

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX081920\
 Data File : VX017981.D
 Acq On : 19 Aug 2020 13:47
 Operator : JC/SP
 Sample : VX0819WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

Quant Time: Aug 19 15:27:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X081920W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 19 05:36:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	461445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	705370	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	678256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	361526	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	299123	44.22	ug/l	0.00
Spiked Amount			Recovery	=	88.44%	
35) Dibromofluoromethane	5.46	113	235771	44.89	ug/l	0.00
Spiked Amount			Recovery	=	89.78%	
50) Toluene-d8	8.70	98	831456	44.78	ug/l	0.00
Spiked Amount			Recovery	=	89.56%	
62) 4-Bromofluorobenzene	11.12	95	327070	47.69	ug/l	0.00
Spiked Amount			Recovery	=	95.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	126481	18.769	ug/l	93
3) Chloromethane	1.31	50	108835	17.246	ug/l	95
4) Vinyl Chloride	1.39	62	108320	18.089	ug/l	96
5) Bromomethane	1.63	94	76061	21.538	ug/l	97
6) Chloroethane	1.72	64	60649	17.525	ug/l	96
7) Trichlorofluoromethane	1.92	101	172520	17.854	ug/l	96
8) Diethyl Ether	2.17	74	47339	16.809	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77435	17.038	ug/l	98
10) Methyl Iodide	2.49	142	63762	10.880	ug/l	98
11) Tert butyl alcohol	3.02	59	96987	74.260	ug/l	98
12) 1,1-Dichloroethene	2.36	96	68282	16.417	ug/l	92
13) Acrolein	2.28	56	61019	88.445	ug/l	97
14) Allyl chloride	2.71	41	124306	16.757	ug/l	100
15) Acrylonitrile	3.12	53	239969	84.134	ug/l	100
16) Acetone	2.42	43	210476	79.090	ug/l	100
17) Carbon Disulfide	2.55	76	169514	16.798	ug/l	99
18) Methyl Acetate	2.75	43	115915	17.310	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	279887	17.601	ug/l	98
20) Methylene Chloride	2.84	84	85878	17.515	ug/l	93
21) trans-1,2-Dichloroethene	3.14	96	74229	17.360	ug/l	95
22) Diisopropyl ether	3.83	45	283826	18.252	ug/l	99
23) Vinyl Acetate	3.79	43	1005801	84.638	ug/l	99
24) 1,1-Dichloroethane	3.67	63	154184	17.886	ug/l	97
25) 2-Butanone	4.64	43	339518	84.271	ug/l	97
26) 2,2-Dichloropropane	4.55	77	130399	16.612	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	90089	17.861	ug/l	99
28) Bromochloromethane	4.98	49	75766	17.007	ug/l	98
29) Tetrahydrofuran	5.10	42	211752	84.627	ug/l	99
30) Chloroform	5.18	83	166083	17.627	ug/l	99
31) Cyclohexane	5.55	56	128238	18.345	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	151843	17.764	ug/l	99
36) 1,1-Dichloropropene	5.77	75	100275	16.984	ug/l	99
37) Ethyl Acetate	4.80	43	117751	16.669	ug/l	99
38) Carbon Tetrachloride	5.76	117	136383	17.849	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	124846	17.055	ug/l	95
40) Benzene	6.12	78	319056	17.942	ug/l	98
41) Methacrylonitrile	5.01	41	70449	17.400	ug/l	99
42) 1,2-Dichloroethane	6.17	62	134841	17.852	ug/l	99
43) Isopropyl Acetate	6.42	43	195700	17.162	ug/l	99
44) Trichloroethene	7.19	130	92728	17.584	ug/l	97
45) 1,2-Dichloropropane	7.49	63	89237	17.515	ug/l	94
46) Dibromomethane	7.64	93	63859	17.959	ug/l	98
47) Bromodichloromethane	7.88	83	136466	17.678	ug/l	97
48) Methyl methacrylate	7.75	41	96534	17.076	ug/l	98
49) 1,4-Dioxane	7.72	88	33818	292.204	ug/l #	92
51) 4-Methyl-2-Pentanone	8.62	43	675662	88.002	ug/l	99
52) Toluene	8.77	92	208877	17.954	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	140679	17.231	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	145781	17.125	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	95480	17.864	ug/l	99
56) Ethyl methacrylate	9.16	69	126655	16.761	ug/l	95
57) 1,3-Dichloropropane	9.35	76	149001	17.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	294753	80.547	ug/l	99
59) 2-Hexanone	9.48	43	498135	85.623	ug/l	99
60) Dibromochloromethane	9.57	129	116926	17.517	ug/l	99
61) 1,2-Dibromoethane	9.65	107	100427	16.964	ug/l	98
64) Tetrachloroethene	9.32	164	95981	18.530	ug/l	95
65) Chlorobenzene	10.12	112	244162	18.135	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	102607	18.017	ug/l	99
67) Ethyl Benzene	10.24	91	399673	18.008	ug/l	96
68) m/p-Xylenes	10.34	106	307325	35.967	ug/l	96
69) o-Xylene	10.68	106	146461	17.775	ug/l	99
70) Styrene	10.70	104	258454	18.181	ug/l	99
71) Bromoform	10.84	173	88048	17.225	ug/l #	96
73) Isopropylbenzene	11.00	105	414564	17.816	ug/l	99
74) N-amyl acetate	10.88	43	172184	16.636	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	140135	17.263	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	171399	22.293	ug/l	85
77) Bromobenzene	11.24	156	114744	17.773	ug/l	98
78) n-propylbenzene	11.34	91	465890	17.118	ug/l	100
79) 2-Chlorotoluene	11.40	91	285879	17.236	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	358172	17.535	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	49139	16.791	ug/l	97
82) 4-Chlorotoluene	11.49	91	341955	17.531	ug/l	98
83) tert-Butylbenzene	11.76	119	335501	17.393	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	360434	17.045	ug/l	99
85) sec-Butylbenzene	11.93	105	404029	17.351	ug/l	98
86) p-Isopropyltoluene	12.05	119	376462	17.380	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	202810	17.260	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	200575	17.423	ug/l	95
89) n-Butylbenzene	12.37	91	309772	17.279	ug/l	99
90) Hexachloroethane	12.58	117	77350	17.955	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	201068	18.536	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	34830	16.844	ug/l	98

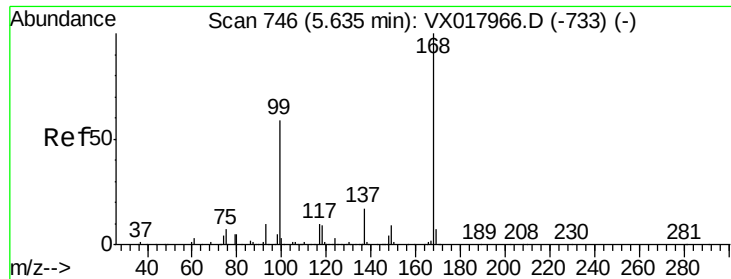
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX081920\
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Quant Title : SW846 8260
QLast Update : Wed Aug 19 05:36:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	125953	17.650	ug/l	98
94) Hexachlorobutadiene	13.76	225	52132	17.118	ug/l	93
95) Naphthalene	13.82	128	392796	17.438	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	124327	17.134	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

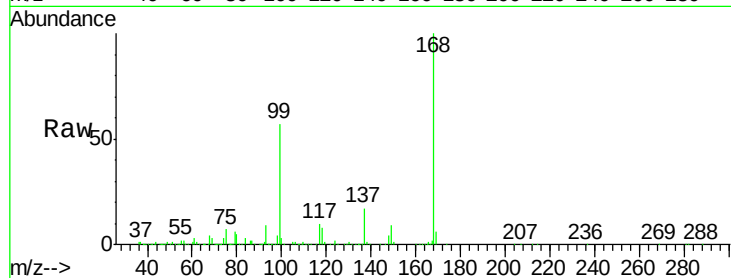
VX0819WBS01

Tgt Ion:168 Resp: 461445

Ion Ratio Lower Upper

168 100

99 56.7 47.4 71.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

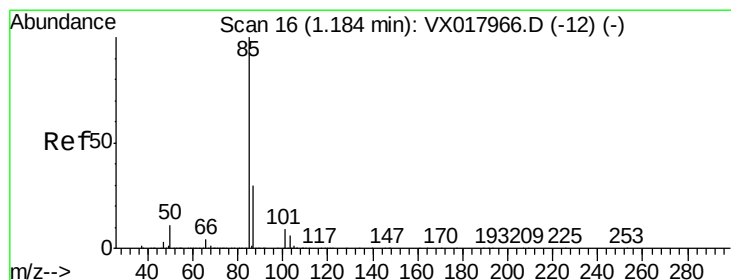
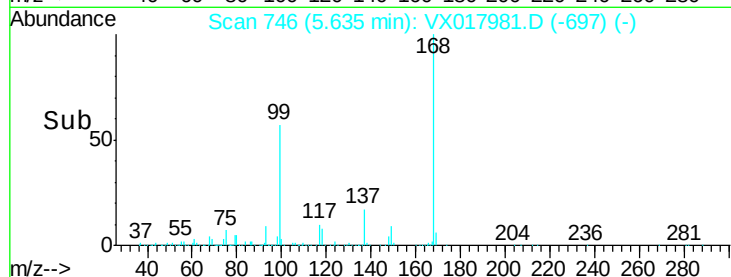
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.769 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX017981.D

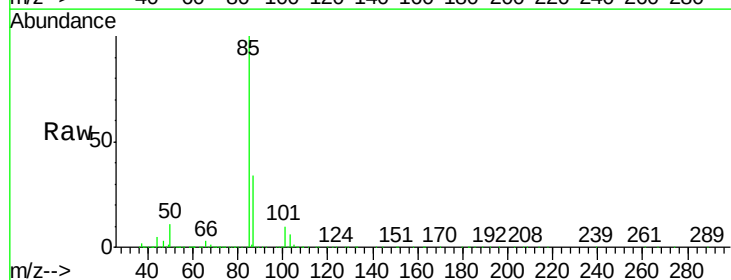
Acq: 19 Aug 2020 13:47

Tgt Ion: 85 Resp: 126481

Ion Ratio Lower Upper

85 100

87 34.1 15.3 45.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

150000

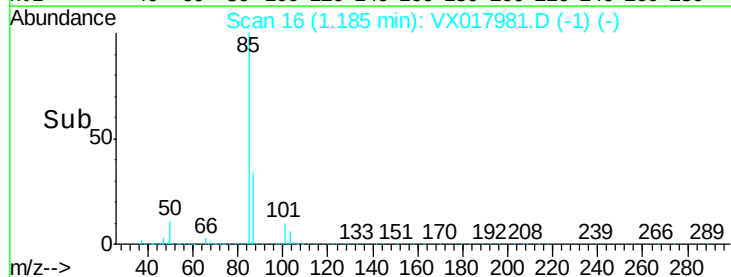
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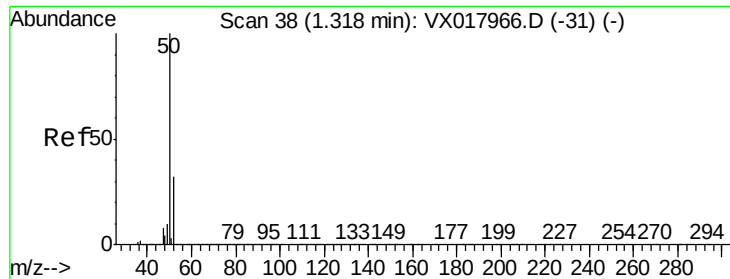
50000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 17.246 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.01 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

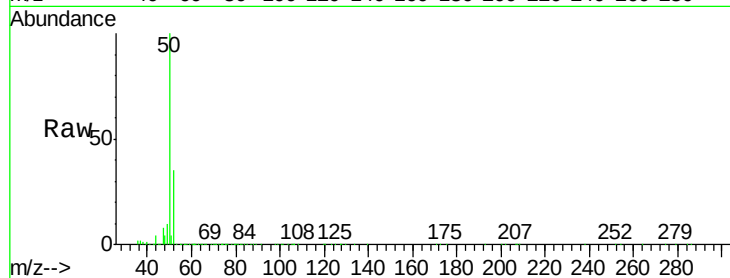
VX0819WBS01

Tgt Ion: 50 Resp: 108835

Ion Ratio Lower Upper

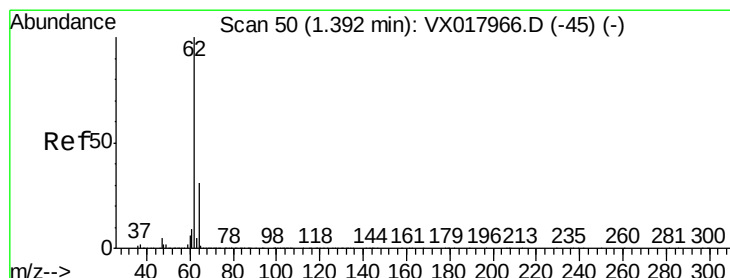
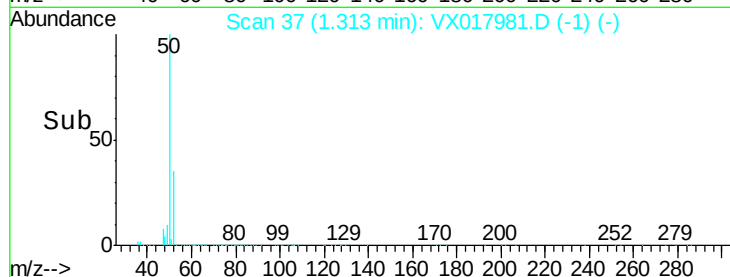
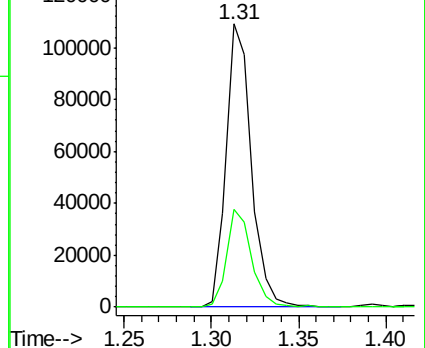
50 100

52 34.5 25.4 38.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.089 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX017981.D

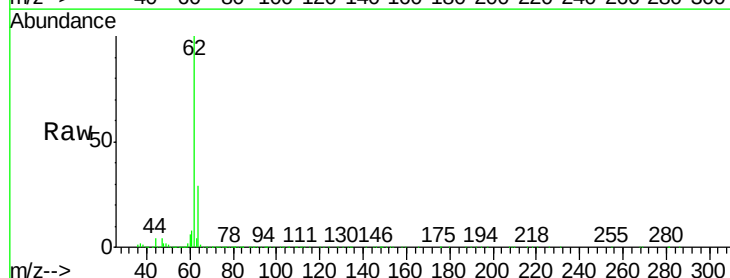
Acq: 19 Aug 2020 13:47

Tgt Ion: 62 Resp: 108320

Ion Ratio Lower Upper

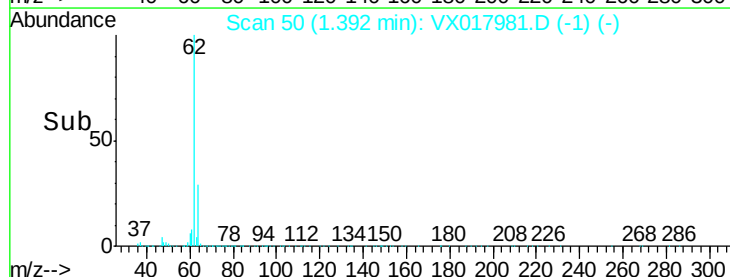
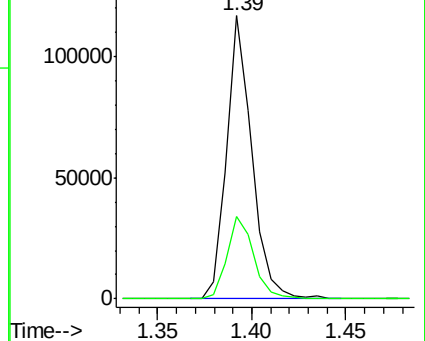
62 100

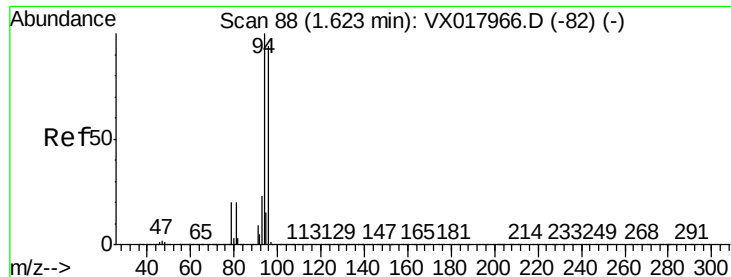
64 28.8 24.7 37.1



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.538 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

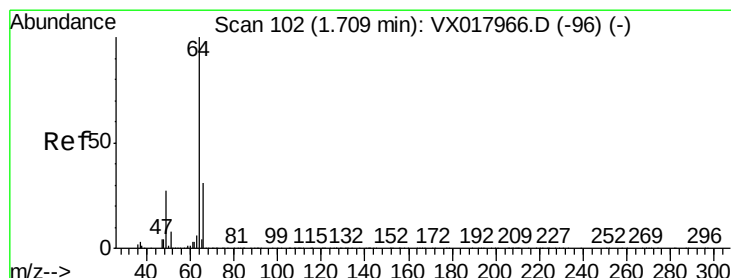
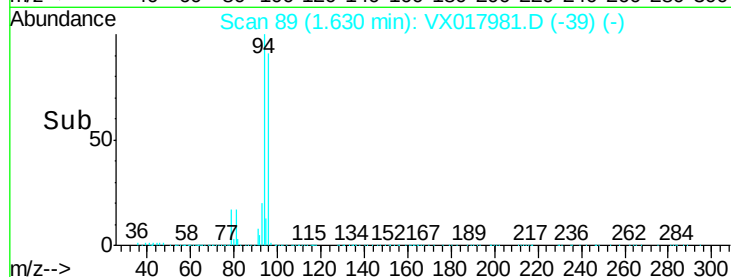
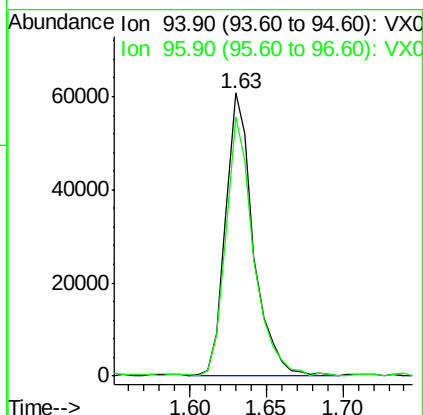
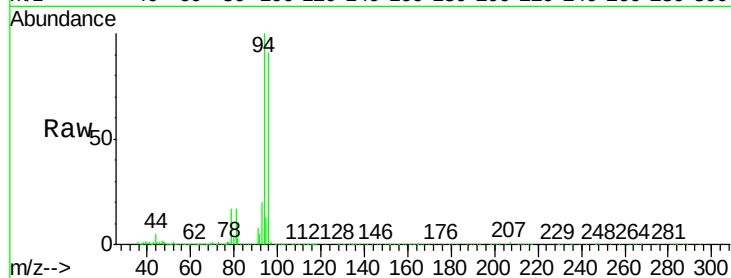
VX0819WBS01

Tgt Ion: 94 Resp: 76061

Ion Ratio Lower Upper

94 100

96 91.7 75.5 113.3



#6

Chloroethane

Concen: 17.525 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017981.D

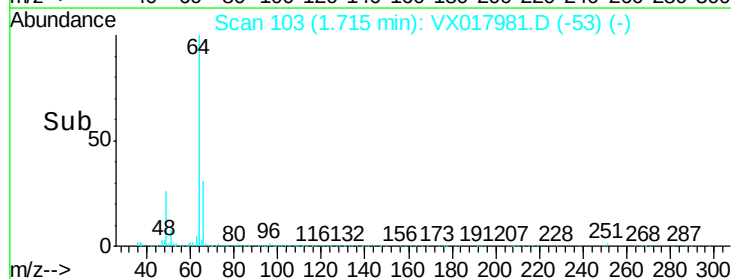
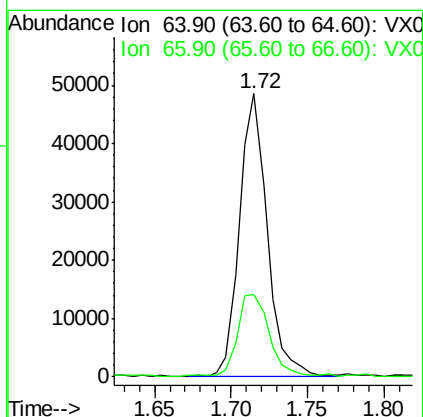
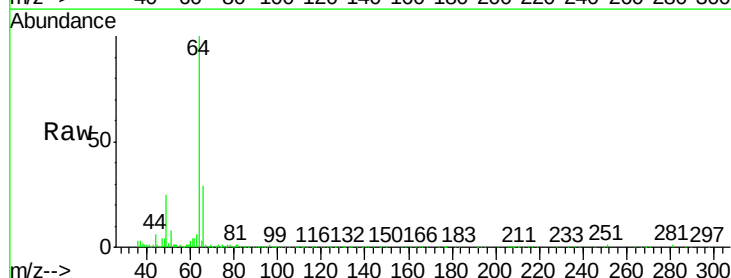
Acq: 19 Aug 2020 13:47

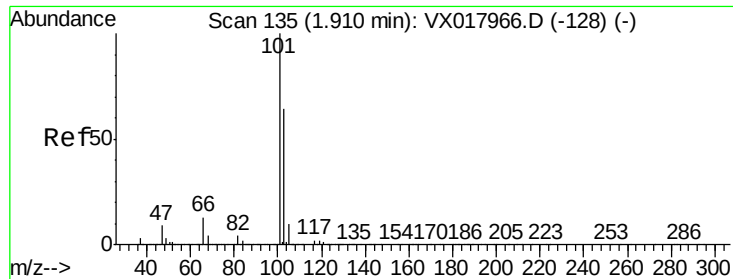
Tgt Ion: 64 Resp: 60649

Ion Ratio Lower Upper

64 100

66 28.8 25.0 37.4



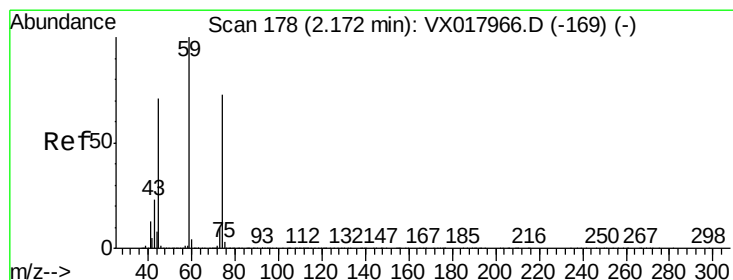
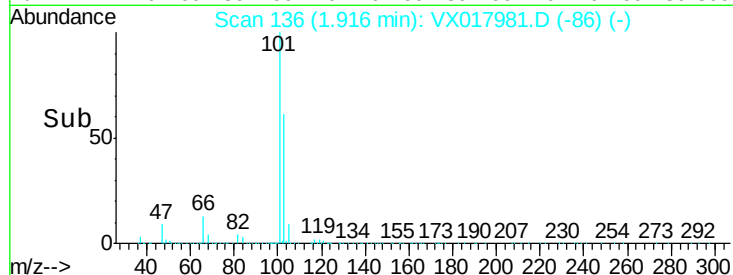
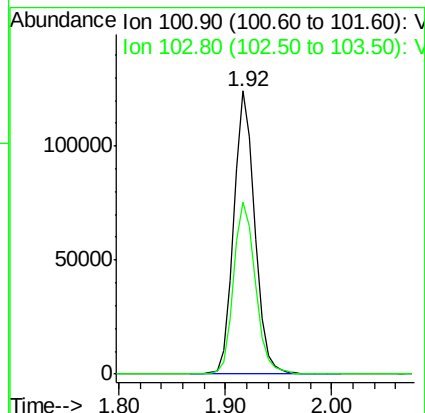
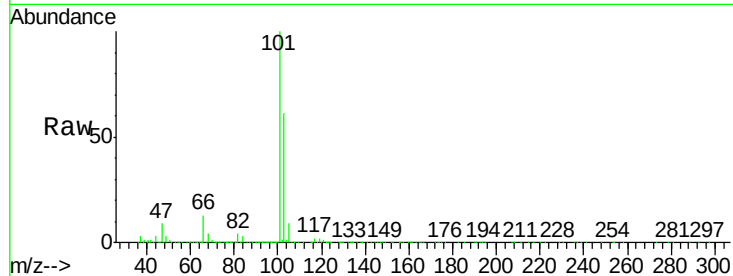


#7

Trichlorofluoromethane
Concen: 17.854 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampled :
VX0819WBS01

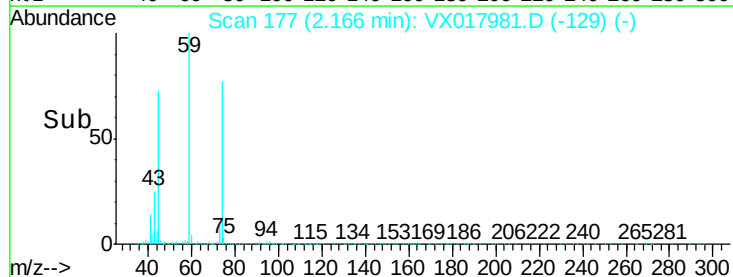
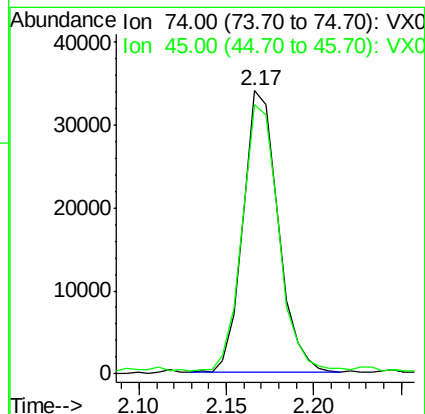
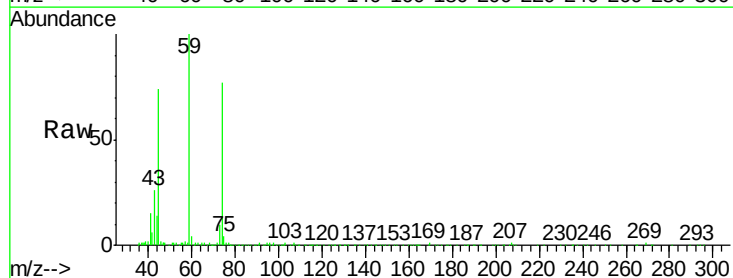
Tgt Ion:101 Resp: 172520
Ion Ratio Lower Upper
101 100
103 60.5 51.2 76.8

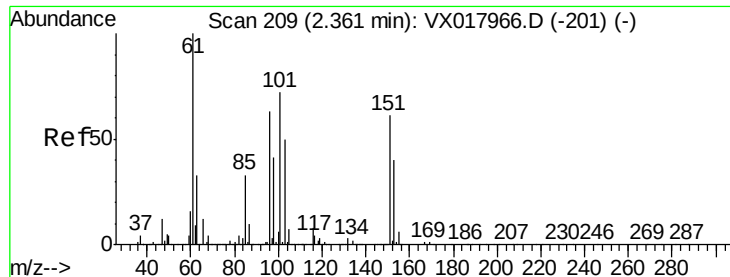


#8

Diethyl Ether
Concen: 16.809 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion: 74 Resp: 47339
Ion Ratio Lower Upper
74 100
45 97.9 50.5 151.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.038 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampled :

VX0819WBS01

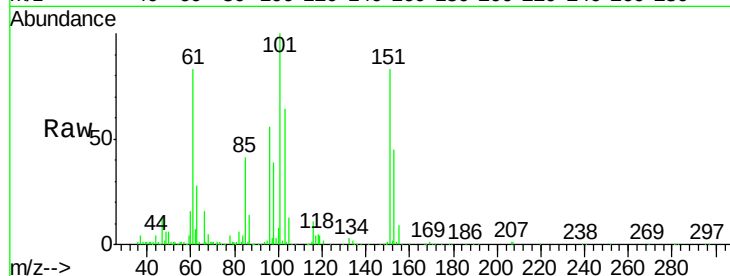
Tgt Ion:101 Resp: 77435

Ion Ratio Lower Upper

101 100

85 44.8 35.4 53.2

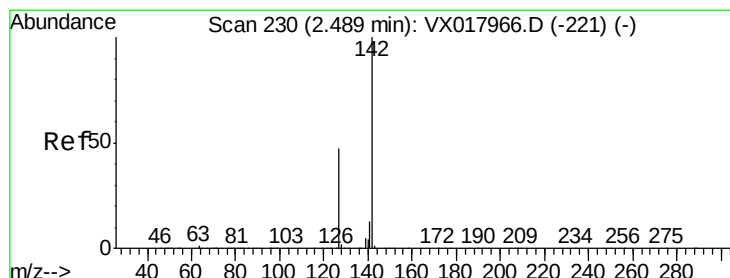
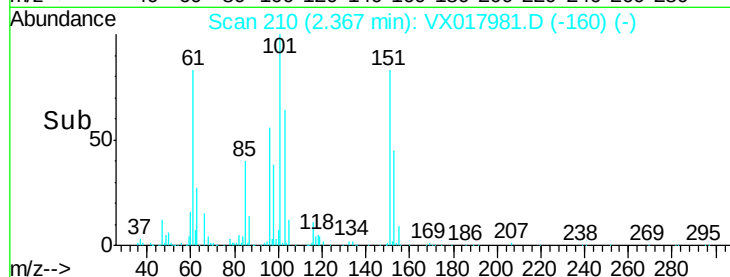
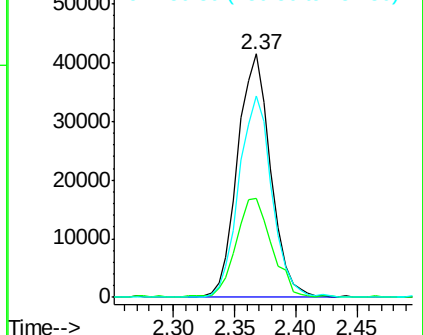
151 83.5 65.4 98.0



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: 10.880 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

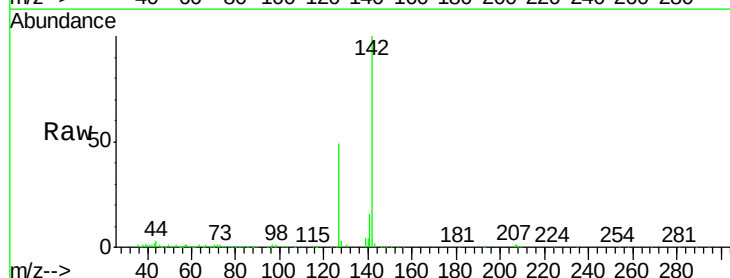
Tgt Ion:142 Resp: 63762

Ion Ratio Lower Upper

142 100

127 49.1 38.0 57.0

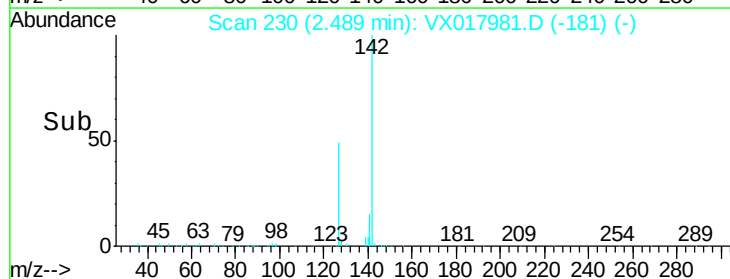
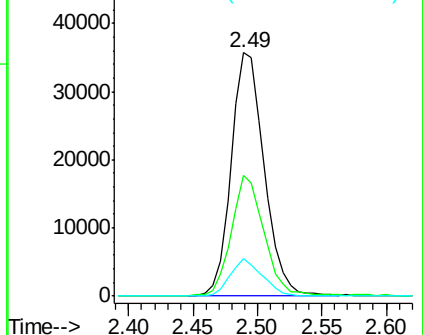
141 14.9 11.2 16.8

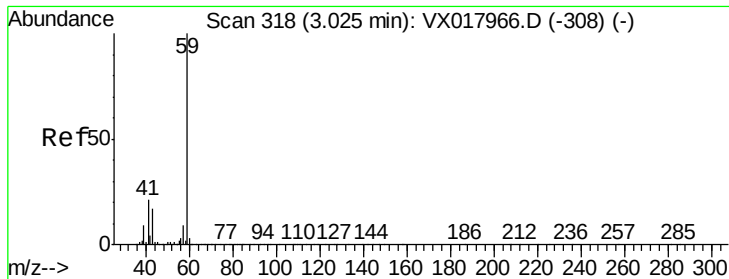


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

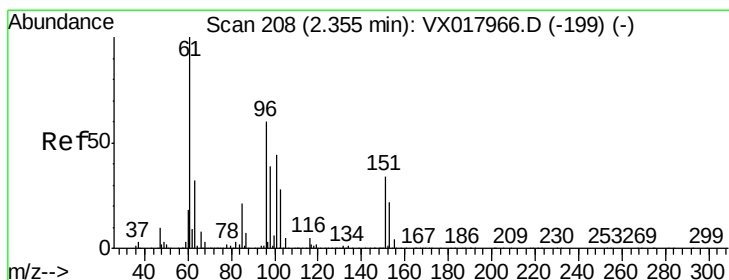
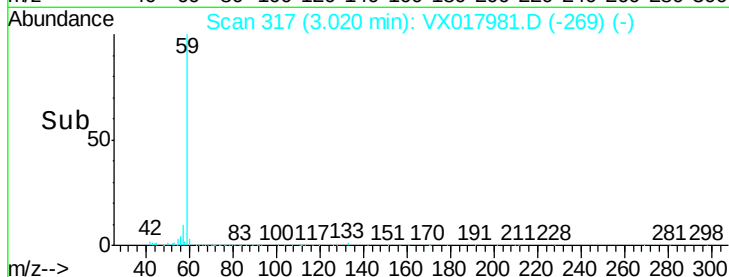
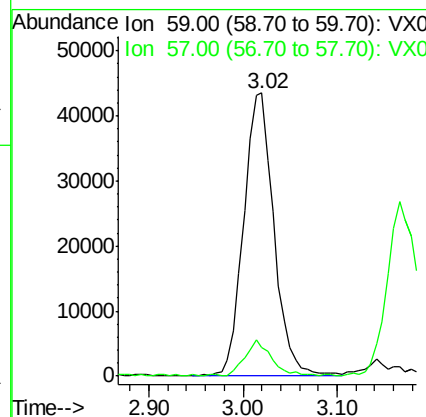
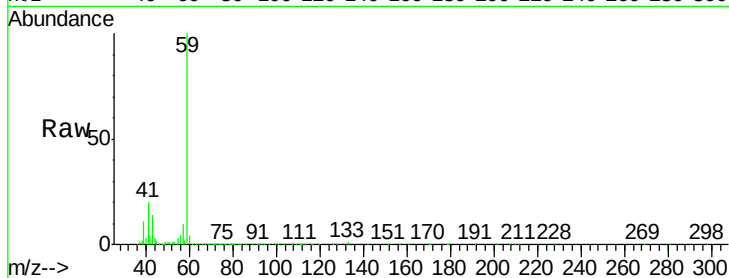




#11
Tert butyl alcohol
Concen: 74.260 ug/l
RT: 3.02 min Scan# 317
Delta R.T. -0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

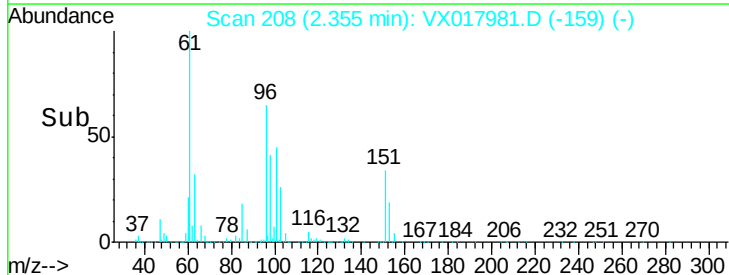
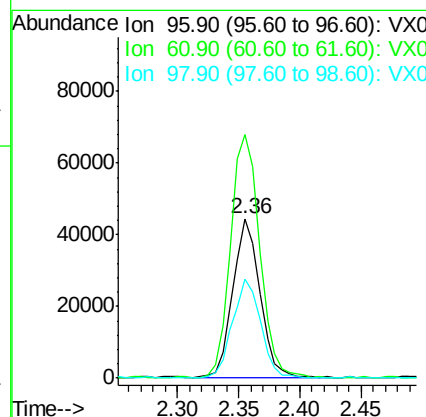
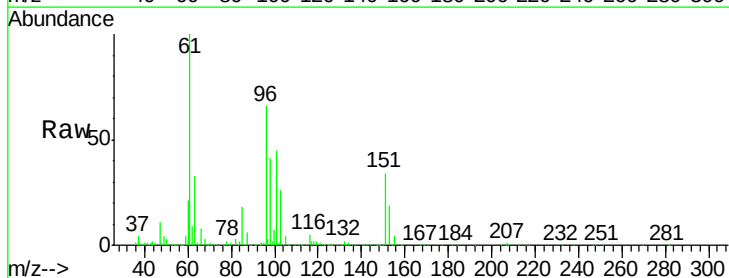
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

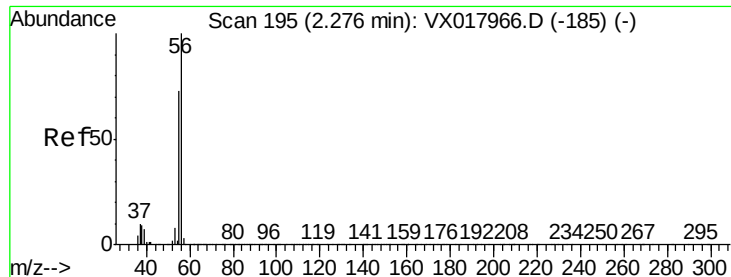
Tgt Ion: 59 Resp: 96987
Ion Ratio Lower Upper
59 100
57 11.7 8.6 13.0



#12
1,1-Dichloroethene
Concen: 16.417 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion: 96 Resp: 68282
Ion Ratio Lower Upper
96 100
61 152.6 132.9 199.3
98 62.1 51.6 77.4





#13

Acrolein

Concen: 88.445 ug/l

RT: 2.28 min Scan# 195

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

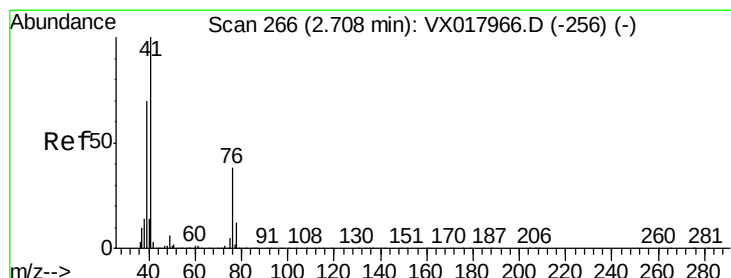
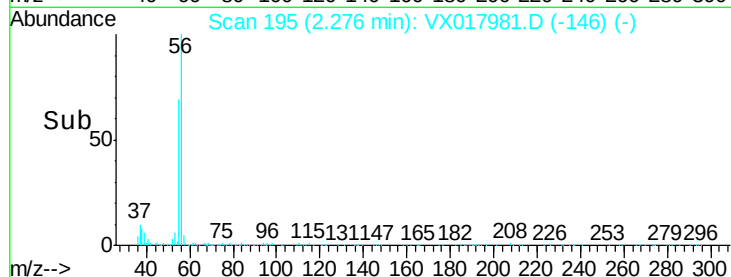
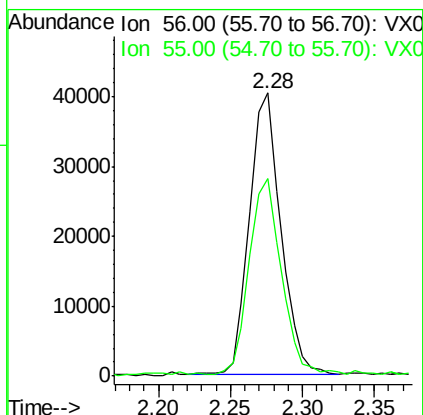
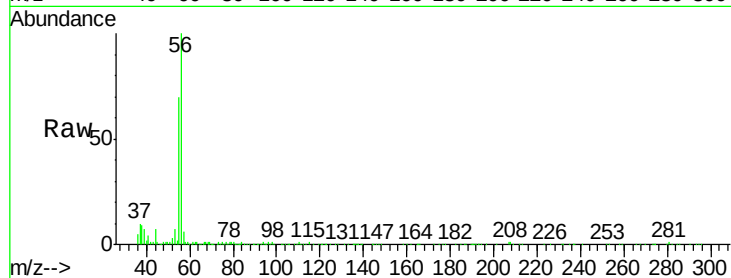
VX0819WBS01

Tgt Ion: 56 Resp: 61019

Ion Ratio Lower Upper

56 100

55 70.5 58.2 87.4



#14

Allyl chloride

Concen: 16.757 ug/l

RT: 2.71 min Scan# 266

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

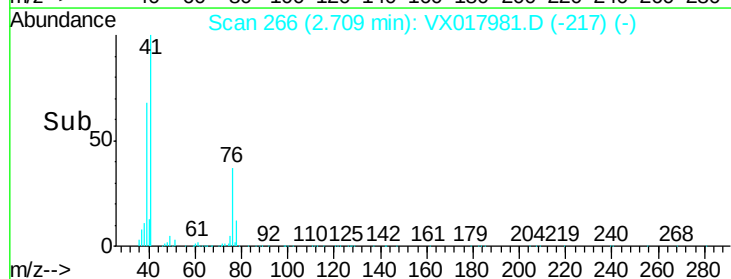
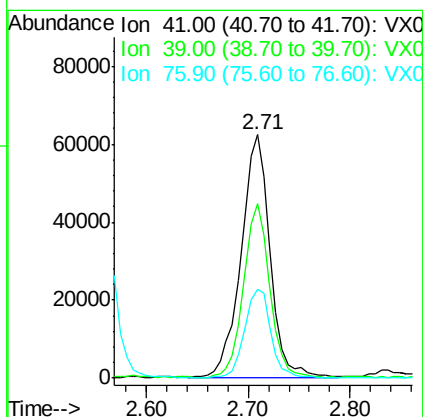
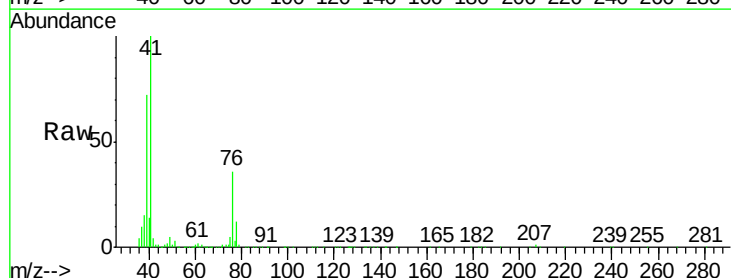
Tgt Ion: 41 Resp: 124306

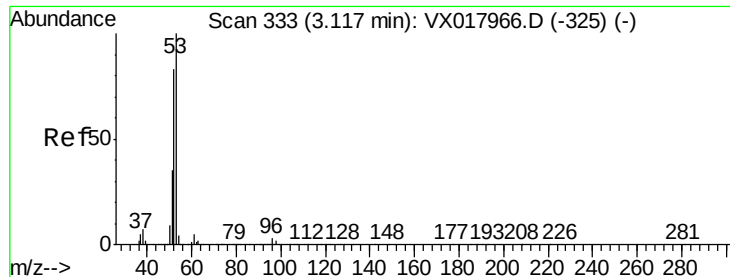
Ion Ratio Lower Upper

41 100

39 64.3 51.7 77.5

76 33.1 26.3 39.5





#15

Acrylonitrile

Concen: 84.134 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

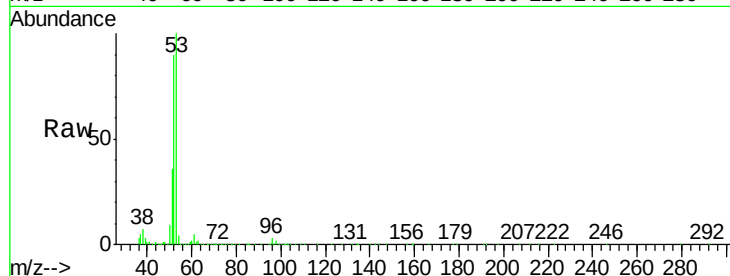
Tgt Ion: 53 Resp: 239969

Ion Ratio Lower Upper

53 100

52 83.9 67.1 100.7

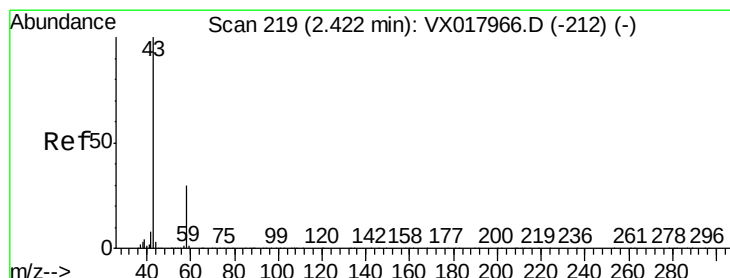
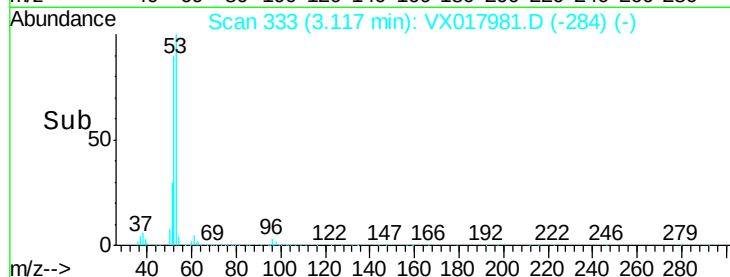
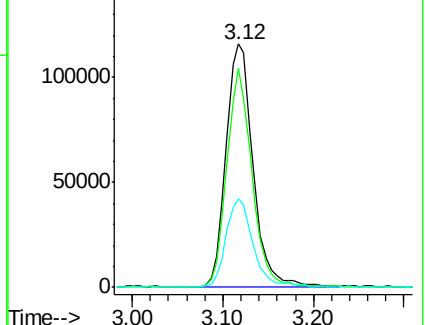
51 36.5 29.2 43.8



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: 79.090 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX017981.D

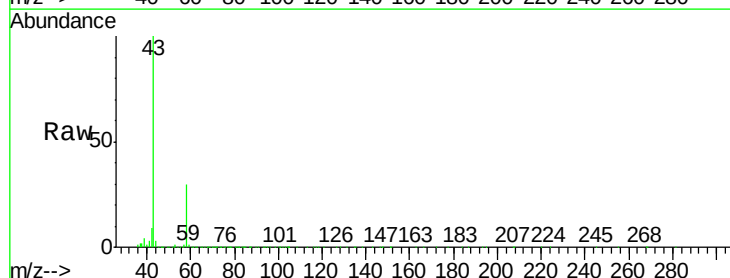
Acq: 19 Aug 2020 13:47

Tgt Ion: 43 Resp: 210476

Ion Ratio Lower Upper

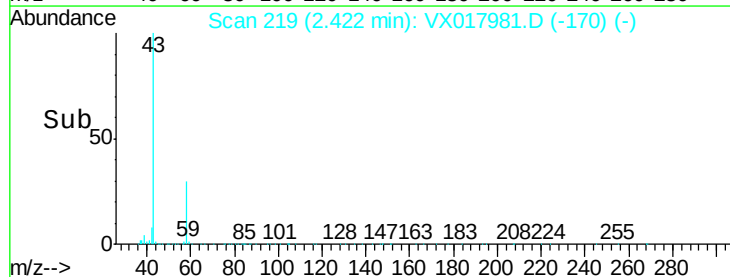
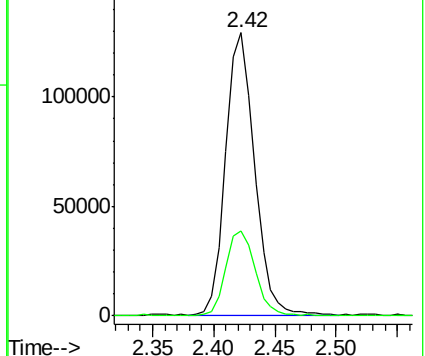
43 100

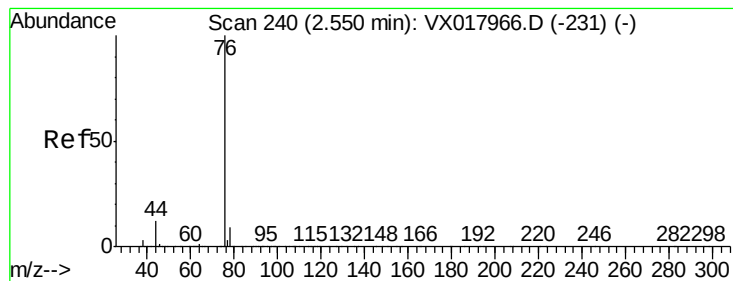
58 29.8 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.798 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

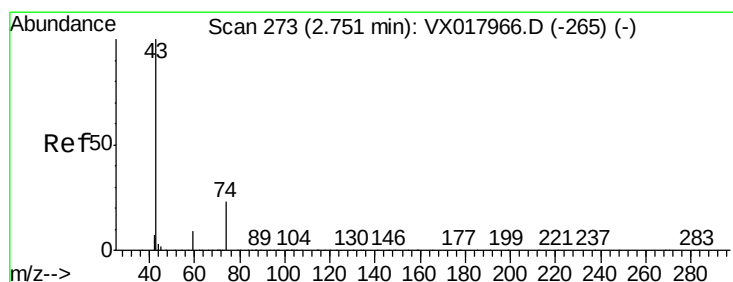
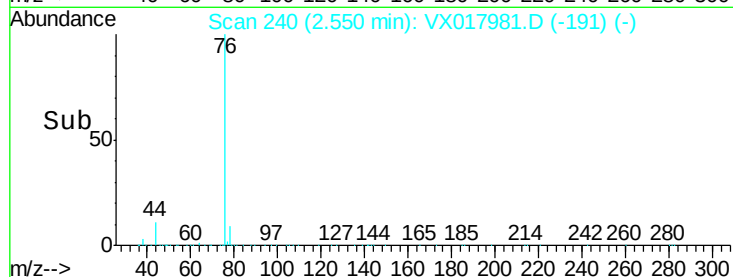
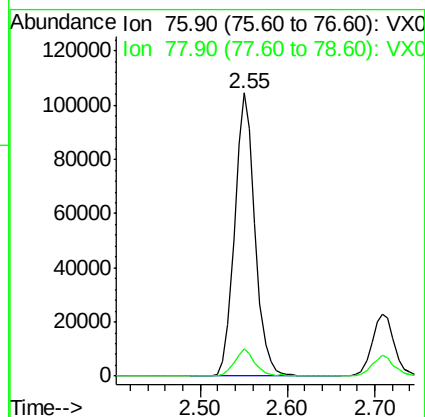
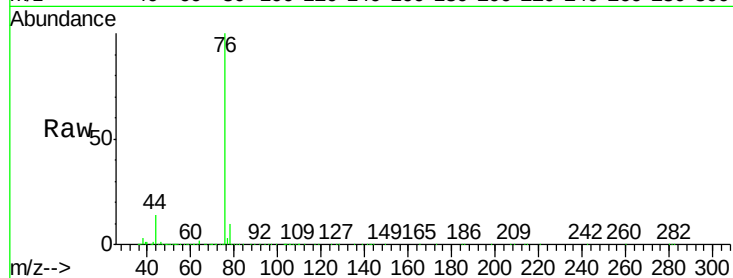
VX0819WBS01

Tgt Ion: 76 Resp: 169514

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9



#18

Methyl Acetate

Concen: 17.310 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX017981.D

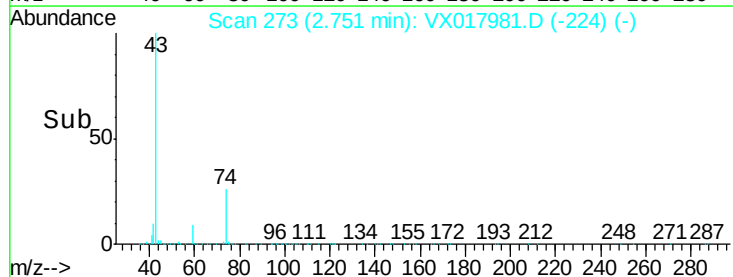
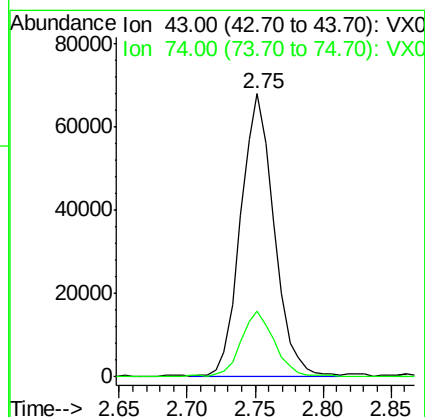
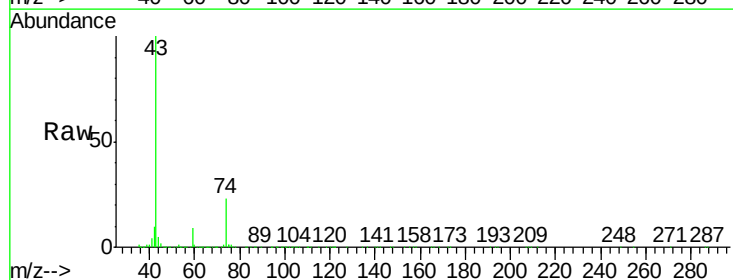
Acq: 19 Aug 2020 13:47

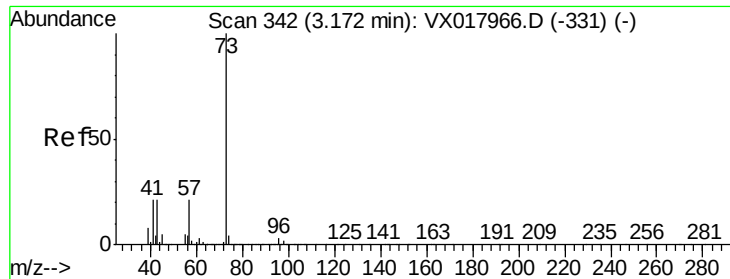
Tgt Ion: 43 Resp: 115915

Ion Ratio Lower Upper

43 100

74 24.3 19.7 29.5

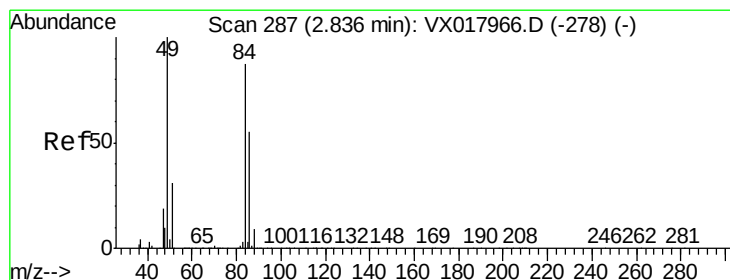
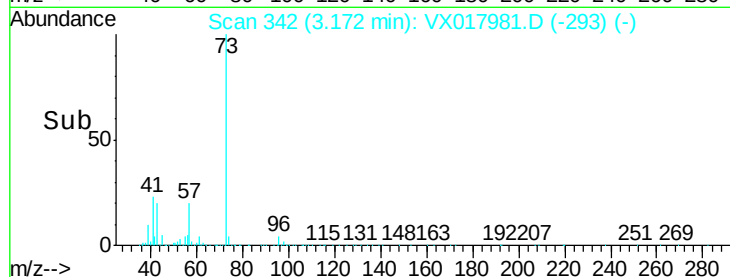
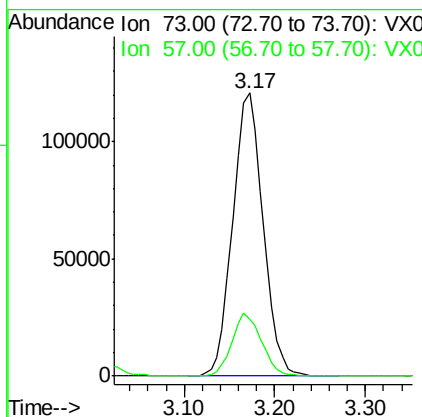
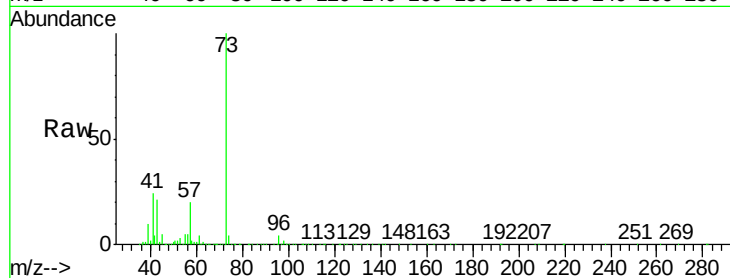




#19
Methyl tert-butyl Ether
Concen: 17.601 ug/l
RT: 3.17 min Scan# 342
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

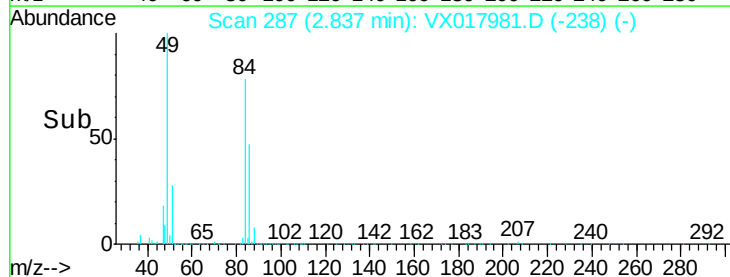
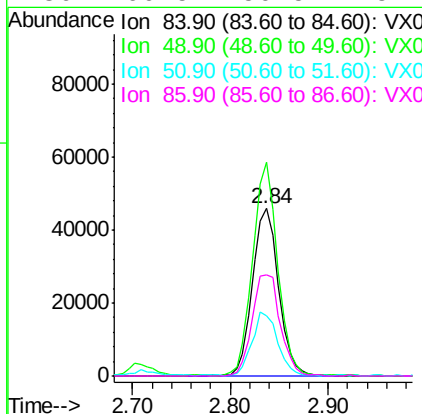
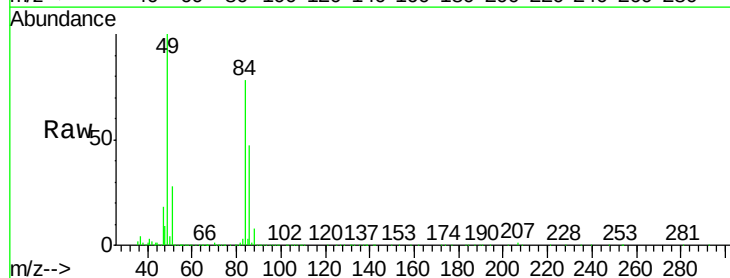
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

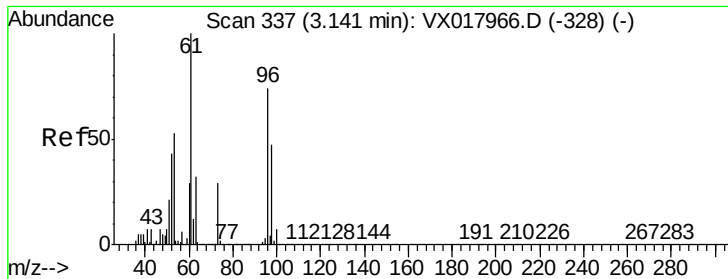
Tgt Ion: 73 Resp: 279887
Ion Ratio Lower Upper
73 100
57 19.9 16.9 25.3



#20
Methylene Chloride
Concen: 17.515 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion: 84 Resp: 85878
Ion Ratio Lower Upper
84 100
49 127.2 91.8 137.6
51 35.2 27.8 41.8
86 60.5 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 17.360 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

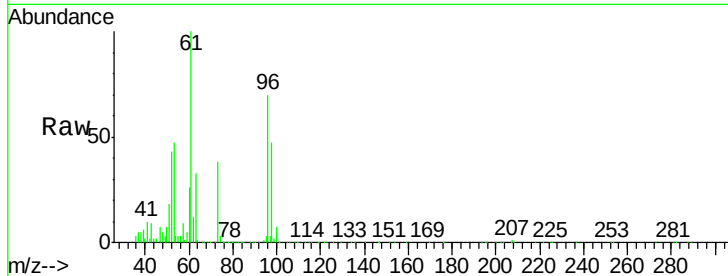
Tgt Ion: 96 Resp: 74229

Ion Ratio Lower Upper

96 100

61 141.6 108.6 163.0

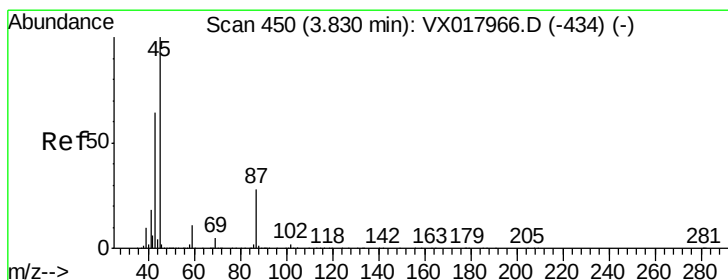
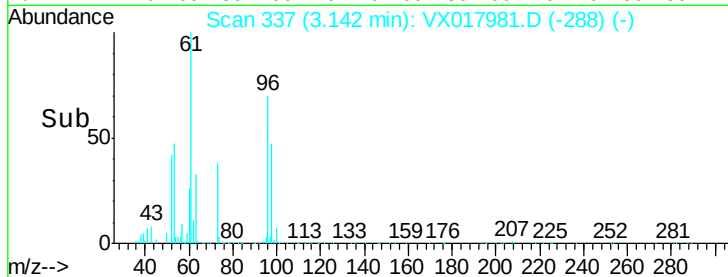
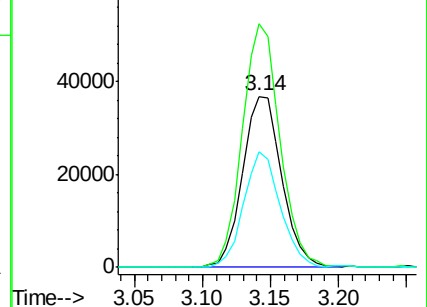
98 67.3 51.4 77.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.252 ug/l

RT: 3.83 min Scan# 450

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Tgt Ion: 45 Resp: 283826

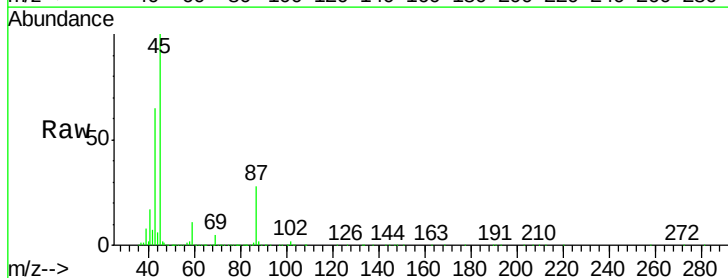
Ion Ratio Lower Upper

45 100

43 64.4 51.5 77.3

87 27.3 22.6 33.8

59 10.9 9.0 13.4

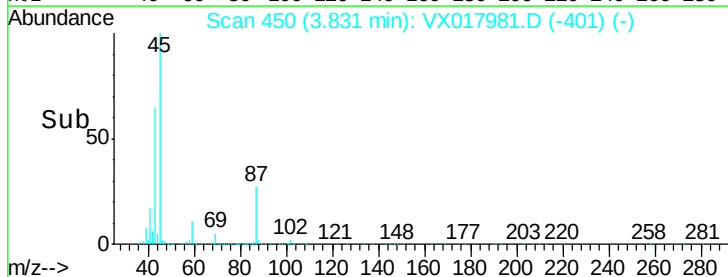
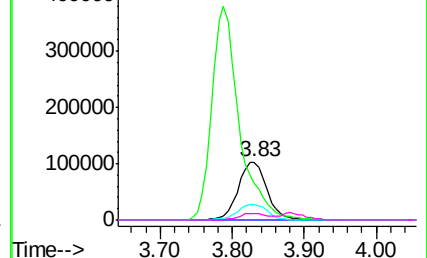


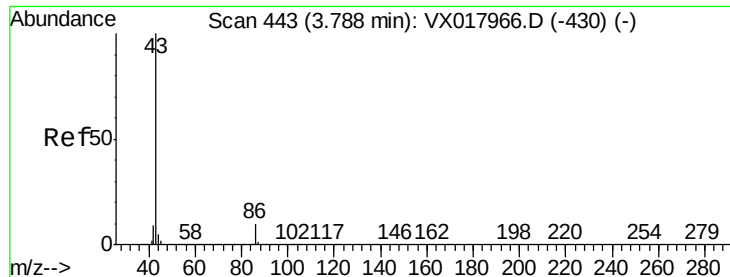
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 84.638 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

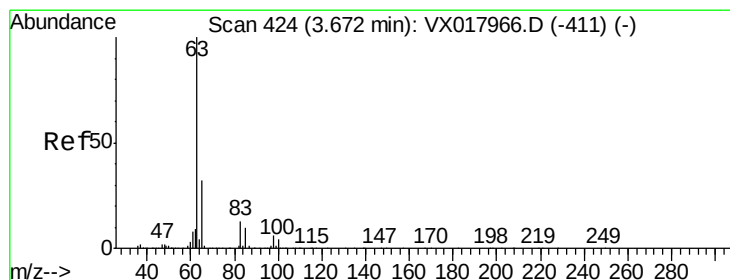
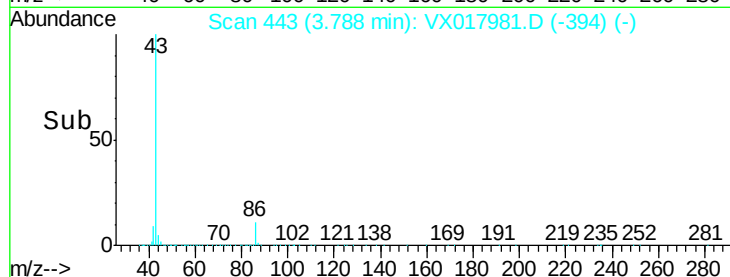
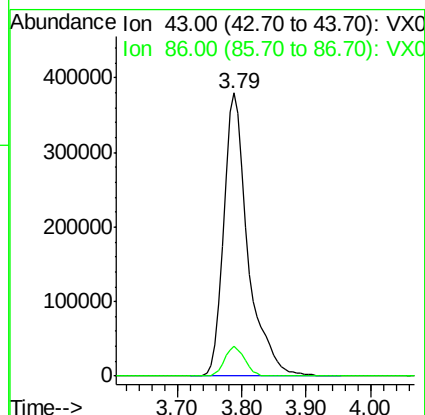
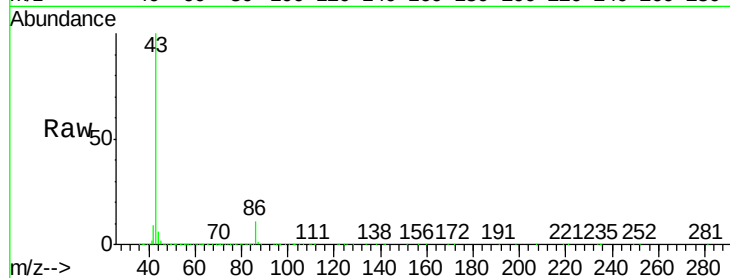
VX0819WBS01

Tgt Ion: 43 Resp: 1005801

Ion Ratio Lower Upper

43 100

86 10.5 8.1 12.1



#24

1,1-Dichloroethane

Concen: 17.886 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

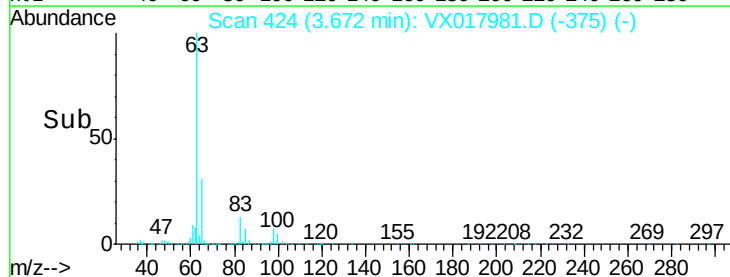
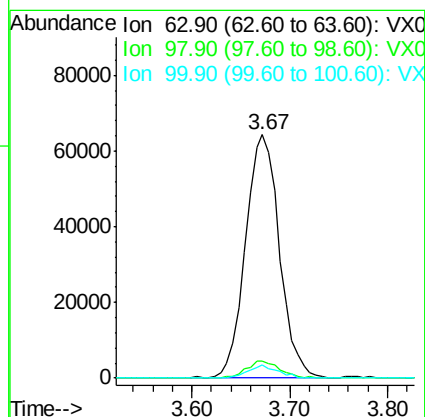
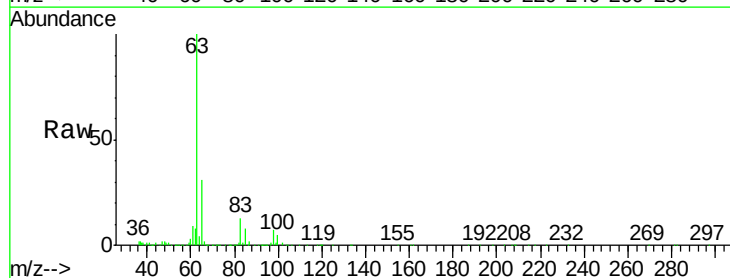
Tgt Ion: 63 Resp: 154184

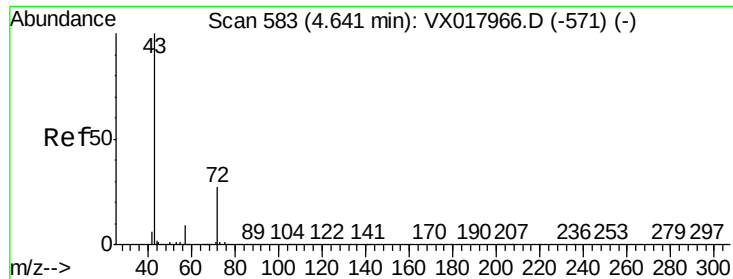
Ion Ratio Lower Upper

63 100

98 7.0 3.0 9.0

100 5.2 2.0 5.8

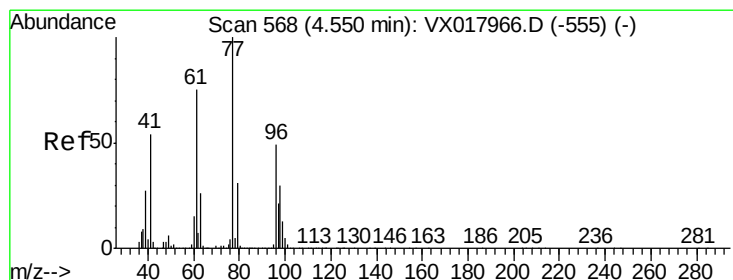
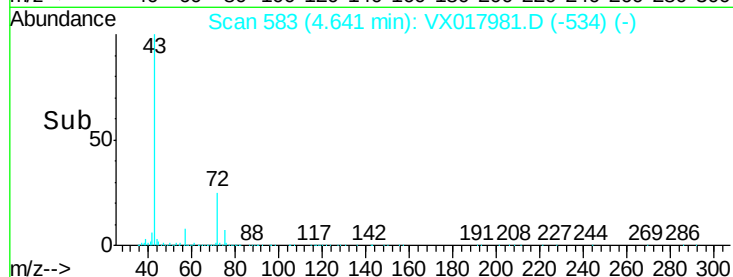
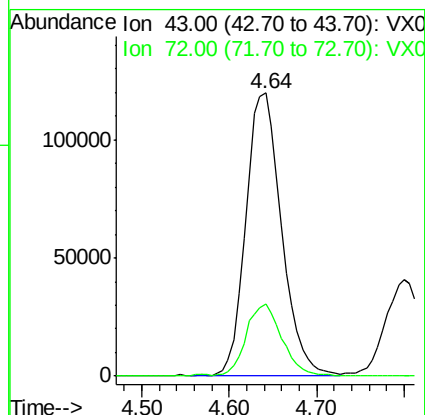
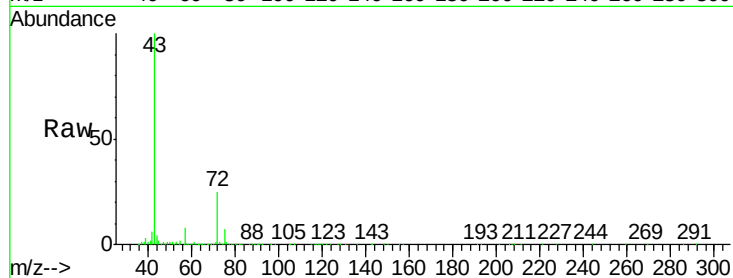




#25
2-Butanone
Concen: 84.271 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

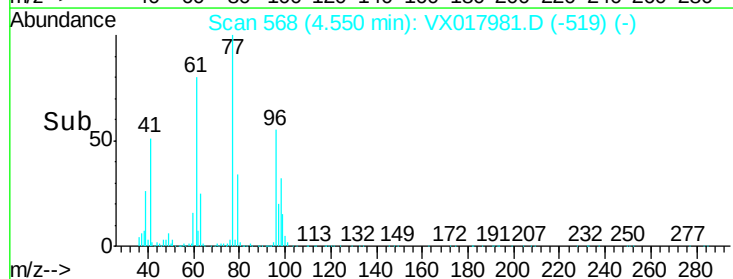
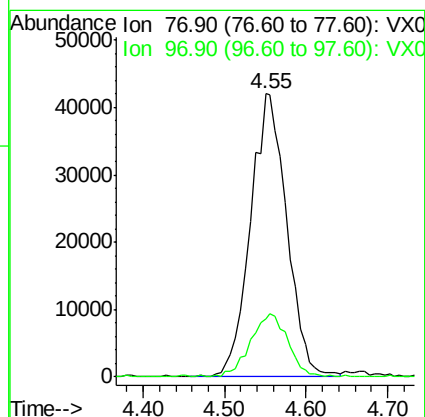
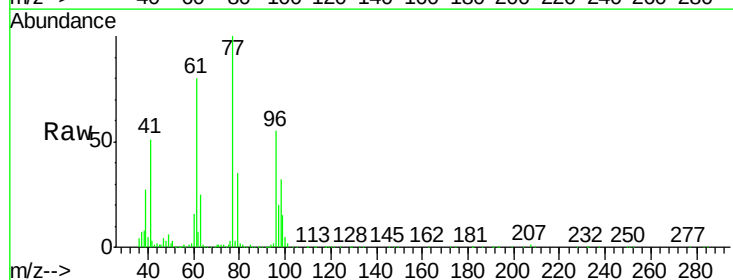
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

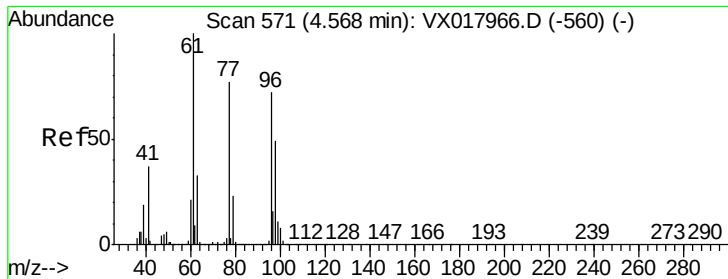
Tgt Ion: 43 Resp: 339518
Ion Ratio Lower Upper
43 100
72 25.1 21.4 32.2



#26
2,2-Dichloropropane
Concen: 16.612 ug/l
RT: 4.55 min Scan# 568
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion: 77 Resp: 130399
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9



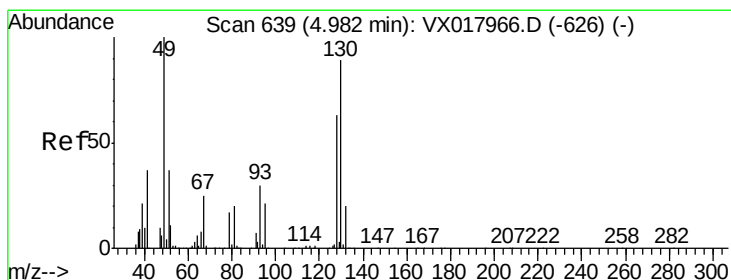
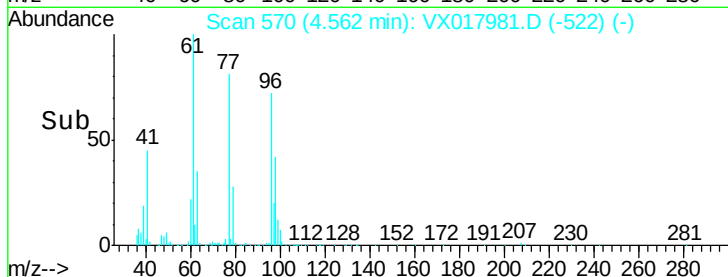
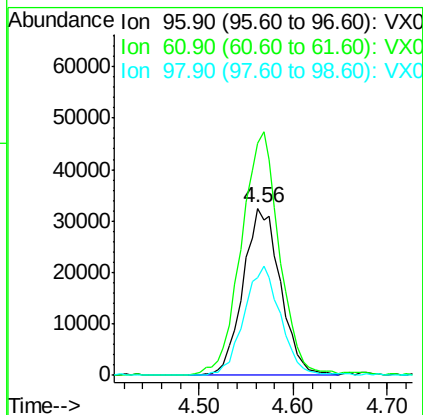
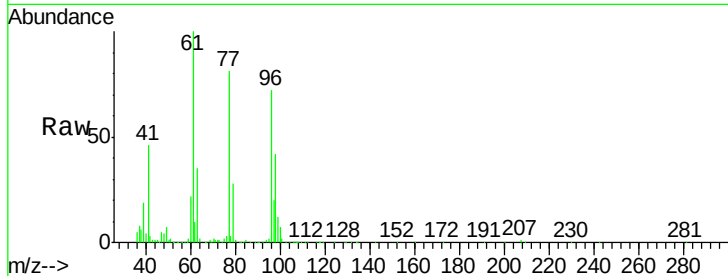


#27

cis-1,2-Dichloroethene
Concen: 17.861 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

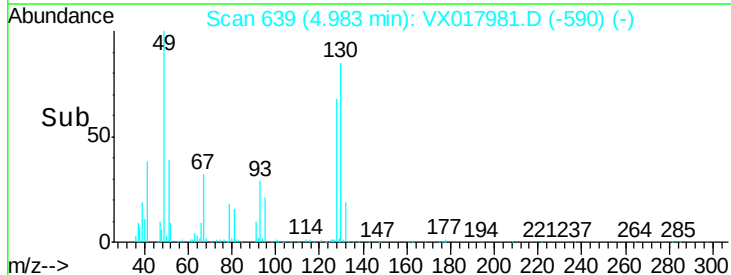
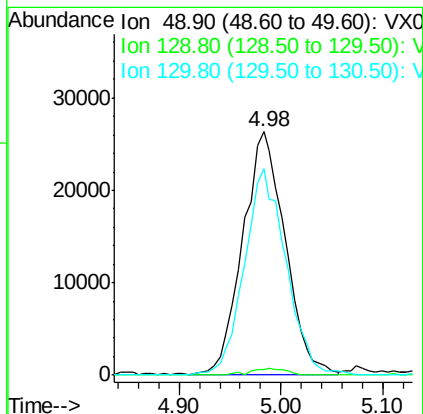
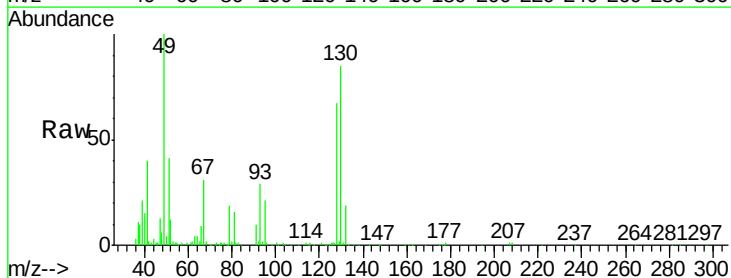
Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.0	0.0	298.8
98	63.9	0.0	130.2

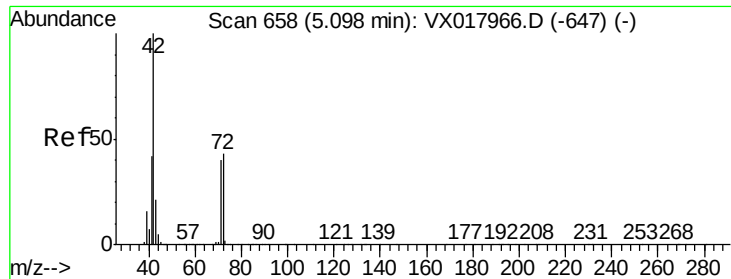


#28

Bromochloromethane
Concen: 17.007 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	3.6
130	83.8	68.5	102.7





#29

Tetrahydrofuran

Concen: 84.627 ug/l

RT: 5.10 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

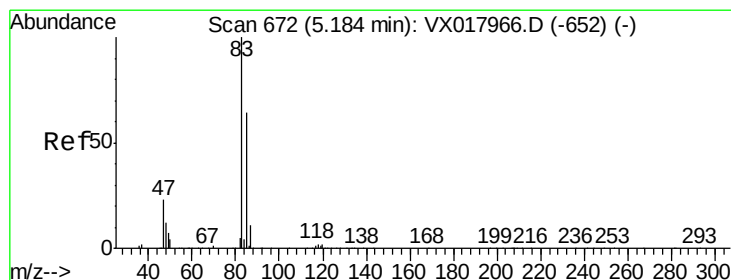
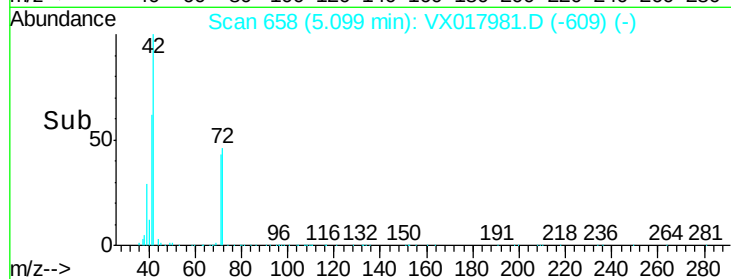
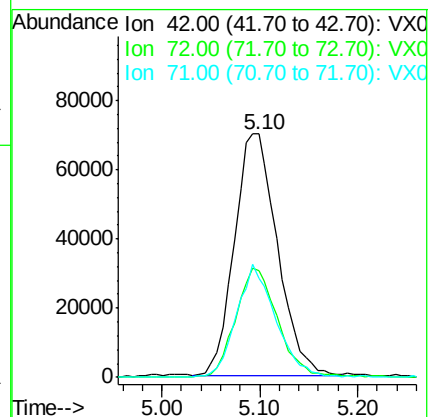
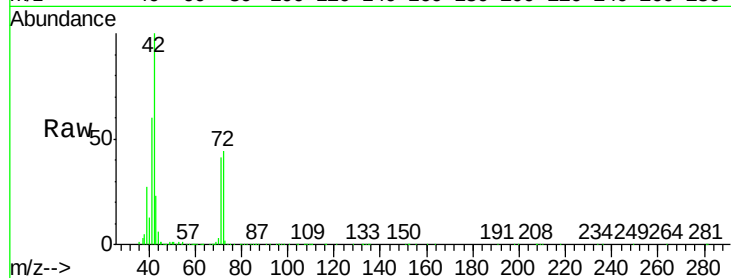
Tgt Ion: 42 Resp: 211752

Ion Ratio Lower Upper

42 100

72 44.9 35.9 53.9

71 42.8 33.0 49.4



#30

Chloroform

Concen: 17.627 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.00 min

Lab File: VX017981.D

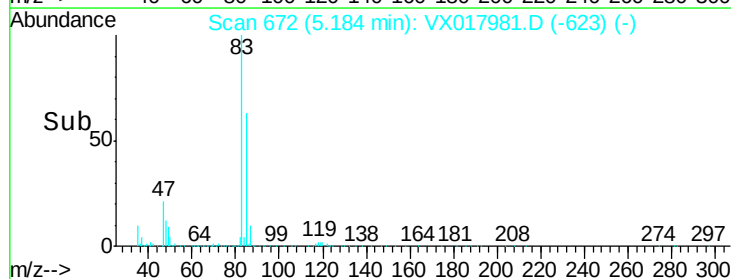
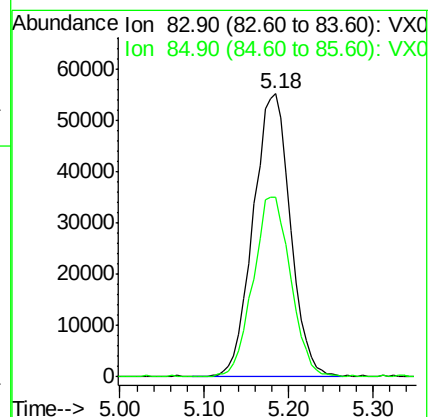
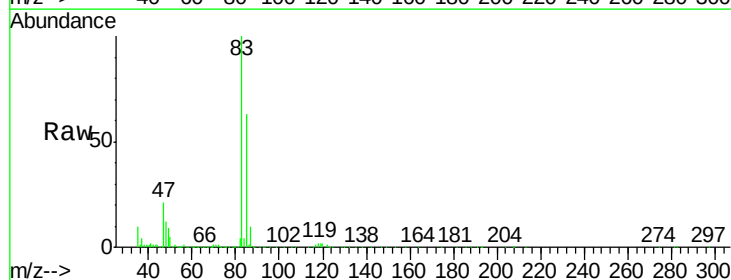
Acq: 19 Aug 2020 13:47

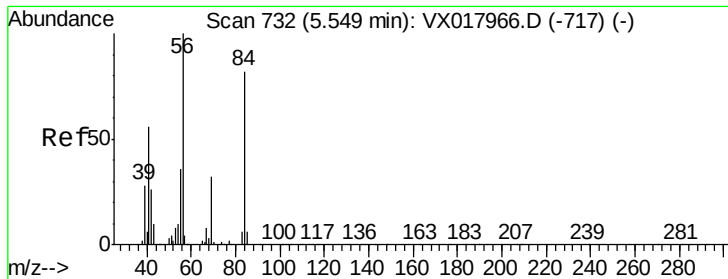
Tgt Ion: 83 Resp: 166083

Ion Ratio Lower Upper

83 100

85 63.1 51.3 76.9

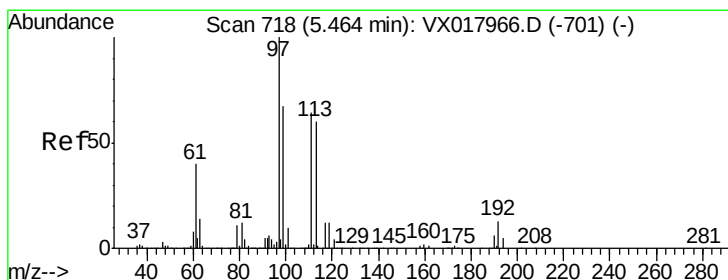
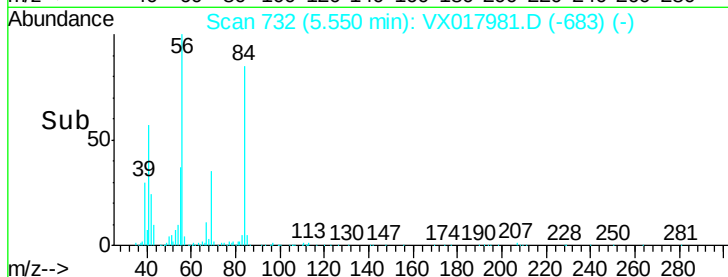
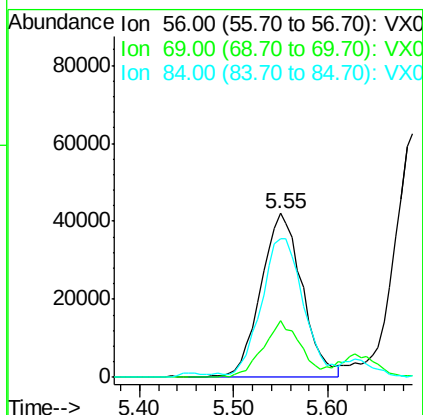
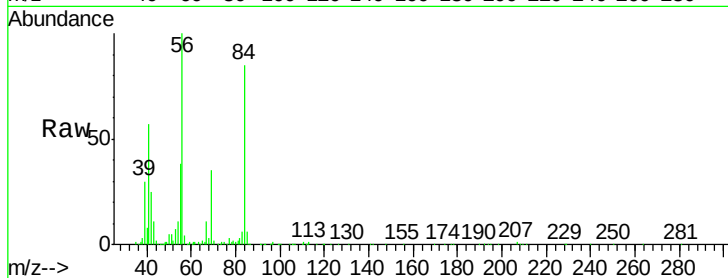




#31
Cyclohexane
Concen: 18.345 ug/l
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

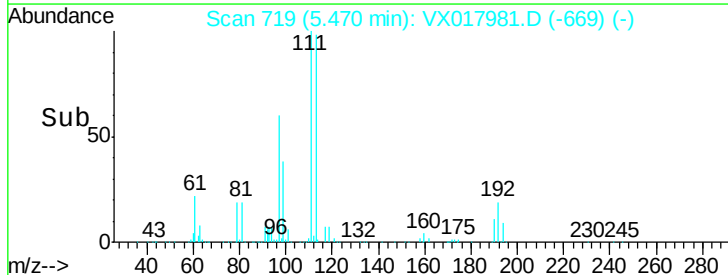
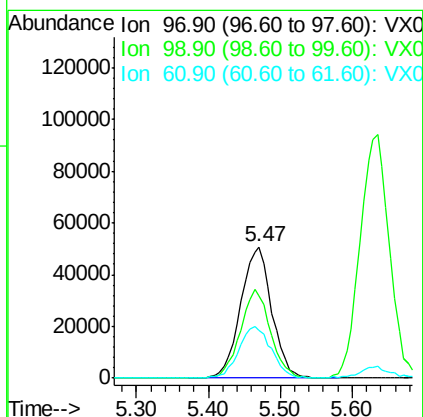
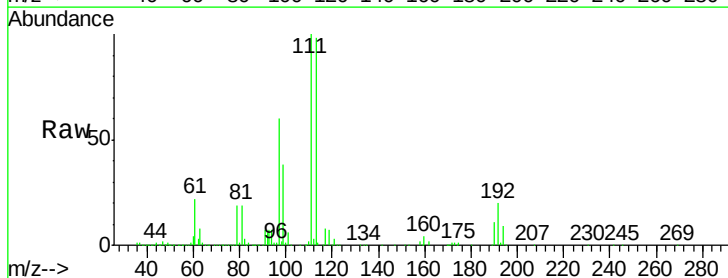
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

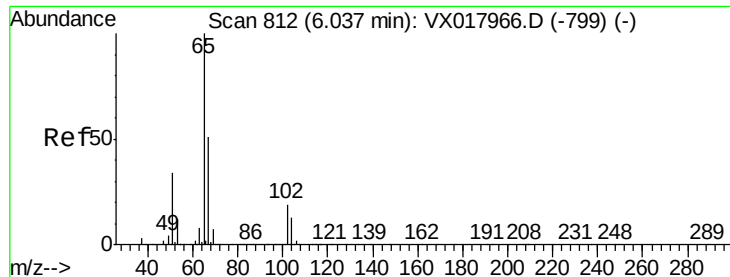
Tgt Ion: 56 Resp: 128238
Ion Ratio Lower Upper
56 100
69 34.5 25.3 37.9
84 82.4 65.3 97.9



#32
1,1,1-Trichloroethane
Concen: 17.764 ug/l
RT: 5.47 min Scan# 719
Delta R.T. 0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion: 97 Resp: 151843
Ion Ratio Lower Upper
97 100
99 65.2 51.4 77.0
61 41.4 33.7 50.5

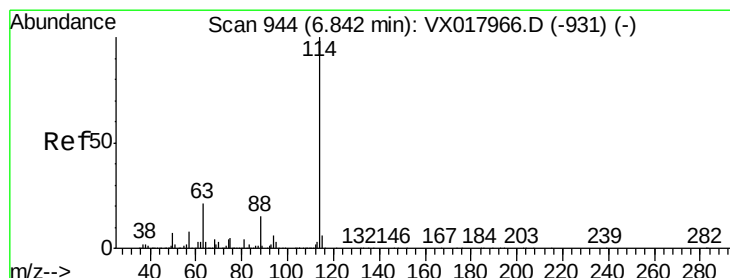
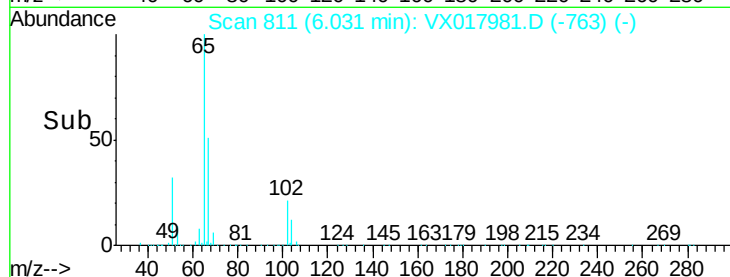
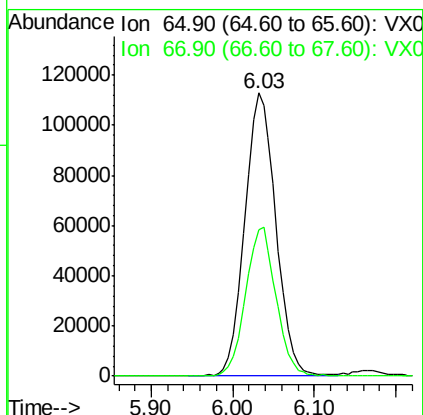
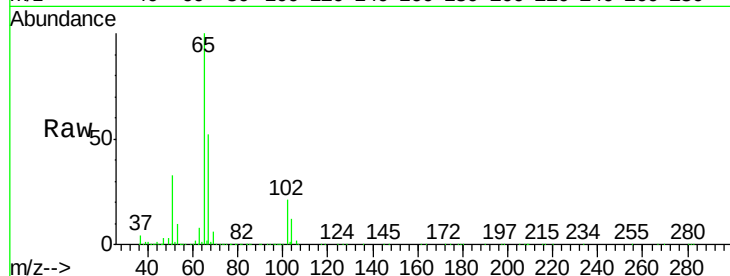




#33
 1,2-Dichloroethane-d4
 Concen: 44.220 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

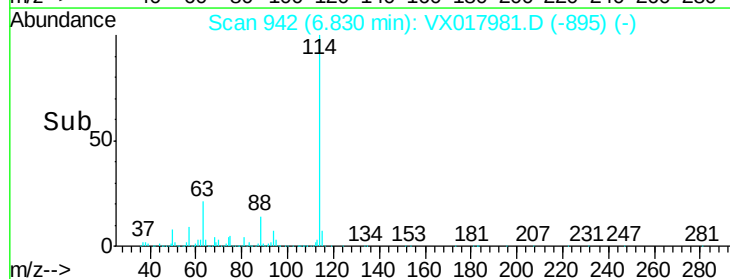
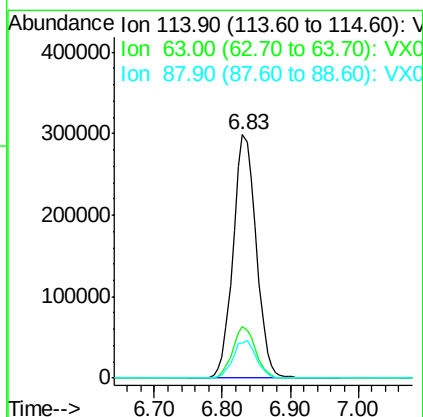
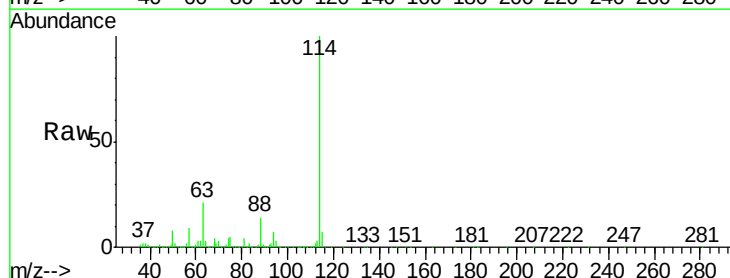
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

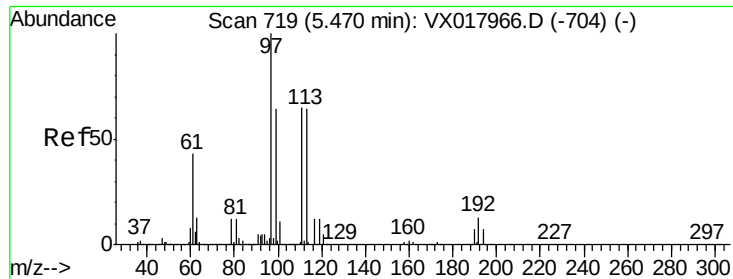
Tgt Ion: 65 Resp: 299123
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 103.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion: 114 Resp: 705370
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 42.6
 88 14.3 0.0 30.2

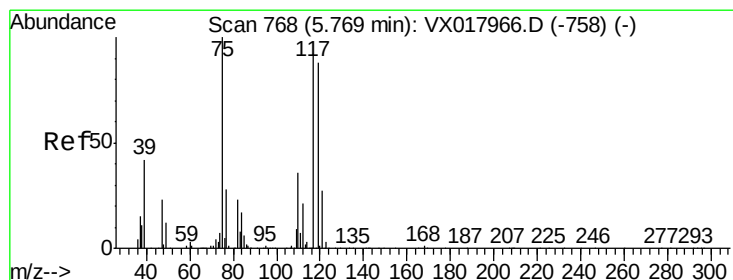
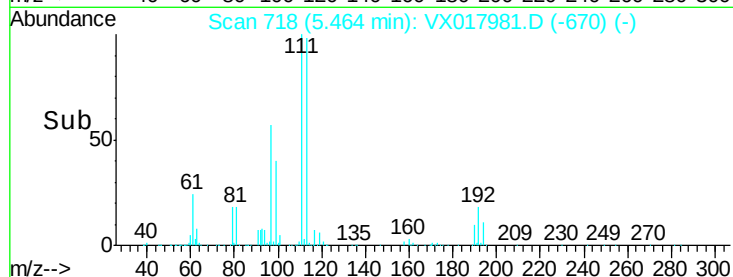
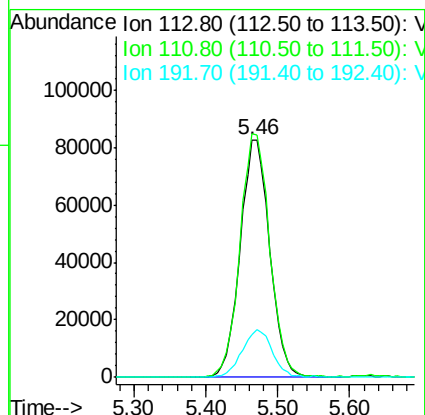
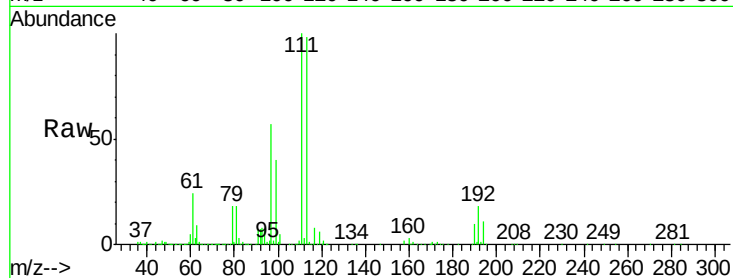




#35
 Dibromofluoromethane
 Concen: 44.885 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

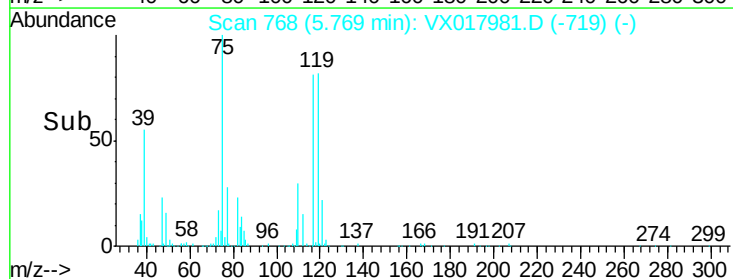
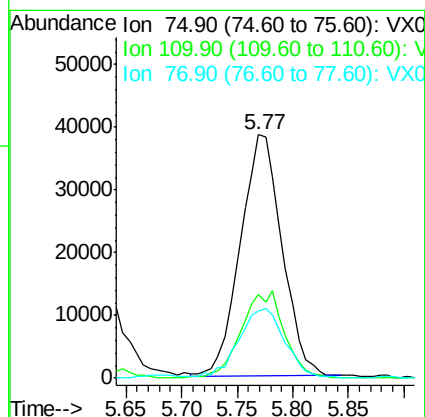
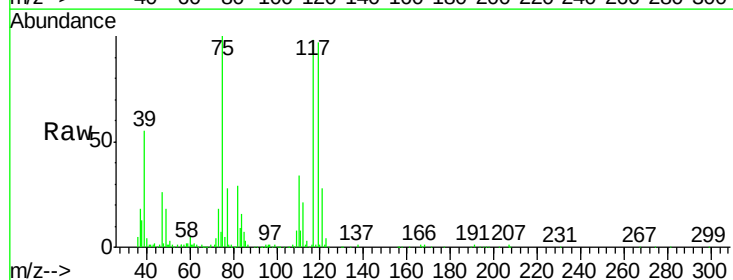
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

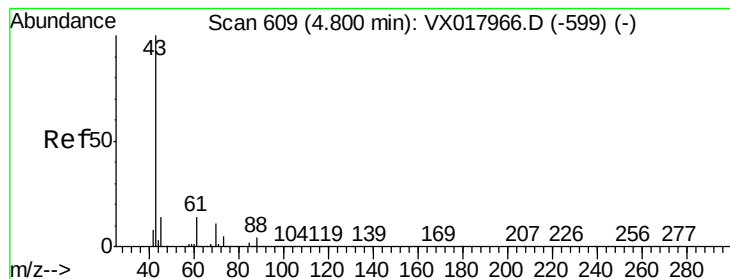
Tgt Ion: 113 Resp: 235771
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.5 125.3
 192 20.5 16.2 24.4



#36
 1,1-Dichloropropene
 Concen: 16.984 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion: 75 Resp: 100275
 Ion Ratio Lower Upper
 75 100
 110 37.5 18.7 56.1
 77 31.3 24.4 36.6





#37

Ethyl Acetate

Concen: 16.669 ug/l

RT: 4.80 min Scan# 609

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampled :

VX0819WBS01

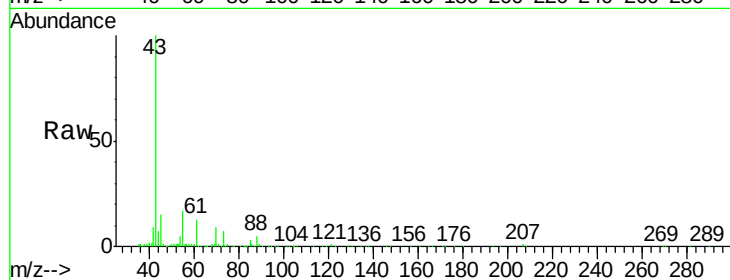
Tgt Ion: 43 Resp: 117751

Ion Ratio Lower Upper

43 100

61 14.2 11.3 16.9

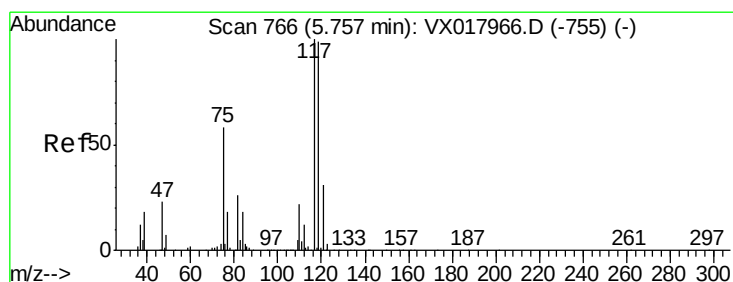
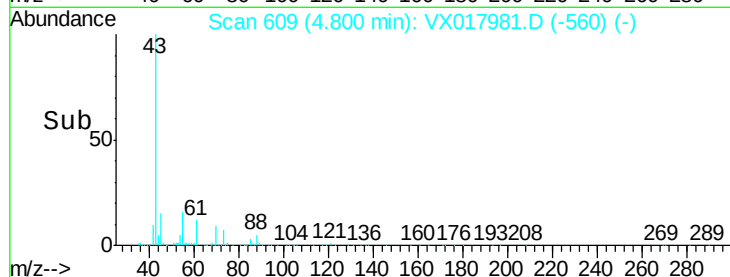
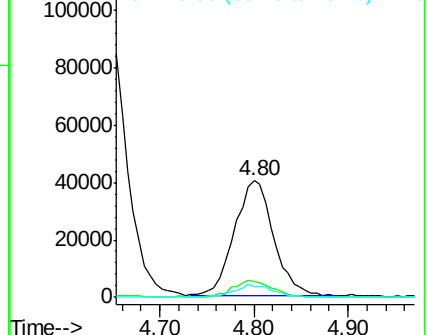
70 10.2 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 17.849 ug/l

RT: 5.76 min Scan# 766

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

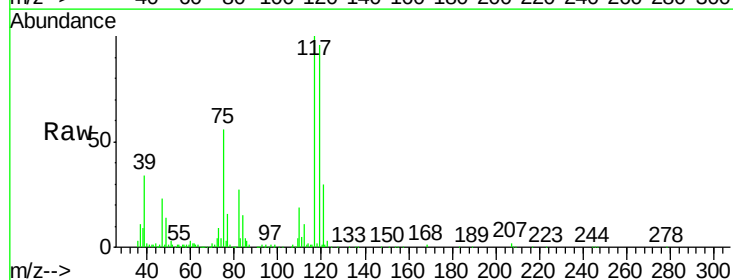
Tgt Ion: 117 Resp: 136383

Ion Ratio Lower Upper

117 100

119 95.1 79.0 118.6

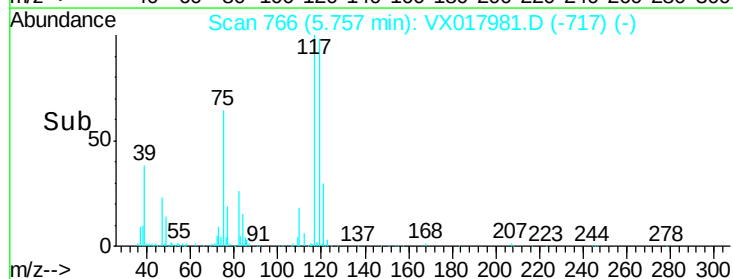
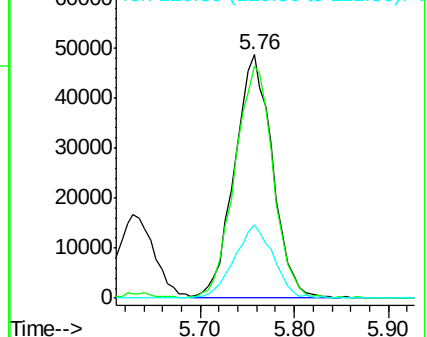
121 30.2 24.7 37.1

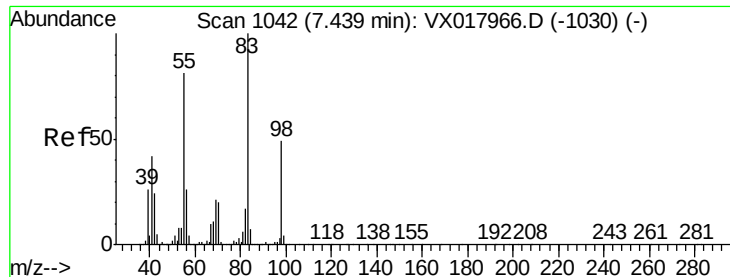


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

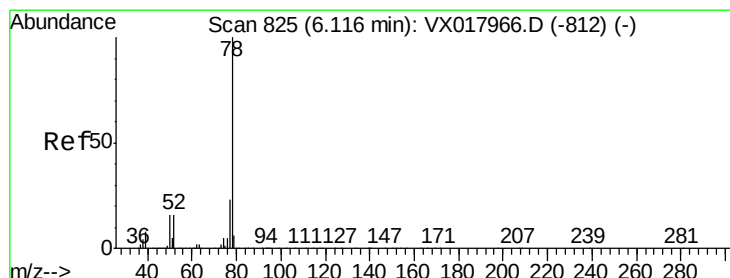
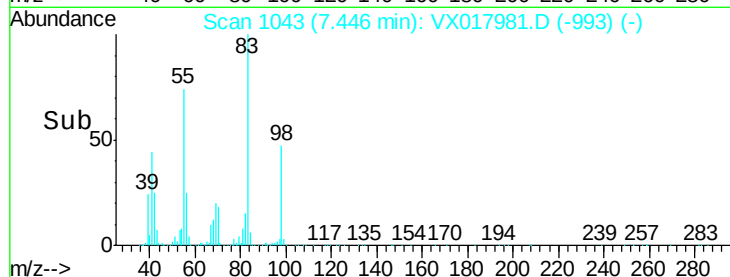
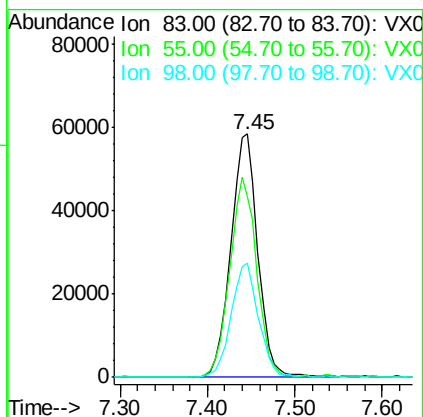
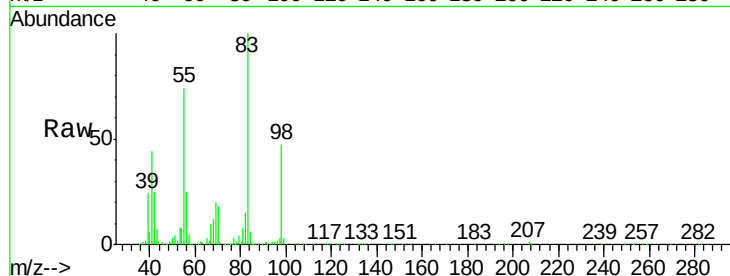




#39
Methylcyclohexane
Concen: 17.055 ug/l
RT: 7.45 min Scan# 1043
Delta R.T. 0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

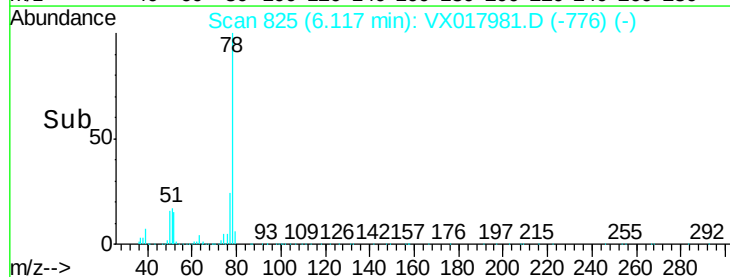
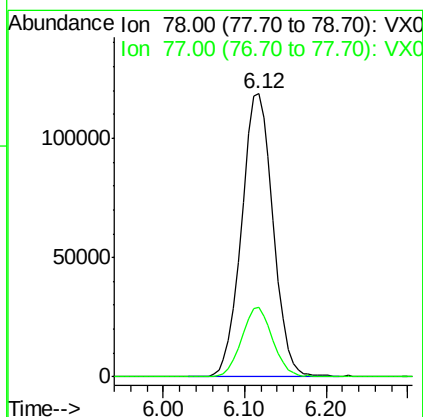
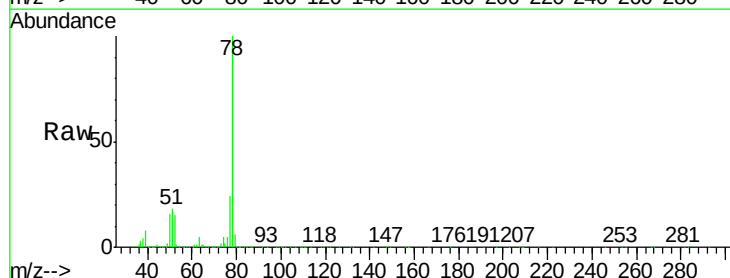
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

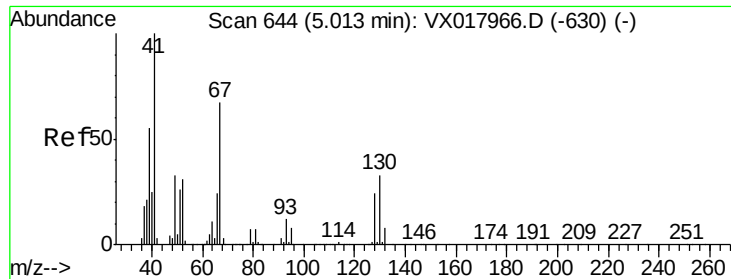
Tgt Ion: 83 Resp: 124846
Ion Ratio Lower Upper
83 100
55 74.3 64.5 96.7
98 47.0 39.0 58.6



#40
Benzene
Concen: 17.942 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion: 78 Resp: 319056
Ion Ratio Lower Upper
78 100
77 24.4 18.8 28.2

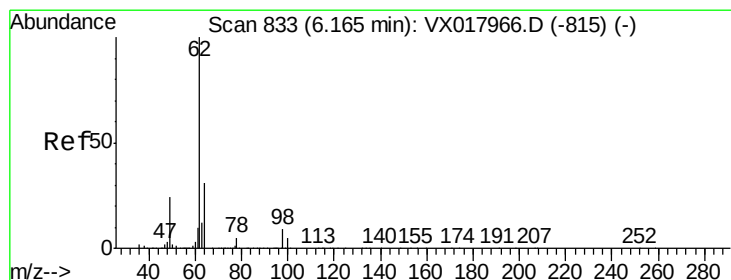
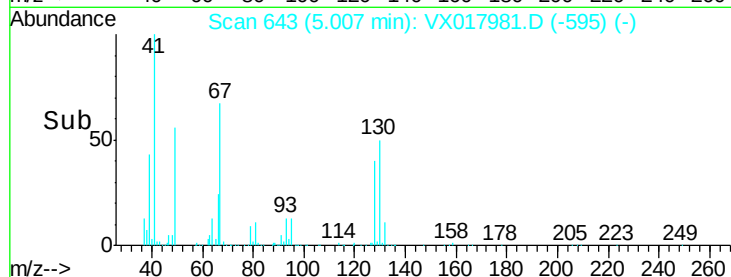
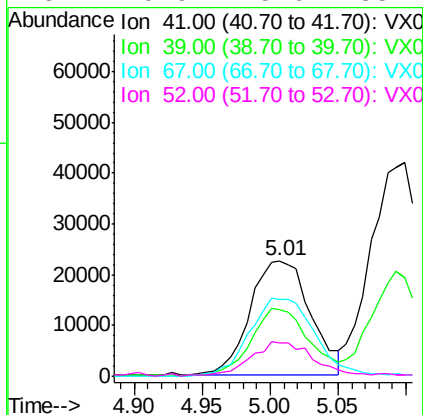
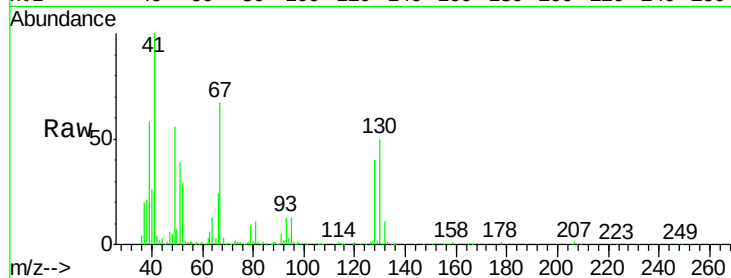




#41
Methacrylonitrile
Concen: 17.400 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

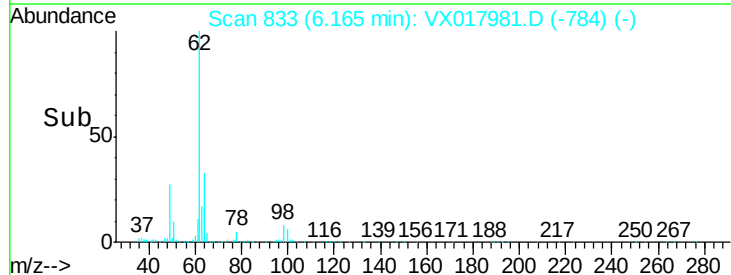
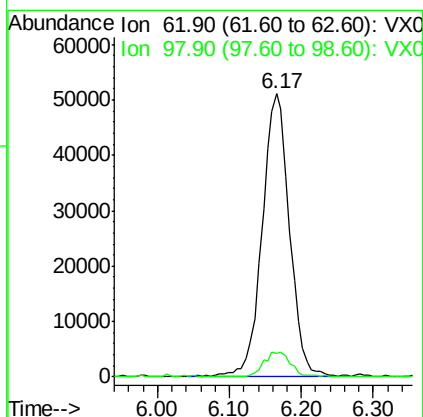
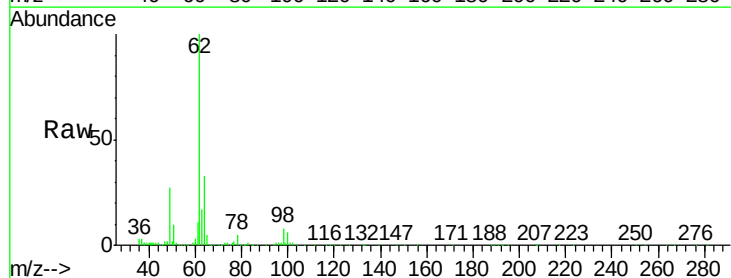
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

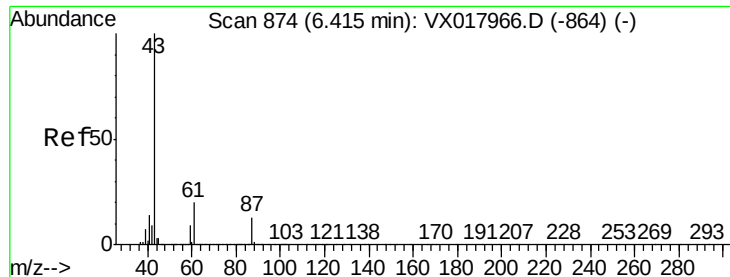
Tgt Ion:	41	Resp:	70449
Ion	Ratio	Lower	Upper
41	100		
39	55.8	44.8	67.2
67	73.0	57.5	86.3
52	29.9	25.6	38.4



#42
1,2-Dichloroethane
Concen: 17.852 ug/l
RT: 6.17 min Scan# 833
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion:	62	Resp:	134841
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.2





#43

Isopropyl Acetate

Concen: 17.162 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampled :

VX0819WBS01

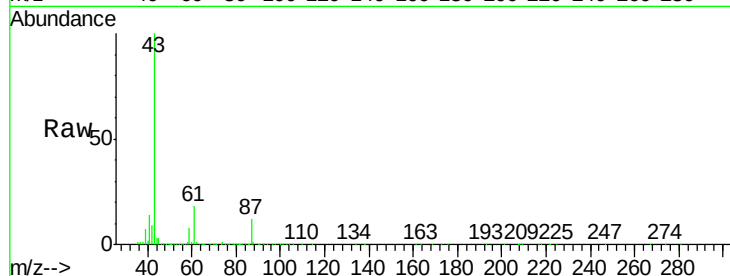
Tgt Ion: 43 Resp: 195700

Ion Ratio Lower Upper

43 100

61 20.4 16.2 24.4

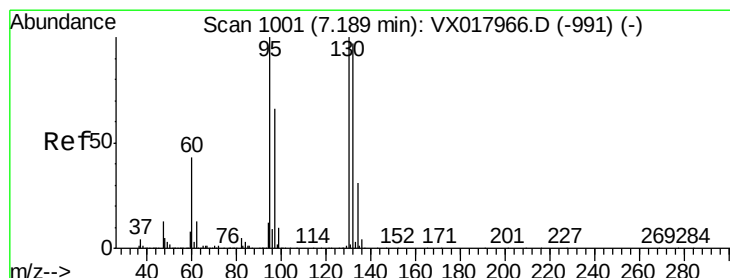
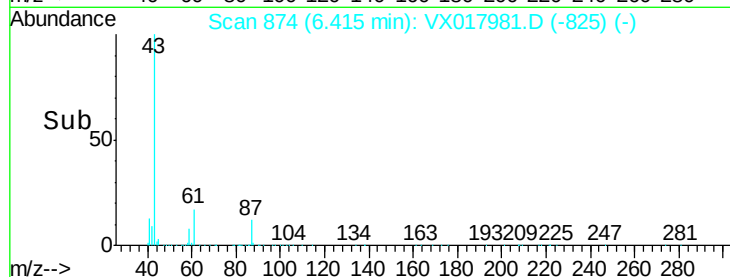
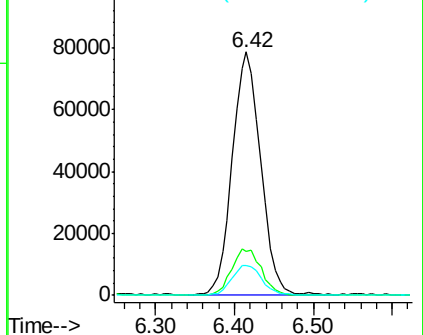
87 12.8 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 17.584 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017981.D

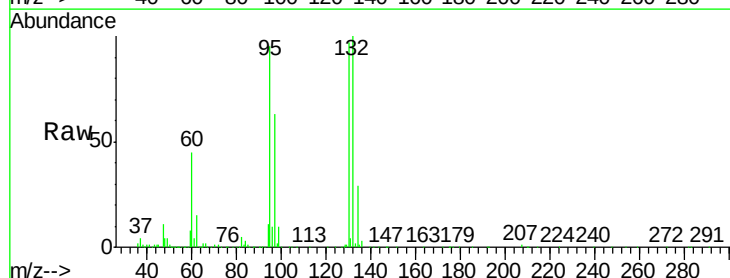
Acq: 19 Aug 2020 13:47

Tgt Ion: 130 Resp: 92728

Ion Ratio Lower Upper

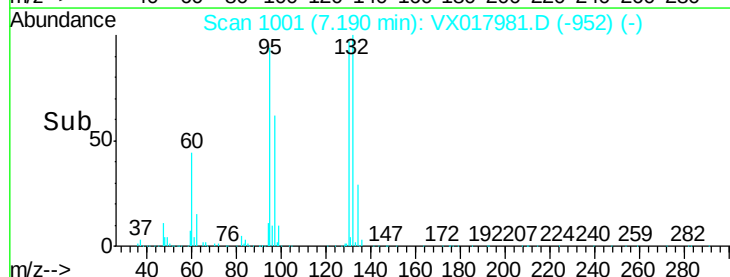
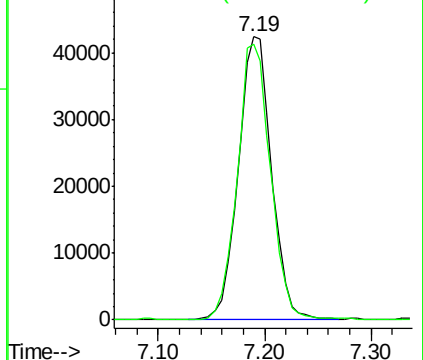
130 100

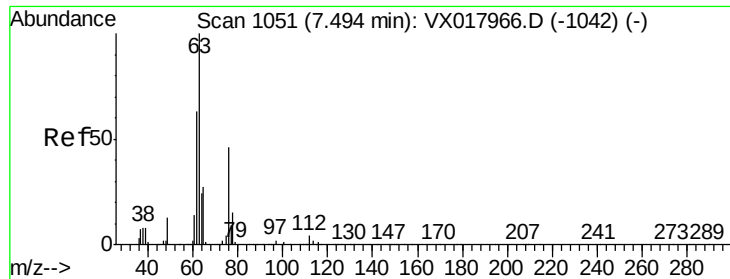
95 97.1 0.0 200.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

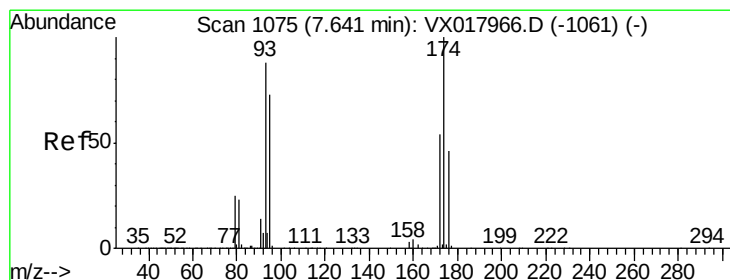
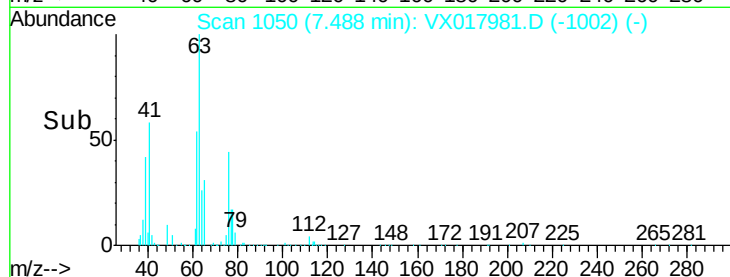
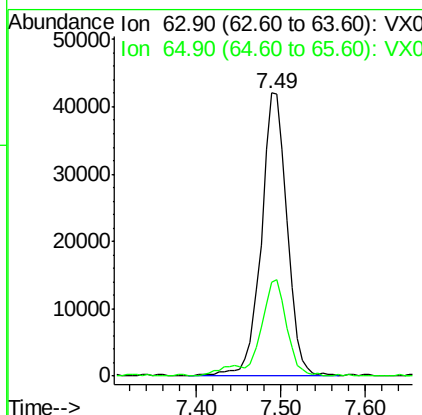
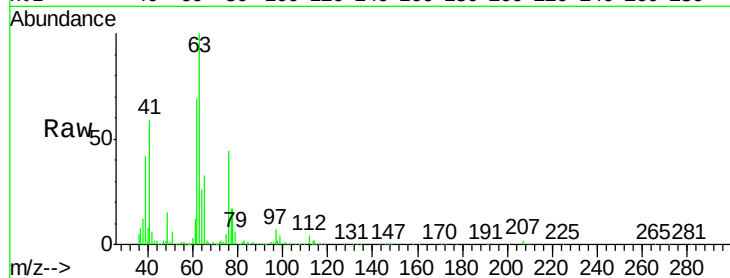




#45
 1,2-Dichloropropane
 Concen: 17.515 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

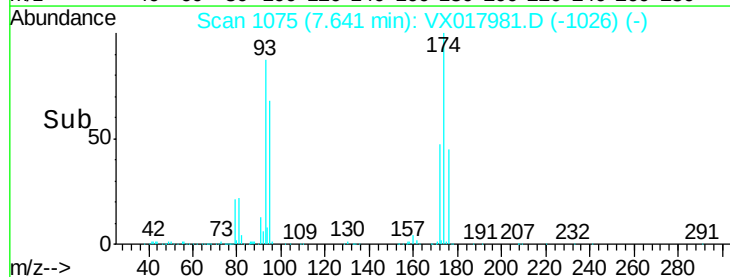
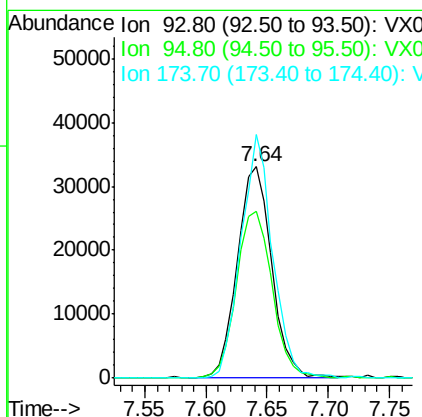
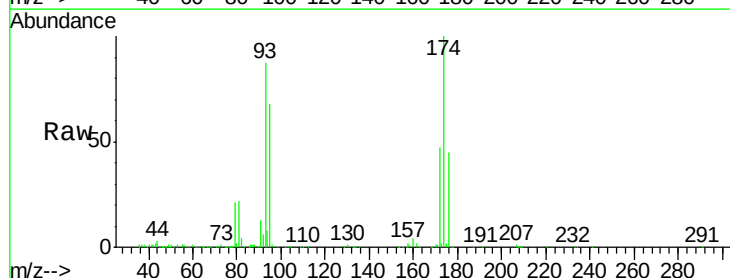
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

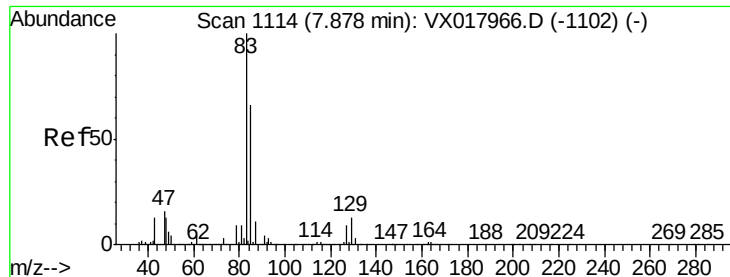
Tgt Ion: 63 Resp: 89237
 Ion Ratio Lower Upper
 63 100
 65 32.8 23.8 35.8



#46
 Dibromomethane
 Concen: 17.959 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion: 93 Resp: 63859
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.8 100.2
 174 107.3 88.3 132.5





#47

Bromodichloromethane

Concen: 17.678 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

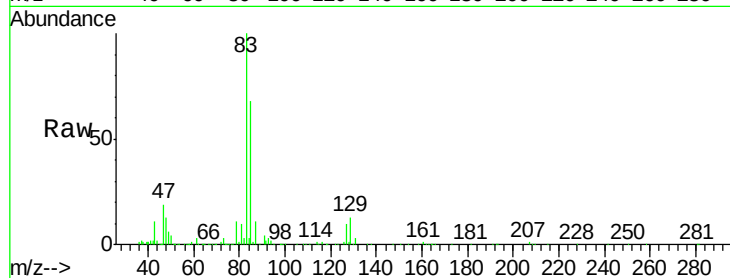
Tgt Ion: 83 Resp: 136466

Ion Ratio Lower Upper

83 100

85 68.2 52.4 78.6

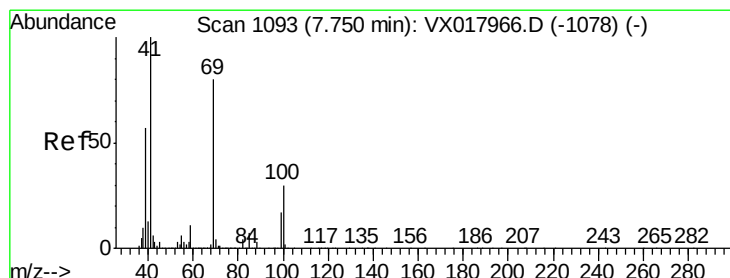
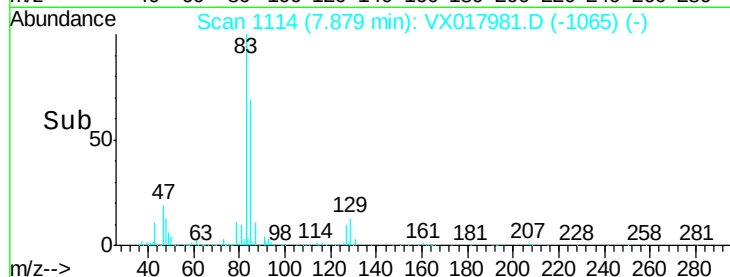
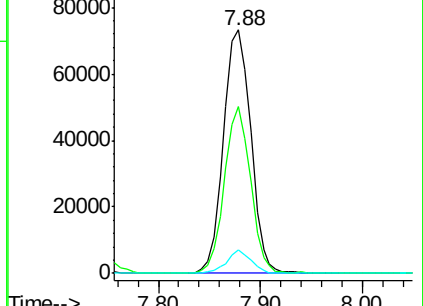
127 9.9 7.0 10.6



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: 17.076 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

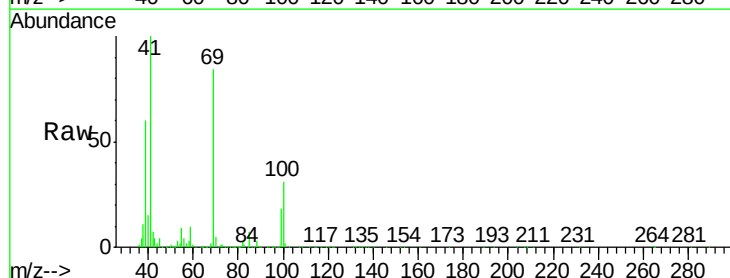
Tgt Ion: 41 Resp: 96534

Ion Ratio Lower Upper

41 100

69 81.8 64.3 96.5

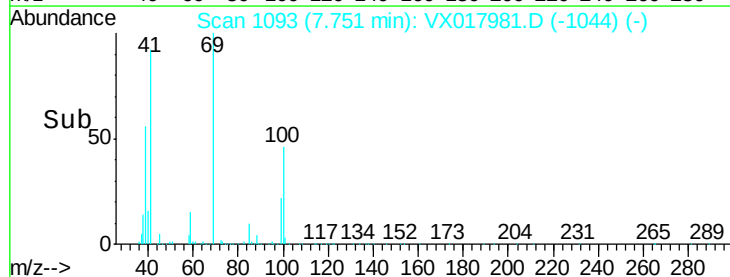
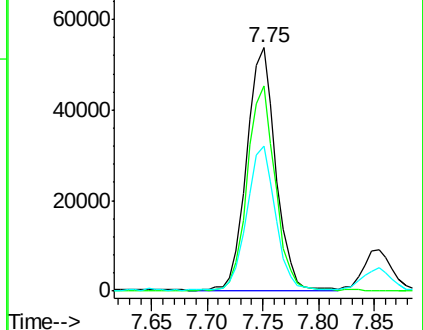
39 58.4 45.3 67.9

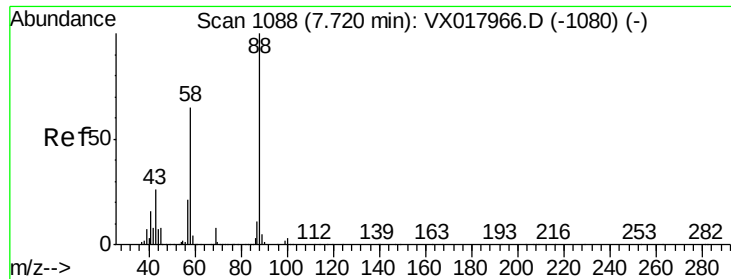


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 292.204 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

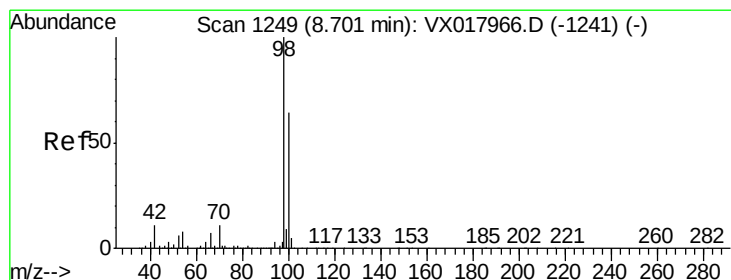
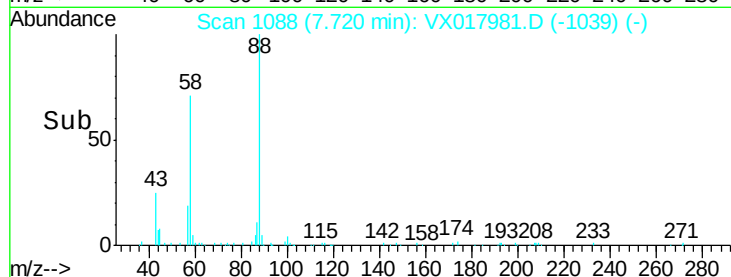
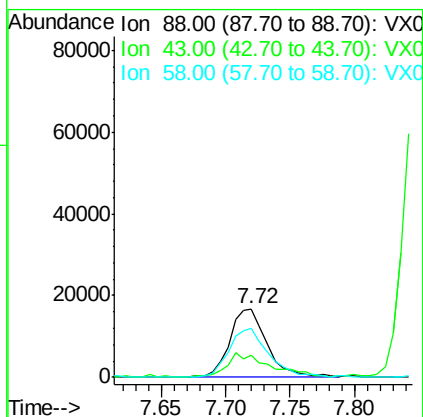
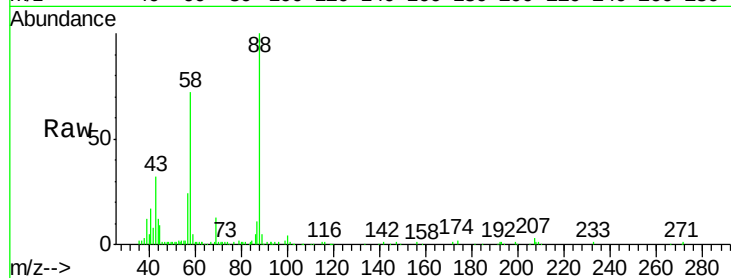
Tgt Ion: 88 Resp: 33818

Ion Ratio Lower Upper

88 100

43 41.4 27.3 40.9#

58 77.1 57.7 86.5



#50

Toluene-d8

Concen: 44.781 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.01 min

Lab File: VX017981.D

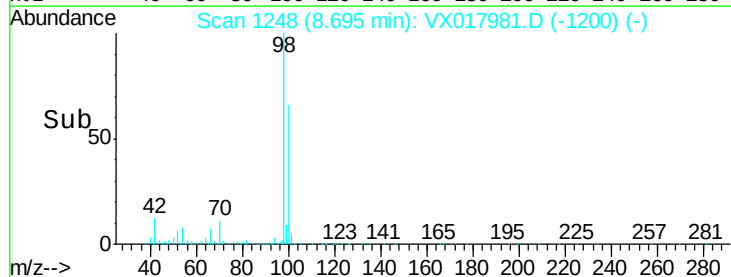
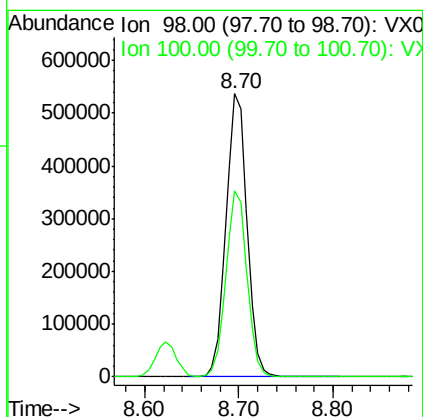
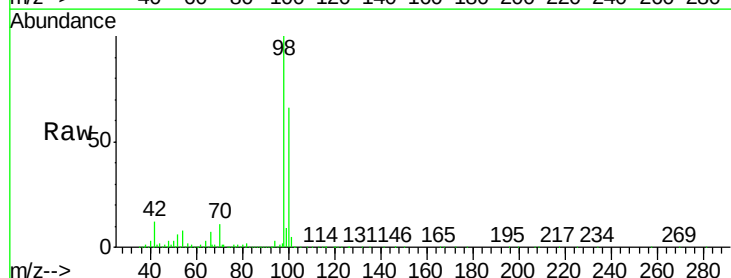
Acq: 19 Aug 2020 13:47

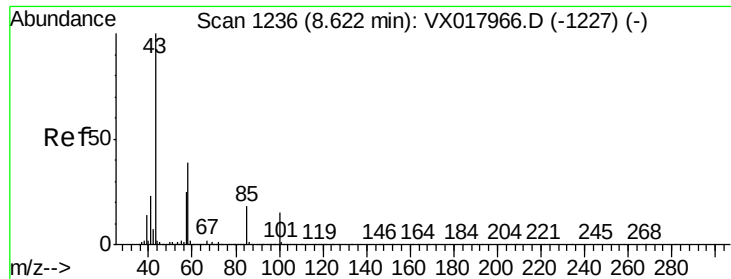
Tgt Ion: 98 Resp: 831456

Ion Ratio Lower Upper

98 100

100 65.6 51.4 77.2

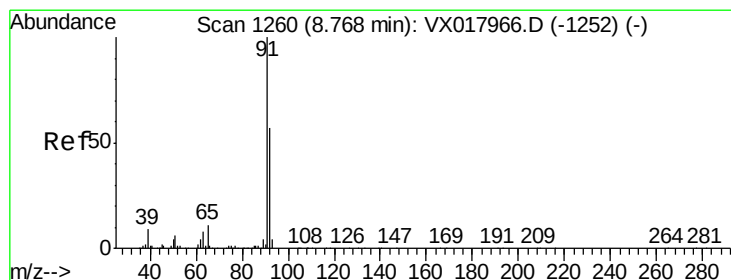
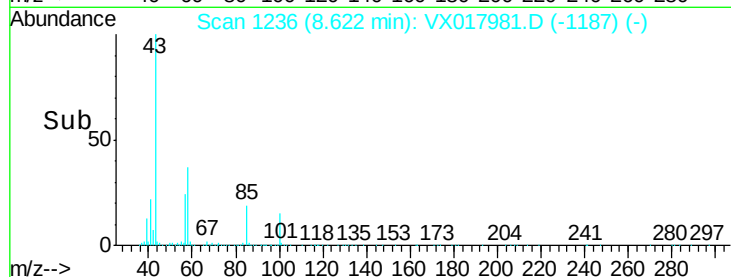
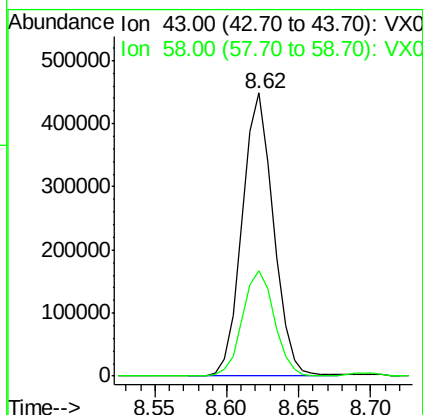
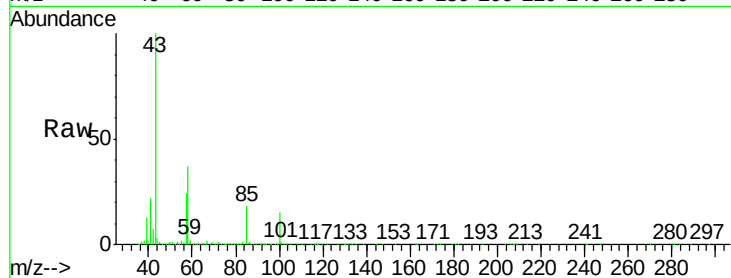




#51
 4-Methyl-2-Pentanone
 Concen: 88.002 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

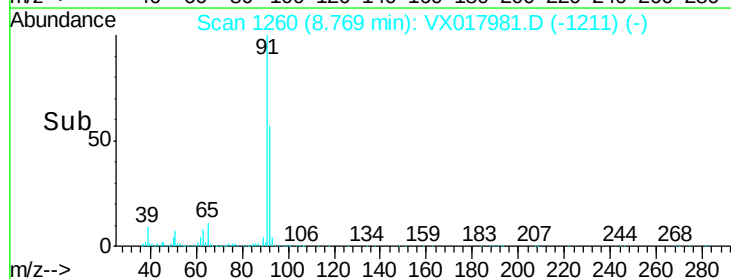
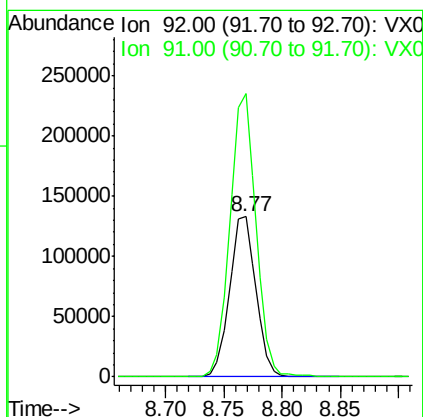
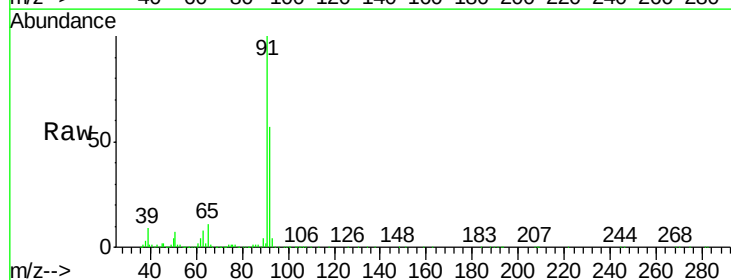
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

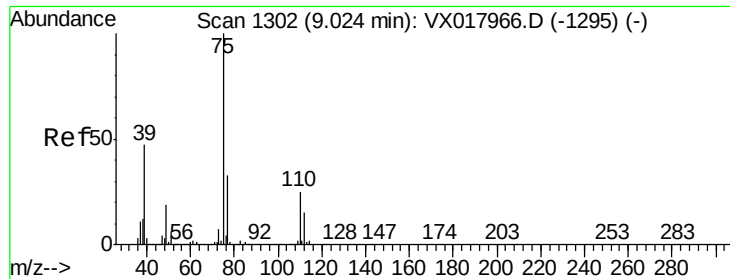
Tgt Ion: 43 Resp: 675662
 Ion Ratio Lower Upper
 43 100
 58 38.1 31.0 46.4



#52
 Toluene
 Concen: 17.954 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion: 92 Resp: 208877
 Ion Ratio Lower Upper
 92 100
 91 174.8 138.4 207.6





#53

t-1,3-Dichloropropene

Concen: 17.231 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampled :

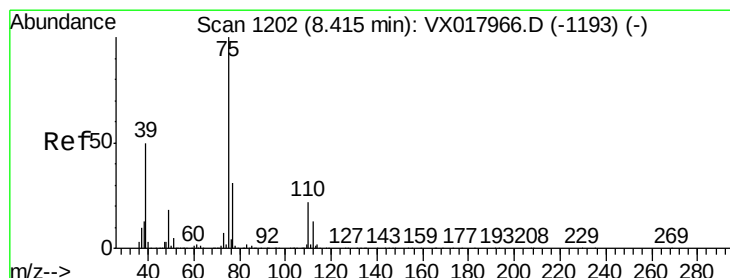
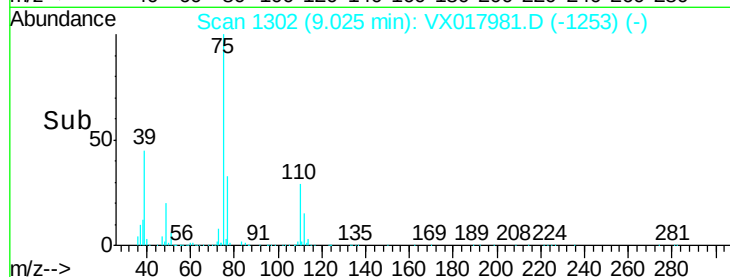
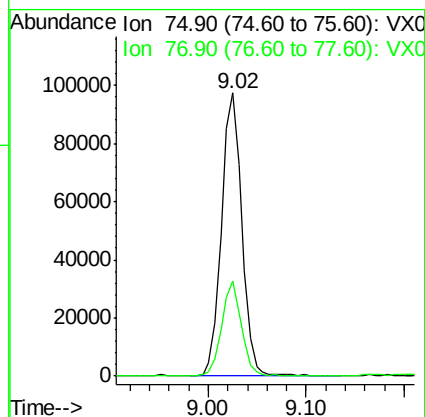
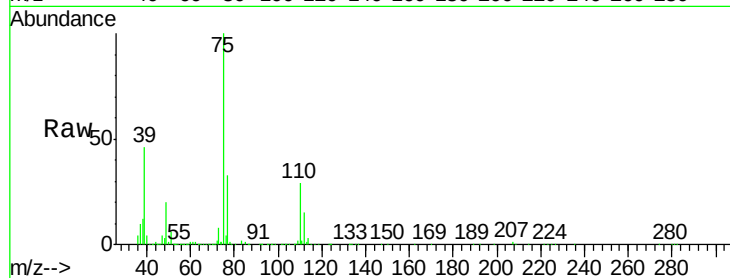
VX0819WBS01

Tgt Ion: 75 Resp: 140679

Ion Ratio Lower Upper

75 100

77 33.4 26.1 39.1



#54

cis-1,3-Dichloropropene

Concen: 17.125 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

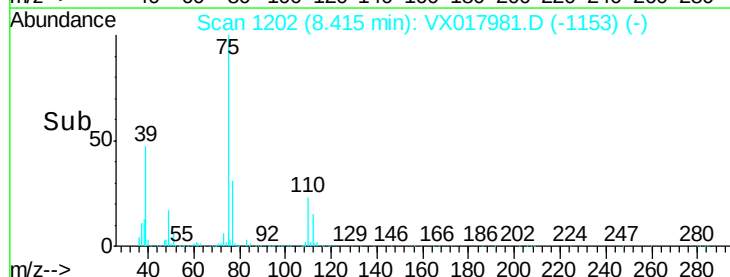
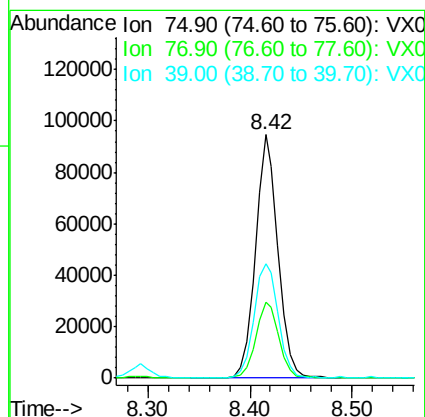
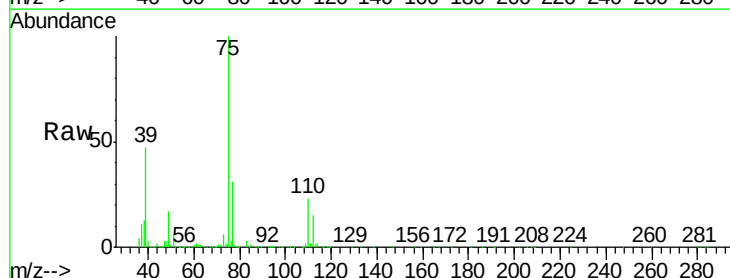
Tgt Ion: 75 Resp: 145781

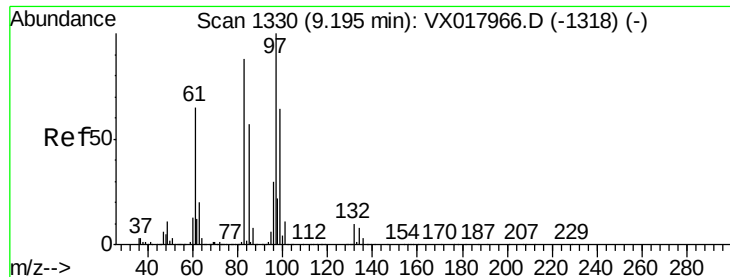
Ion Ratio Lower Upper

75 100

77 30.9 24.6 36.8

39 46.9 39.7 59.5

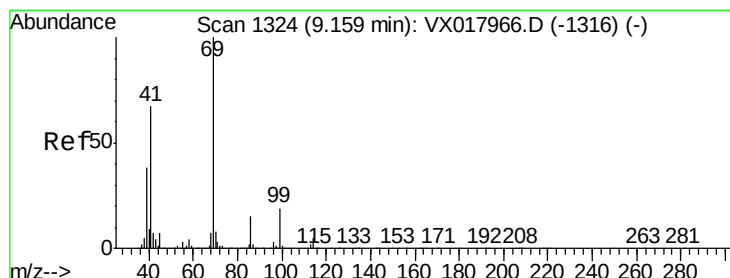
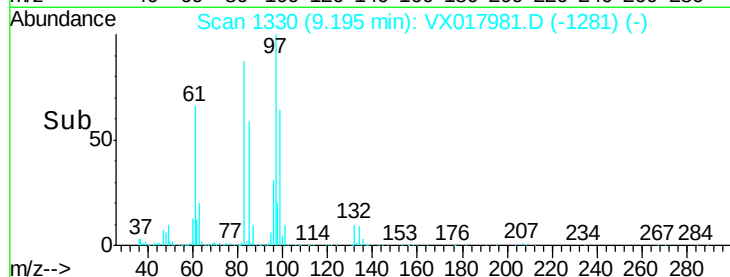
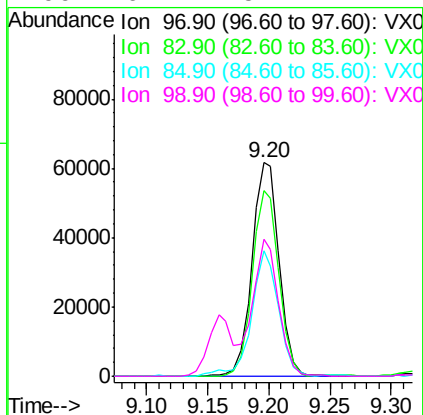
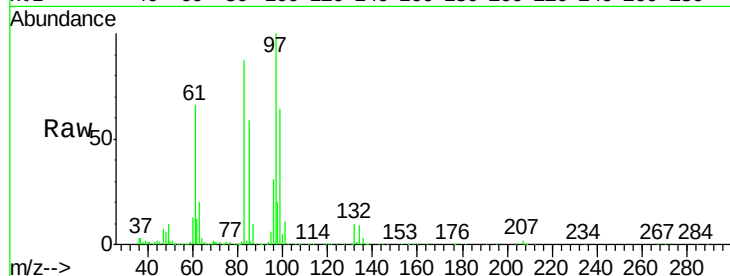




#55
 1,1,2-Trichloroethane
 Concen: 17.864 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

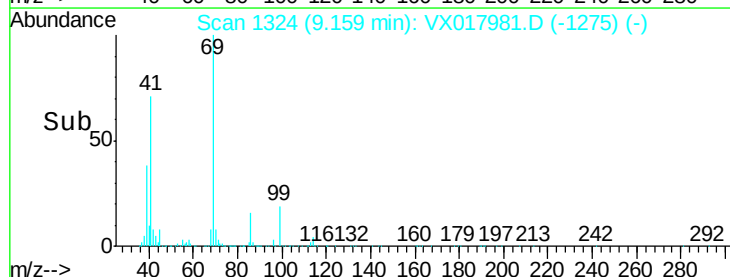
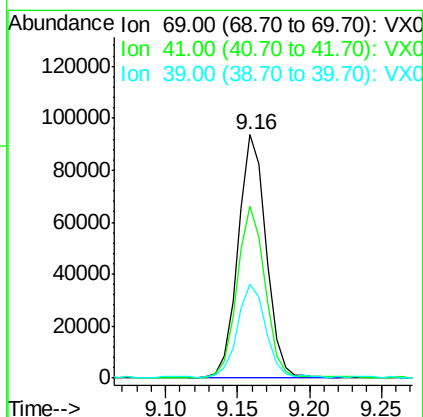
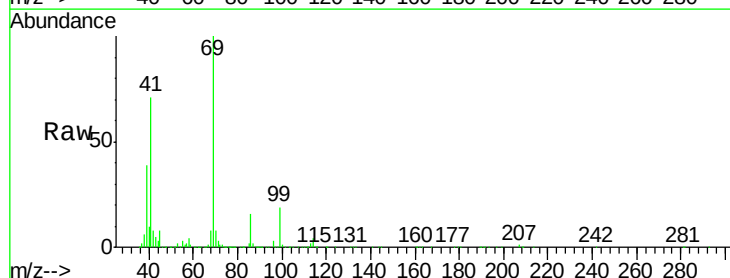
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

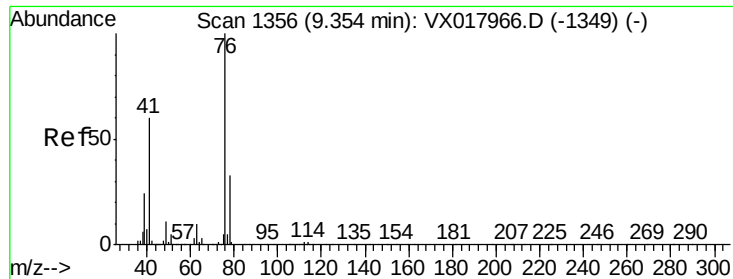
Tgt Ion:	97	Resp:	95480
Ion	Ratio	Lower	Upper
97	100		
83	86.7	70.1	105.1
85	58.6	45.8	68.8
99	64.2	51.4	77.2



#56
 Ethyl methacrylate
 Concen: 16.761 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion:	69	Resp:	126655
Ion	Ratio	Lower	Upper
69	100		
41	69.7	52.3	78.5
39	38.7	29.2	43.8

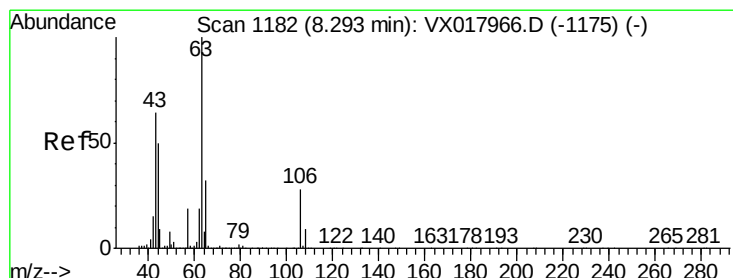
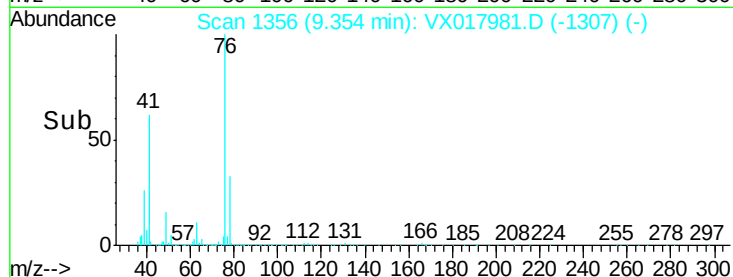
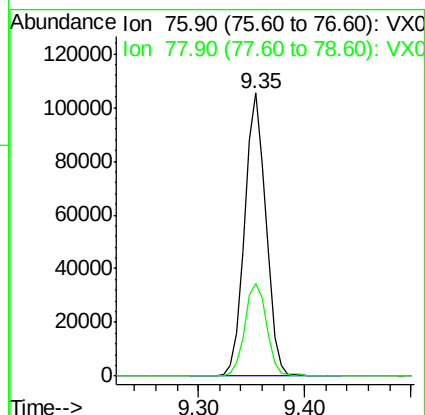
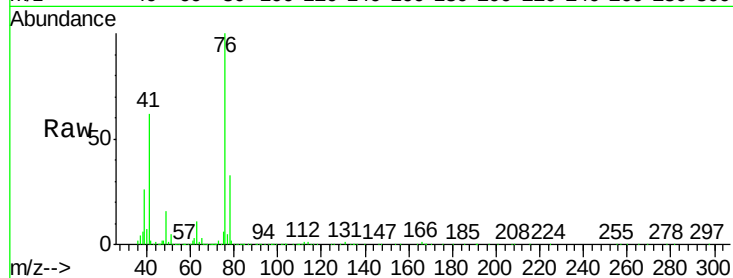




#57
 1,3-Dichloropropane
 Concen: 17.554 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

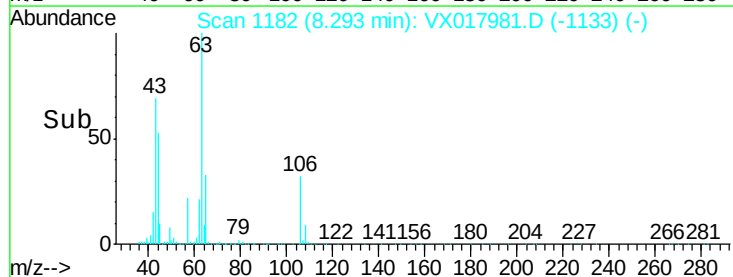
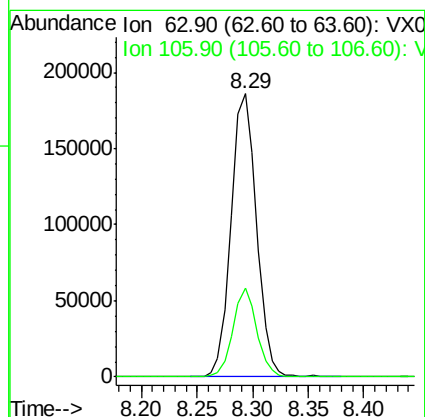
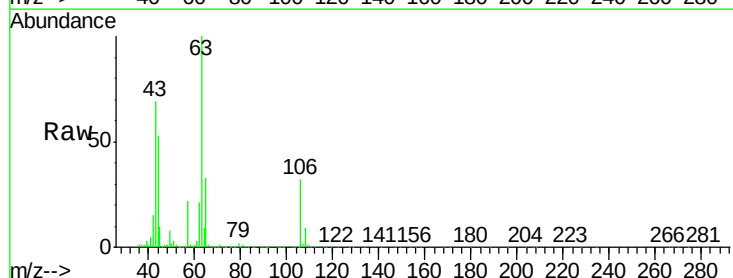
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

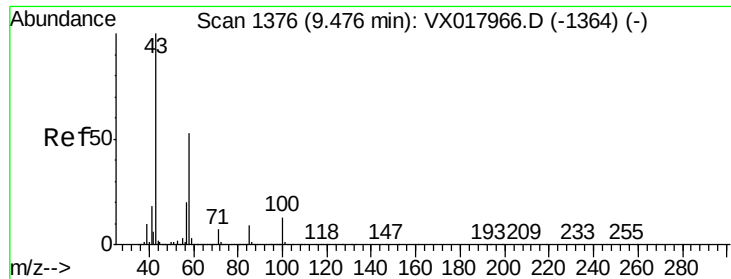
Tgt Ion: 76 Resp: 149001
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 80.547 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion: 63 Resp: 294753
 Ion Ratio Lower Upper
 63 100
 106 29.5 23.0 34.4

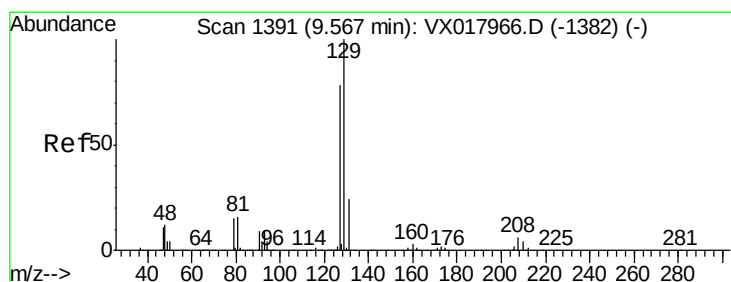
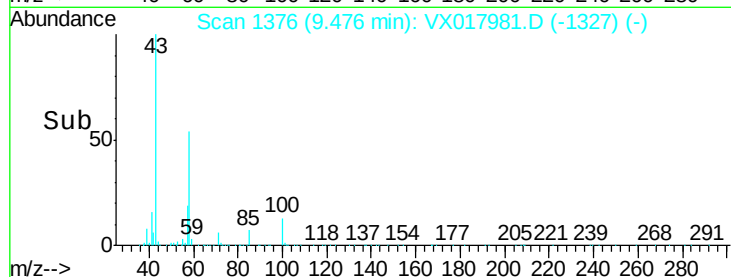
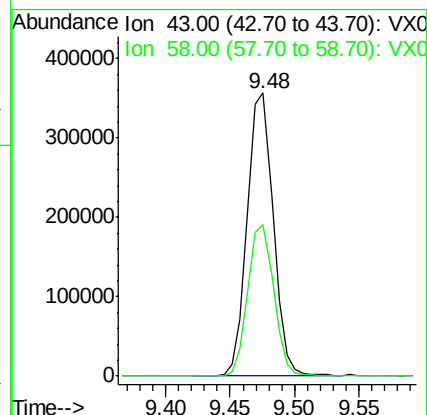
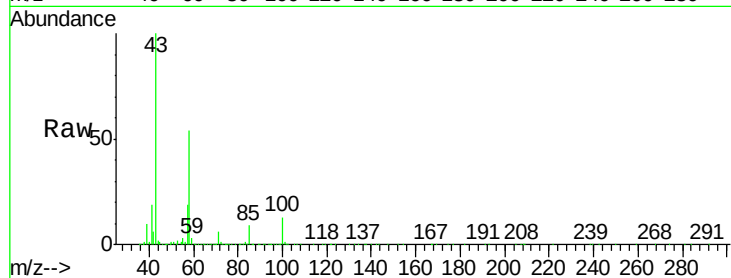




#59
2-Hexanone
Concen: 85.623 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

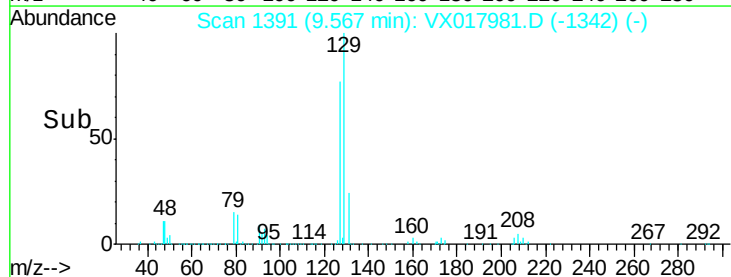
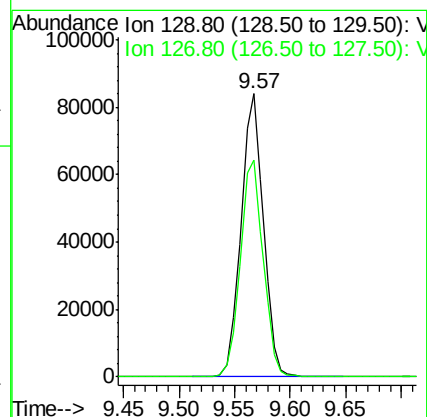
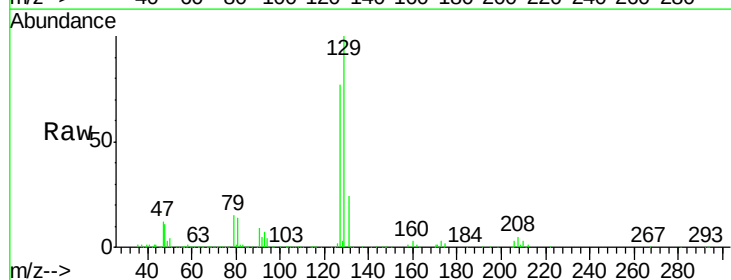
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

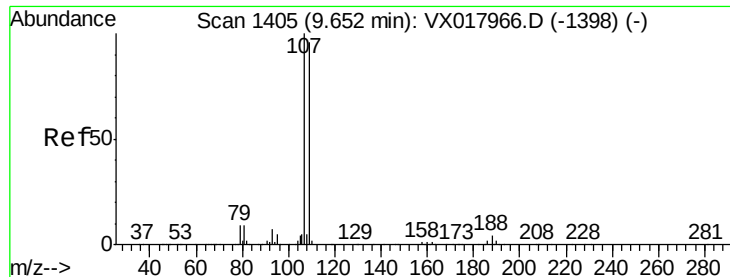
Tgt Ion: 43 Resp: 498135
Ion Ratio Lower Upper
43 100
58 53.4 26.4 79.0



#60
Dibromochloromethane
Concen: 17.517 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion: 129 Resp: 116926
Ion Ratio Lower Upper
129 100
127 78.0 39.5 118.3





#61

1,2-Dibromoethane

Concen: 16.964 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

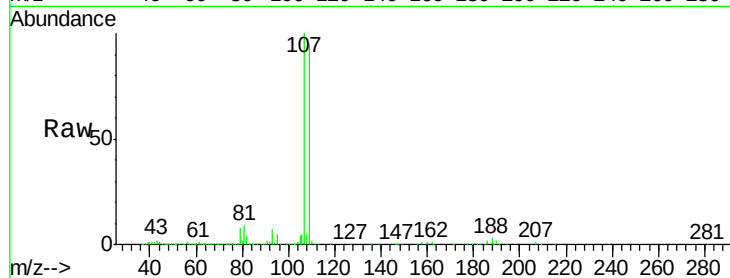
VX0819WBS01

Tgt Ion: 107 Resp: 100427

Ion Ratio Lower Upper

107 100

109 92.7 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

80000

60000

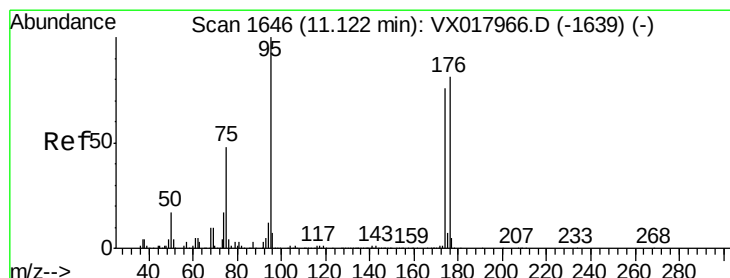
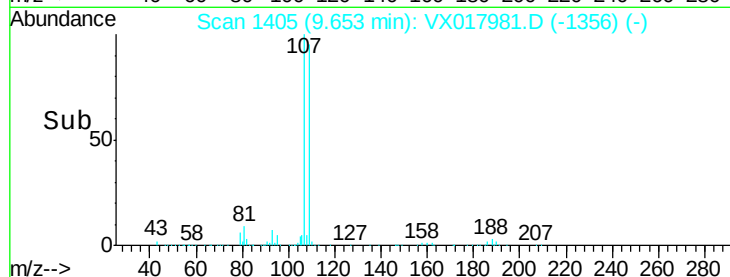
40000

20000

0

Time-->

9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 47.694 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

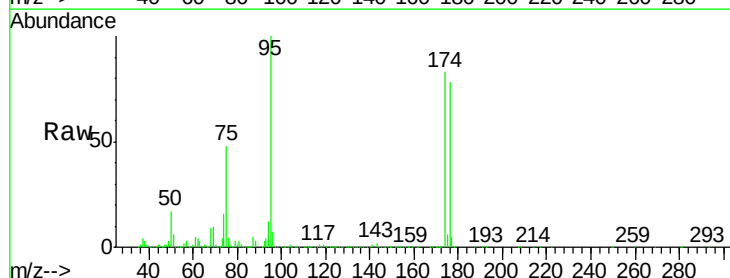
Tgt Ion: 95 Resp: 327070

Ion Ratio Lower Upper

95 100

174 83.1 0.0 166.0

176 77.6 0.0 161.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

300000

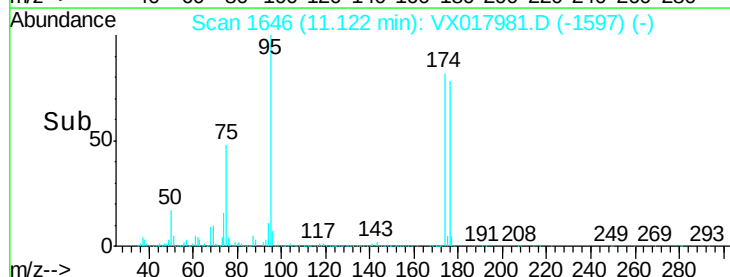
200000

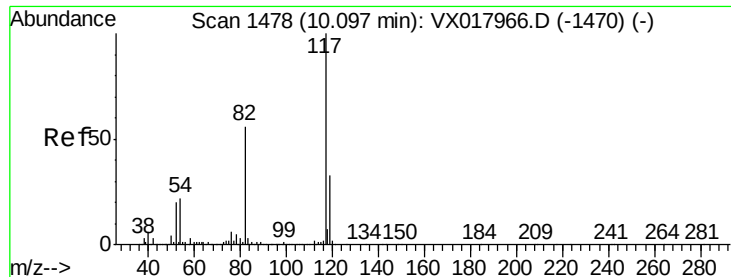
100000

0

Time-->

11.05 11.10 11.15 11.20

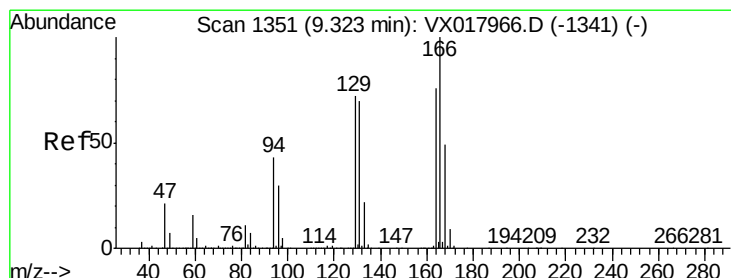
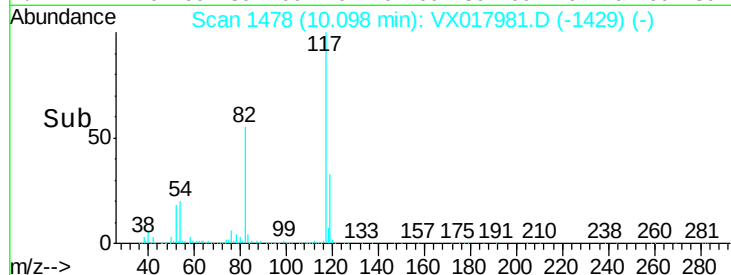
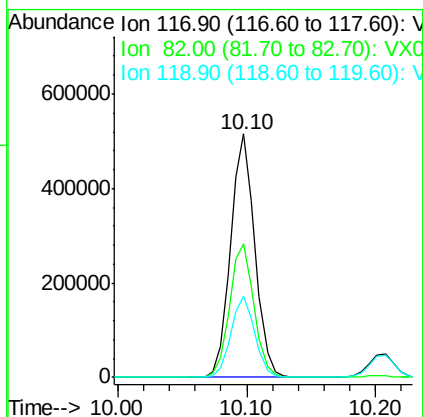
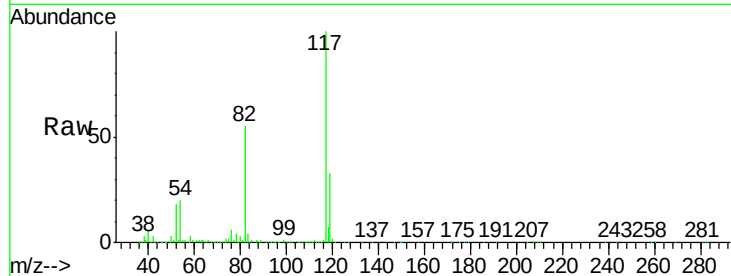




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

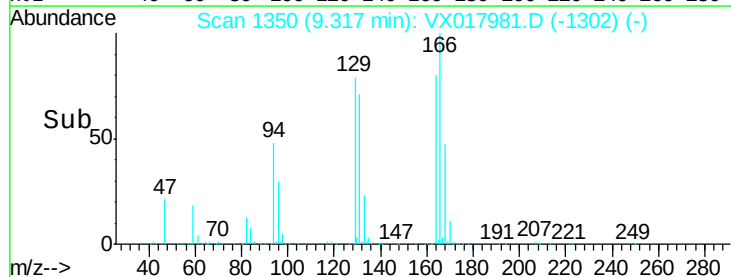
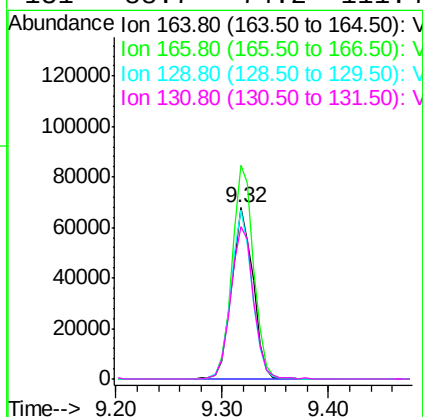
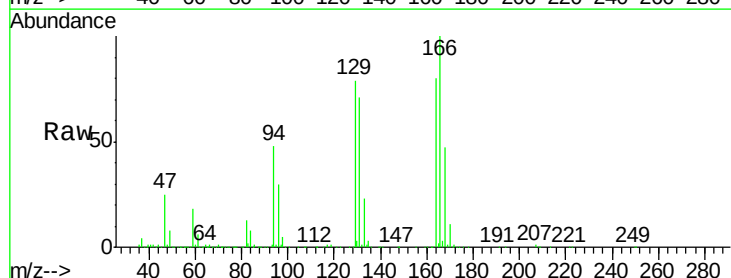
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

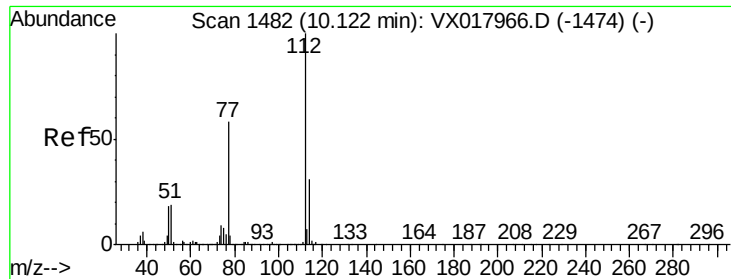
Tgt Ion:117 Resp: 678256
Ion Ratio Lower Upper
117 100
82 54.8 44.6 66.8
119 33.1 26.2 39.4



#64
Tetrachloroethene
Concen: 18.530 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.01 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion:164 Resp: 95981
Ion Ratio Lower Upper
164 100
166 124.7 105.7 158.5
129 98.3 75.8 113.8
131 88.7 74.2 111.4





#65

Chlorobenzene

Concen: 18.135 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

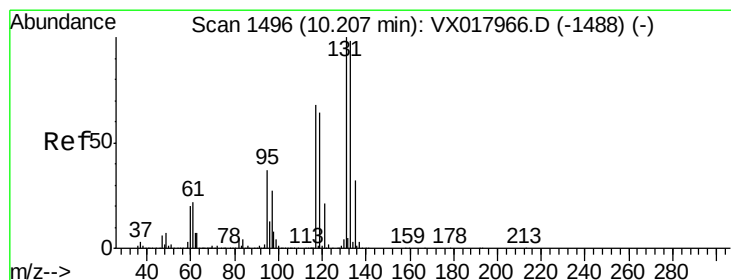
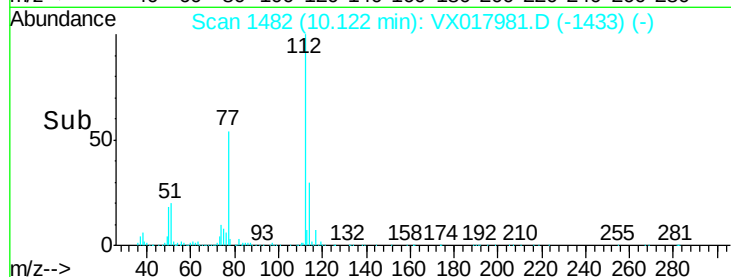
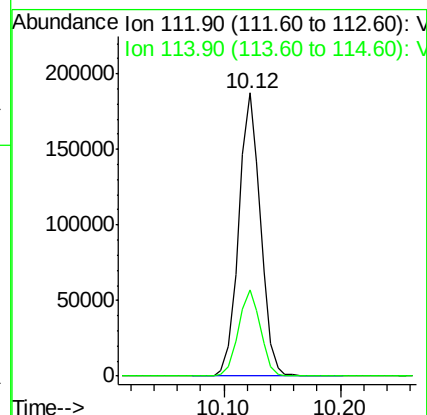
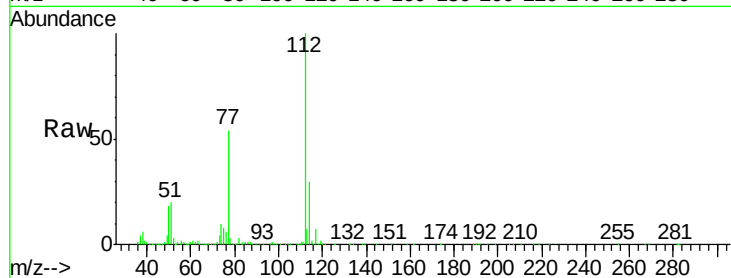
VX0819WBS01

Tgt Ion:112 Resp: 244162

Ion Ratio Lower Upper

112 100

114 30.3 25.0 37.6



#66

1,1,1,2-Tetrachloroethane

Concen: 18.017 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

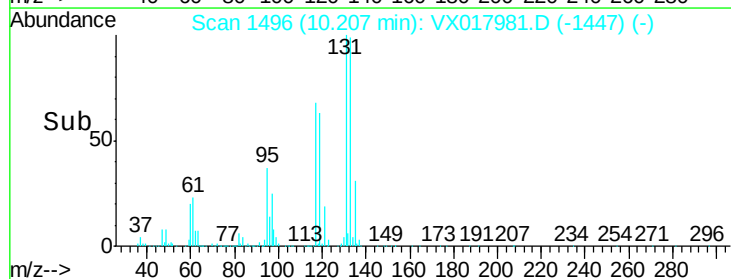
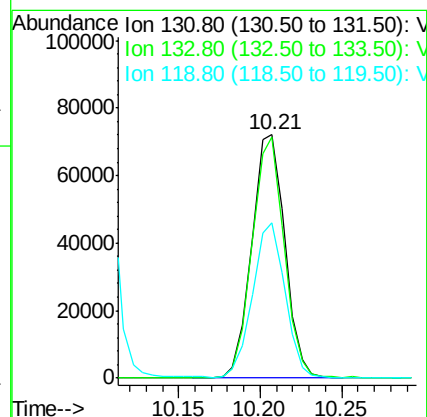
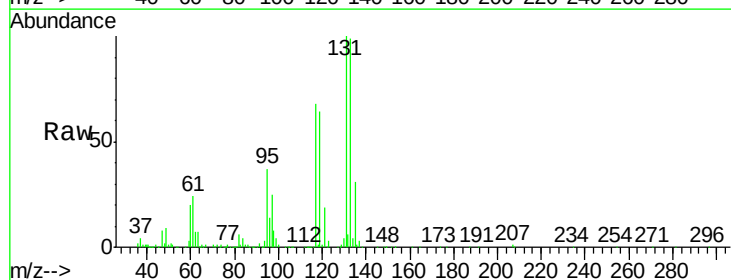
Tgt Ion:131 Resp: 102607

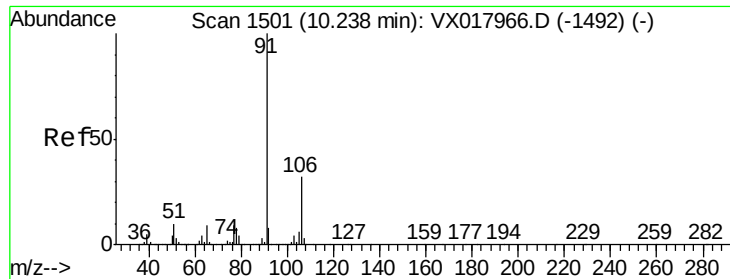
Ion Ratio Lower Upper

131 100

133 95.5 48.4 145.3

119 62.4 31.6 94.8





#67

Ethyl Benzene

Concen: 18.008 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

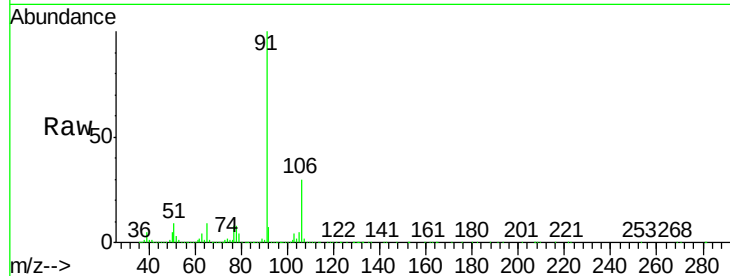
VX0819WBS01

Tgt Ion: 91 Resp: 399673

Ion Ratio Lower Upper

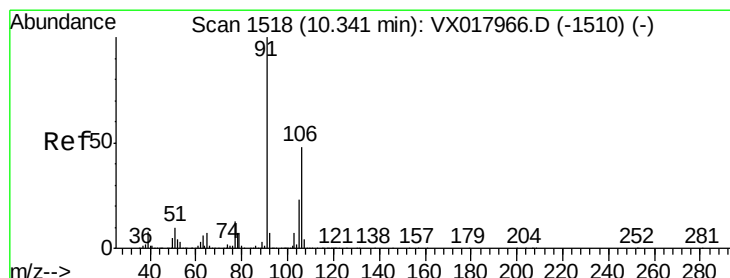
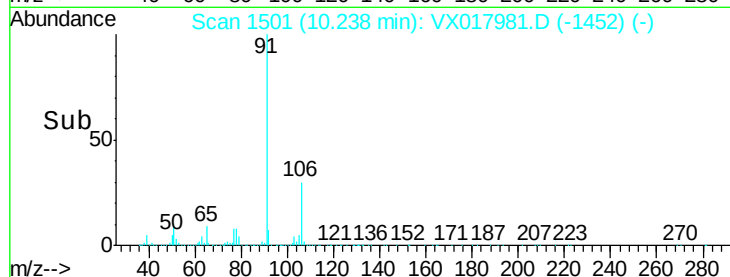
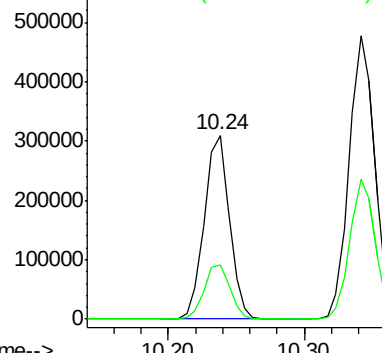
91 100

106 29.5 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 35.967 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX017981.D

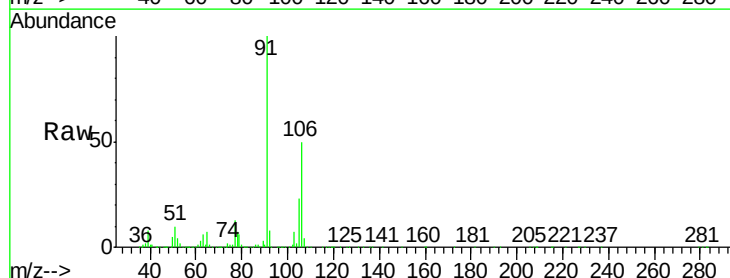
Acq: 19 Aug 2020 13:47

Tgt Ion: 106 Resp: 307325

Ion Ratio Lower Upper

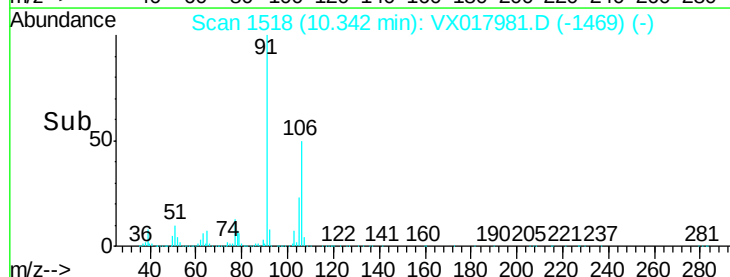
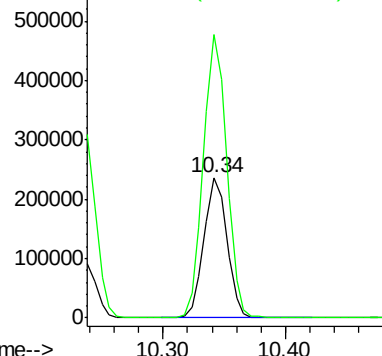
106 100

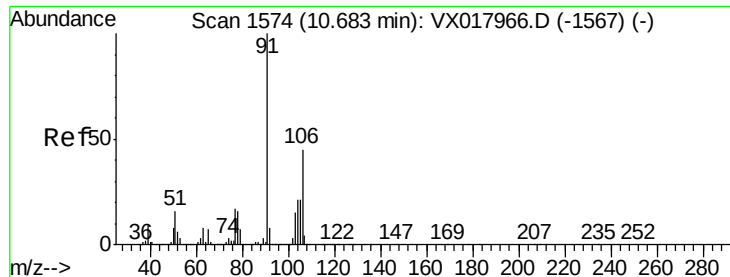
91 203.7 167.4 251.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

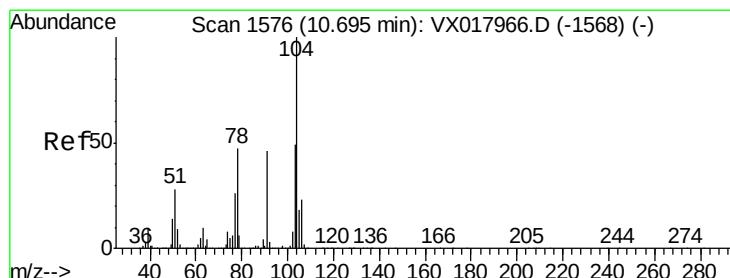
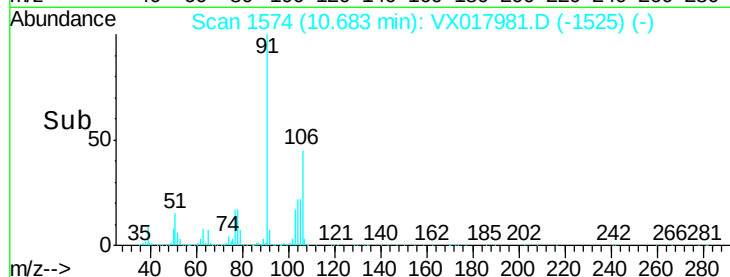
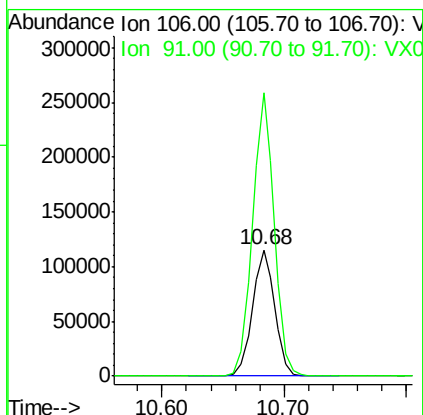
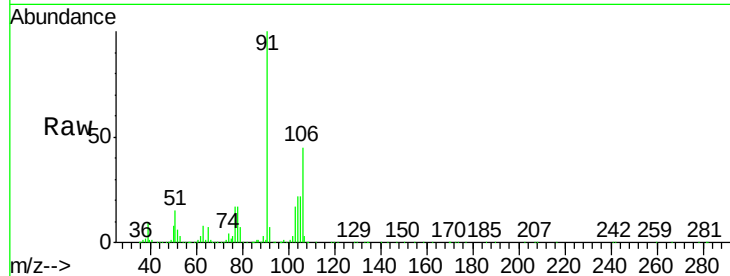




#69
o-Xylene
Concen: 17.775 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

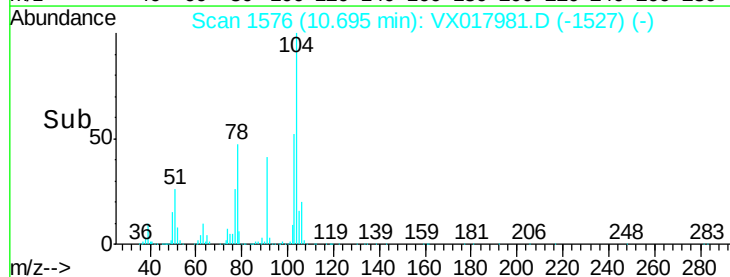
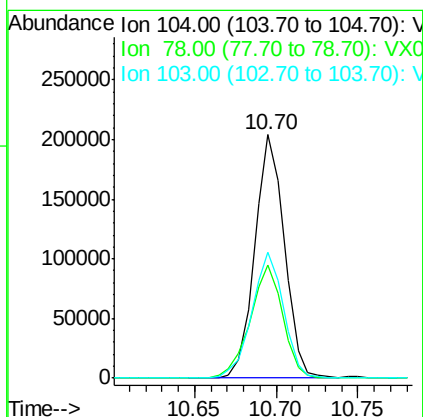
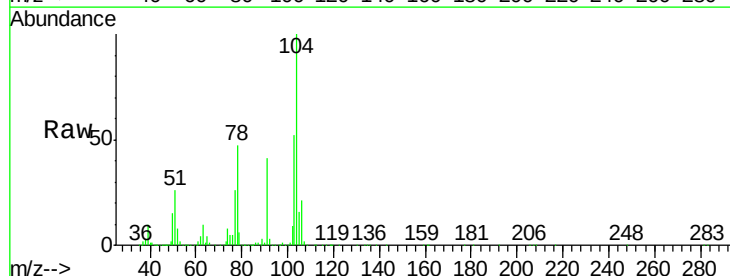
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

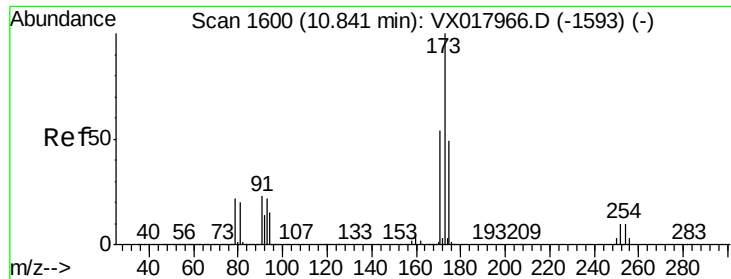
Tgt Ion:106 Resp: 146461
Ion Ratio Lower Upper
106 100
91 218.0 108.1 324.2



#70
Styrene
Concen: 18.181 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion:104 Resp: 258454
Ion Ratio Lower Upper
104 100
78 51.6 41.3 61.9
103 55.5 42.9 64.3





#71

Bromoform

Concen: 17.225 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

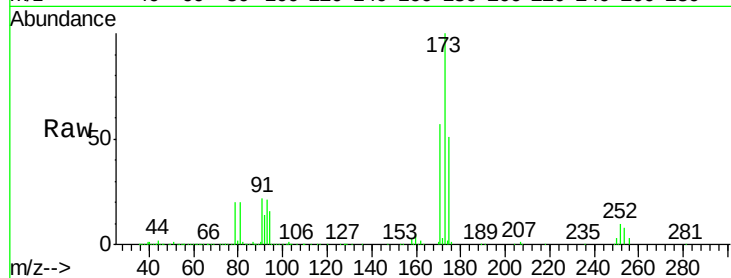
Tgt Ion:173 Resp: 88048

Ion Ratio Lower Upper

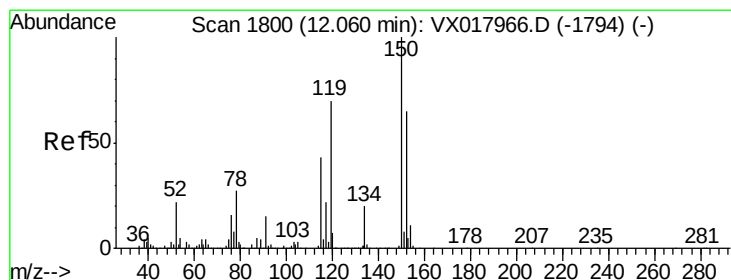
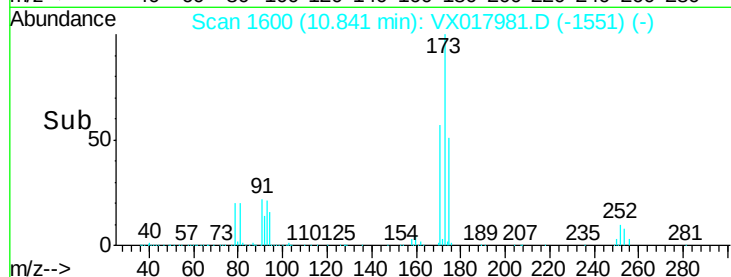
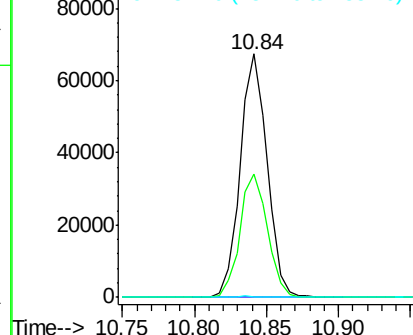
173 100

175 51.6 24.4 73.2

254 0.3 0.2 0.2#



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: VX017981.D

Acq: 19 Aug 2020 13:47

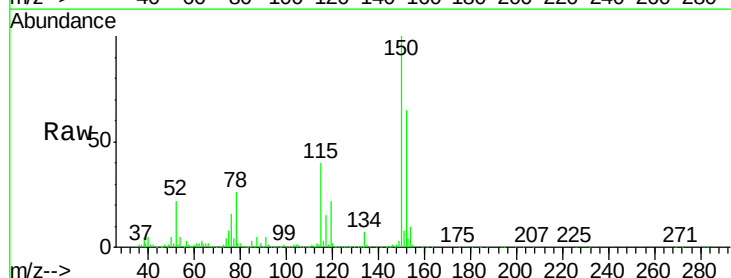
Tgt Ion:152 Resp: 361526

Ion Ratio Lower Upper

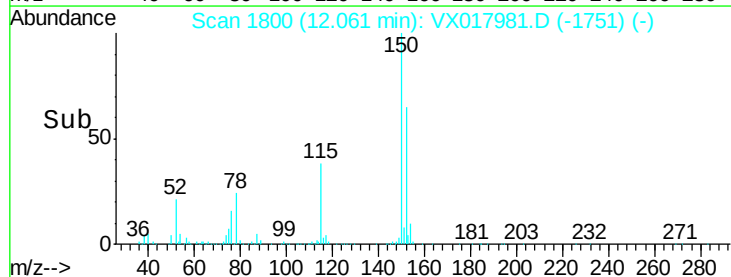
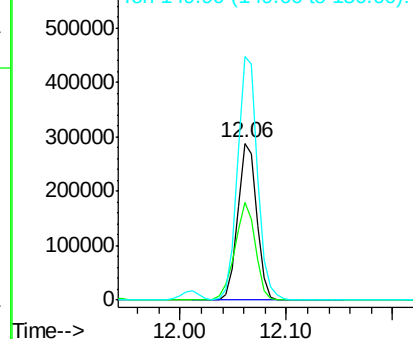
152 100

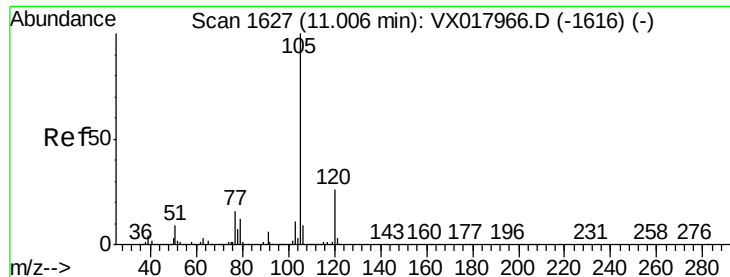
115 67.1 40.6 121.7

150 163.2 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 17.816 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

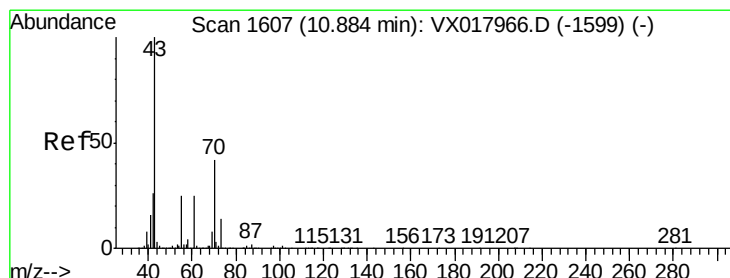
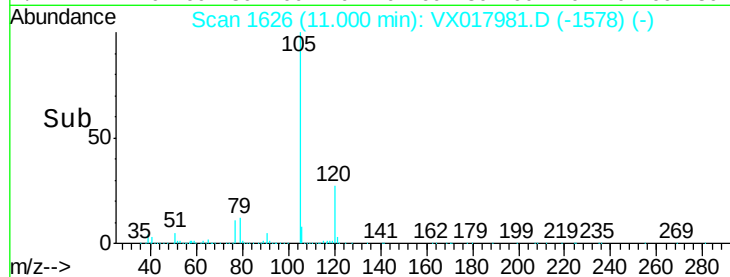
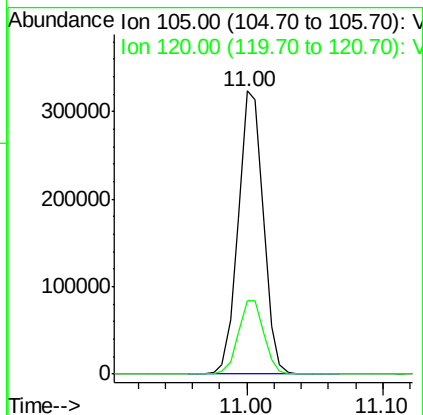
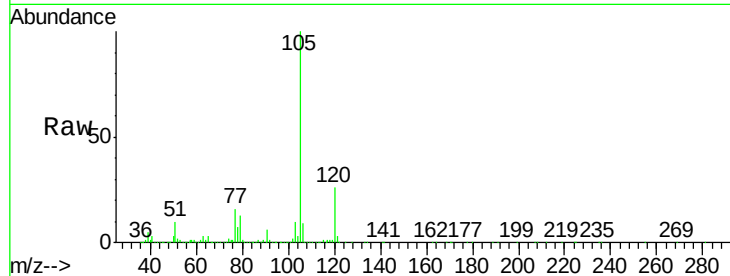
VX0819WBS01

Tgt Ion:105 Resp: 414564

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



#74

N-ethyl acetate

Concen: 16.636 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Tgt Ion: 43 Resp: 172184

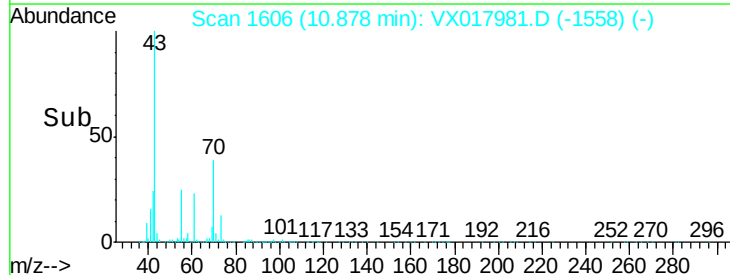
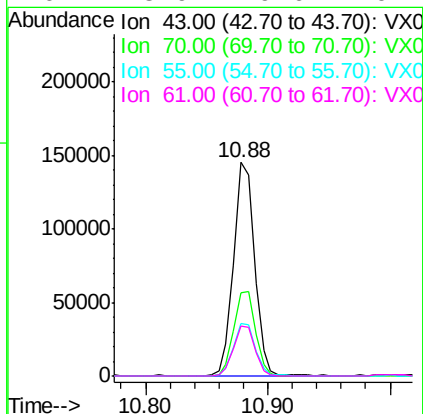
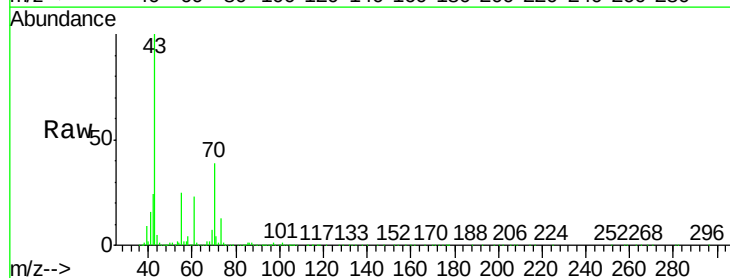
Ion Ratio Lower Upper

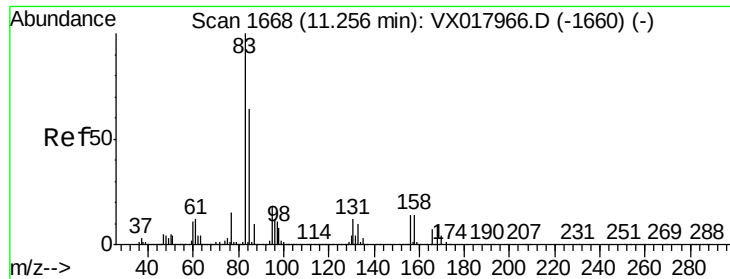
43 100

70 40.7 32.9 49.3

55 26.1 19.3 28.9

61 23.9 19.6 29.4





#75

1,1,2,2-Tetrachloroethane

Concen: 17.263 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

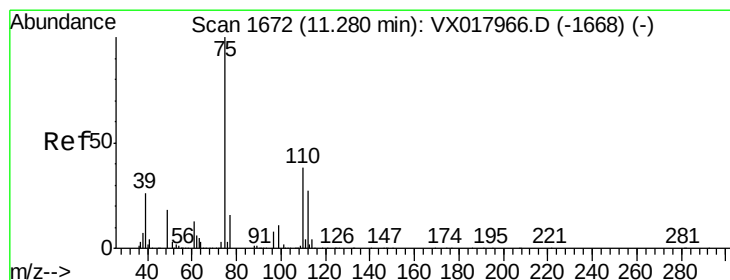
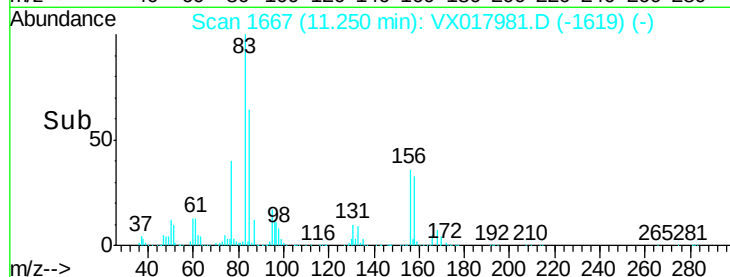
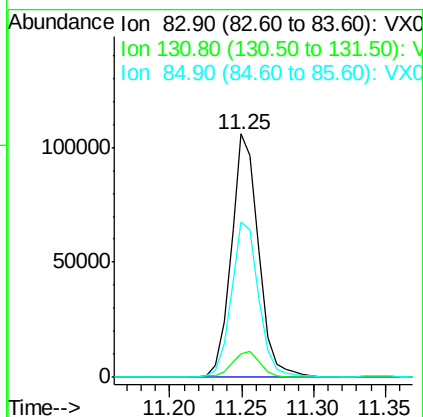
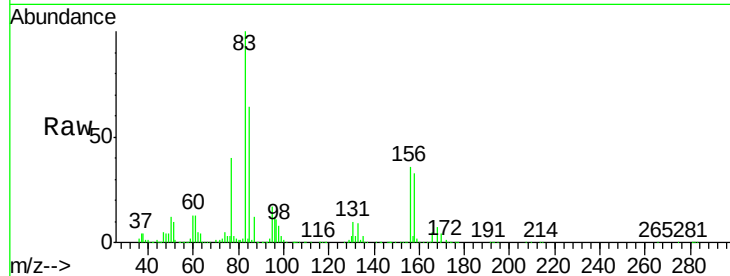
Instrument :

MSVOA_X

ClientSampled :

VX0819WBS01

Tgt Ion:	83	Resp:	140135
Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.7	17.0
85	64.7	32.2	96.6



#76

1,2,3-Trichloropropane

Concen: 22.293 ug/l

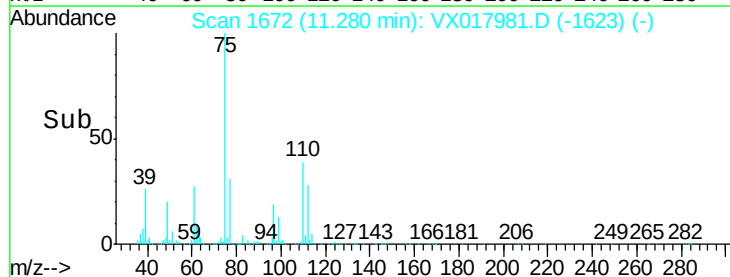
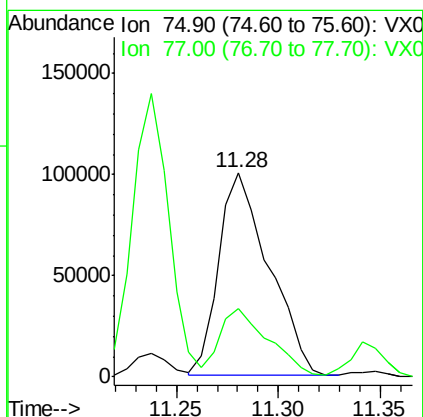
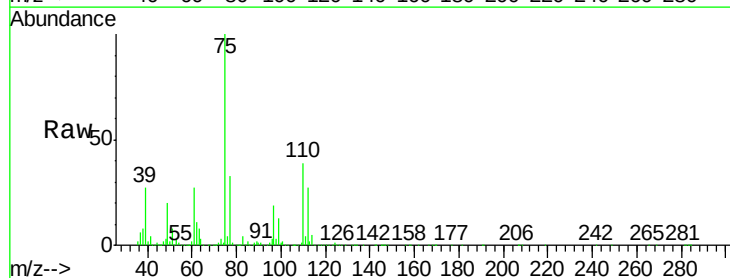
RT: 11.28 min Scan# 1672

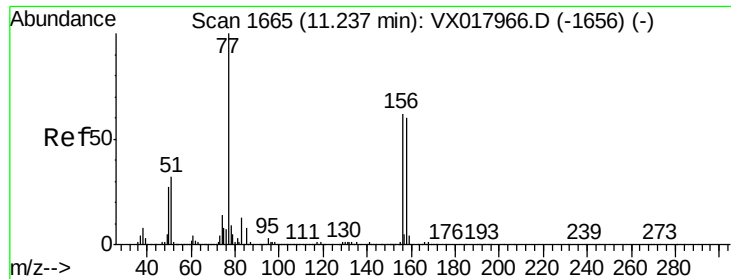
Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Tgt Ion:	75	Resp:	171399
Ion	Ratio	Lower	Upper
75	100		
77	32.6	21.1	63.1





#77

Bromobenzene

Concen: 17.773 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

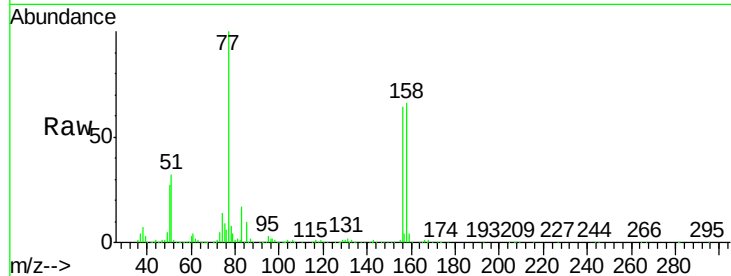
Tgt Ion:156 Resp: 114744

Ion Ratio Lower Upper

156 100

77 152.8 78.0 234.0

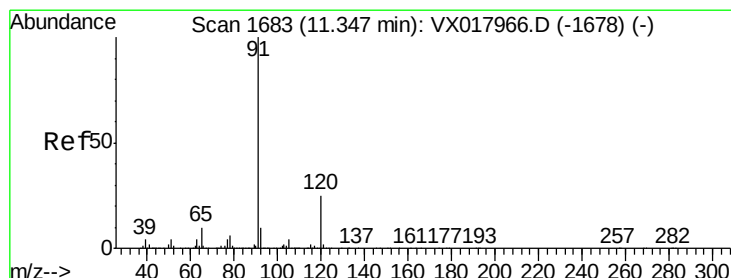
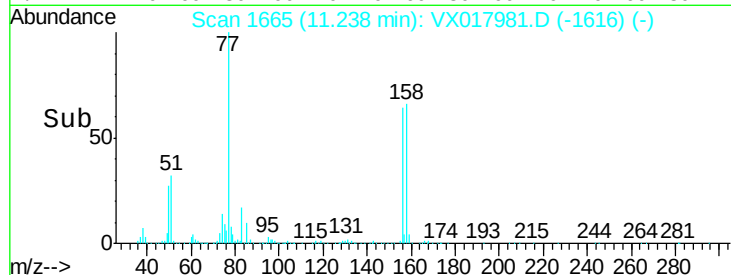
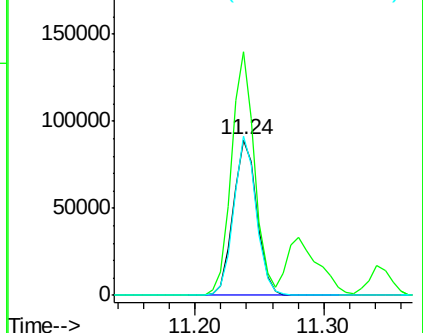
158 97.5 49.2 147.6



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: 17.118 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX017981.D

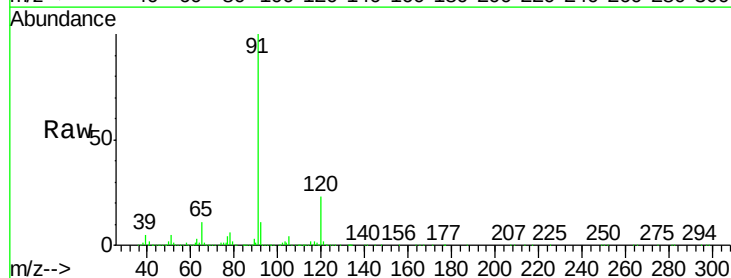
Acq: 19 Aug 2020 13:47

Tgt Ion: 91 Resp: 465890

Ion Ratio Lower Upper

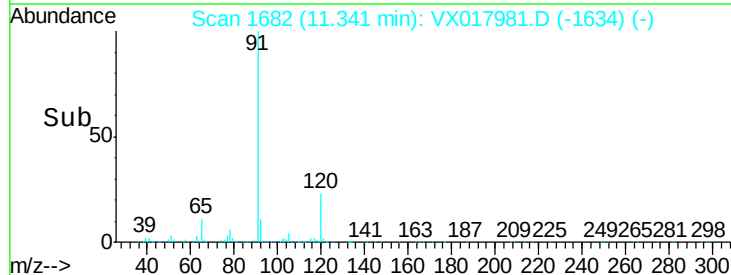
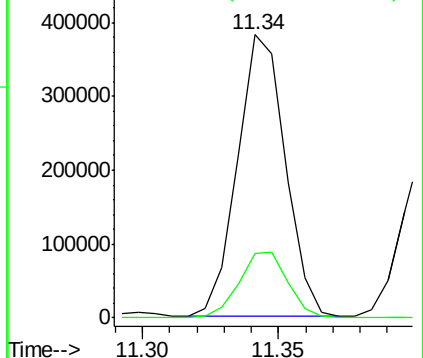
91 100

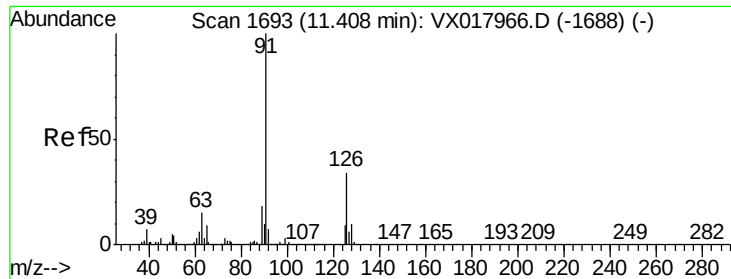
120 23.9 12.0 36.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 17.236 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.01 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

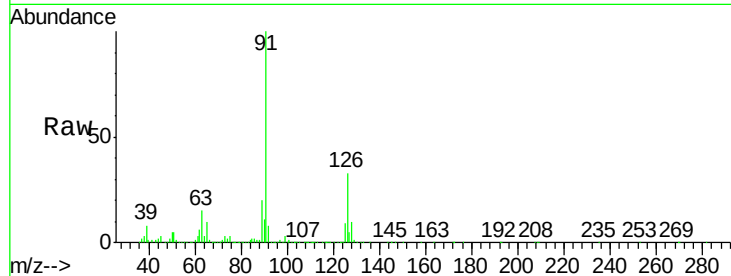
VX0819WBS01

Tgt Ion: 91 Resp: 285879

Ion Ratio Lower Upper

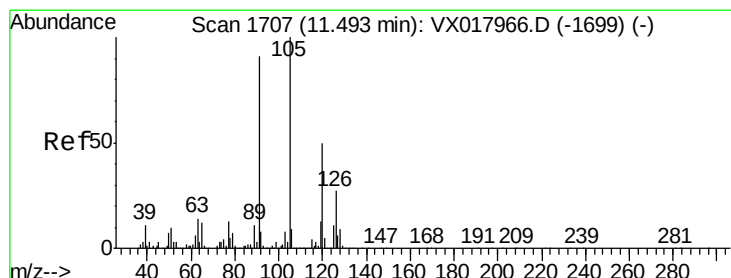
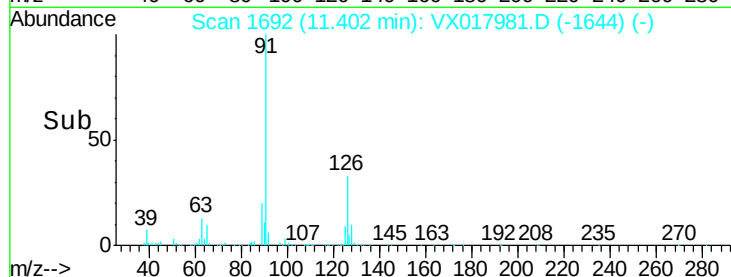
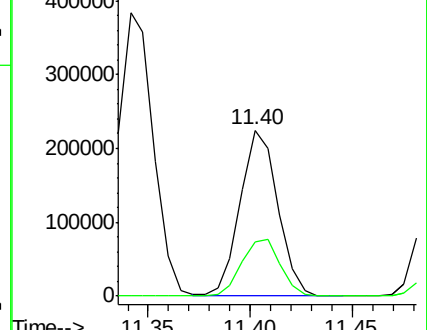
91 100

126 35.5 17.1 51.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.535 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX017981.D

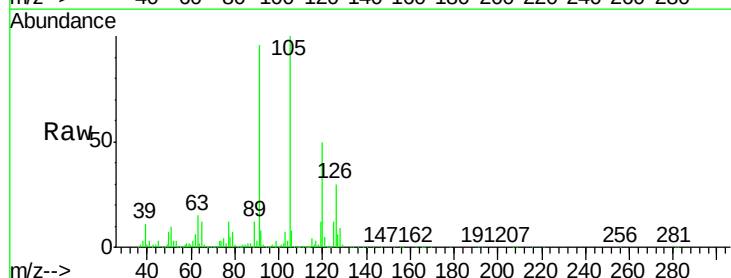
Acq: 19 Aug 2020 13:47

Tgt Ion: 105 Resp: 358172

Ion Ratio Lower Upper

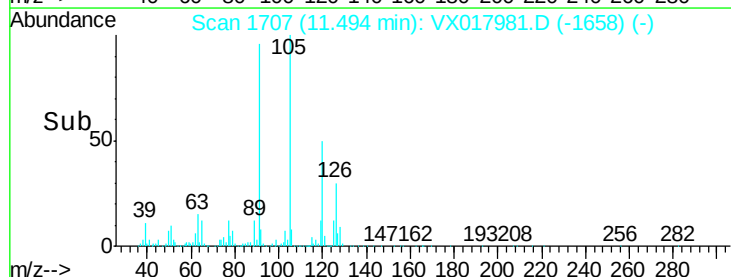
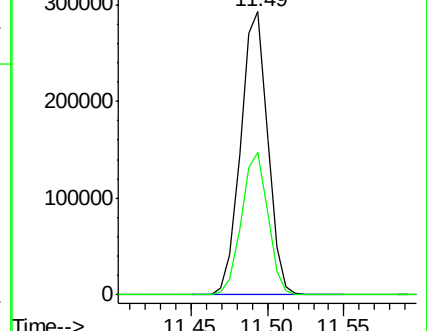
105 100

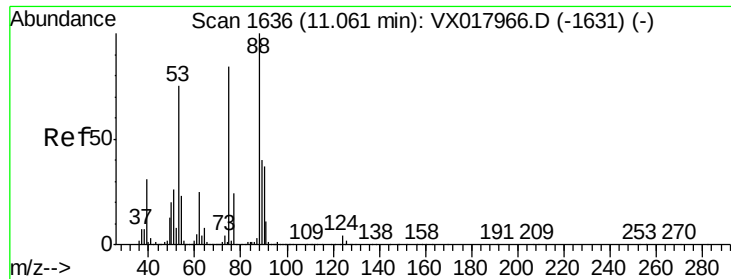
120 49.1 24.1 72.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

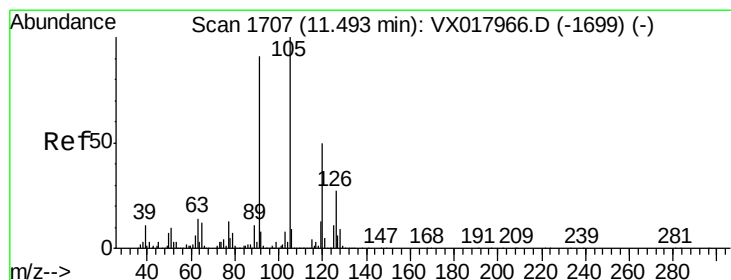
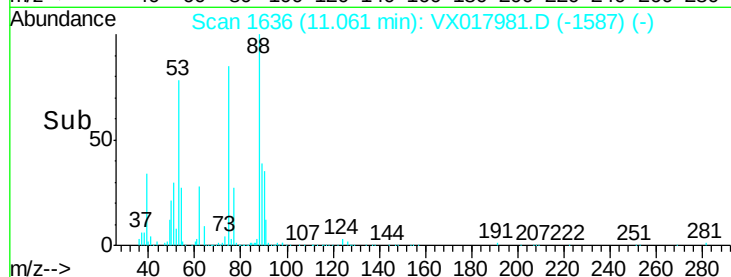
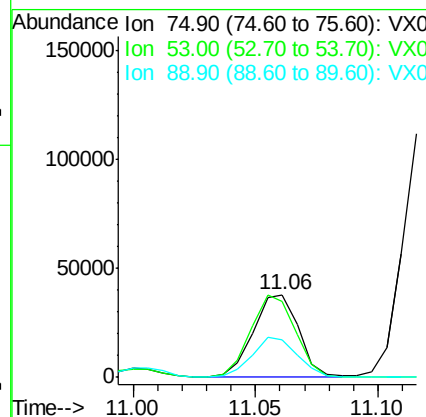
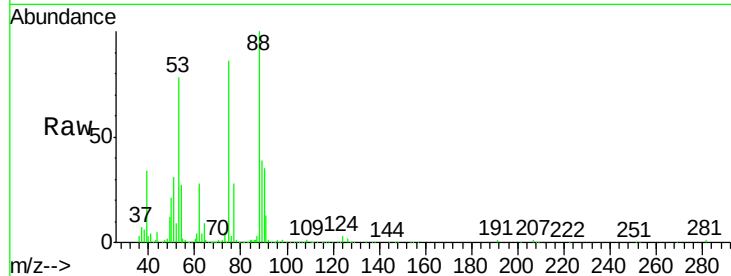




#81
trans-1,4-Dichloro-2-butene
Concen: 16.791 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

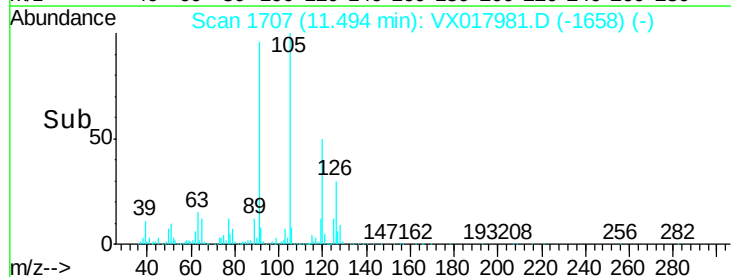
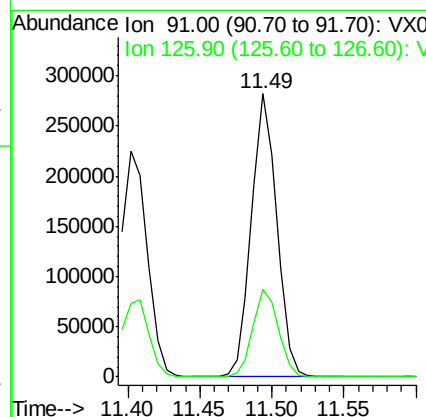
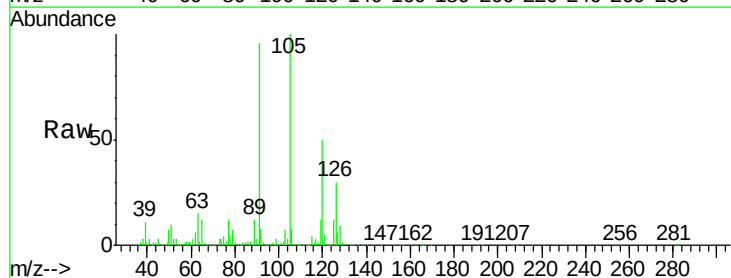
Instrument :
MSVOA_X
ClientSampled :
VX0819WBS01

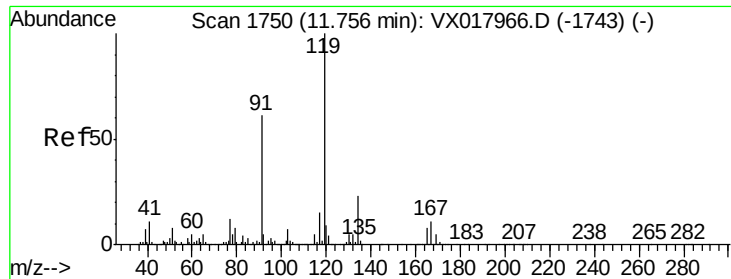
Tgt Ion: 75 Resp: 49139
Ion Ratio Lower Upper
75 100
53 98.1 75.2 112.8
89 48.9 38.4 57.6



#82
4-Chlorotoluene
Concen: 17.531 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion: 91 Resp: 341955
Ion Ratio Lower Upper
91 100
126 31.1 15.0 45.0





#83

tert-Butylbenzene

Concen: 17.393 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

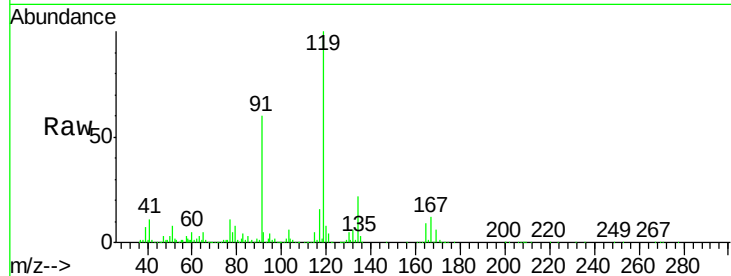
Tgt Ion:119 Resp: 335501

Ion Ratio Lower Upper

119 100

91 59.9 30.1 90.5

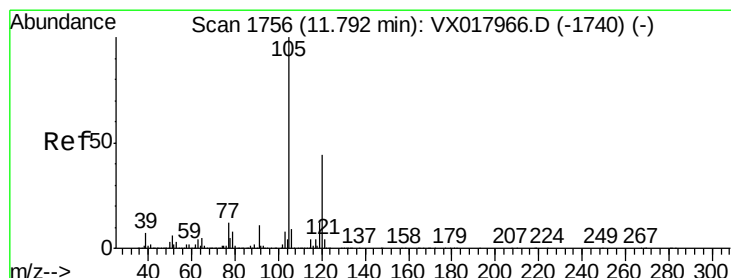
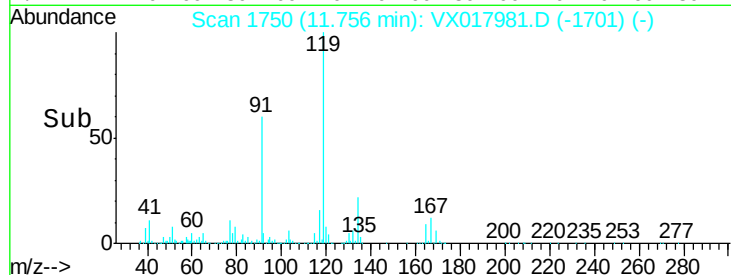
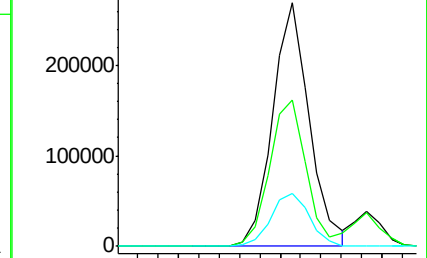
134 22.9 11.1 33.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): V

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.045 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. 0.00 min

Lab File: VX017981.D

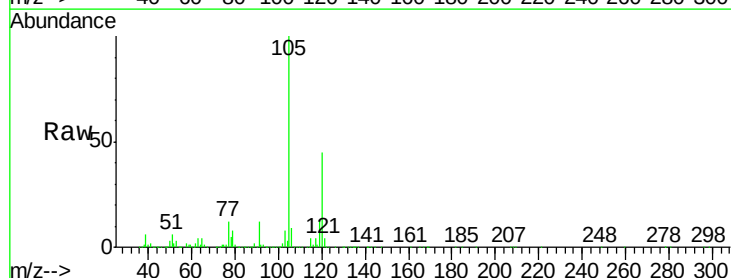
Acq: 19 Aug 2020 13:47

Tgt Ion:105 Resp: 360434

Ion Ratio Lower Upper

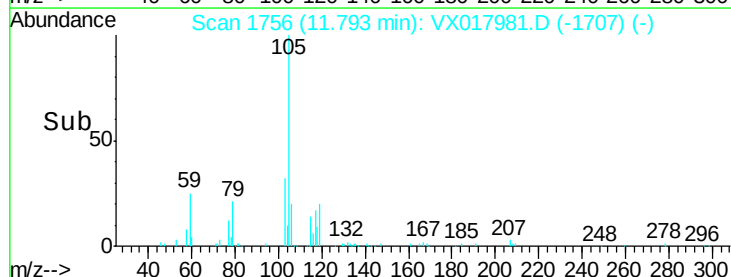
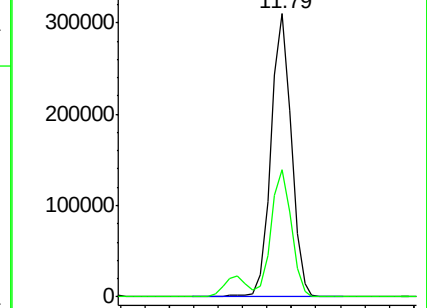
105 100

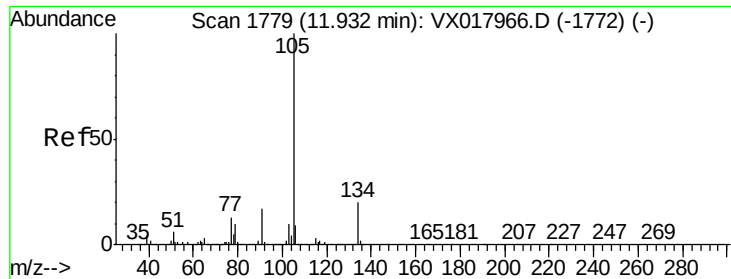
120 44.7 22.1 66.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

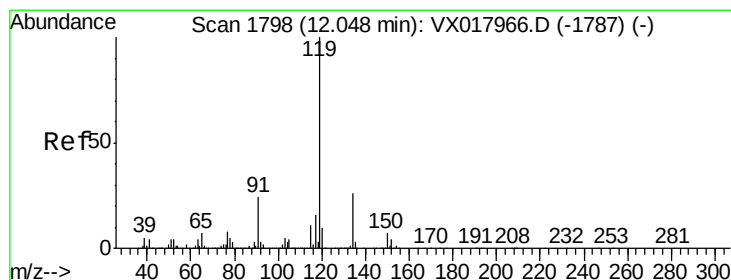
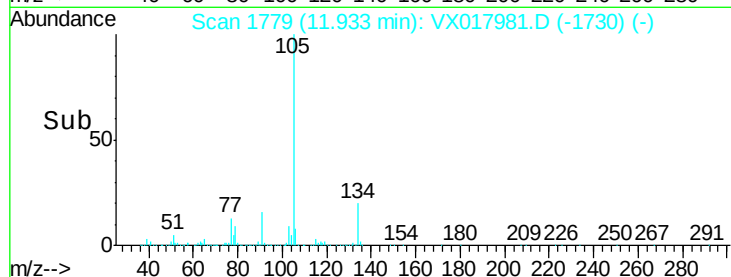
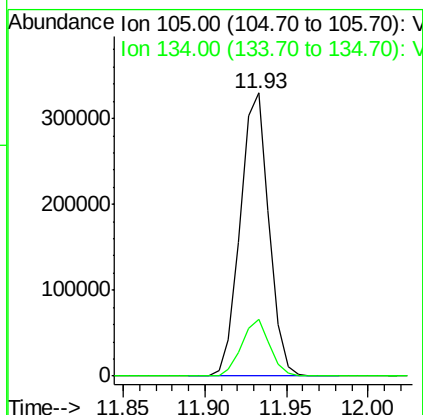
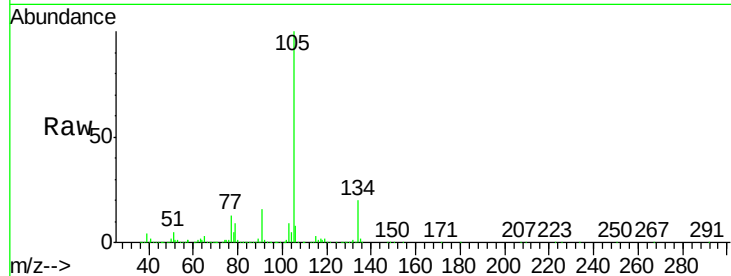




#85
 sec-Butylbenzene
 Concen: 17.351 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

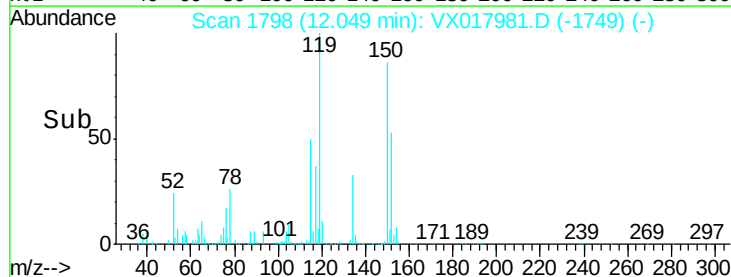
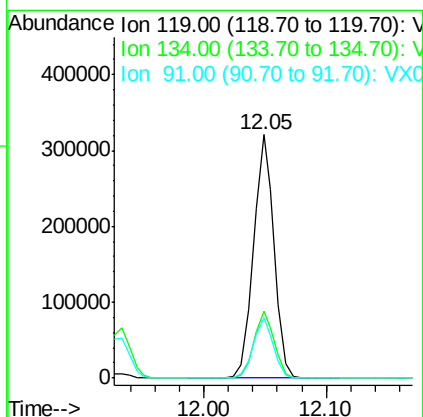
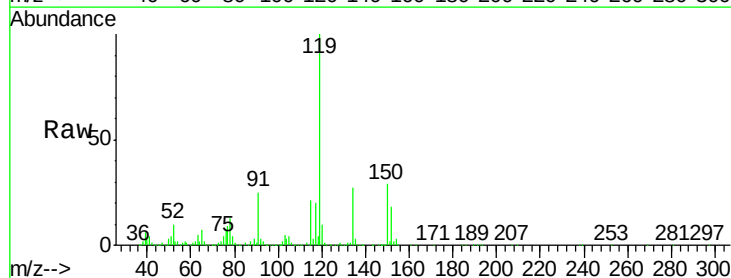
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

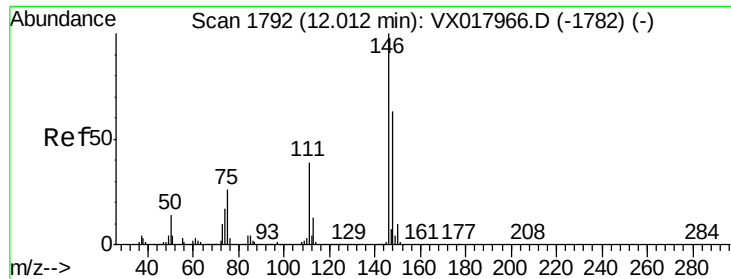
Tgt Ion:105 Resp: 404029
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 17.380 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion:119 Resp: 376462
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.7 38.0
 91 24.2 12.2 36.4

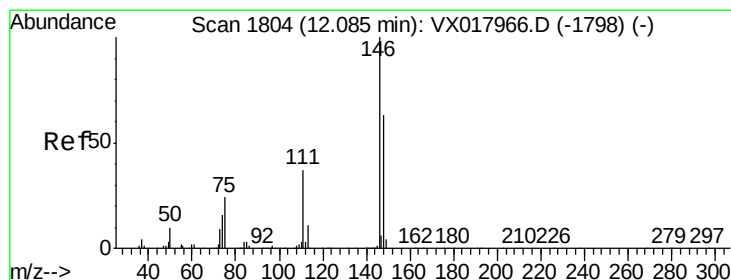
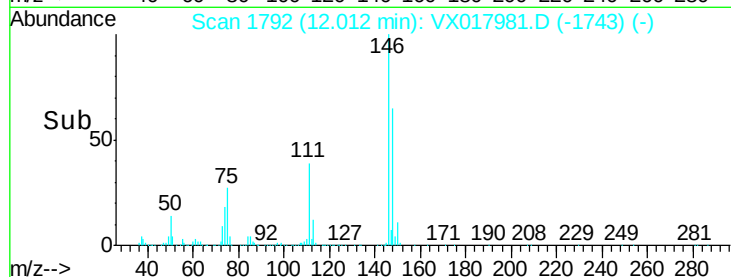
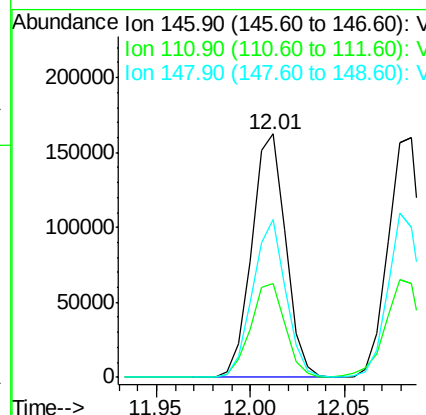
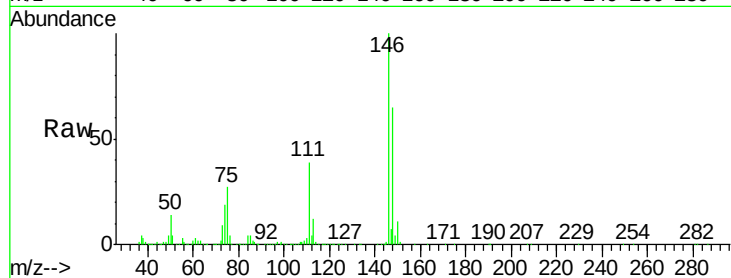




#87
 1,3-Dichlorobenzene
 Concen: 17.260 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

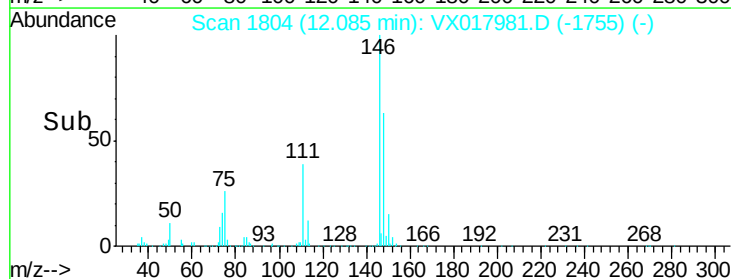
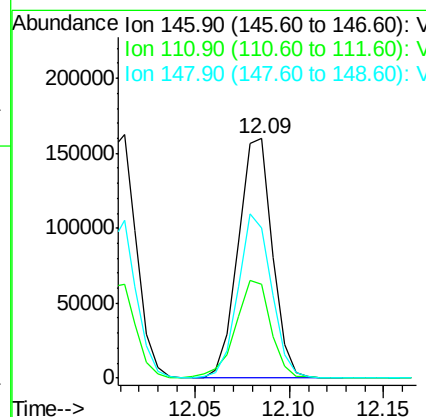
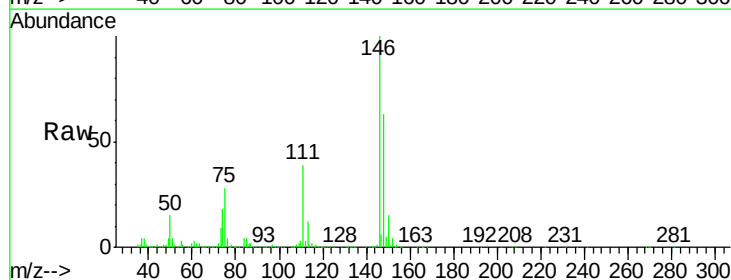
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

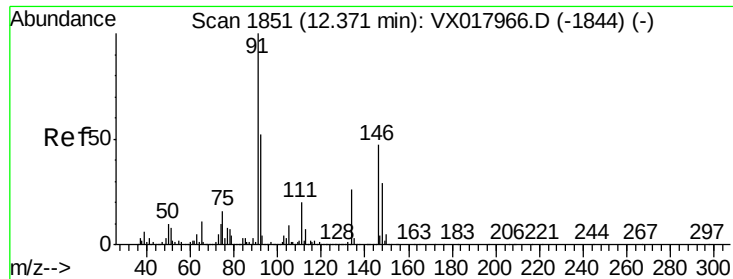
Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.1	60.3
148	63.0	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 17.423 ug/l
 RT: 12.09 min Scan# 1804
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.7	19.7	59.1
148	67.1	31.9	95.7

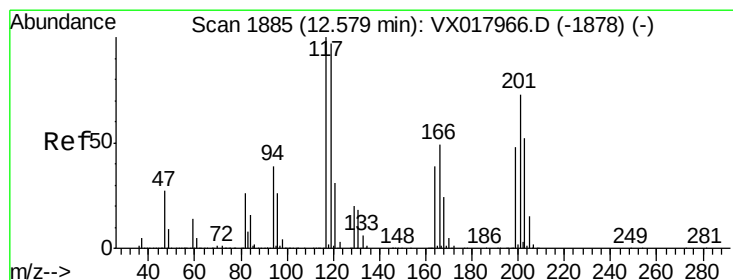
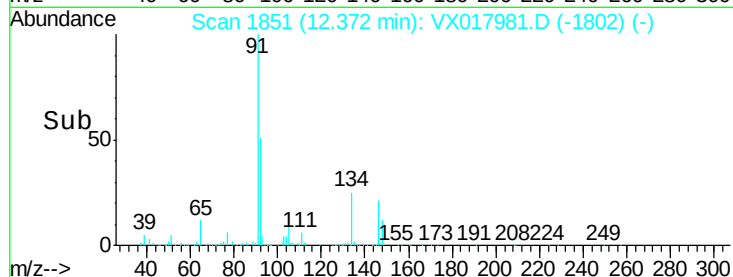
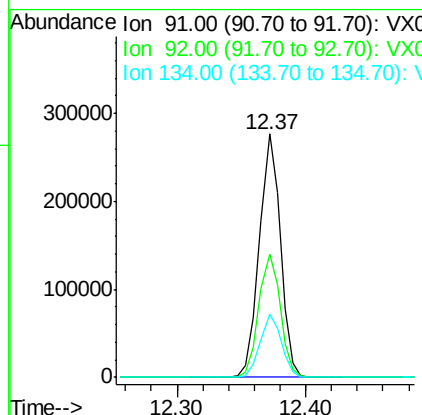
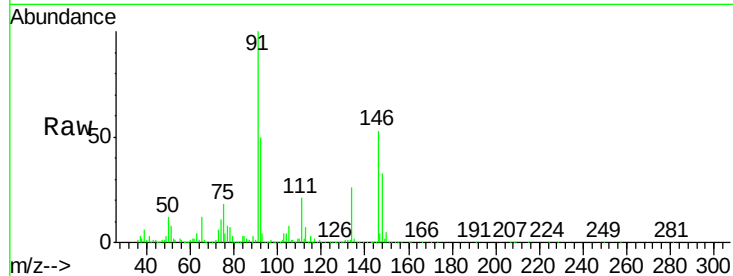




#89
n-Butylbenzene
Concen: 17.279 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

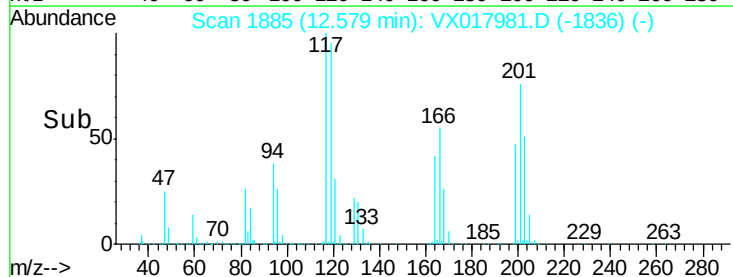
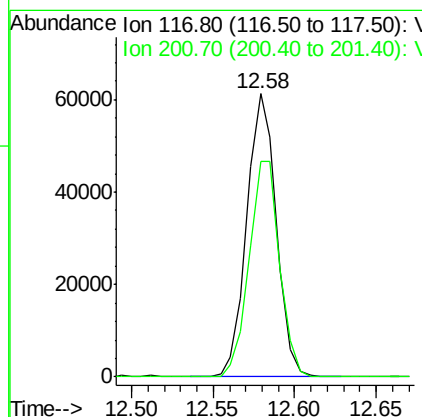
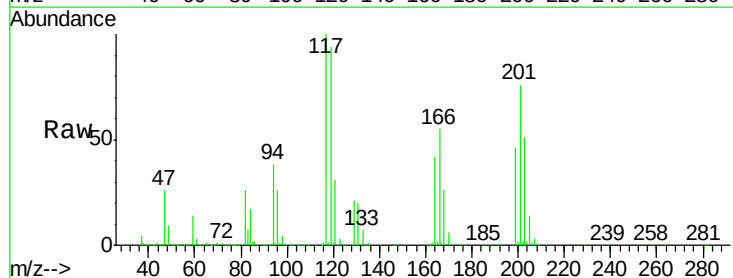
Instrument :
MSVOA_X
ClientSampleId :
VX0819WBS01

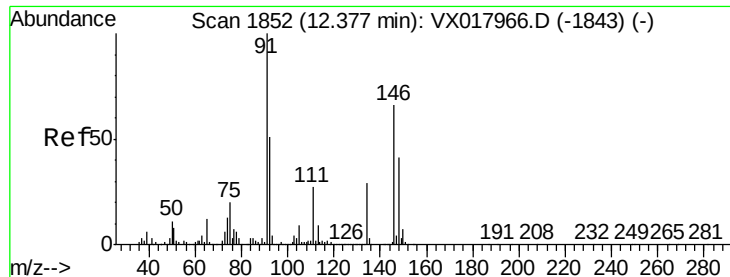
Tgt Ion: 91 Resp: 309772
Ion Ratio Lower Upper
91 100
92 51.5 25.7 77.0
134 26.2 13.4 40.2



#90
Hexachloroethane
Concen: 17.955 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX017981.D
Acq: 19 Aug 2020 13:47

Tgt Ion: 117 Resp: 77350
Ion Ratio Lower Upper
117 100
201 78.9 40.8 122.2

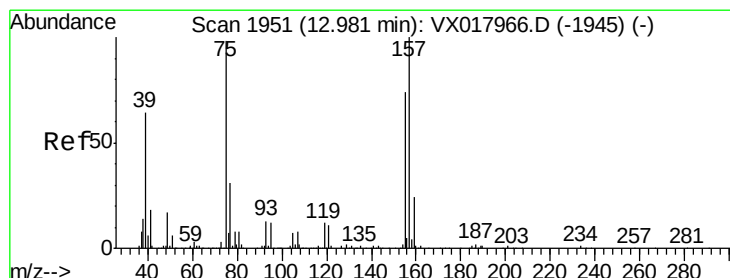
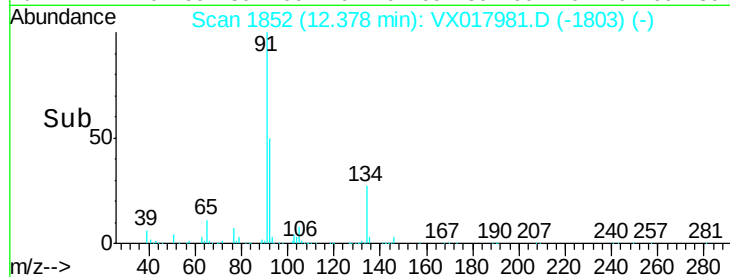
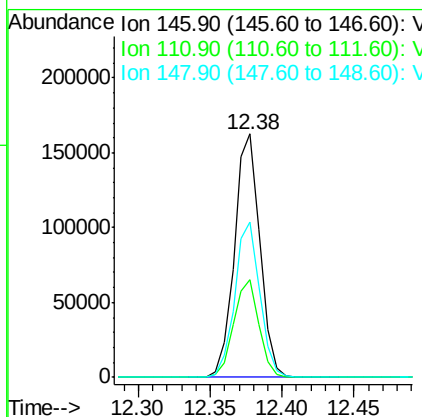
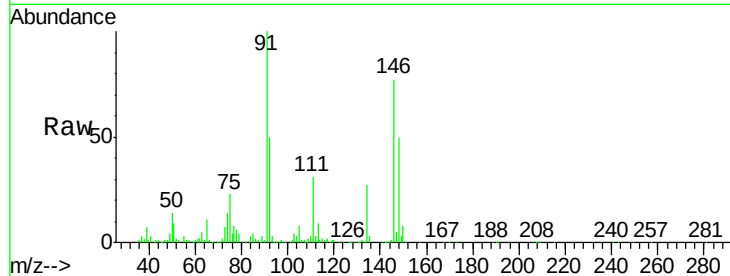




#91
 1,2-Dichlorobenzene
 Concen: 18.536 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

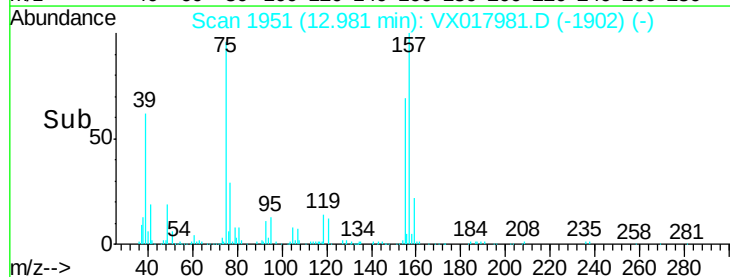
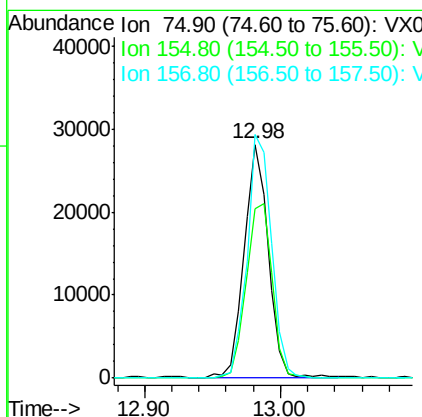
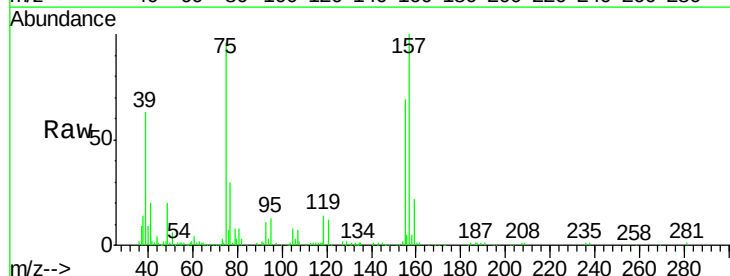
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0819WBS01

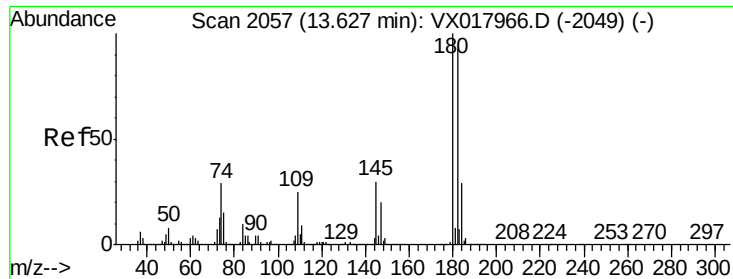
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	20.6	61.9
148	63.1	31.2	93.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.844 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	81.0	40.5	121.5
157	106.1	54.4	163.2

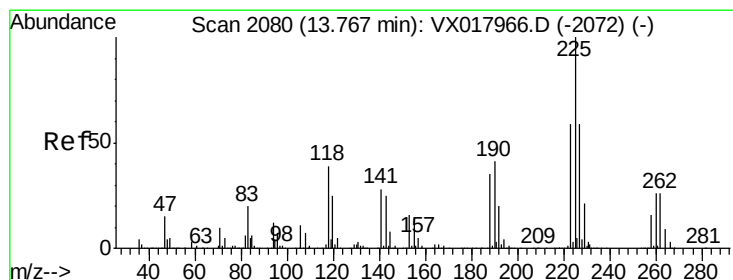
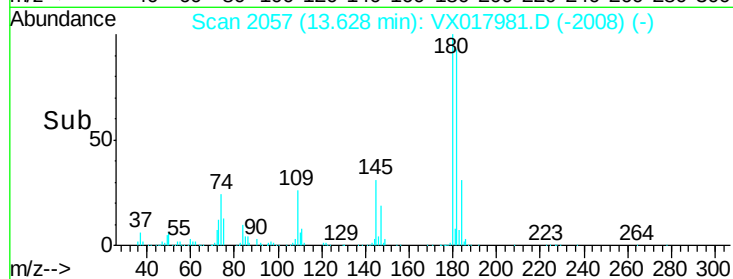
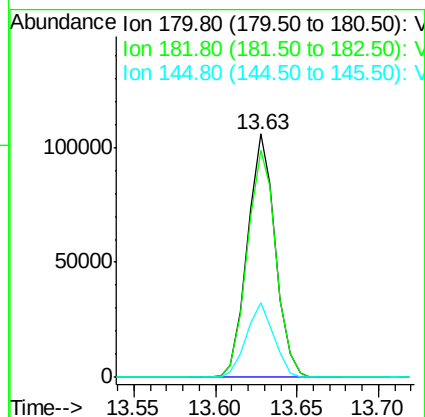
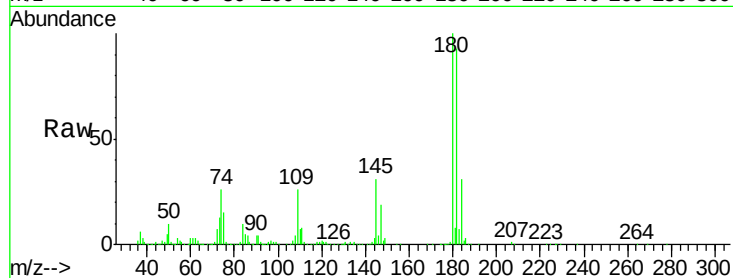




#93
 1,2,4-Trichlorobenzene
 Concen: 17.650 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

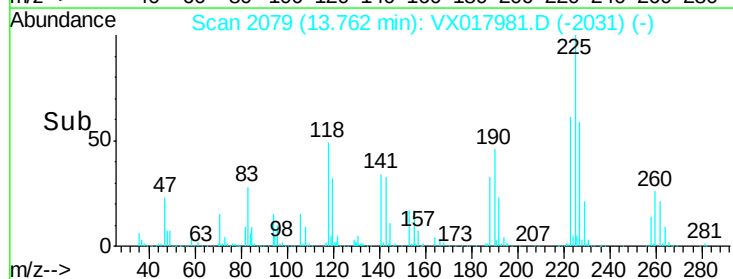
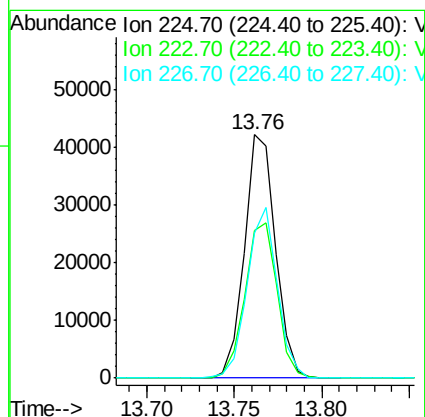
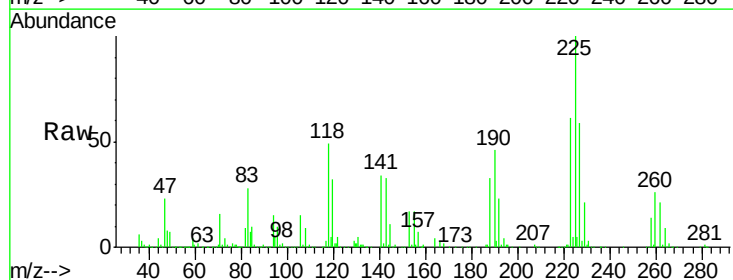
Instrument :
 MSVOA_X
 ClientSampled :
 VX0819WBS01

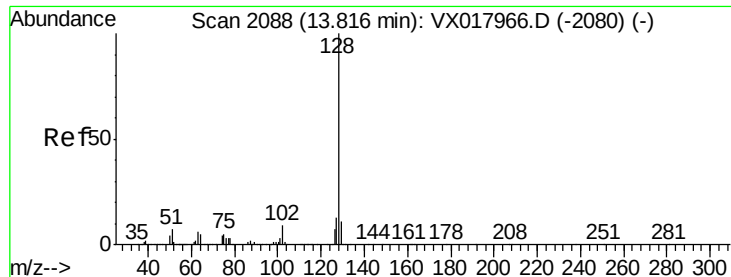
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.8	146.4
145	30.6	16.0	48.0



#94
 Hexachlorobutadiene
 Concen: 17.118 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017981.D
 Acq: 19 Aug 2020 13:47

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.3	32.1	96.3
227	68.1	29.8	89.5





#95

Naphthalene

Concen: 17.438 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

Instrument :

MSVOA_X

ClientSampleId :

VX0819WBS01

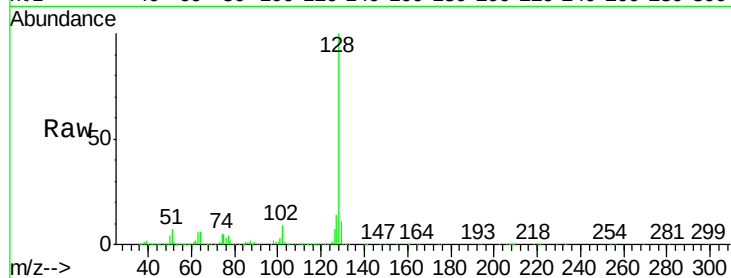
Tgt Ion:128 Resp: 392796

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

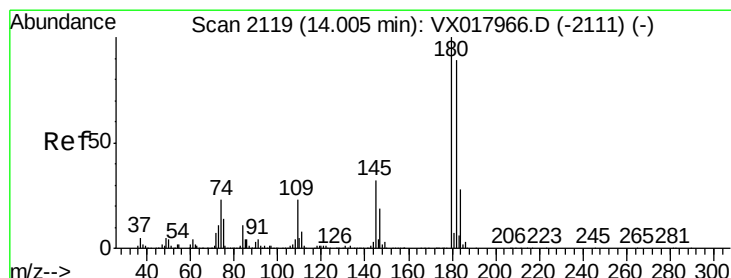
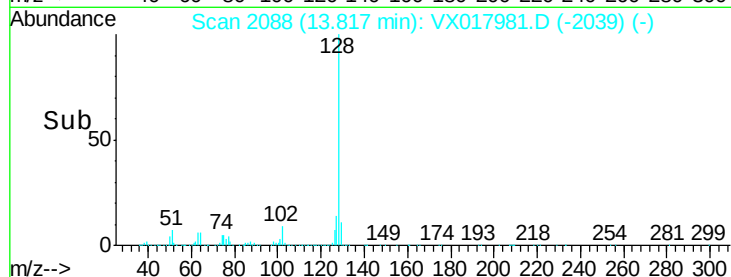
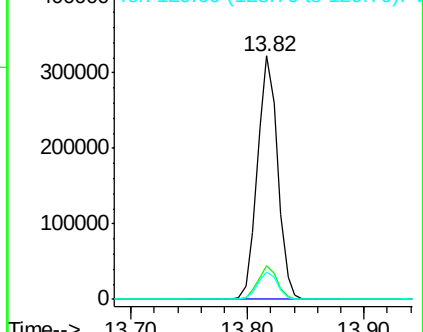
129 11.2 8.6 13.0



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: 17.134 ug/l

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX017981.D

Acq: 19 Aug 2020 13:47

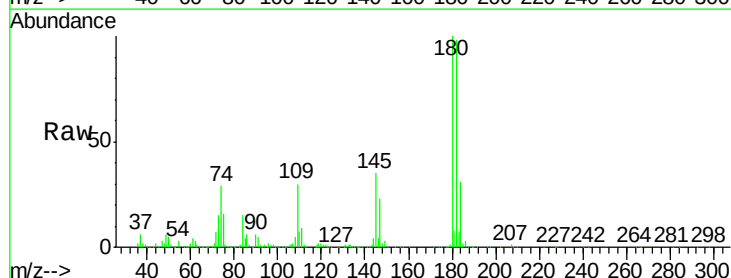
Tgt Ion:180 Resp: 124327

Ion Ratio Lower Upper

180 100

182 96.9 46.6 139.8

145 34.0 16.8 50.4



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

