

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102020\
 Data File : VX018983.D
 Acq On : 20 Oct 2020 18:28
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Quant Time: Oct 20 18:51:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102020W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 20 18:15:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	206188	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	343593	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	339732	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	203462	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	363406	132.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	265.40%	
35) Dibromofluoromethane	5.46	113	348870	157.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	315.10%	
50) Toluene-d8	8.70	98	1326552	152.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	305.54%	
62) 4-Bromofluorobenzene	11.12	95	533503	164.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	328.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	250435	140.714	ug/l	99
3) Chloromethane	1.31	50	256755	130.321	ug/l	98
4) Vinyl Chloride	1.39	62	333657	122.940	ug/l	100
5) Bromomethane	1.62	94	181447	81.074	ug/l	98
6) Chloroethane	1.69	64	235592	115.048	ug/l	98
7) Trichlorofluoromethane	1.90	101	609413	131.758	ug/l	99
8) Diethyl Ether	2.17	74	238369	130.608	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	255002	103.084	ug/l	98
10) Methyl Iodide	2.48	142	353819	152.449	ug/l	100
11) Tert butyl alcohol	3.04	59	431327	724.603	ug/l	99
12) 1,1-Dichloroethene	2.34	96	276664	104.153	ug/l	99
13) Acrolein	2.27	56	231986	647.246	ug/l	99
14) Allyl chloride	2.70	41	362463	128.711	ug/l	96
15) Acrylonitrile	3.12	53	739526	695.545	ug/l	99
16) Acetone	2.42	43	601042	537.709	ug/l	99
17) Carbon Disulfide	2.54	76	768258	133.202	ug/l	98
18) Methyl Acetate	2.75	43	308032	136.474	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	932348	137.232	ug/l	99
20) Methylene Chloride	2.83	84	326708	136.595	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	351247	144.599	ug/l	94
22) Diisopropyl ether	3.82	45	724785	128.274	ug/l	96
23) Vinyl Acetate	3.79	43	3513337	650.092	ug/l	95
24) 1,1-Dichloroethane	3.67	63	537677	133.573	ug/l	99
25) 2-Butanone	4.64	43	1013468	662.858	ug/l	97
26) 2,2-Dichloropropane	4.54	77	505241	130.003	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	403026	142.412	ug/l	93
28) Bromochloromethane	4.98	49	220741	129.593	ug/l	# 78
29) Tetrahydrofuran	5.09	42	579633	647.540	ug/l	96
30) Chloroform	5.18	83	611217	136.436	ug/l	96
31) Cyclohexane	5.54	56	401805	125.609	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	554404	137.769	ug/l	97
36) 1,1-Dichloropropene	5.76	75	451676	139.494	ug/l	98
37) Ethyl Acetate	4.79	43	394943	142.310	ug/l	99
38) Carbon Tetrachloride	5.75	117	498046	149.265	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	510039	144.153	ug/l	97
40) Benzene	6.11	78	1357031	144.121	ug/l	98
41) Methacrylonitrile	5.01	41	203287	133.053	ug/l	96
42) 1,2-Dichloroethane	6.16	62	442580	136.080	ug/l	97
43) Isopropyl Acetate	6.42	43	655891	135.175	ug/l	97
44) Trichloroethene	7.18	130	399504	151.024	ug/l	94
45) 1,2-Dichloropropane	7.49	63	318696	140.718	ug/l	99
46) Dibromomethane	7.63	93	251174	148.991	ug/l	92
47) Bromodichloromethane	7.87	83	507251	149.962	ug/l	97
48) Methyl methacrylate	7.75	41	314292	140.750	ug/l	96
49) 1,4-Dioxane	7.71	88	189313	3377.058	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	2106226	741.881	ug/l	98
52) Toluene	8.76	92	932091	151.495	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	576828	150.734	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	597854	148.120	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	389151	157.864	ug/l	99
56) Ethyl methacrylate	9.16	69	579090	156.576	ug/l	97
57) 1,3-Dichloropropane	9.35	76	602009	148.089	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1426715	761.556	ug/l	94
59) 2-Hexanone	9.48	43	1667594	758.796	ug/l	97
60) Dibromochloromethane	9.57	129	470824	170.212	ug/l	99
61) 1,2-Dibromoethane	9.65	107	430011	162.792	ug/l	99
64) Tetrachloroethene	9.32	164	353940	128.500	ug/l	96
65) Chlorobenzene	10.12	112	1086944	151.015	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	414834	159.082	ug/l	97
67) Ethyl Benzene	10.24	91	1796067	142.454	ug/l	97
68) m/p-Xylenes	10.34	106	1469168	298.453	ug/l	94
69) o-Xylene	10.68	106	711448	152.748	ug/l	95
70) Styrene	10.70	104	1250206	157.219	ug/l	99
71) Bromoform	10.84	173	401640	190.105	ug/l #	99
73) Isopropylbenzene	11.00	105	1879775	131.804	ug/l	97
74) N-amyl acetate	10.88	43	626899	127.533	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	638760	139.868	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	736259	178.166	ug/l	86
77) Bromobenzene	11.24	156	540964	152.585	ug/l	87
78) n-propylbenzene	11.35	91	2086732	127.126	ug/l	97
79) 2-Chlorotoluene	11.40	91	1248820	130.063	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	1687825	139.431	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	228321	137.374	ug/l	95
82) 4-Chlorotoluene	11.49	91	1530549	133.060	ug/l	97
83) tert-Butylbenzene	11.76	119	1679136	141.734	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1662046	136.650	ug/l	97
85) sec-Butylbenzene	11.93	105	1912515	134.597	ug/l	98
86) p-Isopropyltoluene	12.05	119	1847836	140.925	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	998500	151.533	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	1002392	147.541	ug/l	98
89) n-Butylbenzene	12.37	91	1636071	136.704	ug/l	98
90) Hexachloroethane	12.58	117	310372	148.013	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	987667	155.044	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	152561	145.331	ug/l	93

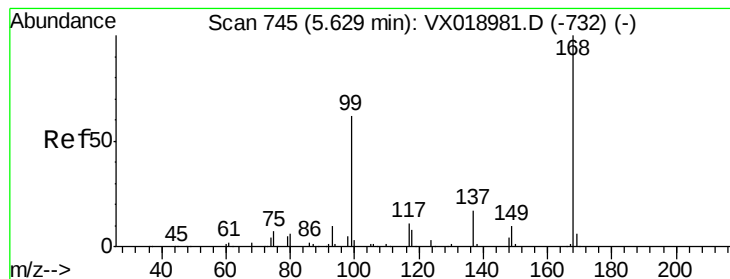
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102020\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	689271	157.848	ug/l	99
94) Hexachlorobutadiene	13.77	225	281269	151.219	ug/l	96
95) Naphthalene	13.82	128	2246756	154.563	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	676745	162.131	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. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

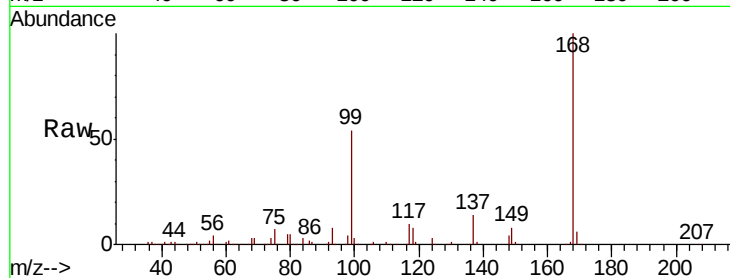
VSTDIC150

Tot Ion:168 Resp: 206188

Ion Ratio Lower Upper

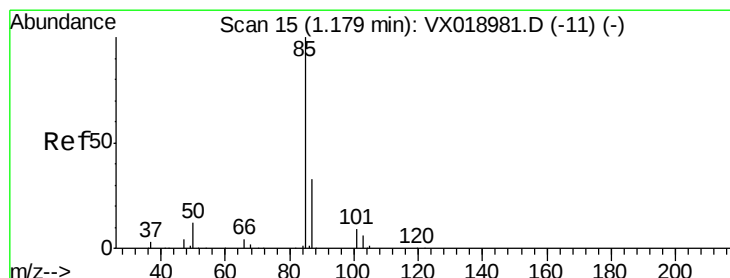
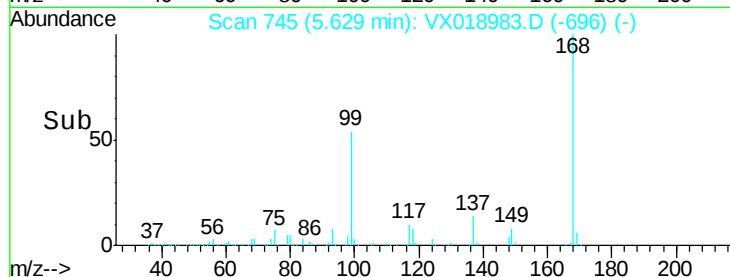
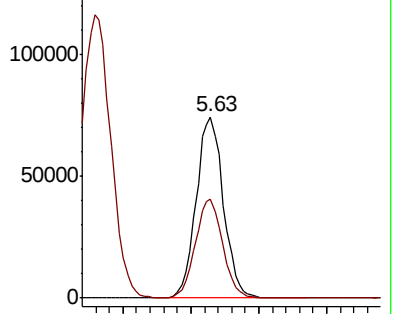
168 100

99 54.0 49.7 74.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 140.714 ug/l

RT: 1.18 min Scan# 15

Delta R.T. -0.00 min

Lab File: VX018983.D

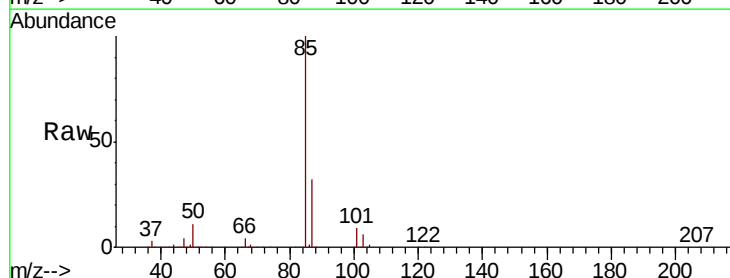
Acq: 20 Oct 2020 18:28

Tgt Ion: 85 Resp: 250435

Ion Ratio Lower Upper

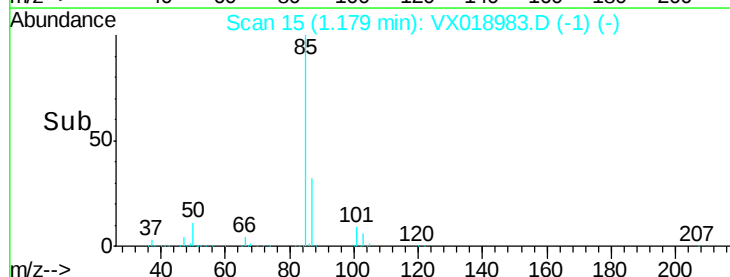
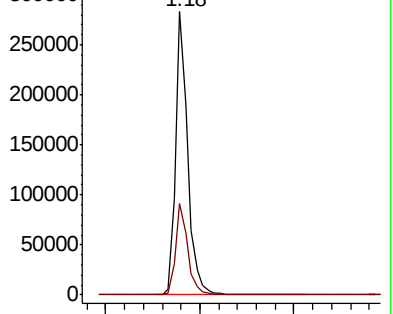
85 100

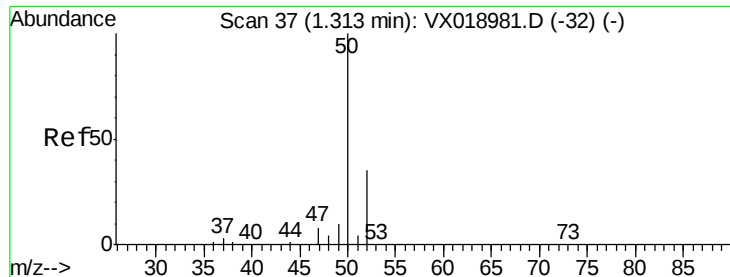
87 32.2 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 130.321 ug/l

RT: 1.31 min Scan# 36

Delta R.T. -0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

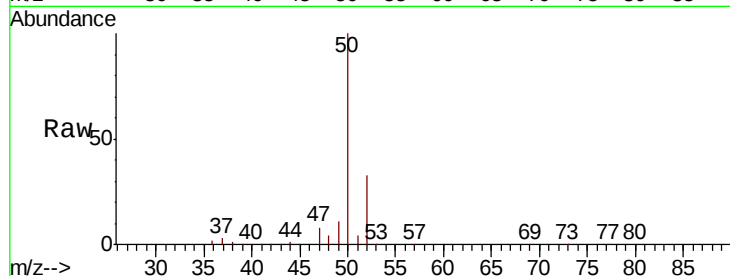
VSTDIC150

Tot Ion: 50 Resp: 256755

Ion Ratio Lower Upper

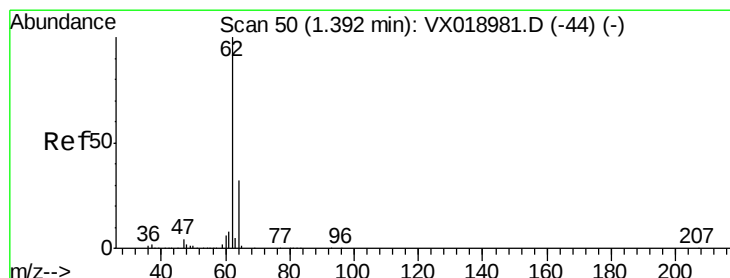
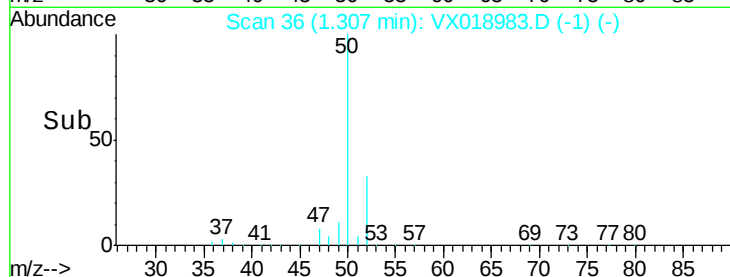
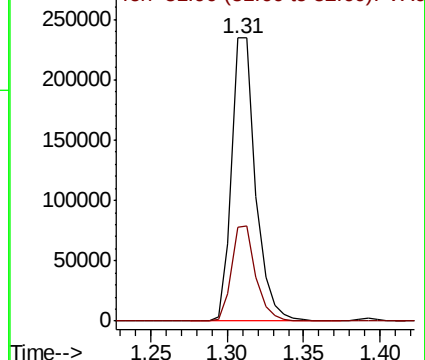
50 100

52 33.3 27.7 41.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 122.940 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018983.D

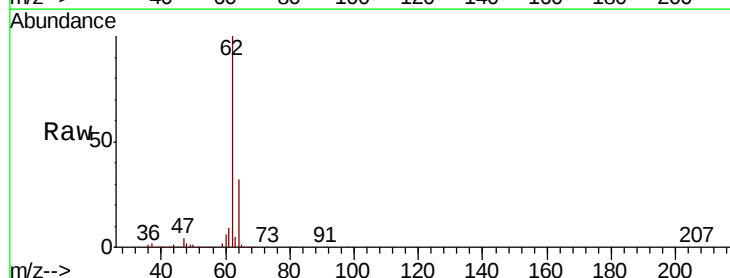
Acq: 20 Oct 2020 18:28

Tgt Ion: 62 Resp: 333657

Ion Ratio Lower Upper

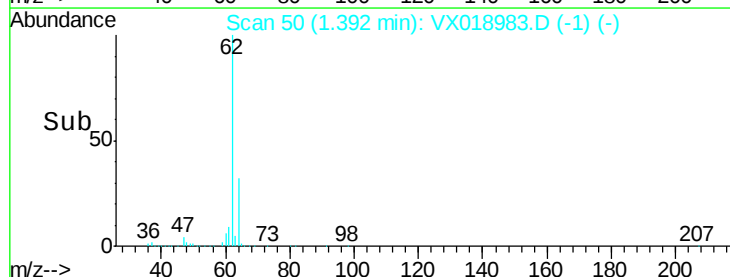
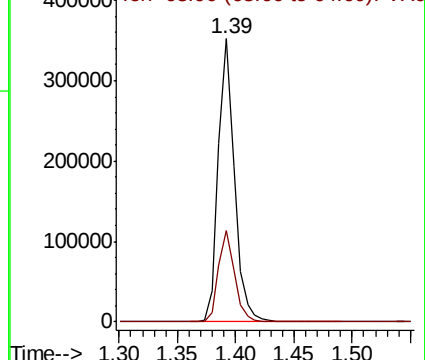
62 100

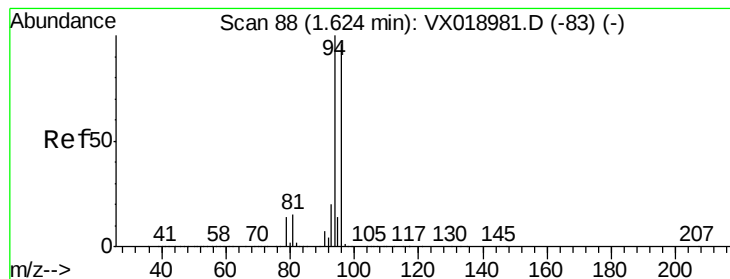
64 32.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 81.074 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

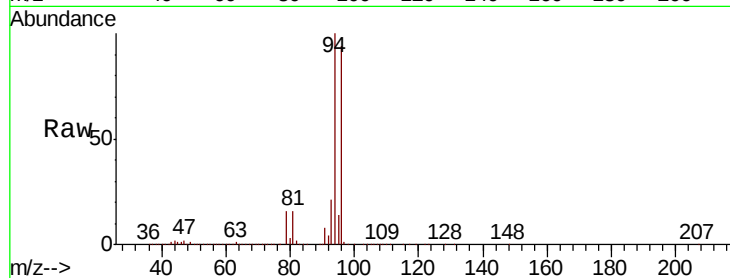
VSTDIC150

Tot Ion: 94 Resp: 181447

Ion Ratio Lower Upper

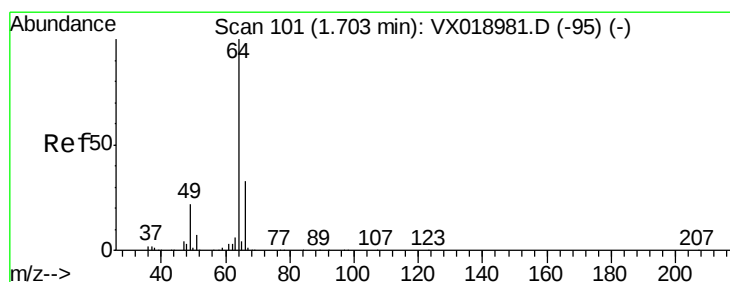
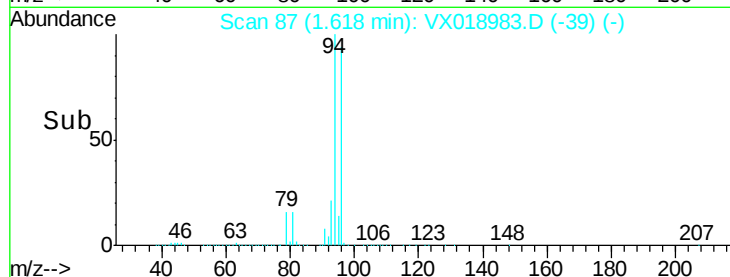
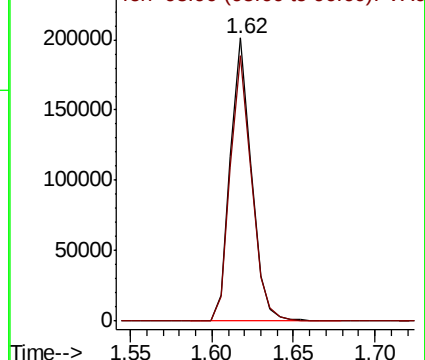
94 100

96 93.7 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 115.048 ug/l

RT: 1.69 min Scan# 99

Delta R.T. -0.01 min

Lab File: VX018983.D

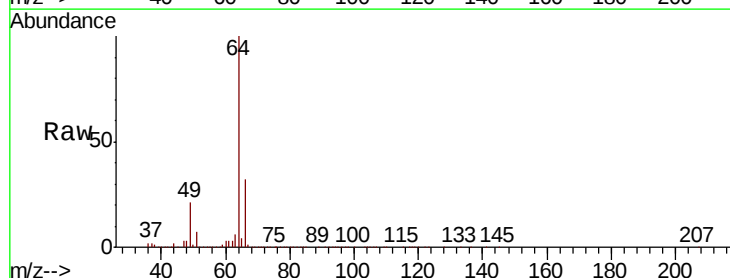
Acq: 20 Oct 2020 18:28

Tgt Ion: 64 Resp: 235592

Ion Ratio Lower Upper

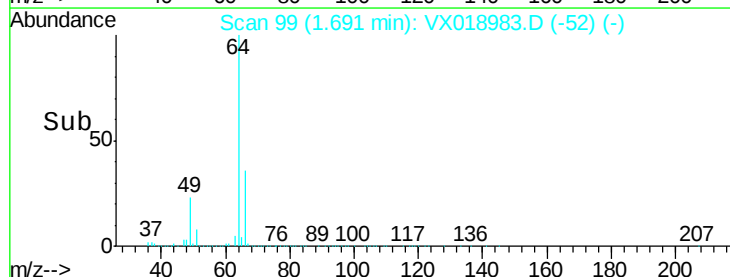
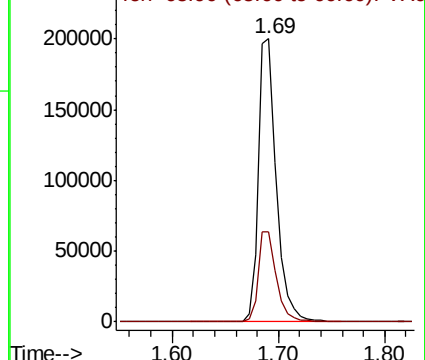
64 100

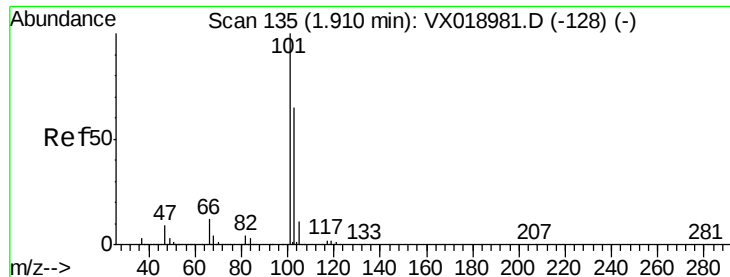
66 32.0 26.3 39.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



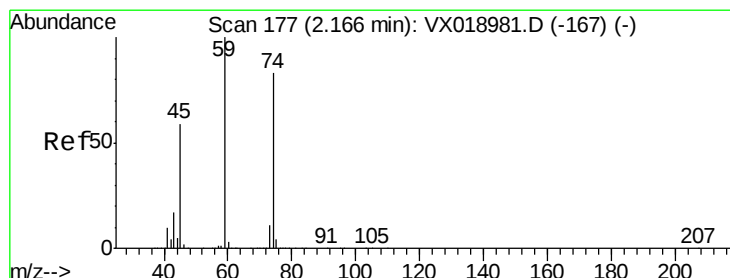
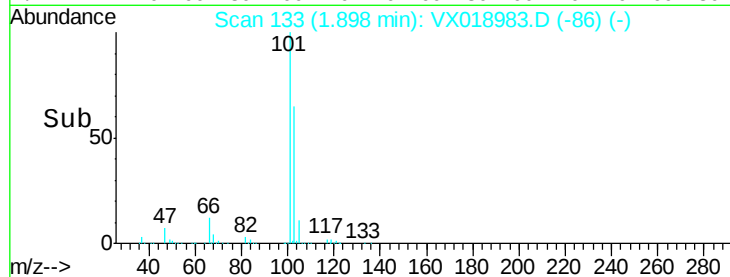
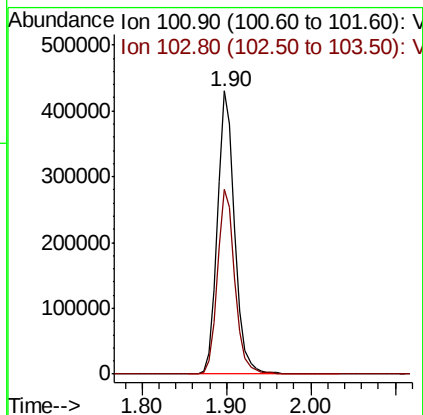
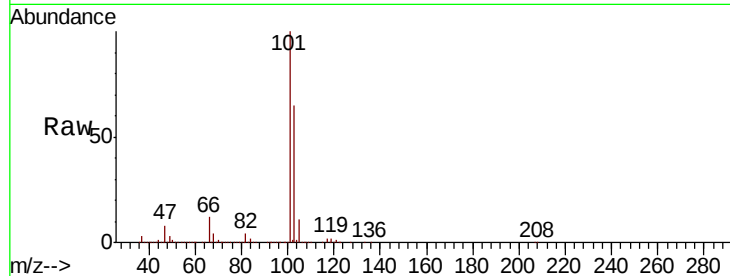


#7

Trichlorofluoromethane
Concen: 131.758 ug/l
RT: 1.90 min Scan# 133
Delta R.T. -0.01 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

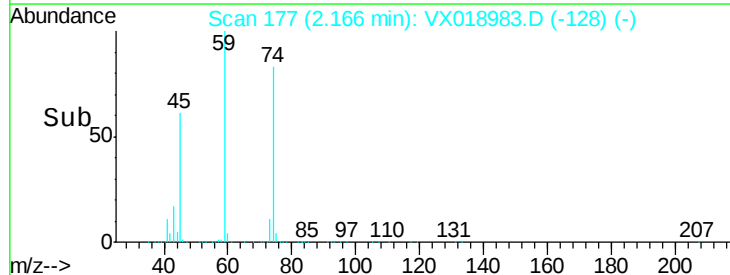
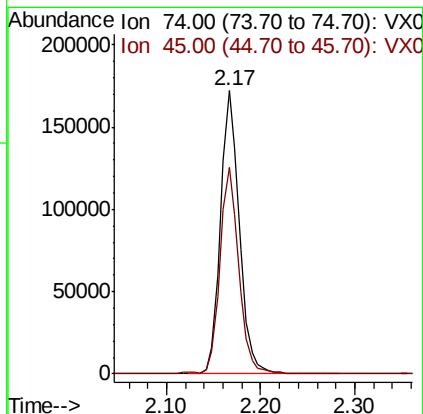
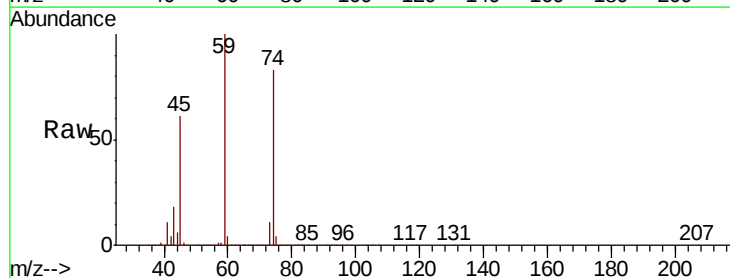
Tot Ion:101 Resp: 609413
Ion Ratio Lower Upper
101 100
103 65.2 51.6 77.4

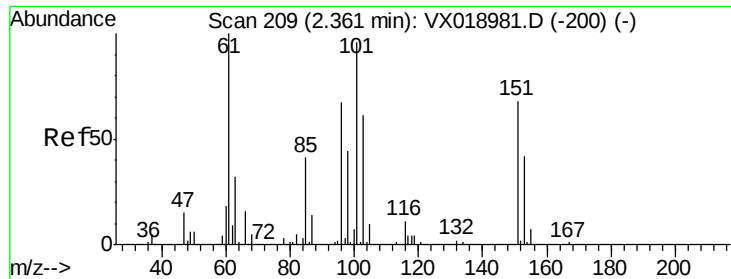


#8

Diethyl Ether
Concen: 130.608 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion: 74 Resp: 238369
Ion Ratio Lower Upper
74 100
45 72.8 36.0 108.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 103.084 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

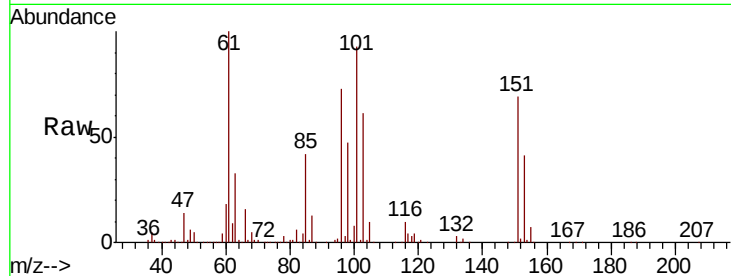
Tot Ion:101 Resp: 255002

Ion Ratio Lower Upper

101 100

85 43.5 34.9 52.3

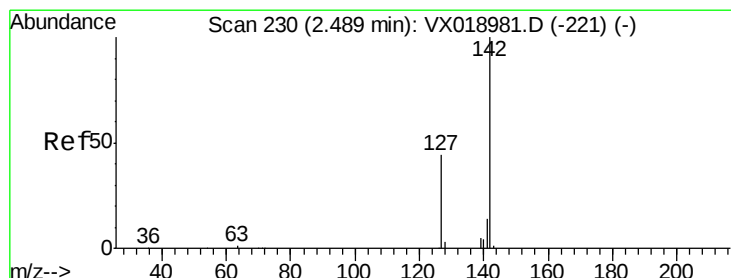
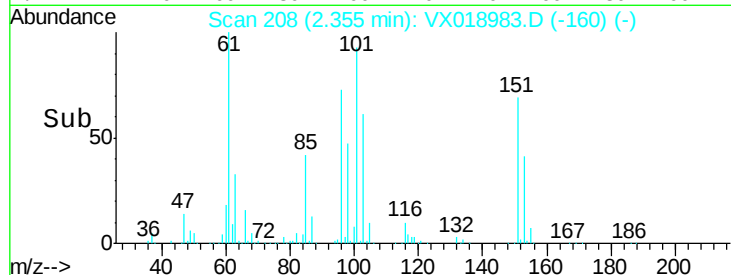
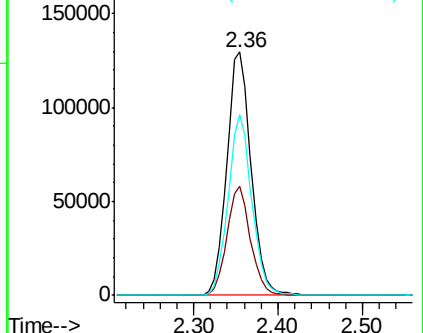
151 72.7 56.1 84.1



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: 152.449 ug/l

RT: 2.48 min Scan# 229

Delta R.T. -0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

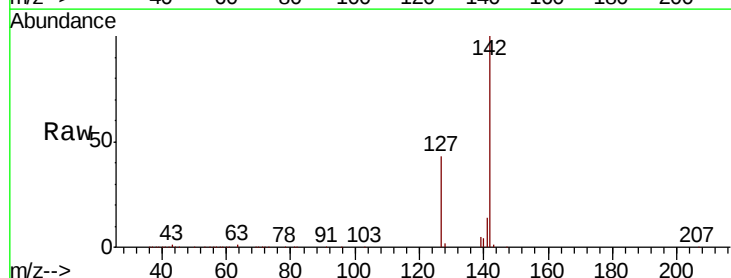
Tgt Ion:142 Resp: 353819

Ion Ratio Lower Upper

142 100

127 42.9 34.2 51.2

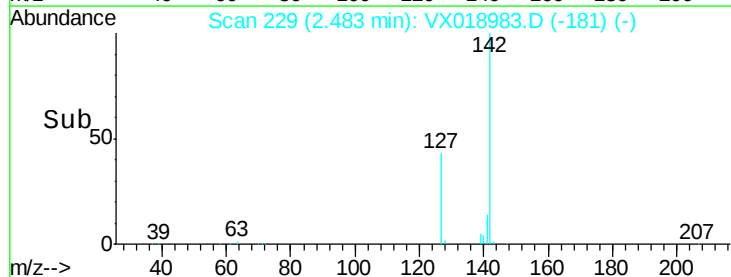
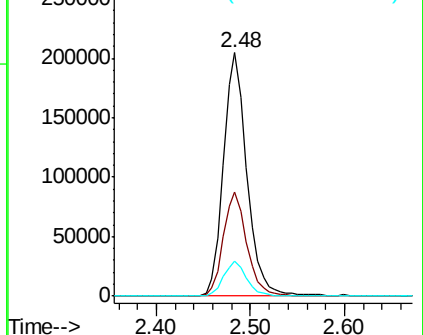
141 14.3 11.3 16.9

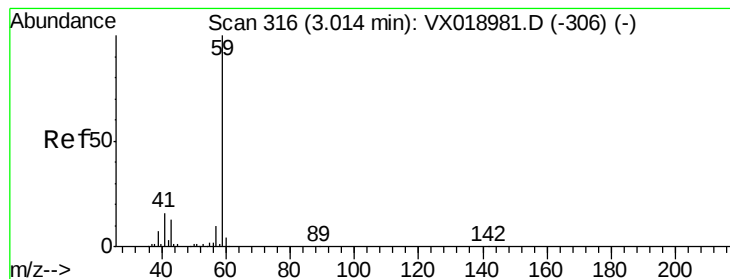


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



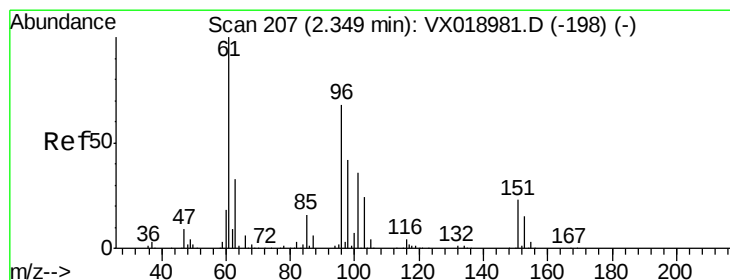
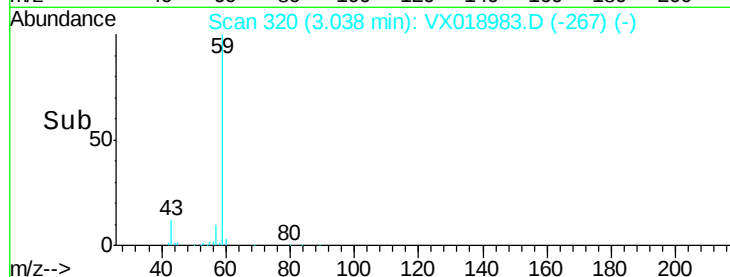
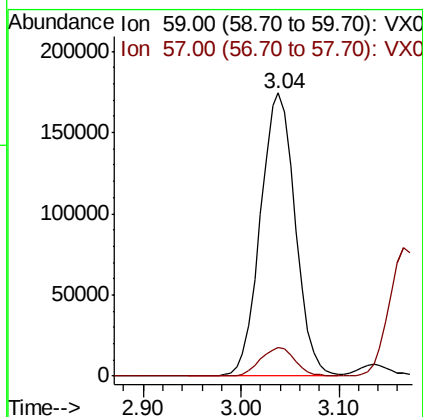
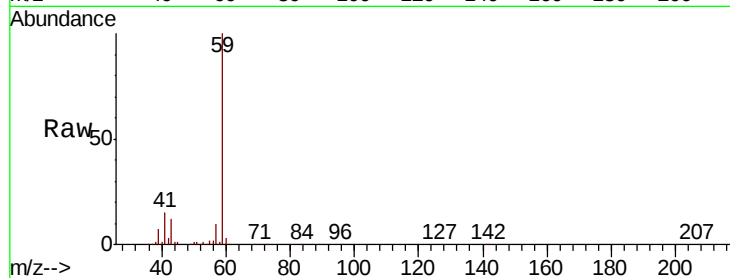


#11

Tert butyl alcohol
Concen: 724.603 ug/l
RT: 3.04 min Scan# 320
Delta R.T. 0.02 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

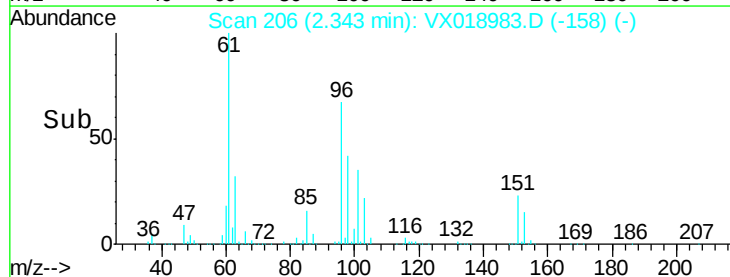
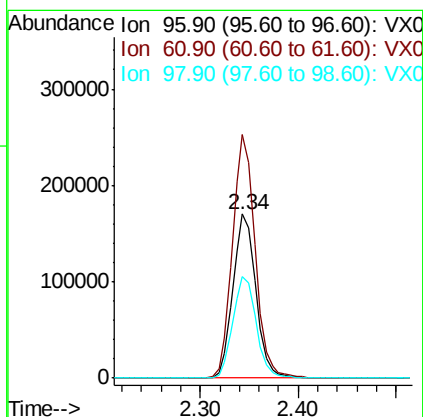
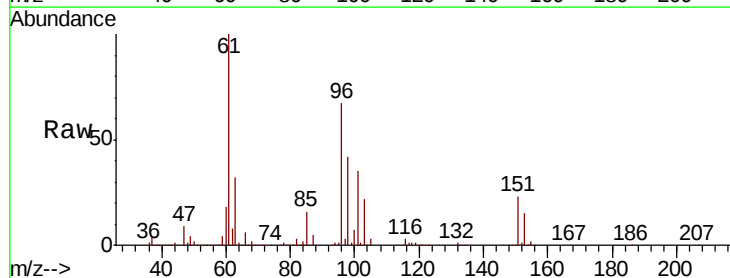
Tot Ion: 59 Resp: 431327
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

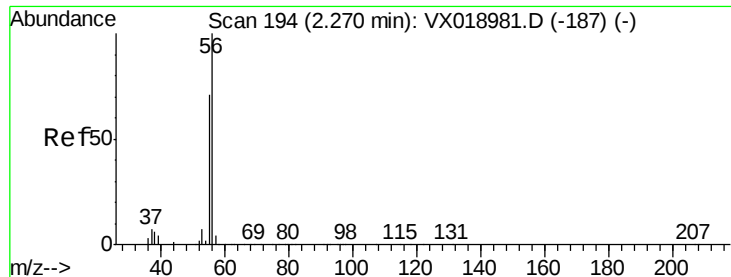


#12

1,1-Dichloroethene
Concen: 104.153 ug/l
RT: 2.34 min Scan# 206
Delta R.T. -0.01 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion: 96 Resp: 276664
Ion Ratio Lower Upper
96 100
61 148.4 117.4 176.0
98 62.2 48.9 73.3





#13

Acrolein

Concen: 647.246 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

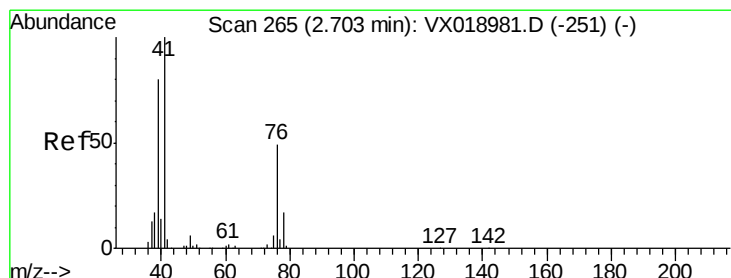
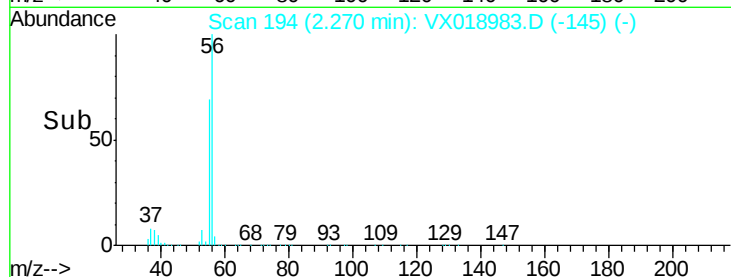
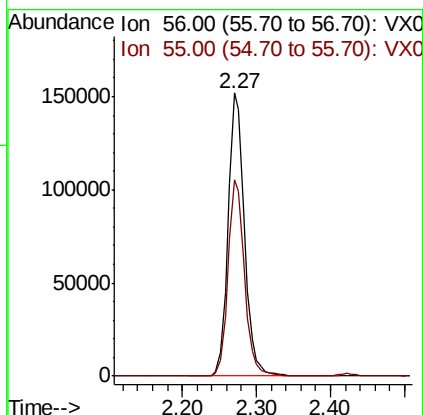
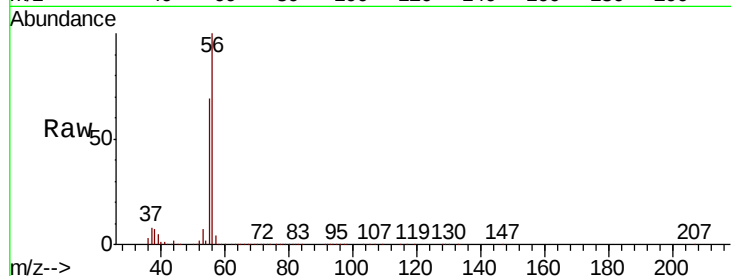
VSTDIC150

Tot Ion: 56 Resp: 231986

Ion Ratio Lower Upper

56 100

55 70.0 55.4 83.2



#14

Allyl chloride

Concen: 128.711 ug/l

RT: 2.70 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

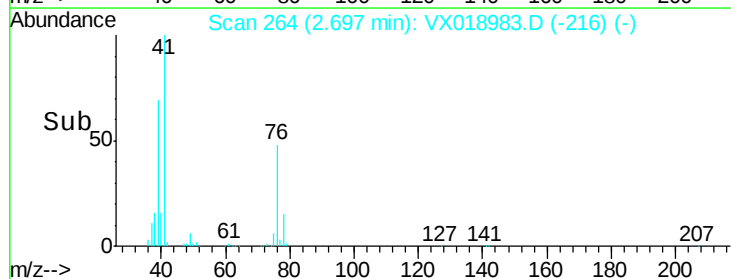
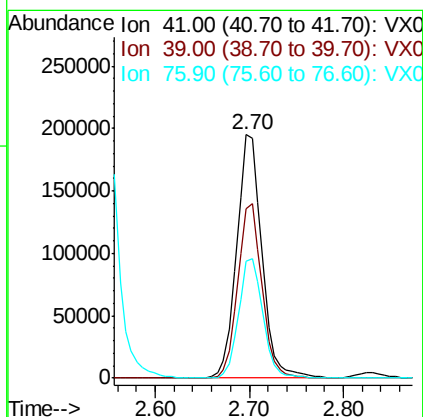
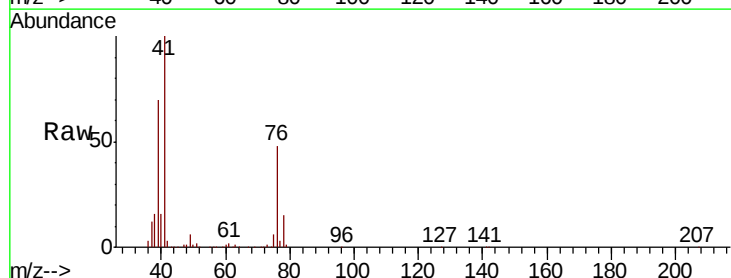
Tgt Ion: 41 Resp: 362463

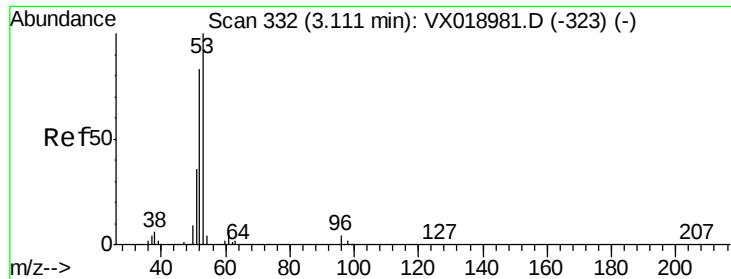
Ion Ratio Lower Upper

41 100

39 68.9 57.8 86.8

76 47.2 36.2 54.4





#15

Acrylonitrile

Concen: 695.545 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

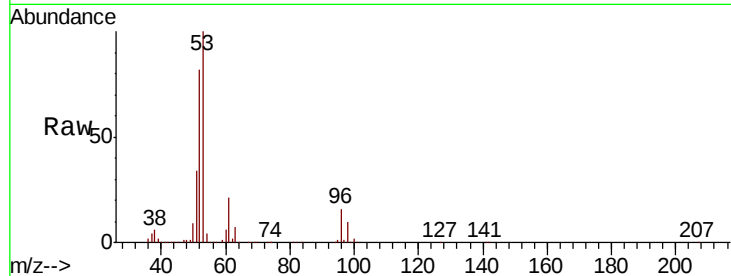
MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 739526

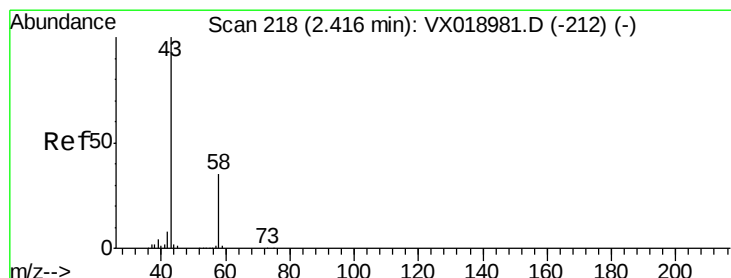
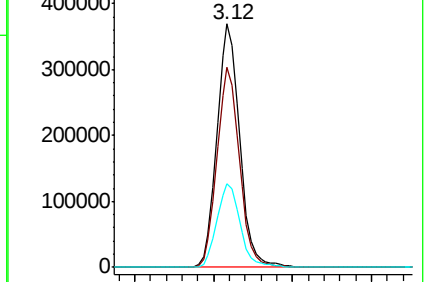
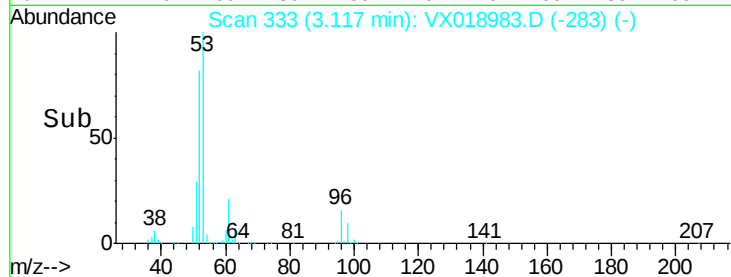
Ion	Ratio	Lower	Upper
53	100		
52	81.6	65.5	98.3
51	35.2	28.8	43.2



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: 537.709 ug/l

RT: 2.42 min Scan# 219

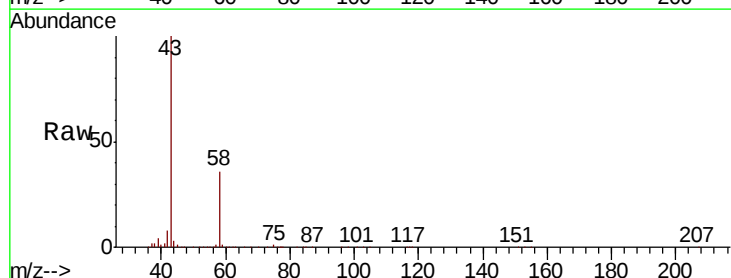
Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

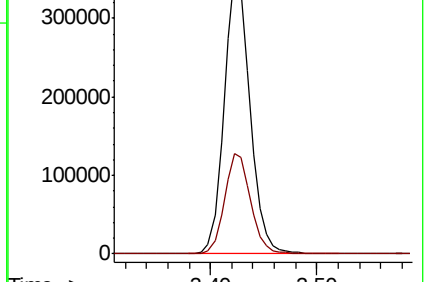
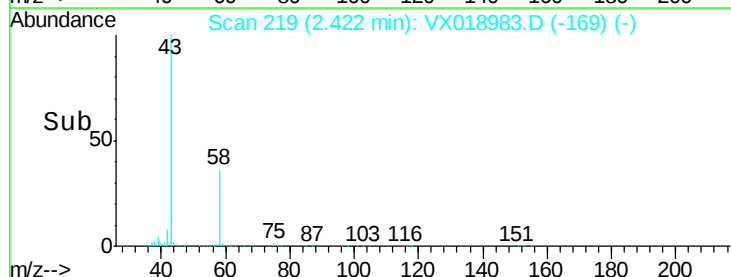
Tgt Ion: 43 Resp: 601042

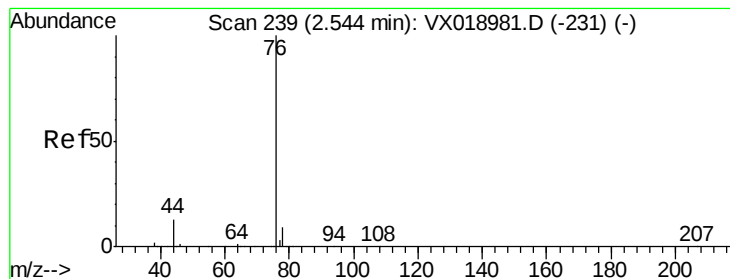
Ion	Ratio	Lower	Upper
43	100		
58	35.6	27.9	41.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 133.202 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

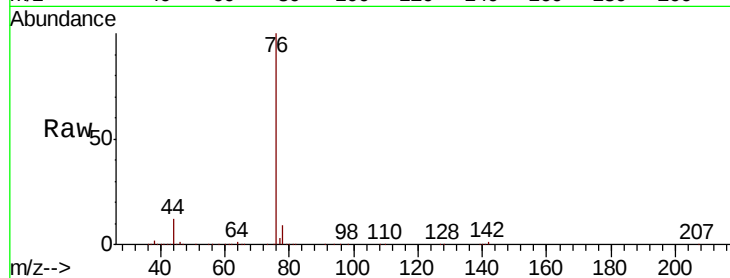
VSTDIC150

Tot Ion: 76 Resp: 768258

Ion Ratio Lower Upper

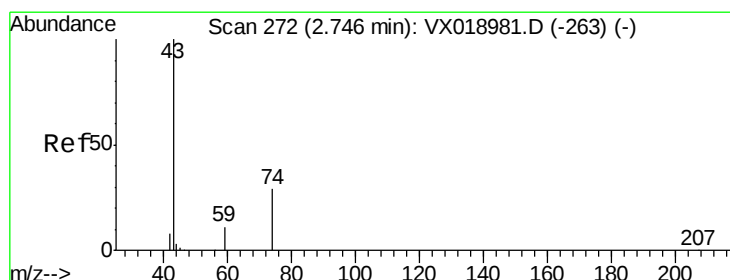
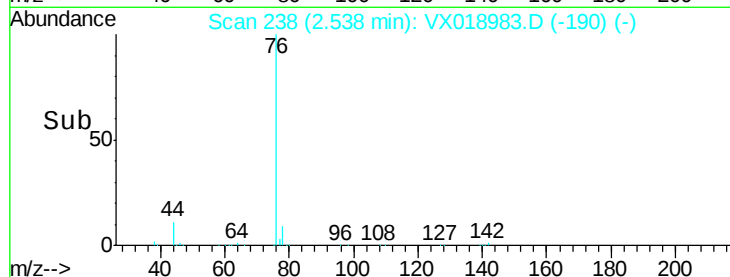
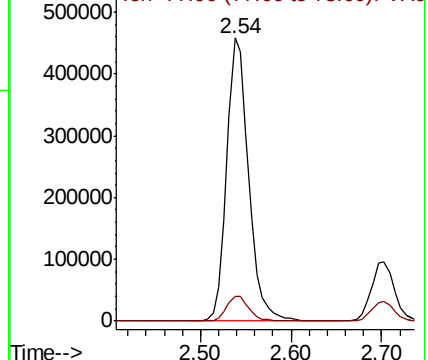
76 100

78 8.7 7.6 11.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 136.474 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX018983.D

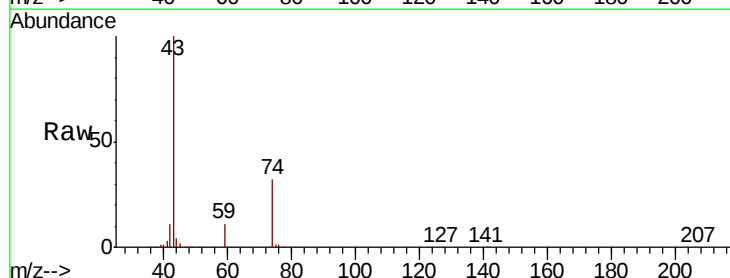
Acq: 20 Oct 2020 18:28

Tgt Ion: 43 Resp: 308032

Ion Ratio Lower Upper

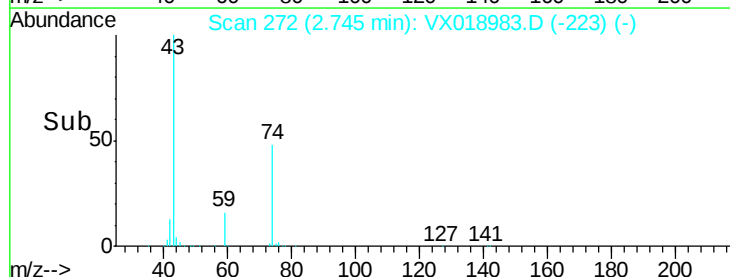
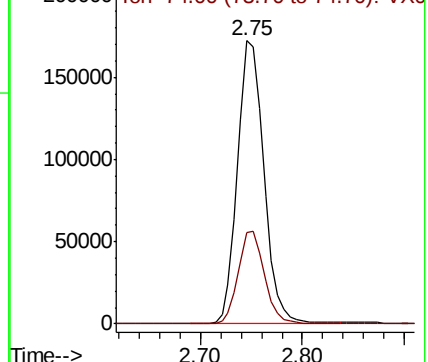
43 100

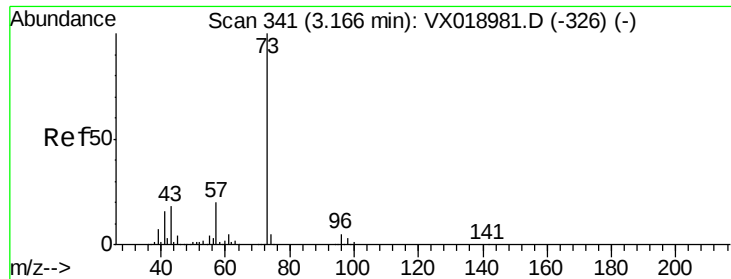
74 32.9 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

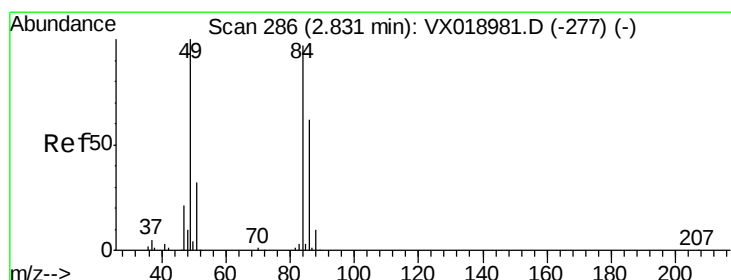
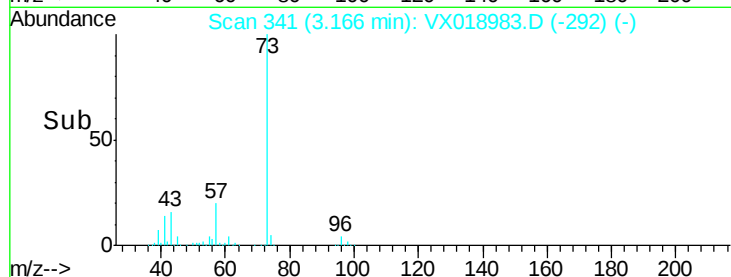
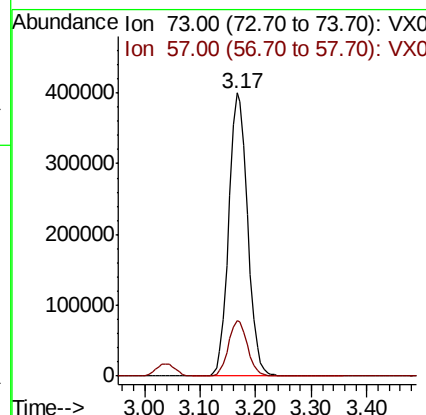
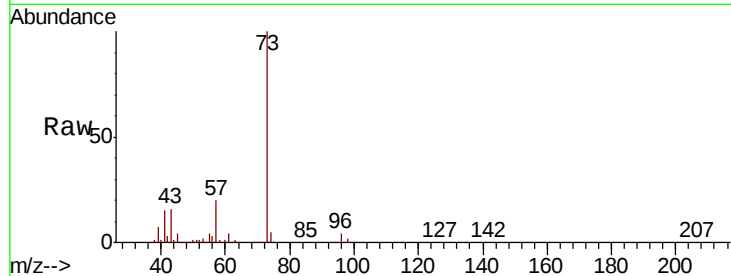




#19
Methyl tert-butyl Ether
Concen: 137.232 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

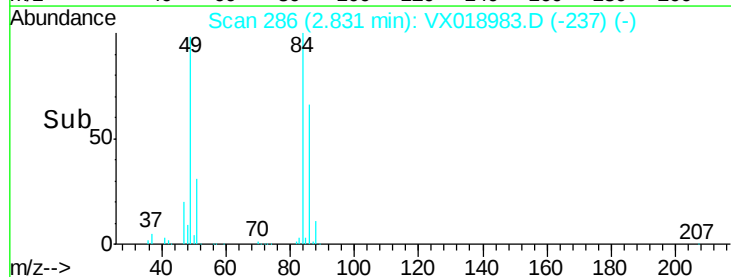
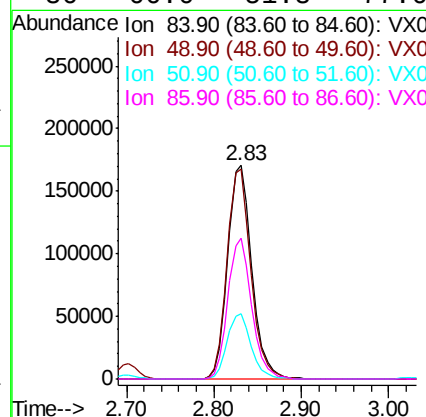
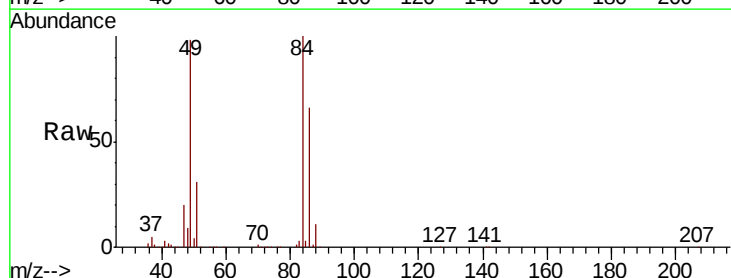
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

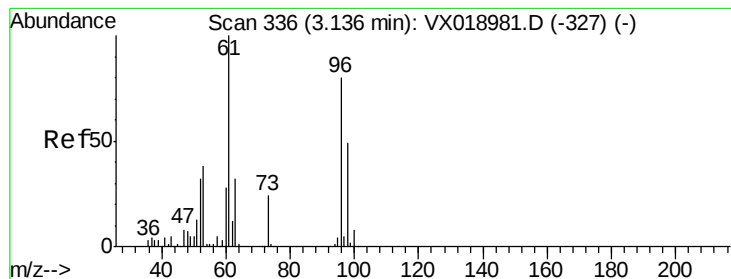
Tot Ion: 73 Resp: 932348
Ion Ratio Lower Upper
73 100
57 19.8 16.2 24.2



#20
Methylene Chloride
Concen: 136.595 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion: 84 Resp: 326708
Ion Ratio Lower Upper
84 100
49 98.2 82.9 124.3
51 30.7 26.4 39.6
86 66.0 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 144.599 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampled :

VSTDIC150

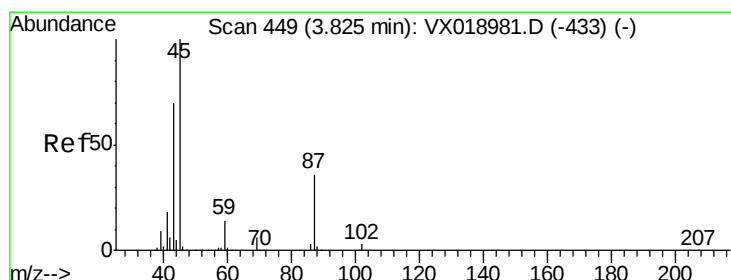
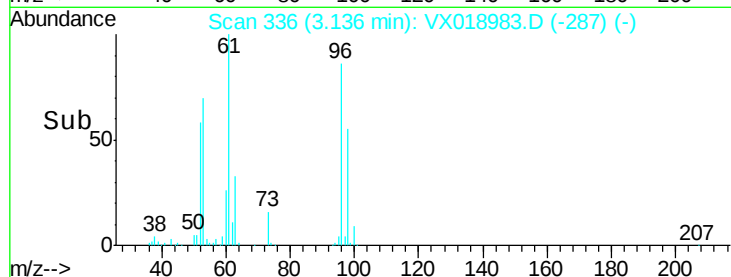
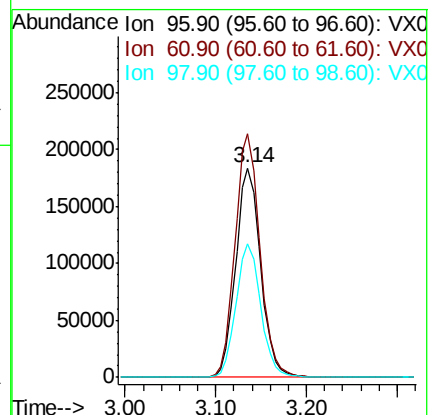
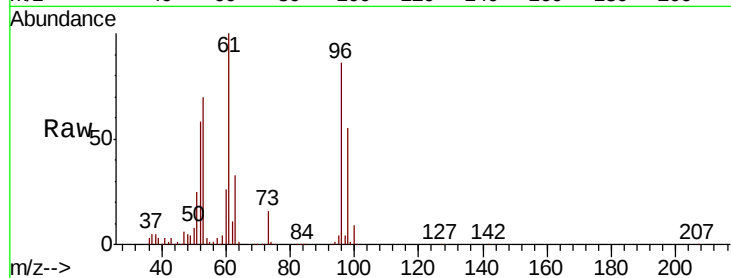
Tot Ion: 96 Resp: 351247

Ion Ratio Lower Upper

96 100

61 116.2 99.8 149.8

98 63.8 49.1 73.7



#22

Diisopropyl ether

Concen: 128.274 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Tgt Ion: 45 Resp: 724785

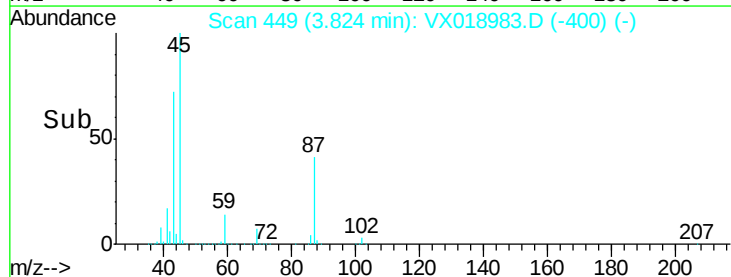
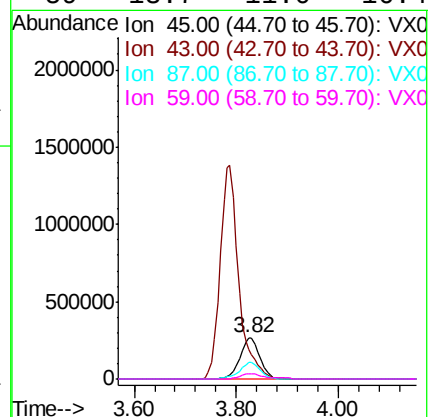
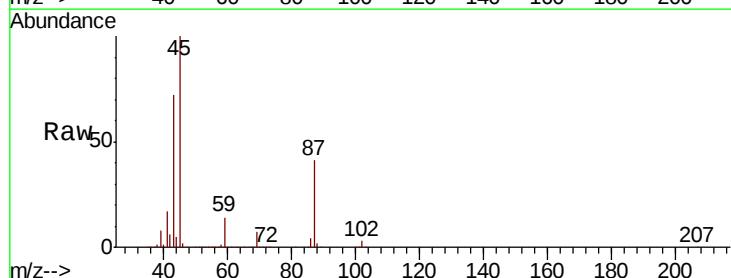
Ion Ratio Lower Upper

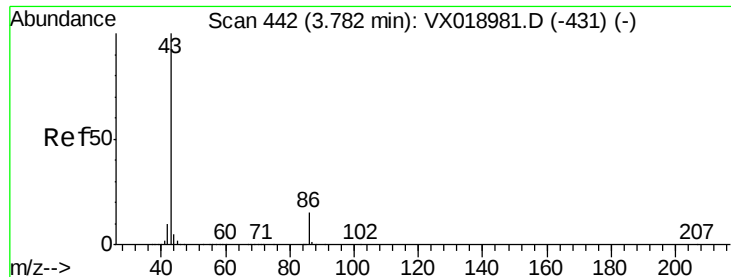
45 100

43 72.1 56.1 84.1

87 40.7 29.2 43.8

59 13.7 11.0 16.4





#23

Vinyl Acetate

Concen: 650.092 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

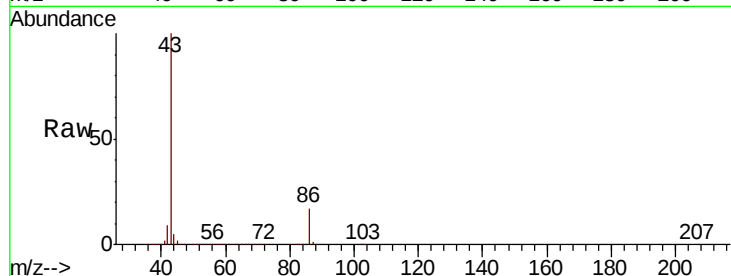
VSTDIC150

Tot Ion: 43 Resp: 3513337

Ion Ratio Lower Upper

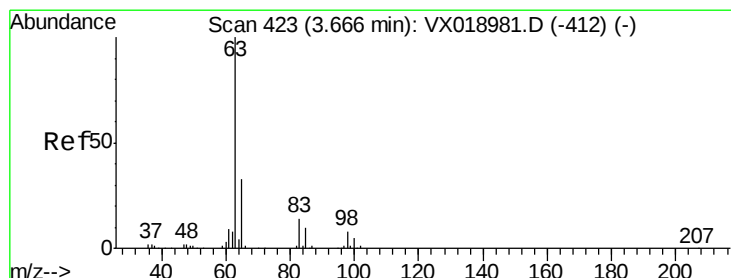
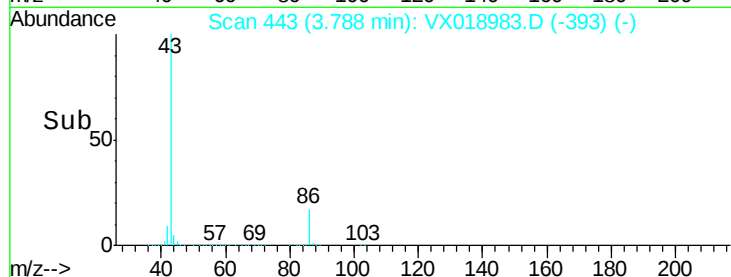
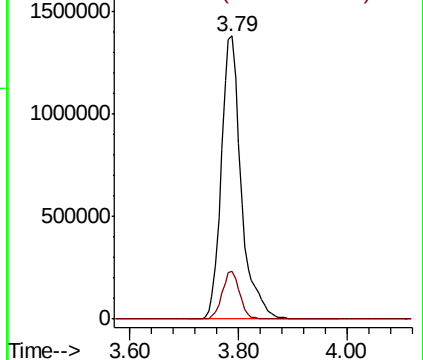
43 100

86 16.7 11.8 17.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 133.573 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

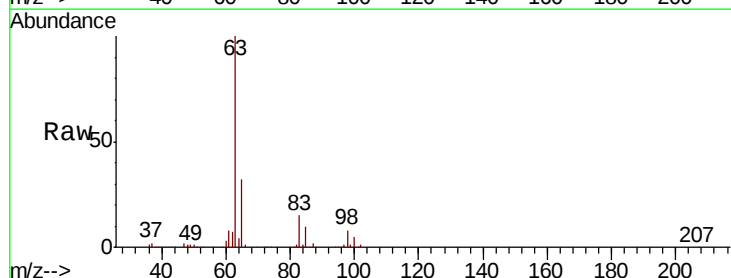
Tgt Ion: 63 Resp: 537677

Ion Ratio Lower Upper

63 100

98 8.2 3.9 11.5

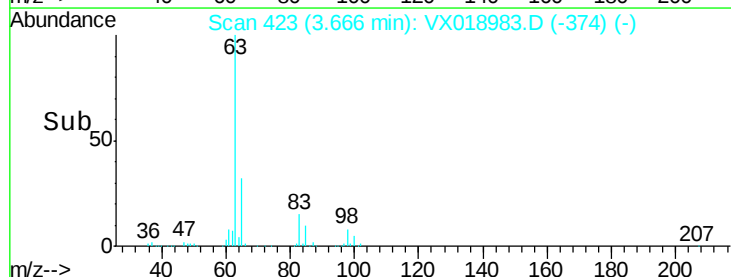
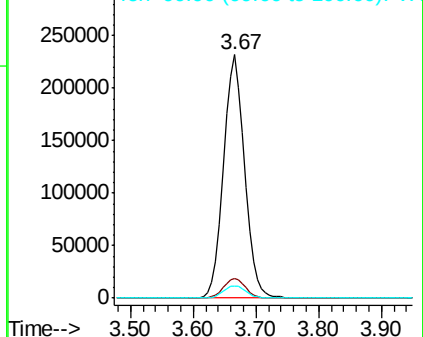
100 5.1 2.4 7.1

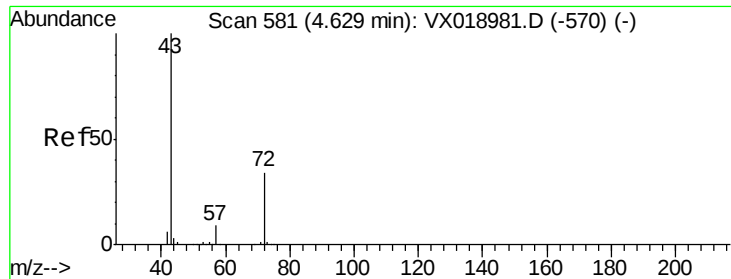


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 662.858 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

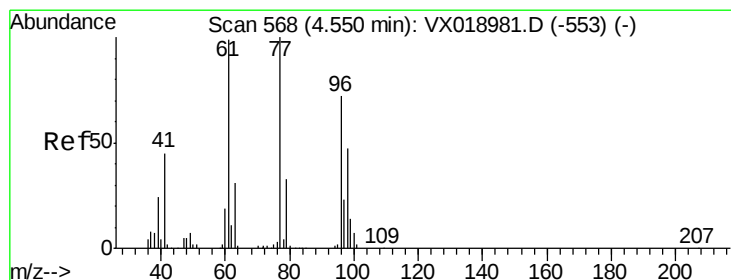
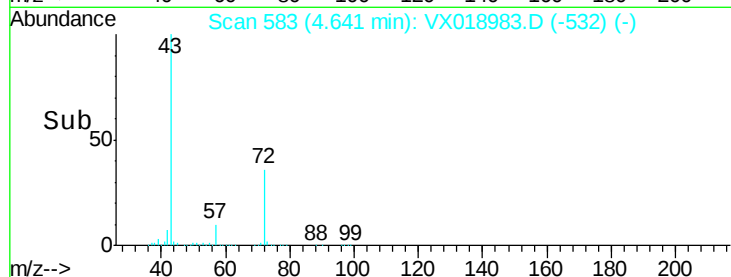
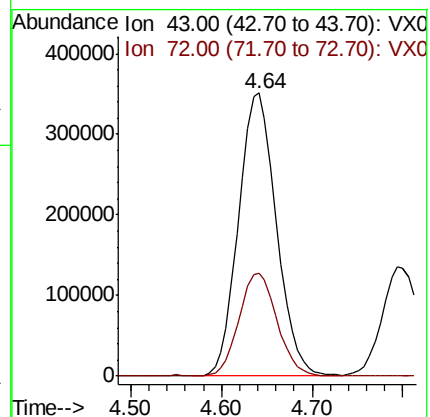
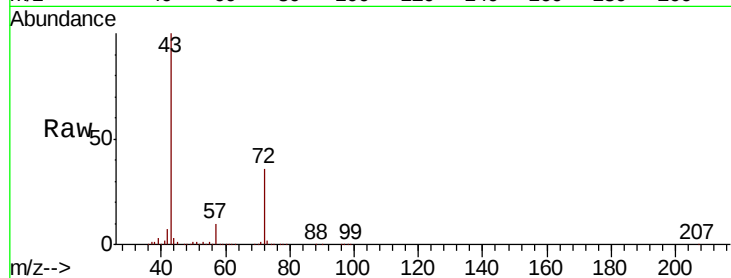
VSTDIC150

Tot Ion: 43 Resp: 1013468

Ion Ratio Lower Upper

43 100

72 36.1 27.3 40.9



#26

2,2-Dichloropropane

Concen: 130.003 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX018983.D

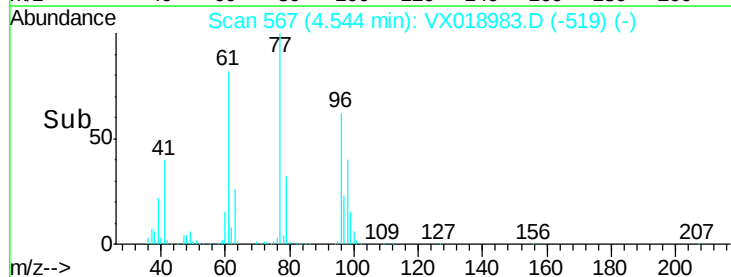
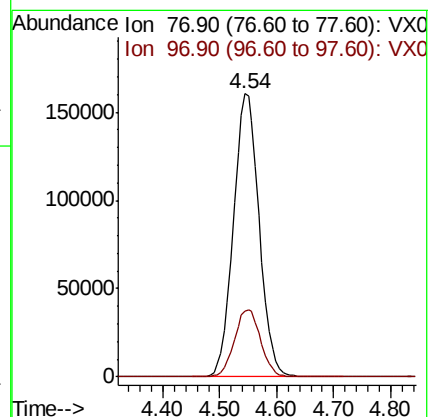
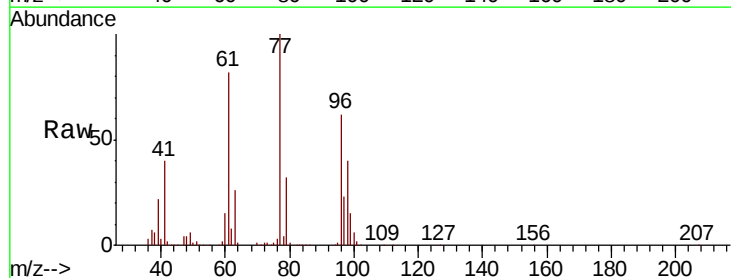
Acq: 20 Oct 2020 18:28

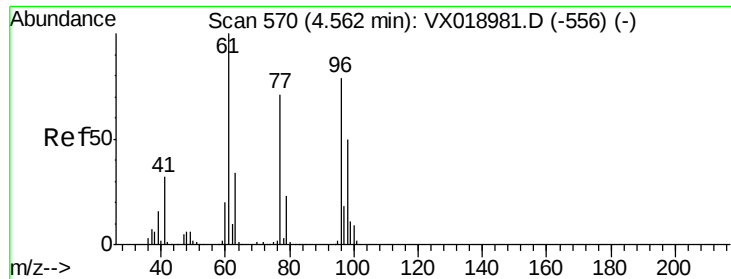
Tgt Ion: 77 Resp: 505241

Ion Ratio Lower Upper

77 100

97 24.2 11.5 34.4



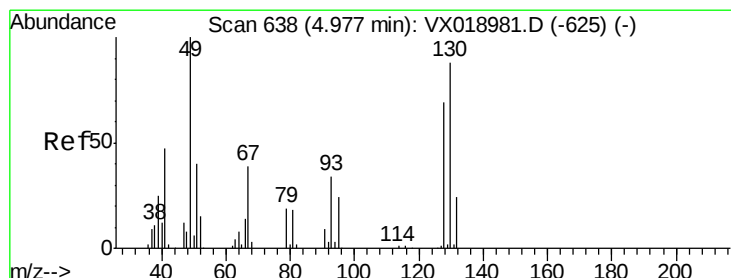
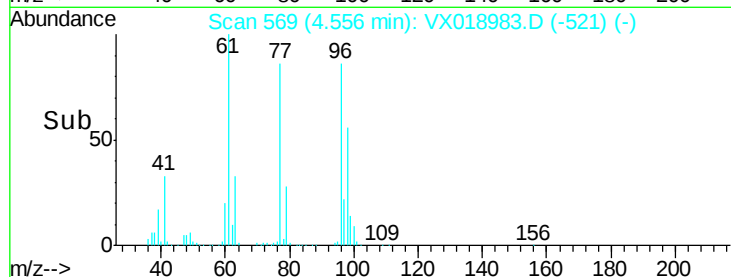
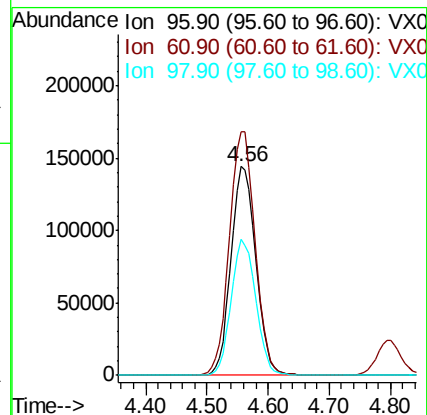
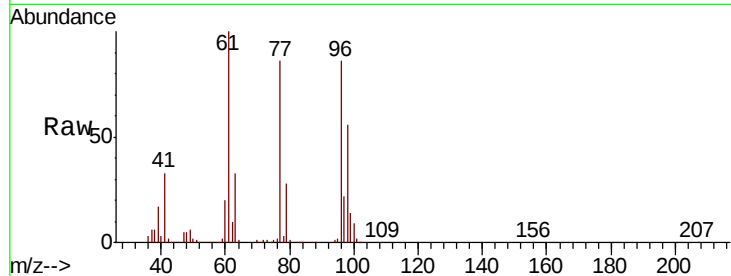


#27

cis-1,2-Dichloroethene
 Concen: 142.412 ug/l
 RT: 4.56 min Scan# 569
 Delta R.T. -0.01 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

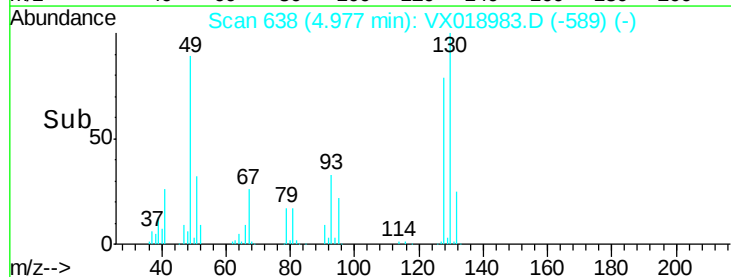
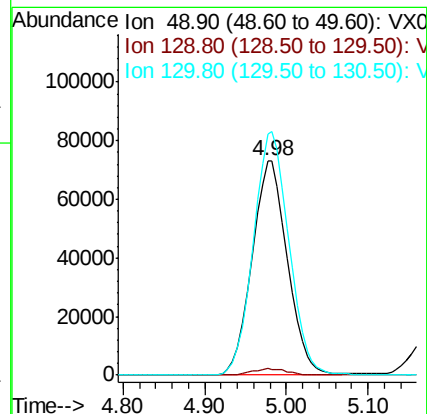
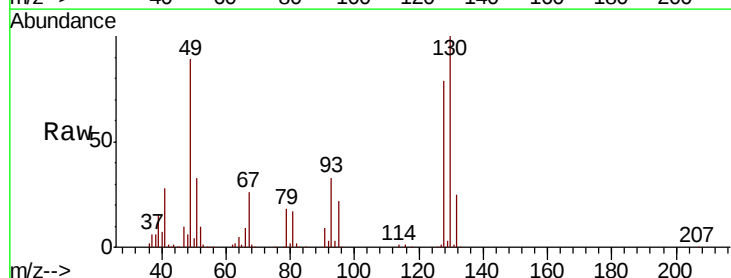
Tot Ion: 96 Resp: 403026
 Ion Ratio Lower Upper
 96 100
 61 121.2 0.0 266.2
 98 64.6 0.0 128.6

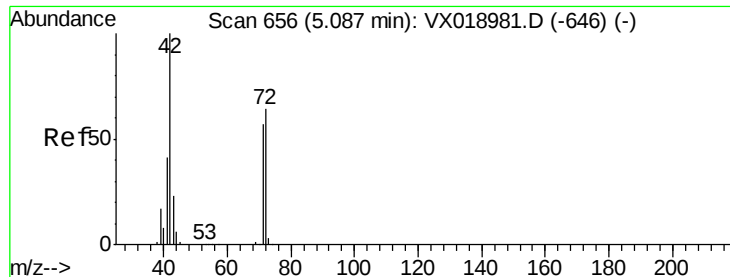


#28

Bromochloromethane
 Concen: 129.593 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Tgt Ion: 49 Resp: 220741
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 4.8
 130 114.3 74.0 111.0#





#29

Tetrahydrofuran

Concen: 647.540 ug/l

RT: 5.09 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

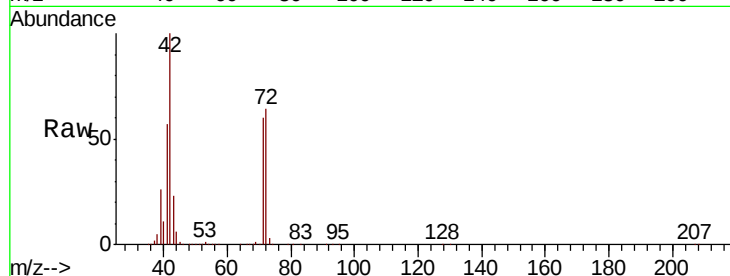
Tot Ion: 42 Resp: 579633

Ion Ratio Lower Upper

42 100

72 64.1 49.2 73.8

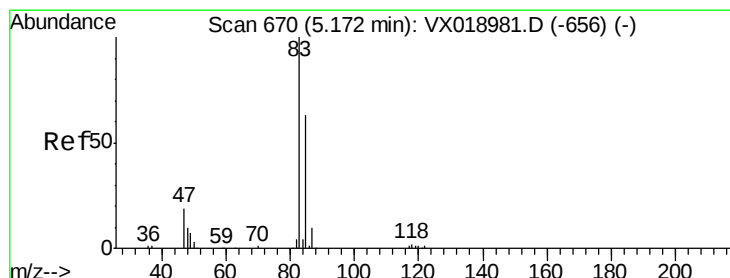
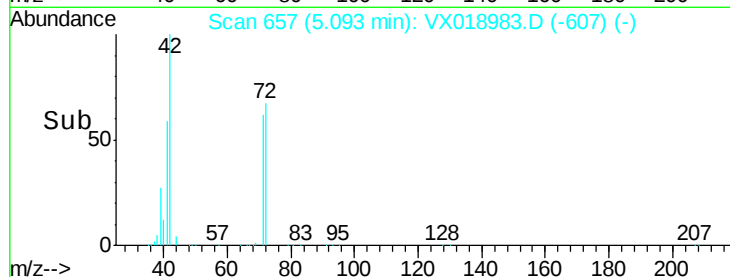
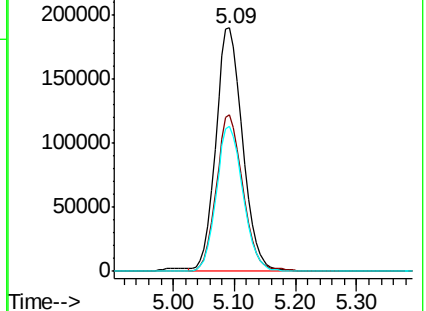
71 59.3 45.3 67.9



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: 136.436 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX018983.D

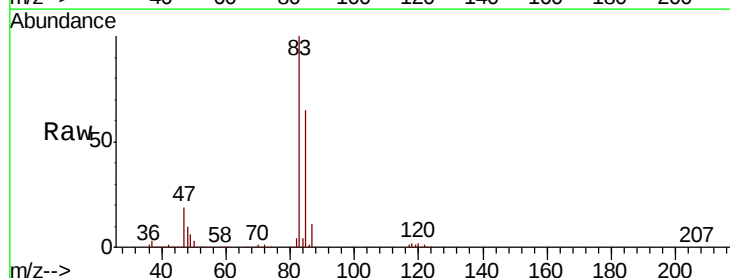
Acq: 20 Oct 2020 18:28

Tgt Ion: 83 Resp: 611217

Ion Ratio Lower Upper

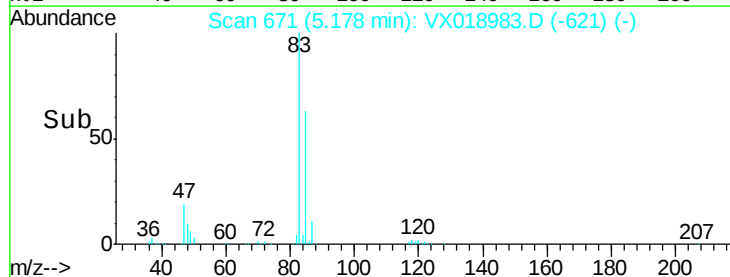
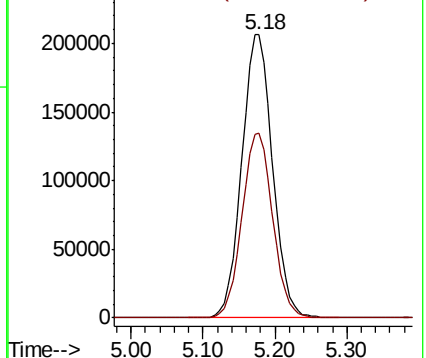
83 100

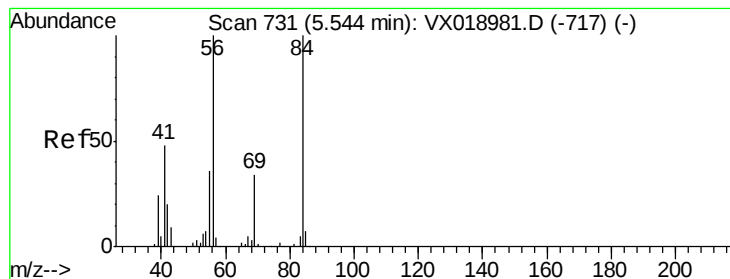
85 65.5 50.1 75.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cvclohexane

Concen: 125.609 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

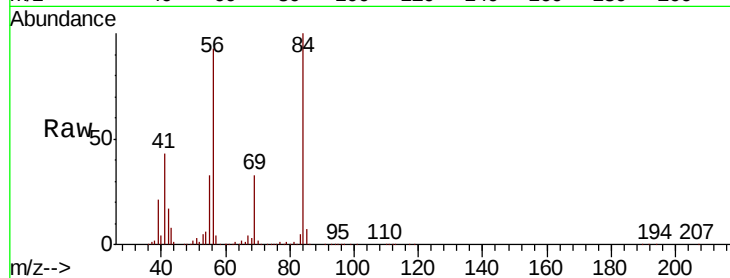
Tot Ion: 56 Resp: 401805

Ion Ratio Lower Upper

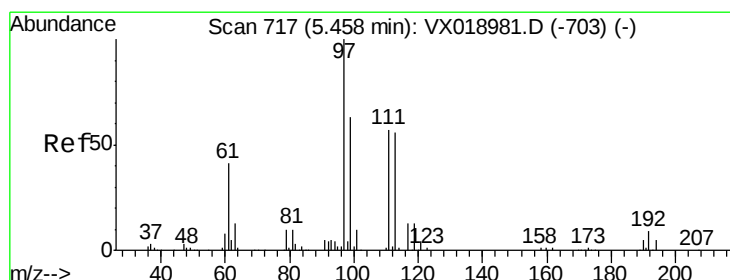
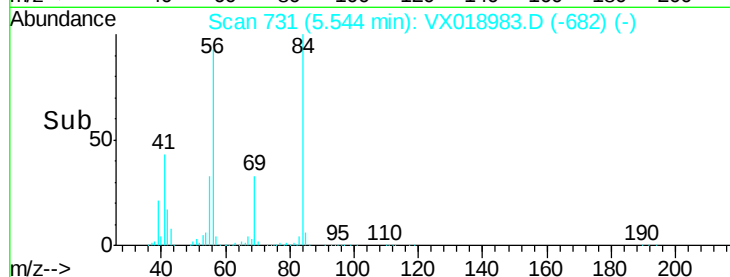
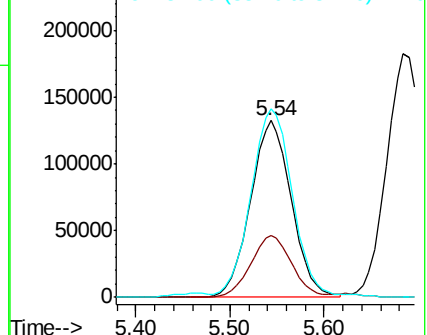
56 100

69 35.1 27.1 40.7

84 105.1 80.4 120.6



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 137.769 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

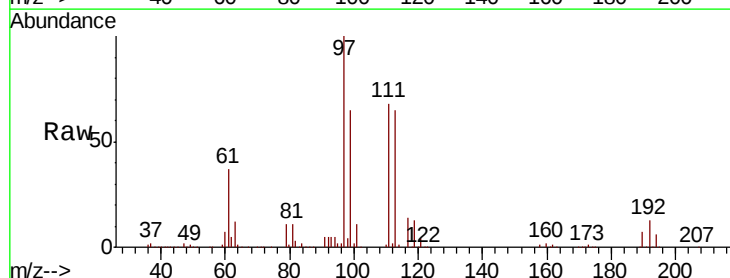
Tgt Ion: 97 Resp: 554404

Ion Ratio Lower Upper

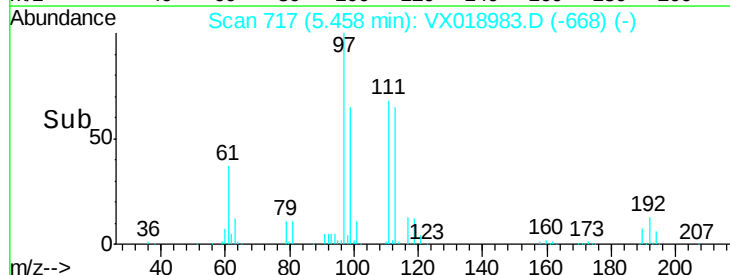
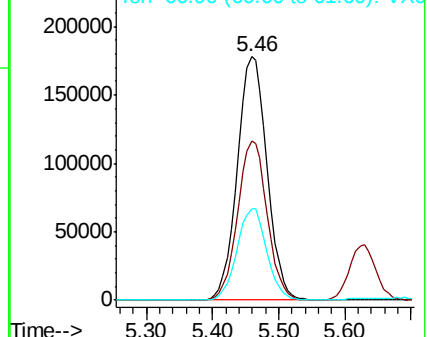
97 100

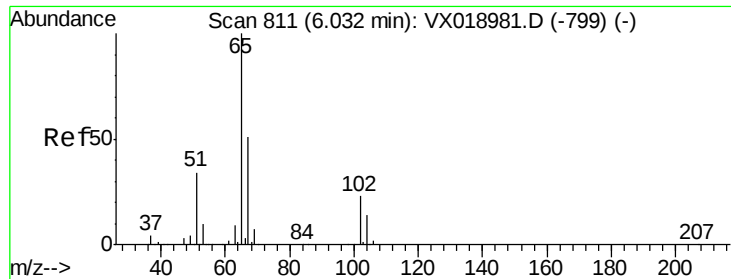
99 64.9 51.1 76.7

61 37.6 32.5 48.7



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 132.699 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

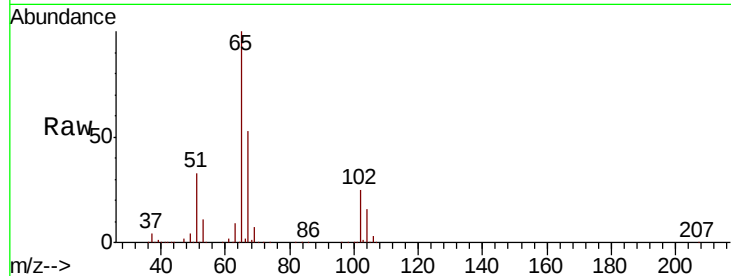
VSTDIC150

Tot Ion: 65 Resp: 363406

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

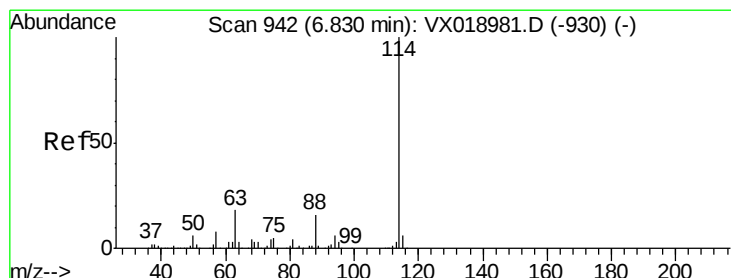
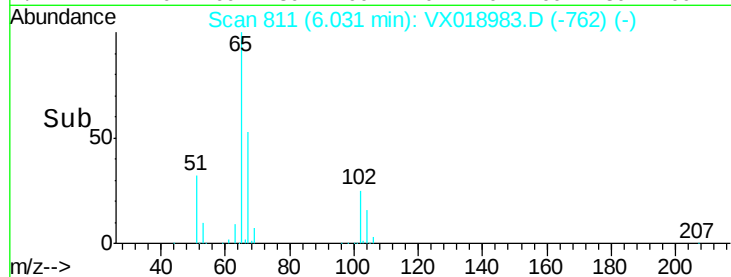
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

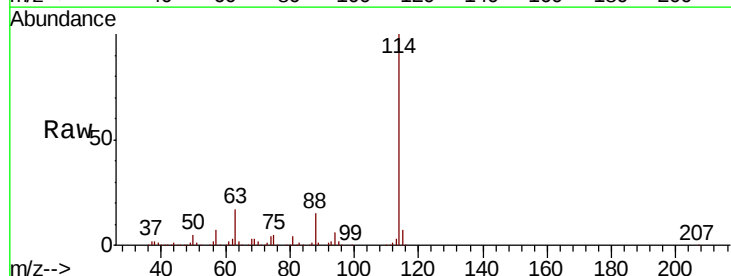
Tgt Ion: 114 Resp: 343593

Ion Ratio Lower Upper

114 100

63 16.8 0.0 36.8

88 15.2 0.0 31.8



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

200000

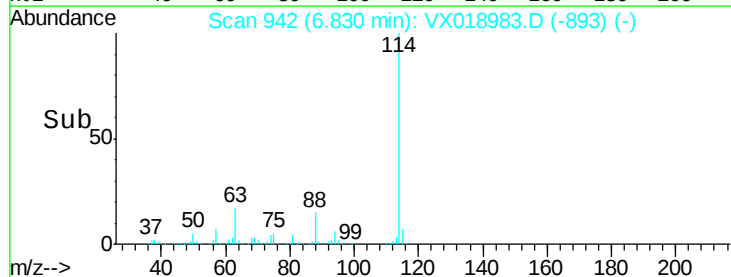
150000

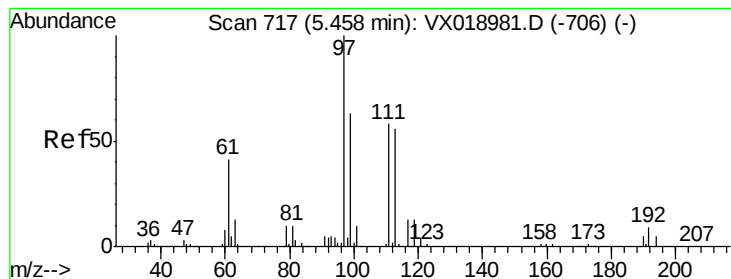
100000

50000

0

Time-->





#35

Dibromofluoromethane

Concen: 157.555 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

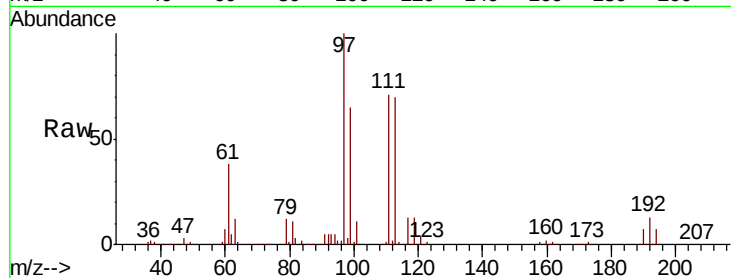
Tot Ion:113 Resp: 348870

Ion Ratio Lower Upper

113 100

111 101.7 84.1 126.1

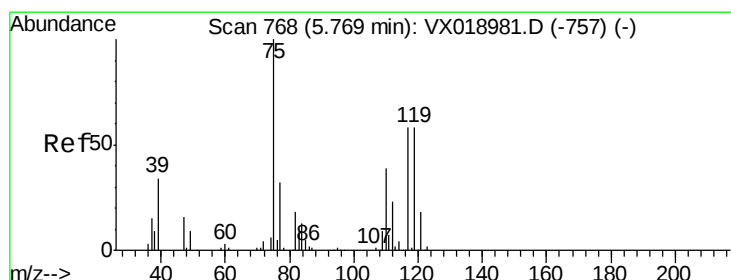
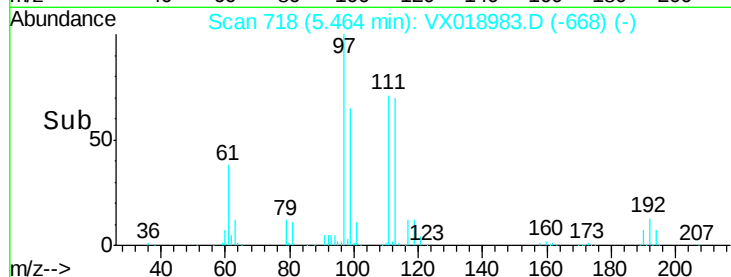
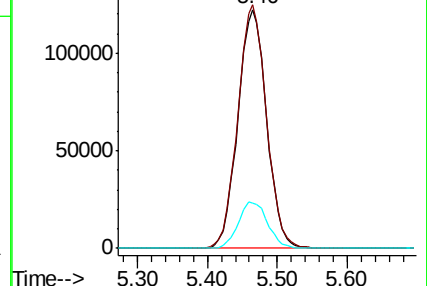
192 19.9 14.7 22.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 139.494 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

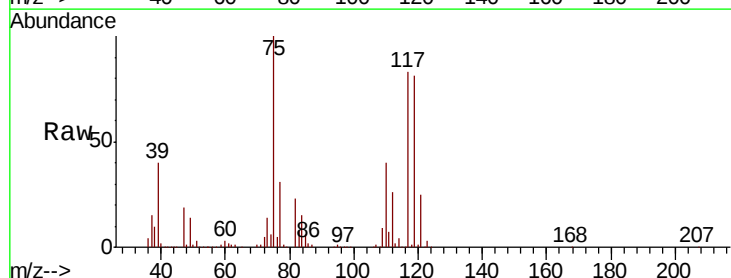
Tgt Ion: 75 Resp: 451676

Ion Ratio Lower Upper

75 100

110 39.5 18.6 55.6

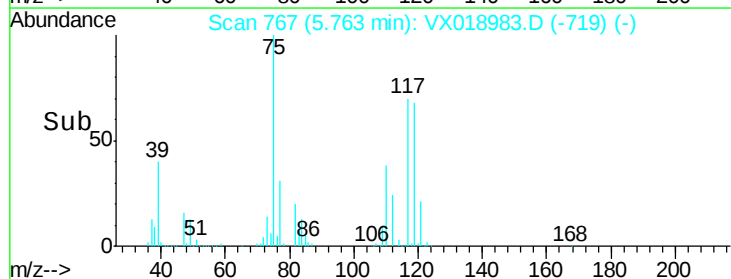
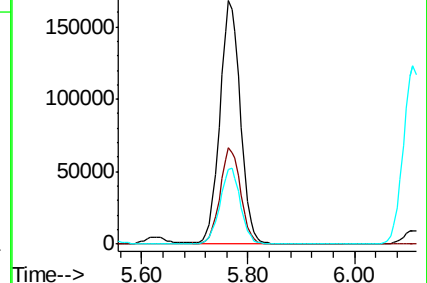
77 31.0 25.0 37.4

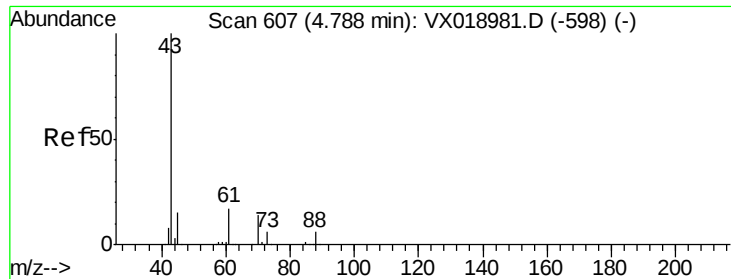


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

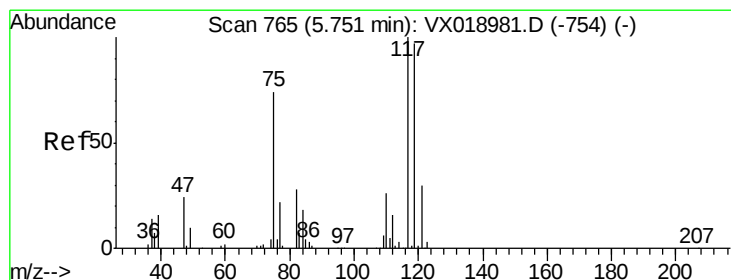
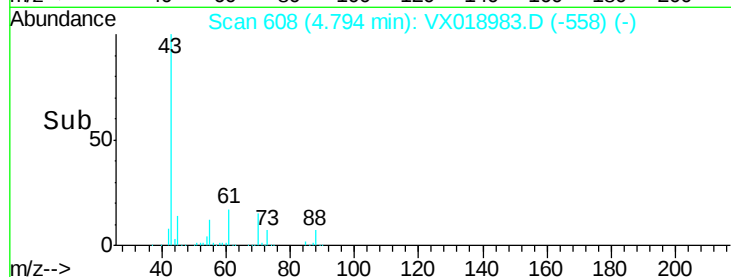
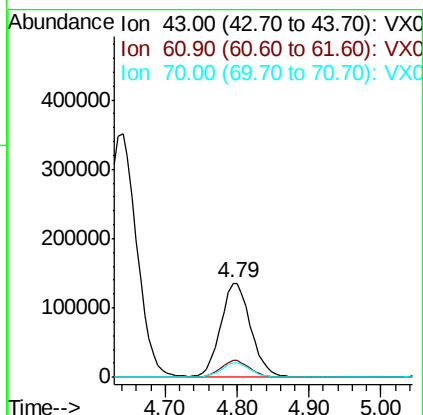
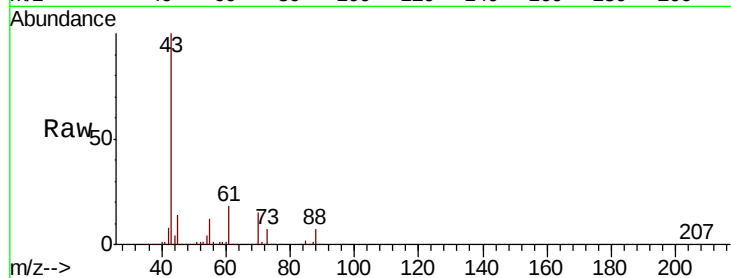




#37
Ethyl Acetate
Concen: 142.310 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.01 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

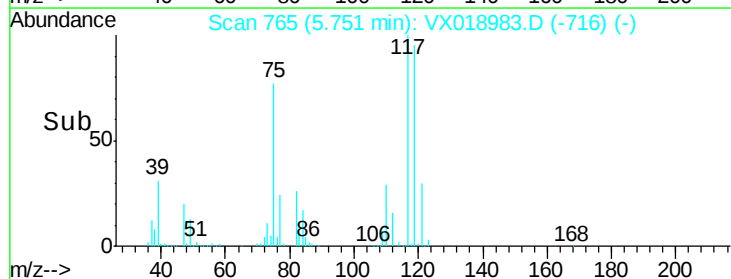
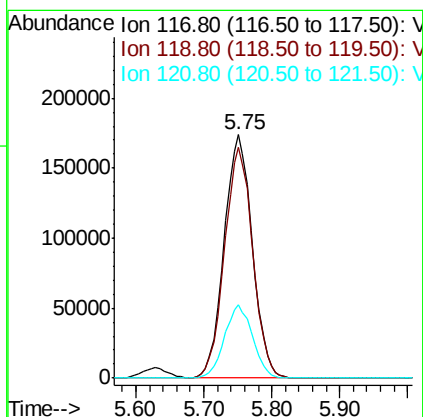
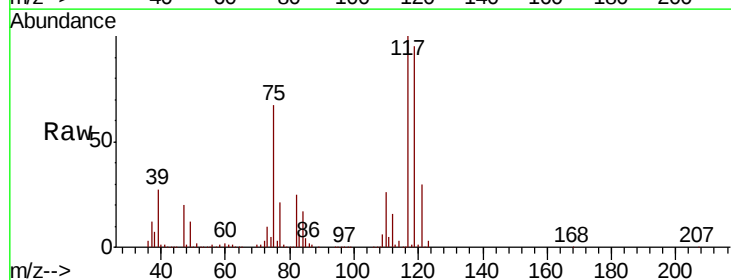
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

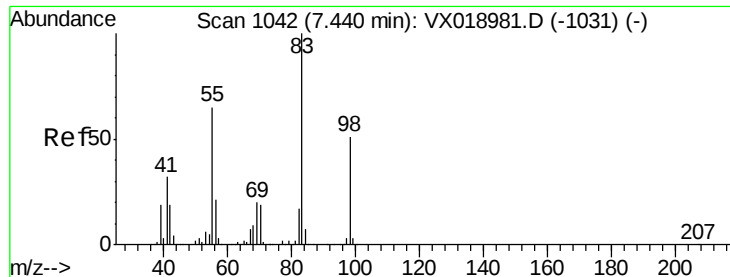
Tot Ion: 43 Resp: 394943
Ion Ratio Lower Upper
43 100
61 17.3 13.5 20.3
70 15.2 11.4 17.2



#38
Carbon Tetrachloride
Concen: 149.265 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion: 117 Resp: 498046
Ion Ratio Lower Upper
117 100
119 94.9 77.6 116.4
121 30.1 23.9 35.9

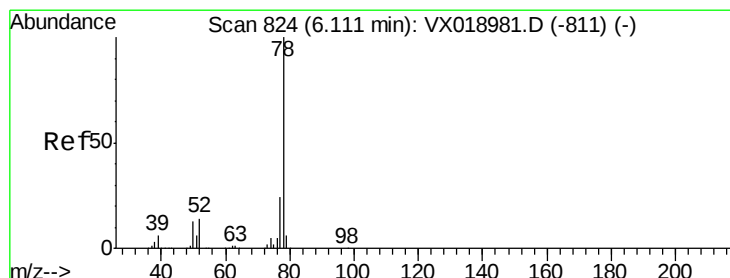
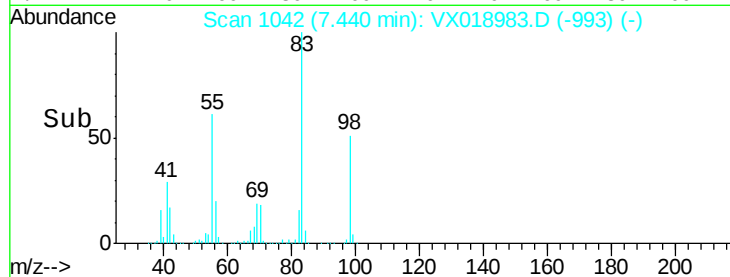
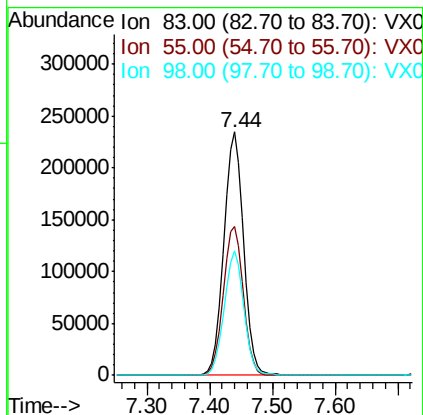
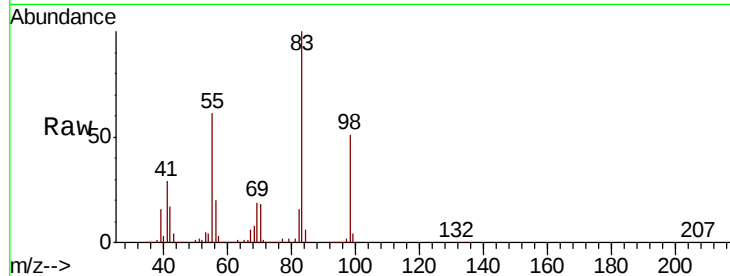




#39
Methvlcvclohexane
Concen: 144.153 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

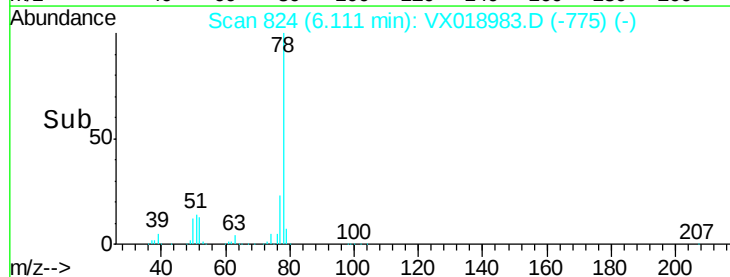
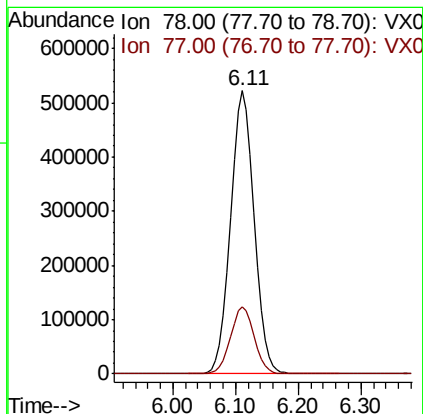
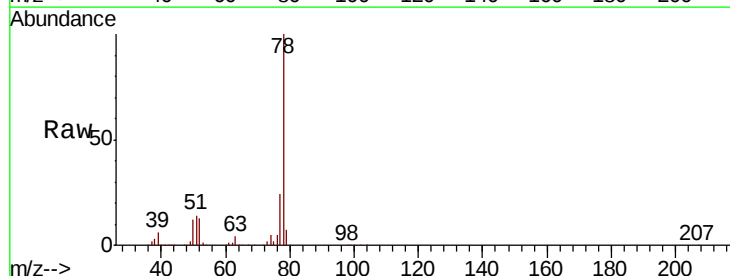
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

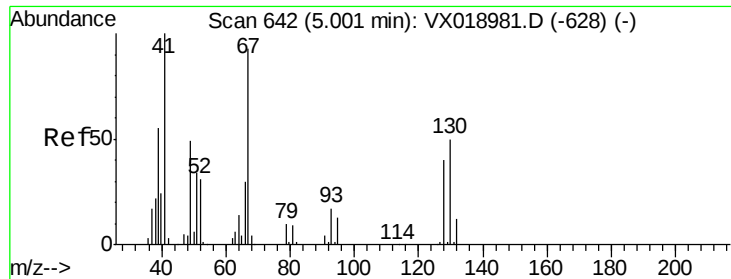
Tot Ion: 83 Resp: 510039
Ion Ratio Lower Upper
83 100
55 61.0 52.2 78.4
98 51.0 40.8 61.2



#40
Benzene
Concen: 144.121 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion: 78 Resp: 1357031
Ion Ratio Lower Upper
78 100
77 23.5 19.5 29.3

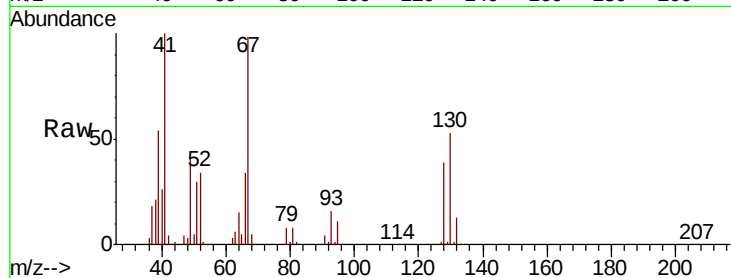




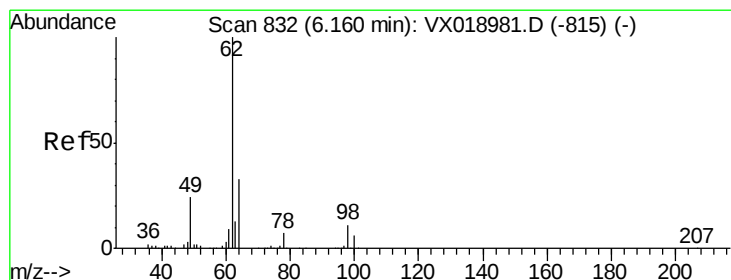
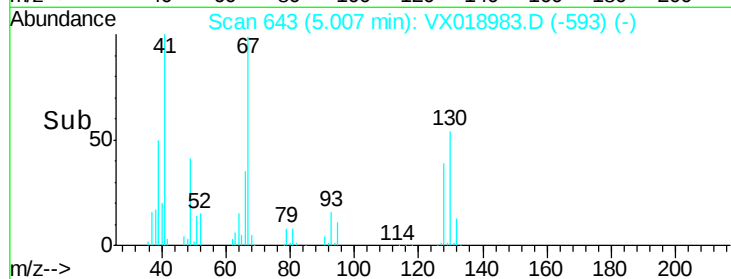
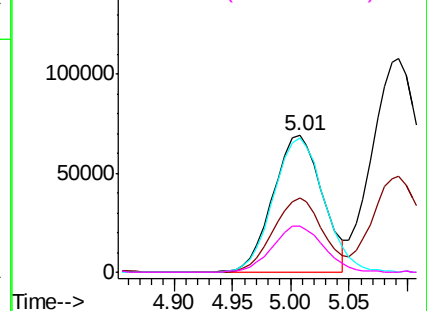
#41
Methacrylonitrile
Concen: 133.053 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.01 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:	41	Resp:	203287
Ion	Ratio	Lower	Upper
41	100		
39	55.1	44.3	66.5
67	100.9	74.7	112.1
52	35.0	27.4	41.2

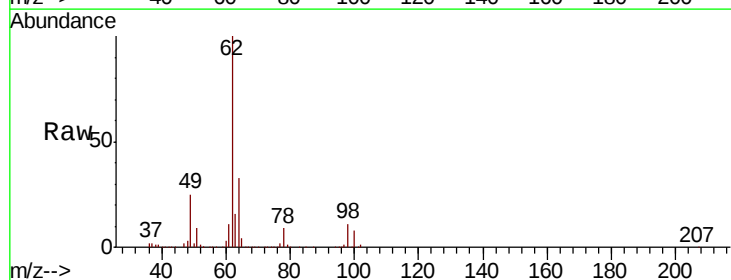


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

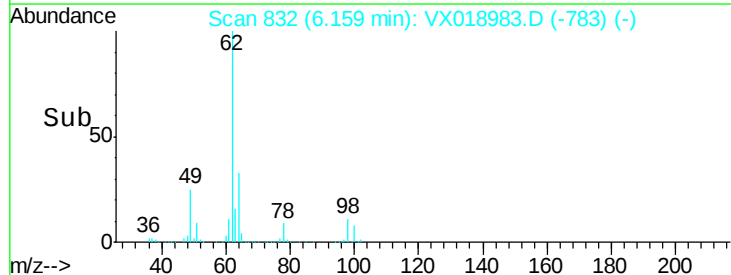
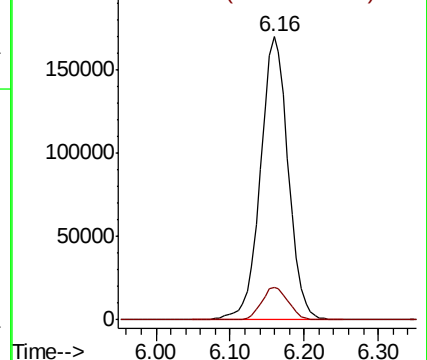


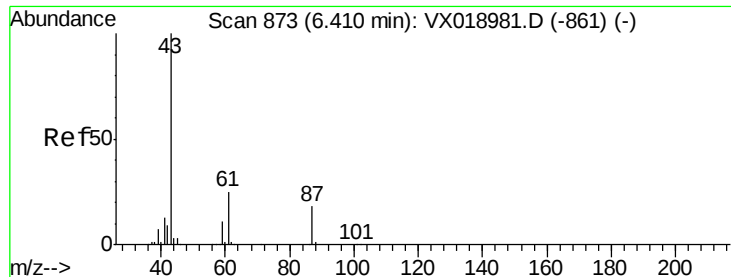
#42
1,2-Dichloroethane
Concen: 136.080 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion:	62	Resp:	442580
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	20.4



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





#43

Isopropyl Acetate

Concen: 135.175 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

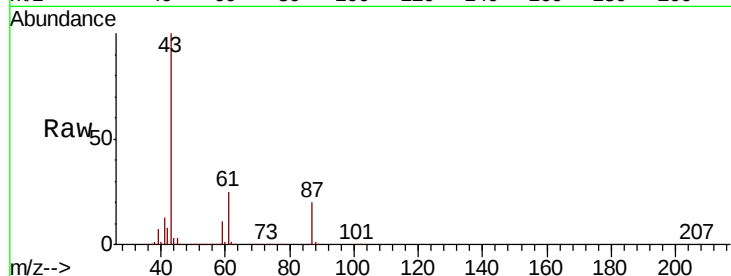
Tot Ion: 43 Resp: 655891

Ion Ratio Lower Upper

43 100

61 25.2 19.3 28.9

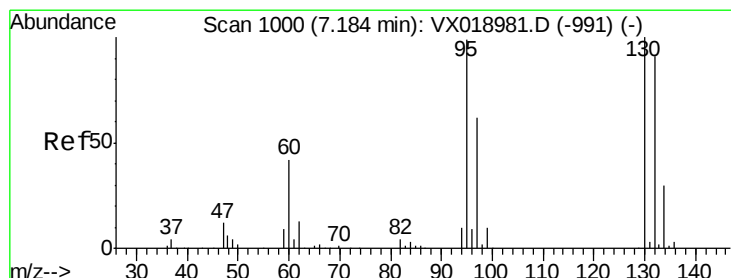
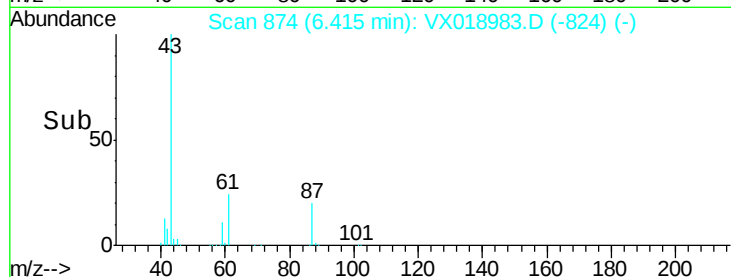
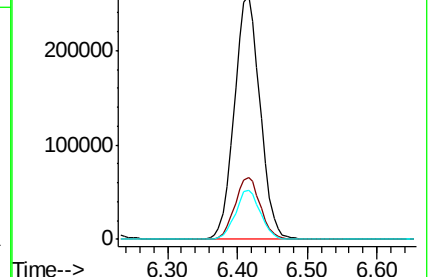
87 19.6 14.3 21.5



Abundance Ion 43.00 (42.70 to 43.70): VX018983.D (-824) (-)

Ion 61.00 (60.70 to 61.70): VX018983.D (-824) (-)

Ion 87.00 (86.70 to 87.70): VX018983.D (-824) (-)



#44

Trichloroethene

Concen: 151.024 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX018983.D

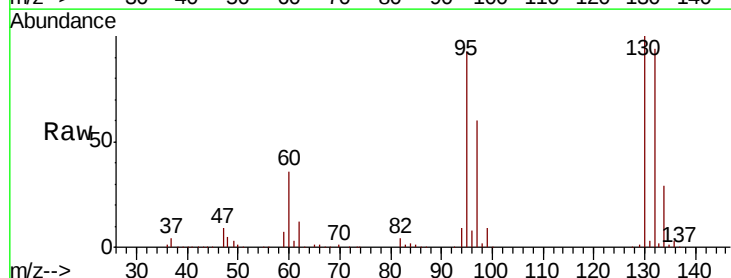
Acq: 20 Oct 2020 18:28

Tgt Ion: 130 Resp: 399504

Ion Ratio Lower Upper

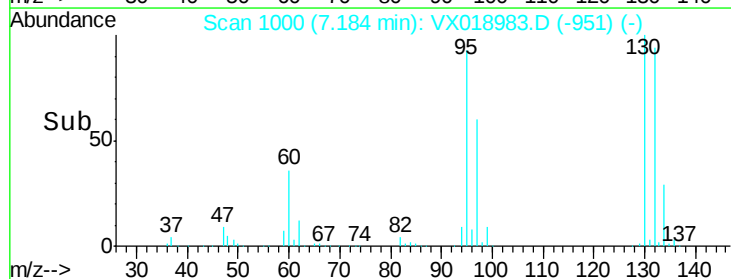
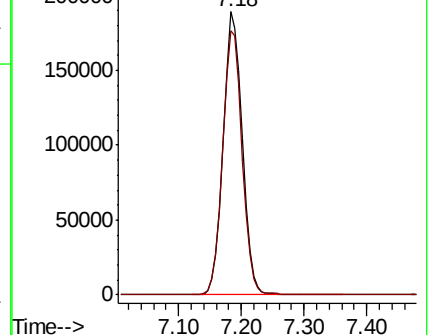
130 100

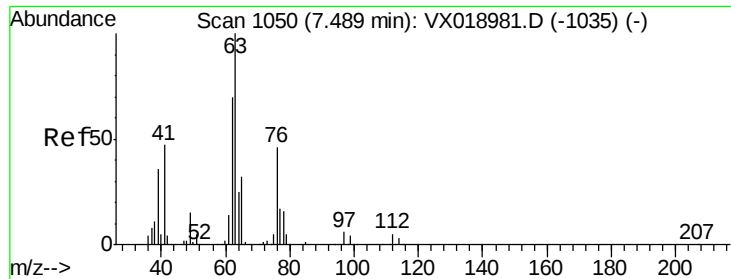
95 93.2 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): VX018983.D (-951) (-)

Ion 94.90 (94.60 to 95.60): VX018983.D (-951) (-)





#45

1,2-Dichloropropane

Concen: 140.718 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

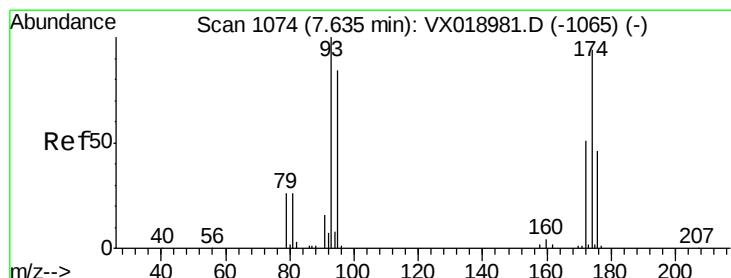
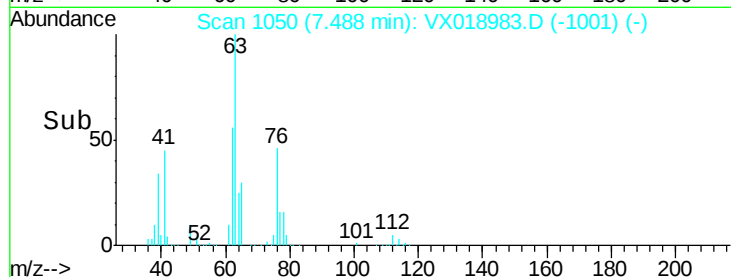
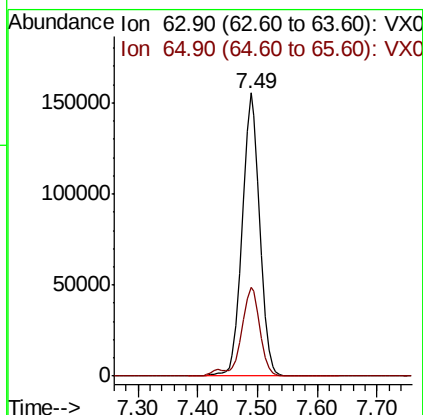
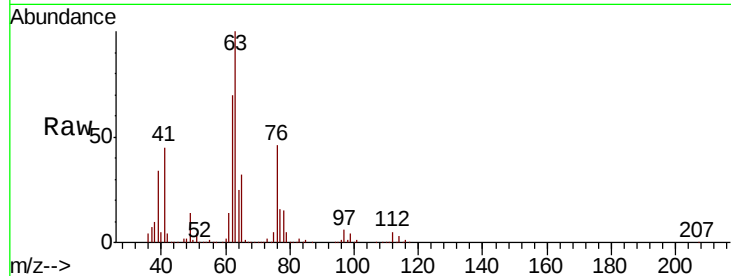
VSTDIC150

Tot Ion: 63 Resp: 318696

Ion Ratio Lower Upper

63 100

65 31.6 25.8 38.6



#46

Dibromomethane

Concen: 148.991 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

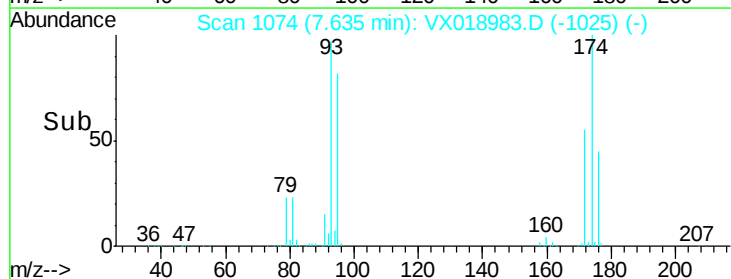
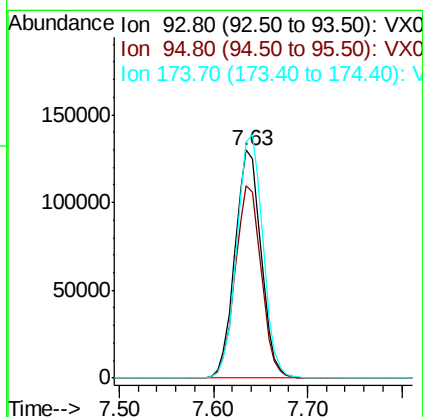
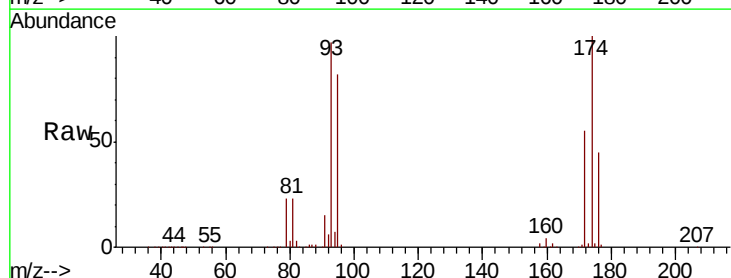
Tgt Ion: 93 Resp: 251174

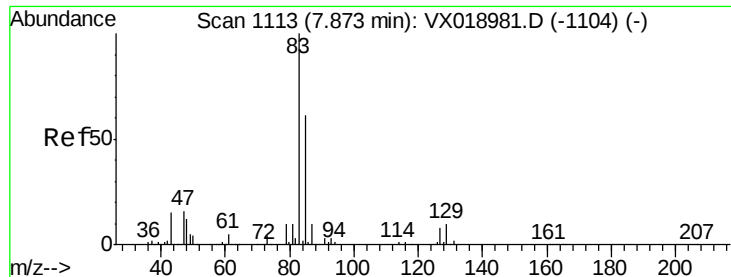
Ion Ratio Lower Upper

93 100

95 84.4 66.2 99.4

174 106.7 74.5 111.7





#47

Bromodichloromethane

Concen: 149.962 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

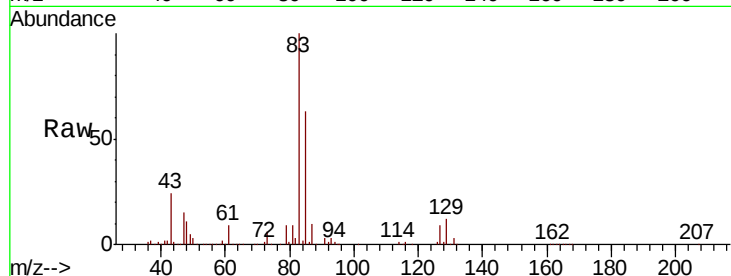
Tot Ion: 83 Resp: 507251

Ion Ratio Lower Upper

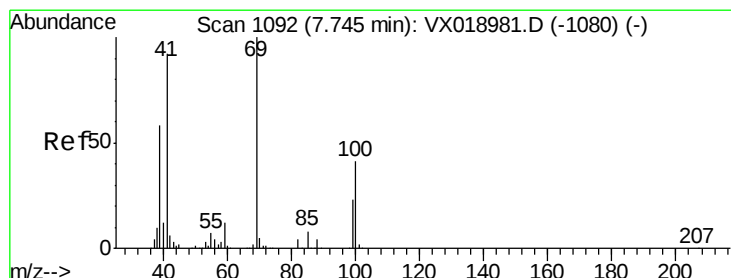
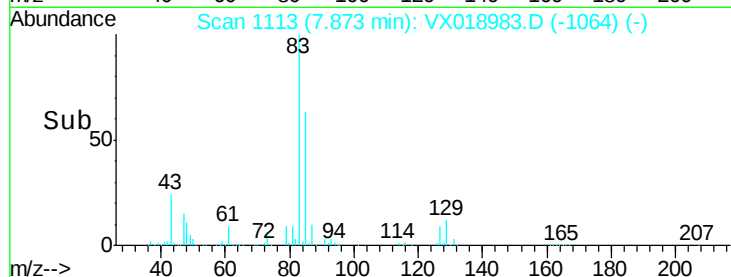
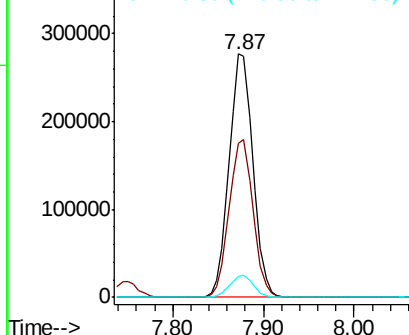
83 100

85 63.0 48.6 73.0

127 8.7 6.3 9.5



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: 140.750 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

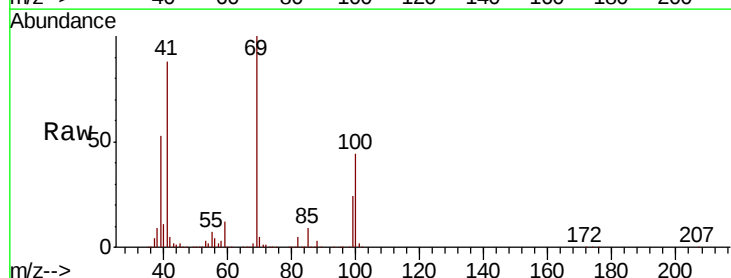
Tgt Ion: 41 Resp: 314292

Ion Ratio Lower Upper

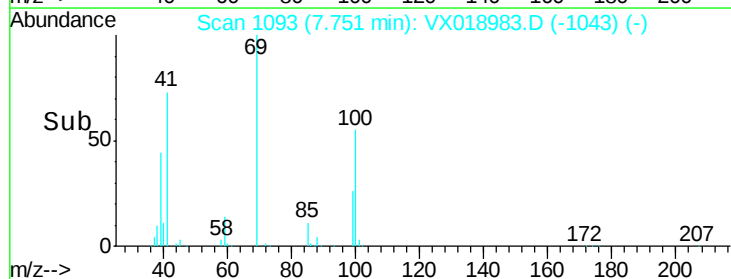
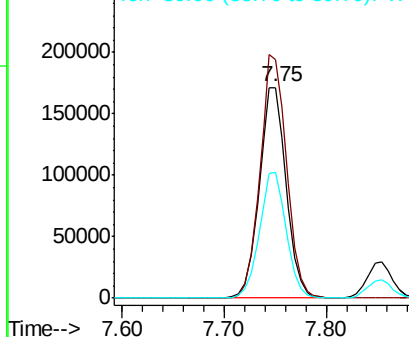
41 100

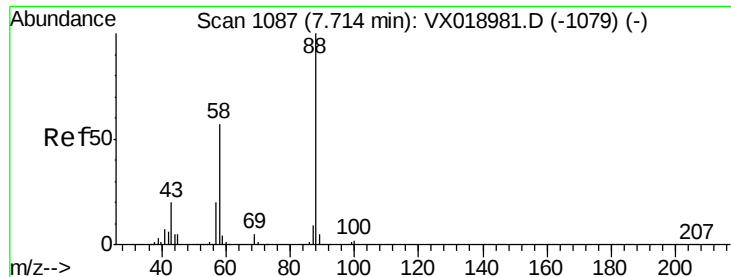
69 114.1 88.0 132.0

39 59.4 49.9 74.9



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

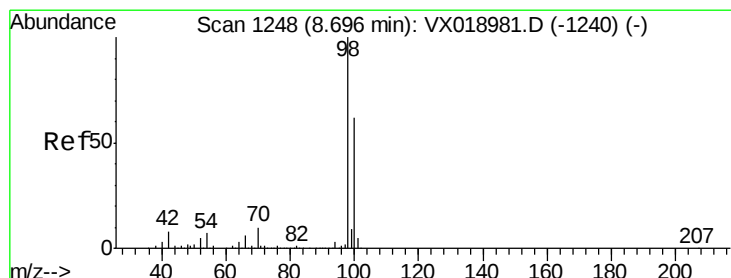
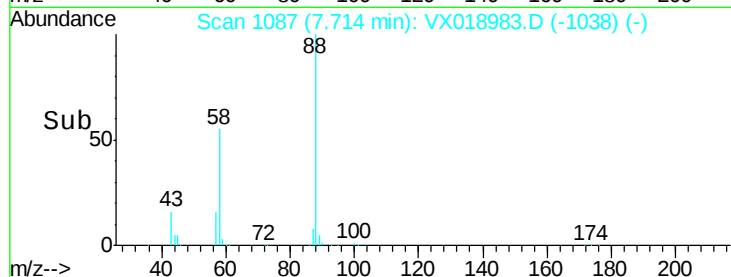
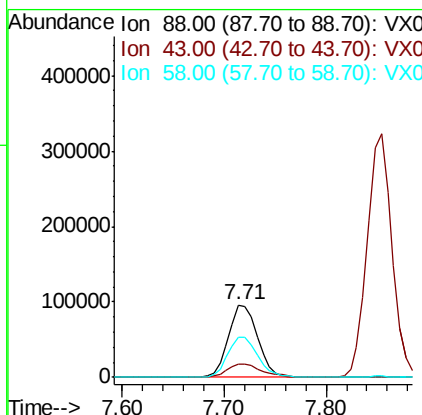
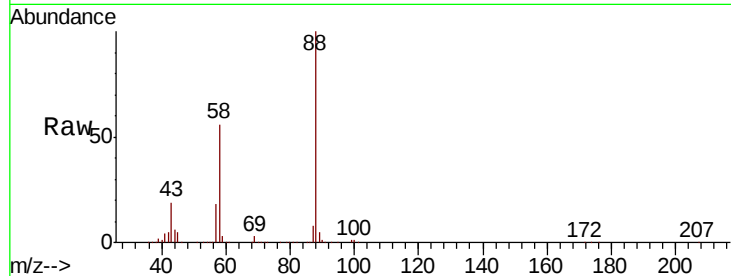




#49
1,4-Dioxane
Concen: 3377.058 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

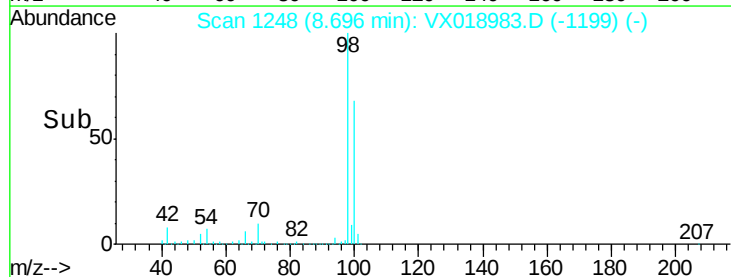
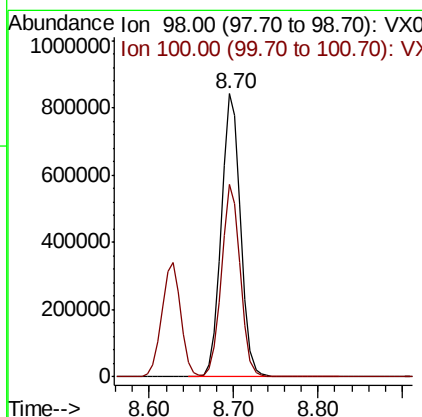
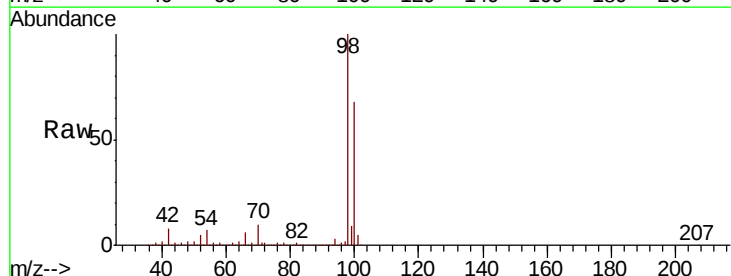
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

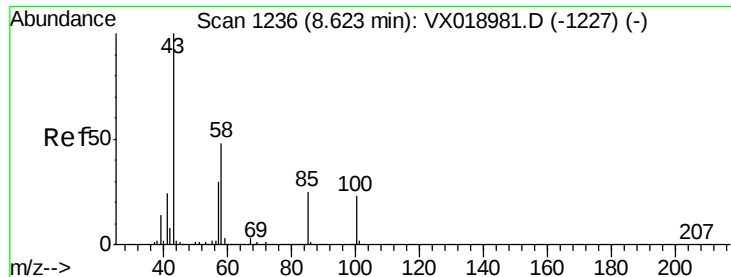
Tot Ion: 88 Resp: 189313
Ion Ratio Lower Upper
88 100
43 22.8 20.4 30.6
58 57.8 49.3 73.9



#50
Toluene-d8
Concen: 152.768 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion: 98 Resp: 1326552
Ion Ratio Lower Upper
98 100
100 66.7 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 741.881 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

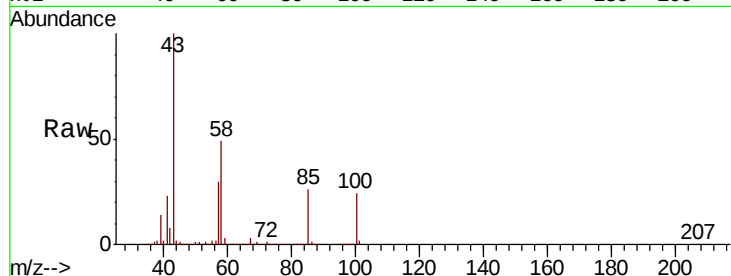
VSTDIC150

Tot Ion: 43 Resp: 2106226

Ion Ratio Lower Upper

43 100

58 48.9 37.8 56.8



Abundance Ion 43.00 (42.70 to 43.70): VX018981.D (-1227) (-)

Ion 58.00 (57.70 to 58.70): VX018981.D (-1227) (-)

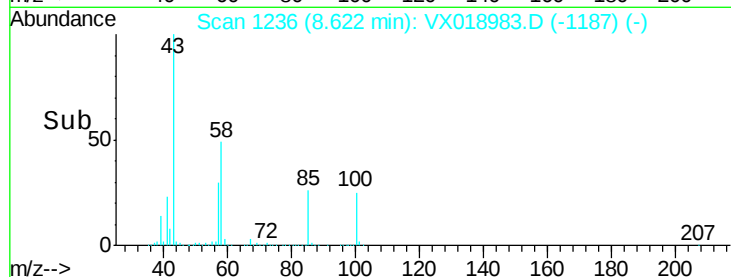
1500000

1000000

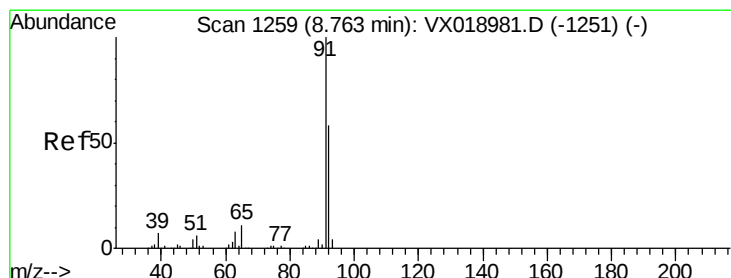
500000

0

Time-->



Time-->



#52

Toluene

Concen: 151.495 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018983.D

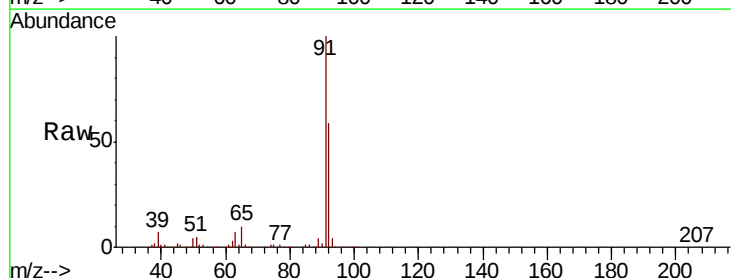
Acq: 20 Oct 2020 18:28

Tgt Ion: 92 Resp: 932091

Ion Ratio Lower Upper

92 100

91 169.9 136.5 204.7



Abundance Ion 92.00 (91.70 to 92.70): VX018981.D (-1251) (-)

Ion 91.00 (90.70 to 91.70): VX018981.D (-1251) (-)

1200000

1000000

800000

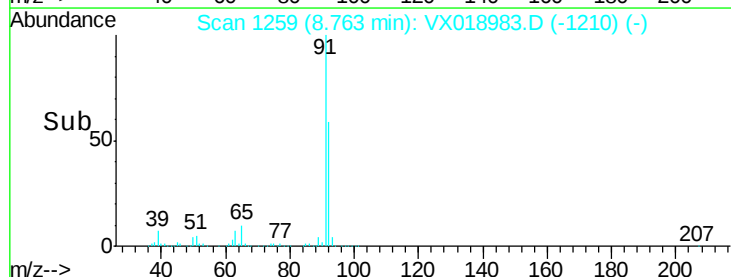
600000

400000

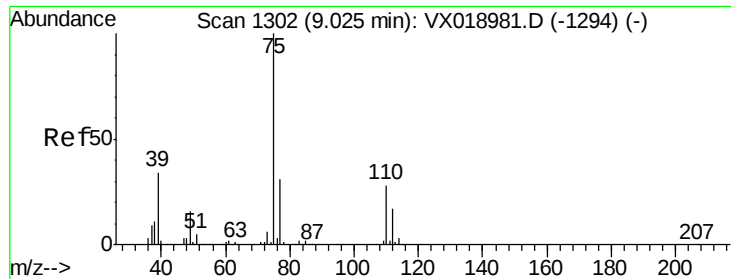
200000

0

Time-->



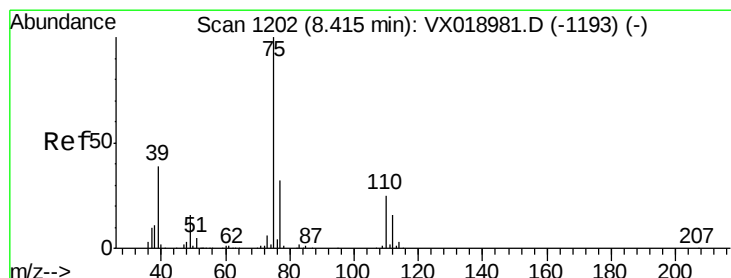
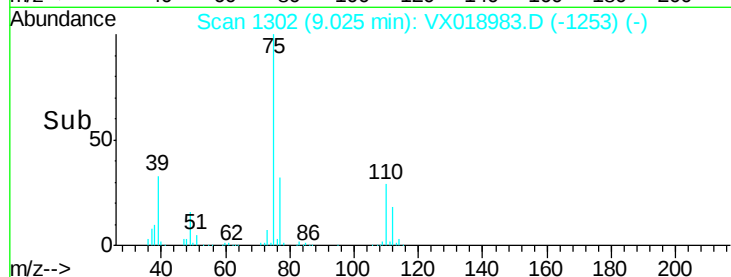
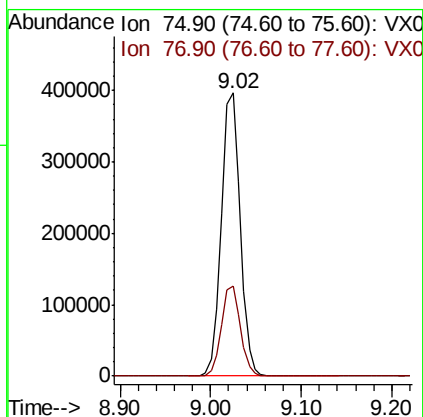
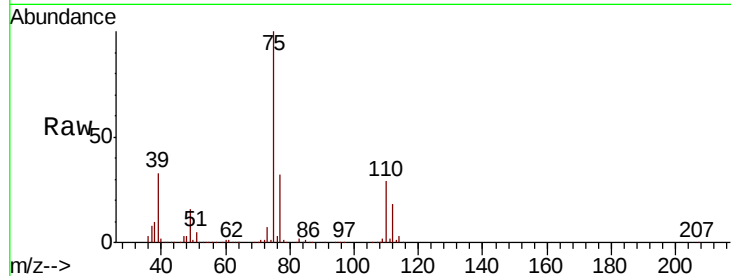
Time-->



#53
 t-1,3-Dichloropropene
 Concen: 150.734 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

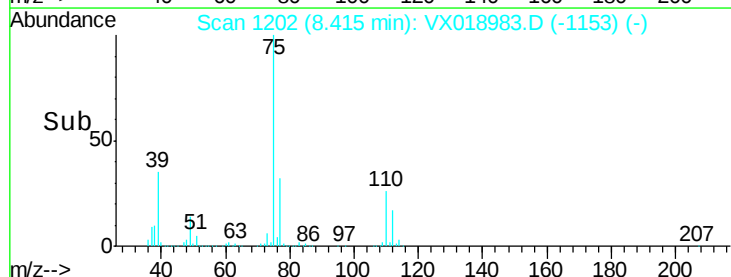
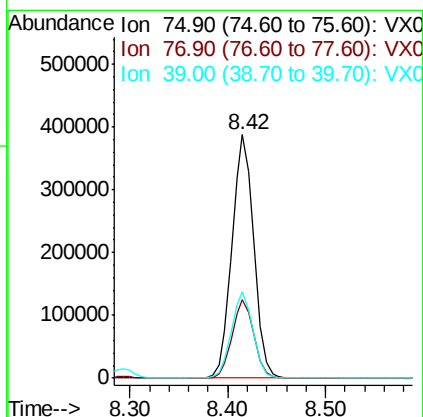
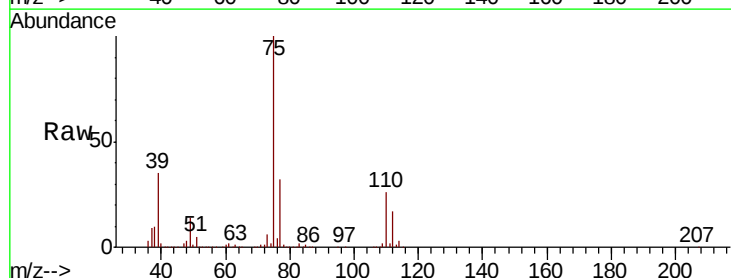
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

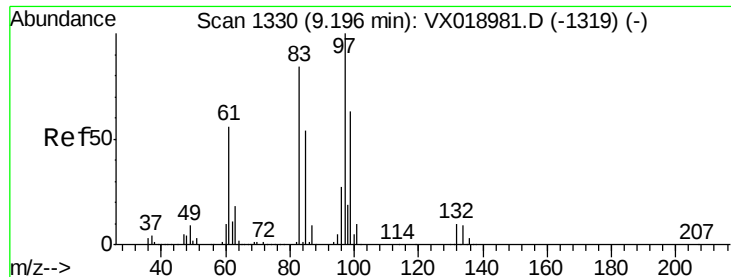
Tot Ion: 75 Resp: 576828
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 148.120 ug/l
 RT: 8.42 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Tgt Ion: 75 Resp: 597854
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 39 35.3 31.3 46.9

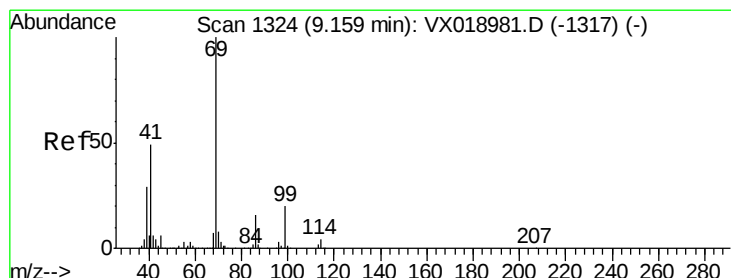
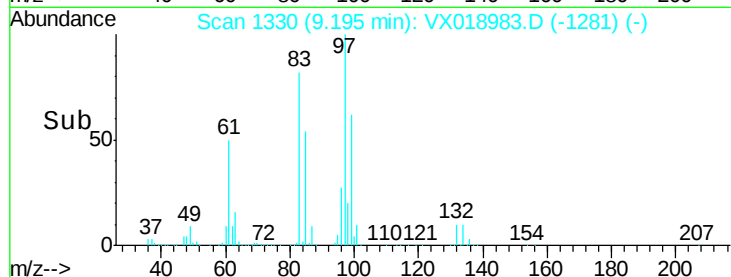
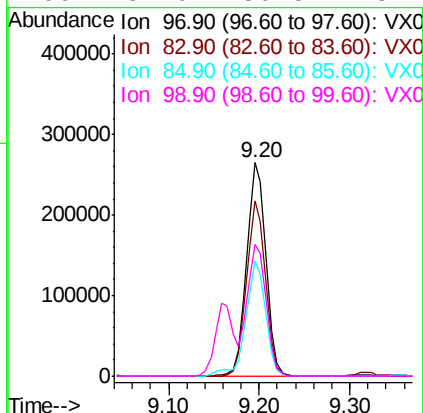
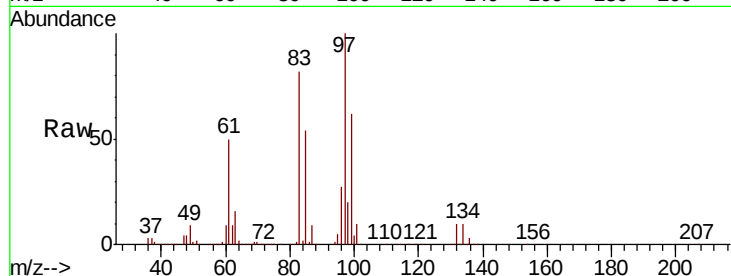




#55
 1,1,2-Trichloroethane
 Concen: 157.864 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

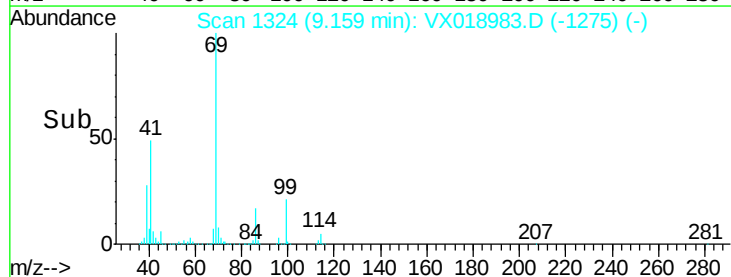
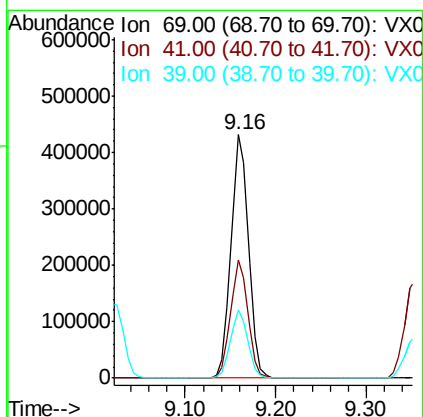
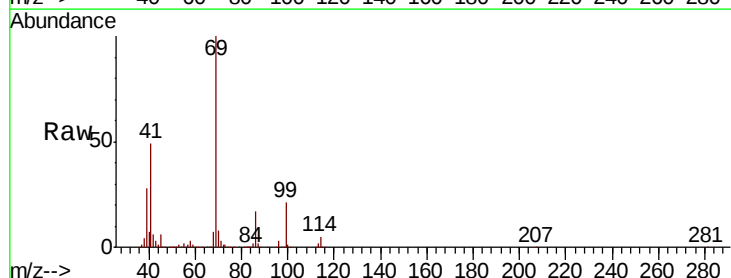
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

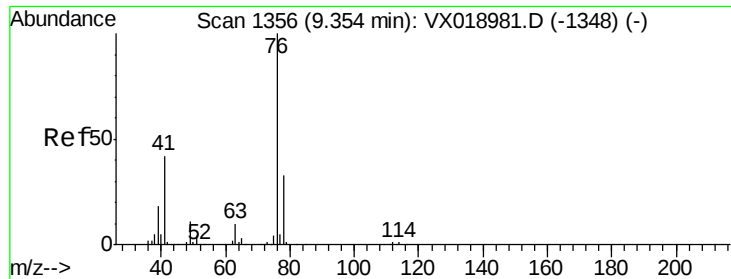
Tot Ion:	97	Resp:	389151
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.4	101.0
85	53.8	43.1	64.7
99	62.0	50.5	75.7



#56
 Ethyl methacrylate
 Concen: 156.576 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Tgt Ion:	69	Resp:	579090
Ion	Ratio	Lower	Upper
69	100		
41	48.1	39.8	59.6
39	27.7	23.8	35.6





#57

1,3-Dichloropropane

Concen: 148.089 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

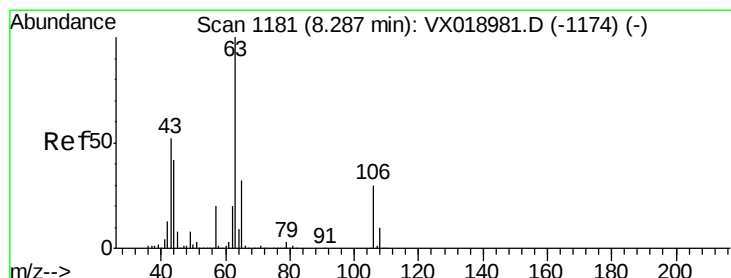
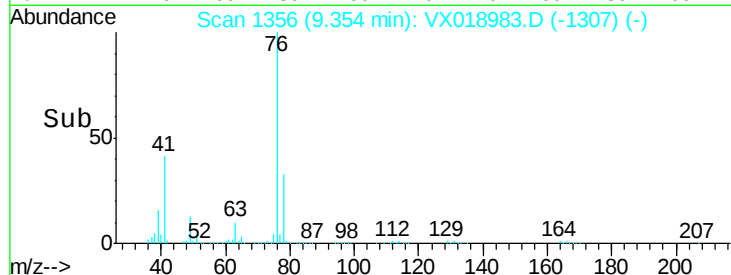
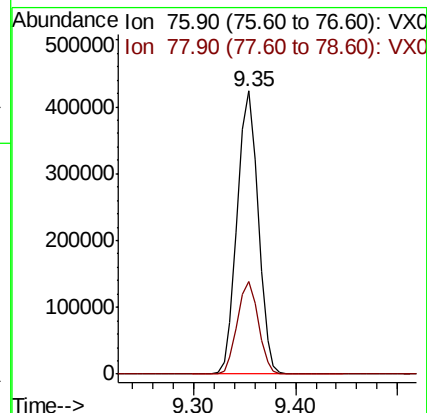
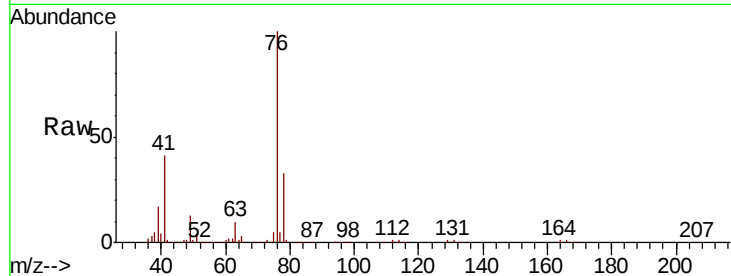
VSTDIC150

Tot Ion: 76 Resp: 602009

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 761.556 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.01 min

Lab File: VX018983.D

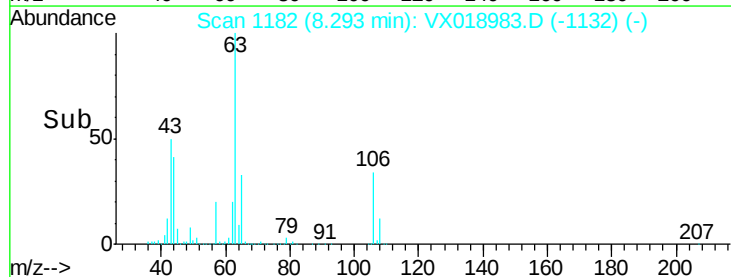
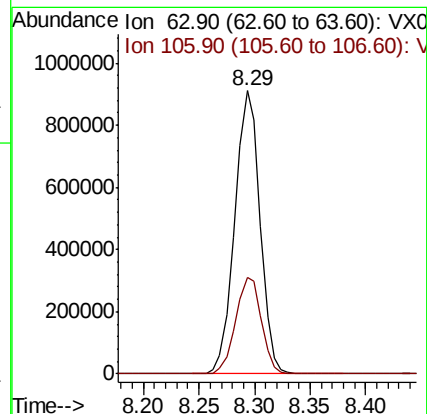
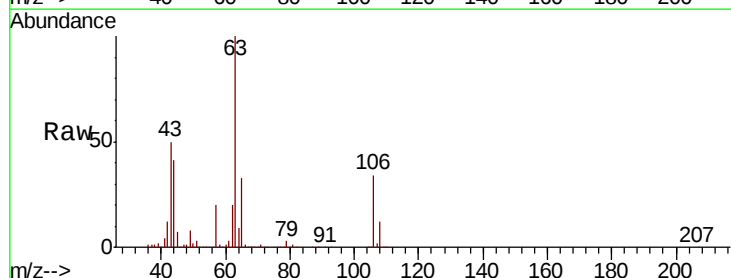
Acq: 20 Oct 2020 18:28

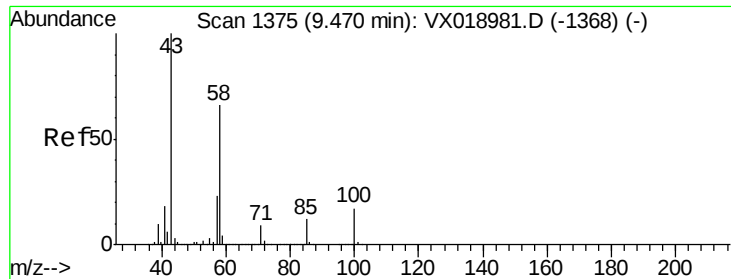
Tgt Ion: 63 Resp: 1426715

Ion Ratio Lower Upper

63 100

106 34.8 25.0 37.4

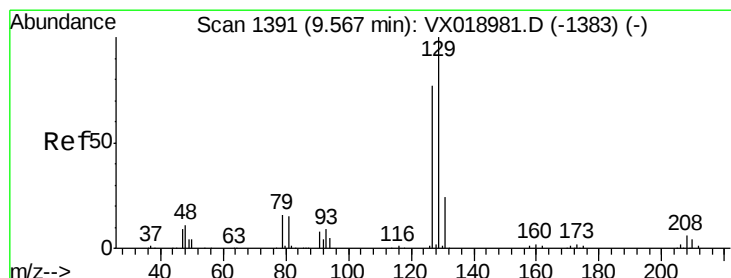
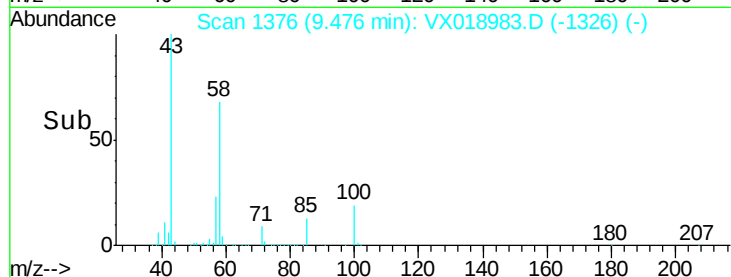
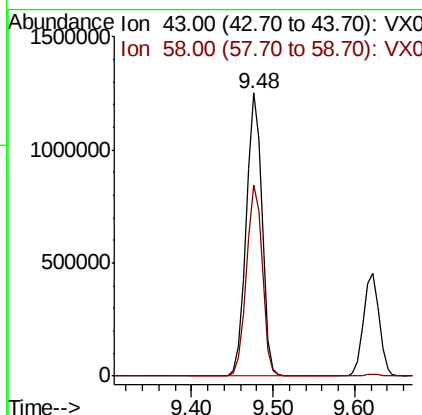
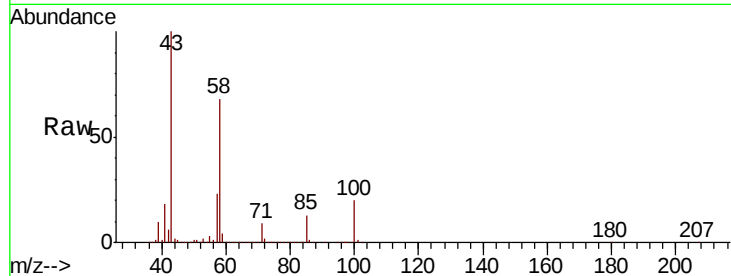




#59
2-Hexanone
Concen: 758.796 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

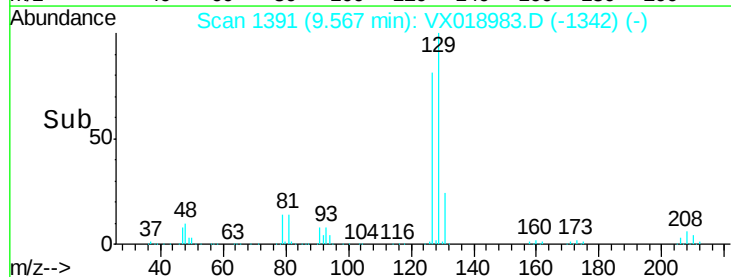
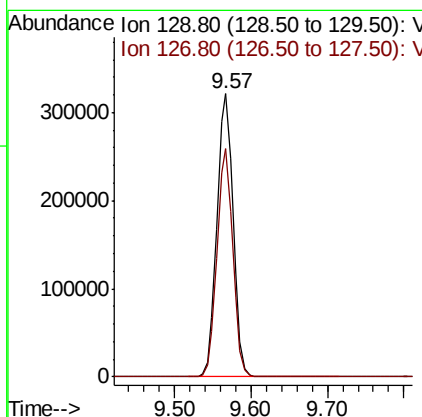
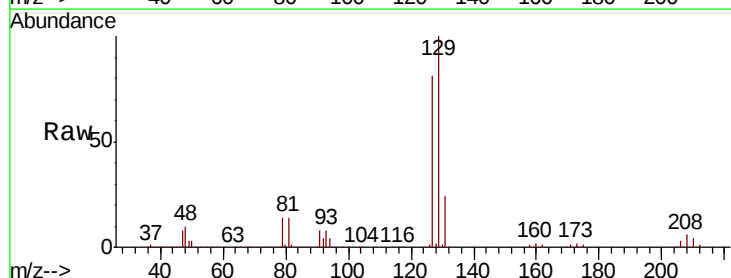
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

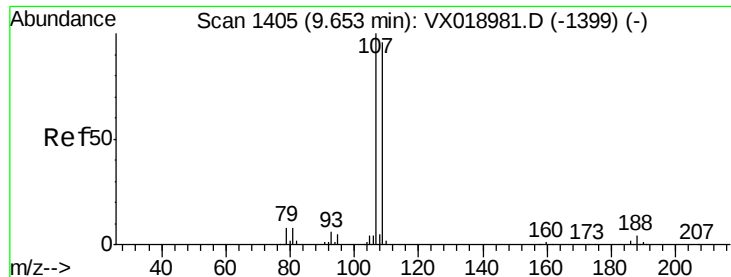
Tot Ion: 43 Resp: 1667594
Ion Ratio Lower Upper
43 100
58 68.1 33.0 99.0



#60
Dibromochloromethane
Concen: 170.212 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion: 129 Resp: 470824
Ion Ratio Lower Upper
129 100
127 78.4 38.8 116.4





#61

1,2-Dibromoethane

Concen: 162.792 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

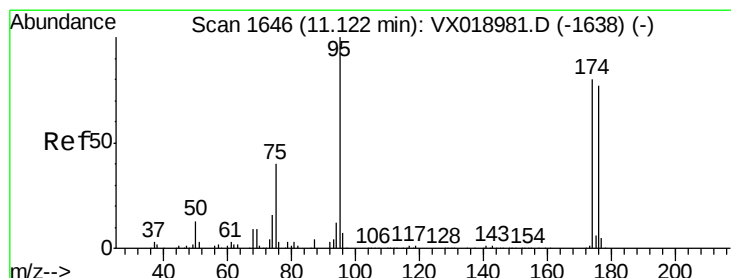
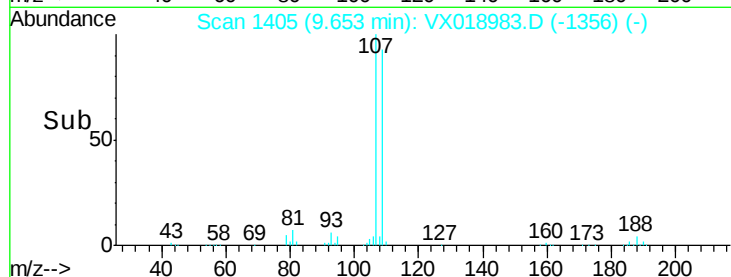
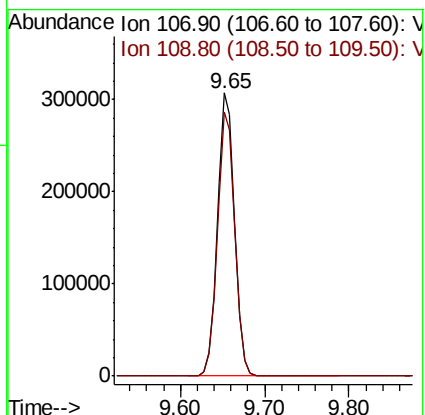
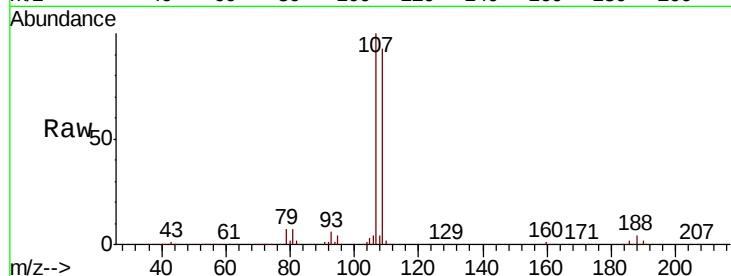
VSTDIC150

Tot Ion:107 Resp: 430011

Ion Ratio Lower Upper

107 100

109 94.6 76.6 115.0



#62

4-Bromofluorobenzene

Concen: 164.232 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

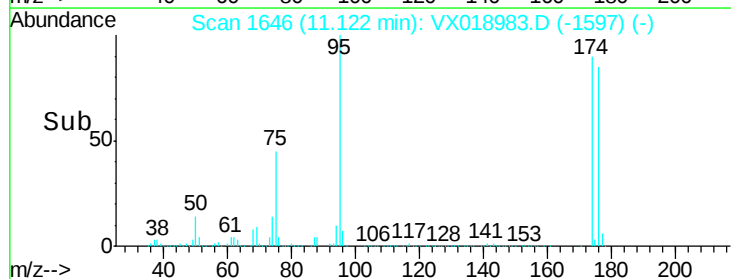
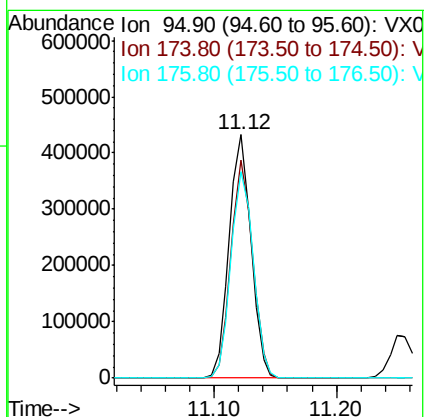
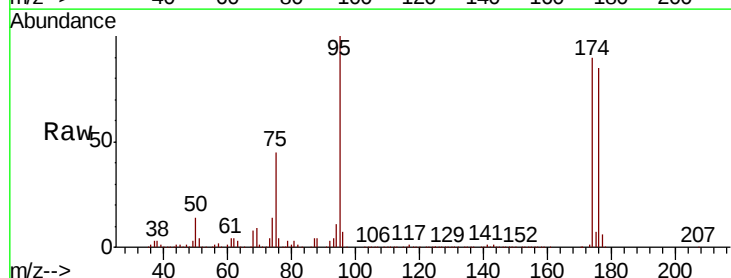
Tgt Ion: 95 Resp: 533503

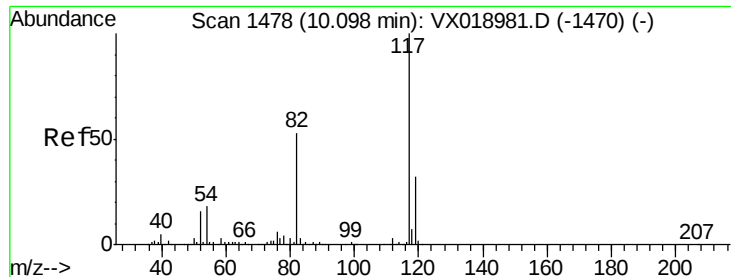
Ion Ratio Lower Upper

95 100

174 88.9 0.0 159.8

176 86.7 0.0 152.8

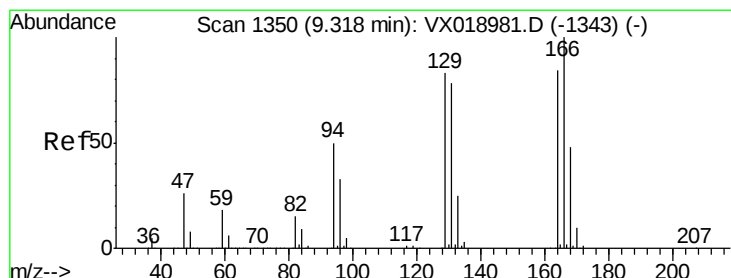
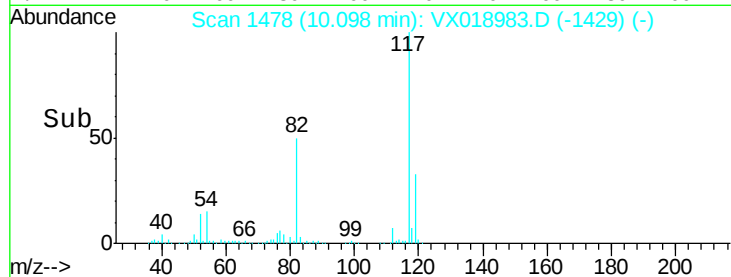
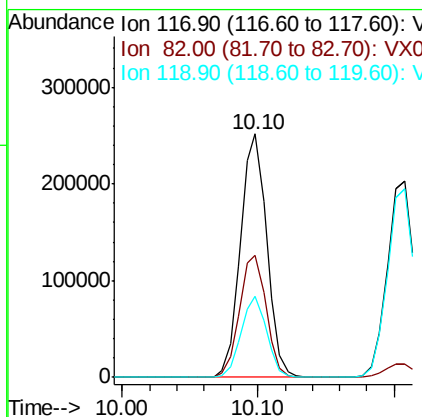
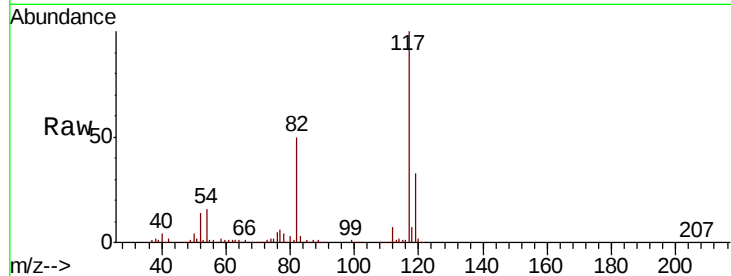




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

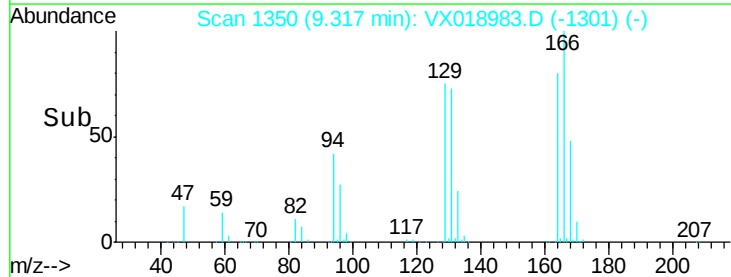
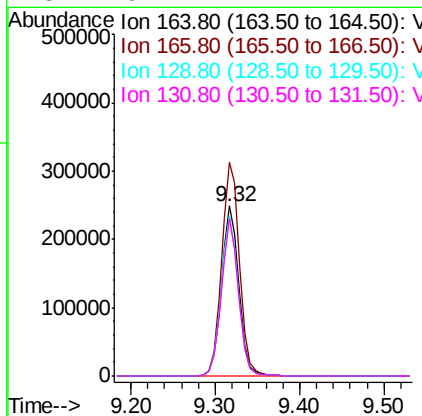
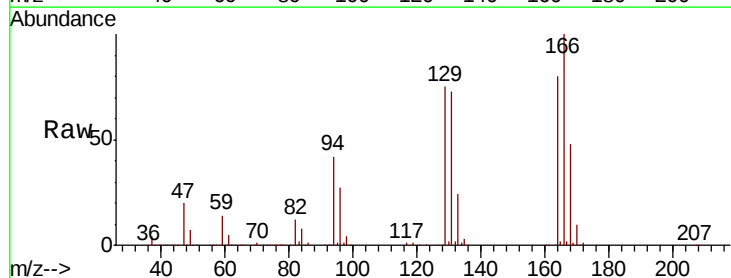
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

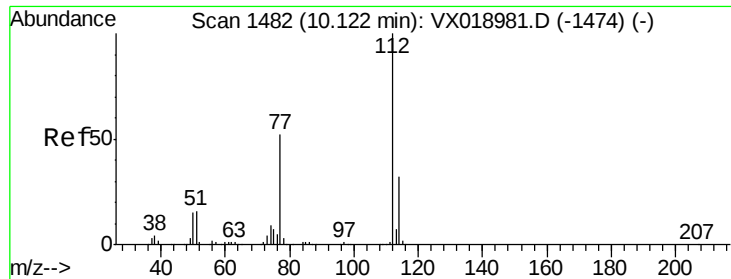
Tot Ion	Ratio	Lower	Upper
117	100		
82	50.1	42.2	63.4
119	33.3	25.8	38.8



#64
Tetrachloroethene
Concen: 128.500 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	95.2	142.8
129	94.3	79.4	119.0
131	92.2	74.2	111.2





#65

Chlorobenzene

Concen: 151.015 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

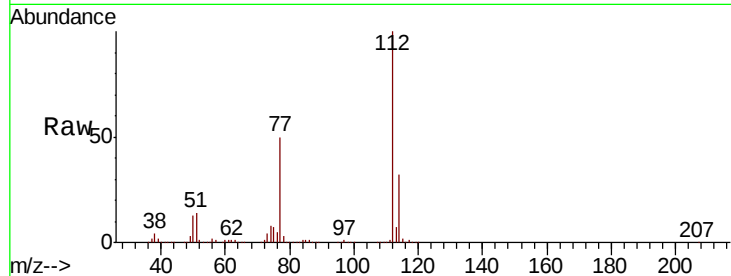
VSTDIC150

Tot Ion:112 Resp: 1086944

Ion Ratio Lower Upper

112 100

114 31.9 25.8 38.6



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

800000

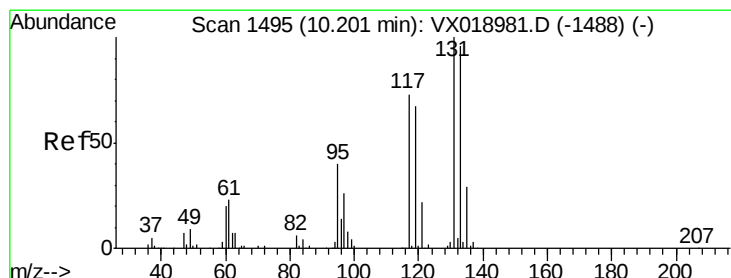
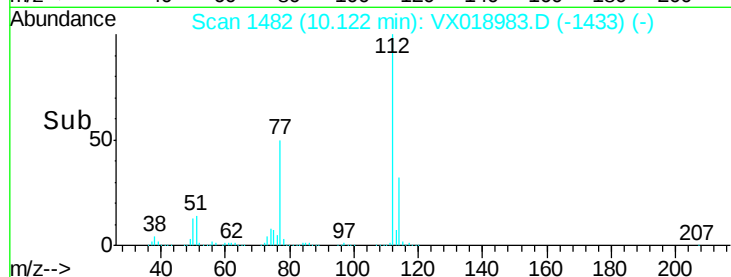
600000

400000

200000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 159.082 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

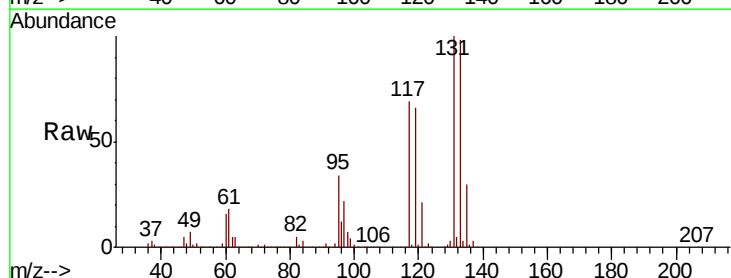
Tgt Ion:131 Resp: 414834

Ion Ratio Lower Upper

131 100

133 93.1 48.0 144.2

119 65.4 33.6 100.6



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

10.21

400000

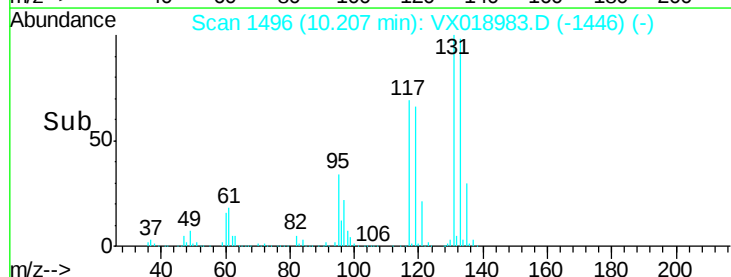
300000

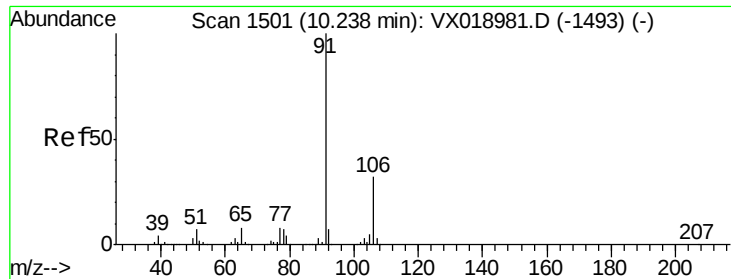
200000

100000

0

Time--> 10.10 10.20 10.30

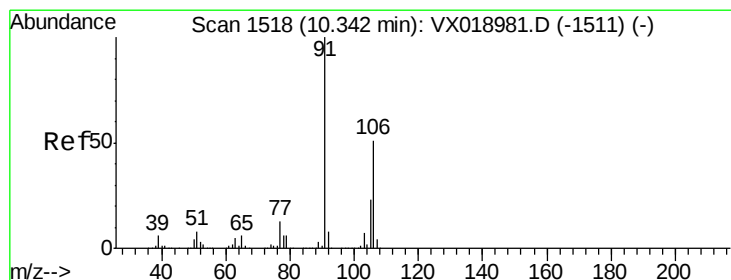
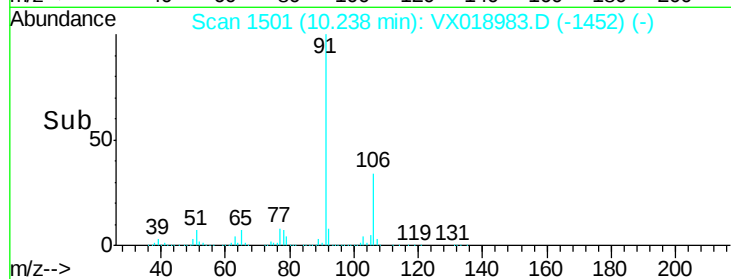
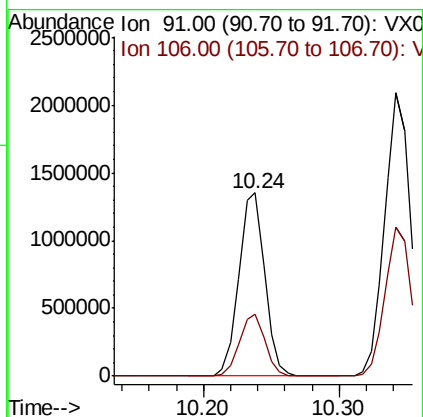
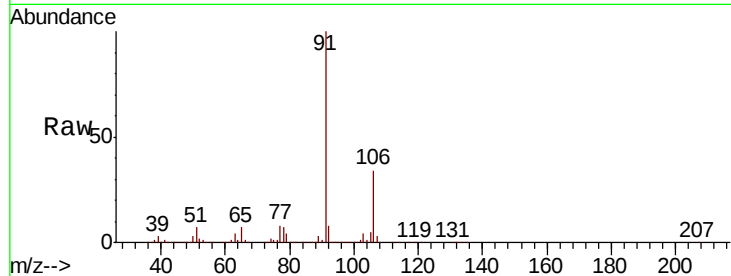




#67
Ethyl Benzene
Concen: 142.454 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

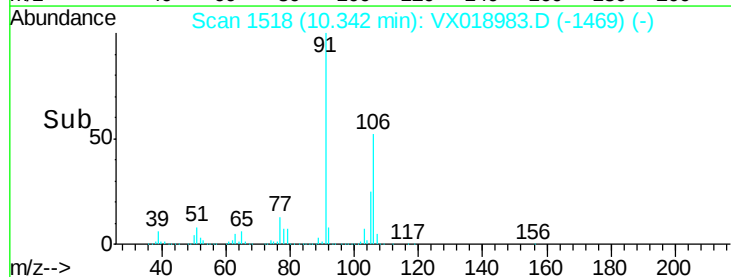
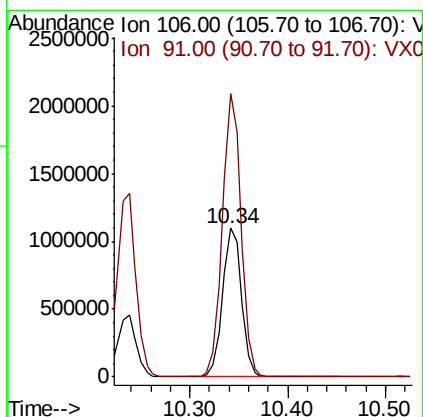
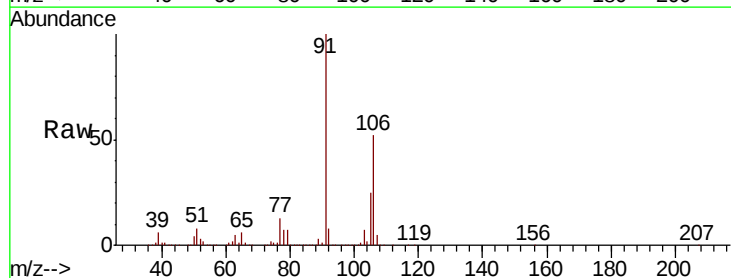
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

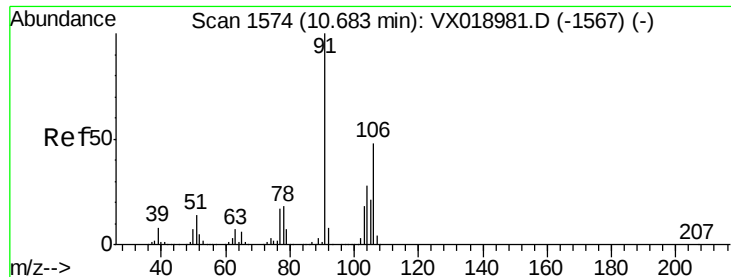
Tot Ion: 91 Resp: 1796067
Ion Ratio Lower Upper
91 100
106 34.0 25.8 38.8



#68
m/p-Xylenes
Concen: 298.453 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion: 106 Resp: 1469168
Ion Ratio Lower Upper
106 100
91 188.4 157.9 236.9

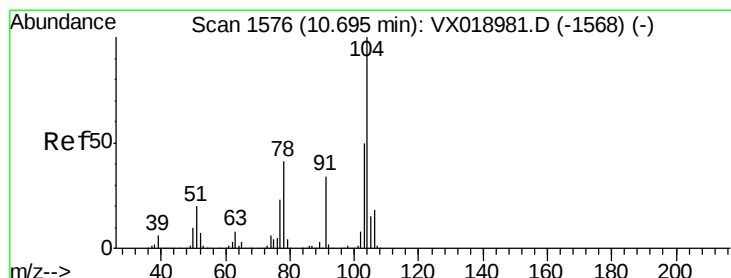
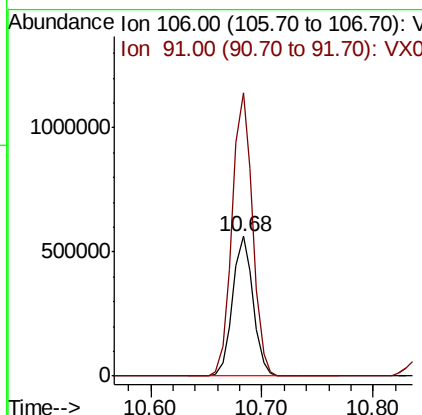
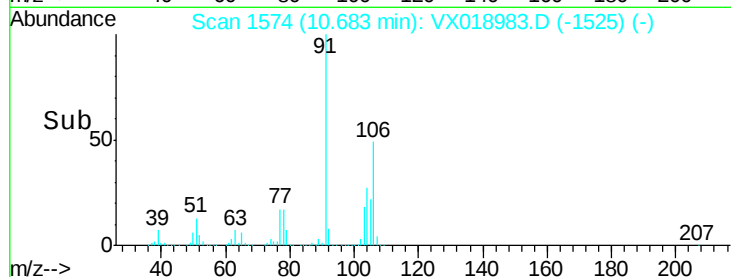
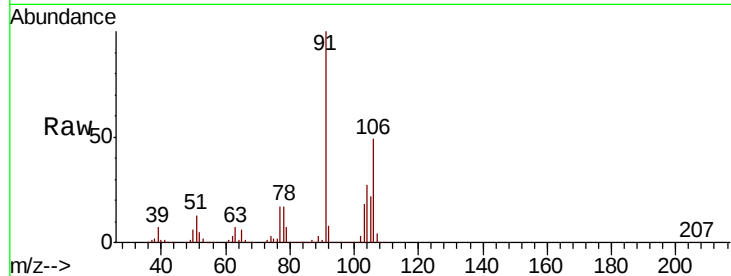




#69
o-Xylene
Concen: 152.748 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

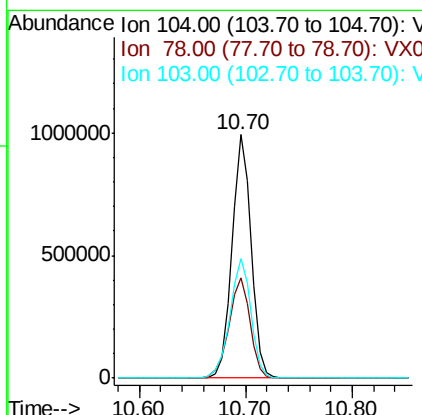
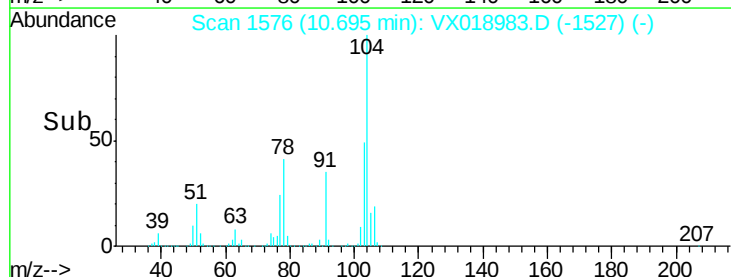
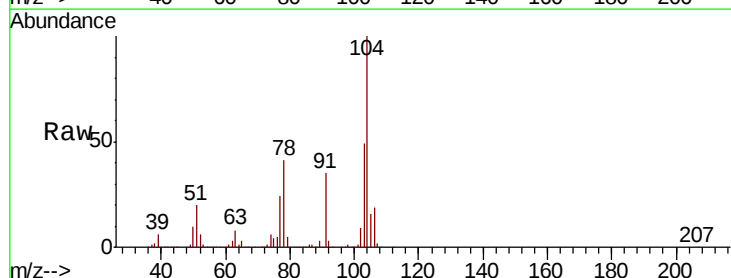
Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

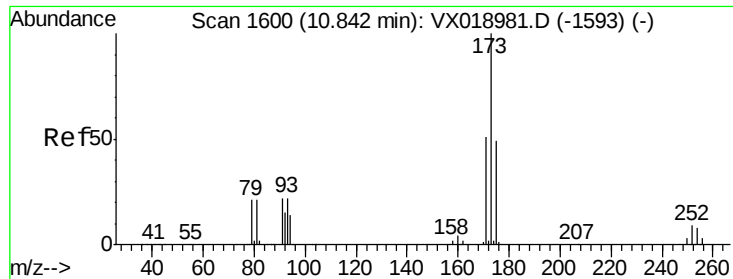
Tot Ion:106 Resp: 711448
Ion Ratio Lower Upper
106 100
91 203.1 105.5 316.5



#70
Styrene
Concen: 157.219 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion:104 Resp: 1250206
Ion Ratio Lower Upper
104 100
78 45.5 37.4 56.0
103 53.9 43.7 65.5





#71

Bromoform

Concen: 190.105 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

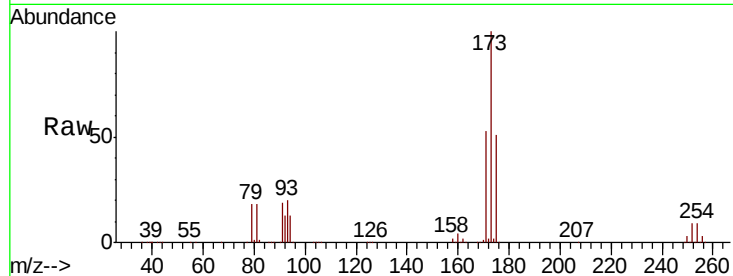
Tot Ion:173 Resp: 401640

Ion Ratio Lower Upper

173 100

175 48.7 24.8 74.4

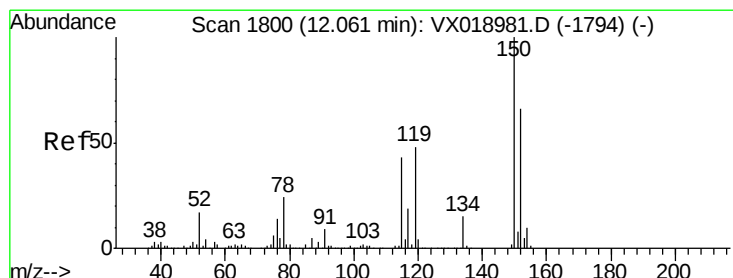
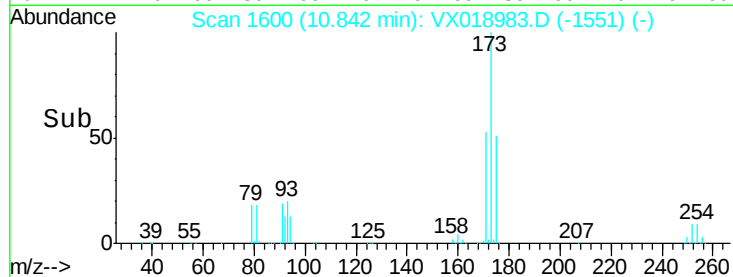
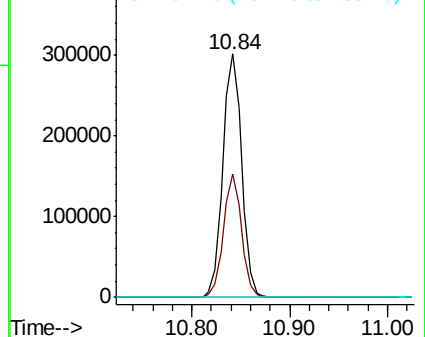
254 0.1 0.1 0.1#



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: VX018983.D

Acq: 20 Oct 2020 18:28

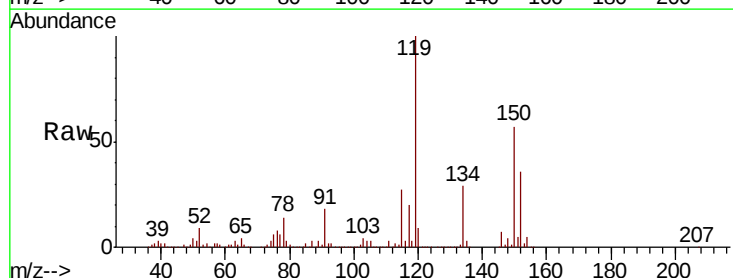
Tgt Ion:152 Resp: 203462

Ion Ratio Lower Upper

152 100

115 122.8 41.2 123.6

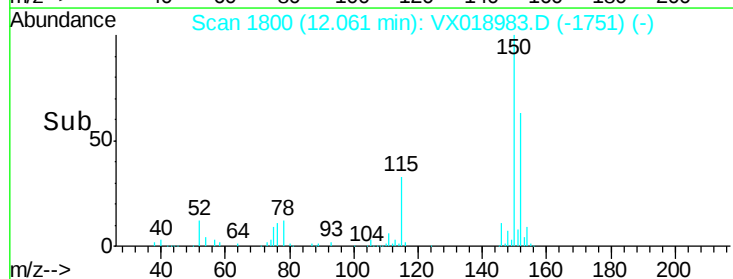
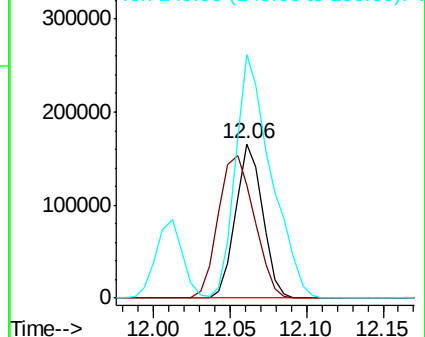
150 207.8 0.0 345.6

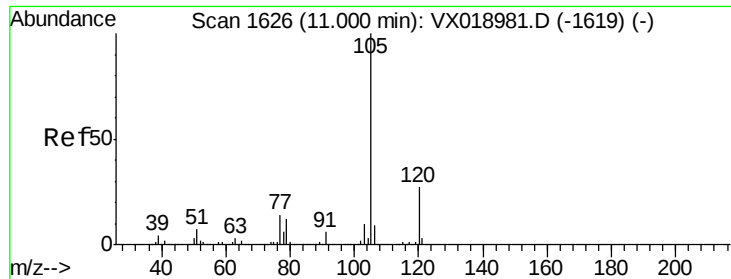


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 131.804 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

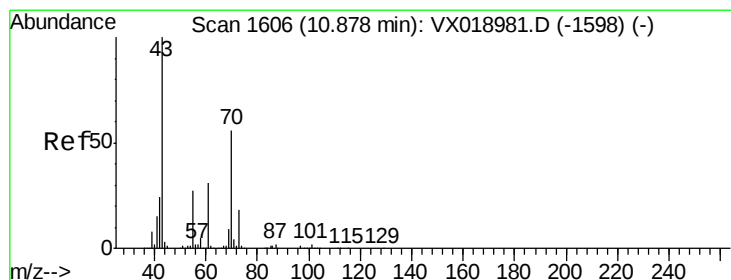
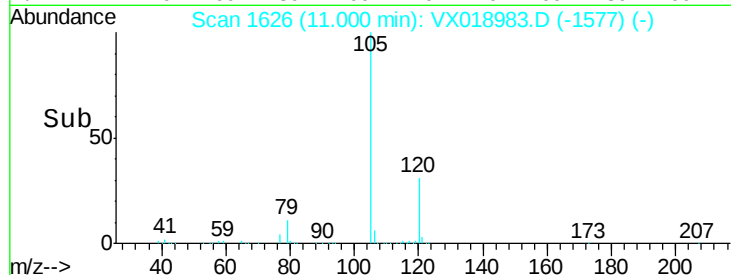
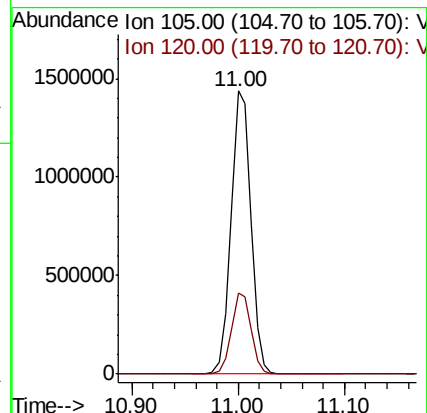
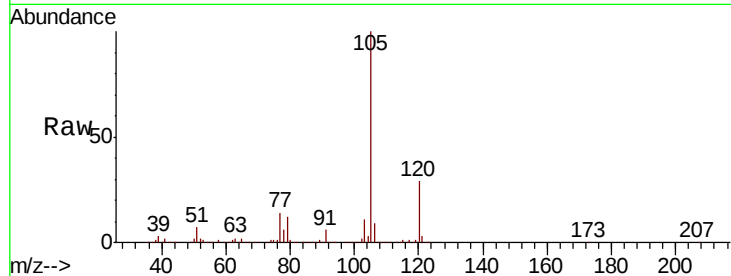
VSTDIC150

Tot Ion:105 Resp: 1879775

Ion Ratio Lower Upper

105 100

120 28.4 13.6 40.7



#74

N-ethyl acetate

Concen: 127.533 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Tgt Ion: 43 Resp: 626899

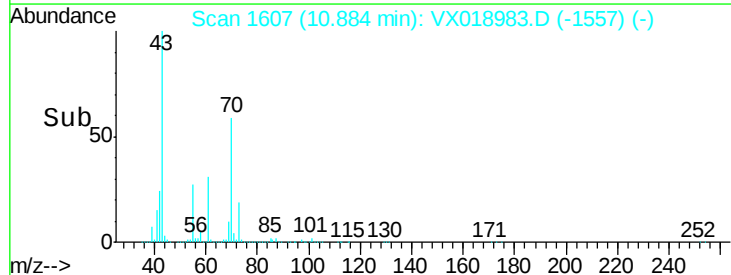
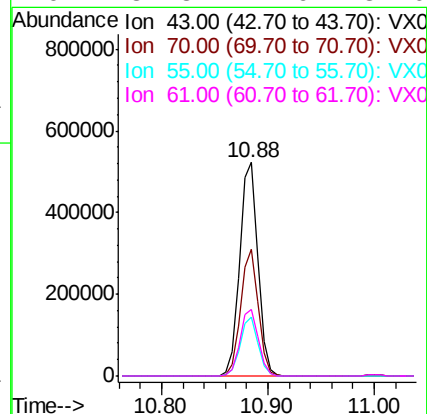
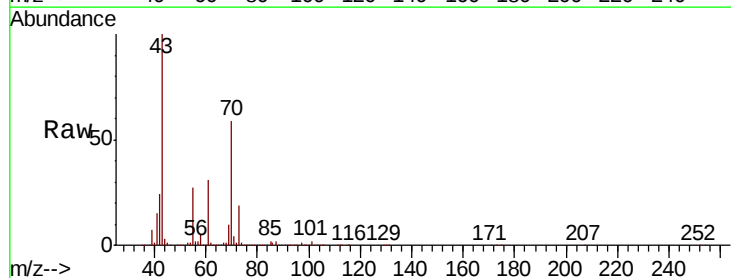
Ion Ratio Lower Upper

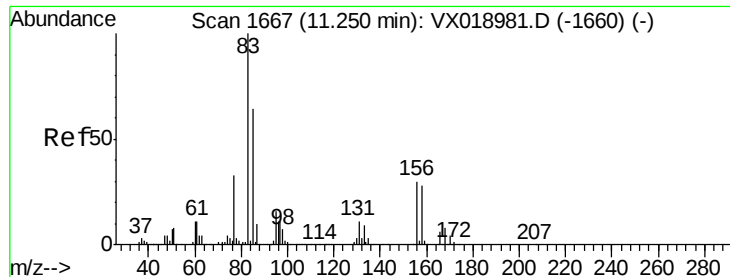
43 100

70 57.4 45.9 68.9

55 27.2 21.9 32.9

61 31.3 24.6 37.0





#75

1,1,2,2-Tetrachloroethane

Concen: 139.868 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

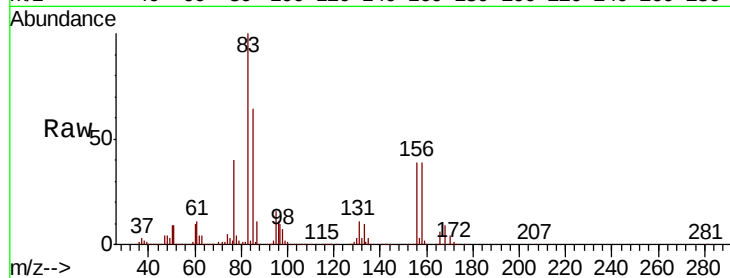
Tot Ion: 83 Resp: 638760

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

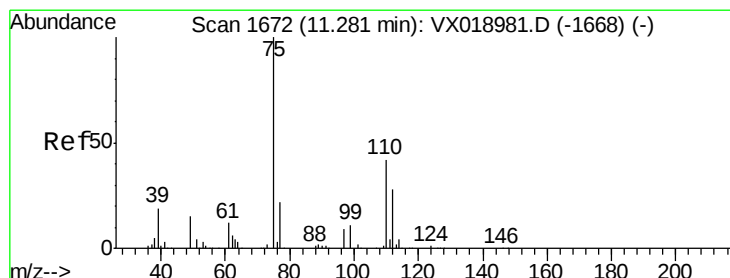
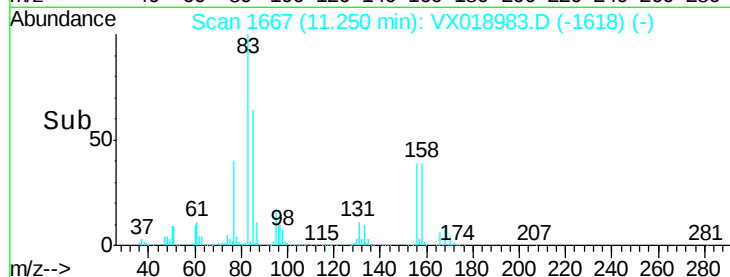
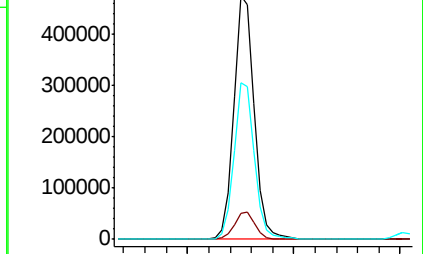
85 64.6 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 178.166 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018983.D

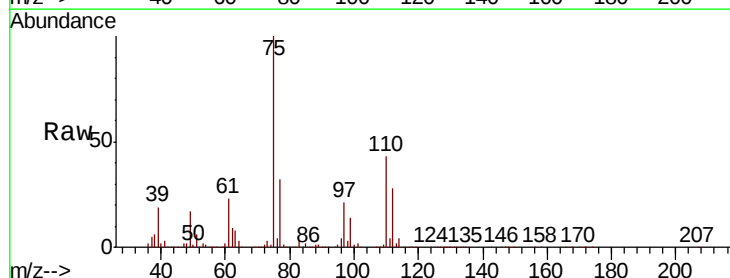
Acq: 20 Oct 2020 18:28

Tgt Ion: 75 Resp: 736259

Ion Ratio Lower Upper

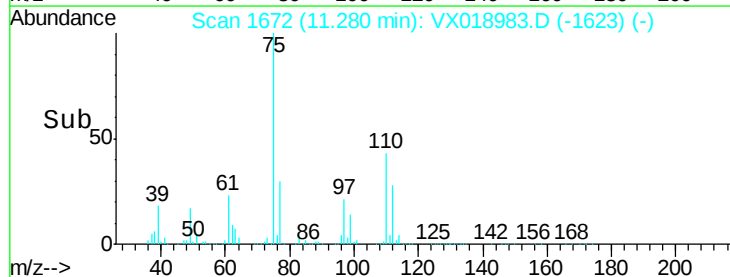
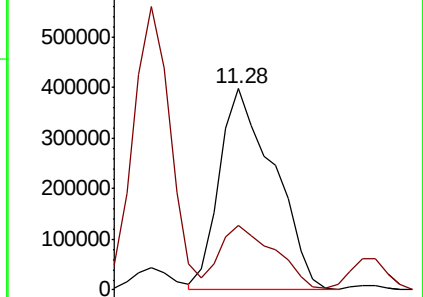
75 100

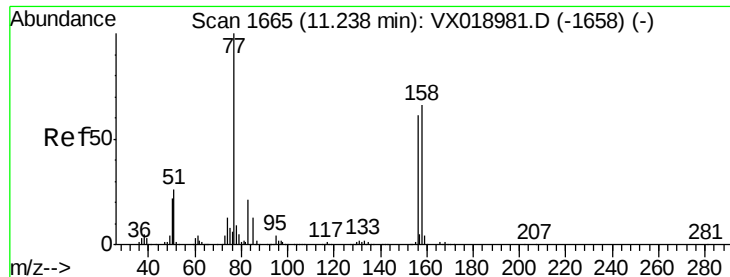
77 32.5 20.6 61.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 152.585 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

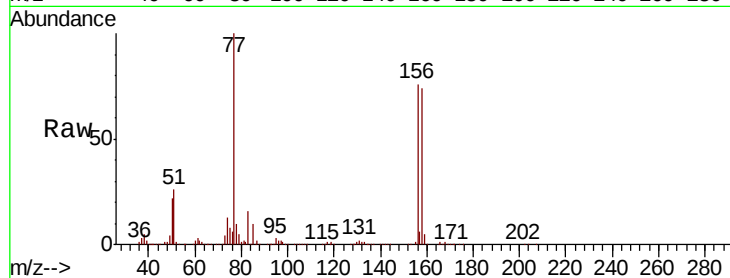
Tot Ion:156 Resp: 540964

Ion Ratio Lower Upper

156 100

77 131.2 78.5 235.3

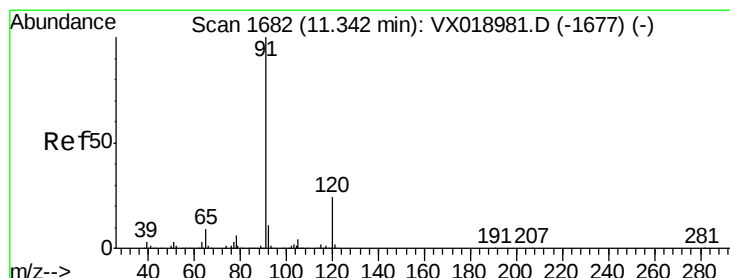
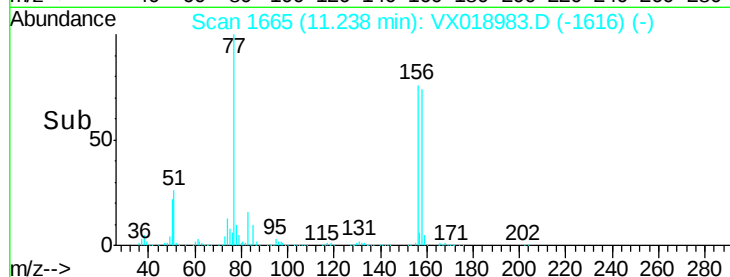
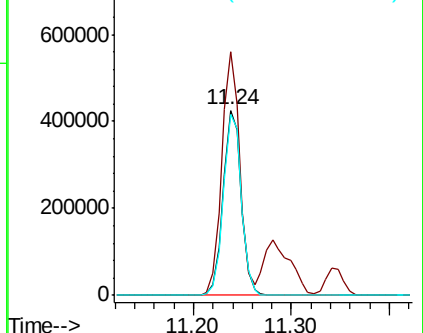
158 98.2 50.2 150.6



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: 127.126 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX018983.D

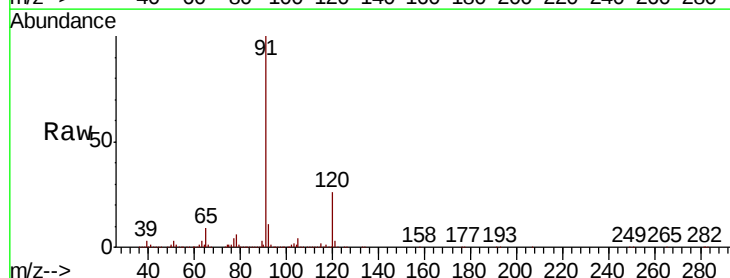
Acq: 20 Oct 2020 18:28

Tgt Ion: 91 Resp: 2086732

Ion Ratio Lower Upper

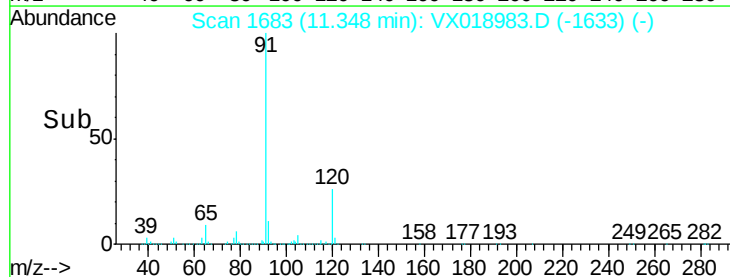
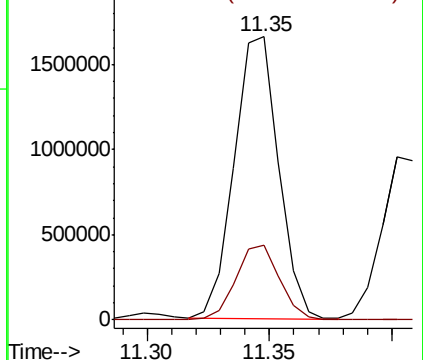
91 100

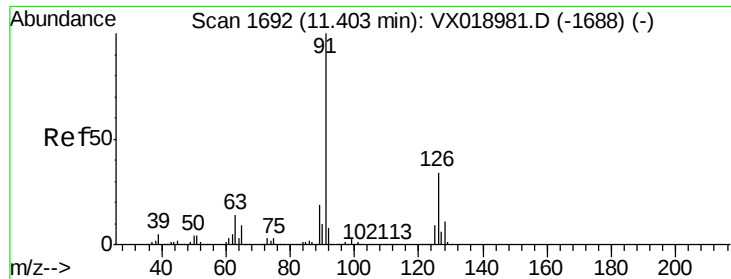
120 26.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

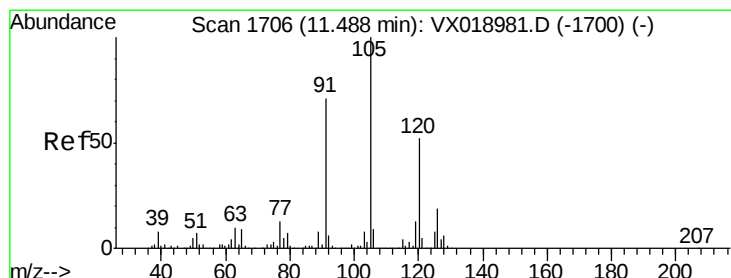
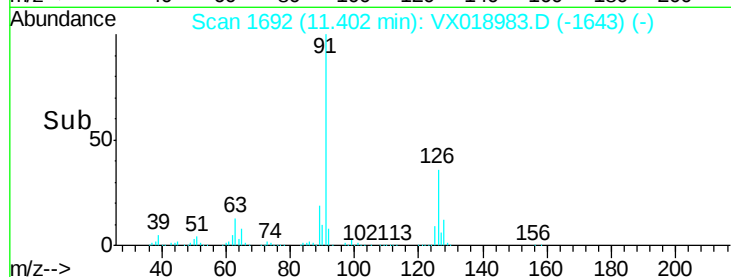
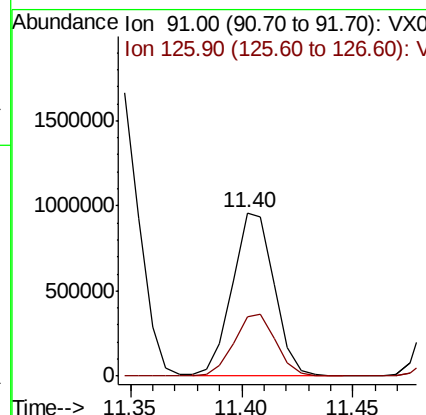
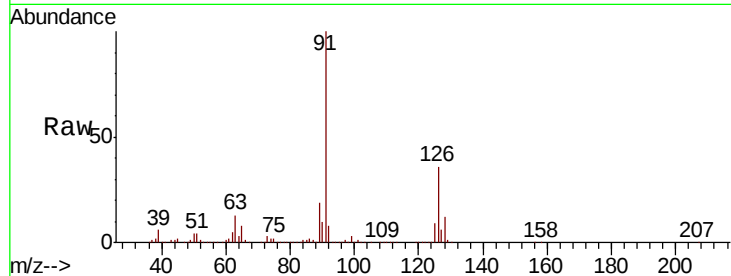




#79
 2-Chlorotoluene
 Concen: 130.063 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

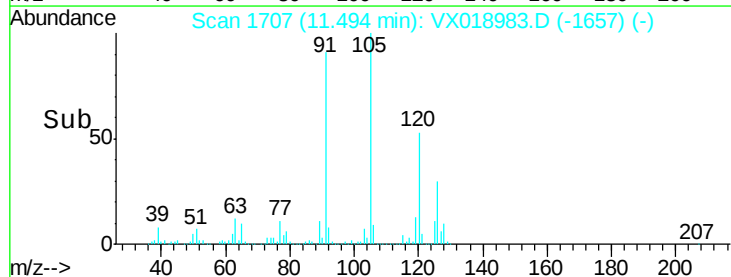
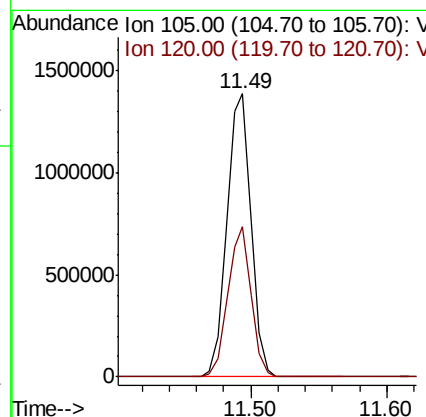
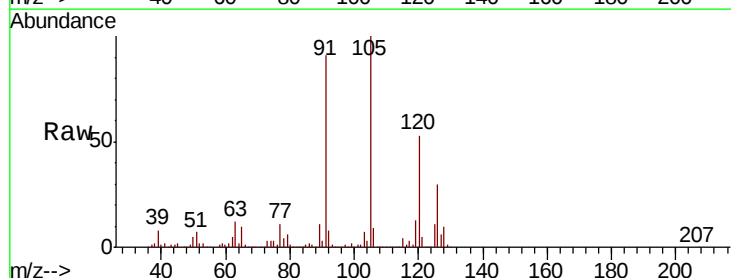
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

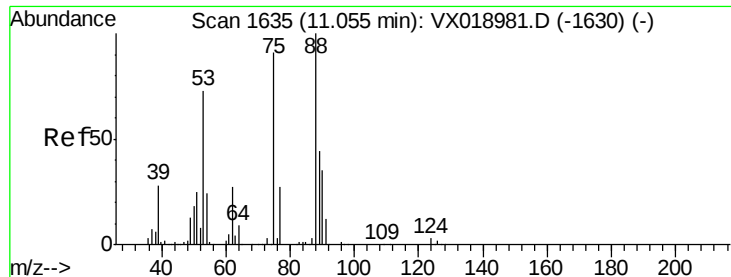
Tot Ion: 91 Resp: 1248820
 Ion Ratio Lower Upper
 91 100
 126 37.7 18.0 54.0



#80
 1,3,5-Trimethylbenzene
 Concen: 139.431 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Tgt Ion: 105 Resp: 1687825
 Ion Ratio Lower Upper
 105 100
 120 51.1 25.3 75.8





#81

trans-1,4-Dichloro-2-butene

Concen: 137.374 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

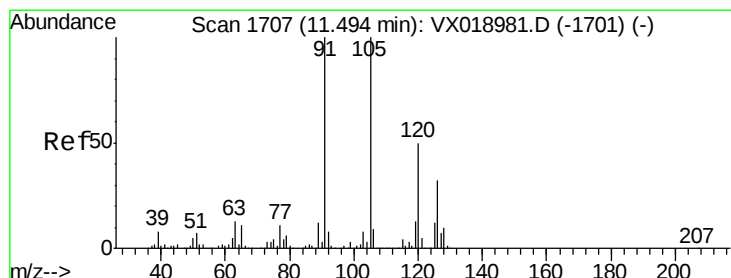
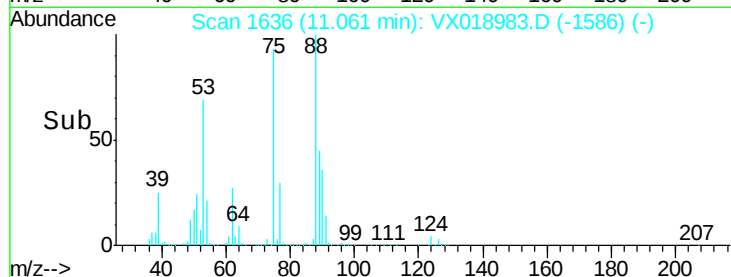
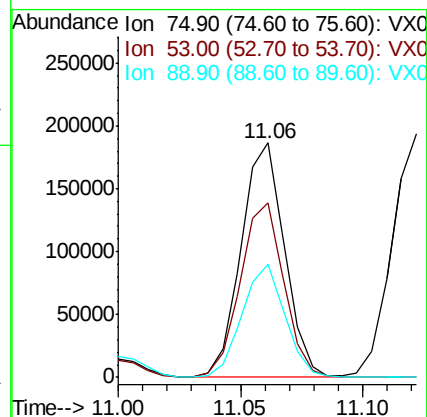
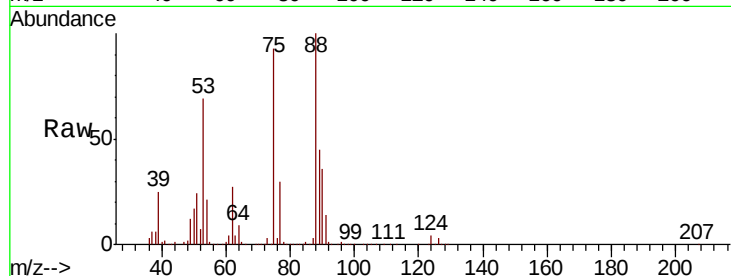
Tot Ion: 75 Resp: 228321

Ion Ratio Lower Upper

75 100

53 74.9 63.9 95.9

89 48.0 39.9 59.9



#82

4-Chlorotoluene

Concen: 133.060 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018983.D

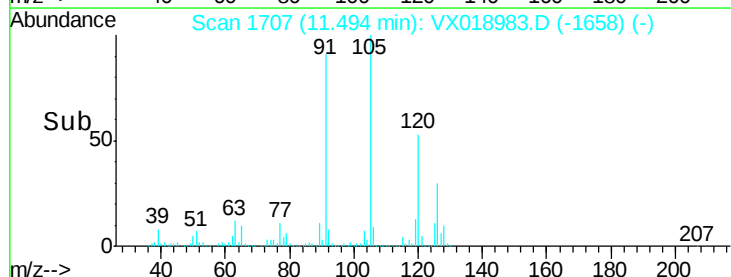
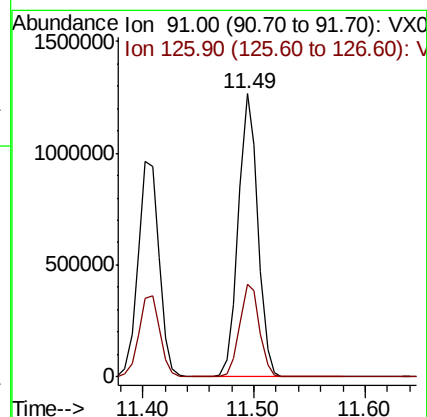
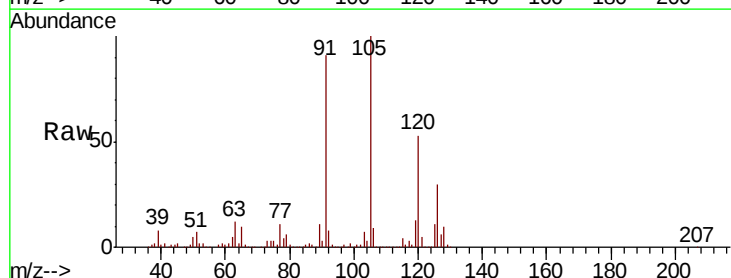
Acq: 20 Oct 2020 18:28

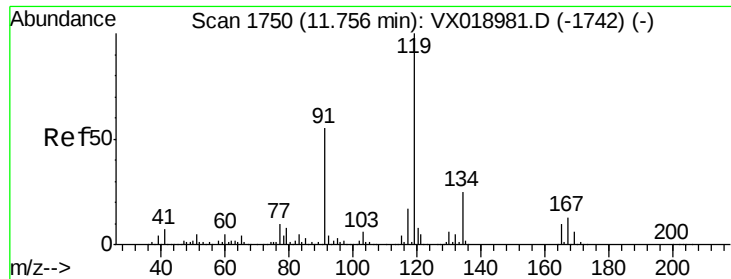
Tgt Ion: 91 Resp: 1530549

Ion Ratio Lower Upper

91 100

126 33.2 15.9 47.6

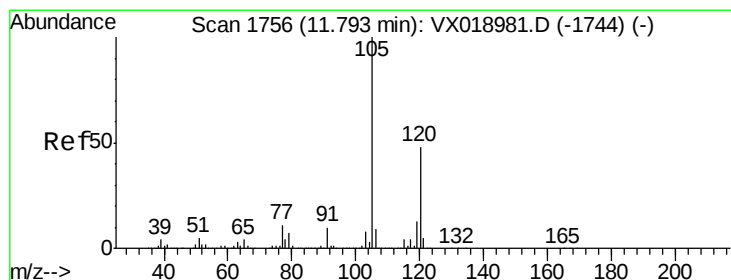
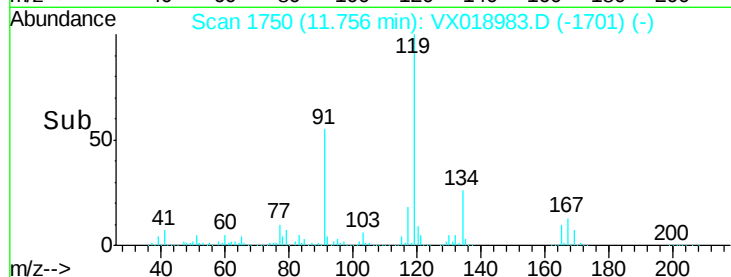
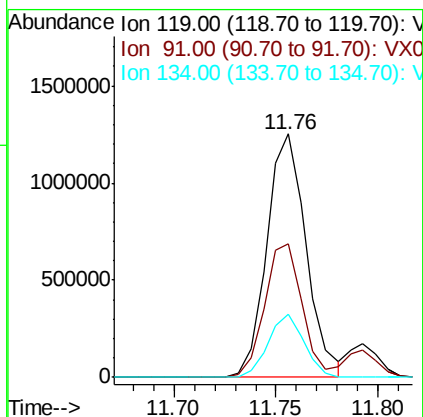
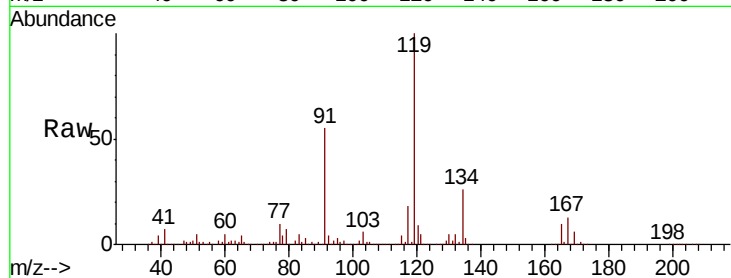




#83
 tert-Butylbenzene
 Concen: 141.734 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

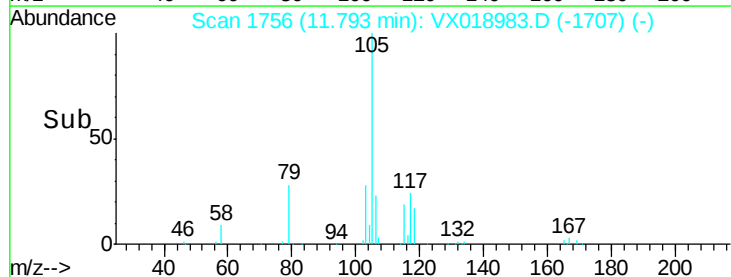
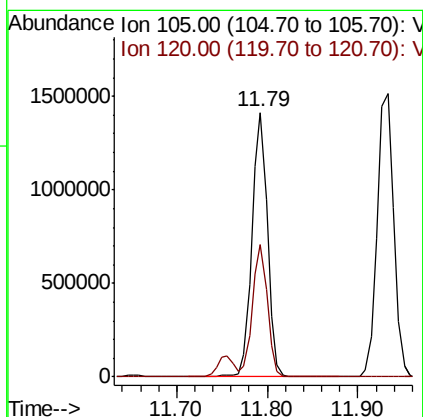
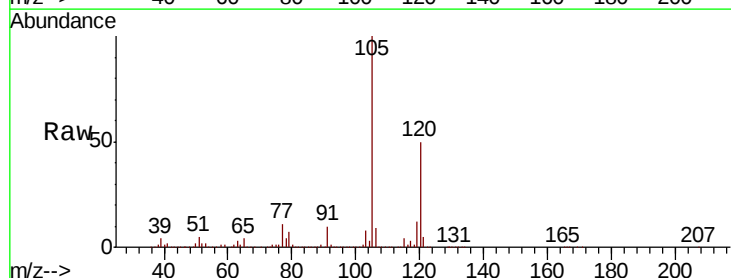
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

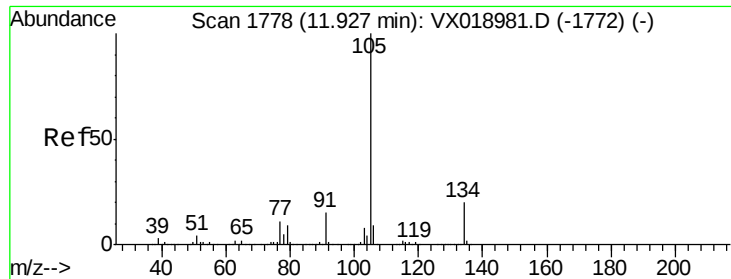
Tot Ion:119 Resp: 1679136
 Ion Ratio Lower Upper
 119 100
 91 52.1 27.5 82.4
 134 23.9 11.9 35.7



#84
 1,2,4-Trimethylbenzene
 Concen: 136.650 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Tgt Ion:105 Resp: 1662046
 Ion Ratio Lower Upper
 105 100
 120 48.6 23.3 69.8

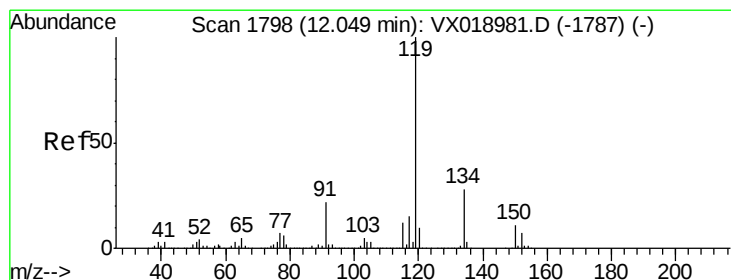
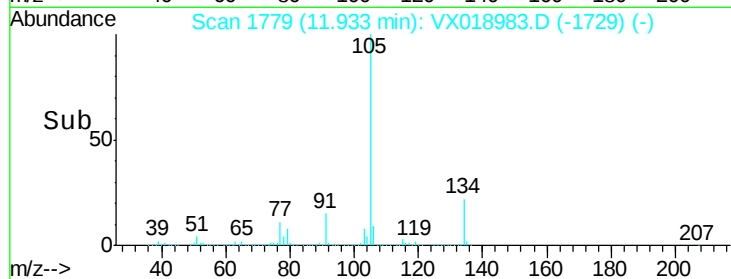
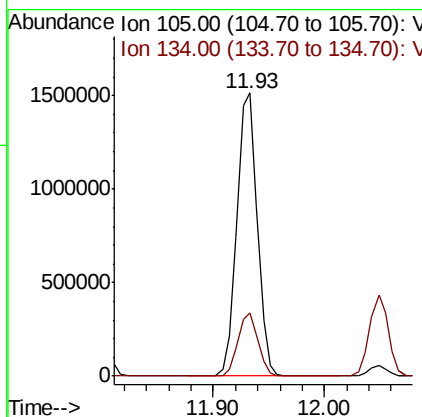
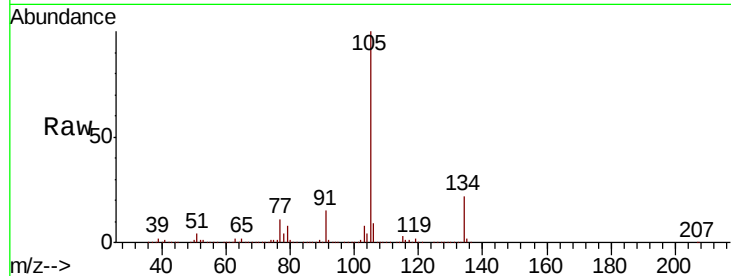




#85
 sec-Butylbenzene
 Concen: 134.597 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

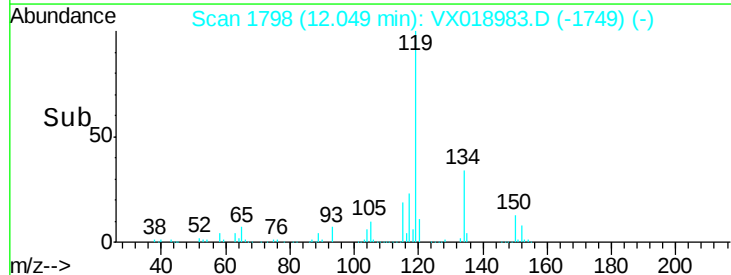
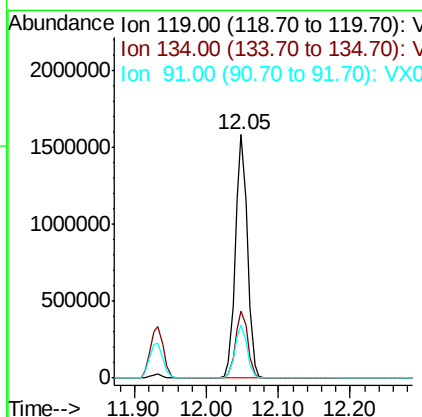
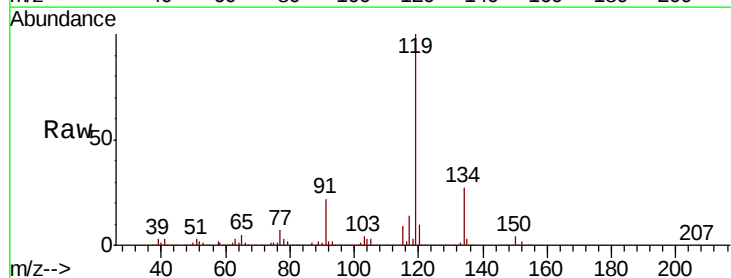
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

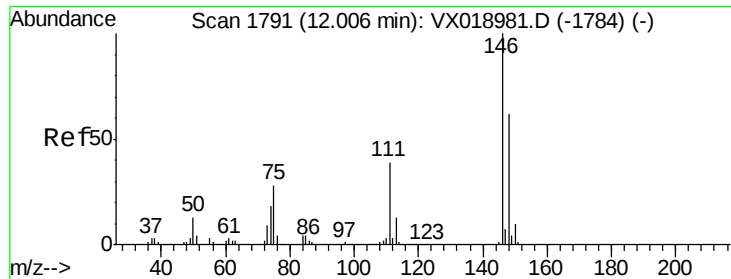
Tot Ion:105 Resp: 1912515
 Ion Ratio Lower Upper
 105 100
 134 22.1 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 140.925 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Tgt Ion:119 Resp: 1847836
 Ion Ratio Lower Upper
 119 100
 134 28.0 13.5 40.5
 91 21.8 11.0 33.0

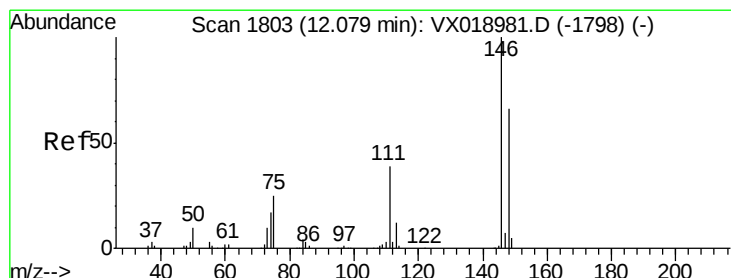
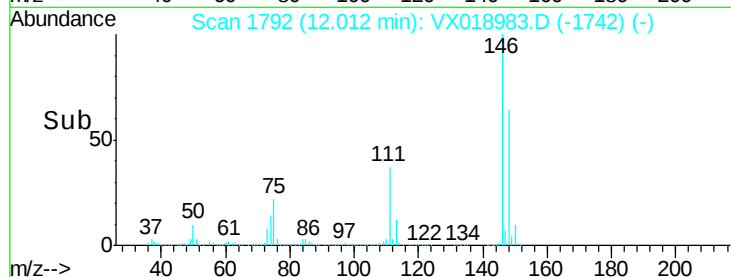
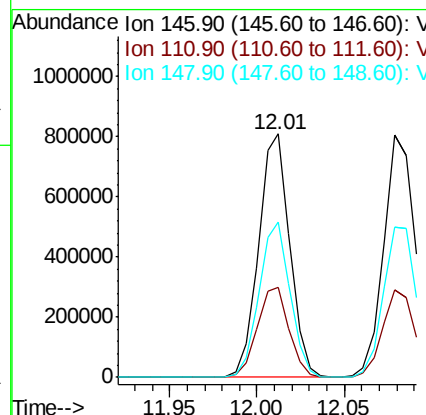
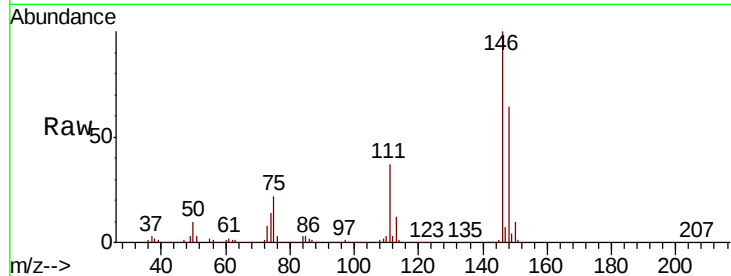




#87
 1,3-Dichlorobenzene
 Concen: 151.533 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

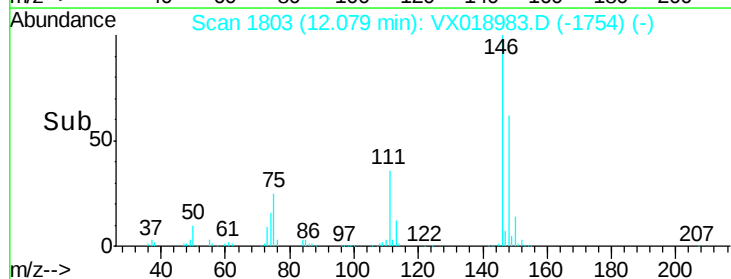
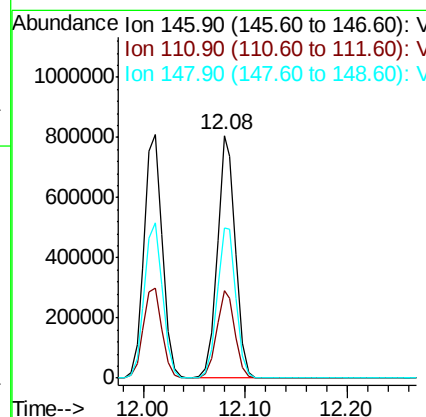
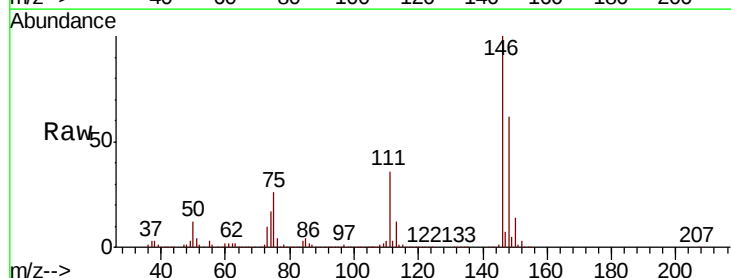
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

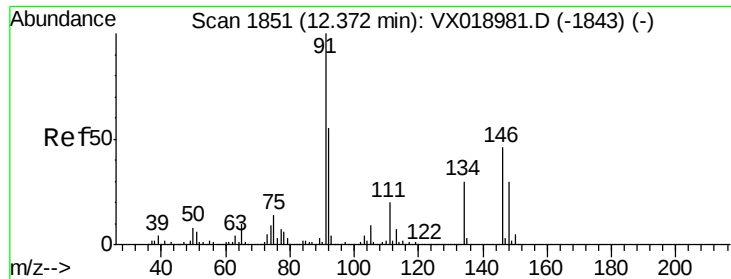
Tot Ion:146 Resp: 998500
 Ion Ratio Lower Upper
 146 100
 111 37.8 19.8 59.4
 148 63.5 31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 147.541 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Tgt Ion:146 Resp: 1002392
 Ion Ratio Lower Upper
 146 100
 111 36.5 19.3 57.9
 148 64.7 32.6 98.0

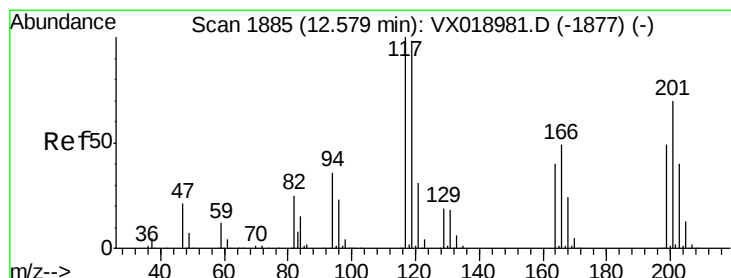
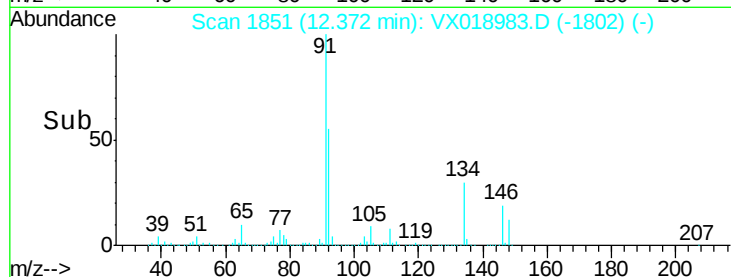
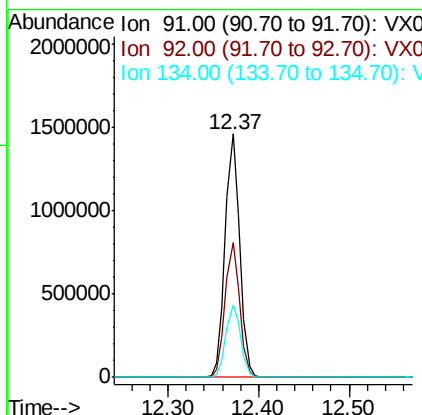
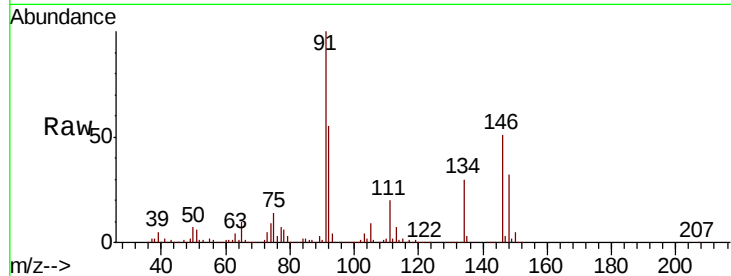




#89
n-Butylbenzene
Concen: 136.704 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

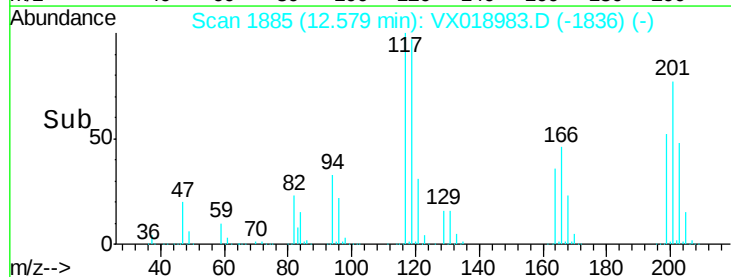
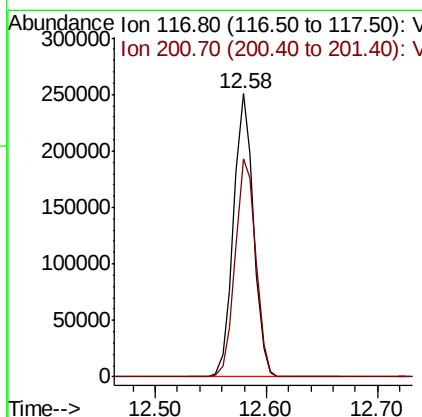
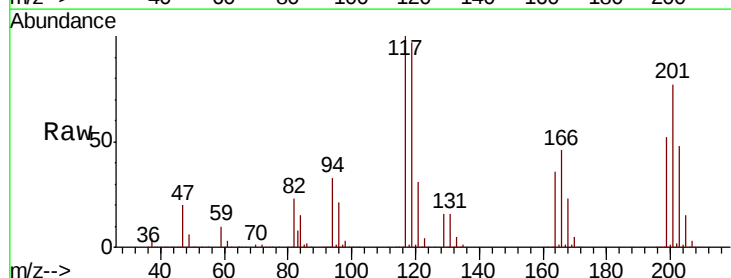
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

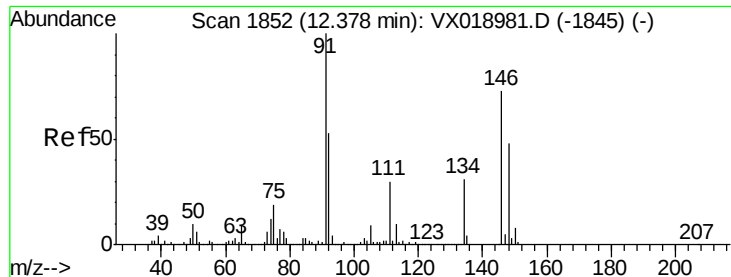
Tot Ion: 91 Resp: 1636071
Ion Ratio Lower Upper
91 100
92 55.1 27.2 81.6
134 30.2 14.2 42.8



#90
Hexachloroethane
Concen: 148.013 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018983.D
Acq: 20 Oct 2020 18:28

Tgt Ion: 117 Resp: 310372
Ion Ratio Lower Upper
117 100
201 79.7 36.1 108.5





#91

1,2-Dichlorobenzene

Concen: 155.044 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

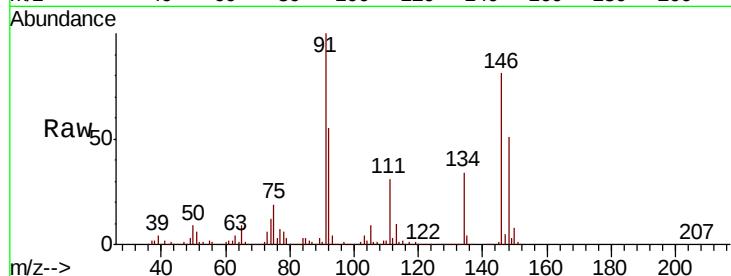
Tot Ion:146 Resp: 987667

Ion Ratio Lower Upper

146 100

111 39.1 20.8 62.5

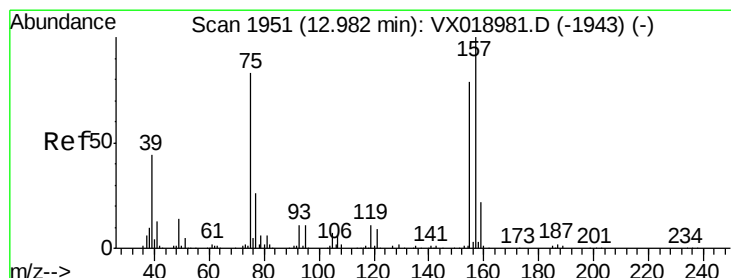
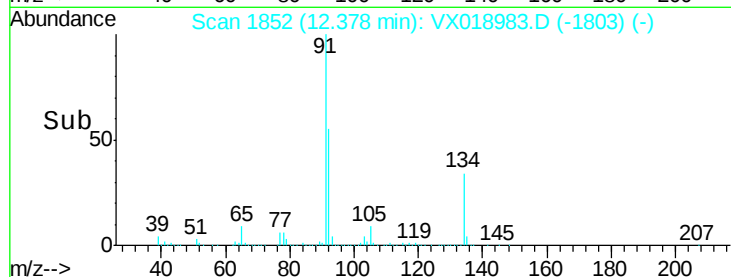
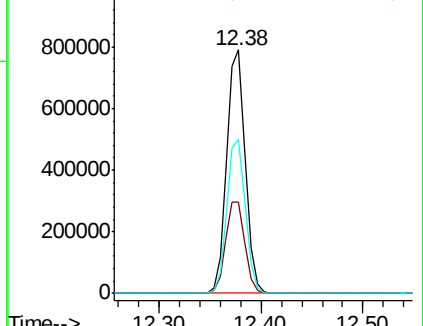
148 63.3 32.5 97.4



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: 145.331 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

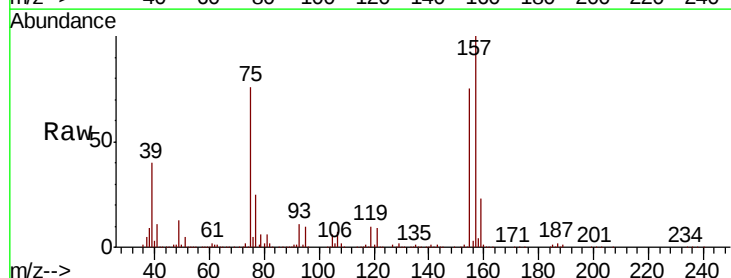
Tgt Ion: 75 Resp: 152561

Ion Ratio Lower Upper

75 100

155 103.6 47.6 142.9

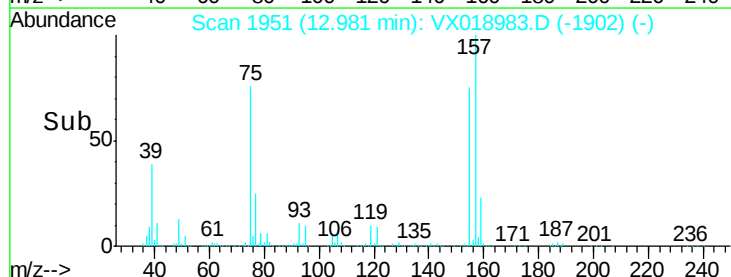
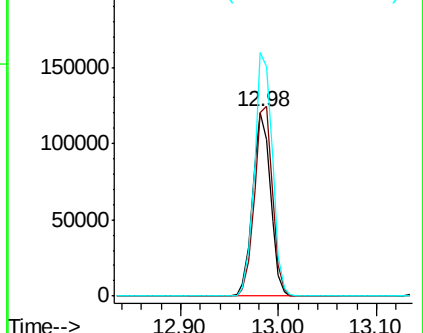
157 132.8 62.7 188.1

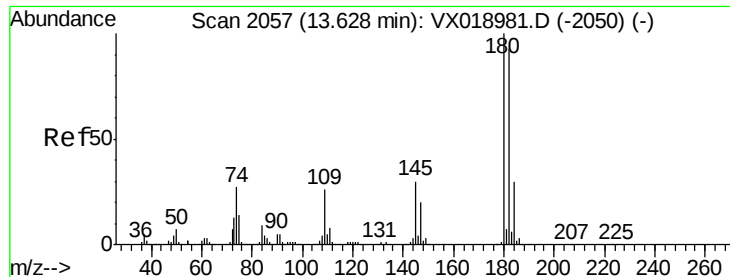


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

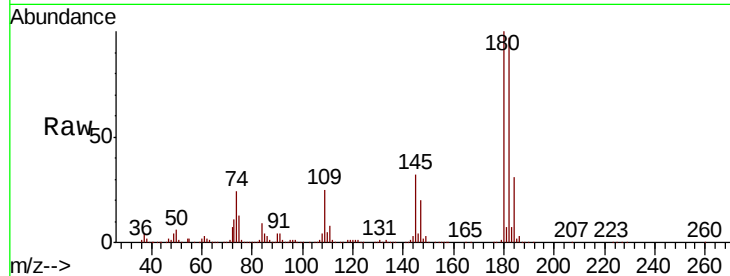




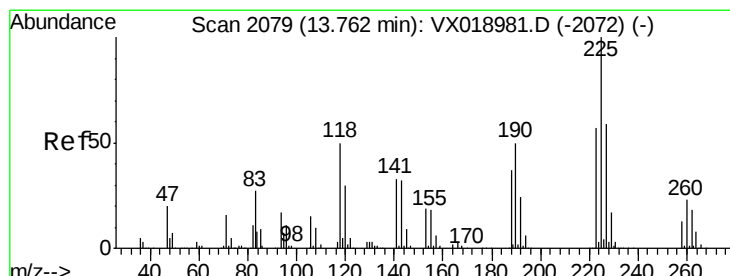
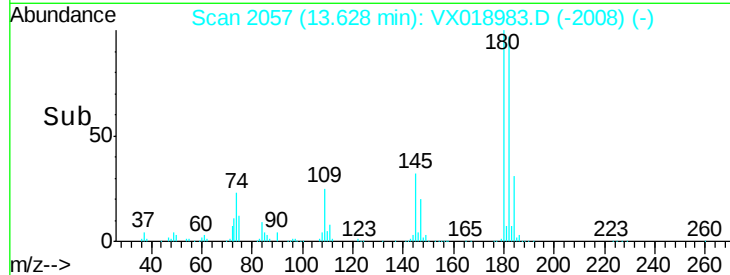
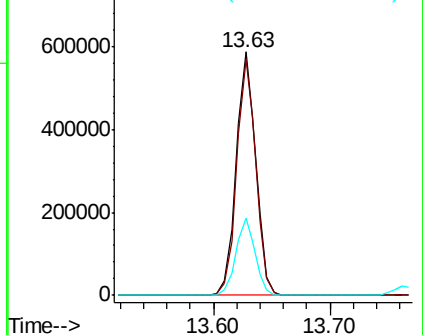
#93
 1,2,4-Trichlorobenzene
 Concen: 157.848 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.6	46.6	139.7
145	30.8	15.7	47.1

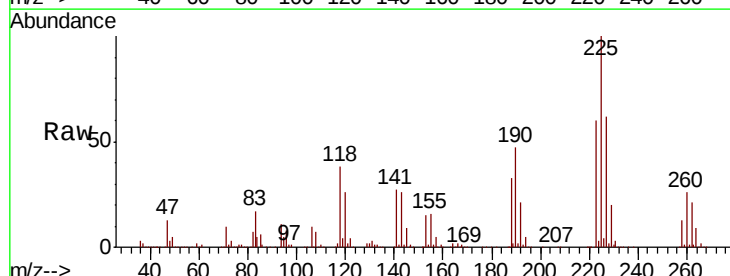


Abundance Ion 179.80 (179.50 to 180.50): V
 800000 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

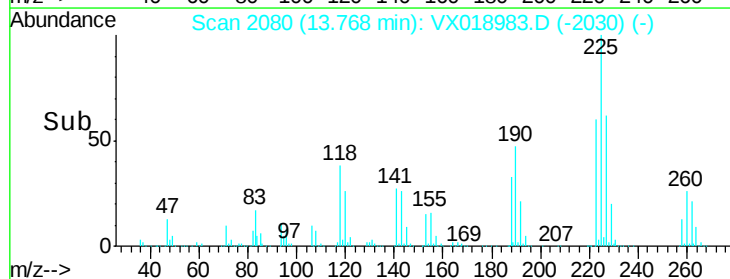
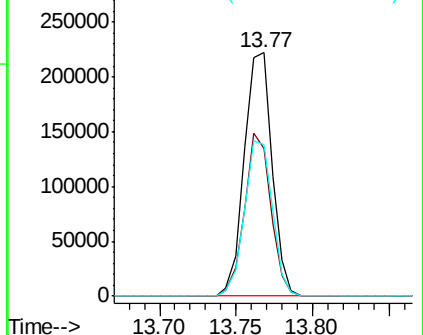


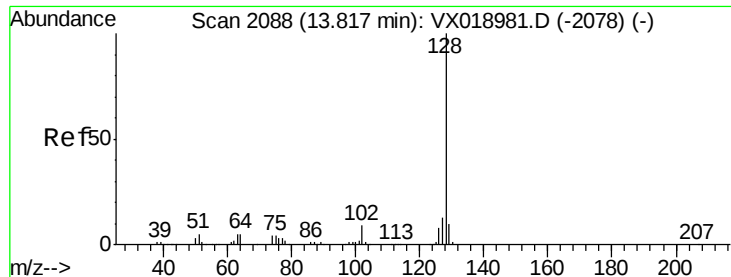
#94
 Hexachlorobutadiene
 Concen: 151.219 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.01 min
 Lab File: VX018983.D
 Acq: 20 Oct 2020 18:28

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	29.4	88.3
227	63.8	30.6	92.0



Abundance Ion 224.70 (224.40 to 225.40): V
 300000 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 154.563 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

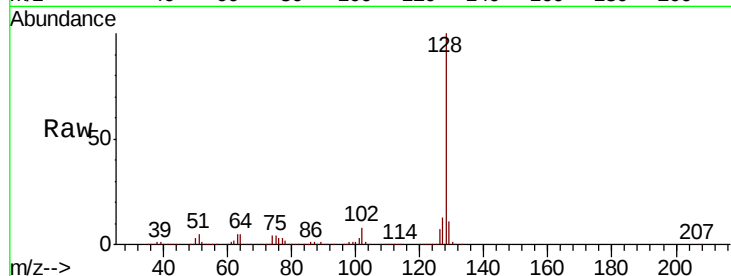
Tot Ion:128 Resp: 2246756

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

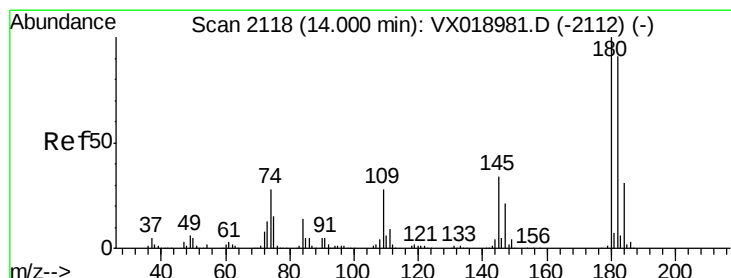
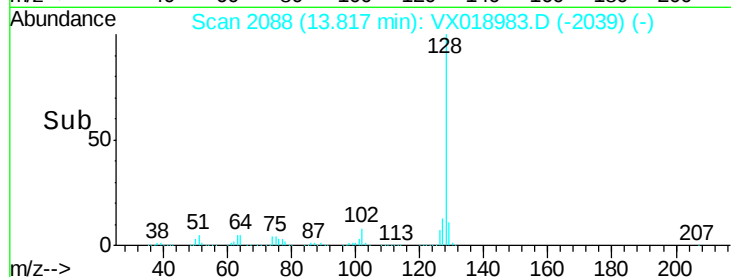
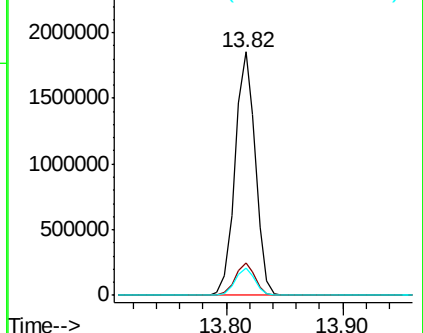
129 11.1 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 162.131 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VX018983.D

Acq: 20 Oct 2020 18:28

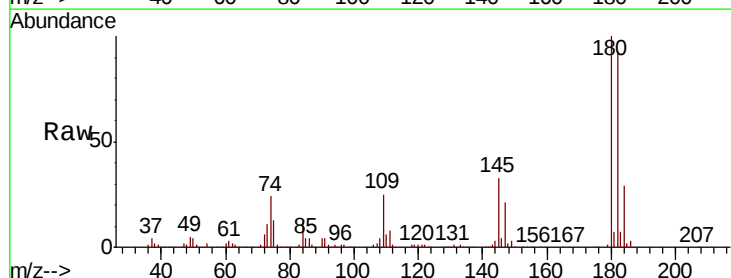
Tgt Ion:180 Resp: 676745

Ion Ratio Lower Upper

180 100

182 93.3 47.8 143.4

145 32.6 17.0 51.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

