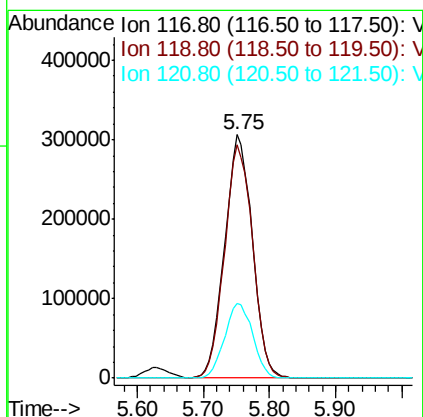
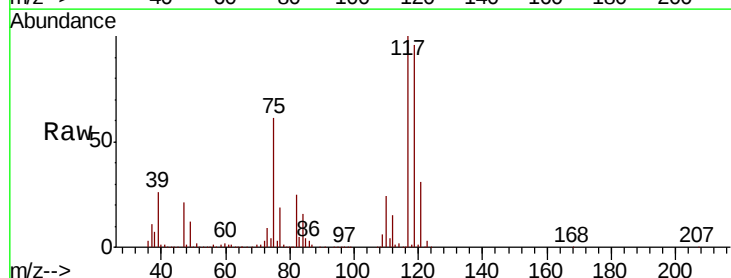
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

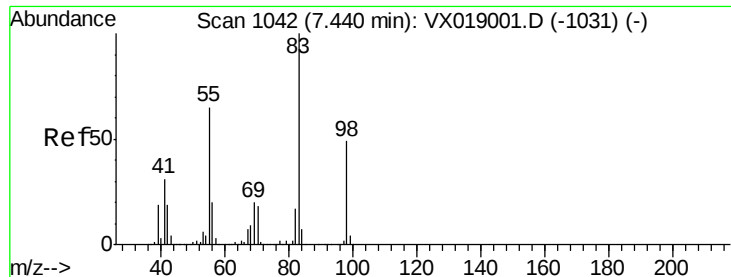
Tot Ion: 43 Resp: 712950
Ion Ratio Lower Upper
43 100
61 17.5 13.6 20.4
70 15.4 11.4 17.0



#38
Carbon Tetrachloride
Concen: 133.976 ug/l
RT: 5.75 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Tgt Ion: 117 Resp: 885929
Ion Ratio Lower Upper
117 100
119 95.7 75.5 113.3
121 30.8 25.2 37.8

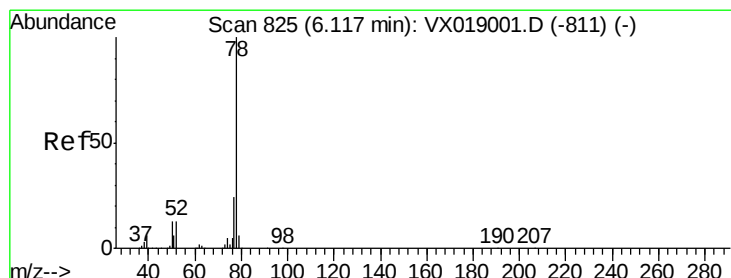
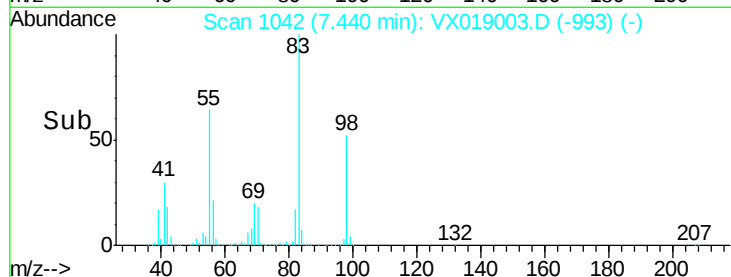
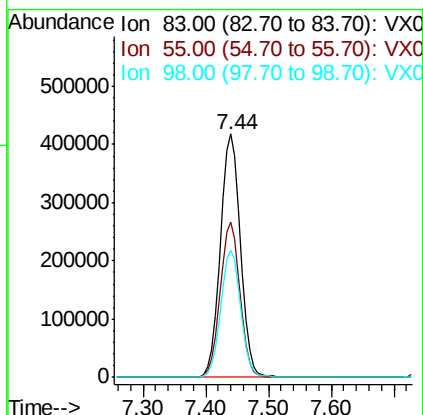
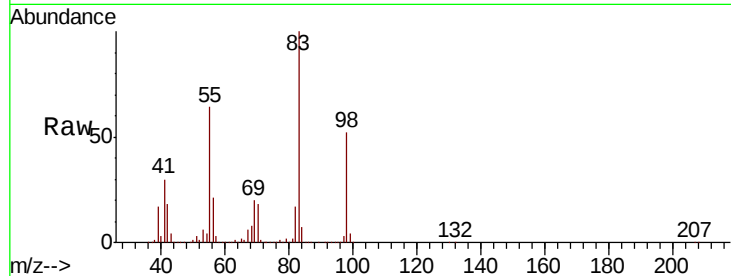




#39
Methvlcvclohexane
Concen: 135.704 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

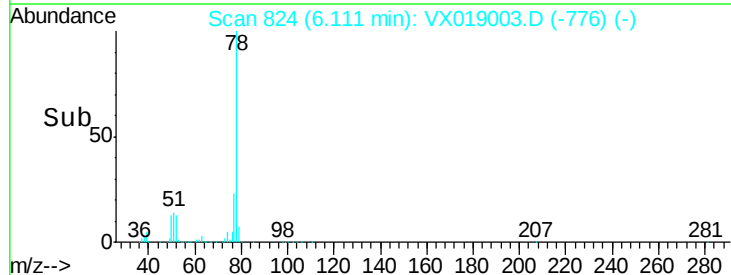
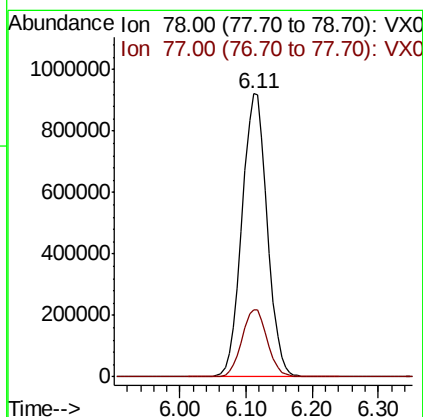
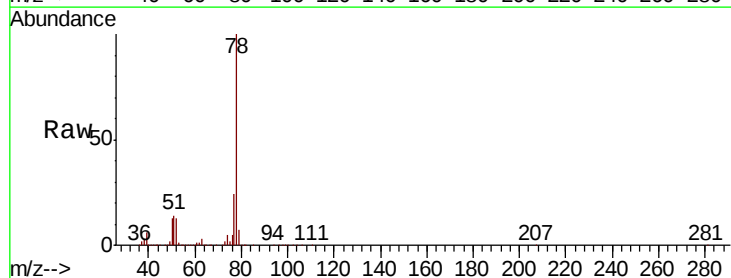
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

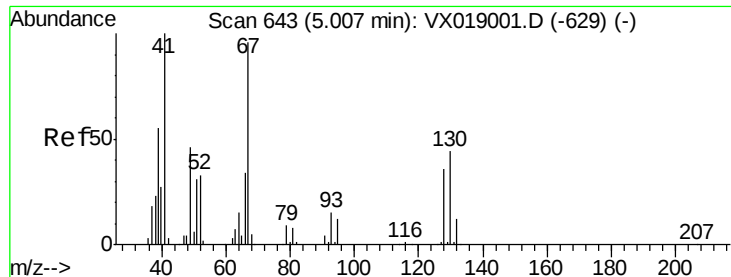
Tot Ion: 83 Resp: 925869
Ion Ratio Lower Upper
83 100
55 63.8 51.8 77.6
98 52.3 39.5 59.3



#40
Benzene
Concen: 139.288 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Tgt Ion: 78 Resp: 2450707
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8





#41

Methacrylonitrile

Concen: 106.202 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 370381

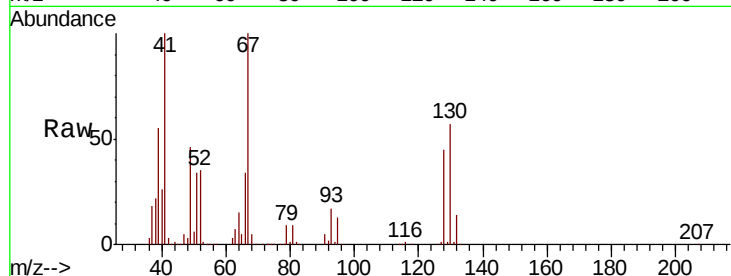
Ion Ratio Lower Upper

41 100

39 53.7 45.0 67.6

67 99.9 78.0 117.0

52 34.8 28.2 42.4



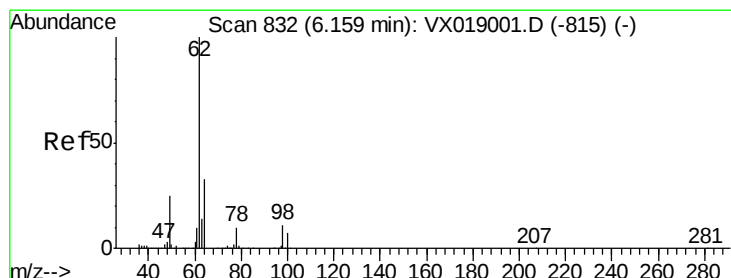
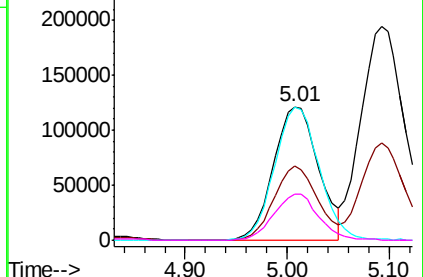
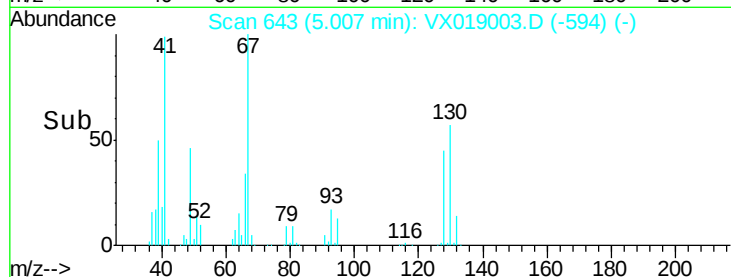
Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Time-->



#42

1,2-Dichloroethane

Concen: 120.294 ug/l

RT: 6.16 min Scan# 832

Delta R.T. 0.00 min

Lab File: VX019003.D

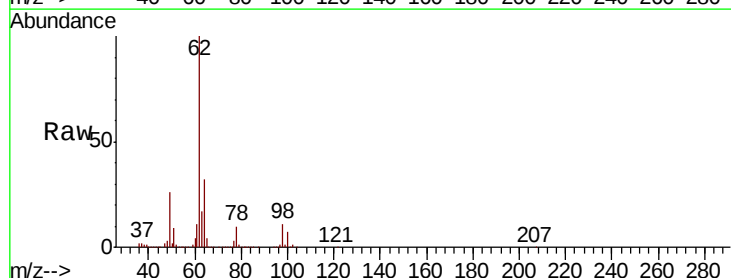
Acq: 21 Oct 2020 12:18

Tgt Ion: 62 Resp: 808055

Ion Ratio Lower Upper

62 100

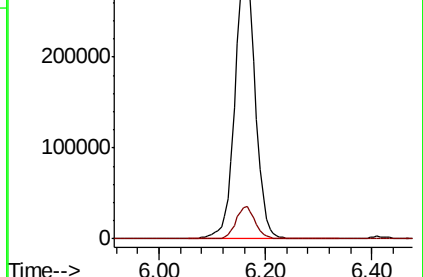
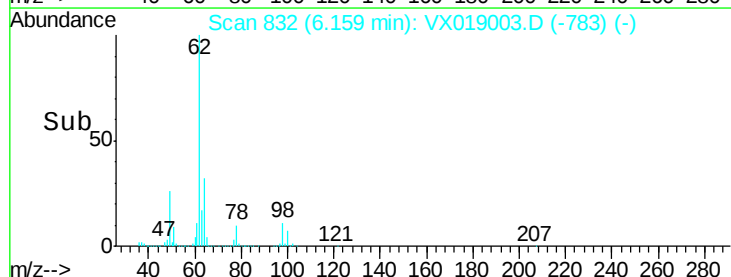
98 11.1 0.0 20.8

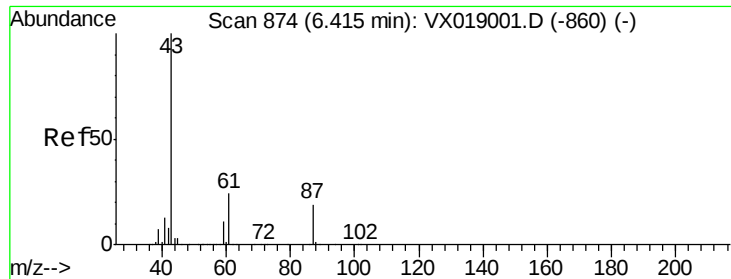


Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Time-->





#43

Isopropyl Acetate

Concen: 111.665 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

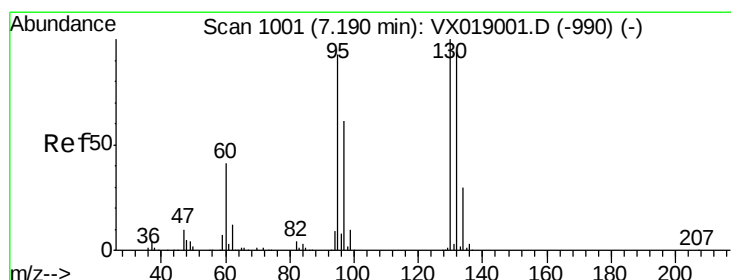
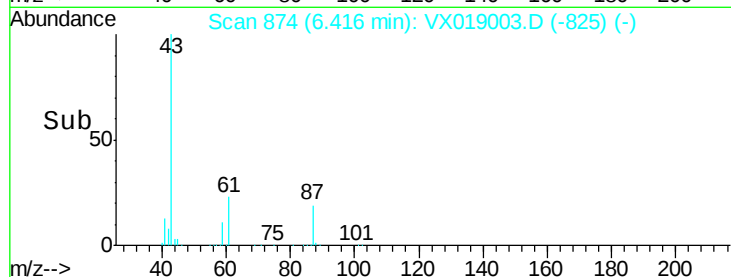
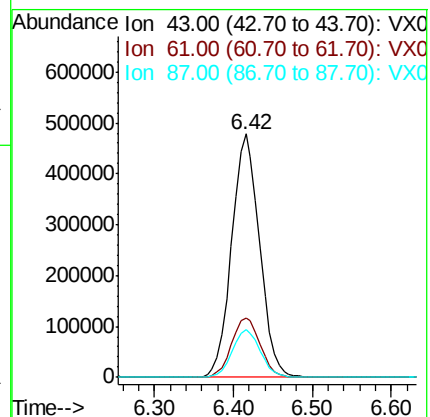
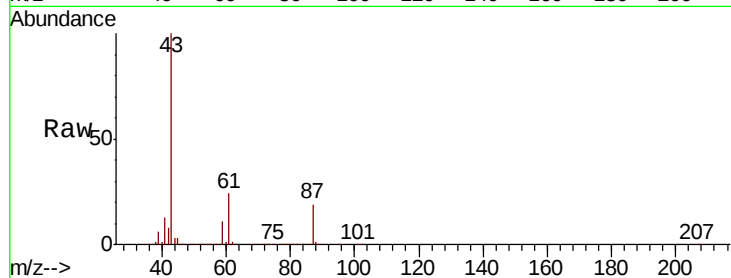
Tot Ion: 43 Resp: 1173338

Ion Ratio Lower Upper

43 100

61 25.2 19.2 28.8

87 19.7 14.4 21.6



#44

Trichloroethene

Concen: 141.953 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX019003.D

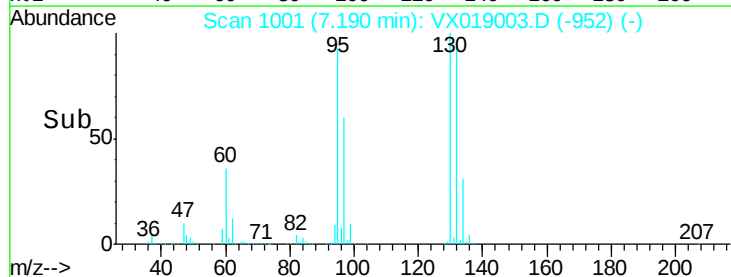
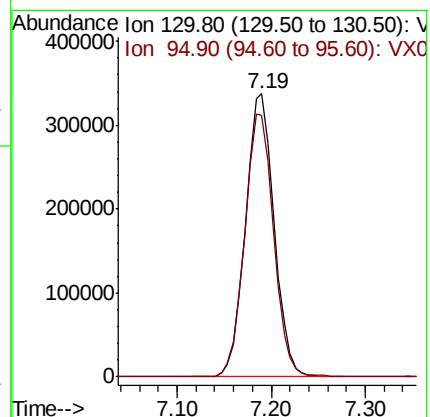
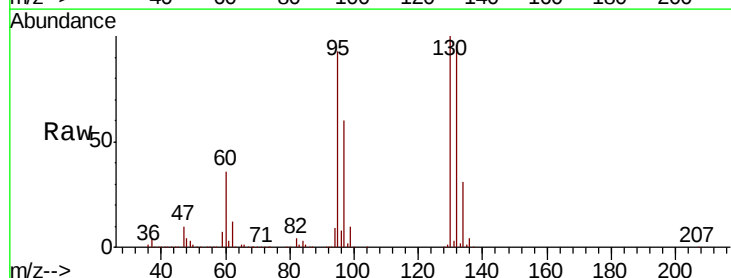
Acq: 21 Oct 2020 12:18

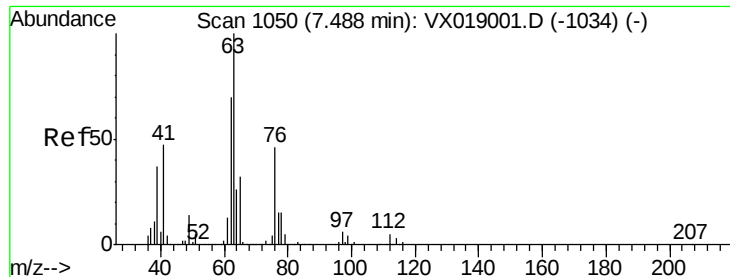
Tgt Ion:130 Resp: 716710

Ion Ratio Lower Upper

130 100

95 92.6 0.0 185.2





#45

1,2-Dichloropropane

Concen: 121.326 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

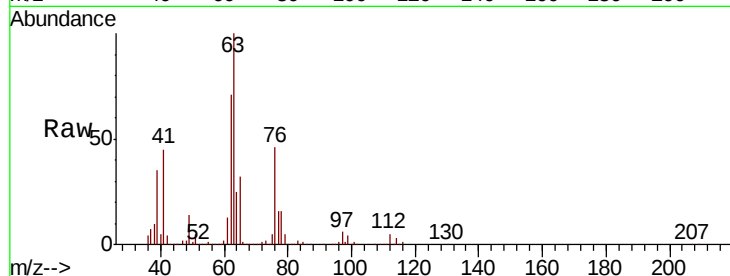
VSTDIC150

Tot Ion: 63 Resp: 576387

Ion Ratio Lower Upper

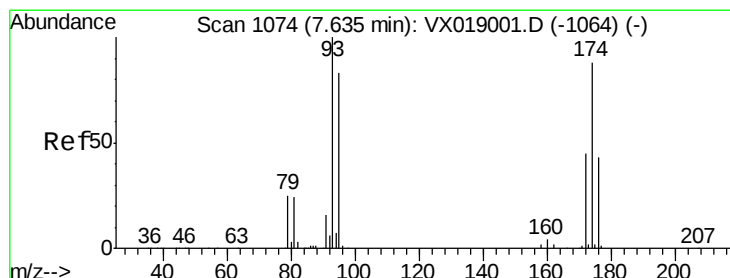
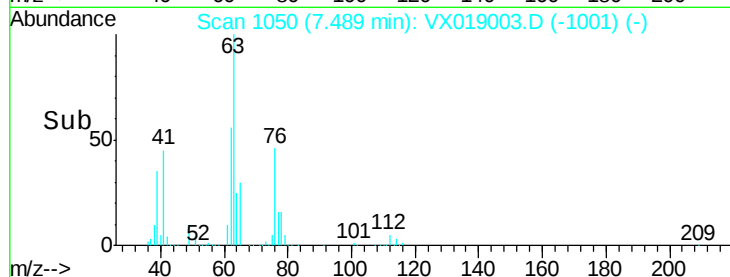
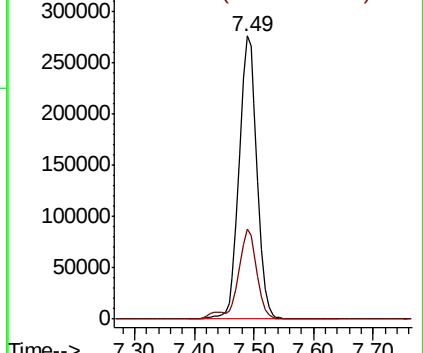
63 100

65 31.7 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 138.716 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

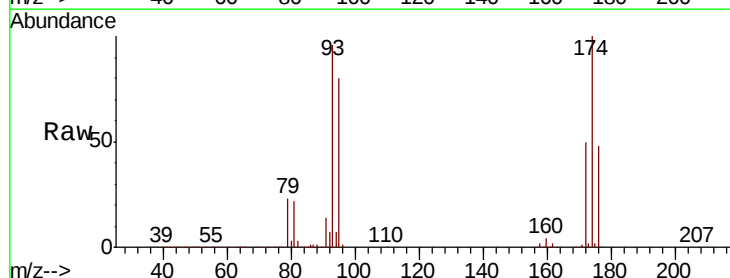
Tgt Ion: 93 Resp: 456000

Ion Ratio Lower Upper

93 100

95 82.9 66.8 100.2

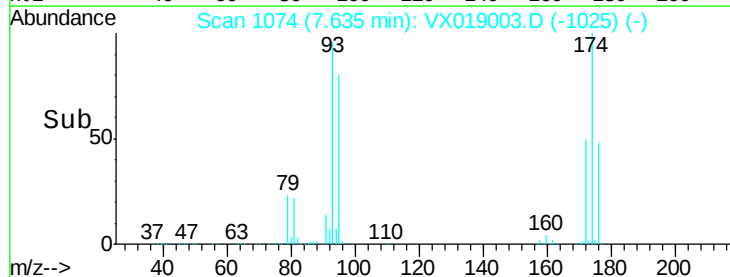
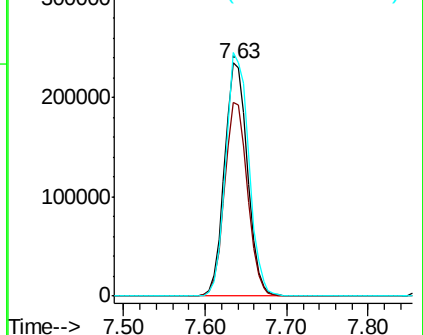
174 104.9 76.1 114.1

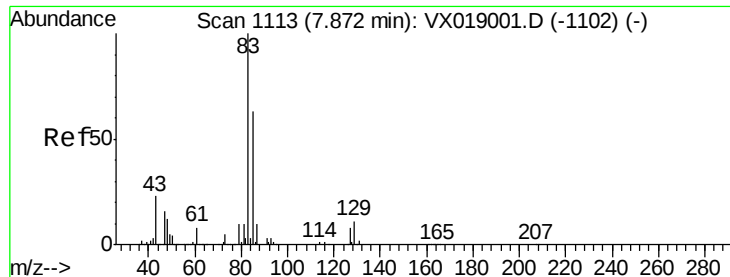


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 137.629 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

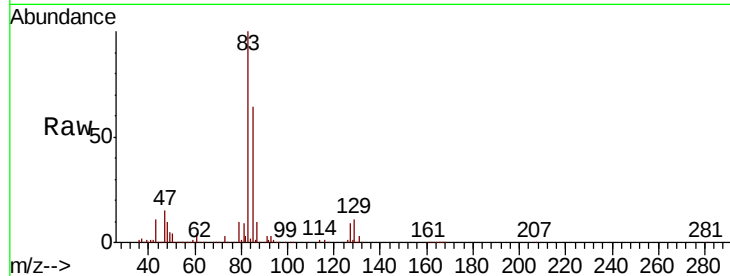
Tot Ion: 83 Resp: 912077

Ion Ratio Lower Upper

83 100

85 63.9 50.7 76.1

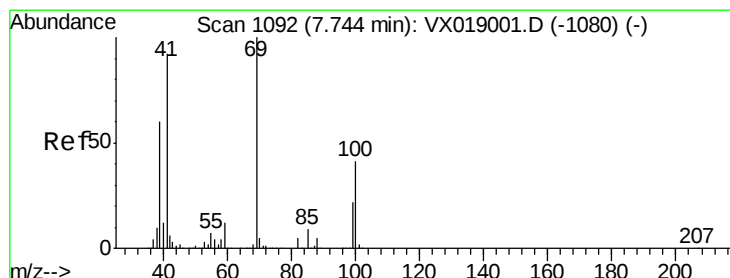
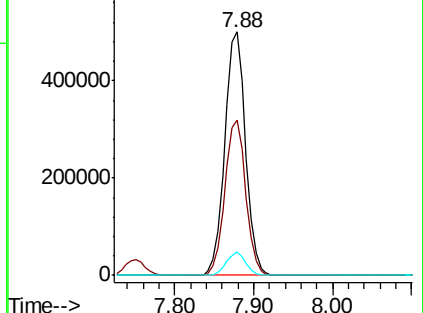
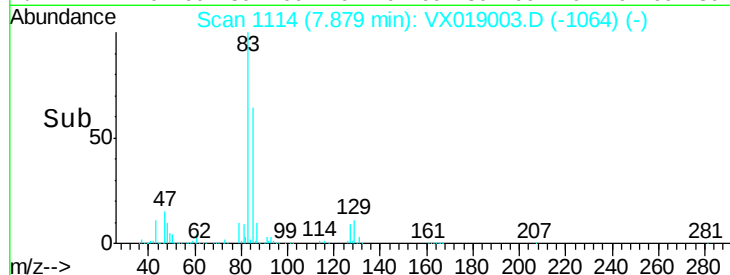
127 9.4 6.2 9.4#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 109.220 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

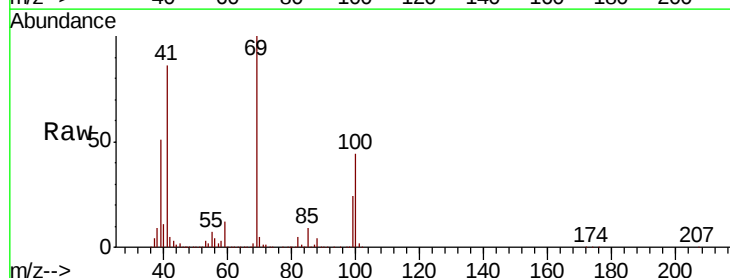
Tgt Ion: 41 Resp: 553846

Ion Ratio Lower Upper

41 100

69 115.4 87.8 131.8

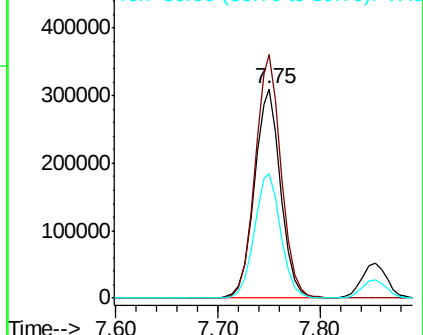
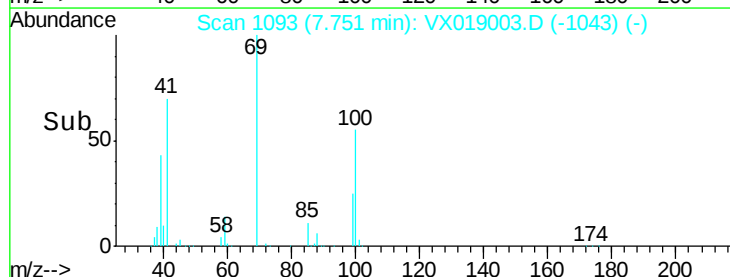
39 59.9 50.0 75.0

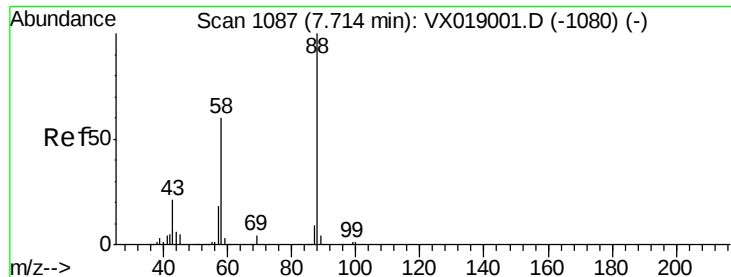


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

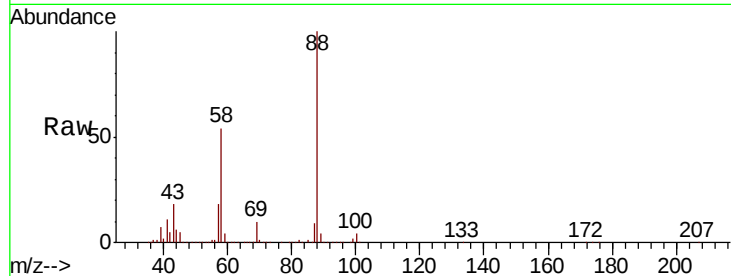




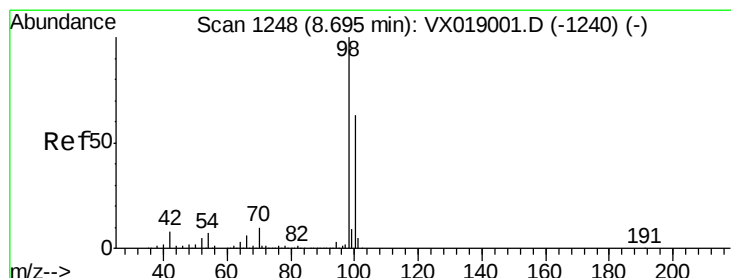
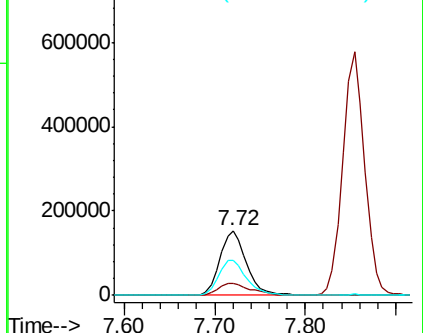
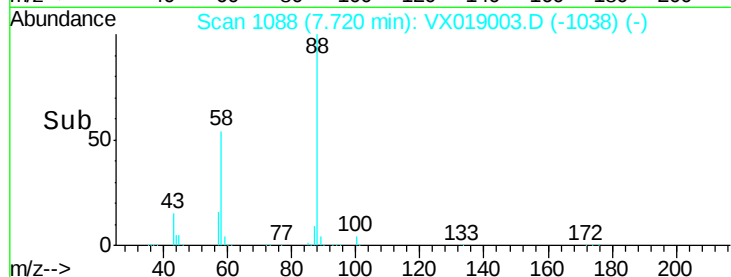
#49
1,4-Dioxane
Concen: 3488.926 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 88 Resp: 314842
Ion Ratio Lower Upper
88 100
43 22.7 20.1 30.1
58 57.5 48.8 73.2

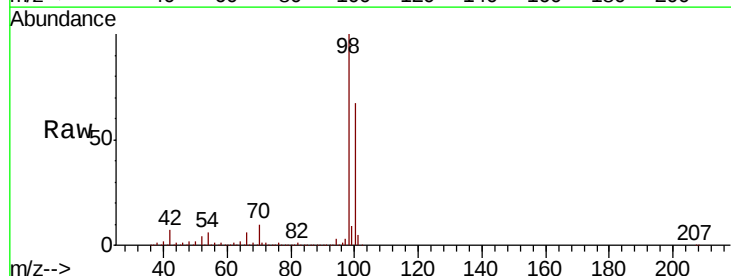


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

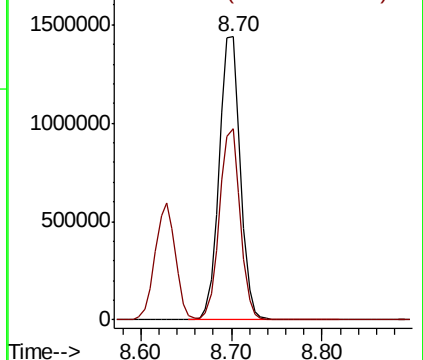
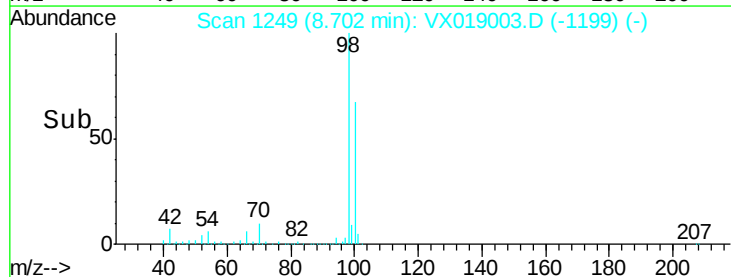


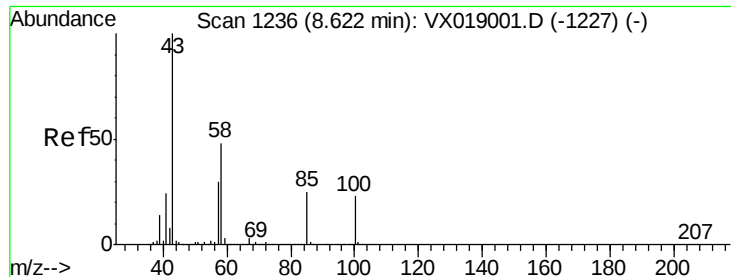
#50
Toluene-d8
Concen: 146.994 ug/l
RT: 8.70 min Scan# 1249
Delta R.T. 0.01 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Tgt Ion: 98 Resp: 2335145
Ion Ratio Lower Upper
98 100
100 66.5 52.5 78.7



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





#51

4-Methyl-2-Pentanone

Concen: 573.392 ug/l

RT: 8.63 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

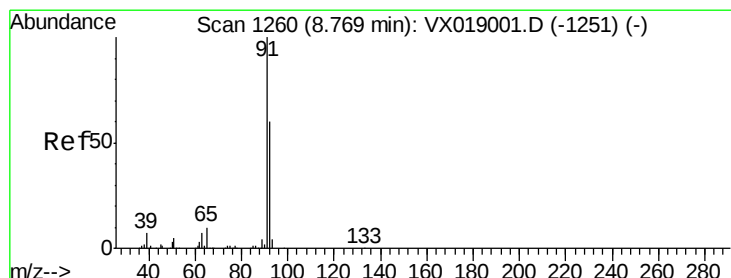
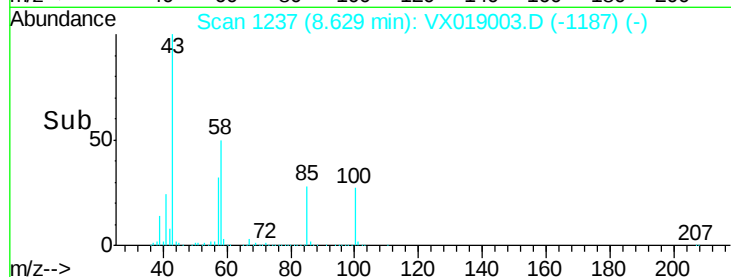
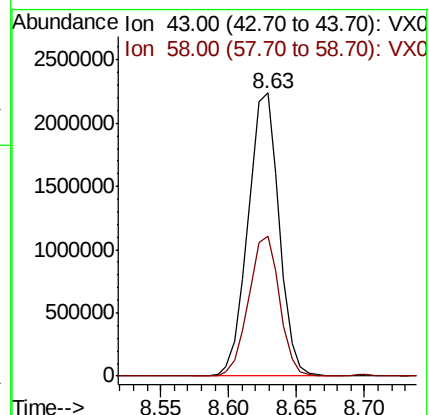
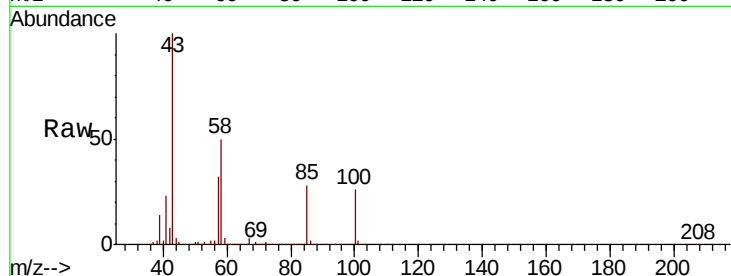
VSTDIC150

Tot Ion: 43 Resp: 3593610

Ion Ratio Lower Upper

43 100

58 49.3 37.8 56.6



#52

Toluene

Concen: 148.329 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VX019003.D

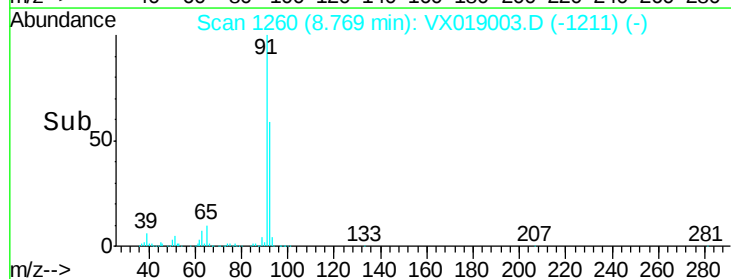
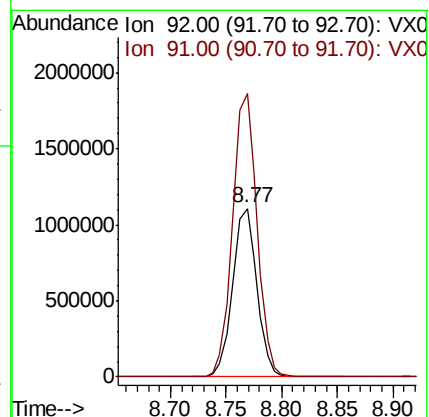
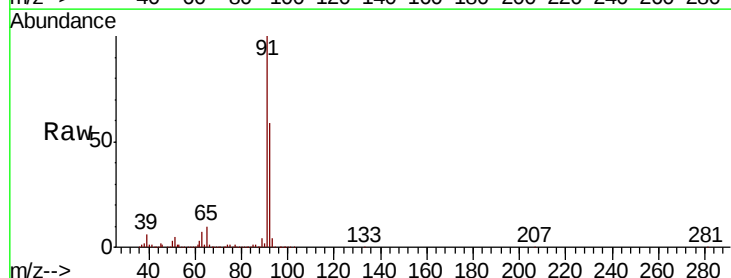
Acq: 21 Oct 2020 12:18

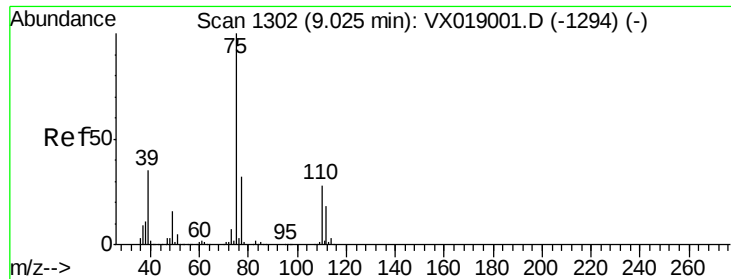
Tgt Ion: 92 Resp: 1666831

Ion Ratio Lower Upper

92 100

91 169.9 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 136.609 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

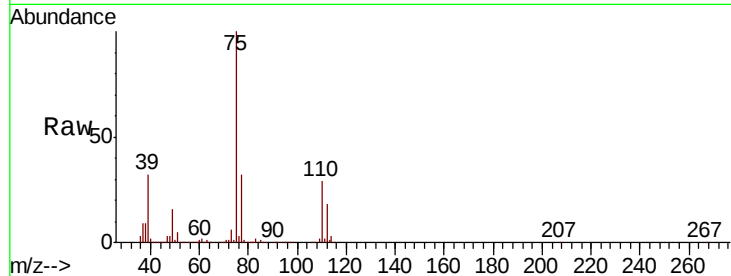
VSTDIC150

Tot Ion: 75 Resp: 1034957

Ion Ratio Lower Upper

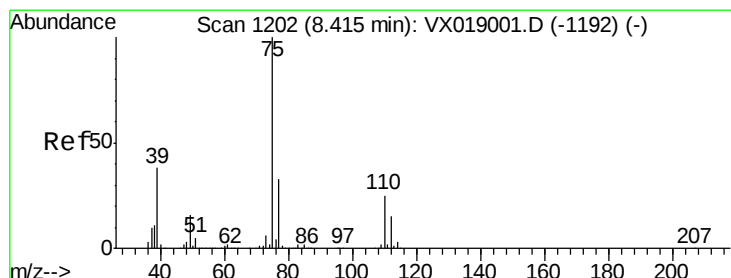
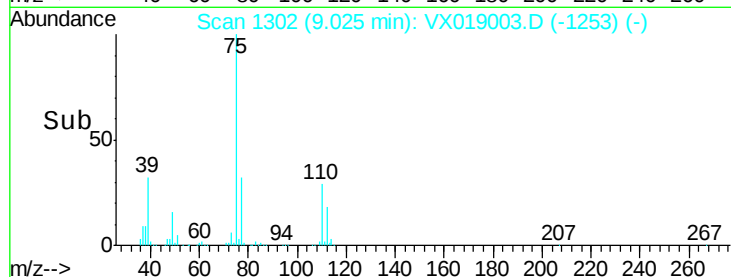
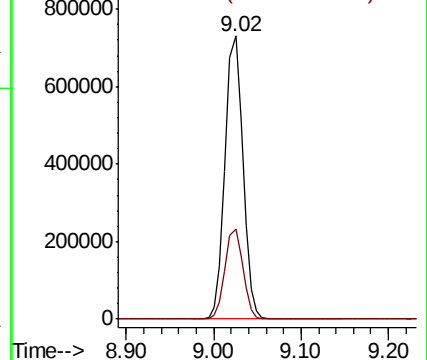
75 100

77 32.0 26.0 39.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 139.273 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

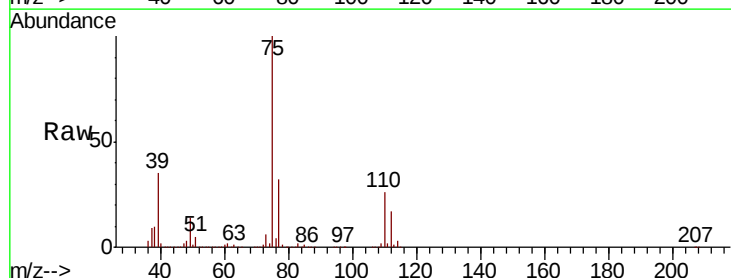
Tgt Ion: 75 Resp: 1081367

Ion Ratio Lower Upper

75 100

77 31.9 26.3 39.5

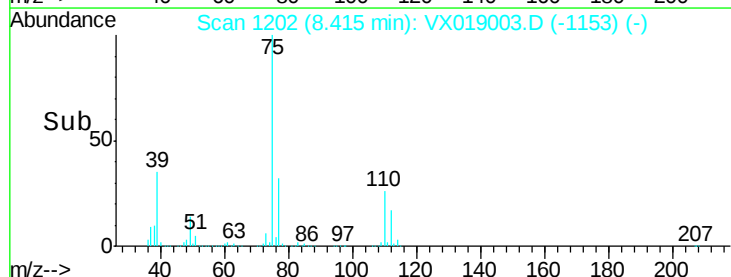
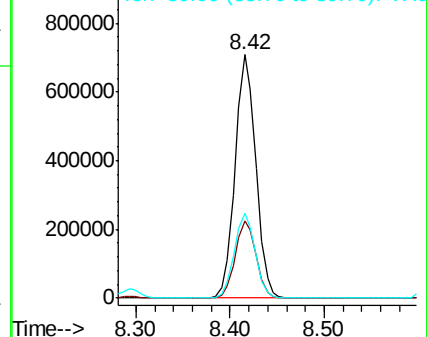
39 35.0 30.5 45.7

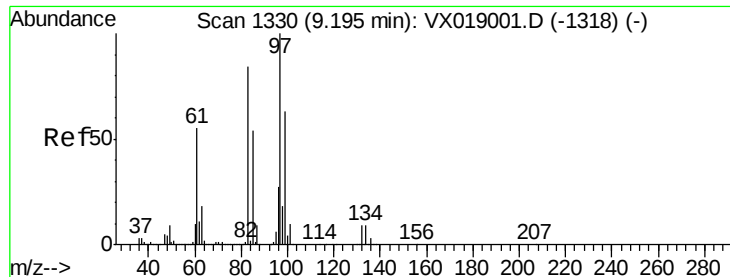


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

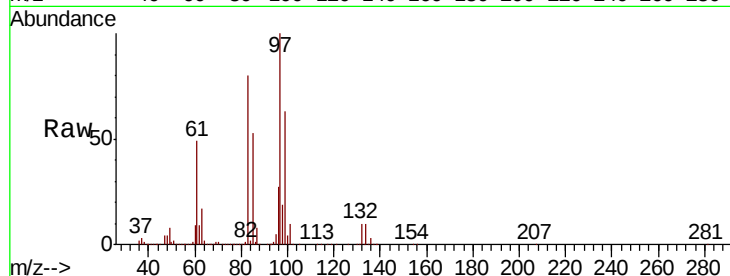




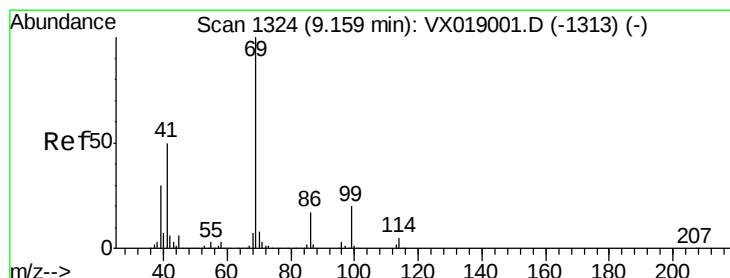
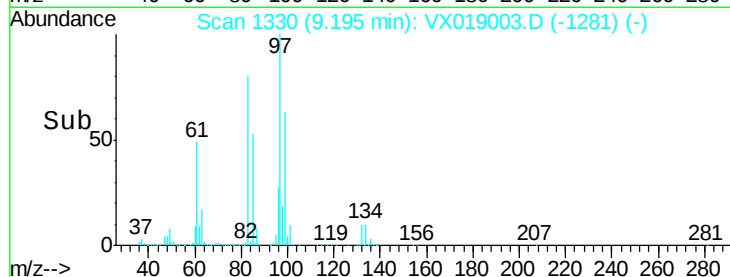
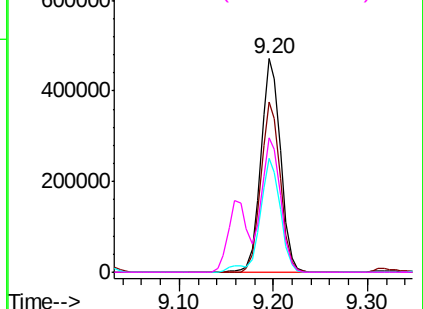
#55
 1,1,2-Trichloroethane
 Concen: 149.999 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX019003.D
 Acq: 21 Oct 2020 12:18

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	694563
Ion	Ratio	Lower	Upper
97	100		
83	79.8	67.0	100.4
85	53.1	43.4	65.0
99	62.9	50.4	75.6

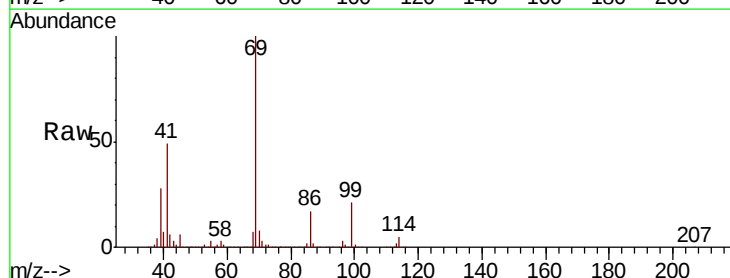


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

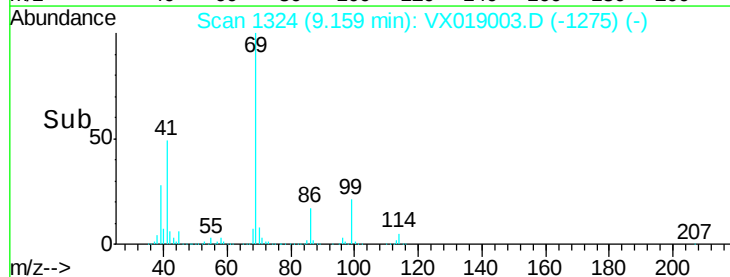
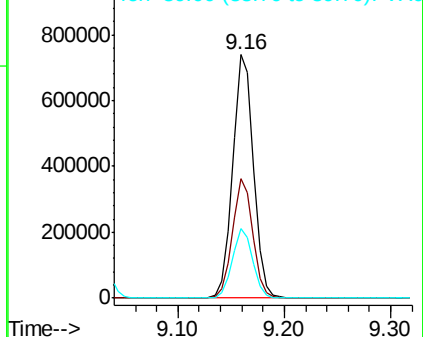


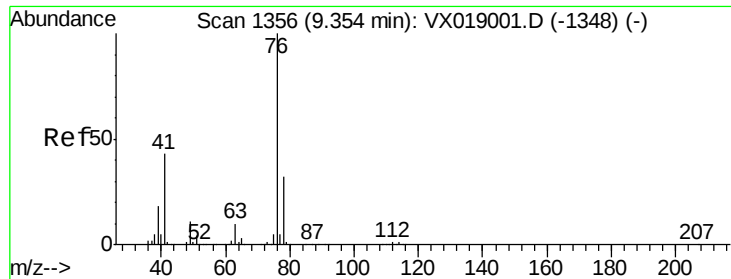
#56
 Ethyl methacrylate
 Concen: 148.254 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX019003.D
 Acq: 21 Oct 2020 12:18

Tgt Ion:	69	Resp:	1011254
Ion	Ratio	Lower	Upper
69	100		
41	48.1	40.2	60.4
39	28.0	24.1	36.1



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





#57

1,3-Dichloropropane

Concen: 138.958 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

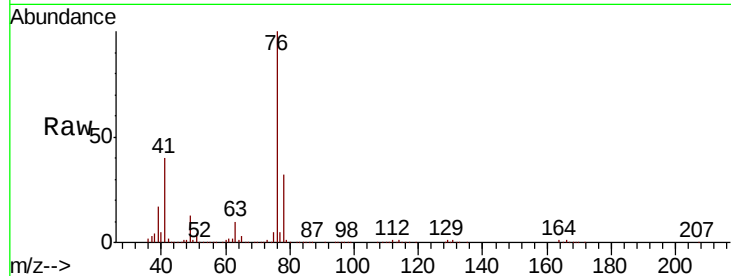
VSTDIC150

Tot Ion: 76 Resp: 1075223

Ion Ratio Lower Upper

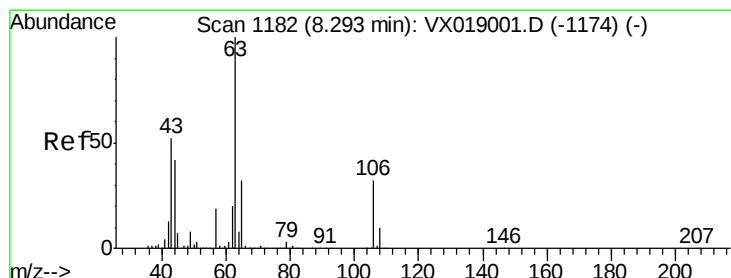
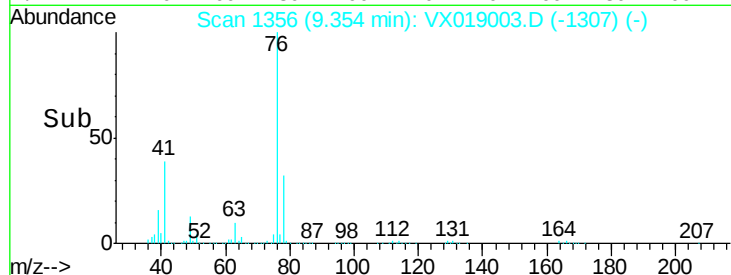
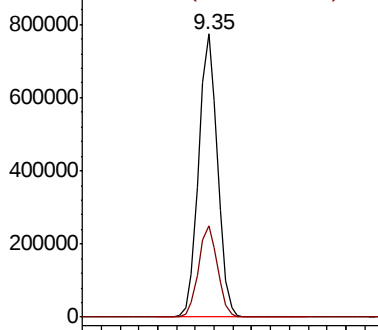
76 100

78 32.7 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 700.865 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX019003.D

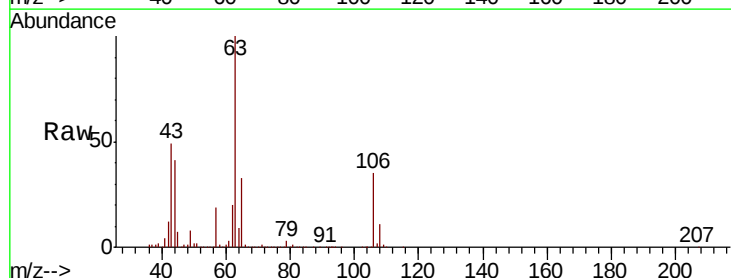
Acq: 21 Oct 2020 12:18

Tgt Ion: 63 Resp: 2525891

Ion Ratio Lower Upper

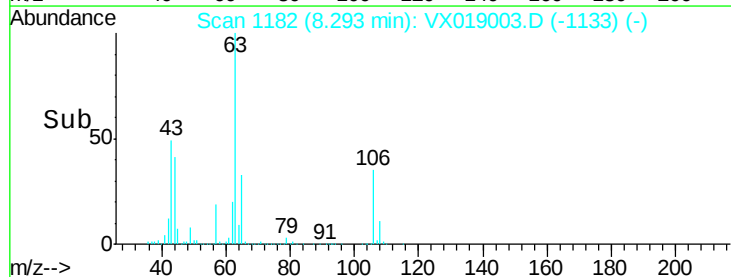
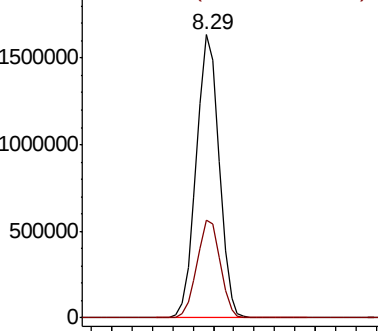
63 100

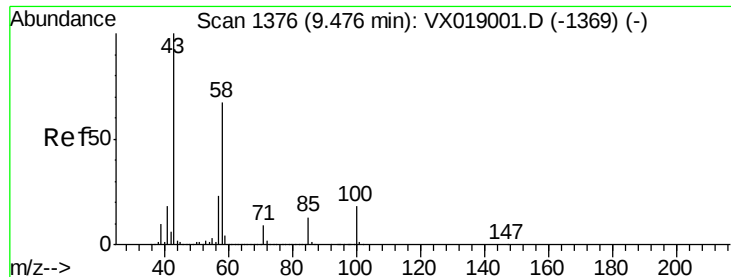
106 35.2 25.0 37.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

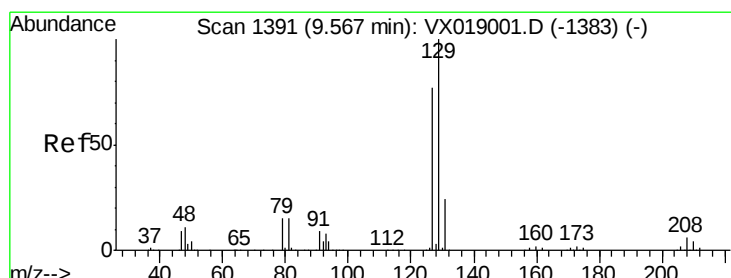
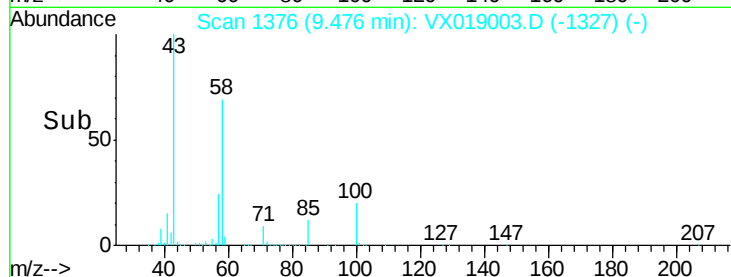
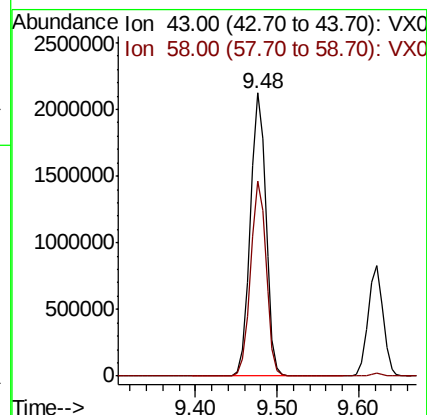
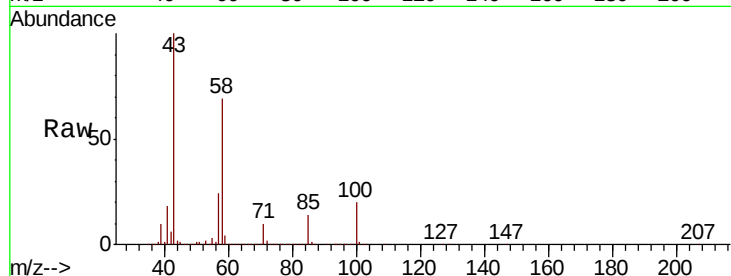




#59
2-Hexanone
Concen: 590.779 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

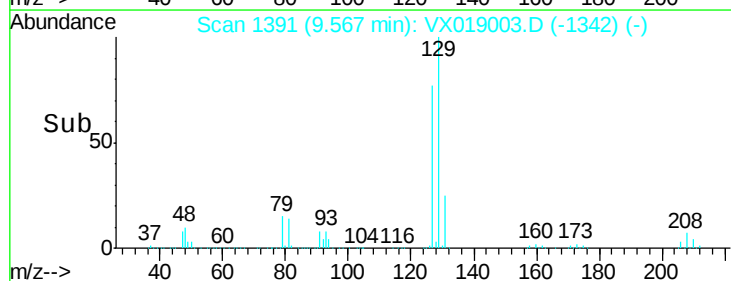
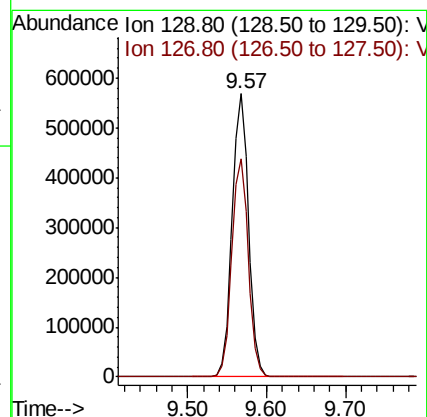
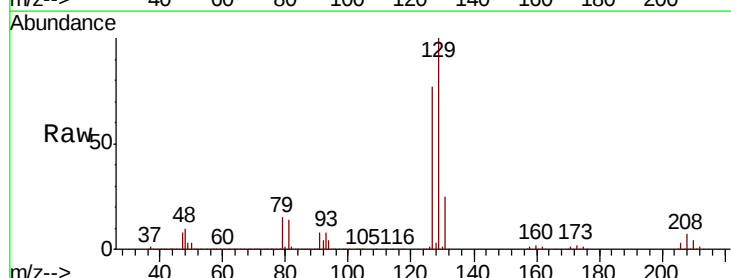
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

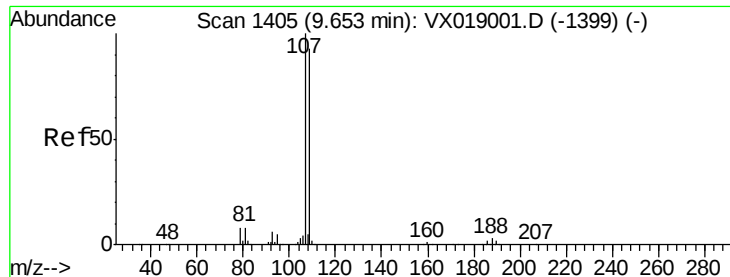
Tot Ion: 43 Resp: 2814638
Ion Ratio Lower Upper
43 100
58 68.4 33.0 99.0



#60
Dibromochloromethane
Concen: 150.421 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Tgt Ion: 129 Resp: 819086
Ion Ratio Lower Upper
129 100
127 77.6 38.7 116.1





#61

1,2-Dibromoethane

Concen: 154.677 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

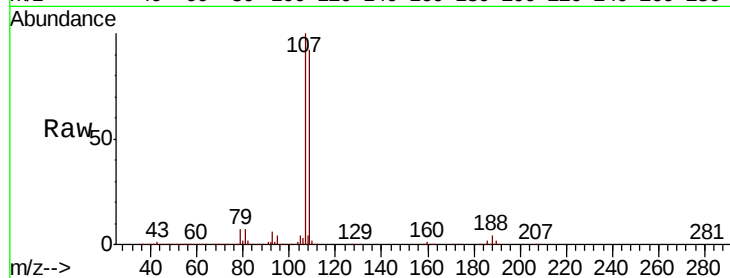
VSTDIC150

Tot Ion:107 Resp: 762347

Ion Ratio Lower Upper

107 100

109 92.9 75.4 113.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

600000

500000

400000

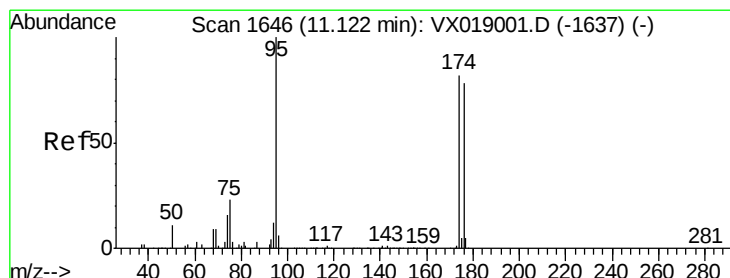
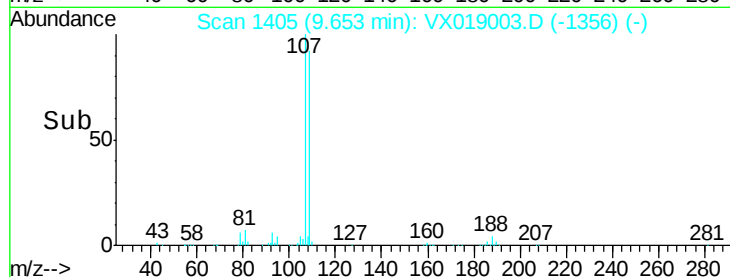
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 143.784 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

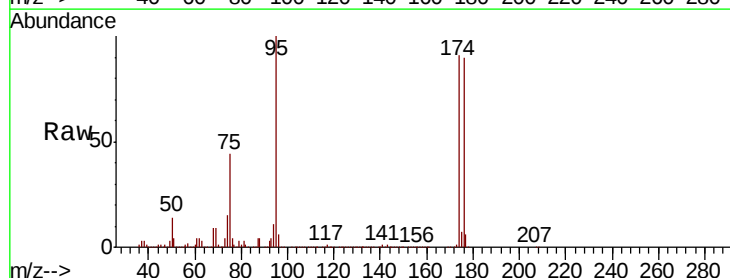
Tgt Ion: 95 Resp: 898585

Ion Ratio Lower Upper

95 100

174 91.1 0.0 158.4

176 87.9 0.0 153.4



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

1000000

800000

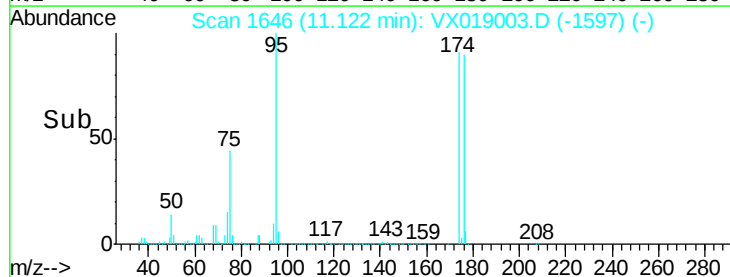
600000

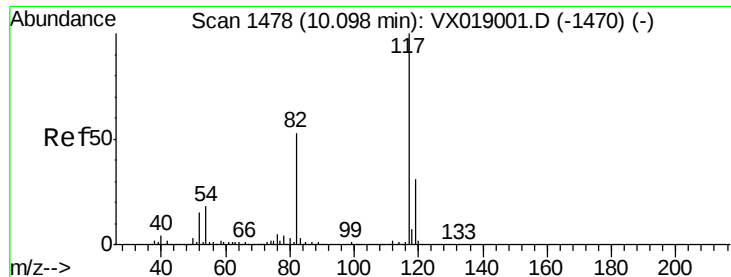
400000

200000

0

Time-->

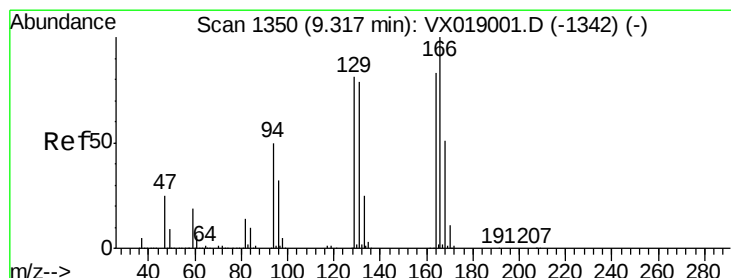
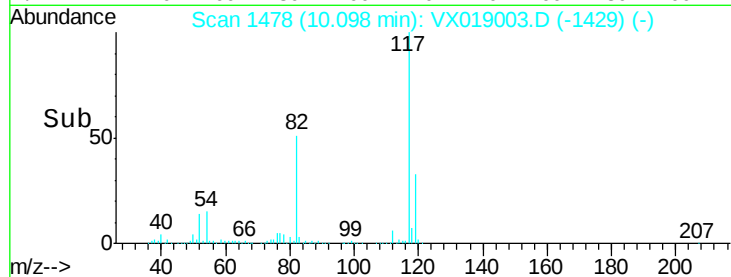
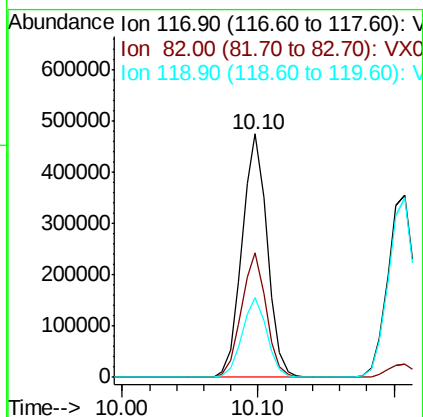
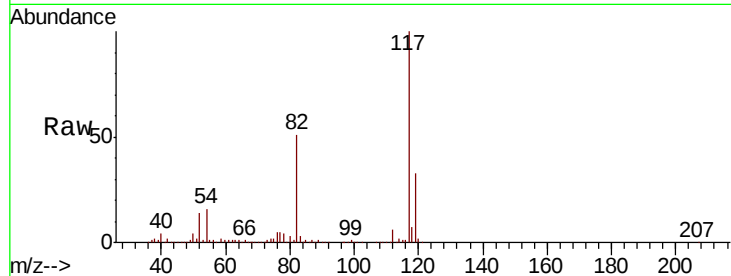




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

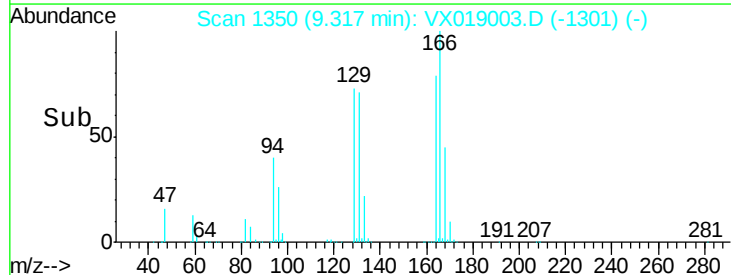
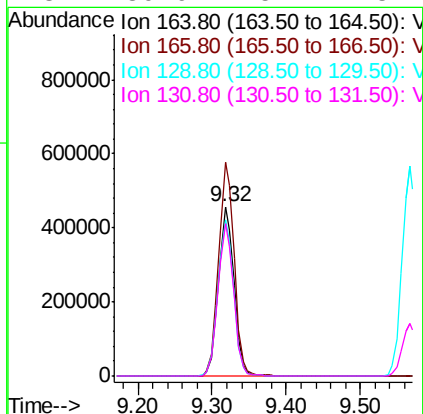
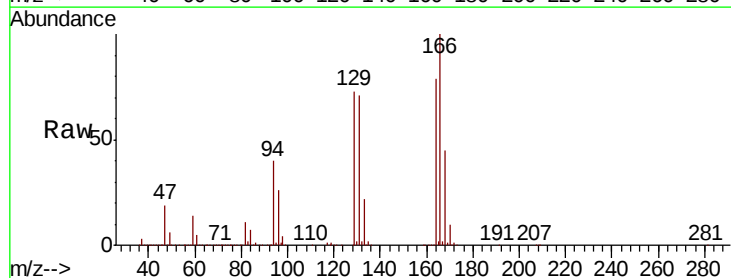
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

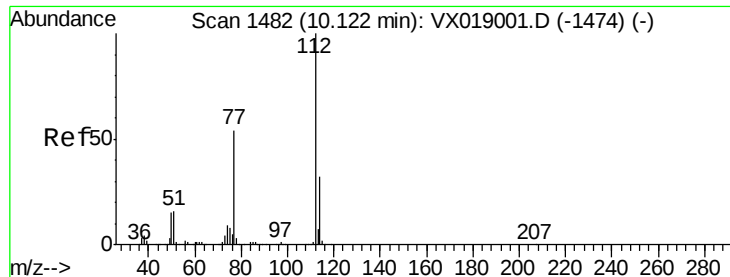
Tot Ion:117 Resp: 611714
Ion Ratio Lower Upper
117 100
82 51.3 42.4 63.6
119 32.8 25.0 37.4



#64
Tetrachloroethene
Concen: 138.214 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Tgt Ion:164 Resp: 653442
Ion Ratio Lower Upper
164 100
166 126.2 96.1 144.1
129 92.4 78.2 117.4
131 89.9 75.4 113.2





#65

Chlorobenzene

Concen: 149.342 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

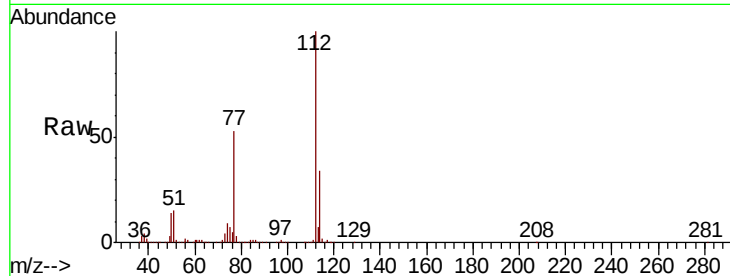
VSTDIC150

Tot Ion:112 Resp: 1884875

Ion Ratio Lower Upper

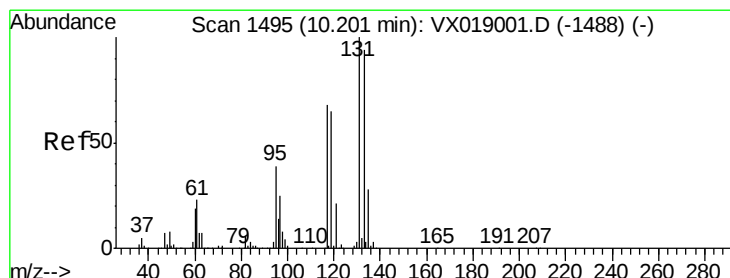
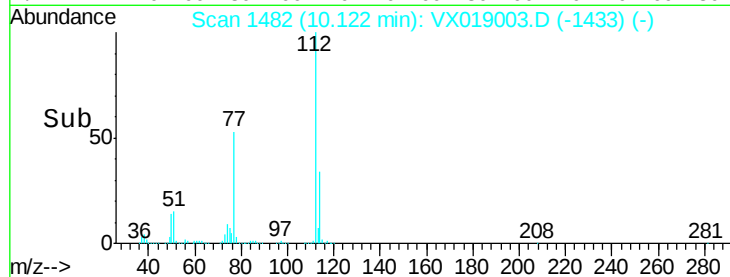
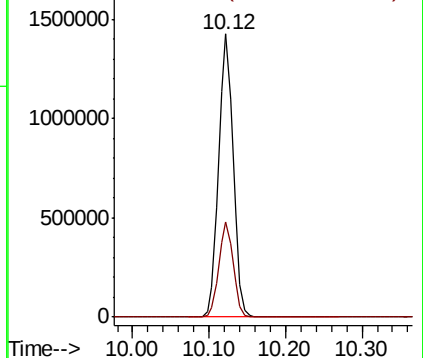
112 100

114 33.5 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 145.485 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

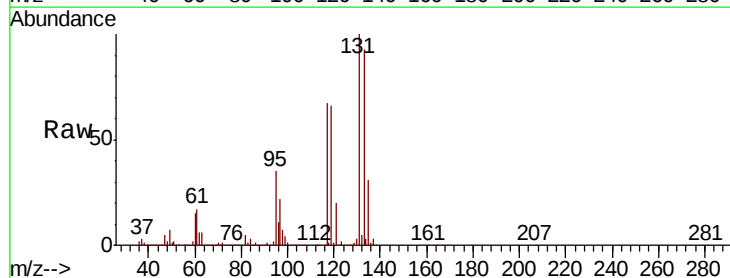
Tgt Ion:131 Resp: 723613

Ion Ratio Lower Upper

131 100

133 95.3 48.6 145.9

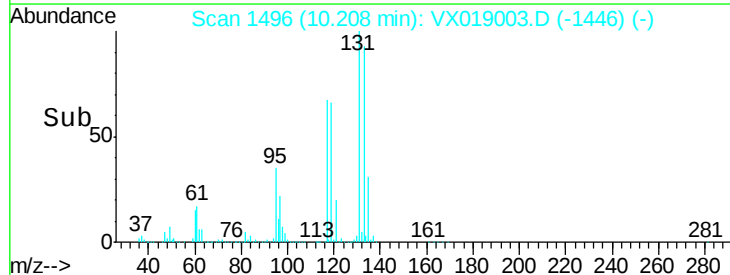
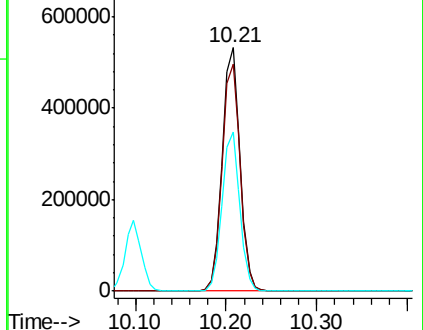
119 65.6 33.9 101.6

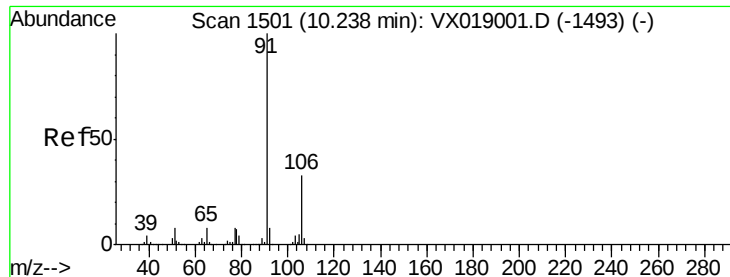


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 145.802 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

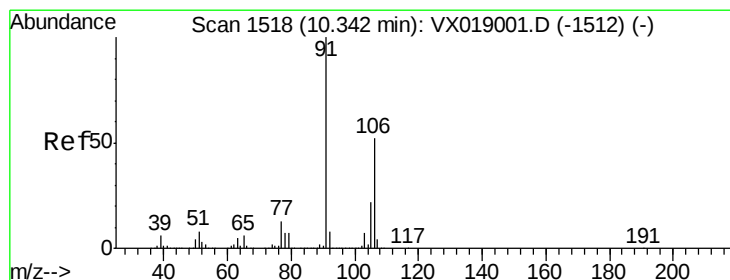
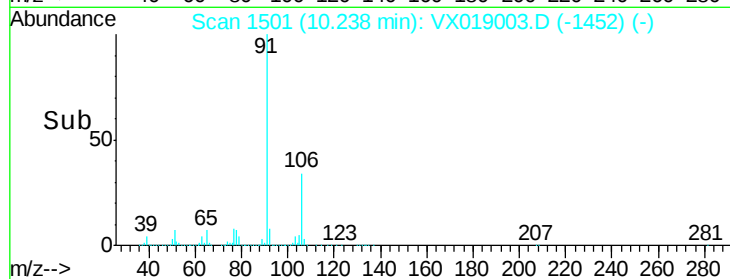
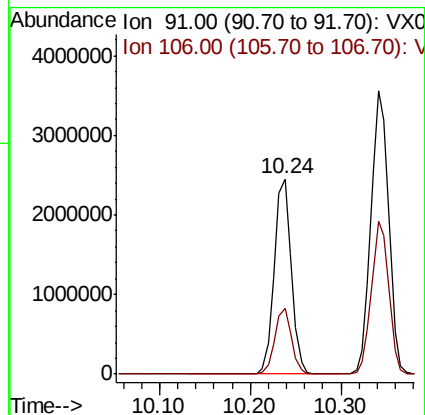
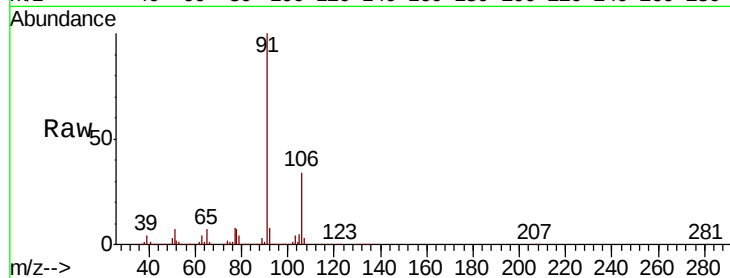
VSTDIC150

Tot Ion: 91 Resp: 3178971

Ion Ratio Lower Upper

91 100

106 33.7 26.7 40.1



#68

m/p-Xylenes

Concen: 307.052 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX019003.D

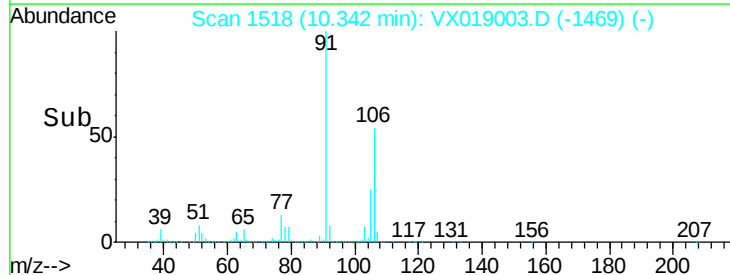
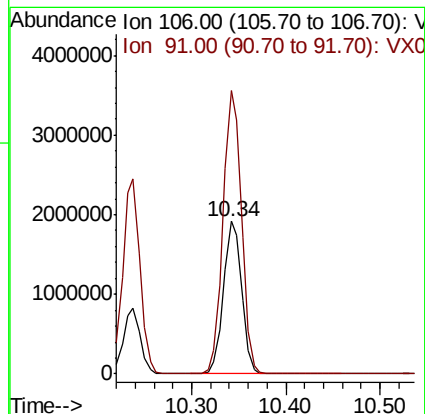
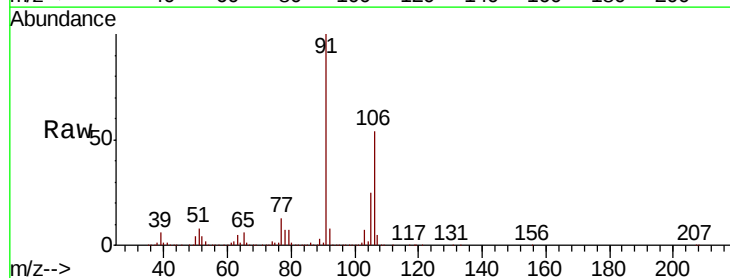
Acq: 21 Oct 2020 12:18

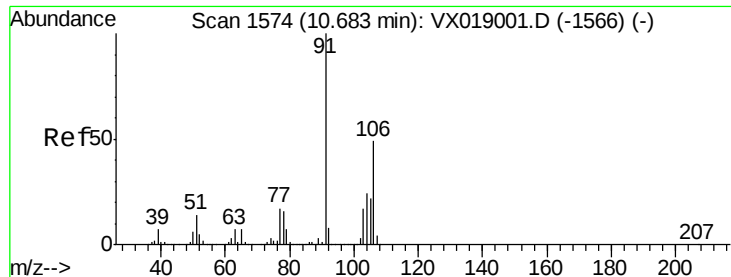
Tgt Ion: 106 Resp: 2562482

Ion Ratio Lower Upper

106 100

91 188.2 155.9 233.9

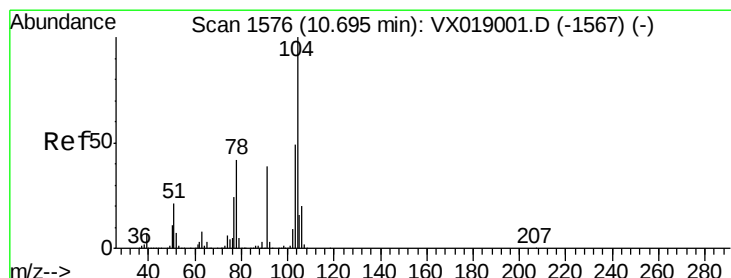
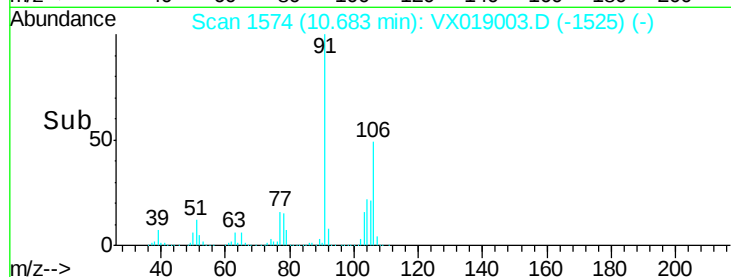
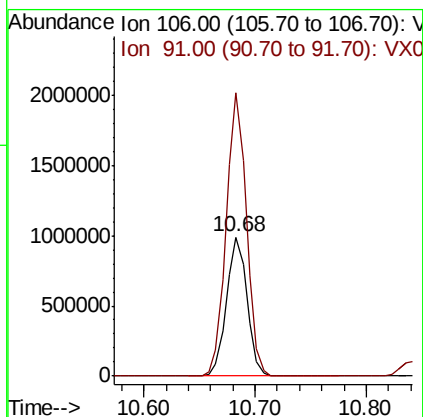
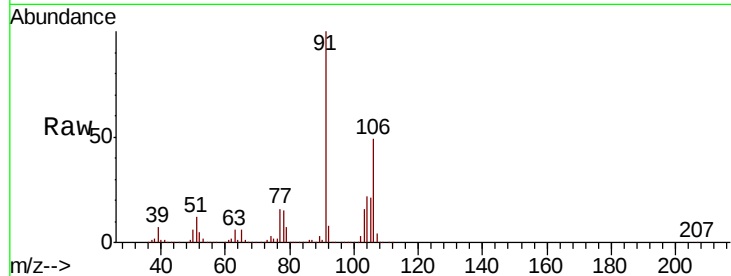




#69
o-Xylene
Concen: 160.037 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

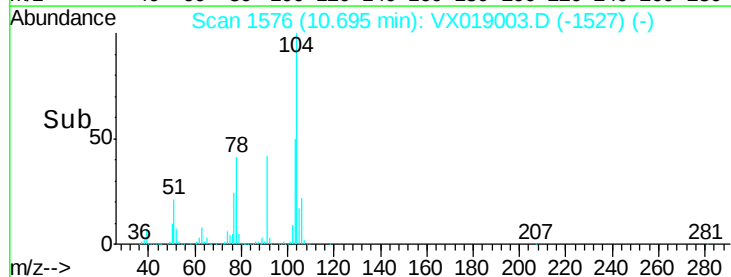
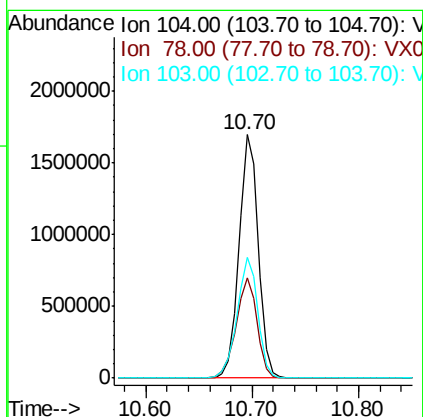
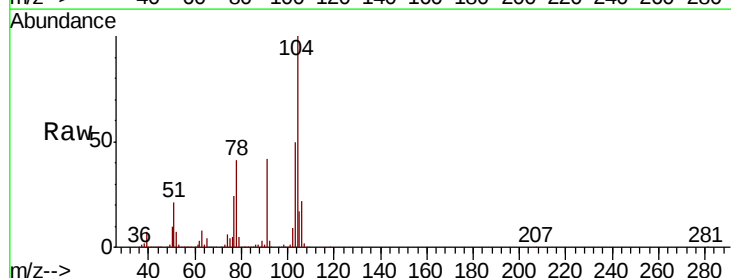
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

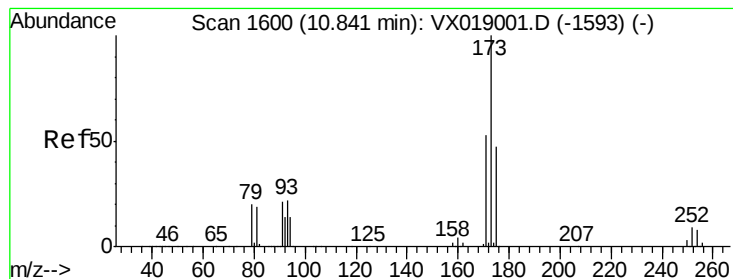
Tot Ion:106 Resp: 1259425
Ion Ratio Lower Upper
106 100
91 201.0 104.1 312.2



#70
Styrene
Concen: 159.179 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Tgt Ion:104 Resp: 2151611
Ion Ratio Lower Upper
104 100
78 45.1 37.3 55.9
103 53.9 43.0 64.6





#71

Bromoform

Concen: 165.395 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

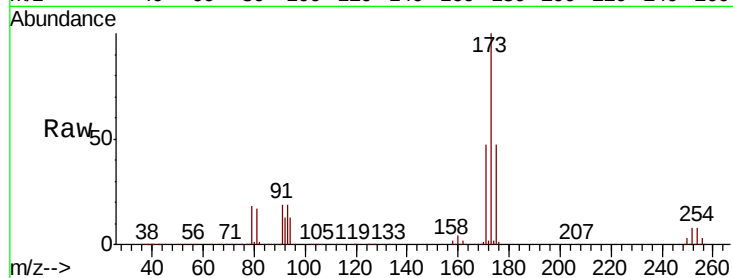
Tot Ion:173 Resp: 687427

Ion Ratio Lower Upper

173 100

175 47.7 23.8 71.2

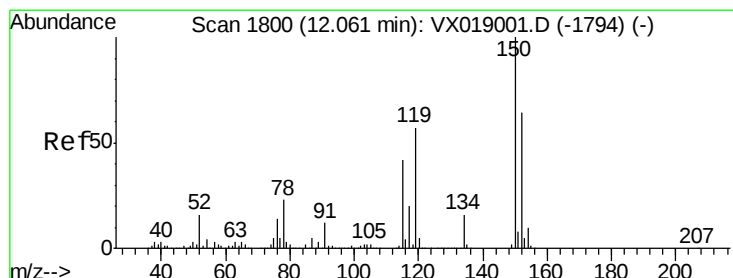
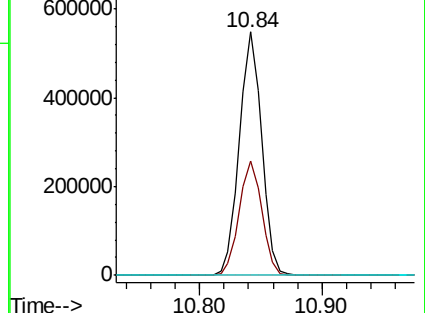
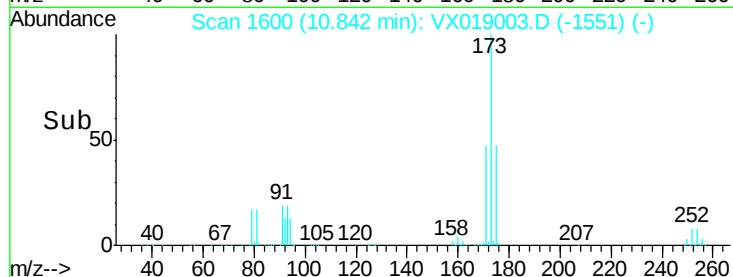
254 0.1 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

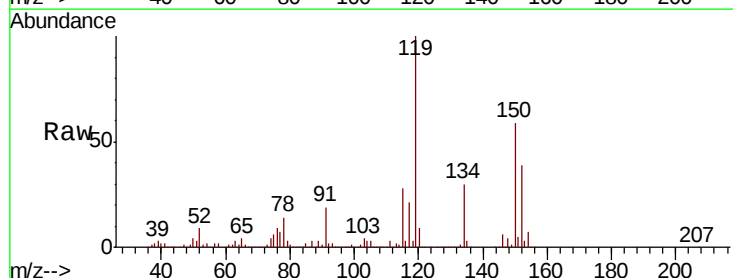
Tgt Ion:152 Resp: 348112

Ion Ratio Lower Upper

152 100

115 121.6 41.1 123.4

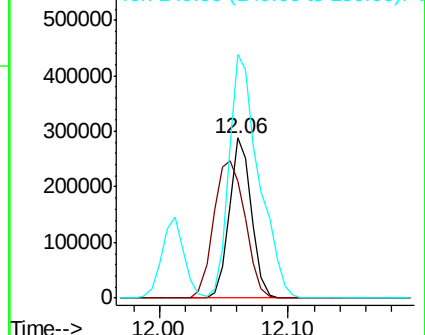
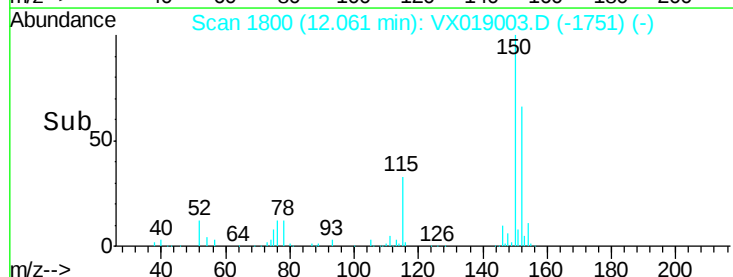
150 203.5 0.0 356.4

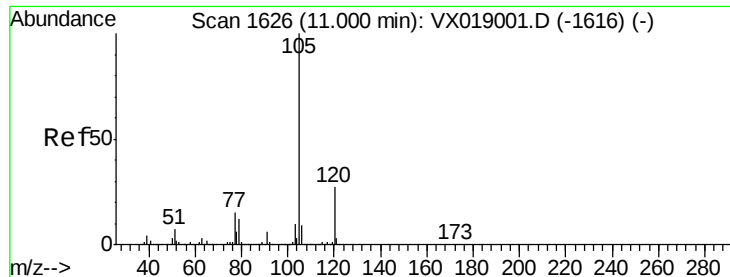


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 139.499 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

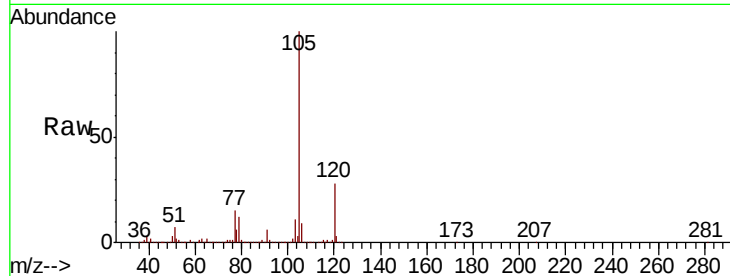
VSTDIC150

Tot Ion:105 Resp: 3262455

Ion Ratio Lower Upper

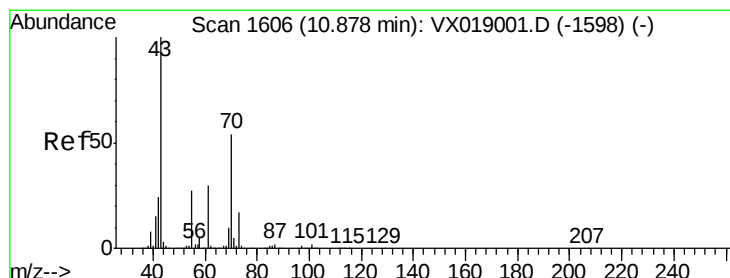
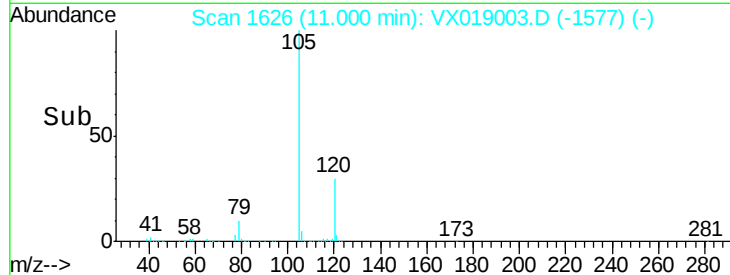
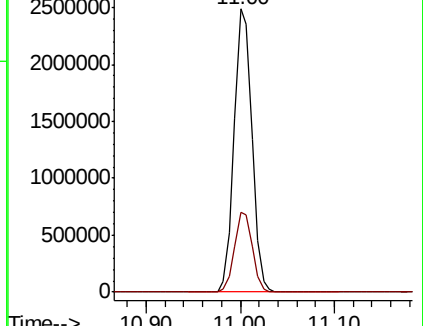
105 100

120 28.3 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 105.544 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Tgt Ion: 43 Resp: 1049803

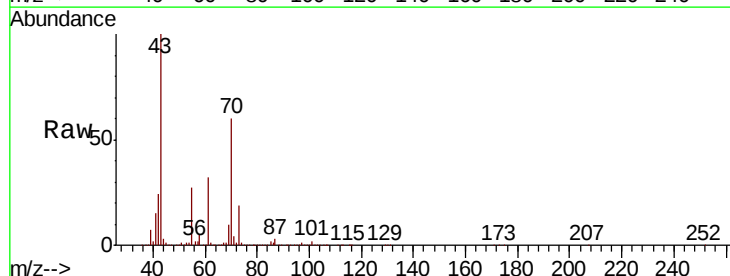
Ion Ratio Lower Upper

43 100

70 58.1 45.3 67.9

55 27.4 21.7 32.5

61 31.4 24.2 36.4

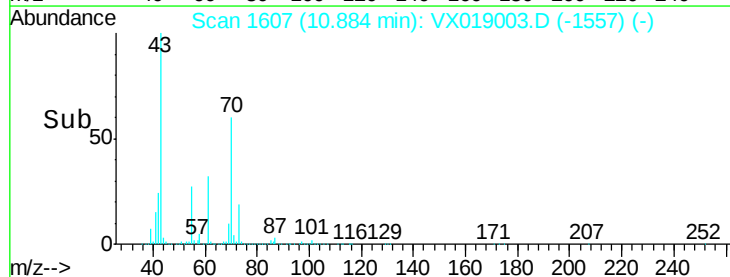
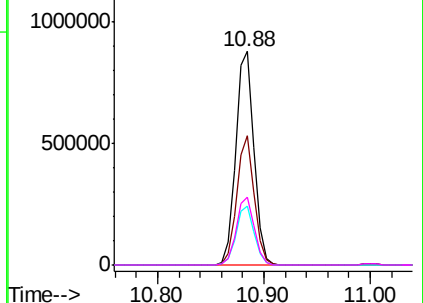


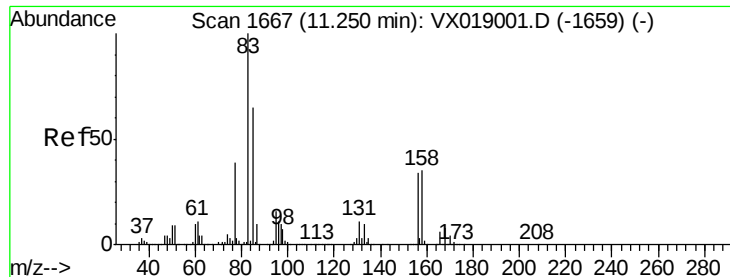
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 138.491 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

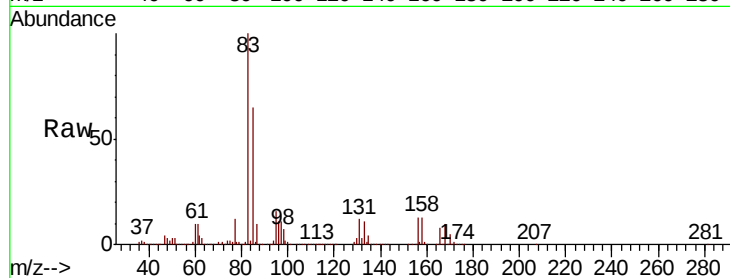
Tot Ion: 83 Resp: 1061817

Ion Ratio Lower Upper

83 100

131 11.3 5.5 16.4

85 64.7 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0

11.26

800000

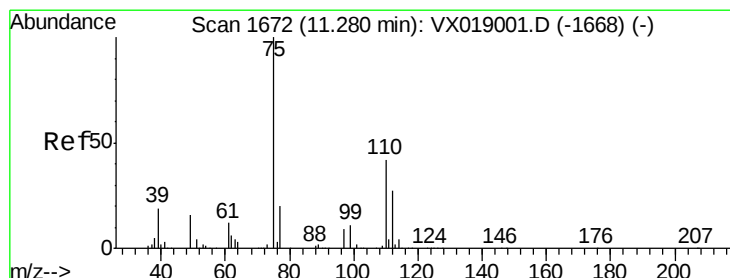
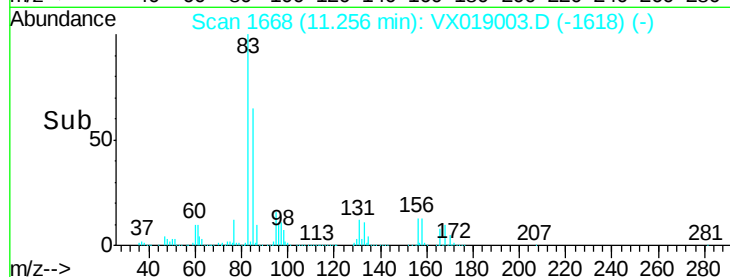
600000

400000

200000

0

Time-->



#76

1,2,3-Trichloropropane

Concen: 170.910 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX019003.D

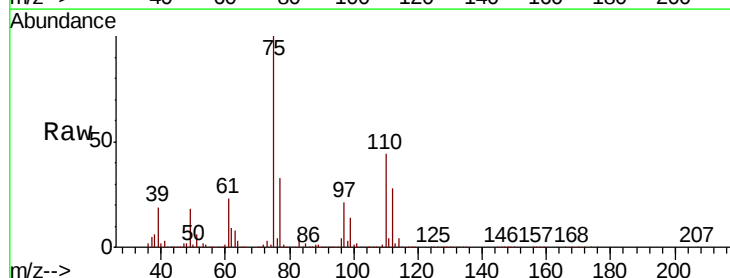
Acq: 21 Oct 2020 12:18

Tgt Ion: 75 Resp: 1236305

Ion Ratio Lower Upper

75 100

77 32.7 20.6 61.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.28

1000000

800000

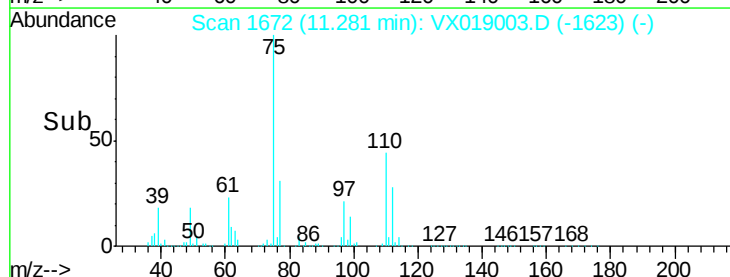
600000

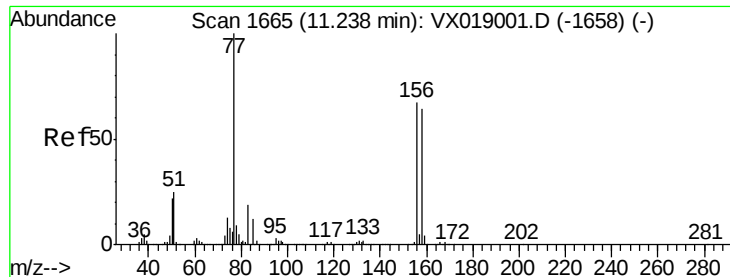
400000

200000

0

Time-->





#77

Bromobenzene

Concen: 144.219 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

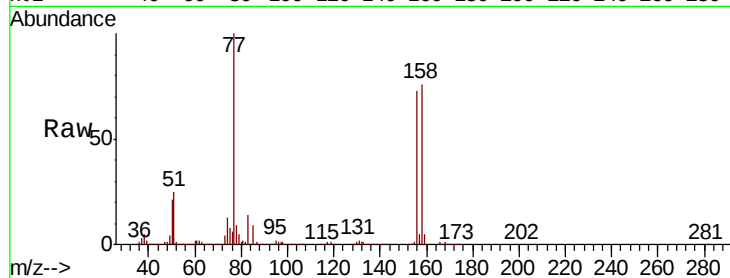
Tot Ion:156 Resp: 918738

Ion Ratio Lower Upper

156 100

77 131.5 74.0 221.9

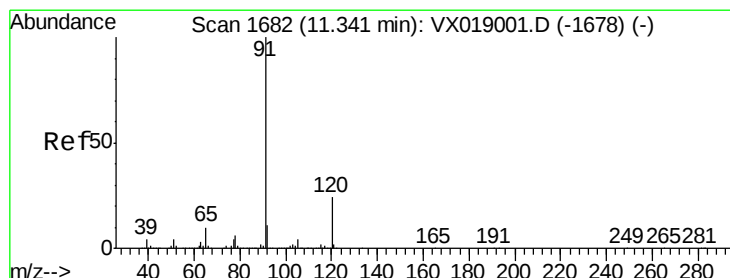
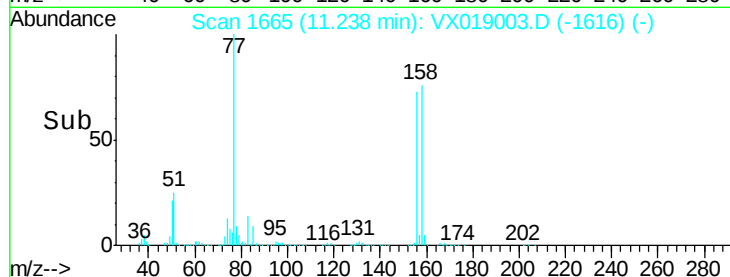
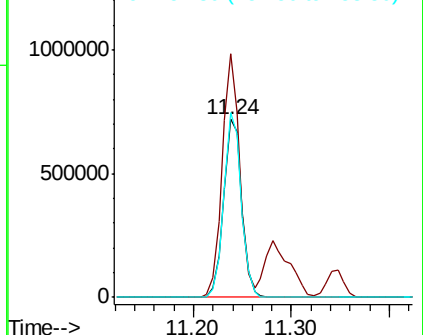
158 99.7 48.2 144.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 134.138 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX019003.D

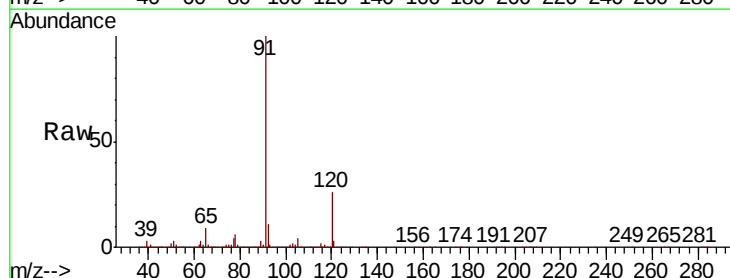
Acq: 21 Oct 2020 12:18

Tgt Ion: 91 Resp: 3634287

Ion Ratio Lower Upper

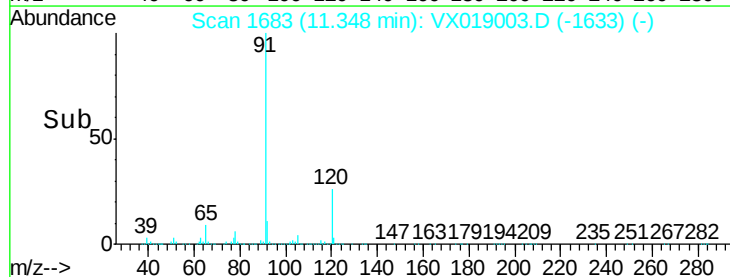
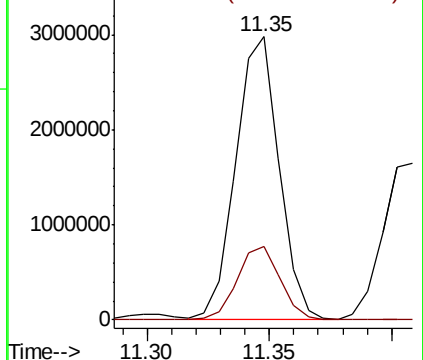
91 100

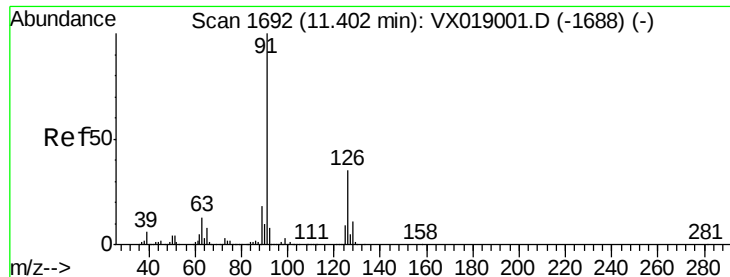
120 25.9 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

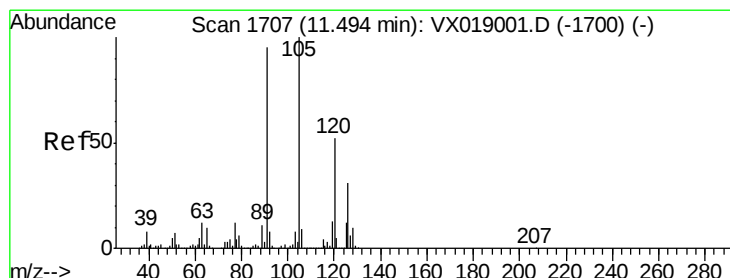
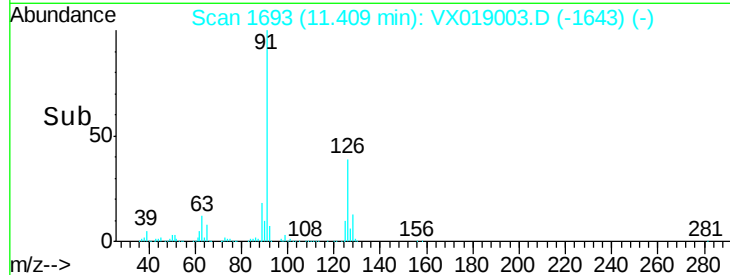
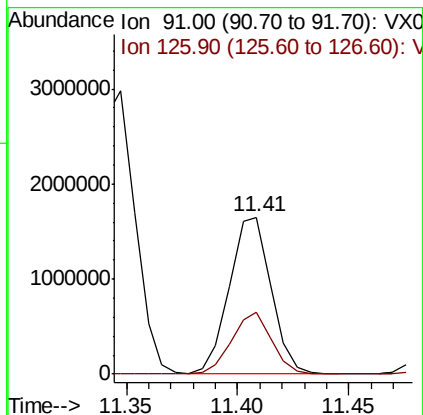
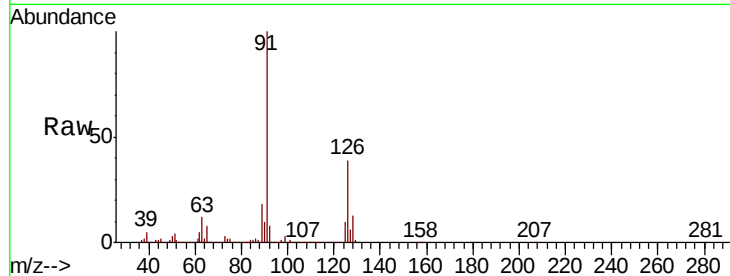




#79
2-Chlorotoluene
Concen: 130.781 ug/l
RT: 11.41 min Scan# 1693
Delta R.T. 0.01 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

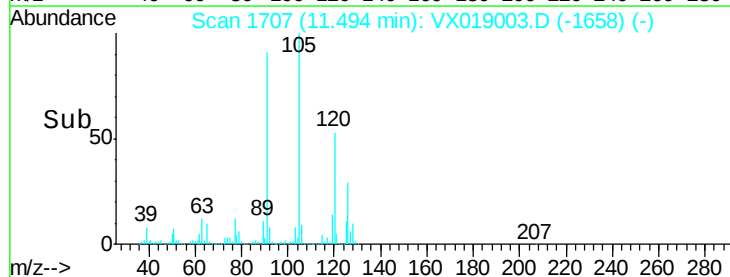
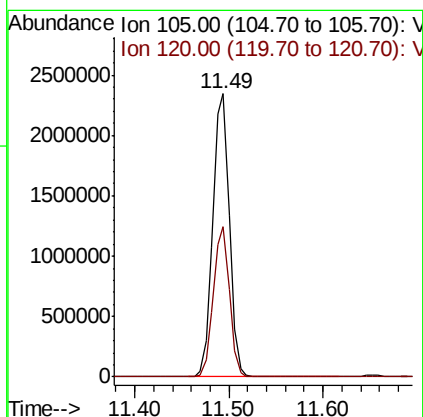
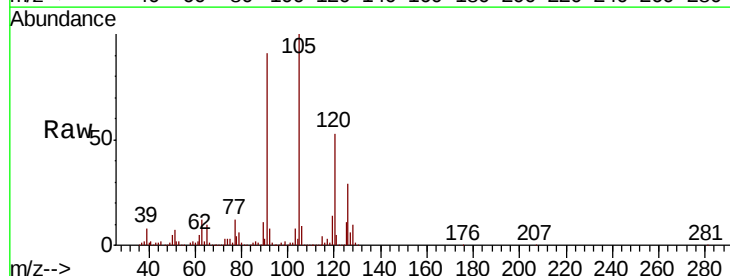
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

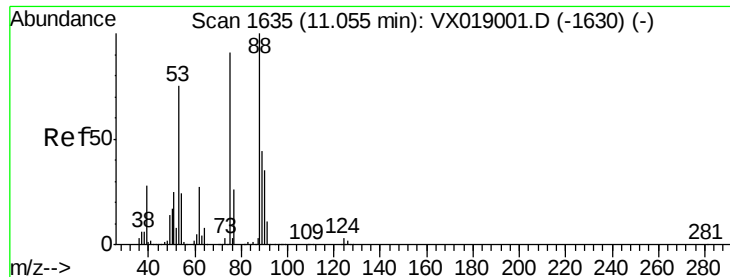
Tot Ion: 91 Resp: 2138659
Ion Ratio Lower Upper
91 100
126 37.8 18.0 54.0



#80
1,3,5-Trimethylbenzene
Concen: 142.867 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Tgt Ion:105 Resp: 2841716
Ion Ratio Lower Upper
105 100
120 51.7 25.4 76.4





#81

trans-1,4-Dichloro-2-butene

Concen: 137.429 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

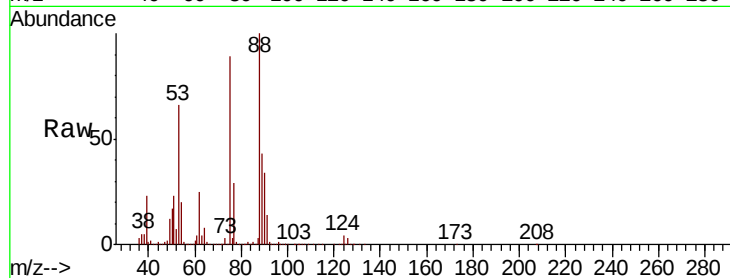
Tot Ion: 75 Resp: 386633

Ion Ratio Lower Upper

75 100

53 75.5 64.2 96.4

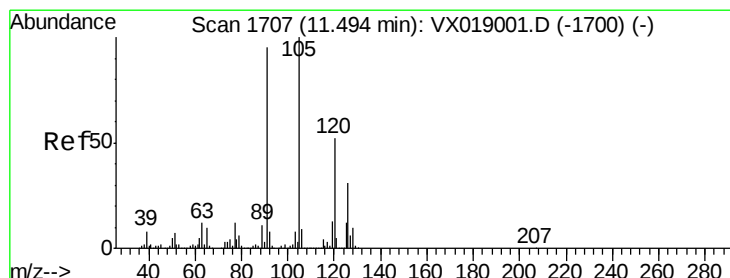
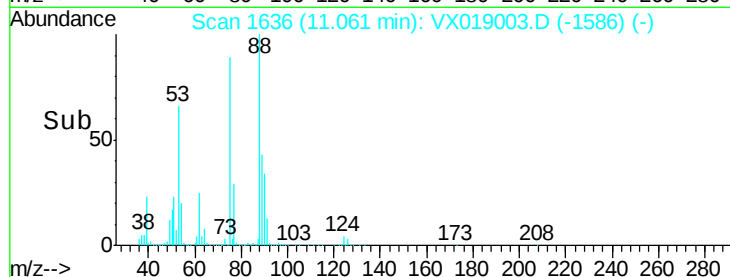
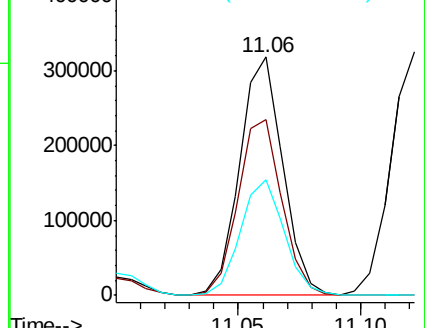
89 49.4 39.8 59.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 134.026 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX019003.D

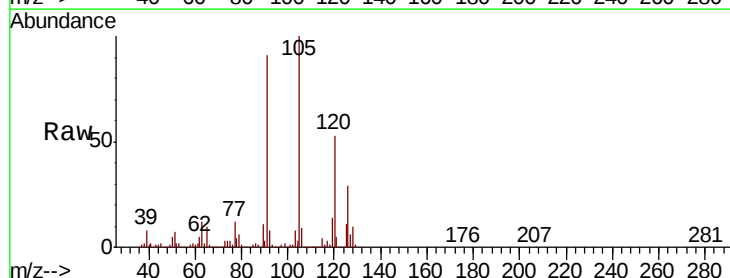
Acq: 21 Oct 2020 12:18

Tgt Ion: 91 Resp: 2606013

Ion Ratio Lower Upper

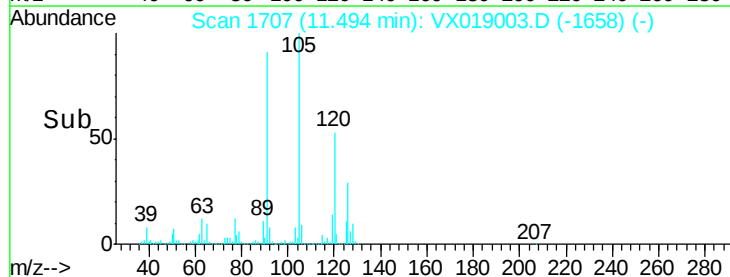
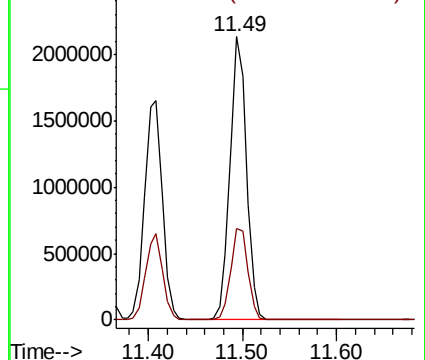
91 100

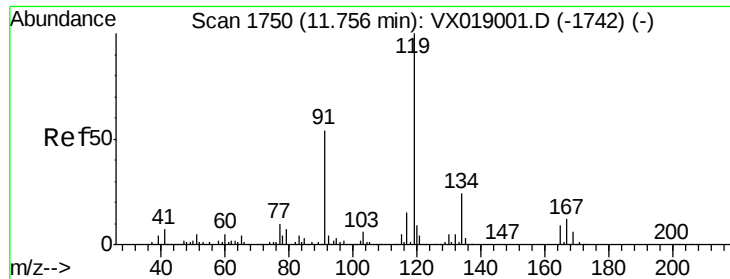
126 33.5 16.3 48.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

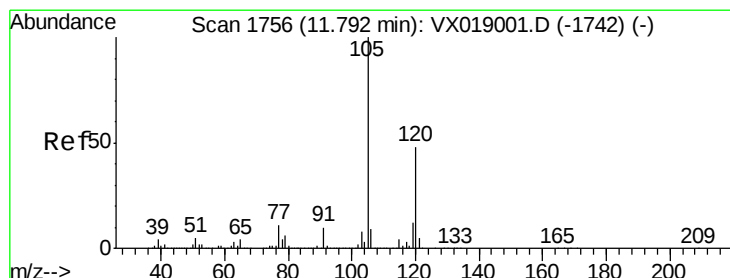
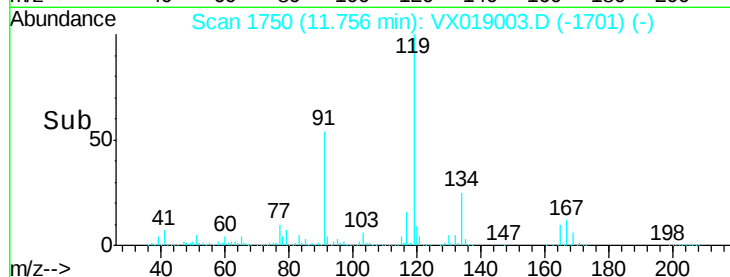
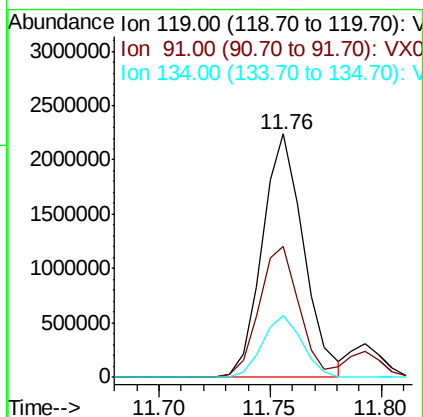
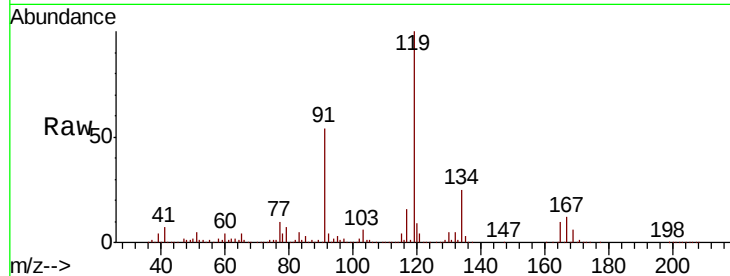




#83
tert-Butylbenzene
Concen: 148.932 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

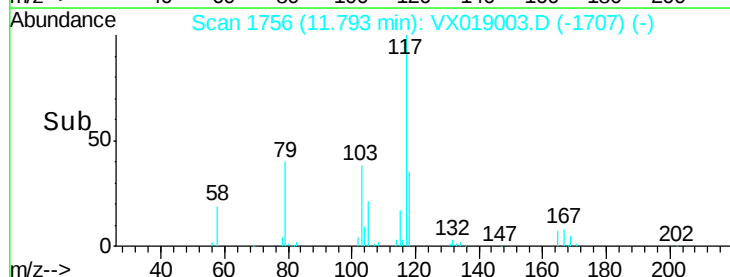
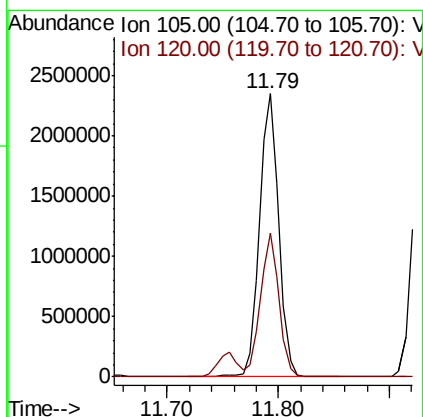
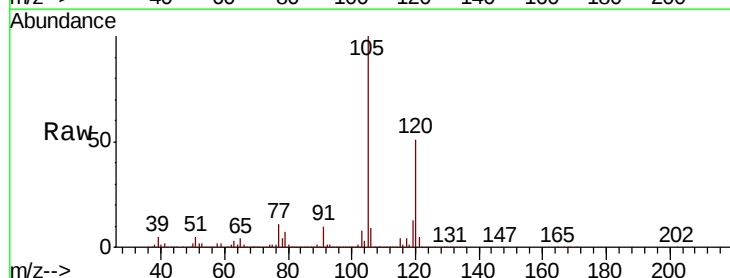
Instrument :
MSVOA_N
ClientSampled :
VSTDIC150

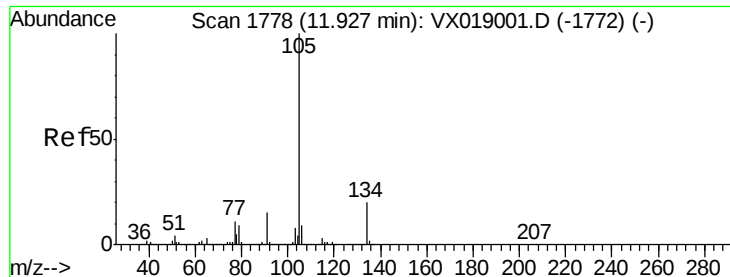
Tot Ion:119 Resp: 2894853
Ion Ratio Lower Upper
119 100
91 51.6 26.6 79.7
134 24.3 11.7 35.0



#84
1,2,4-Trimethylbenzene
Concen: 141.738 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Tgt Ion:105 Resp: 2830003
Ion Ratio Lower Upper
105 100
120 48.8 23.6 70.8





#85

sec-Butylbenzene

Concen: 143.924 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampled :

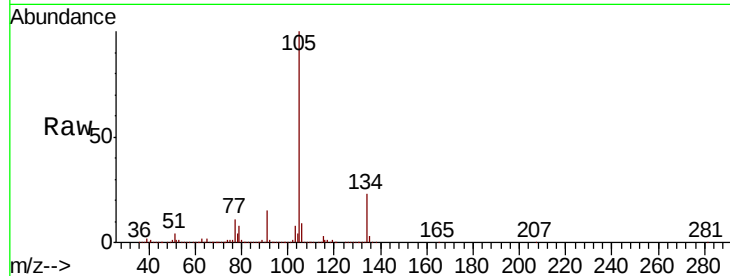
VSTDIC150

Tot Ion:105 Resp: 3287934

Ion Ratio Lower Upper

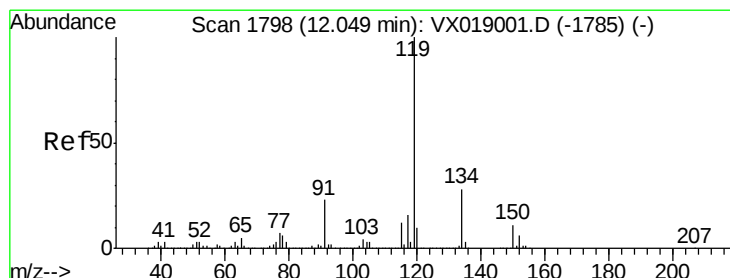
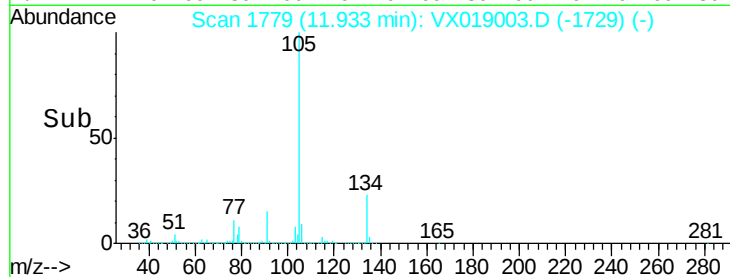
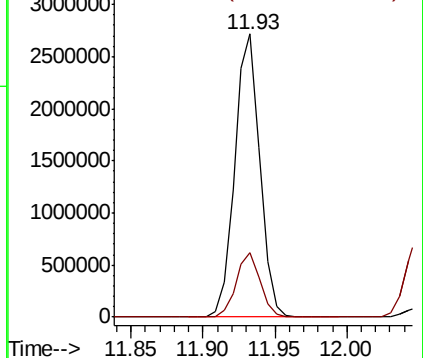
105 100

134 22.1 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 151.747 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

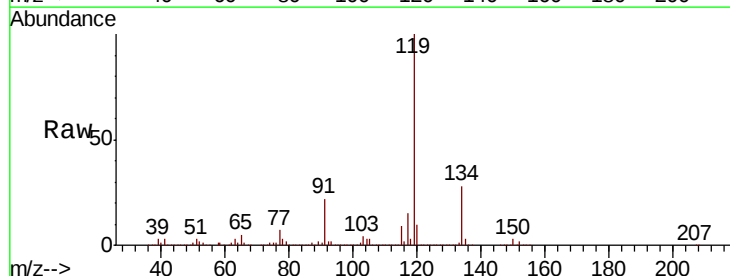
Tgt Ion:119 Resp: 3187254

Ion Ratio Lower Upper

119 100

134 27.8 13.8 41.3

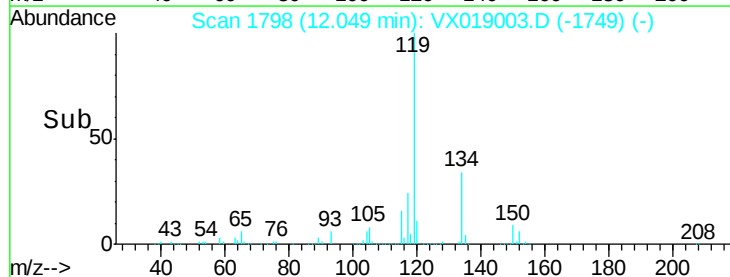
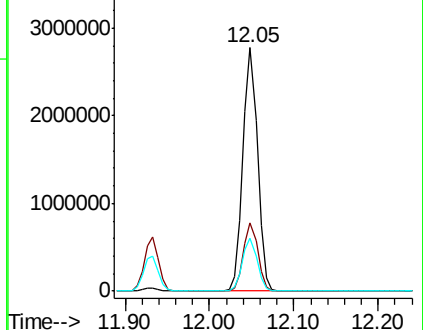
91 21.7 11.4 34.2

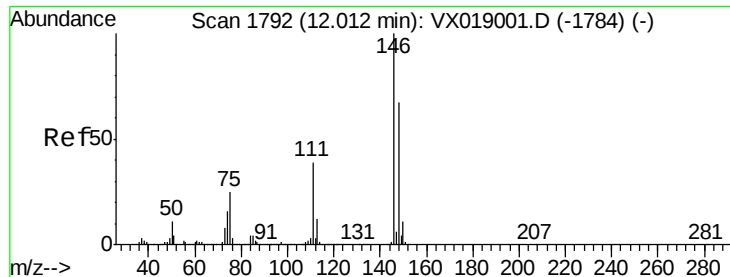


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

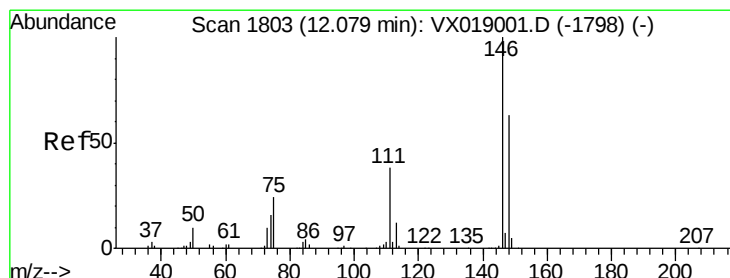
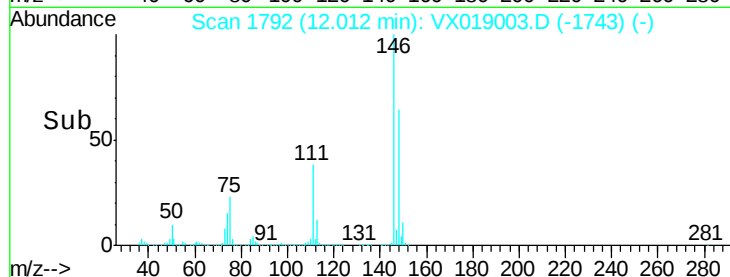
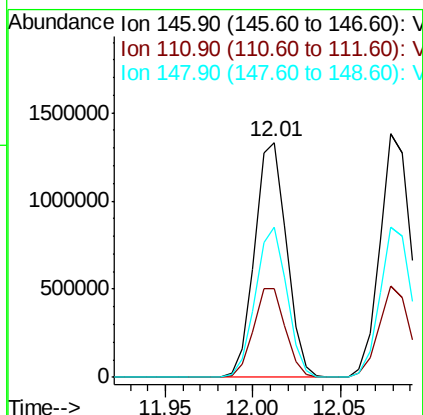
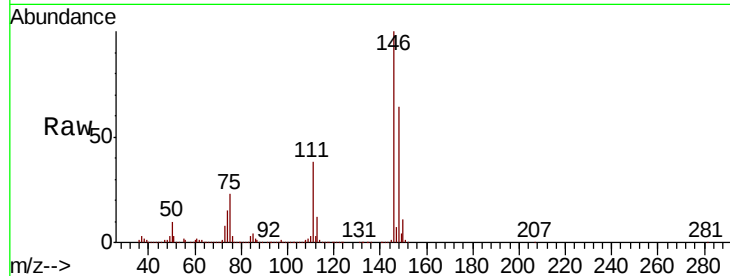




#87
 1,3-Dichlorobenzene
 Concen: 146.935 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX019003.D
 Acq: 21 Oct 2020 12:18

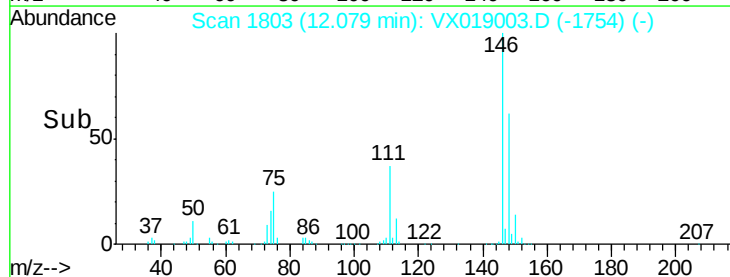
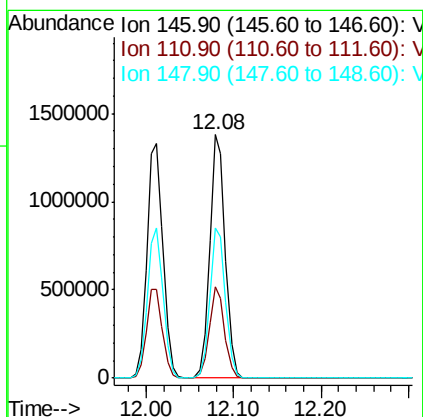
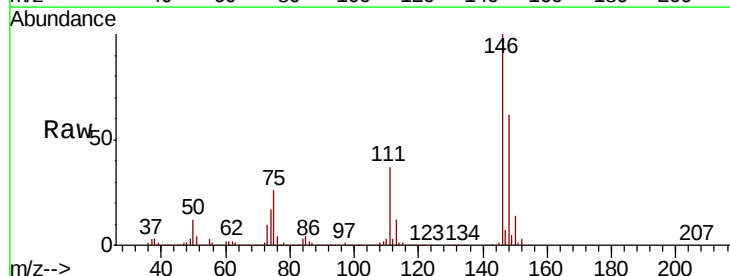
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

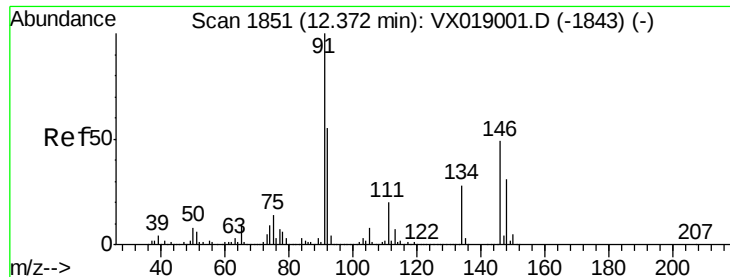
Tot Ion:146 Resp: 1688792
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.4 58.4
 148 63.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 145.208 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX019003.D
 Acq: 21 Oct 2020 12:18

Tgt Ion:146 Resp: 1696265
 Ion Ratio Lower Upper
 146 100
 111 36.5 19.2 57.6
 148 62.1 32.3 96.8

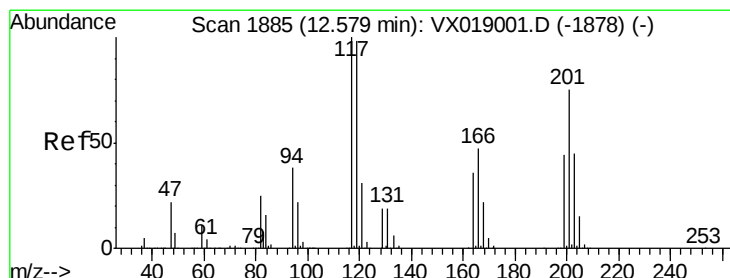
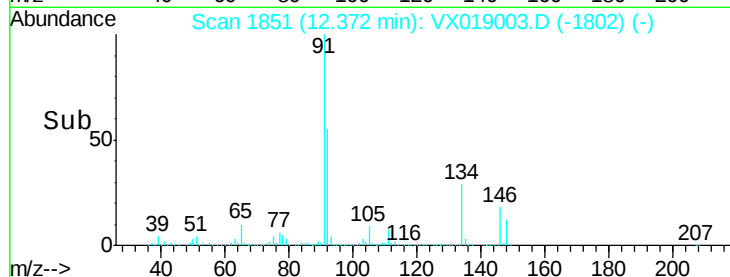
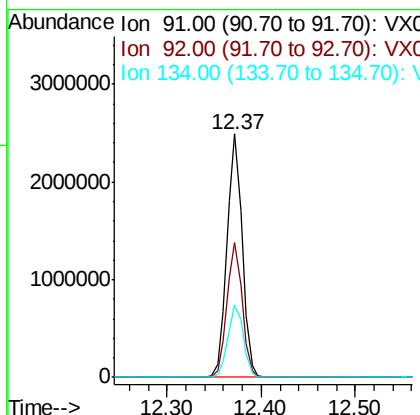
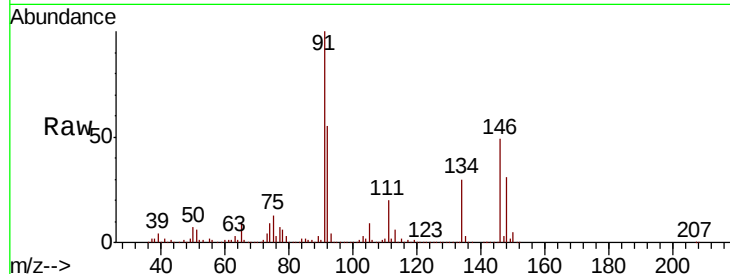




#89
n-Butylbenzene
Concen: 143.714 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

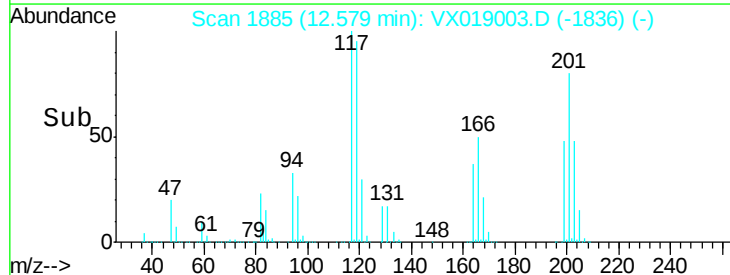
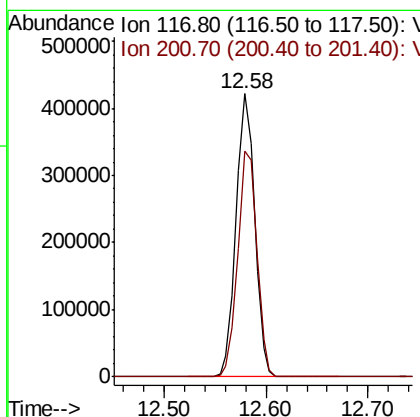
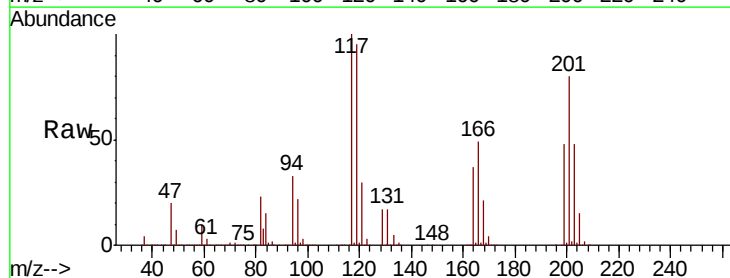
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

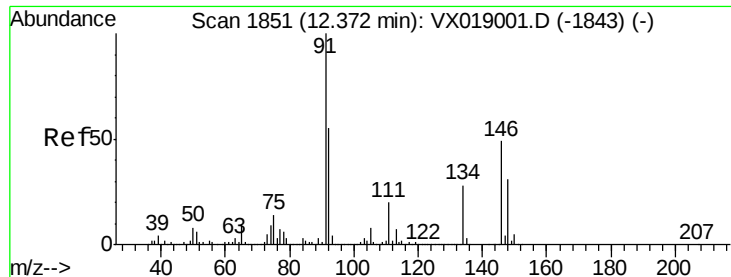
Tot Ion: 91 Resp: 2785270
Ion Ratio Lower Upper
91 100
92 55.6 27.3 81.9
134 30.3 14.1 42.3



#90
Hexachloroethane
Concen: 129.463 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Tgt Ion: 117 Resp: 528343
Ion Ratio Lower Upper
117 100
201 82.1 37.5 112.3





#91

1,2-Dichlorobenzene

Concen: 151.560 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.01 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

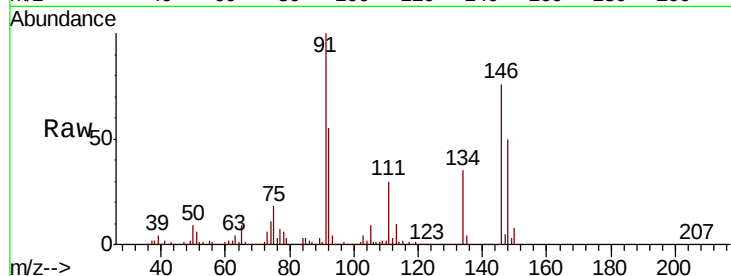
Tot Ion:146 Resp: 1640625

Ion Ratio Lower Upper

146 100

111 39.2 20.5 61.5

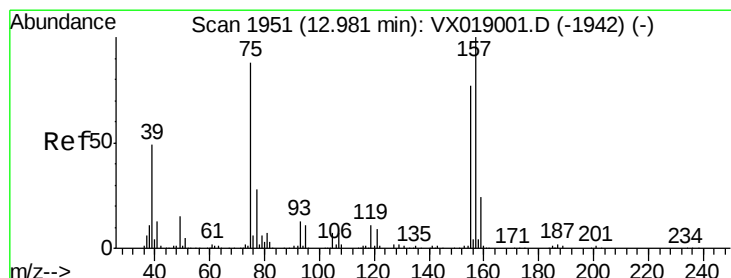
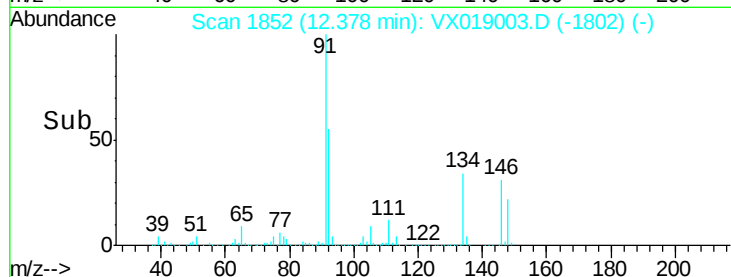
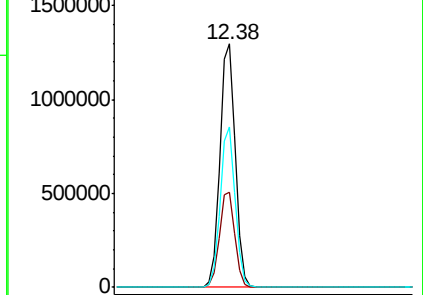
148 64.1 32.3 96.8



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 138.634 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

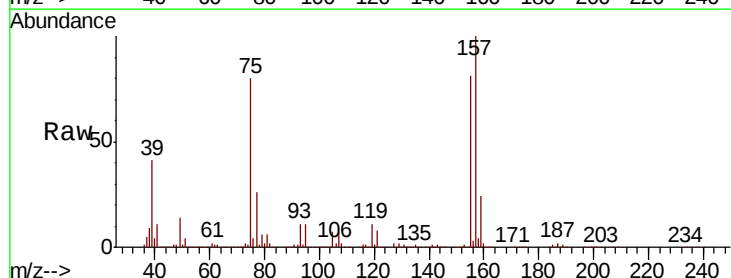
Tgt Ion: 75 Resp: 254712

Ion Ratio Lower Upper

75 100

155 102.7 47.3 141.8

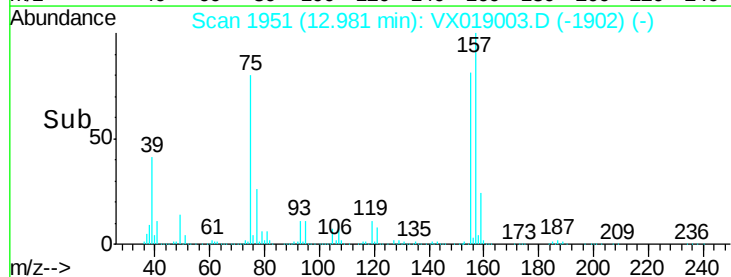
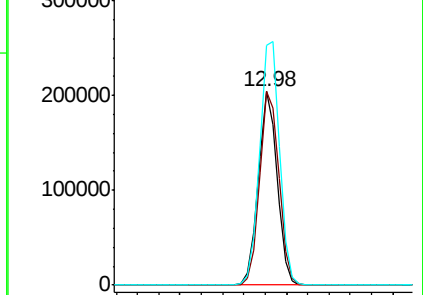
157 132.7 61.6 184.8

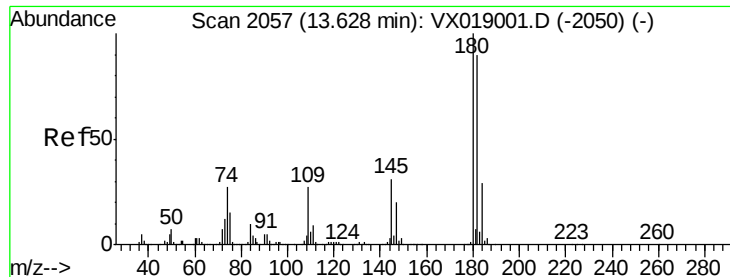


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 158.971 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

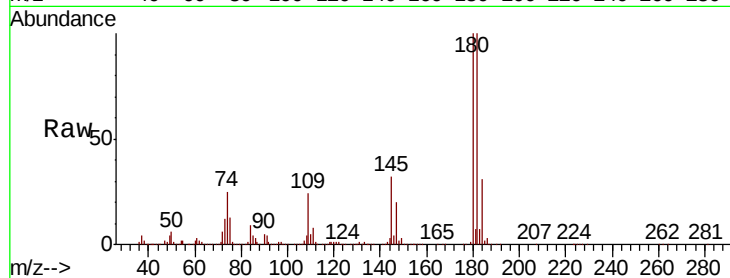
Tot Ion:180 Resp: 1188721

Ion Ratio Lower Upper

180 100

182 94.6 46.4 139.2

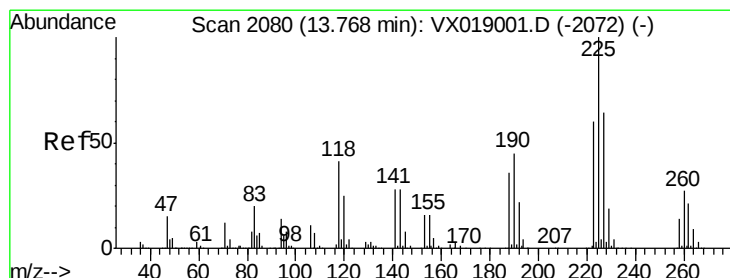
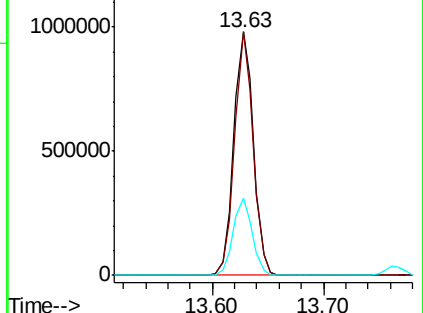
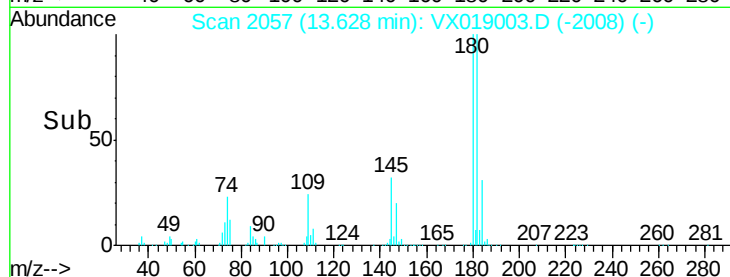
145 30.7 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 161.930 ug/l

RT: 13.77 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX019003.D

Acq: 21 Oct 2020 12:18

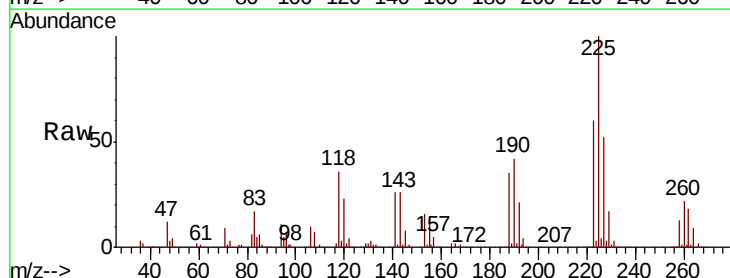
Tgt Ion:225 Resp: 503740

Ion Ratio Lower Upper

225 100

223 59.7 32.4 97.2

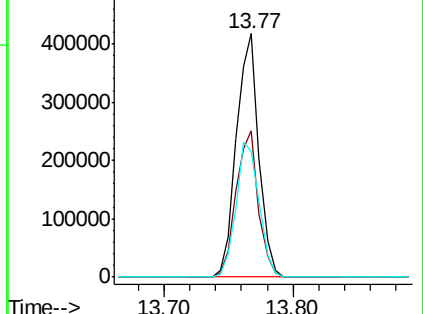
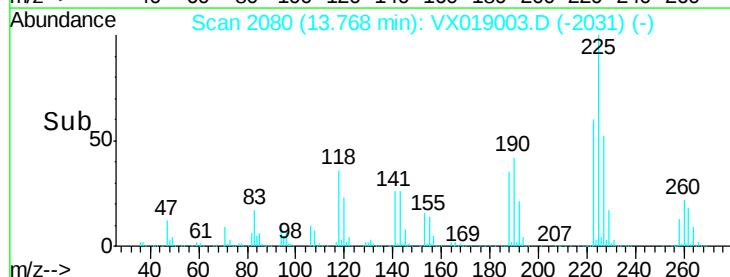
227 57.2 31.2 93.6

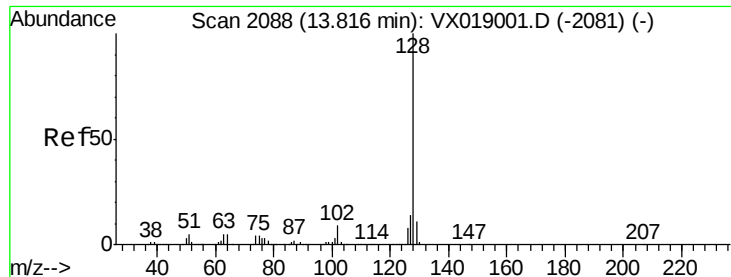


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

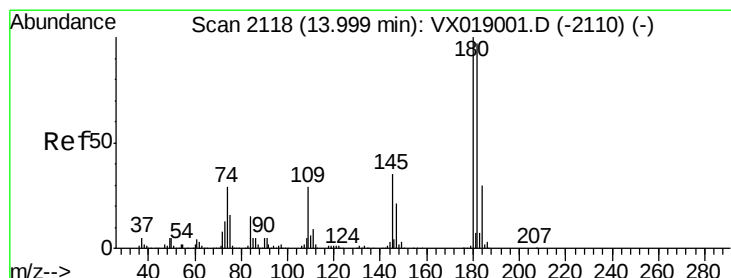
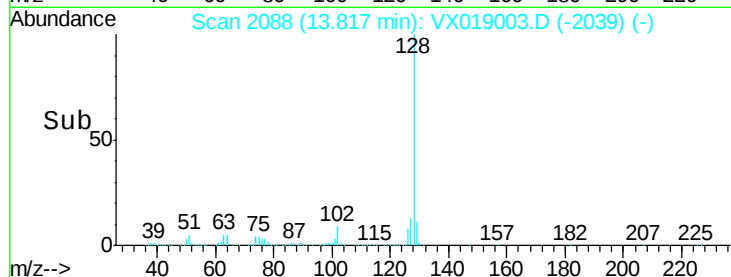
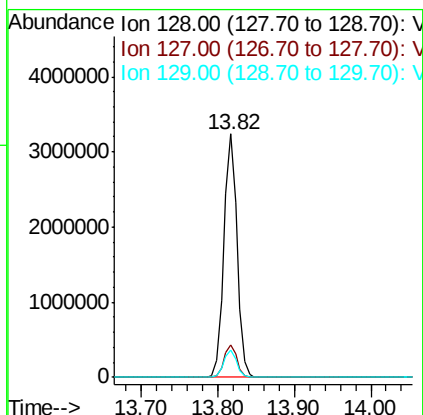
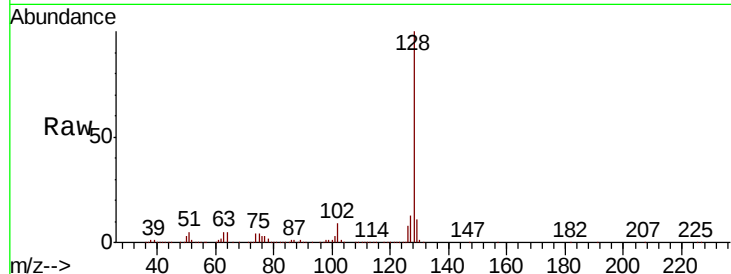




#95
Naphthalene
Concen: 168.351 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:128 Resp: 3834554
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.2 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 162.952 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX019003.D
Acq: 21 Oct 2020 12:18

Tgt Ion:180 Resp: 1158326
Ion Ratio Lower Upper
180 100
182 96.5 46.9 140.7
145 32.9 16.7 50.0

