

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091420\
 Data File : VX018378.D
 Acq On : 14 Sep 2020 12:19
 Operator : JC/SP
 Sample : VX0914WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 05:09:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	463349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	705624	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	660948	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	355039	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	336743	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
35) Dibromofluoromethane	5.46	113	259482	54.00	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	108.00%	
50) Toluene-d8	8.70	98	903571	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.12	95	357664	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	90262	16.000	ug/l	100
3) Chloromethane	1.31	50	82626	13.892	ug/l	95
4) Vinyl Chloride	1.39	62	84908	14.341	ug/l	98
5) Bromomethane	1.63	94	58888	20.621	ug/l	97
6) Chloroethane	1.72	64	51374	16.156	ug/l	98
7) Trichlorofluoromethane	1.92	101	151995	18.827	ug/l	98
8) Diethyl Ether	2.17	74	46801	17.094	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	77868	17.841	ug/l	99
10) Methyl Iodide	2.49	142	77501	20.129	ug/l	95
11) Tert butyl alcohol	3.01	59	88496	70.757	ug/l	100
12) 1,1-Dichloroethene	2.36	96	70737	15.622	ug/l	97
13) Acrolein	2.27	56	67958	131.042	ug/l	99
14) Allyl chloride	2.71	41	128325	15.774	ug/l	95
15) Acrylonitrile	3.11	53	209234	73.750	ug/l	100
16) Acetone	2.42	43	196327	78.328	ug/l	96
17) Carbon Disulfide	2.55	76	186132	13.598	ug/l	99
18) Methyl Acetate	2.75	43	108127	17.877	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	256662	16.528	ug/l	97
20) Methylene Chloride	2.83	84	82405	15.268	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	75591	15.068	ug/l	96
22) Diisopropyl ether	3.82	45	258339	16.089	ug/l	94
23) Vinyl Acetate	3.78	43	1113413	77.931	ug/l	100
24) 1,1-Dichloroethane	3.67	63	148046	16.197	ug/l	99
25) 2-Butanone	4.63	43	299141	72.619	ug/l	99
26) 2,2-Dichloropropane	4.55	77	147649	19.854	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	88536	15.317	ug/l	98
28) Bromochloromethane	4.98	49	78299	17.747	ug/l	93
29) Tetrahydrofuran	5.09	42	182505	69.598	ug/l	97
30) Chloroform	5.18	83	162586	17.179	ug/l	99
31) Cyclohexane	5.55	56	110860	14.399	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	151807	17.479	ug/l	99
36) 1,1-Dichloropropene	5.77	75	111904	17.194	ug/l	99
37) Ethyl Acetate	4.79	43	114397	15.134	ug/l	98
38) Carbon Tetrachloride	5.74	117	137868	18.797	ug/l	99

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 05:09:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	116302	16.342	ug/l	98
40) Benzene	6.11	78	314457	16.443	ug/l	96
41) Methacrylonitrile	5.00	41	61710	14.868	ug/l	95
42) 1,2-Dichloroethane	6.15	62	134337	18.334	ug/l	100
43) Isopropyl Acetate	6.41	43	188535	15.442	ug/l	99
44) Trichloroethene	7.19	130	95764	17.722	ug/l	91
45) 1,2-Dichloropropane	7.49	63	86771	16.835	ug/l	98
46) Dibromomethane	7.63	93	61684	17.018	ug/l	99
47) Bromodichloromethane	7.87	83	128859	17.805	ug/l	93
48) Methyl methacrylate	7.74	41	90429	14.878	ug/l	96
49) 1,4-Dioxane	7.71	88	29241	265.599	ug/l	90
51) 4-Methyl-2-Pentanone	8.62	43	586495	77.767	ug/l	100
52) Toluene	8.76	92	201514	16.618	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	135765	16.926	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	146487	17.240	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	84346	16.309	ug/l	98
56) Ethyl methacrylate	9.16	69	118700	15.439	ug/l	98
57) 1,3-Dichloropropane	9.35	76	142841	16.745	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	299360	86.554	ug/l	97
59) 2-Hexanone	9.47	43	454769	79.302	ug/l	98
60) Dibromochloromethane	9.56	129	106080	17.485	ug/l	100
61) 1,2-Dibromoethane	9.65	107	92006	16.386	ug/l	100
64) Tetrachloroethene	9.32	164	88239	18.167	ug/l	92
65) Chlorobenzene	10.12	112	228318	17.296	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	93742	18.018	ug/l	98
67) Ethyl Benzene	10.23	91	388493	17.306	ug/l	94
68) m/p-Xylenes	10.34	106	296991	35.445	ug/l	100
69) o-Xylene	10.68	106	138984	17.111	ug/l	99
70) Styrene	10.70	104	235008	16.990	ug/l	97
71) Bromoform	10.84	173	77901	17.554	ug/l #	98
73) Isopropylbenzene	11.00	105	393325	16.795	ug/l	99
74) N-amyl acetate	10.88	43	158683	14.281	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	130160	15.755	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	153512	19.437	ug/l	87
77) Bromobenzene	11.24	156	106271	16.417	ug/l	95
78) n-propylbenzene	11.34	91	443529	16.680	ug/l	99
79) 2-Chlorotoluene	11.40	91	272876	16.610	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	335103	17.413	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	44939	15.368	ug/l	96
82) 4-Chlorotoluene	11.49	91	322402	16.508	ug/l	100
83) tert-Butylbenzene	11.76	119	325020	17.114	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	337872	17.172	ug/l	99
85) sec-Butylbenzene	11.93	105	375352	17.380	ug/l	99
86) p-Isopropyltoluene	12.05	119	354477	17.868	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	189794	16.699	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	194058	17.053	ug/l	99
89) n-Butylbenzene	12.37	91	309275	17.080	ug/l	99
90) Hexachloroethane	12.58	117	71793	18.394	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	185423	17.332	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	30941	14.979	ug/l	94

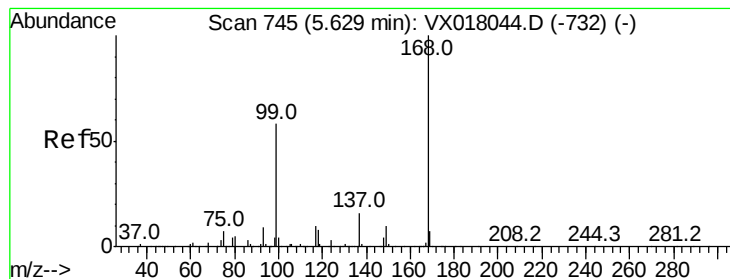
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091420\
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Quant Time: Sep 15 05:09:36 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	116878	16.383	ug/l	98
94) Hexachlorobutadiene	13.76	225	53085	18.865	ug/l	96
95) Naphthalene	13.82	128	349679	14.893	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	116218	16.487	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

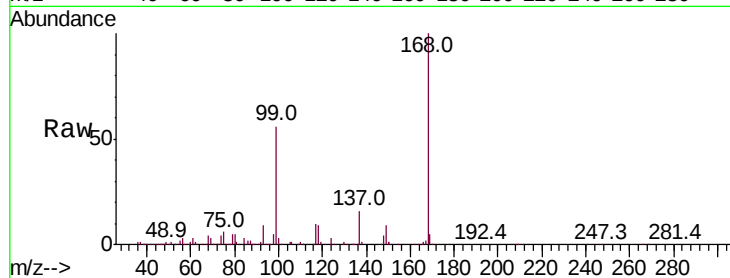
ClientSampleId :

Tot Ion:168 Resp: 463349

Ion Ratio Lower Upper

168 100

99 56.2 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

200000

150000

100000

50000

0

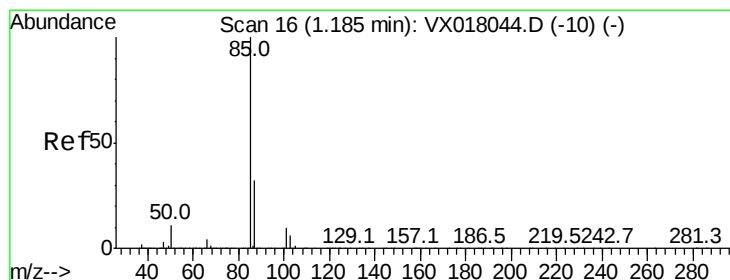
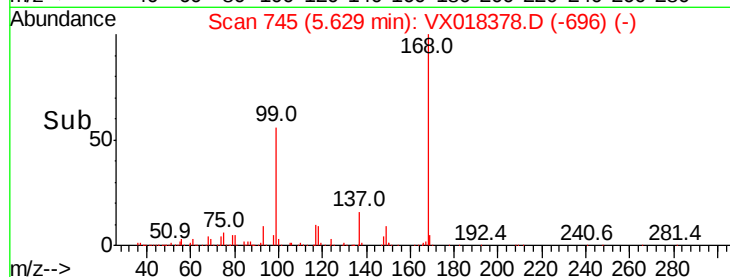
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 16.000 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018378.D

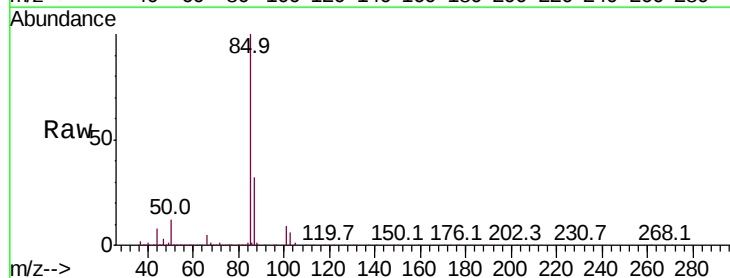
Acq: 14 Sep 2020 12:19

Tgt Ion: 85 Resp: 90262

Ion Ratio Lower Upper

85 100

87 32.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

120000

100000

80000

60000

40000

20000

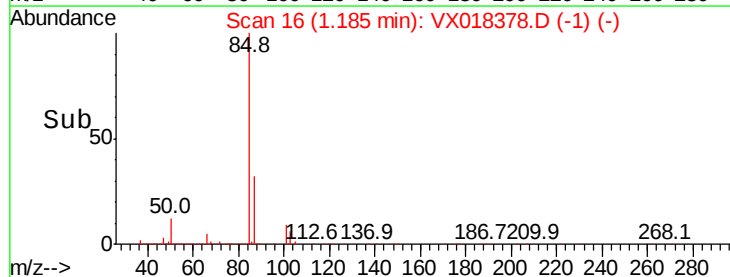
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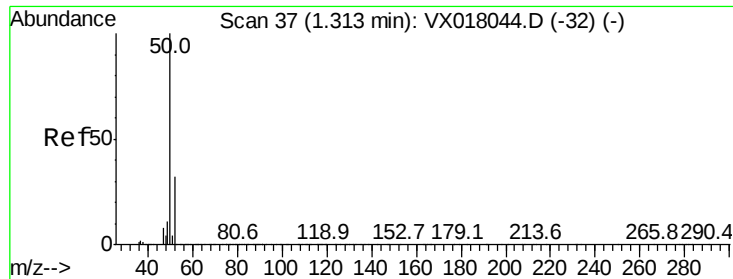
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 13.892 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

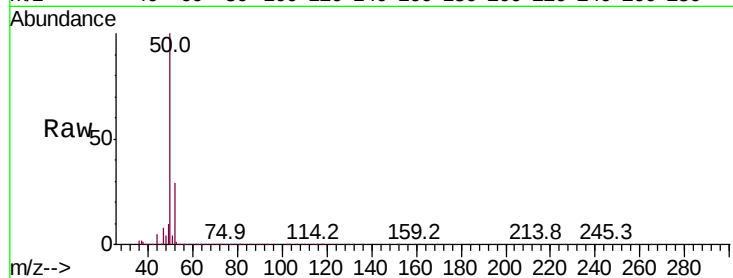
ClientSampleId :

Tot Ion: 50 Resp: 82626

Ion Ratio Lower Upper

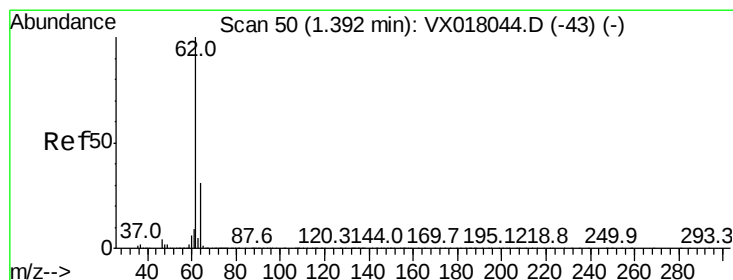
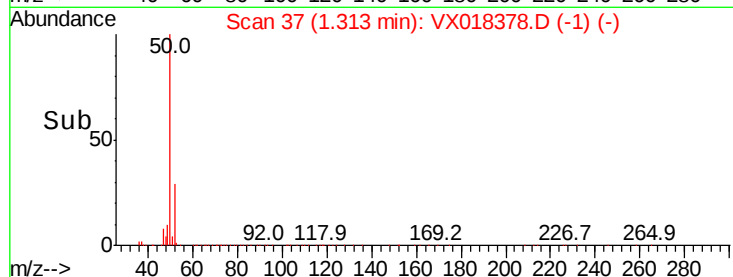
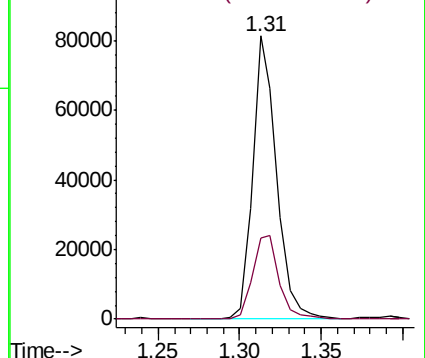
50 100

52 28.9 25.4 38.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 14.341 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018378.D

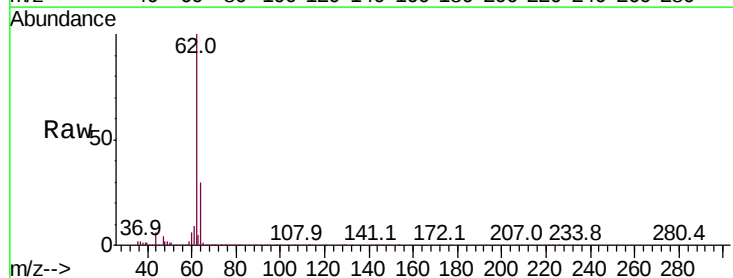
Acq: 14 Sep 2020 12:19

Tgt Ion: 62 Resp: 84908

Ion Ratio Lower Upper

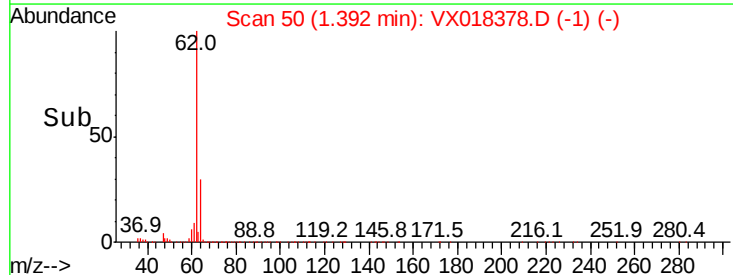
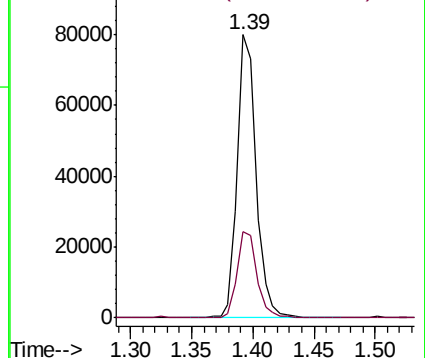
62 100

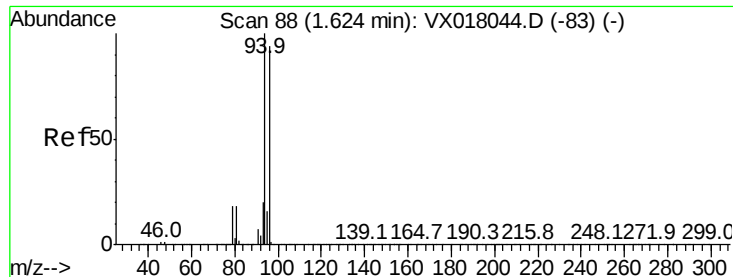
64 30.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.621 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

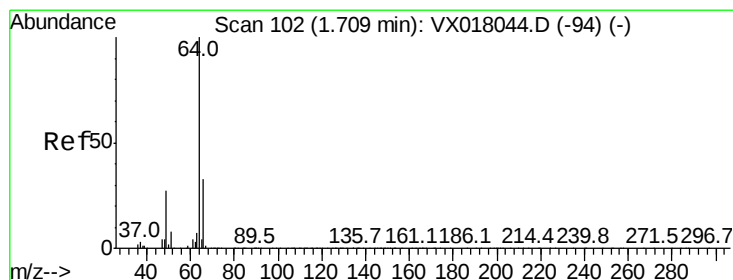
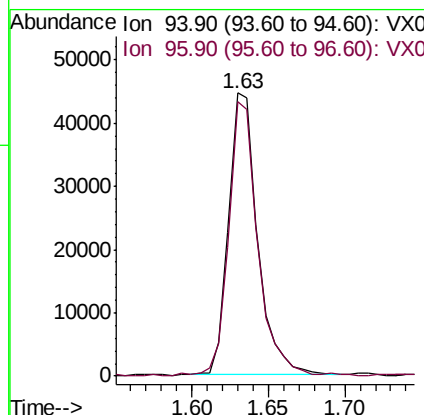
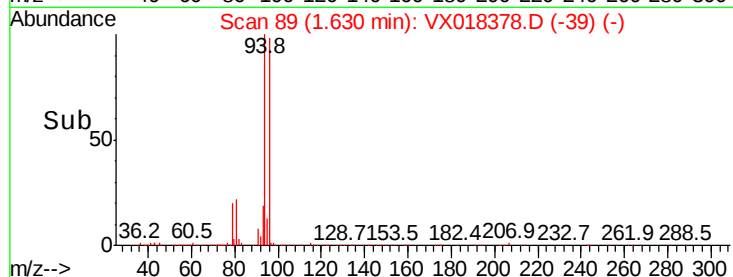
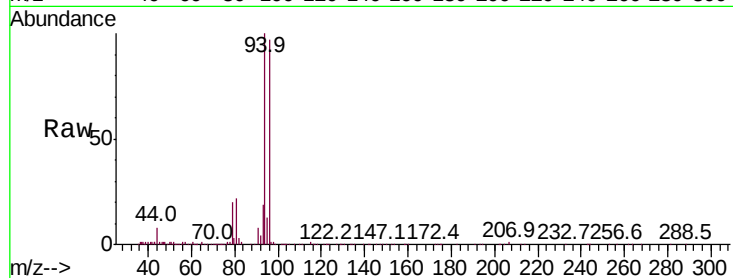
ClientSampleId :

Tot Ion: 94 Resp: 58888

Ion Ratio Lower Upper

94 100

96 96.8 74.8 112.2



#6

Chloroethane

Concen: 16.156 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018378.D

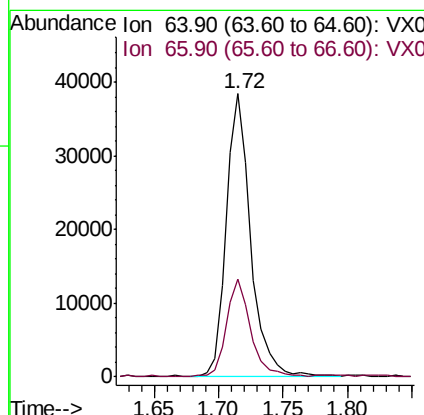
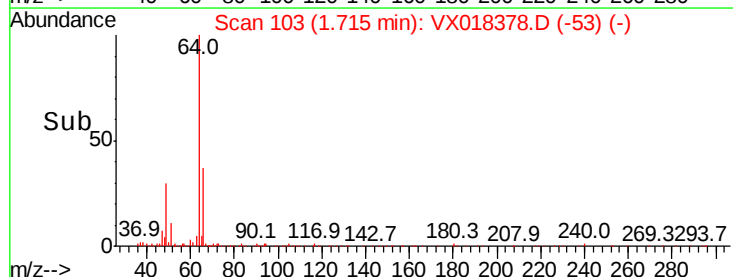
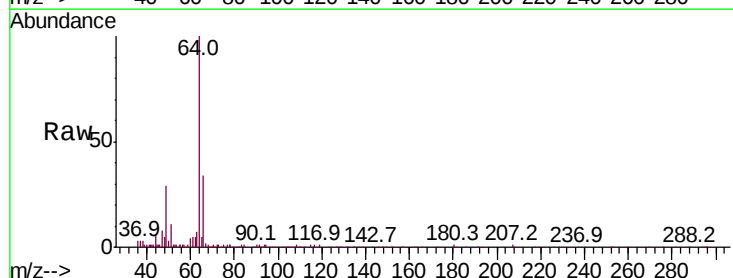
Acq: 14 Sep 2020 12:19

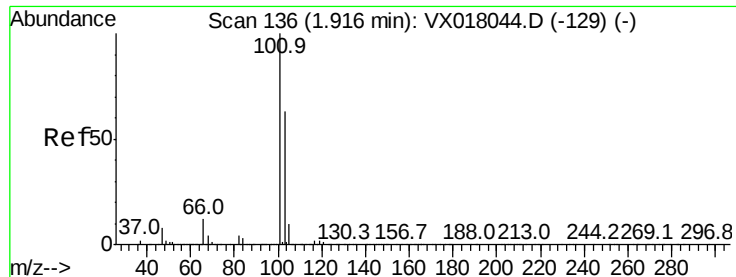
Tgt Ion: 64 Resp: 51374

Ion Ratio Lower Upper

64 100

66 34.2 26.6 39.8



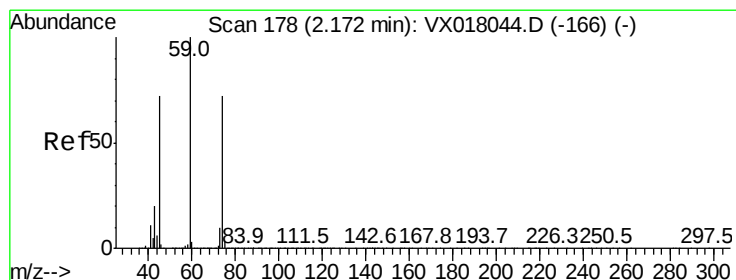
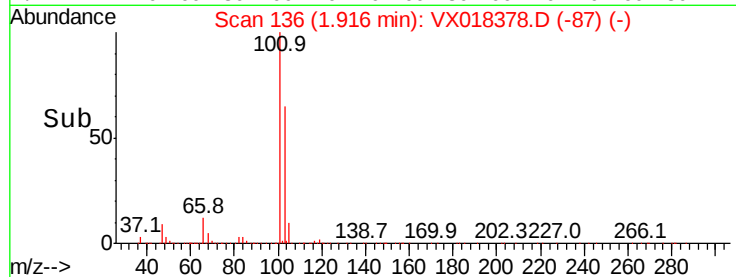
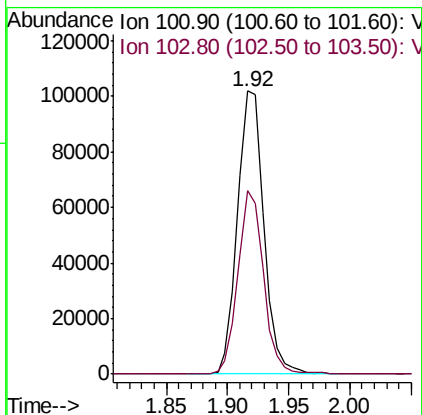
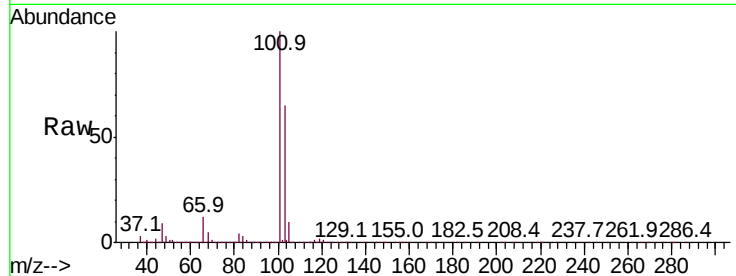


#7

Trichlorofluoromethane
Concen: 18.827 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :

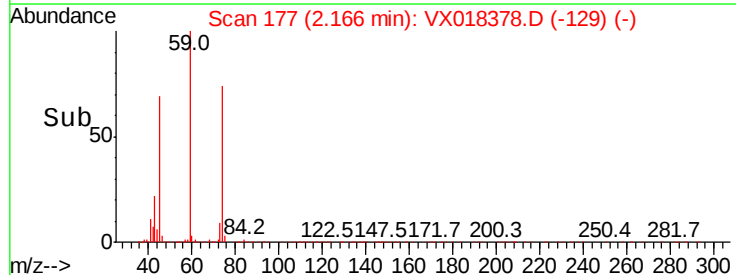
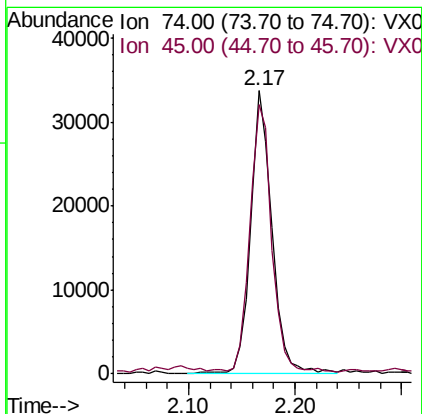
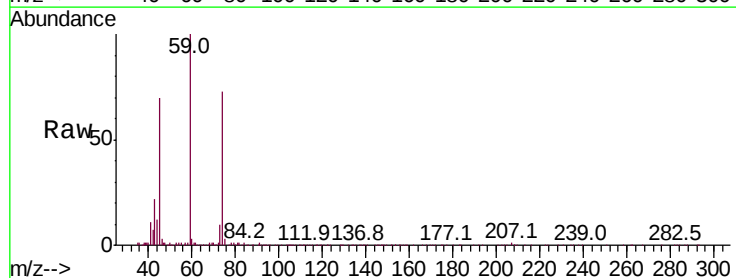
Tot Ion:101 Resp: 151995
Ion Ratio Lower Upper
101 100
103 64.9 50.7 76.1

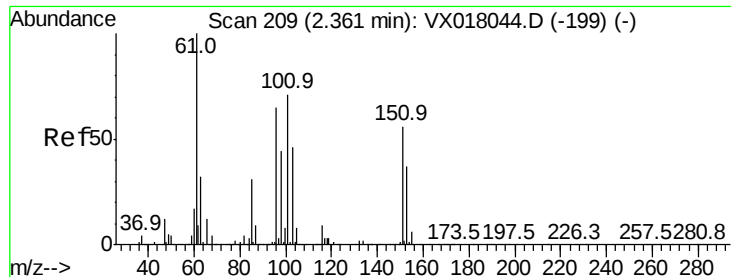


#8

Diethyl Ether
Concen: 17.094 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion: 74 Resp: 46801
Ion Ratio Lower Upper
74 100
45 95.9 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.841 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampled :

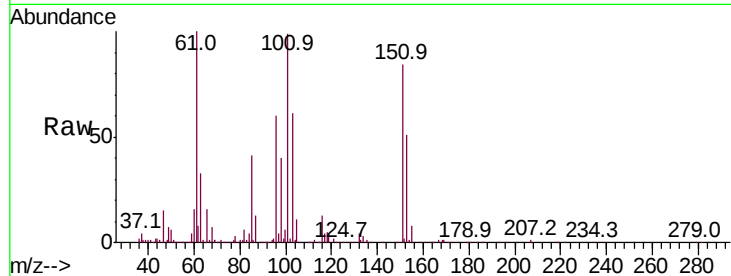
Tot Ion:101 Resp: 77868

Ion Ratio Lower Upper

101 100

85 44.1 34.0 51.0

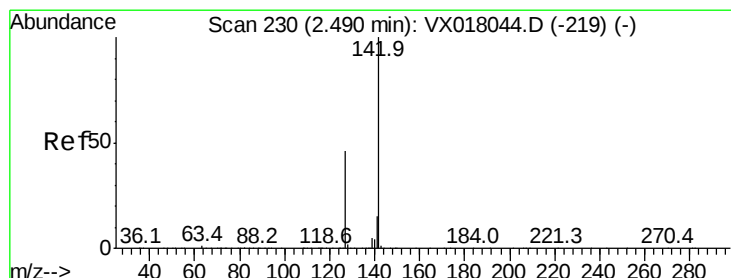
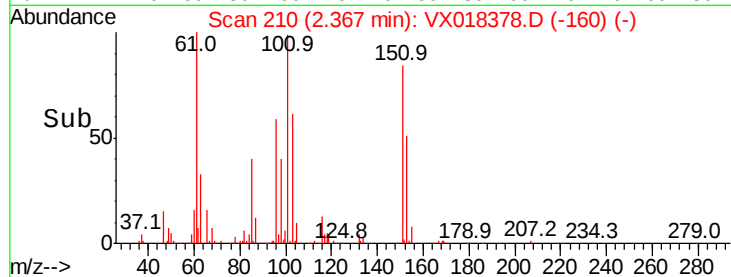
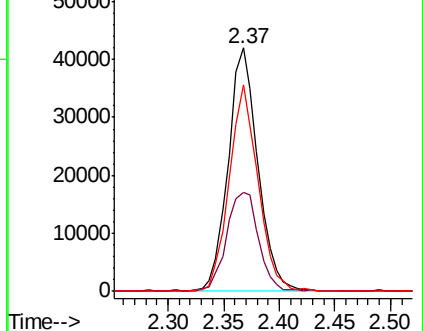
151 82.2 65.2 97.8



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: 20.129 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

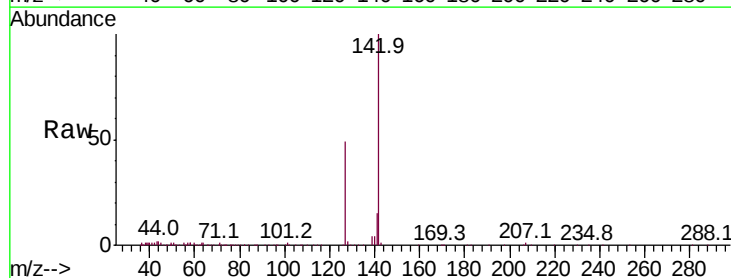
Tgt Ion:142 Resp: 77501

Ion Ratio Lower Upper

142 100

127 49.8 37.0 55.6

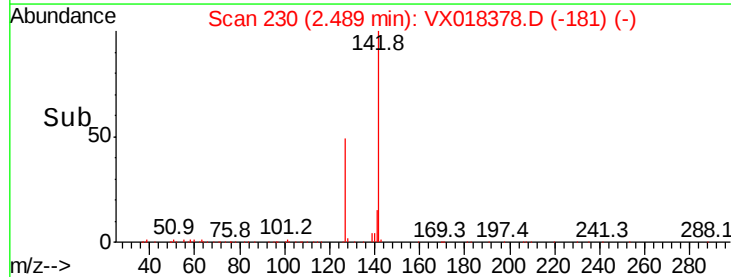
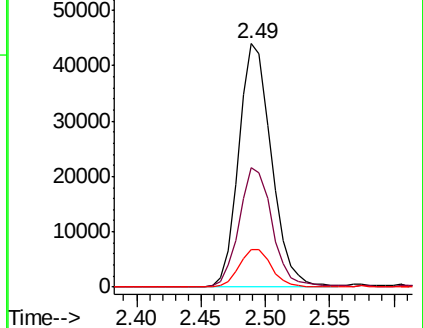
141 15.5 11.5 17.3

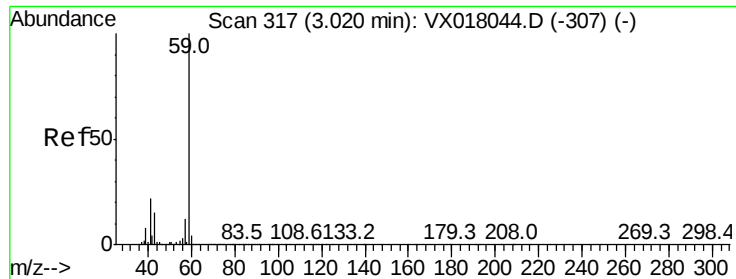


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



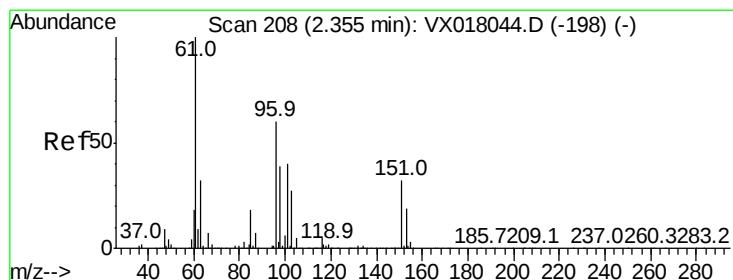
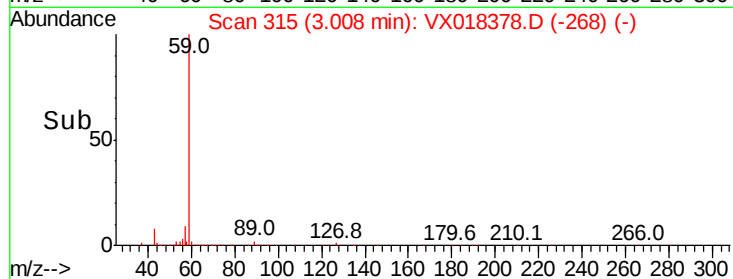
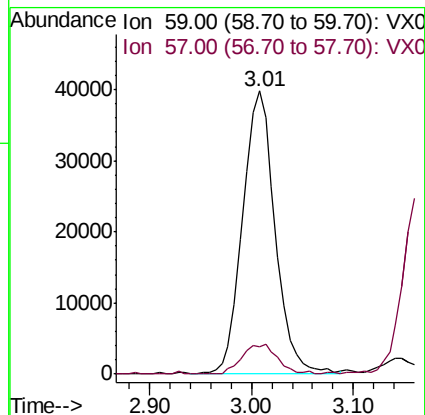
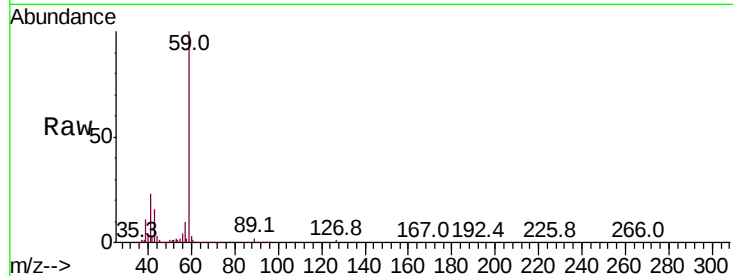


#11

Tert butyl alcohol
 Concen: 70.757 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Instrument :
 MSVOA_X
 ClientSampled :

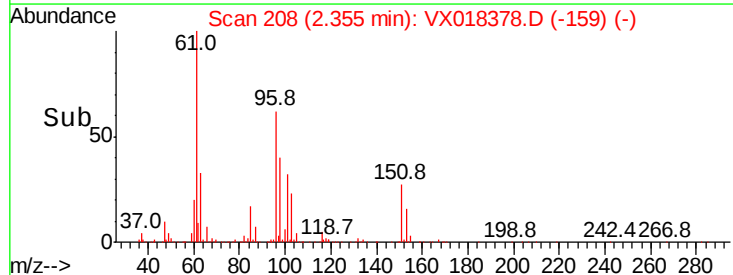
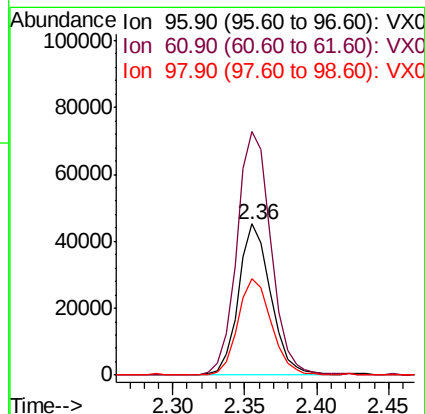
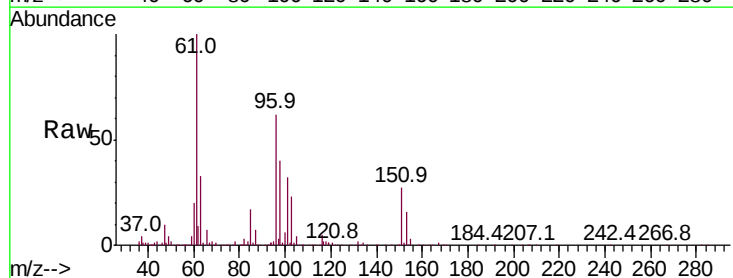
Tot Ion: 59 Resp: 88496
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.9 13.3

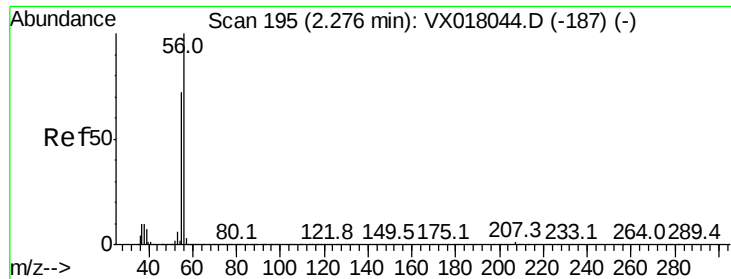


#12

1,1-Dichloroethene
 Concen: 15.622 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Tgt Ion: 96 Resp: 70737
 Ion Ratio Lower Upper
 96 100
 61 160.9 133.0 199.4
 98 63.8 51.6 77.4

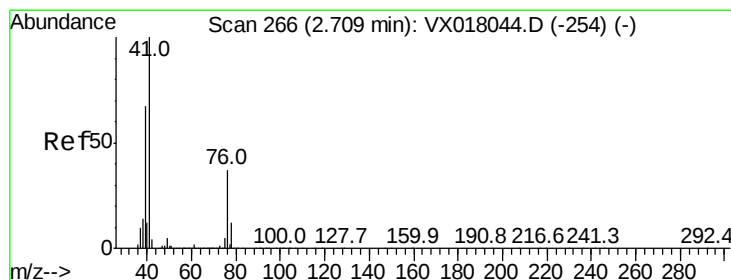
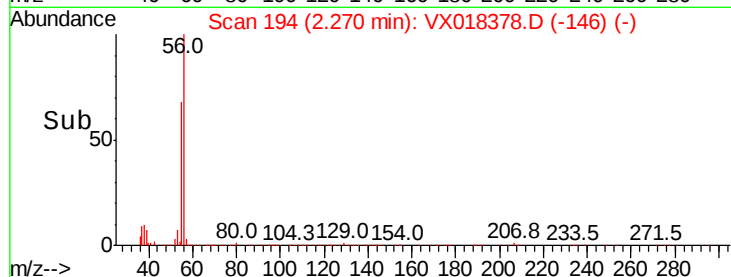
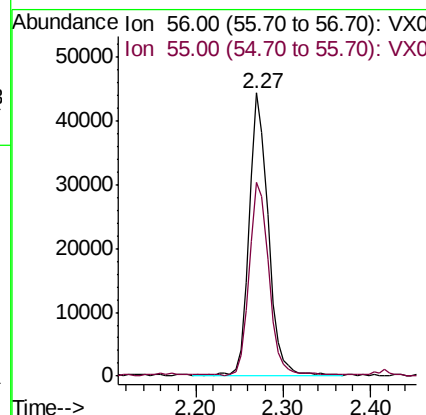
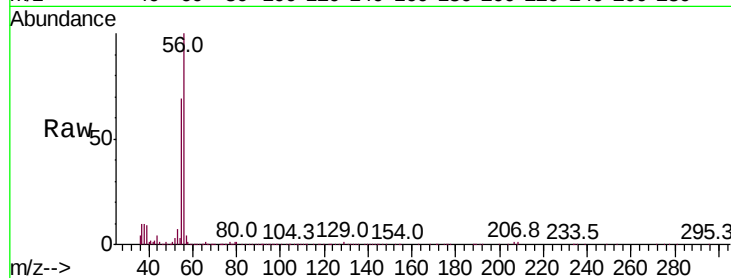




#13
Acrolein
Concen: 131.042 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

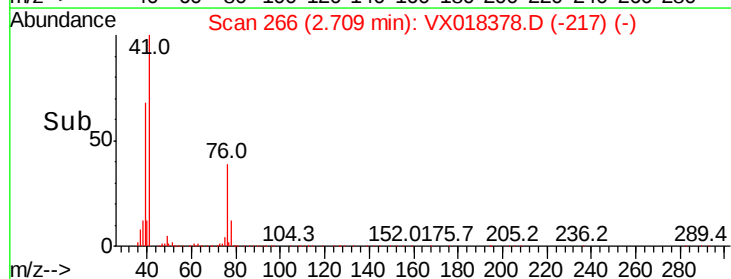
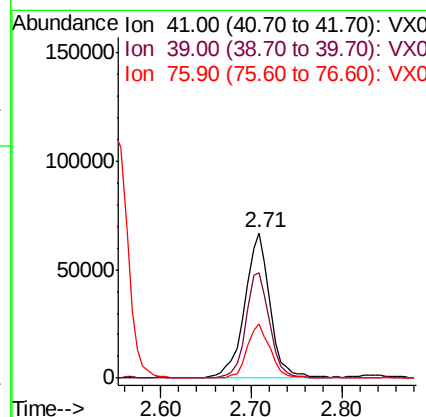
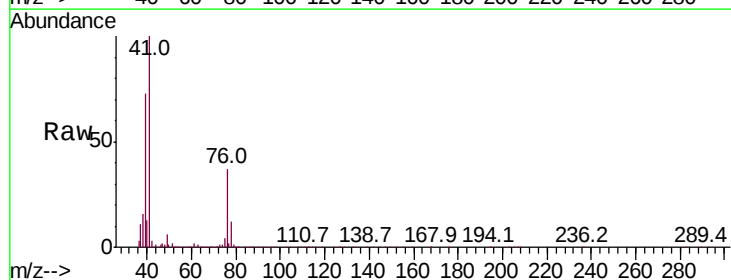
Instrument :
MSVOA_X
ClientSampleId :

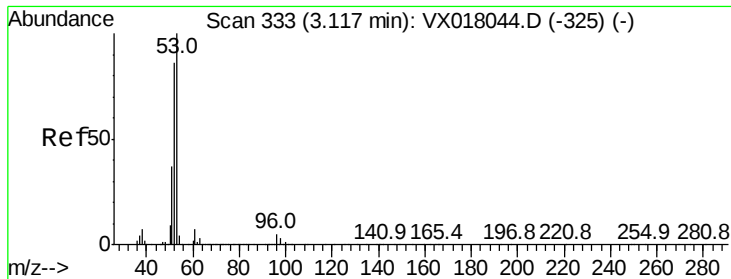
Tot Ion: 56 Resp: 67958
Ion Ratio Lower Upper
56 100
55 70.3 57.0 85.6



#14
Allyl chloride
Concen: 15.774 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion: 41 Resp: 128325
Ion Ratio Lower Upper
41 100
39 68.5 50.6 76.0
76 33.7 26.2 39.2





#15

Acrylonitrile

Concen: 73.750 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

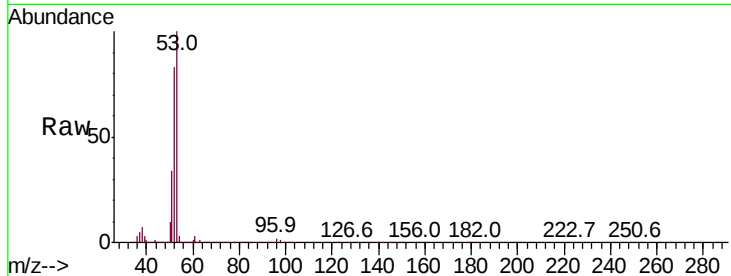
Tot Ion: 53 Resp: 209234

Ion Ratio Lower Upper

53 100

52 83.5 66.9 100.3

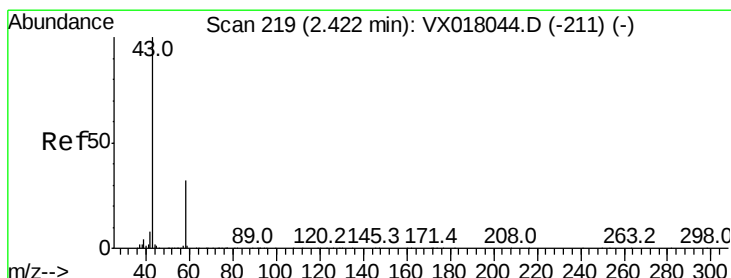
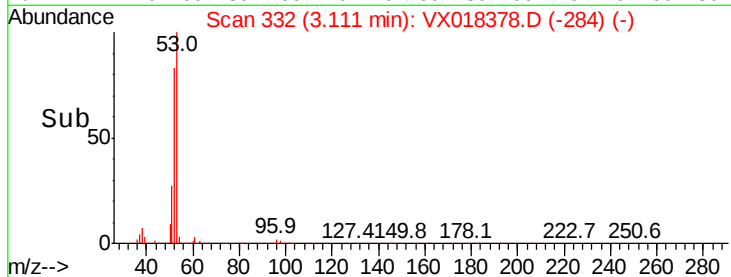
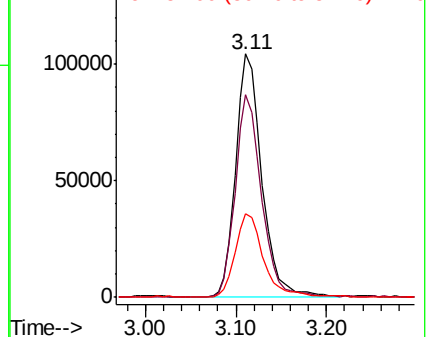
51 36.7 28.7 43.1



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: 78.328 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018378.D

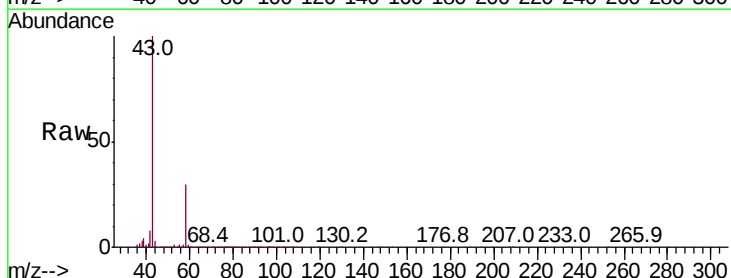
Acq: 14 Sep 2020 12:19

Tgt Ion: 43 Resp: 196327

Ion Ratio Lower Upper

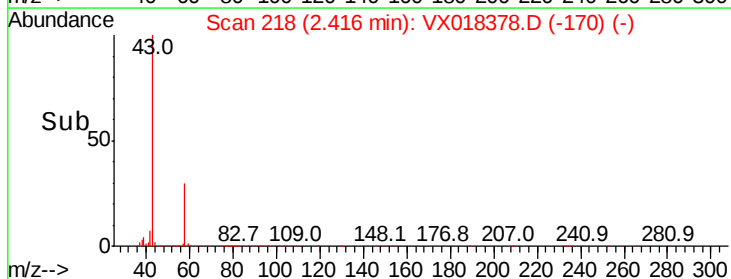
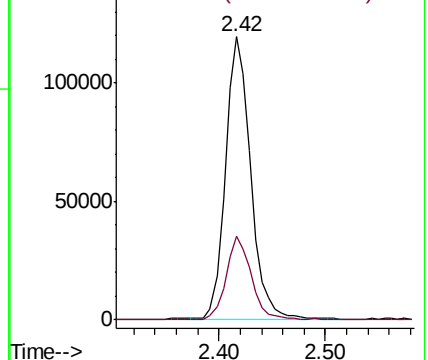
43 100

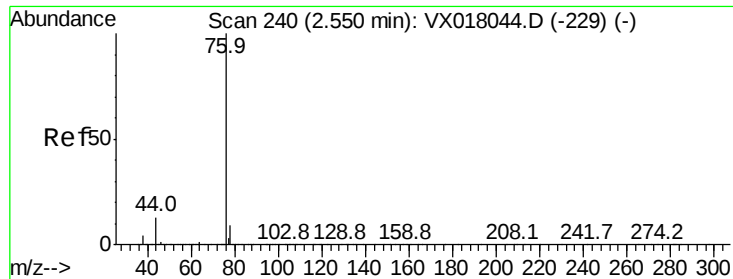
58 29.8 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

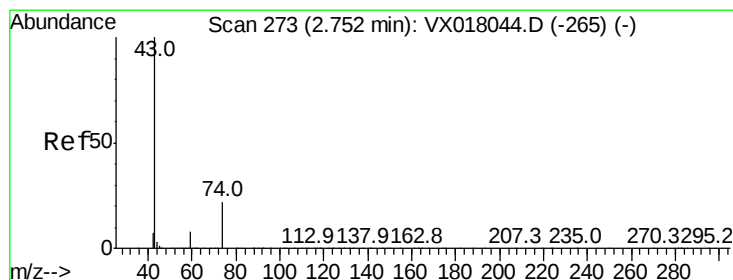
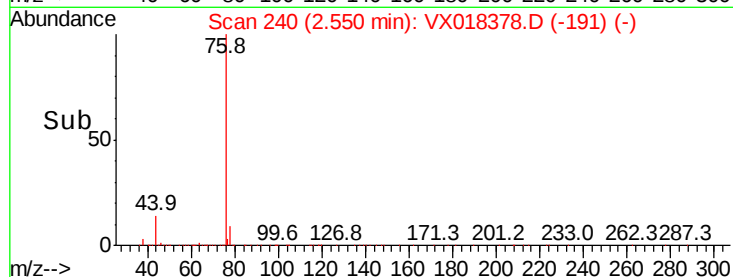
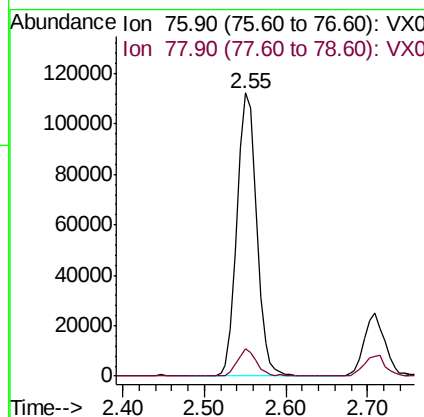
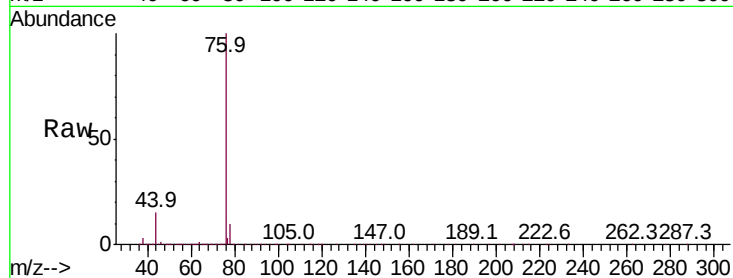




#17
Carbon Disulfide
Concen: 13.598 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

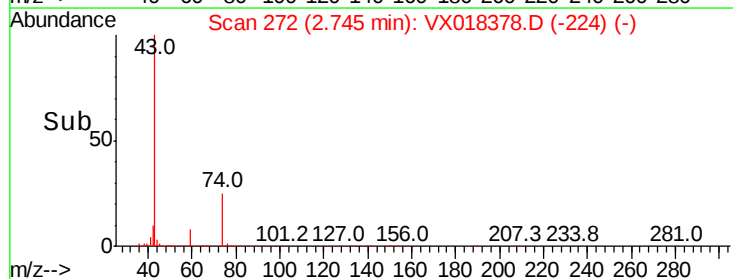
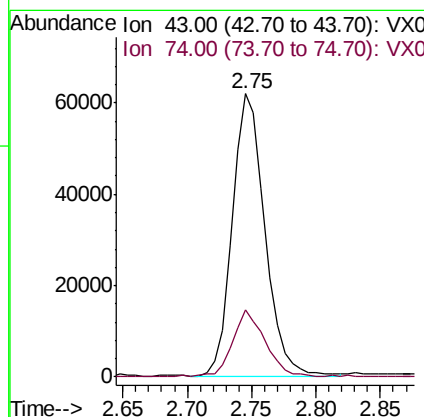
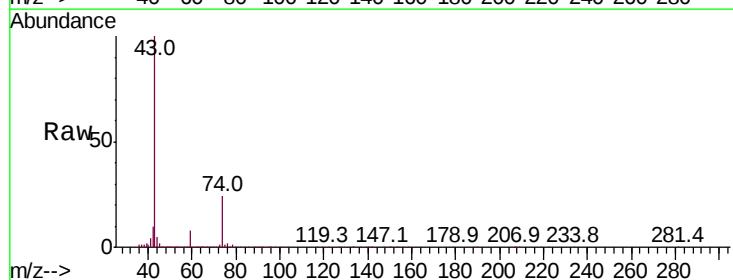
Instrument :
MSVOA_X
ClientSampleId :

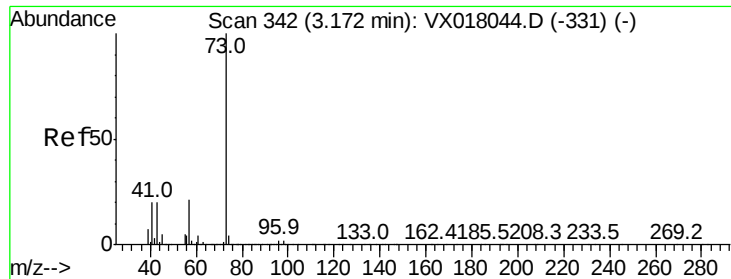
Tot Ion: 76 Resp: 186132
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 17.877 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion: 43 Resp: 108127
Ion Ratio Lower Upper
43 100
74 24.3 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 16.528 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.01 min

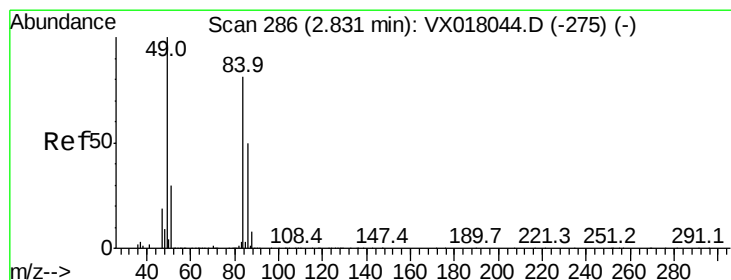
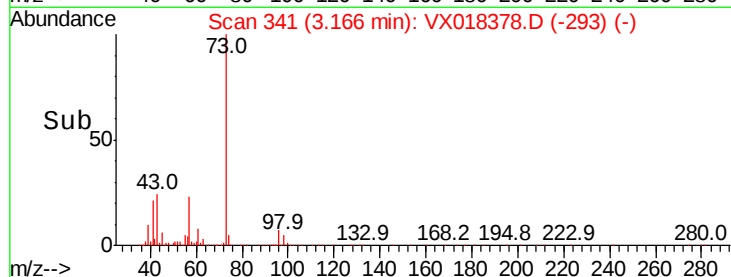
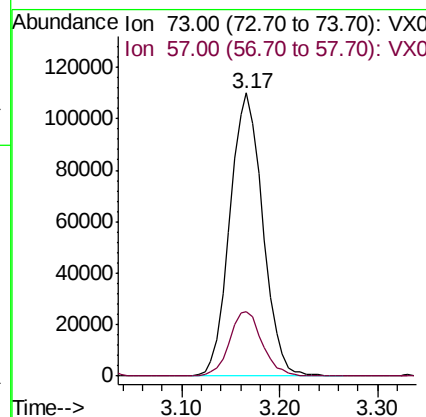
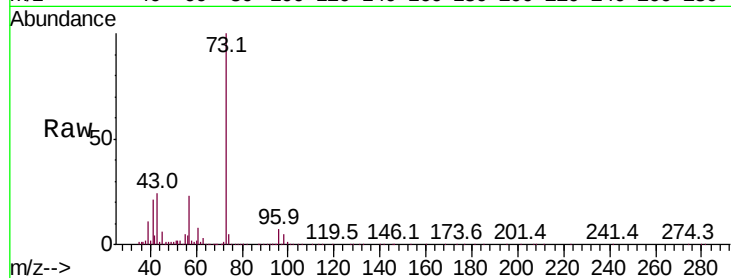
Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 256662

Ion	Ratio	Lower	Upper
73	100		
57	22.6	16.8	25.2



#20

Methylene Chloride

Concen: 15.268 ug/l

RT: 2.83 min Scan# 286

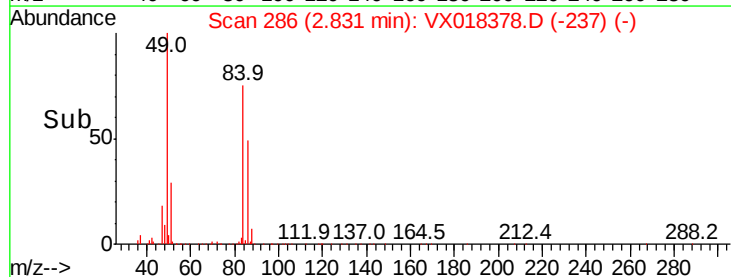
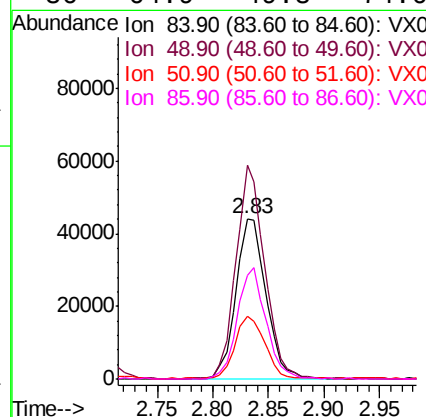
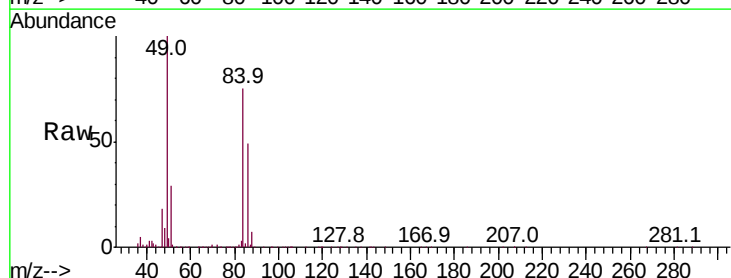
Delta R.T. 0.00 min

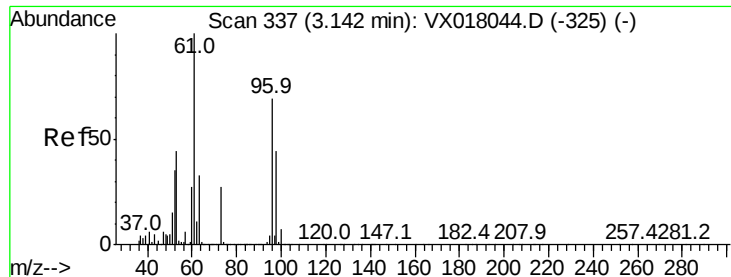
Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Tgt Ion: 84 Resp: 82405

Ion	Ratio	Lower	Upper
84	100		
49	132.9	98.6	148.0
51	38.6	29.6	44.4
86	64.9	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 15.068 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :

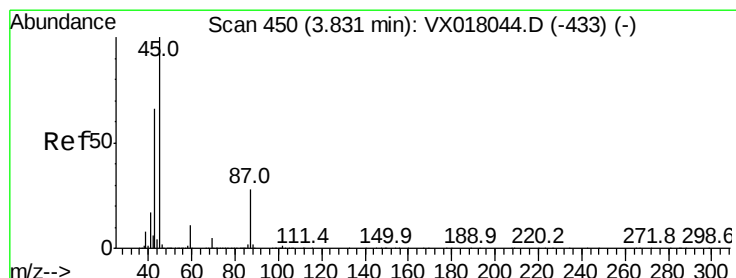
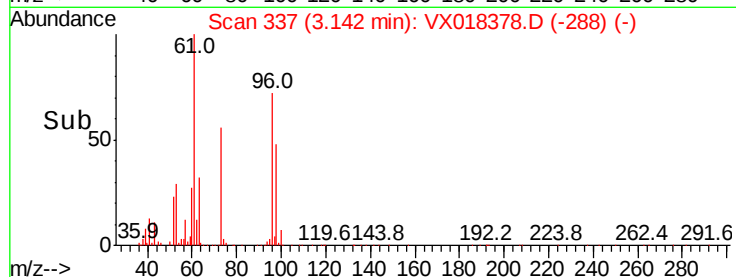
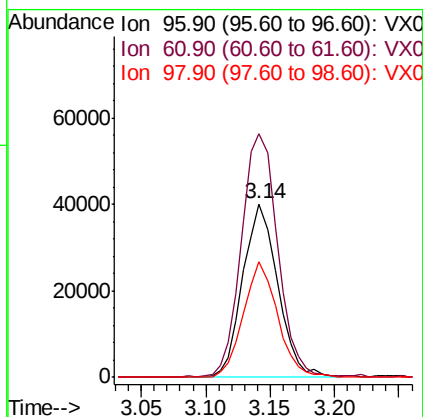
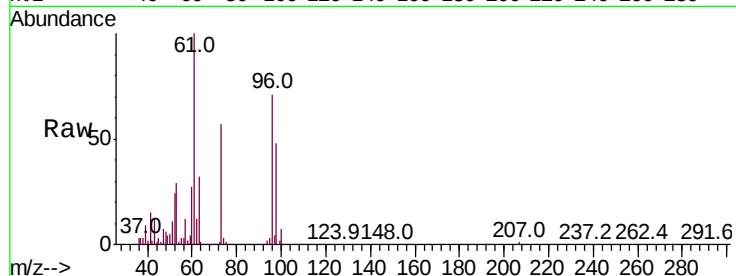
Tot Ion: 96 Resp: 75591

Ion Ratio Lower Upper

96 100

61 139.5 115.4 173.0

98 66.3 51.1 76.7



#22

Diisopropyl ether

Concen: 16.089 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Tgt Ion: 45 Resp: 258339

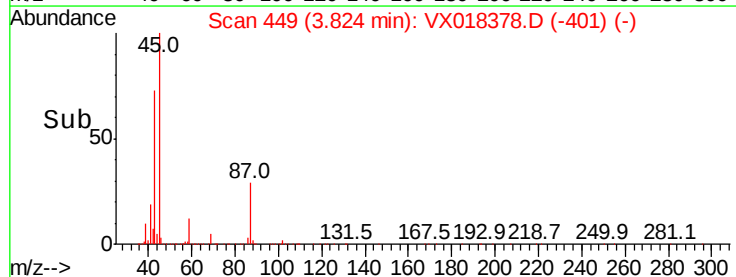
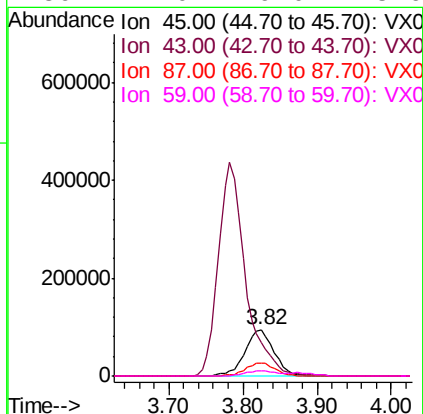
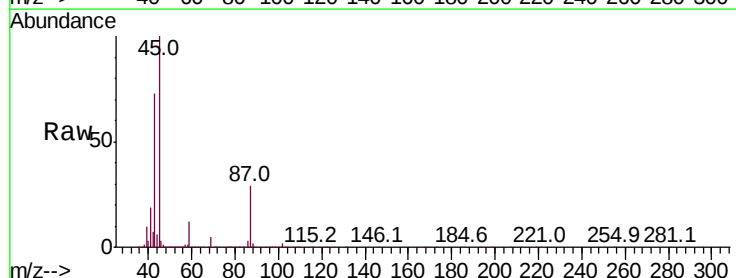
Ion Ratio Lower Upper

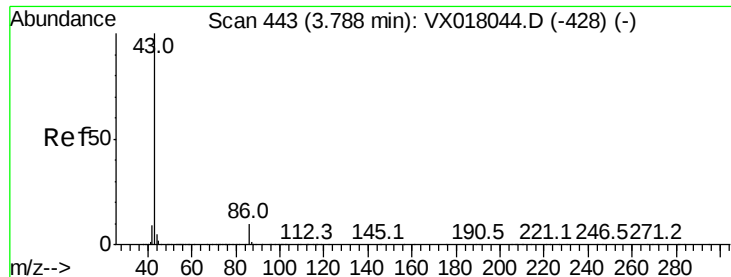
45 100

43 72.9 52.8 79.2

87 28.6 22.5 33.7

59 12.0 9.0 13.6





#23

Vinyl Acetate

Concen: 77.931 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

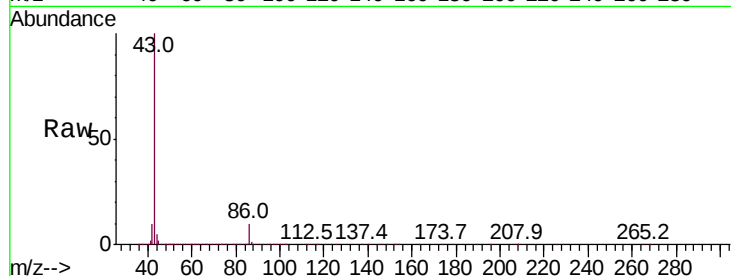
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1113413

Ion Ratio Lower Upper

43 100

86 10.0 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

400000

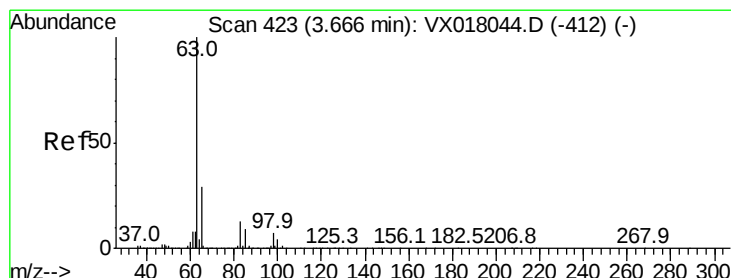
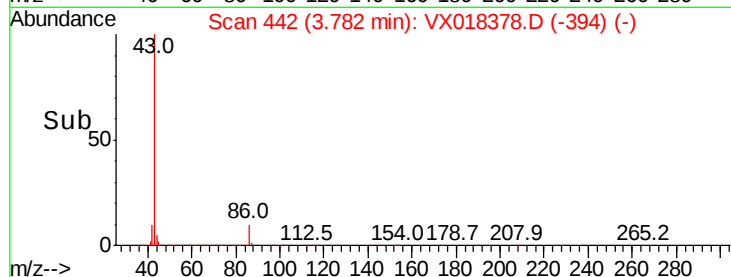
300000

200000

100000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#24

1,1-Dichloroethane

Concen: 16.197 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

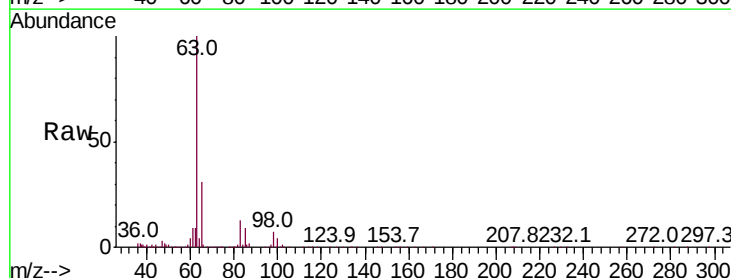
Tgt Ion: 63 Resp: 148046

Ion Ratio Lower Upper

63 100

98 6.8 3.6 10.8

100 3.7 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.67

80000

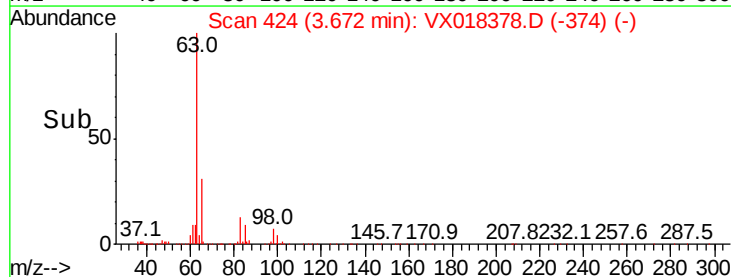
60000

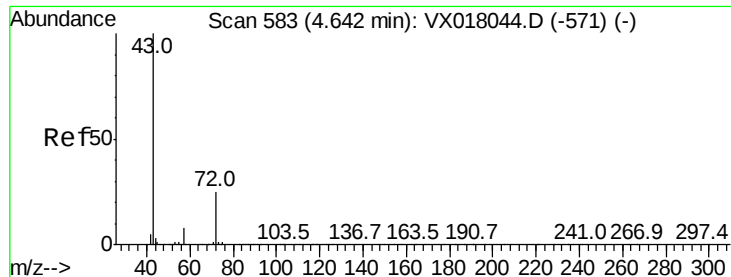
40000

20000

0

Time--> 3.60 3.70 3.80

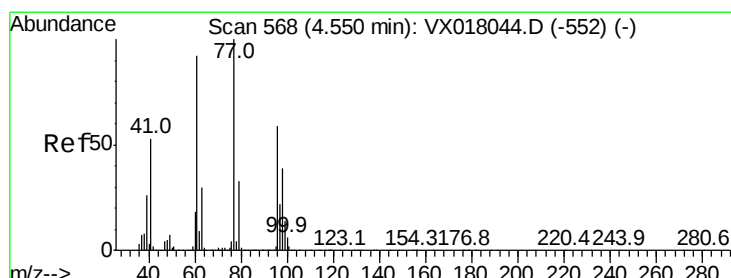
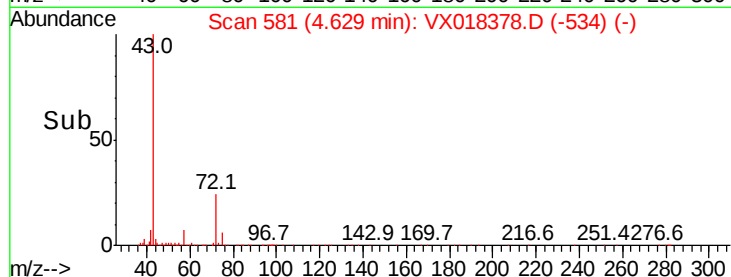
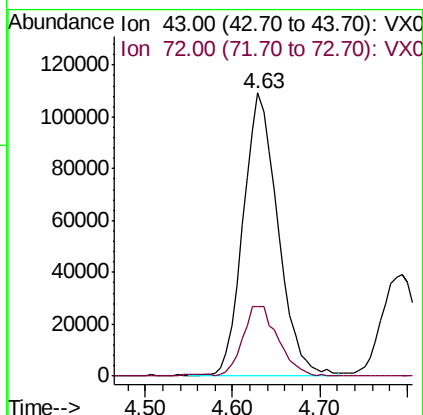
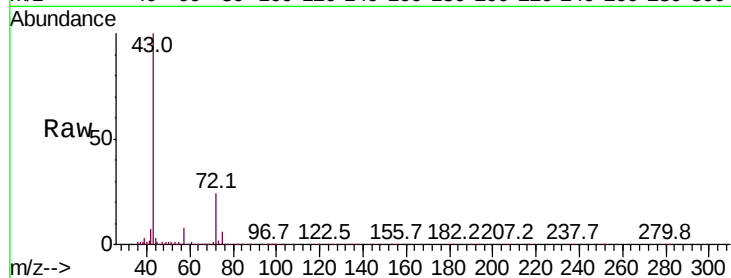




#25
2-Butanone
Concen: 72.619 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

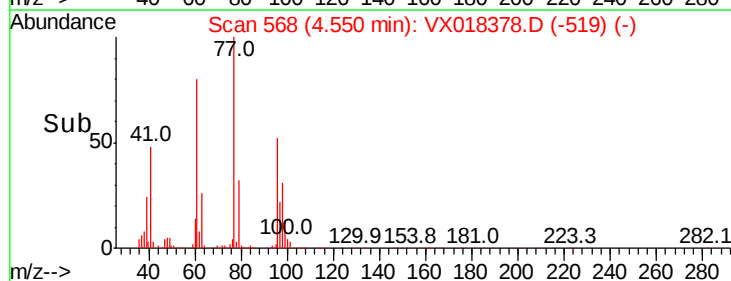
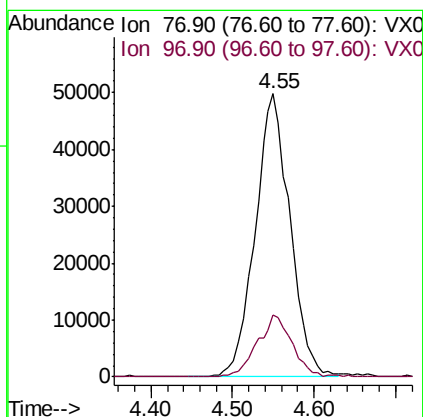
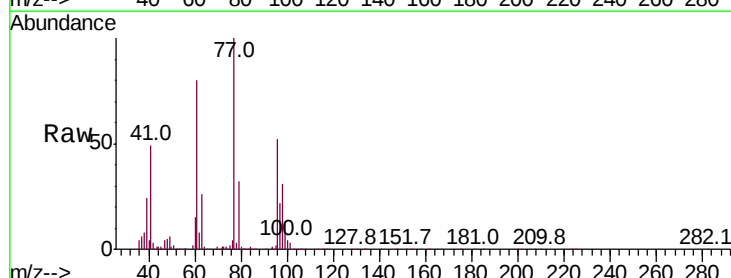
Instrument :
MSVOA_X
ClientSampleId :

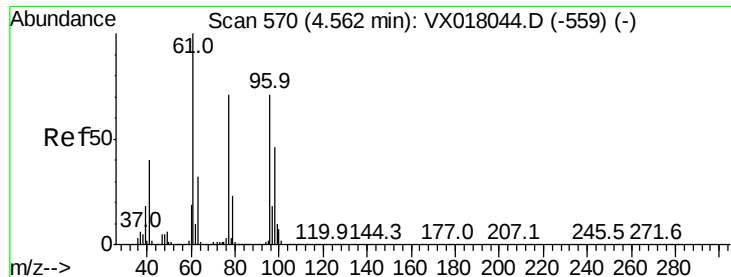
Tot Ion: 43 Resp: 299141
Ion Ratio Lower Upper
43 100
72 24.2 19.8 29.6



#26
2,2-Dichloropropane
Concen: 19.854 ug/l
RT: 4.55 min Scan# 568
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion: 77 Resp: 147649
Ion Ratio Lower Upper
77 100
97 21.4 11.5 34.5



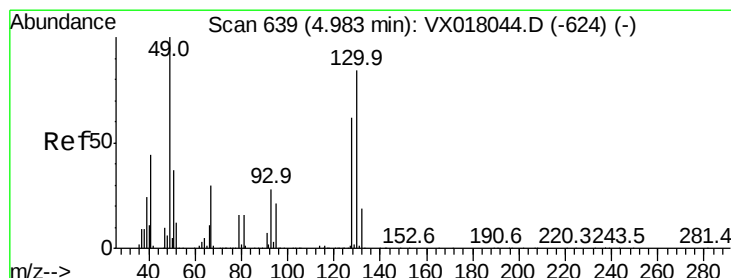
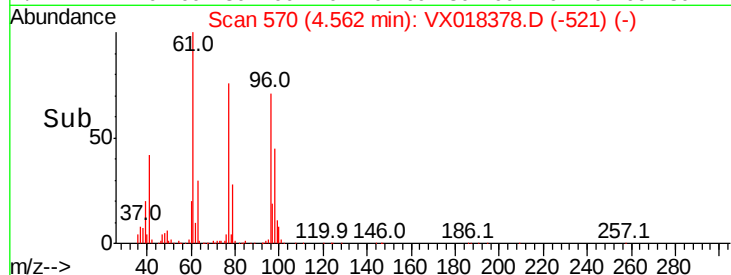
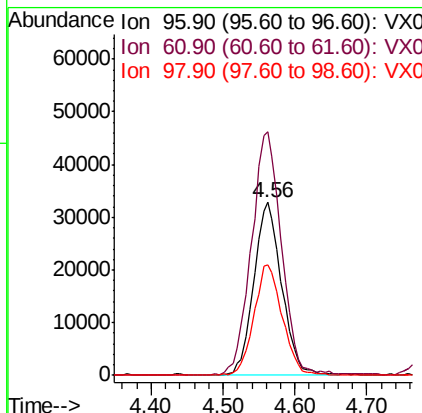
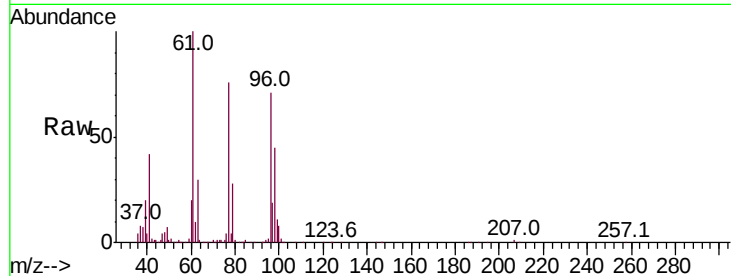


#27

cis-1,2-Dichloroethene
Concen: 15.317 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :

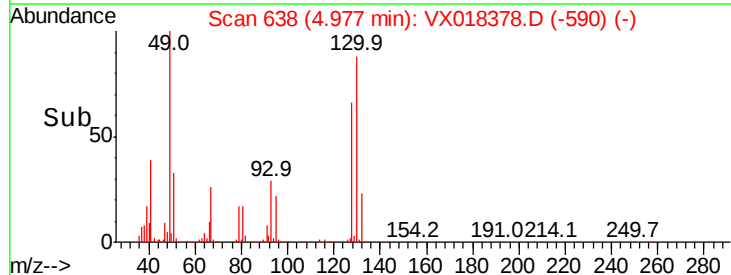
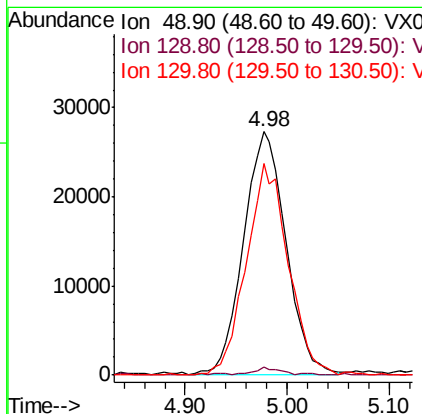
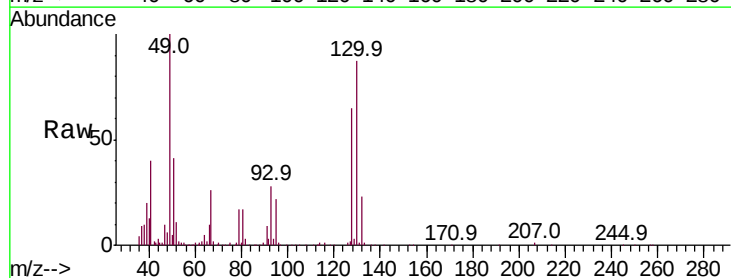
Tot Ion	Ratio	Lower	Upper
96	100		
61	151.9	0.0	296.6
98	64.7	0.0	130.2

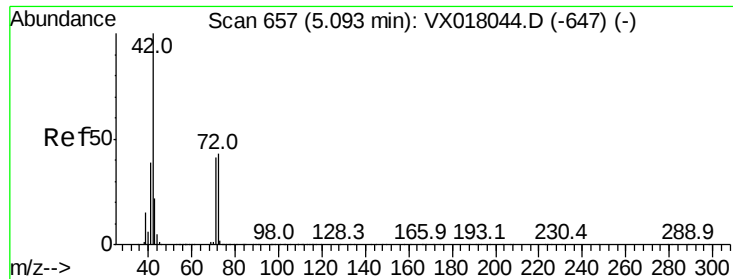


#28

Bromochloromethane
Concen: 17.747 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	87.0	64.6	96.8





#29

Tetrahydrofuran

Concen: 69.598 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

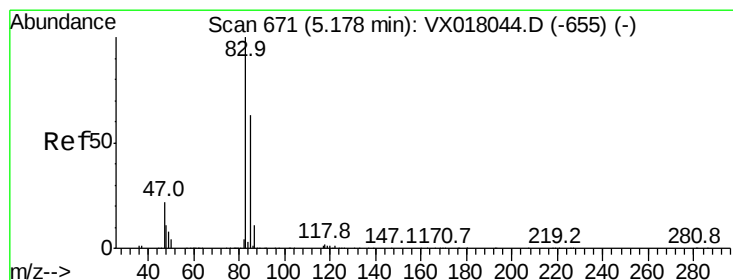
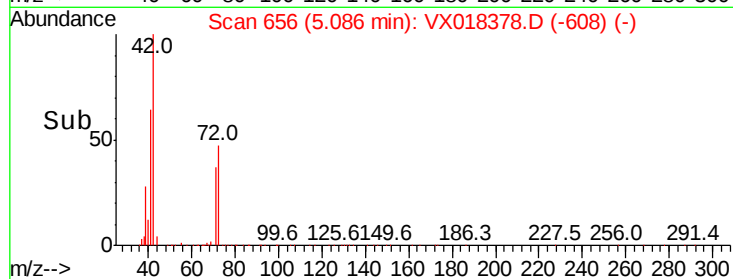
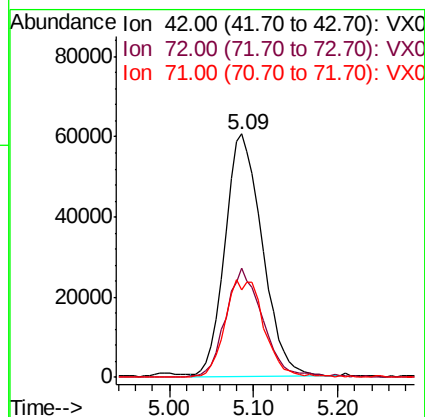
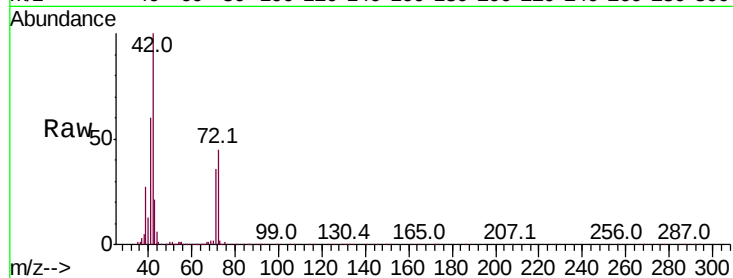
Tot Ion: 42 Resp: 182505

Ion Ratio Lower Upper

42 100

72 44.8 34.2 51.4

71 42.1 32.1 48.1



#30

Chloroform

Concen: 17.179 ug/l

RT: 5.18 min Scan# 671

Delta R.T. -0.00 min

Lab File: VX018378.D

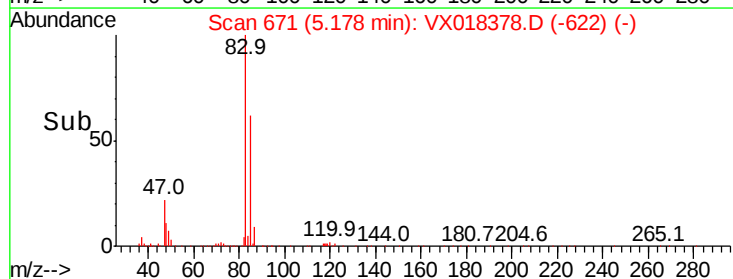
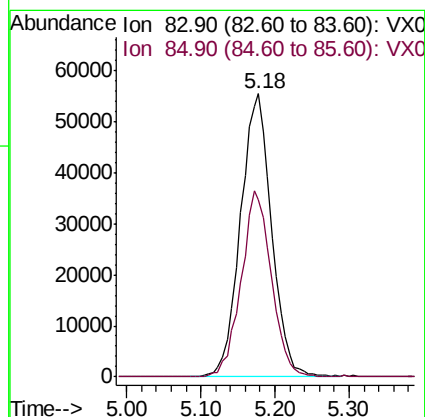
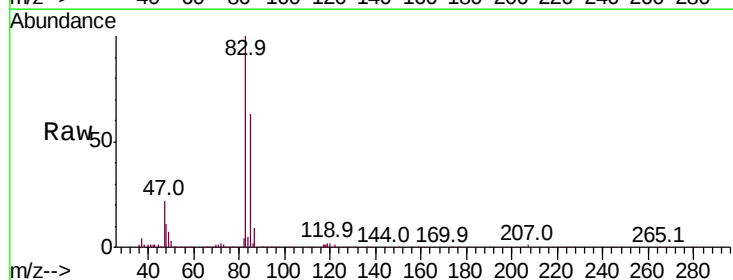
Acq: 14 Sep 2020 12:19

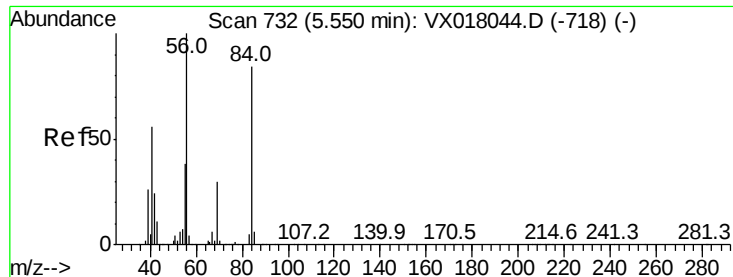
Tgt Ion: 83 Resp: 162586

Ion Ratio Lower Upper

83 100

85 62.6 50.7 76.1

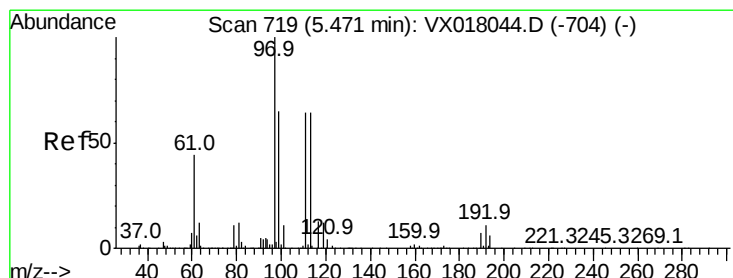
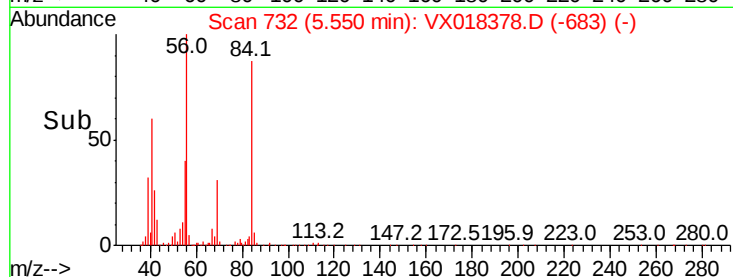
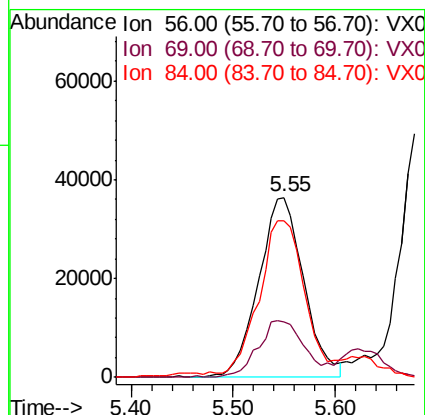
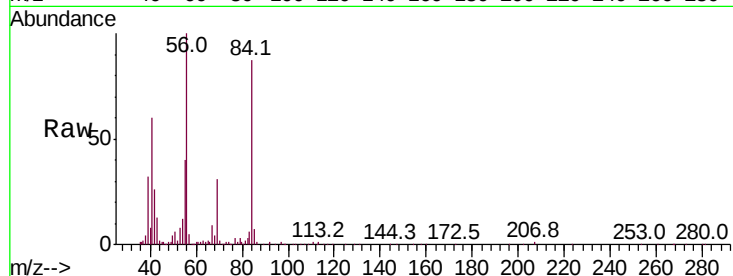




#31
Cyclohexane
Concen: 14.399 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

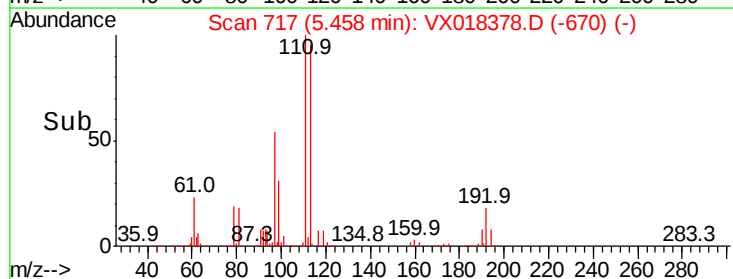
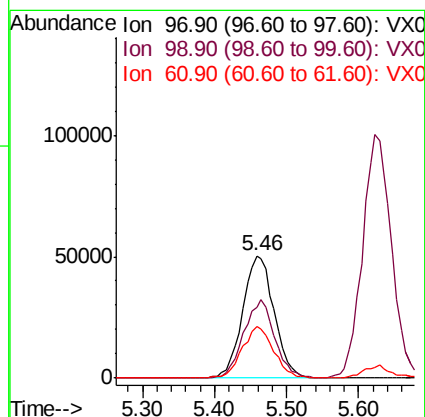
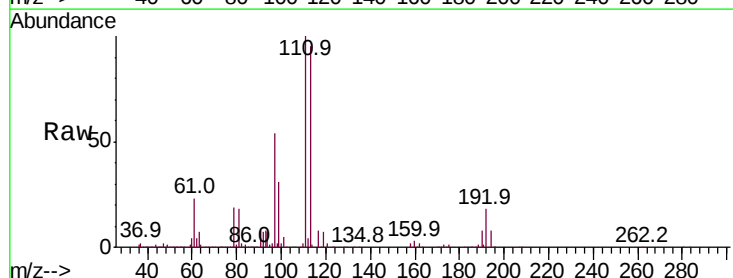
Instrument :
MSVOA_X
ClientSampleId :

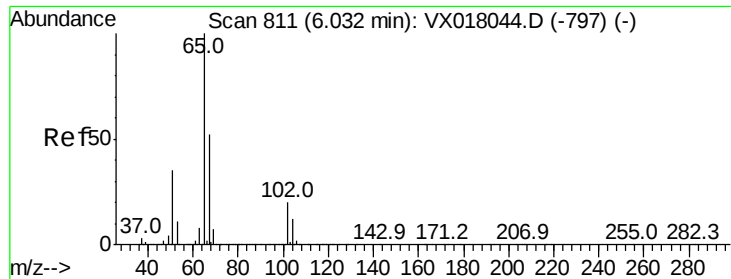
Tot Ion: 56 Resp: 110860
Ion Ratio Lower Upper
56 100
69 30.9 23.9 35.9
84 84.2 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 17.479 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion: 97 Resp: 151807
Ion Ratio Lower Upper
97 100
99 63.2 51.4 77.0
61 42.8 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 52.350 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

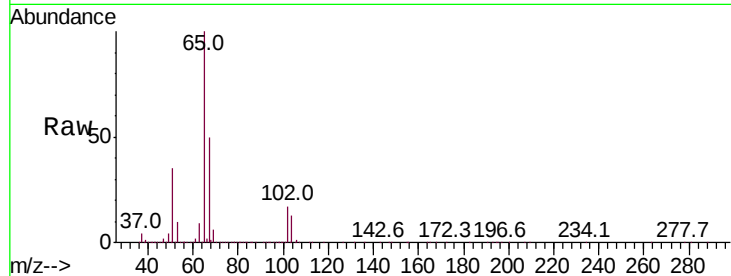
ClientSampled :

Tot Ion: 65 Resp: 336743

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

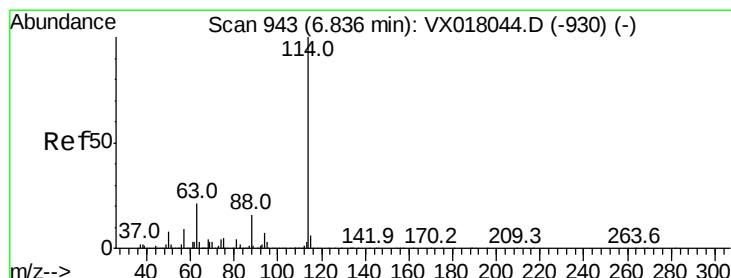
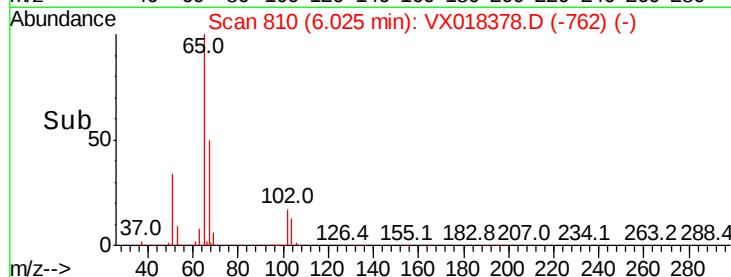
100000

50000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

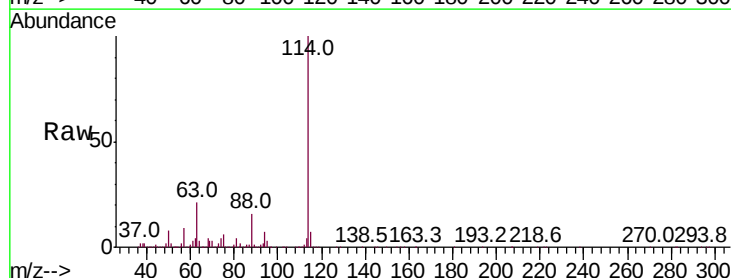
Tgt Ion: 114 Resp: 705624

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 16.5 0.0 31.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.83

400000

300000

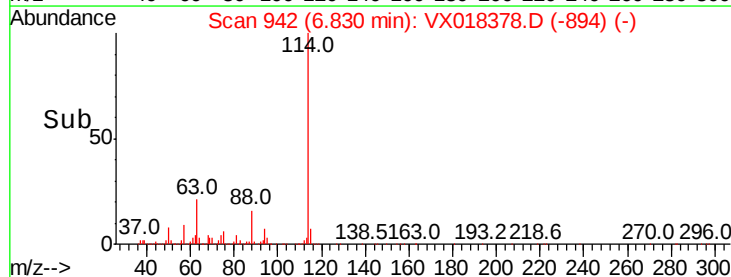
200000

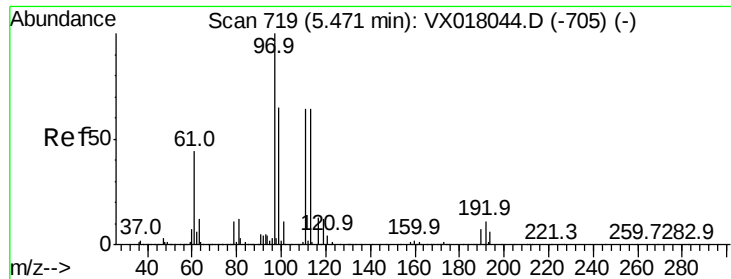
100000

0

Time-->

6.70 6.80 6.90

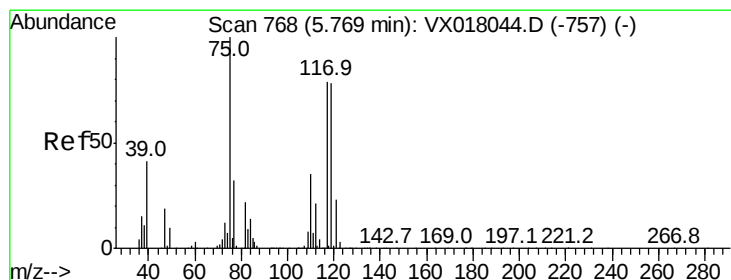
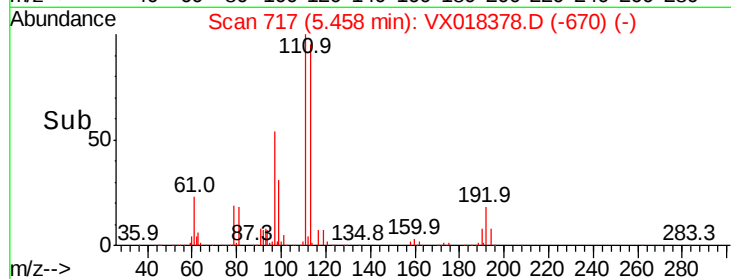
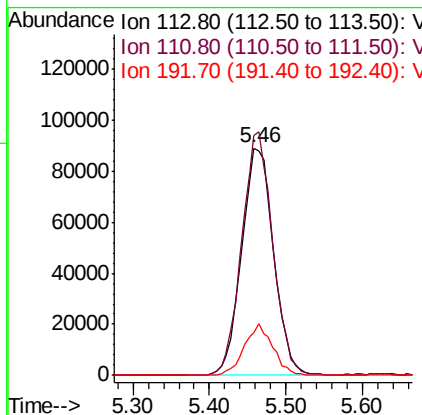
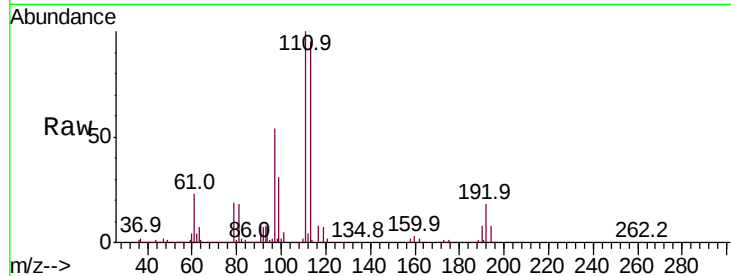




#35
 Dibromofluoromethane
 Concen: 53.995 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

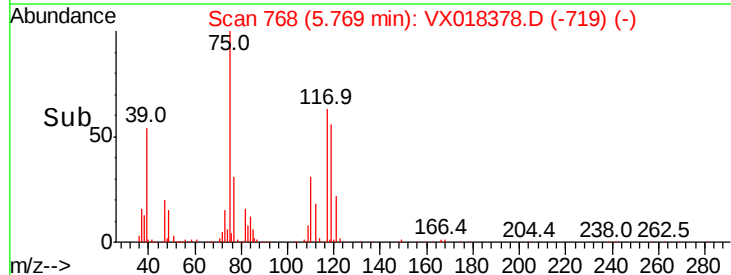
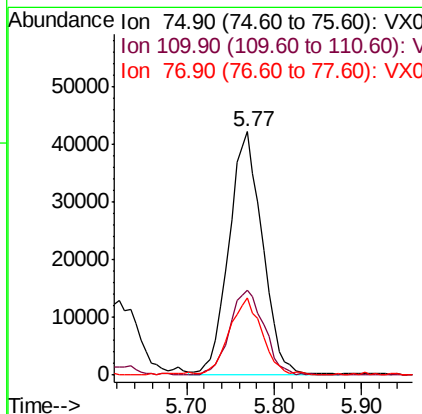
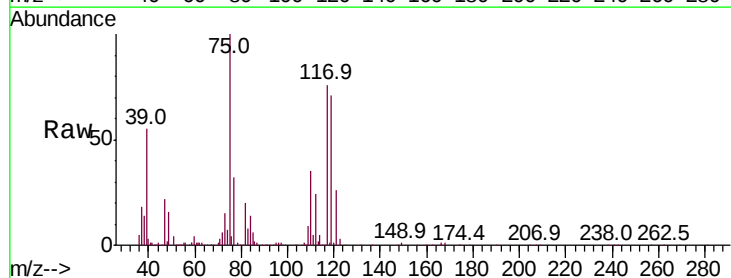
Instrument :
 MSVOA_X
 ClientSampleId :

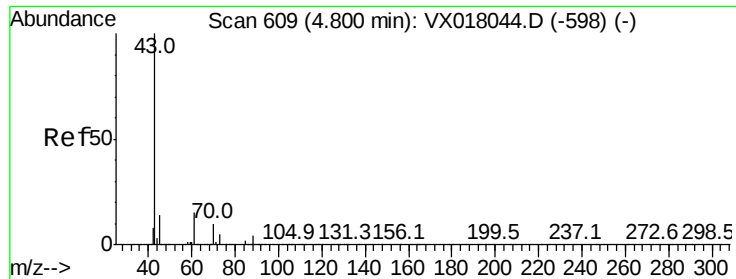
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.0	81.6	122.4
192	20.1	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 17.194 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.0	54.0
77	31.3	24.4	36.6

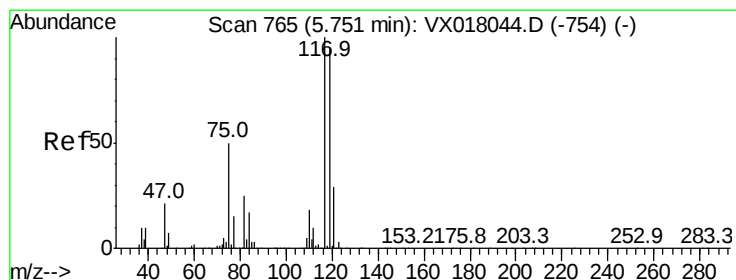
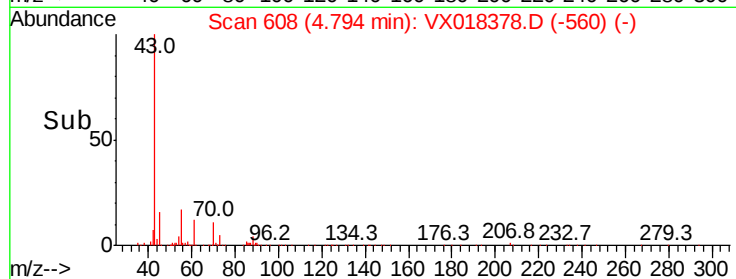
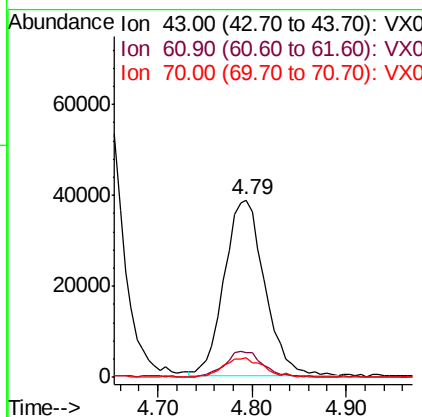
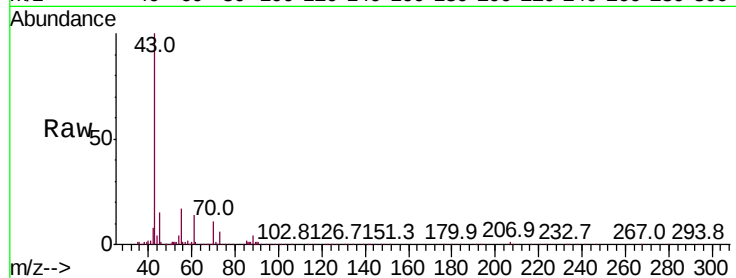




#37
Ethyl Acetate
Concen: 15.134 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

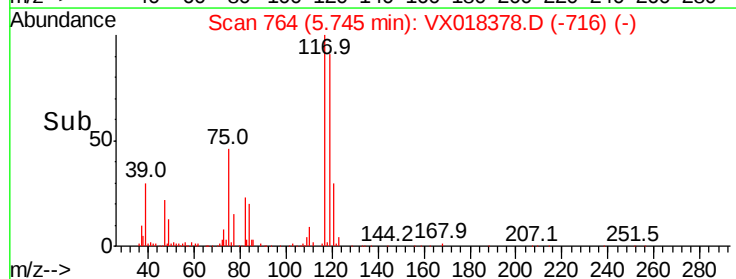
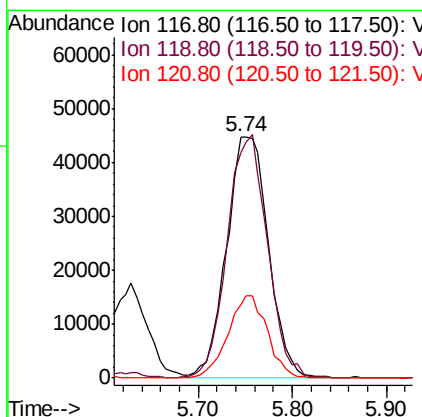
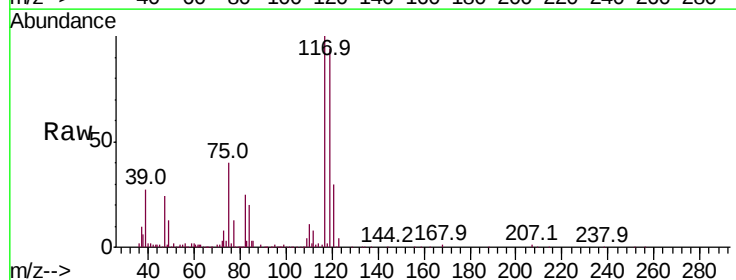
Instrument :
MSVOA_X
ClientSampleId :

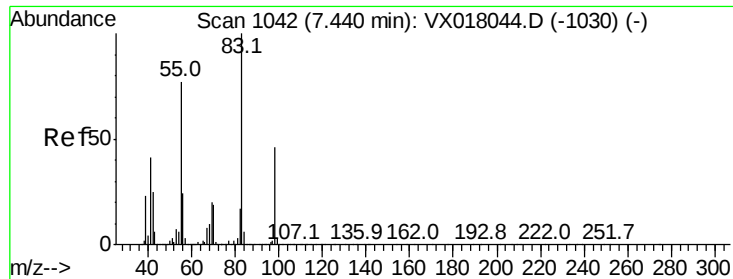
Tot Ion: 43 Resp: 114397
Ion Ratio Lower Upper
43 100
61 14.4 11.3 16.9
70 11.7 8.2 12.4



#38
Carbon Tetrachloride
Concen: 18.797 ug/l
RT: 5.74 min Scan# 764
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion: 117 Resp: 137868
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.6
121 30.3 23.4 35.0

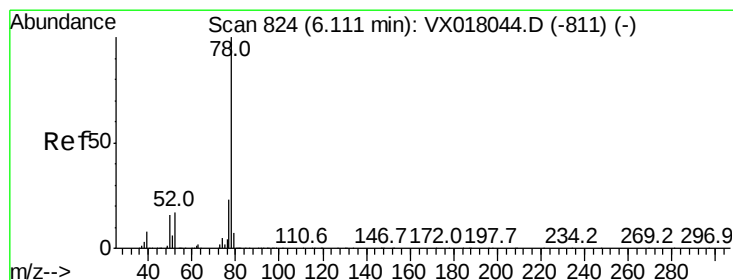
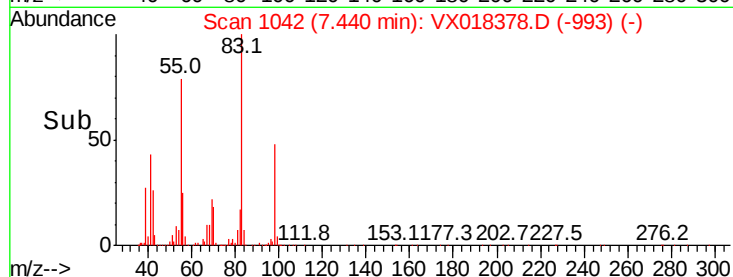
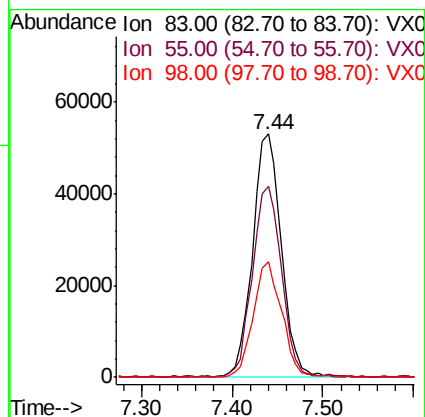
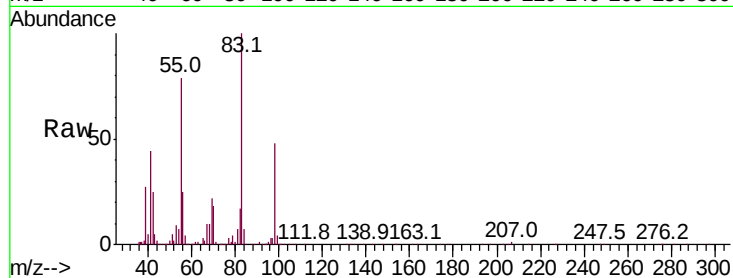




#39
Methvlcvclohexane
Concen: 16.342 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

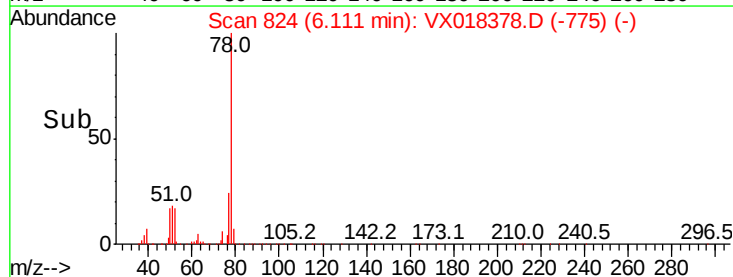
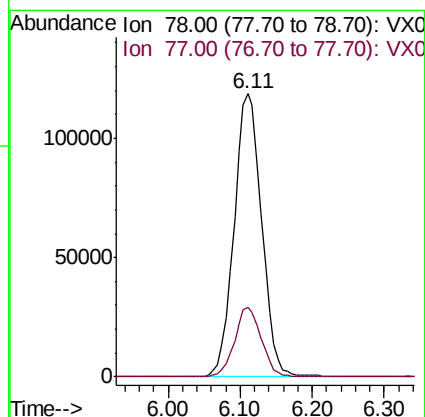
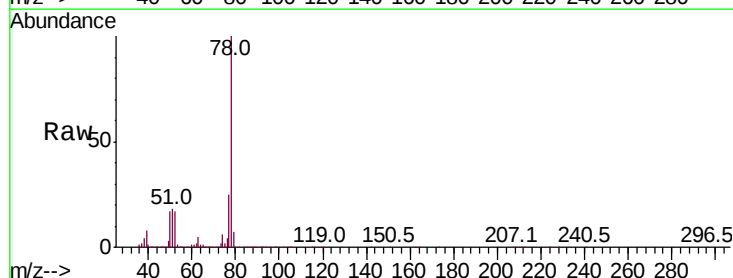
Instrument :
MSVOA_X
ClientSampleId :

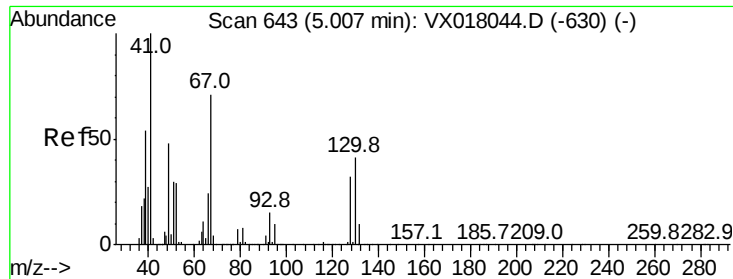
Tot Ion: 83 Resp: 116302
Ion Ratio Lower Upper
83 100
55 78.2 61.8 92.6
98 47.6 36.6 55.0



#40
Benzene
Concen: 16.443 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion: 78 Resp: 314457
Ion Ratio Lower Upper
78 100
77 24.7 18.2 27.2

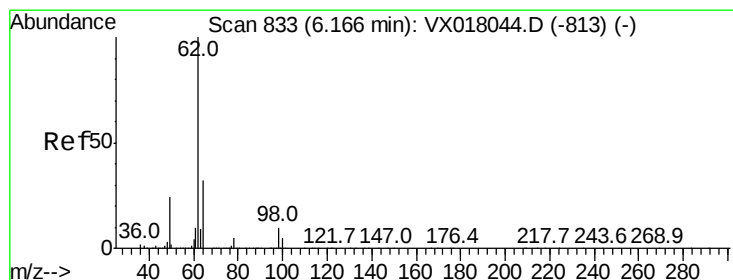
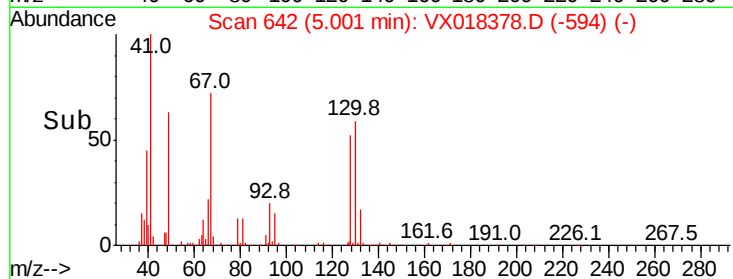
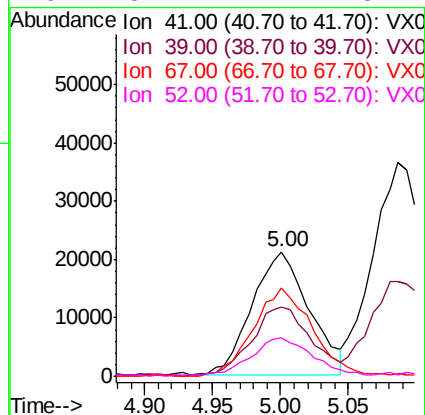
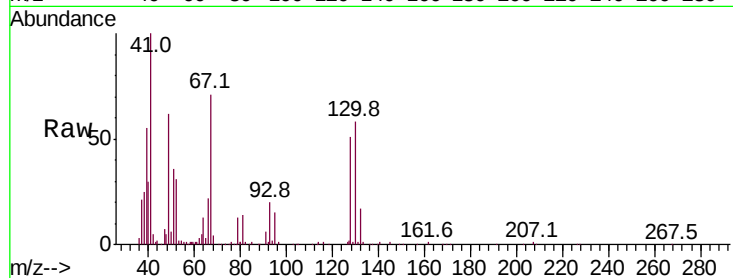




#41
Methacrylonitrile
Concen: 14.868 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

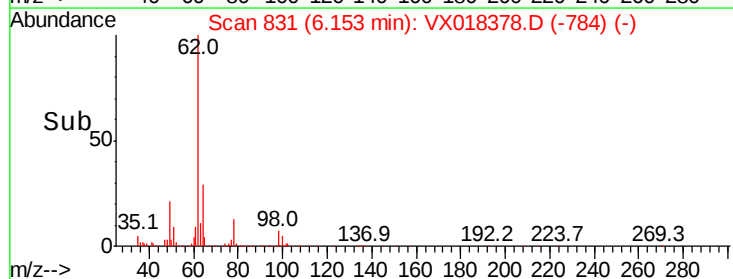
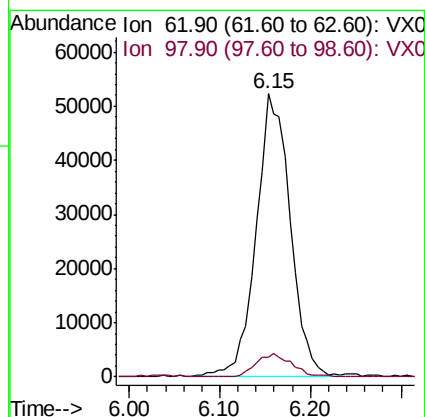
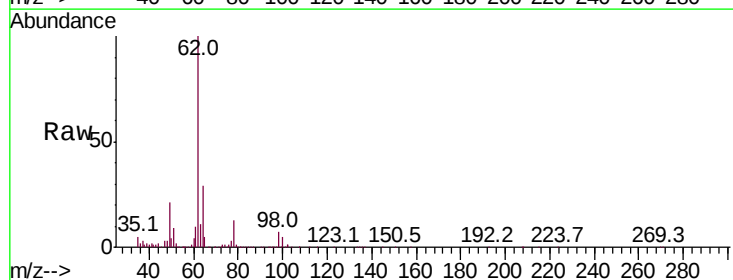
Instrument :
MSVOA_X
ClientSampleId :

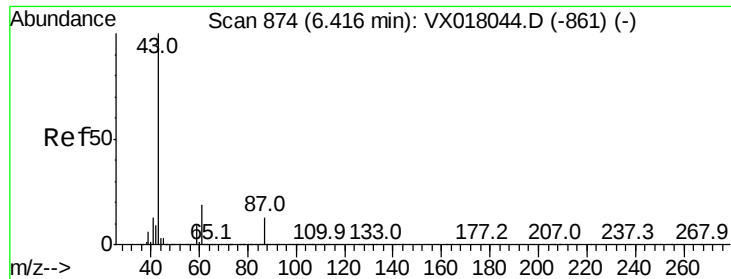
Tot Ion:	41	Resp:	61710
Ion	Ratio	Lower	Upper
41	100		
39	57.9	43.1	64.7
67	73.4	56.0	84.0
52	32.2	22.7	34.1



#42
1,2-Dichloroethane
Concen: 18.334 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion:	62	Resp:	134337
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	18.2



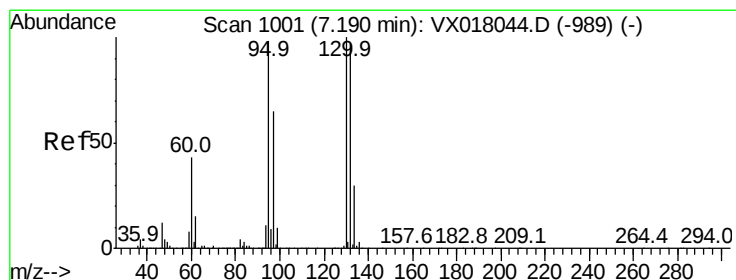
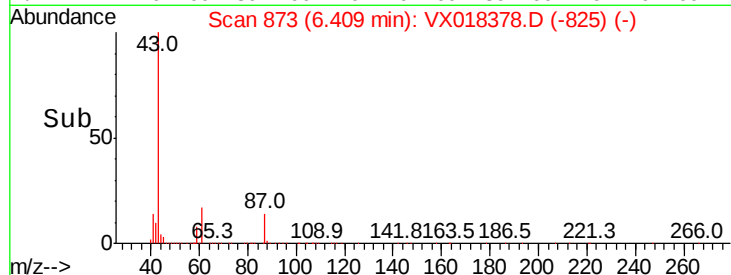
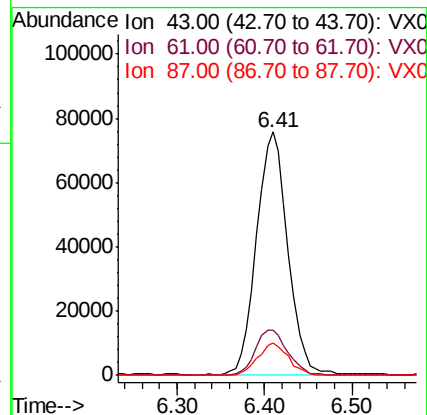
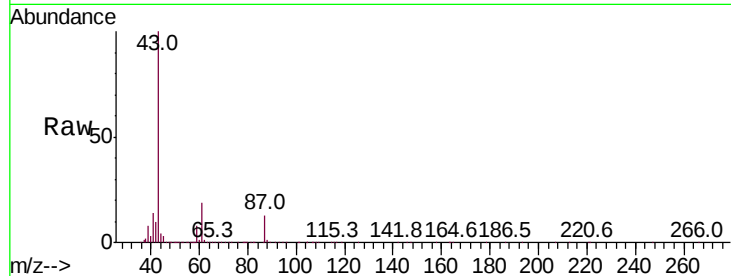


#43

Isopropyl Acetate
 Concen: 15.442 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Instrument :
 MSVOA_X
 ClientSampleId :

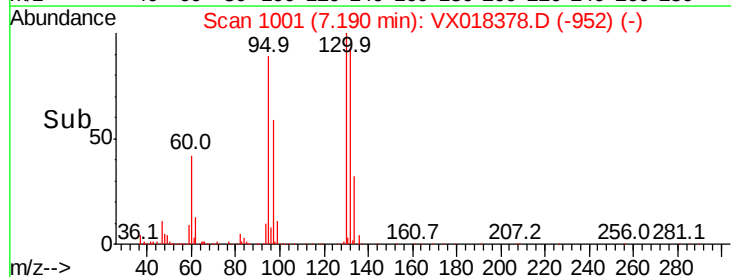
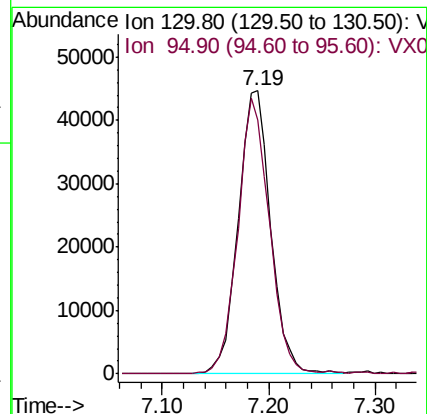
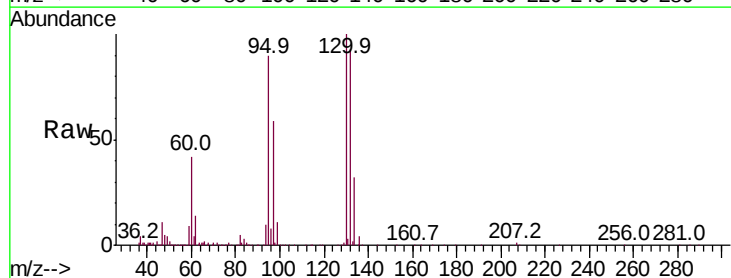
Tot Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.7	23.5
87	13.2	10.3	15.5

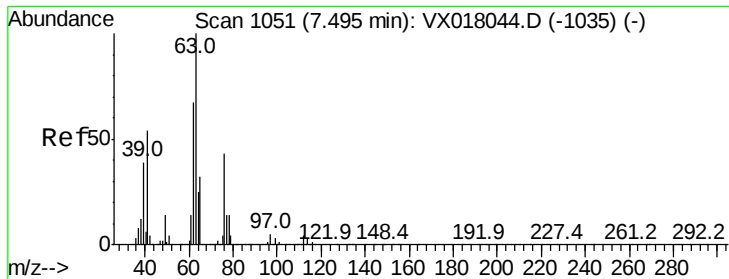


#44

Trichloroethene
 Concen: 17.722 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.7	0.0	196.4





#45

1,2-Dichloropropane

Concen: 16.835 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

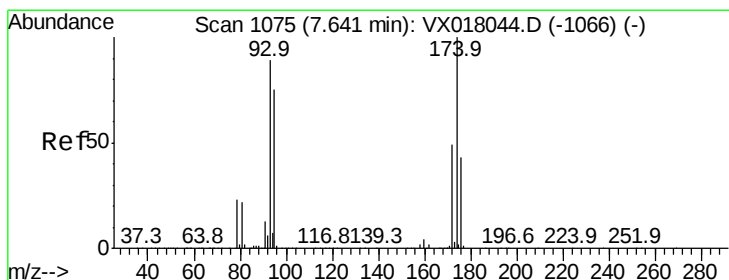
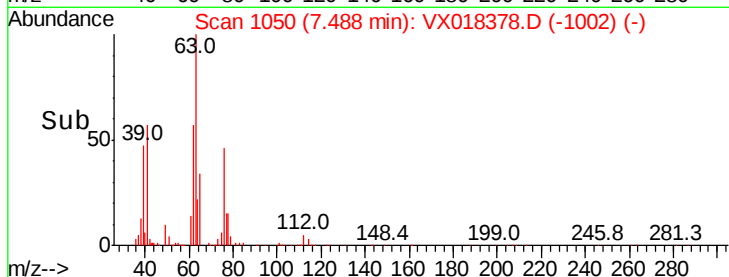
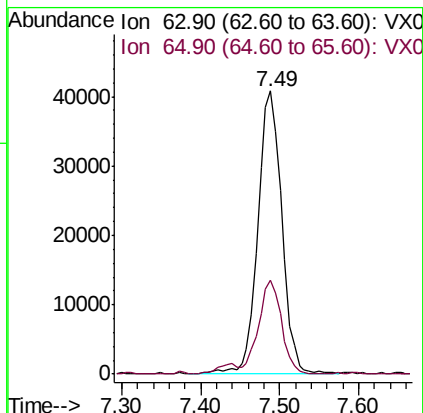
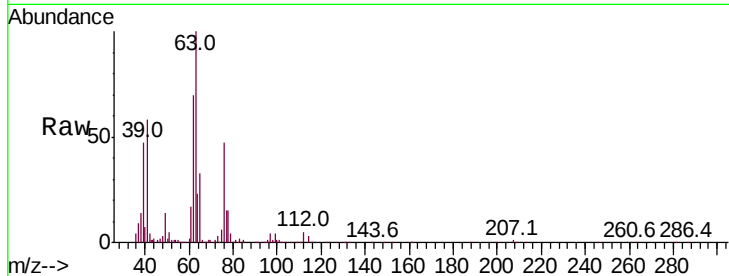
ClientSampleId :

Tot Ion: 63 Resp: 86771

Ion Ratio Lower Upper

63 100

65 33.0 25.7 38.5



#46

Dibromomethane

Concen: 17.018 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

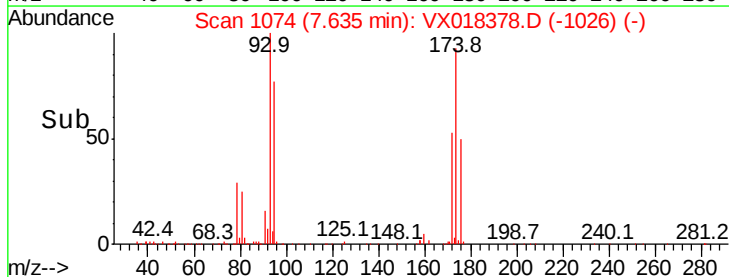
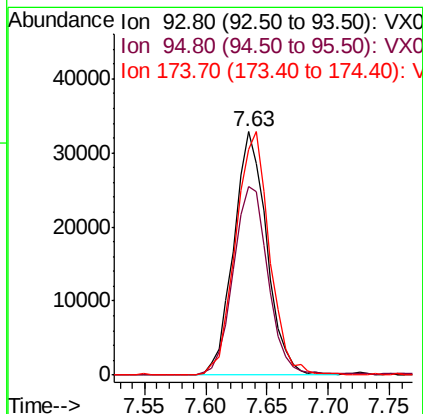
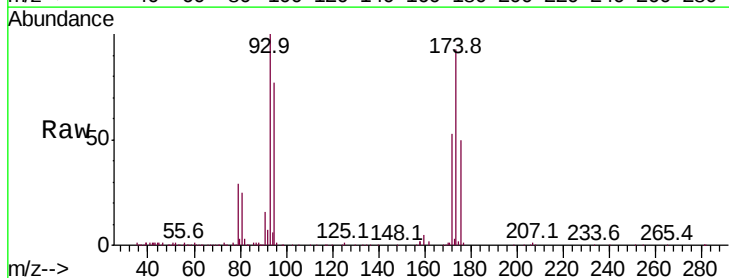
Tgt Ion: 93 Resp: 61684

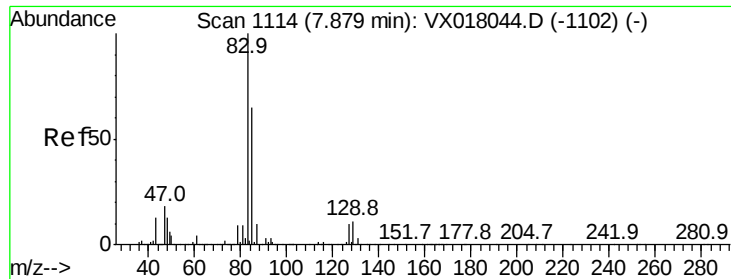
Ion Ratio Lower Upper

93 100

95 81.4 67.3 100.9

174 102.4 82.2 123.2





#47

Bromodichloromethane

Concen: 17.805 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

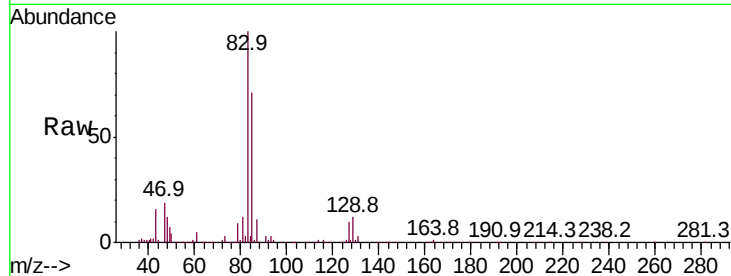
Tot Ion: 83 Resp: 128859

Ion Ratio Lower Upper

83 100

85 70.9 51.8 77.6

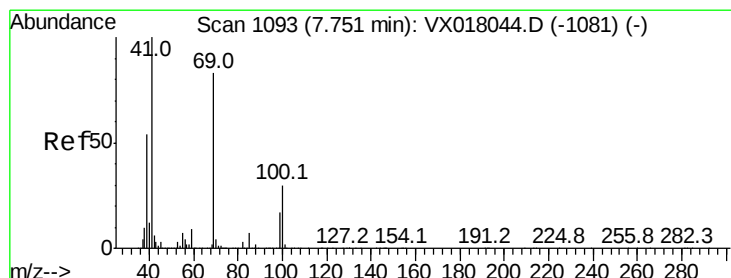
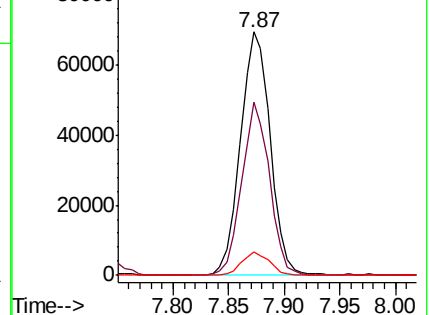
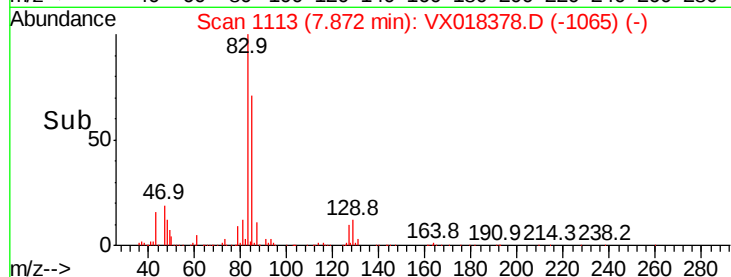
127 9.8 7.7 11.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 14.878 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

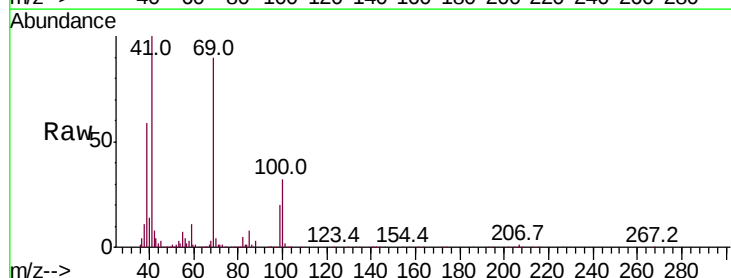
Tgt Ion: 41 Resp: 90429

Ion Ratio Lower Upper

41 100

69 83.8 65.5 98.3

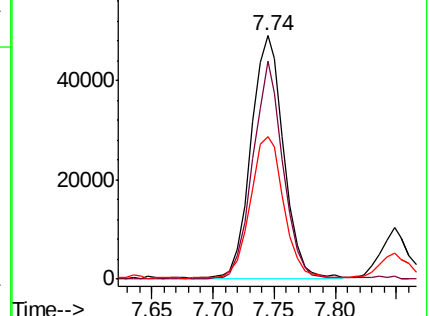
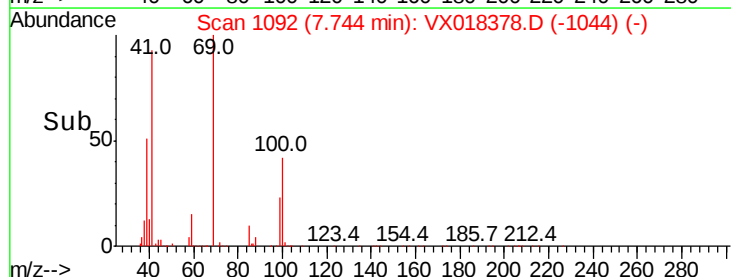
39 59.7 44.5 66.7

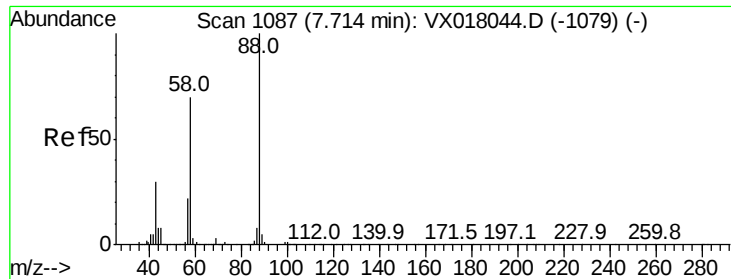


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

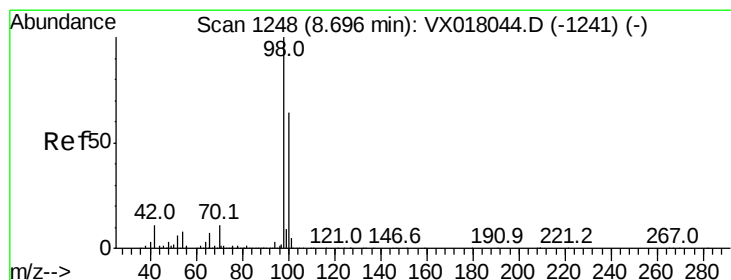
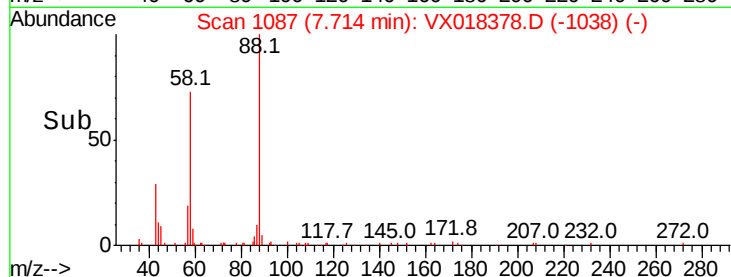
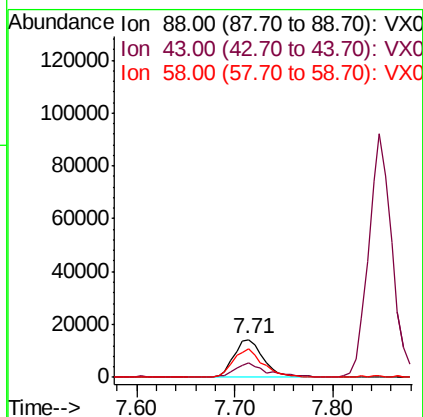
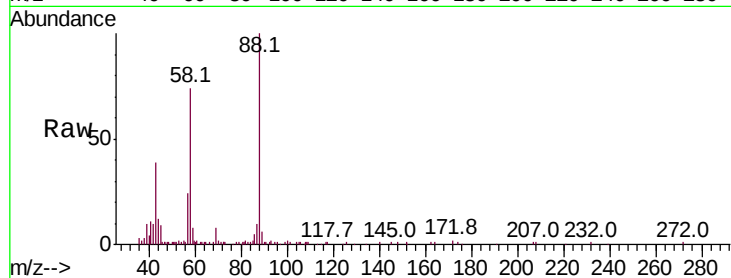




#49
1,4-Dioxane
Concen: 265.599 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

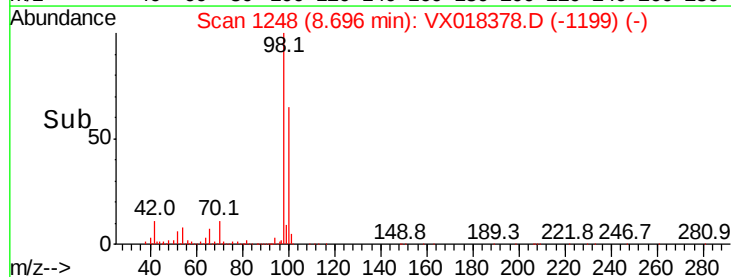
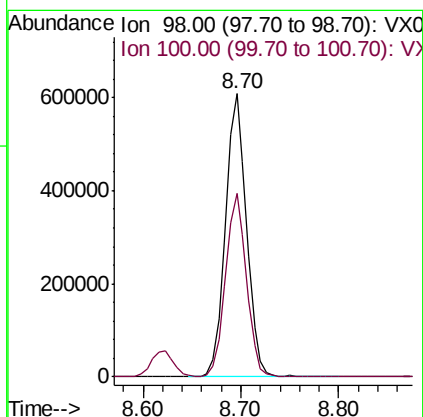
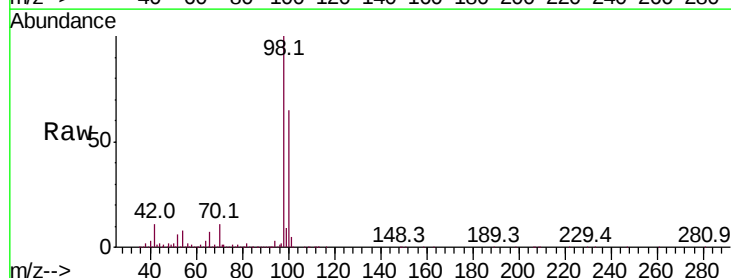
Instrument :
MSVOA_X
ClientSampleId :

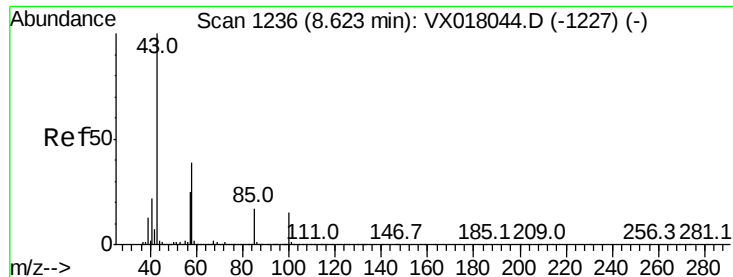
Tot Ion: 88 Resp: 29241
Ion Ratio Lower Upper
88 100
43 39.7 27.4 41.0
58 78.8 56.4 84.6



#50
Toluene-d8
Concen: 50.482 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion: 98 Resp: 903571
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 77.767 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

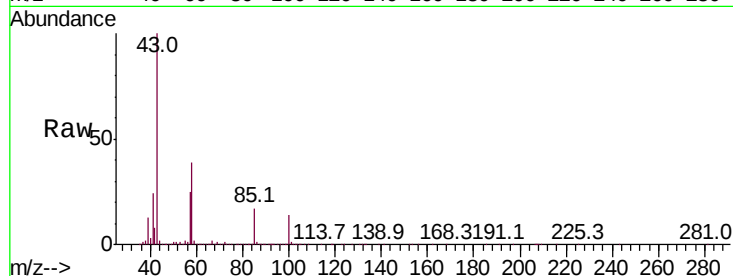
ClientSampleId :

Tot Ion: 43 Resp: 586495

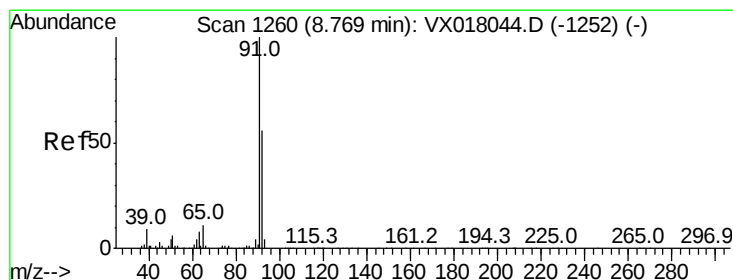
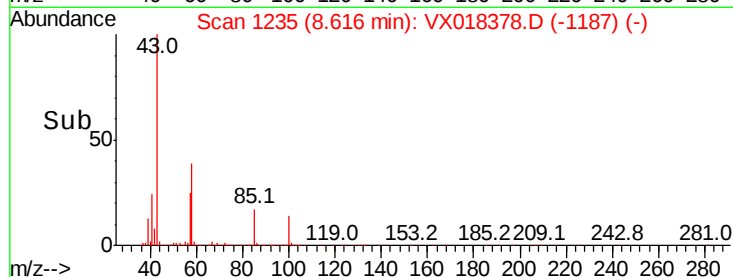
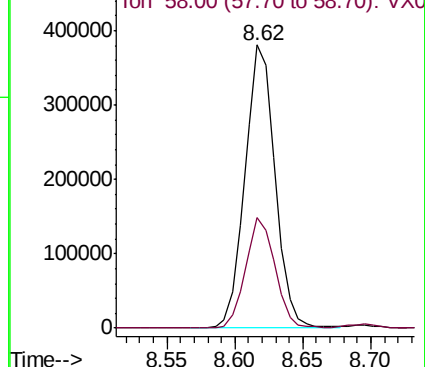
Ion Ratio Lower Upper

43 100

58 38.5 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VX0



#52

Toluene

Concen: 16.618 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018378.D

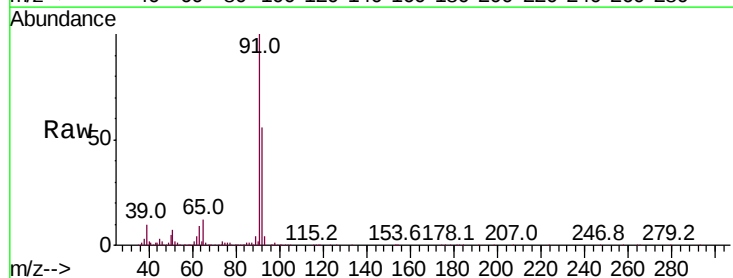
Acq: 14 Sep 2020 12:19

Tgt Ion: 92 Resp: 201514

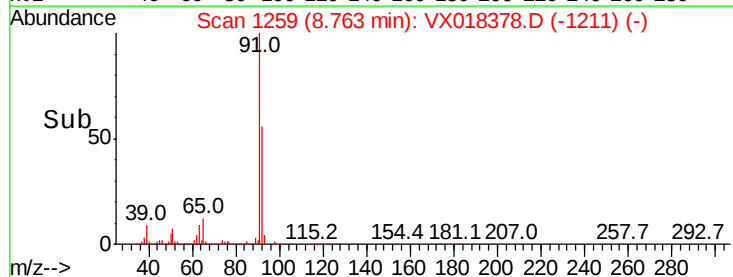
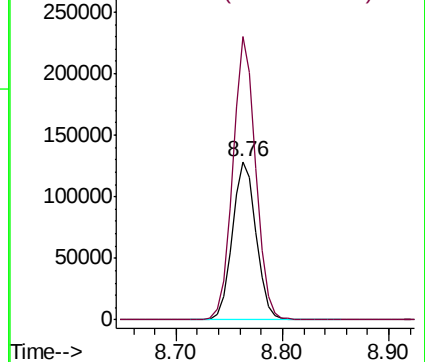
Ion Ratio Lower Upper

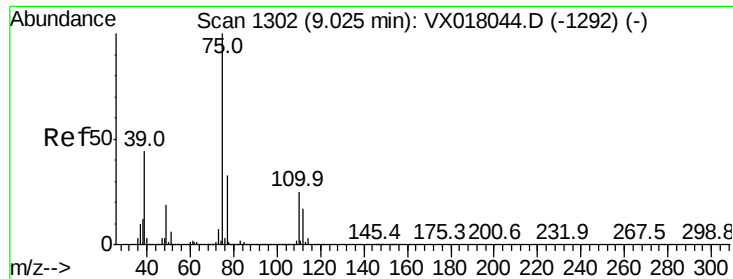
92 100

91 172.0 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0





#53

t-1,3-Dichloropropene

Concen: 16.926 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

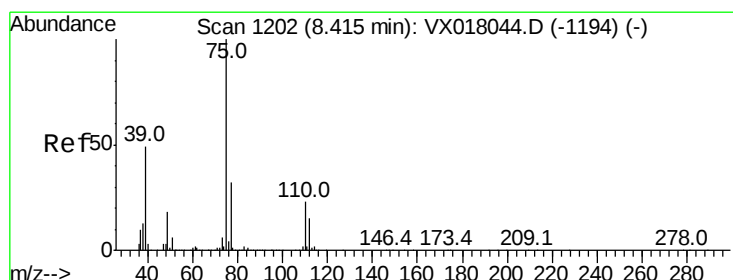
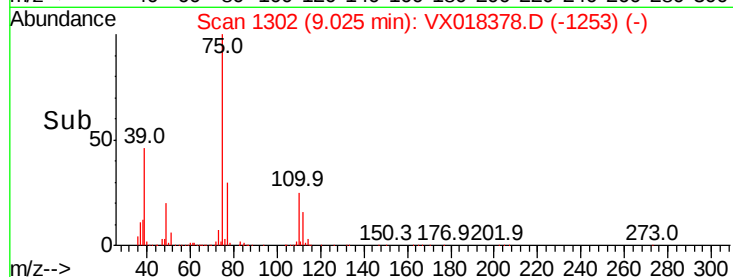
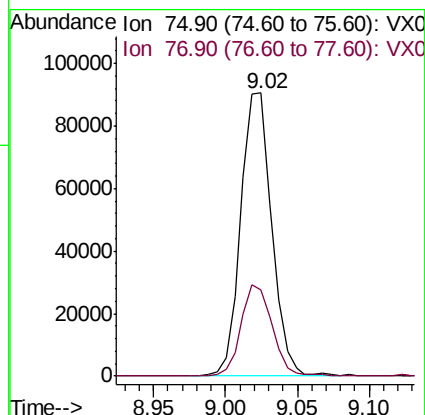
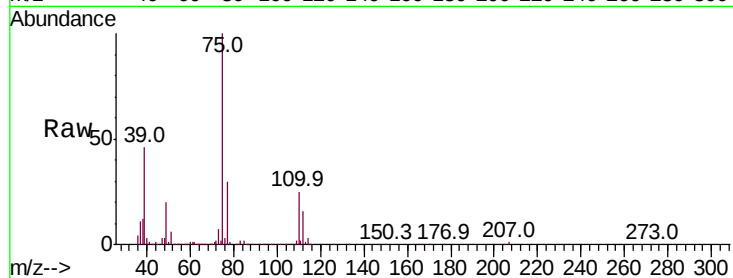
ClientSampled :

Tot Ion: 75 Resp: 135765

Ion Ratio Lower Upper

75 100

77 30.2 26.6 39.8



#54

cis-1,3-Dichloropropene

Concen: 17.240 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

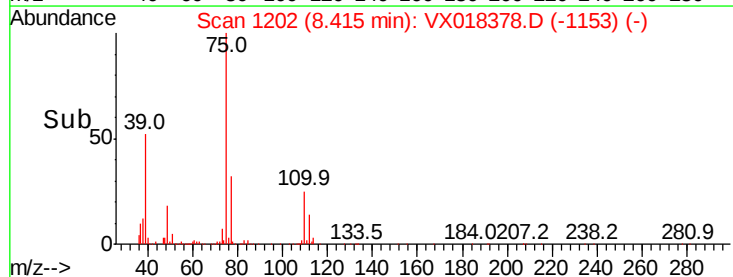
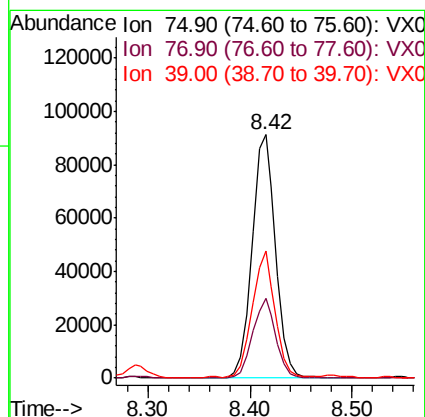
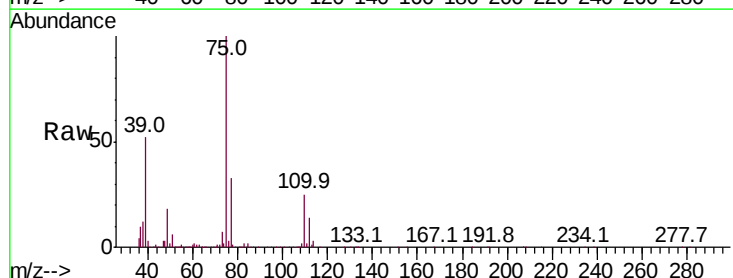
Tgt Ion: 75 Resp: 146487

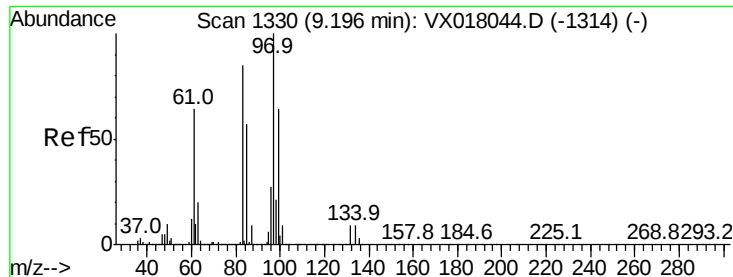
Ion Ratio Lower Upper

75 100

77 32.4 25.8 38.8

39 51.7 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 16.309 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 84346

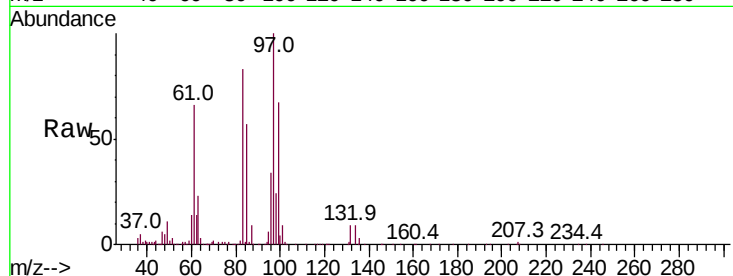
Ion Ratio Lower Upper

97 100

83 83.4 67.8 101.6

85 57.1 45.3 67.9

99 66.8 50.9 76.3

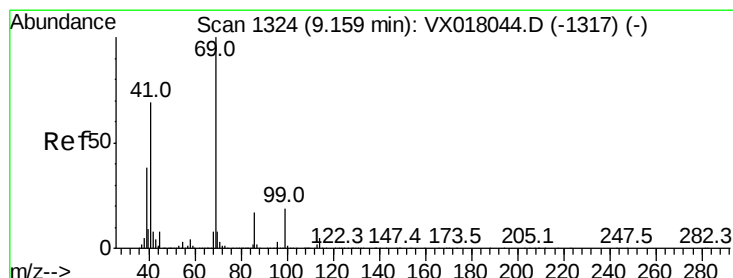
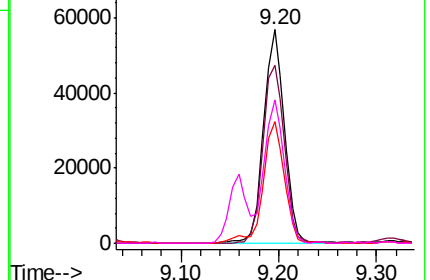
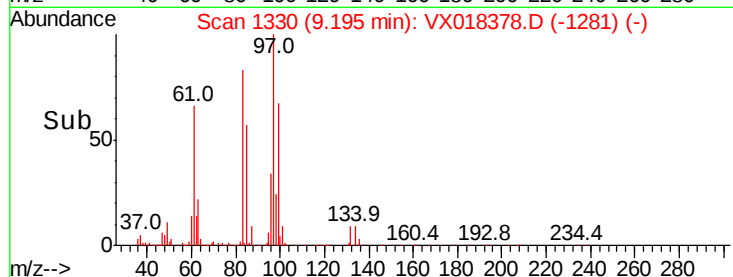


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 15.439 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

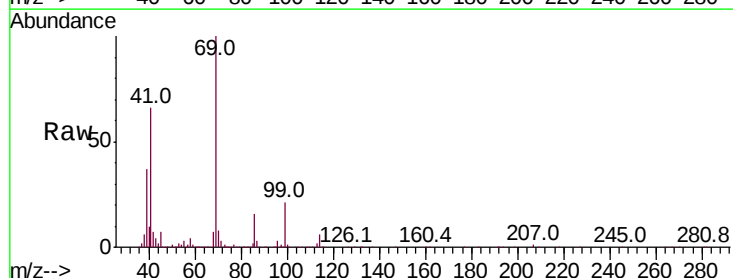
Tgt Ion: 69 Resp: 118700

Ion Ratio Lower Upper

69 100

41 67.4 54.6 81.8

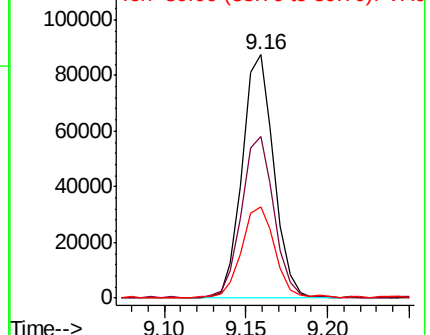
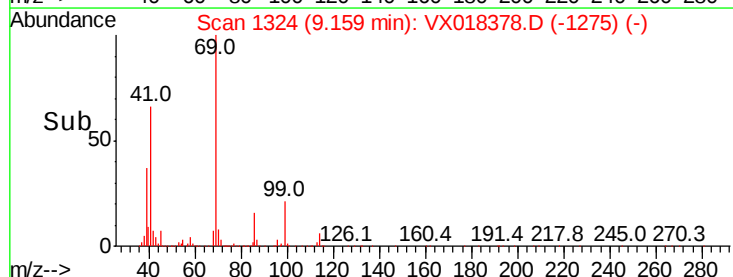
39 39.1 29.1 43.7

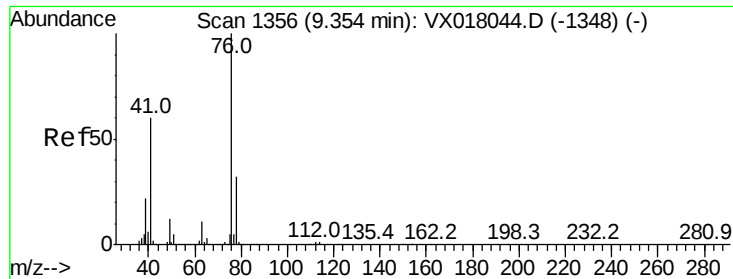


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 16.745 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

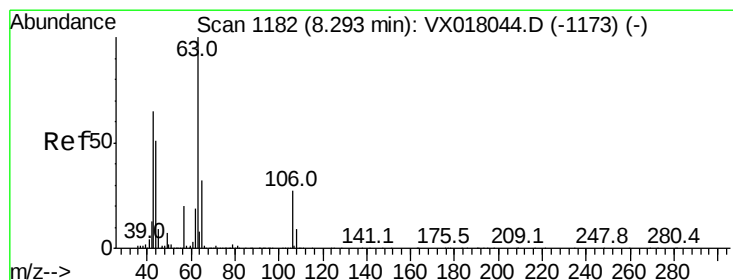
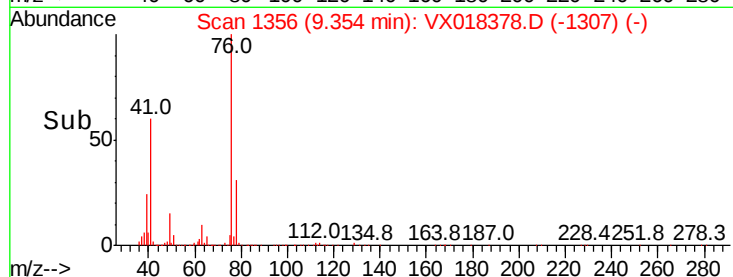
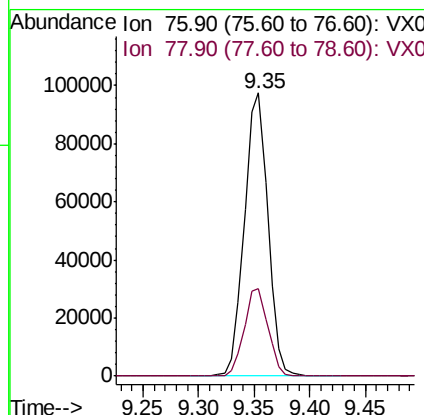
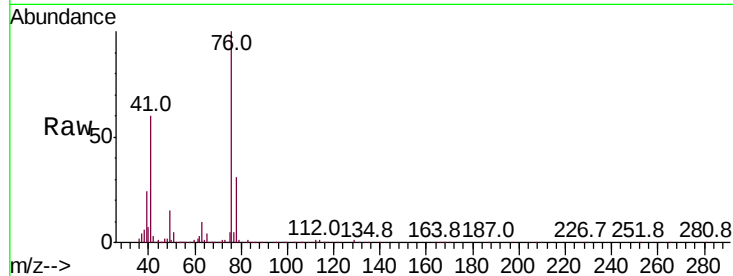
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 76 Resp: 142841

Ion Ratio Lower Upper

76 100

78 31.4 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 86.554 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018378.D

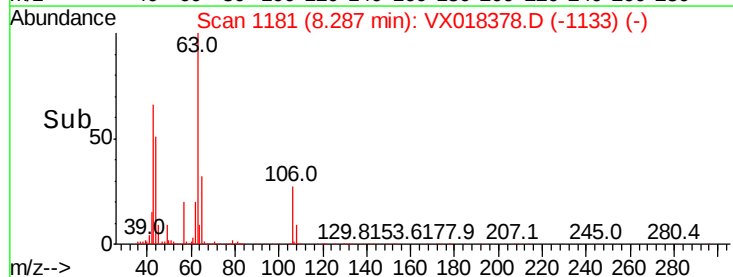
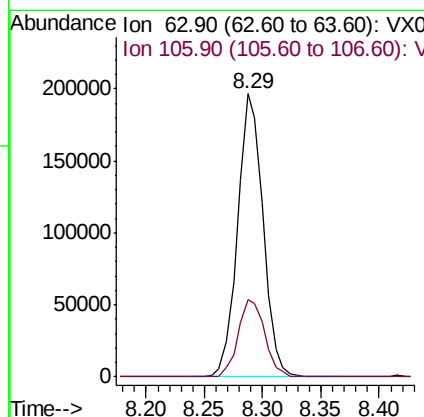
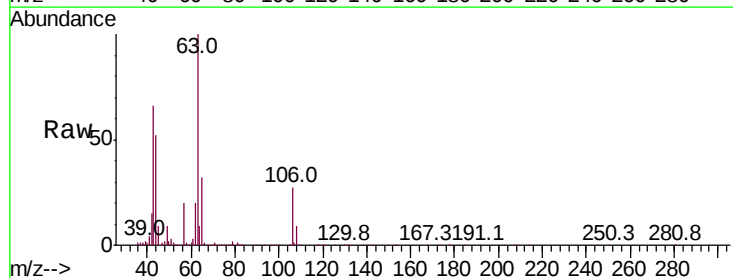
Acq: 14 Sep 2020 12:19

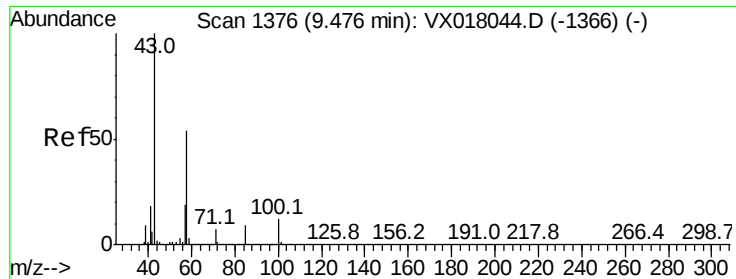
Tgt Ion: 63 Resp: 299360

Ion Ratio Lower Upper

63 100

106 28.9 22.1 33.1

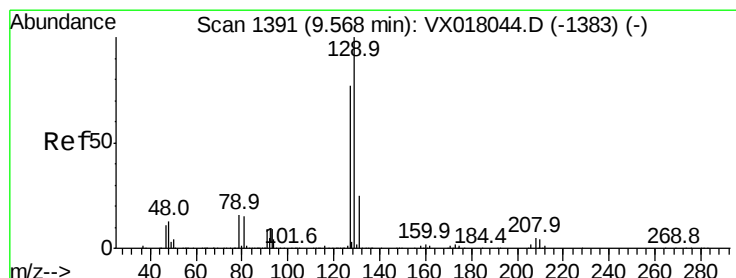
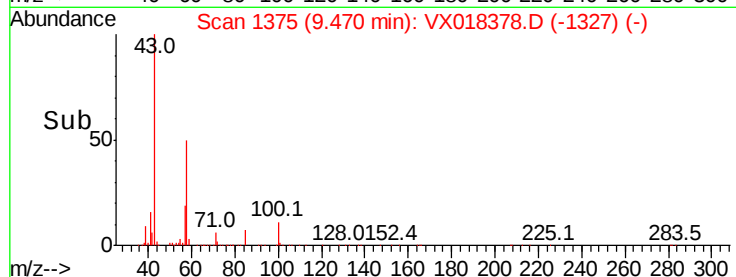
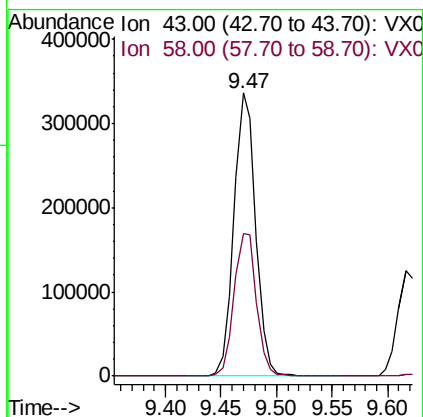
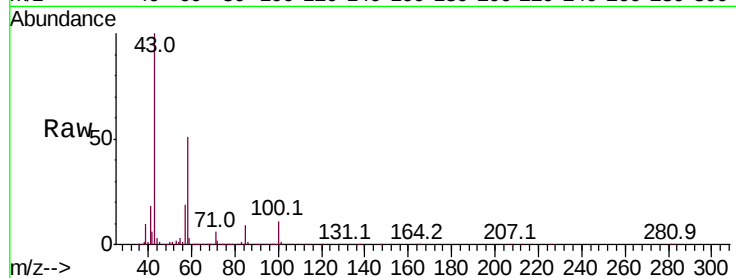




#59
2-Hexanone
Concen: 79.302 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

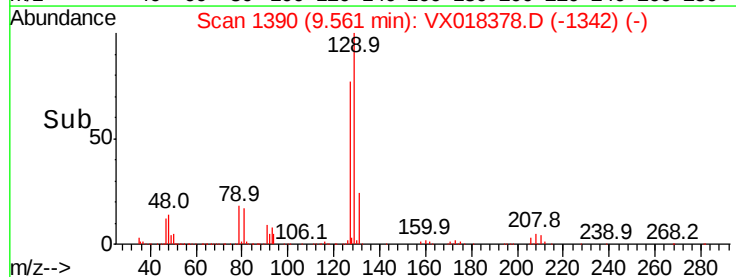
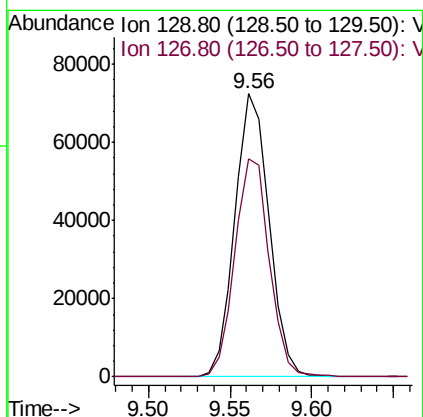
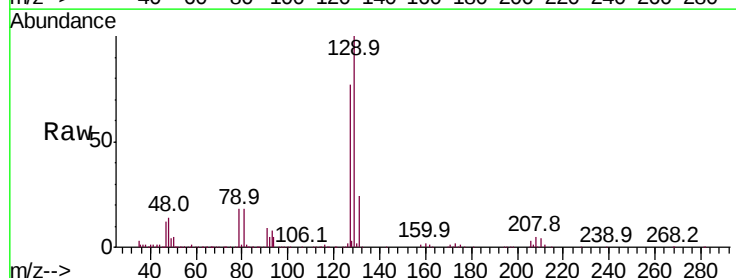
Instrument :
MSVOA_X
ClientSampleId :

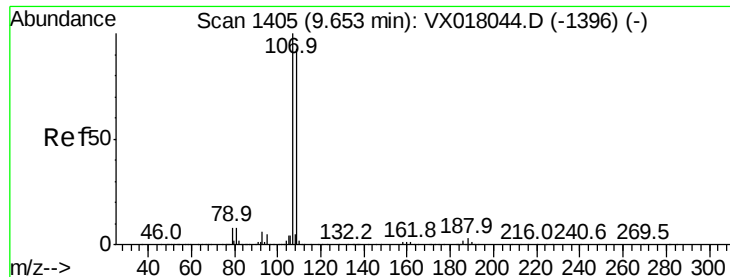
Tot Ion: 43 Resp: 454769
Ion Ratio Lower Upper
43 100
58 51.9 26.6 79.7



#60
Dibromochloromethane
Concen: 17.485 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion: 129 Resp: 106080
Ion Ratio Lower Upper
129 100
127 78.0 38.9 116.6

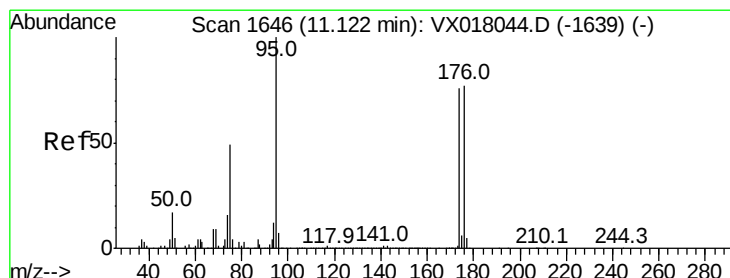
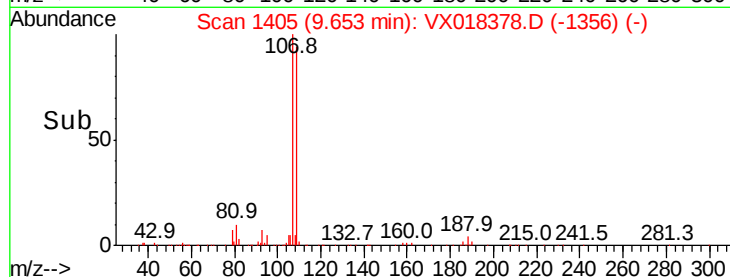
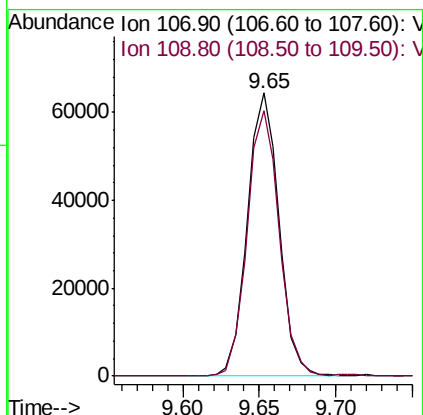
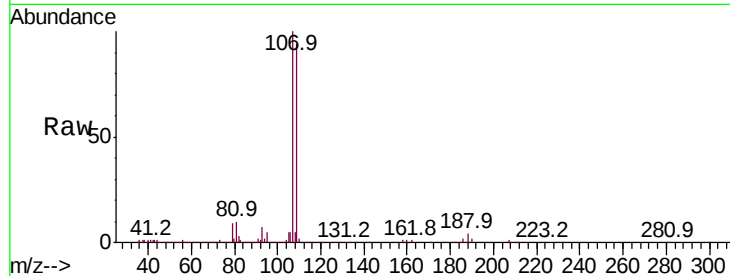




#61
 1,2-Dibromoethane
 Concen: 16.386 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

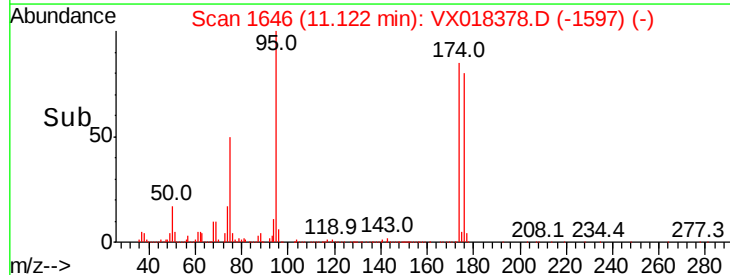
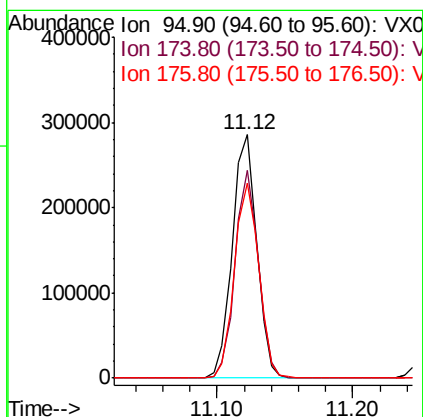
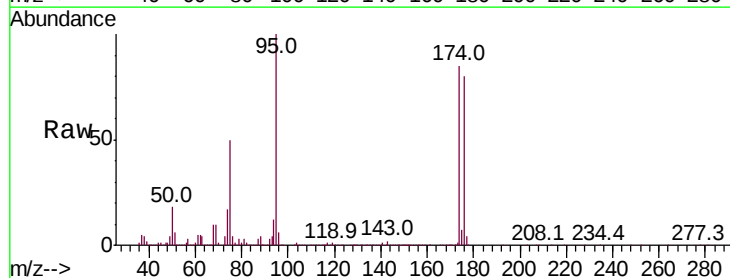
Instrument :
 MSVOA_X
 ClientSampleId :

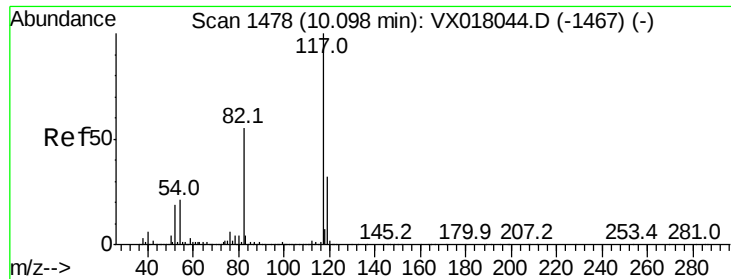
Tot Ion:107 Resp: 92006
 Ion Ratio Lower Upper
 107 100
 109 95.0 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 50.789 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Tgt Ion: 95 Resp: 357664
 Ion Ratio Lower Upper
 95 100
 174 81.2 0.0 160.2
 176 79.9 0.0 155.8

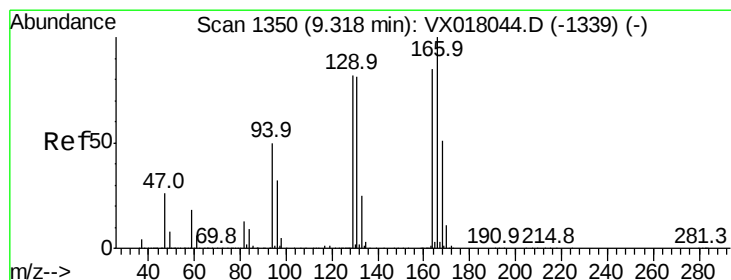
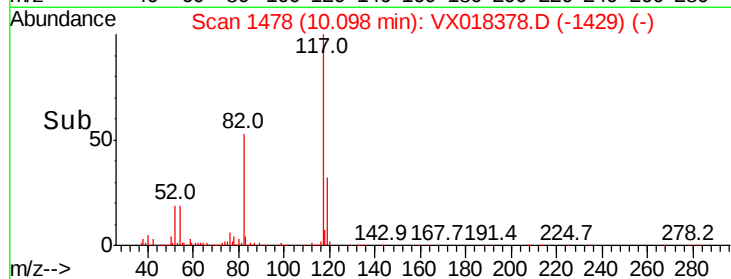
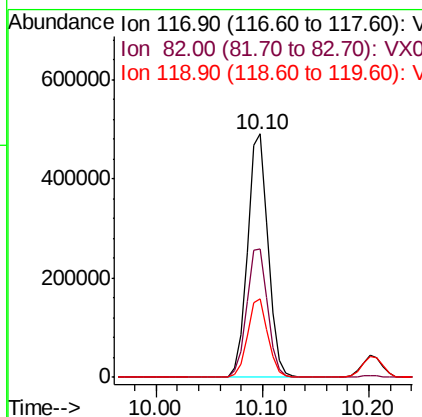
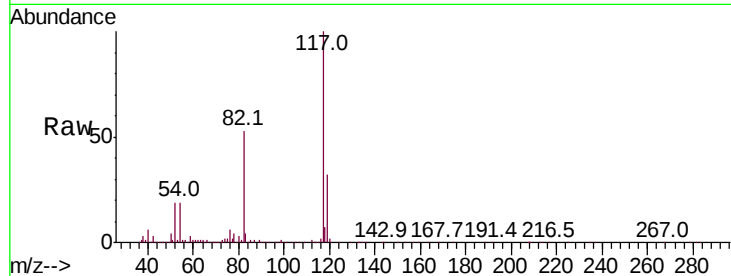




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

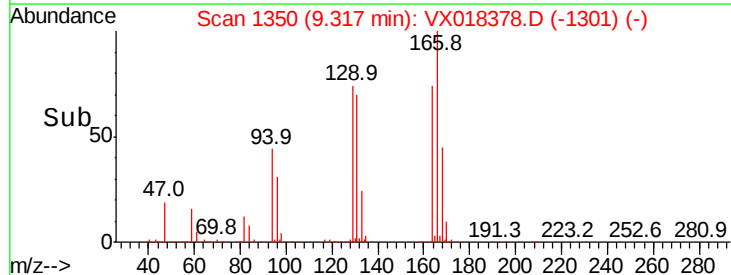
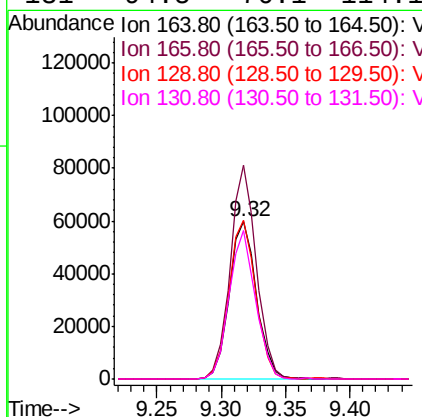
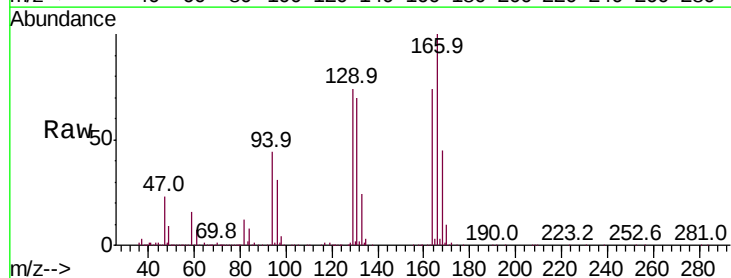
Instrument :
MSVOA_X
ClientSampleId :

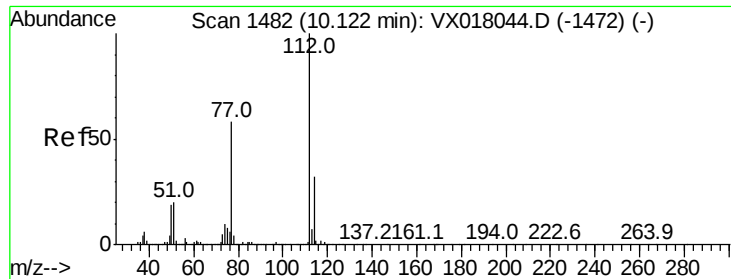
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.7	44.2	66.2
119	32.0	25.7	38.5



#64
Tetrachloroethene
Concen: 18.167 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
164	100		
166	135.6	94.2	141.2
129	100.9	76.9	115.3
131	94.5	76.1	114.1

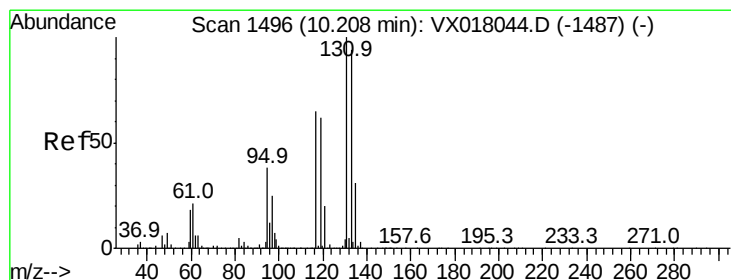
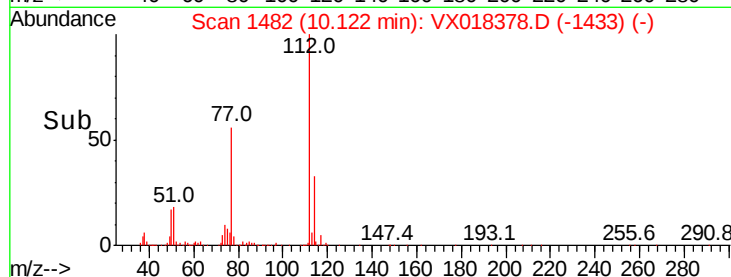
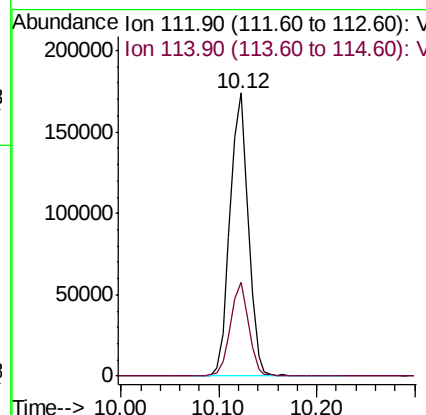
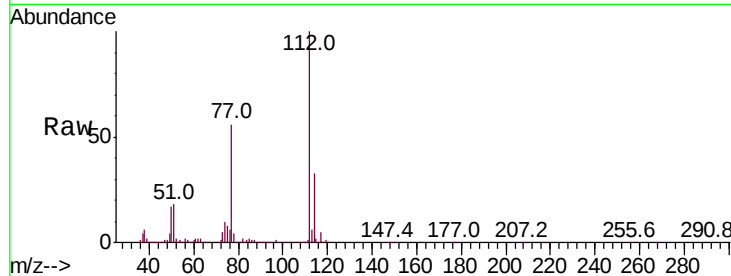




#65
Chlorobenzene
Concen: 17.296 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

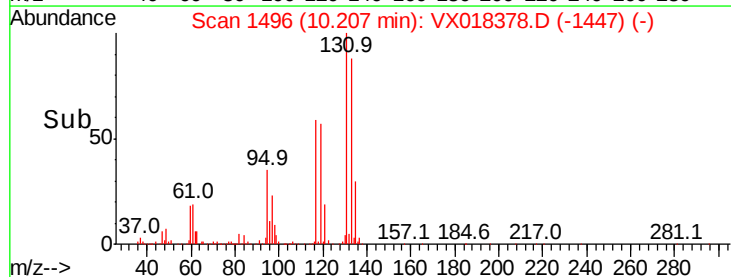
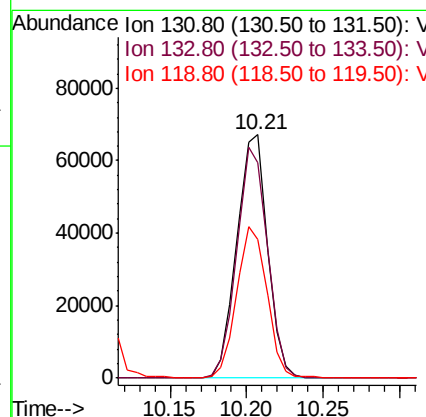
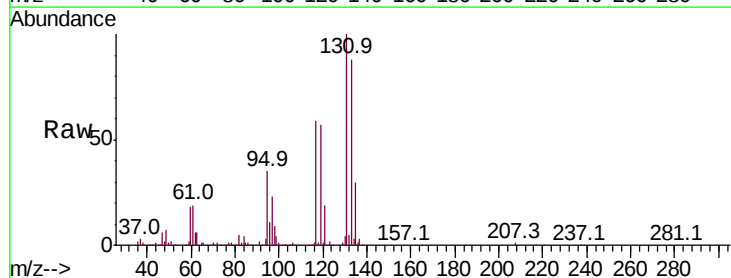
Instrument :
MSVOA_X
ClientSampleId :

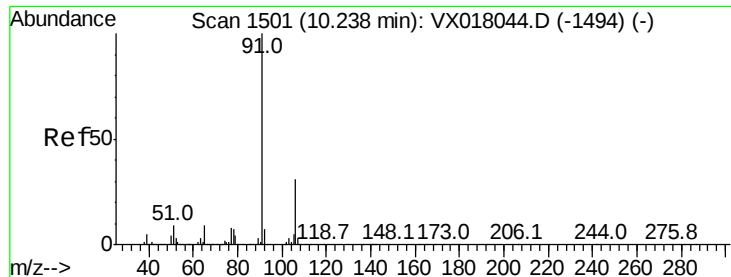
Tot Ion:112 Resp: 228318
Ion Ratio Lower Upper
112 100
114 33.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 18.018 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion:131 Resp: 93742
Ion Ratio Lower Upper
131 100
133 94.8 46.7 140.1
119 61.6 31.8 95.4





#67

Ethyl Benzene

Concen: 17.306 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

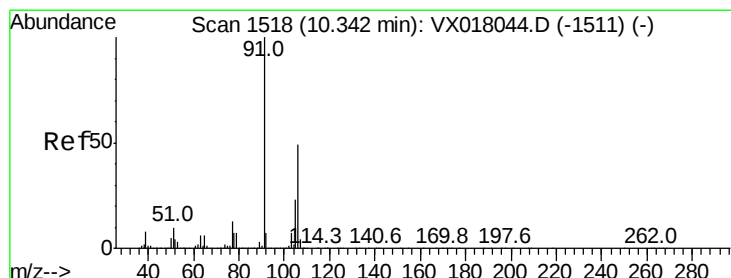
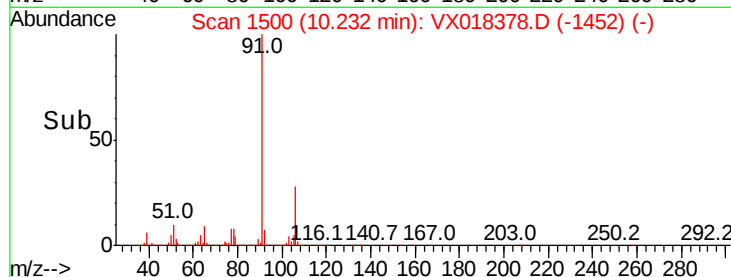
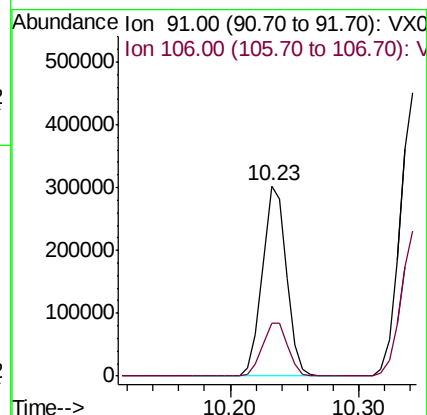
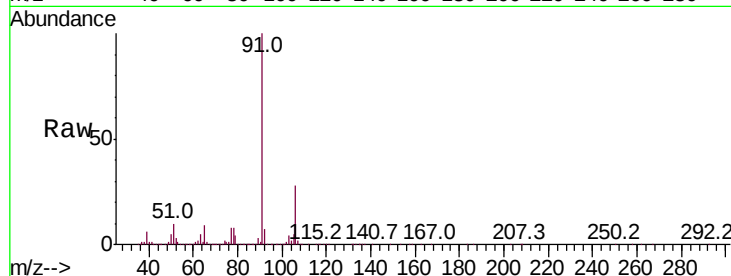
ClientSampleId :

Tot Ion: 91 Resp: 388493

Ion Ratio Lower Upper

91 100

106 28.1 24.9 37.3



#68

m/p-Xylenes

Concen: 35.445 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018378.D

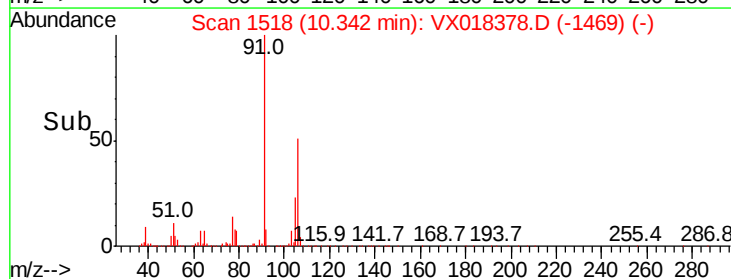
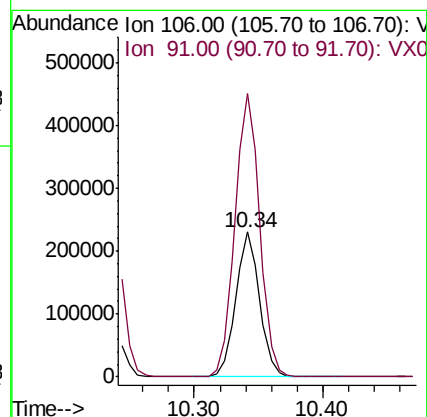
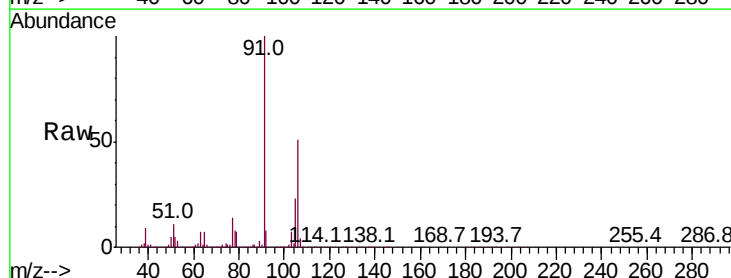
Acq: 14 Sep 2020 12:19

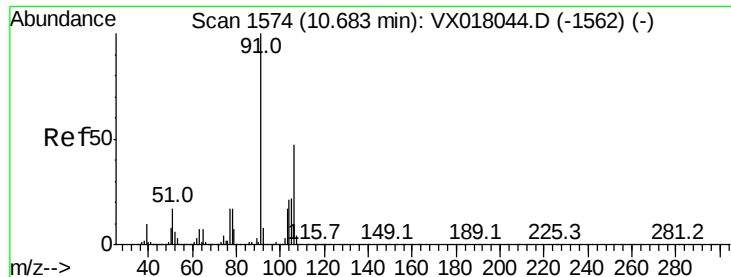
Tgt Ion: 106 Resp: 296991

Ion Ratio Lower Upper

106 100

91 203.2 162.2 243.2

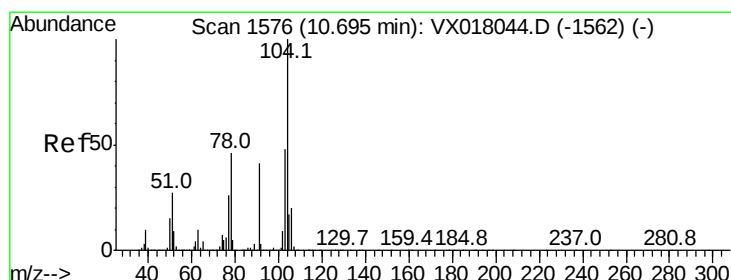
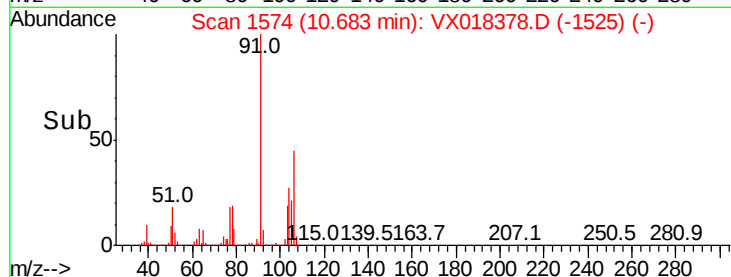
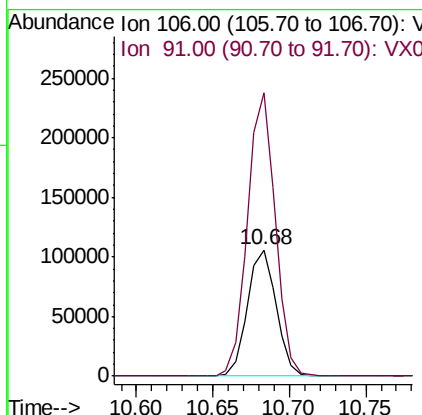
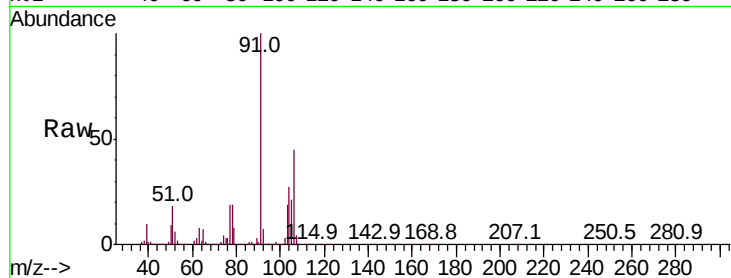




#69
o-Xylene
Concen: 17.111 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

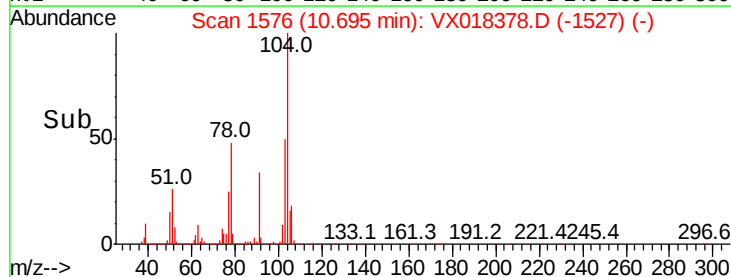
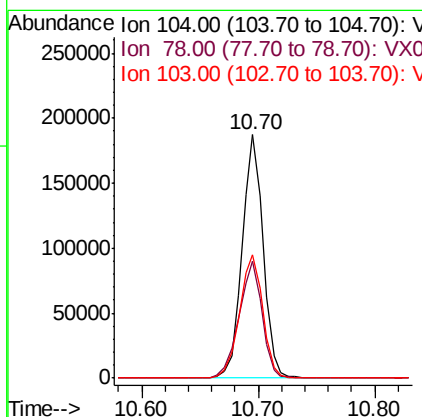
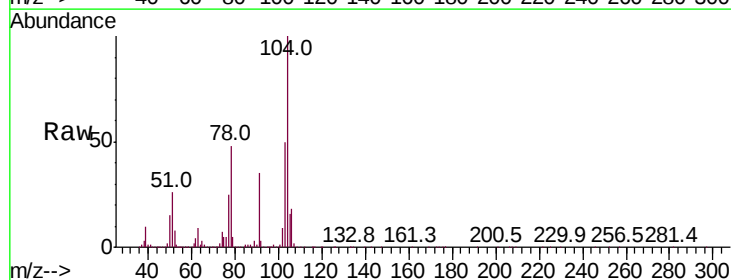
Instrument :
MSVOA_X
ClientSampled :

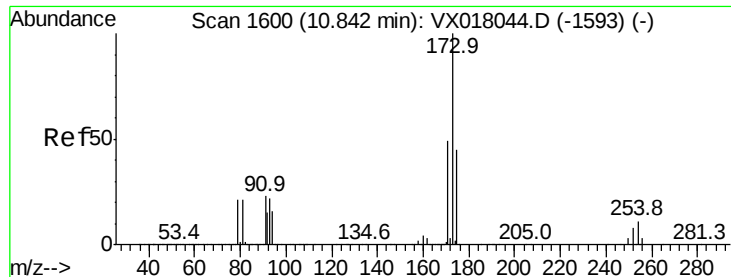
Tot Ion:106 Resp: 138984
Ion Ratio Lower Upper
106 100
91 216.4 107.1 321.3



#70
Styrene
Concen: 16.990 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion:104 Resp: 235008
Ion Ratio Lower Upper
104 100
78 53.2 40.9 61.3
103 56.2 43.6 65.4





#71

Bromoform

Concen: 17.554 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

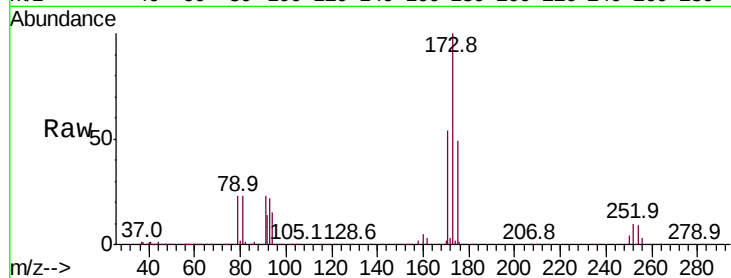
Tot Ion:173 Resp: 77901

Ion Ratio Lower Upper

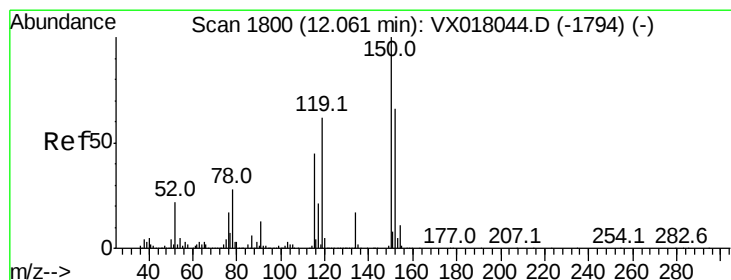
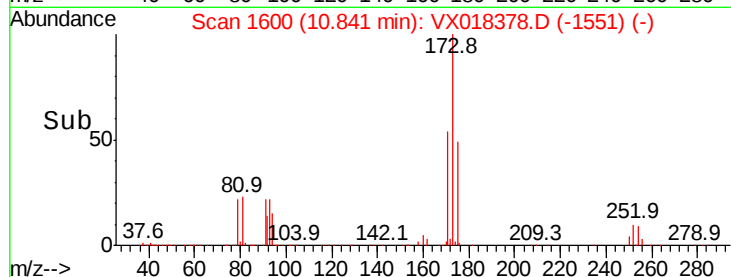
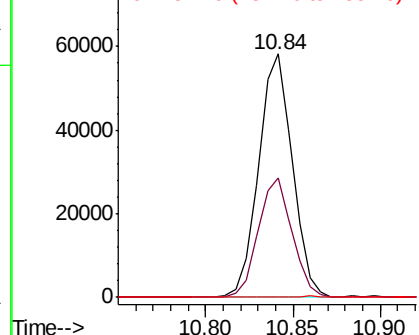
173 100

175 49.4 23.9 71.8

254 0.1 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: VX018378.D

Acq: 14 Sep 2020 12:19

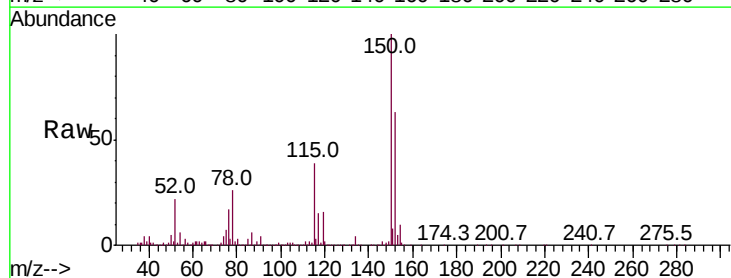
Tgt Ion:152 Resp: 355039

Ion Ratio Lower Upper

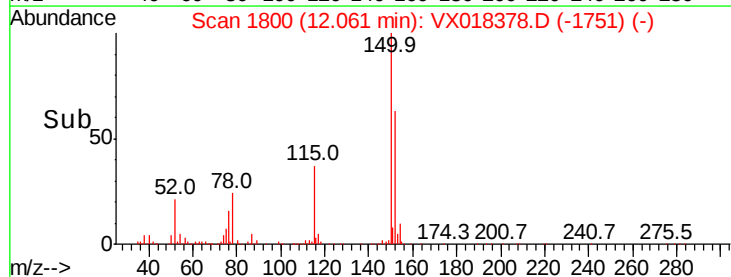
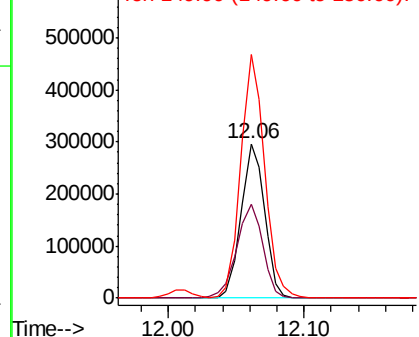
152 100

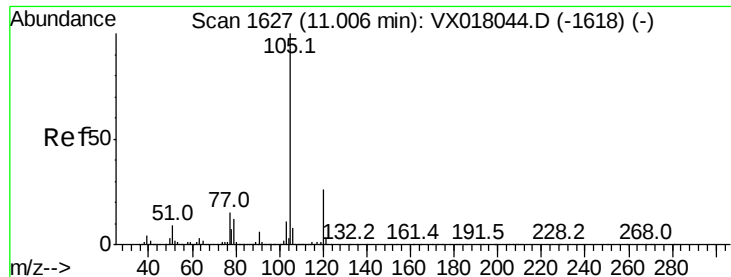
115 67.6 41.5 124.5

150 160.4 0.0 343.8



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: 16.795 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

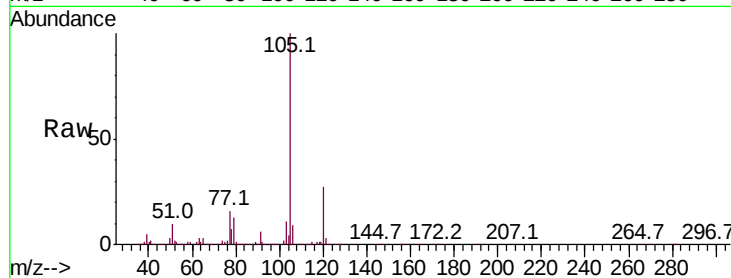
ClientSampleId :

Tot Ion:105 Resp: 393325

Ion Ratio Lower Upper

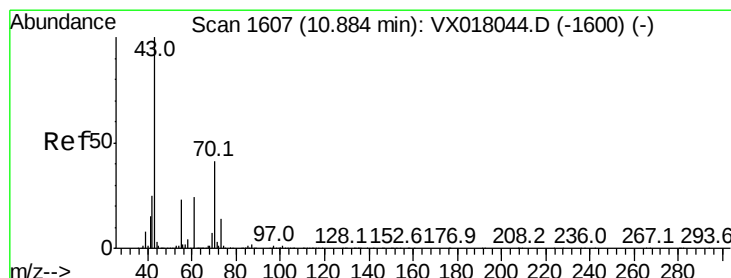
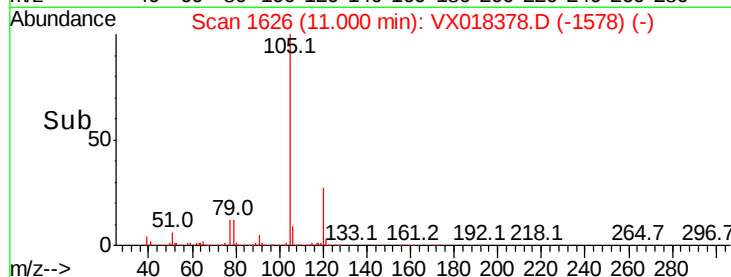
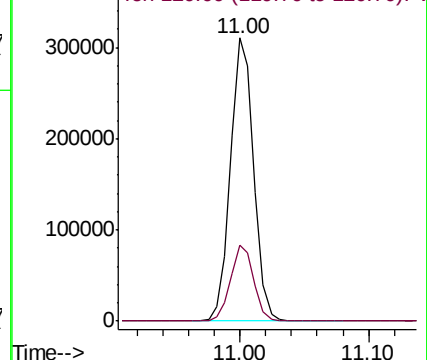
105 100

120 26.7 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 14.281 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Tgt Ion: 43 Resp: 158683

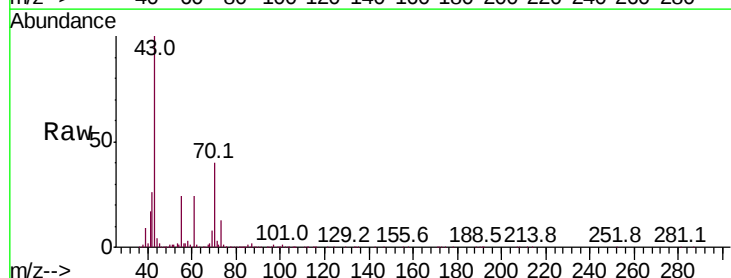
Ion Ratio Lower Upper

43 100

70 39.9 32.3 48.5

55 25.0 18.2 27.2

61 23.6 18.9 28.3

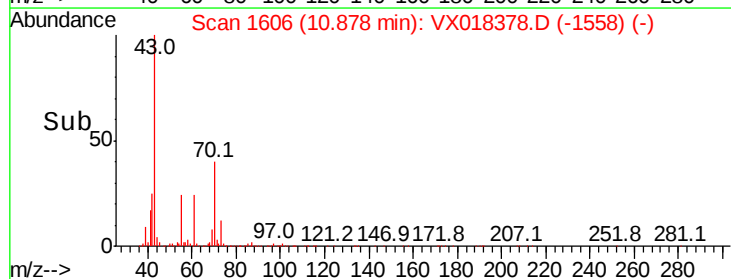
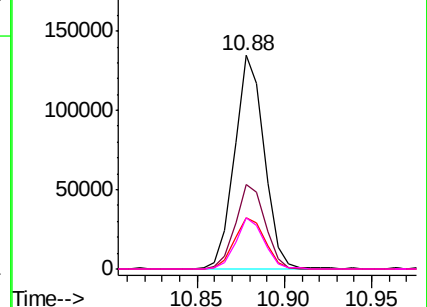


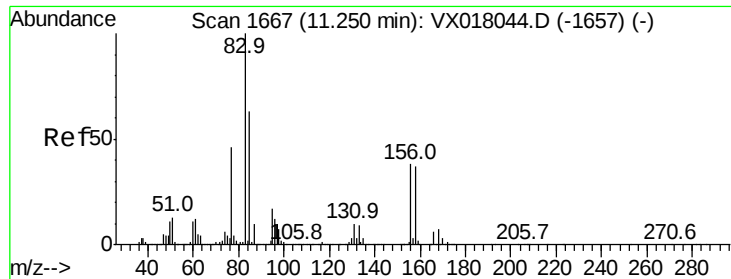
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 15.755 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampled :

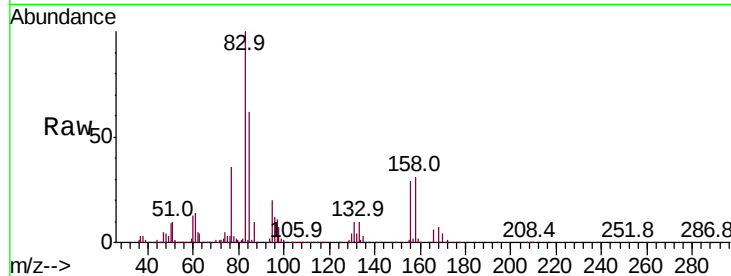
Tot Ion: 83 Resp: 130160

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.4

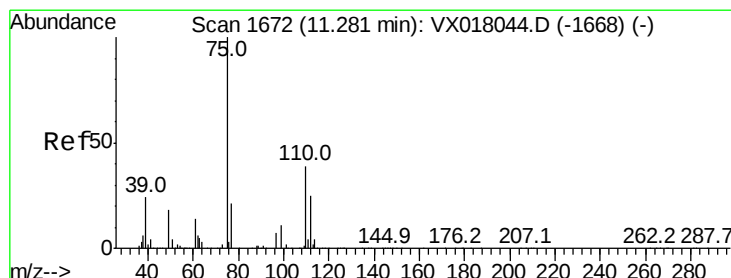
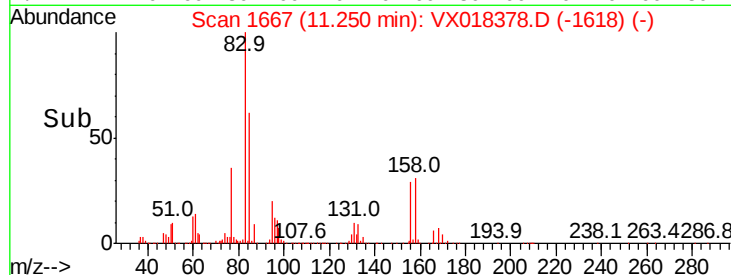
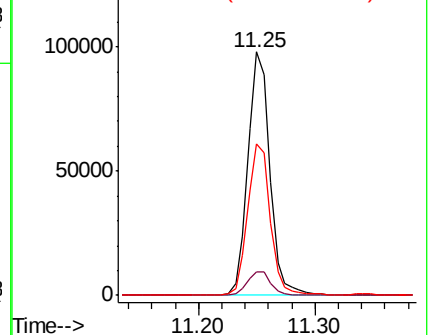
85 63.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 19.437 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018378.D

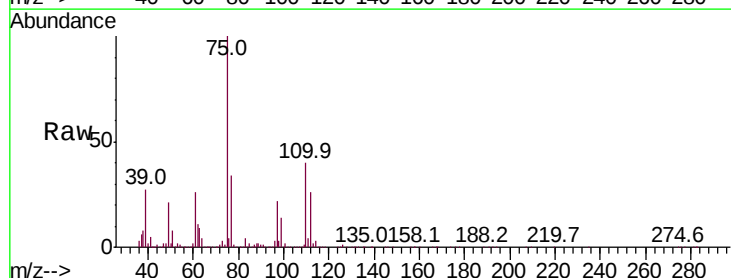
Acq: 14 Sep 2020 12:19

Tgt Ion: 75 Resp: 153512

Ion Ratio Lower Upper

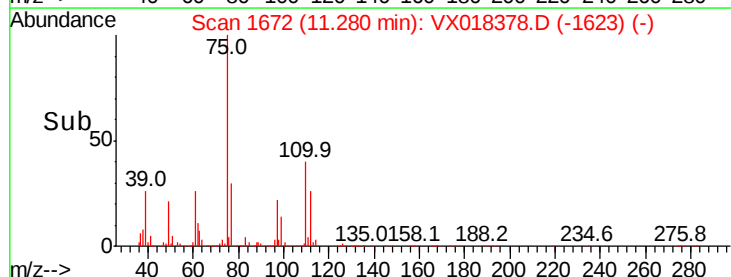
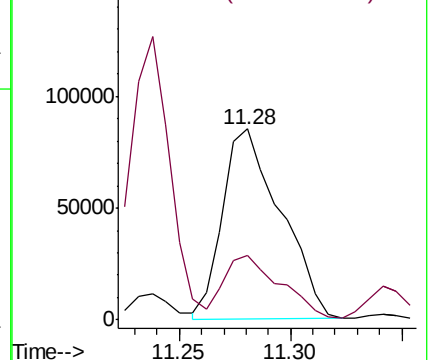
75 100

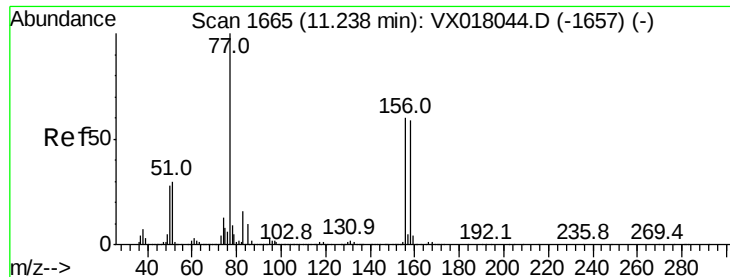
77 33.3 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.417 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

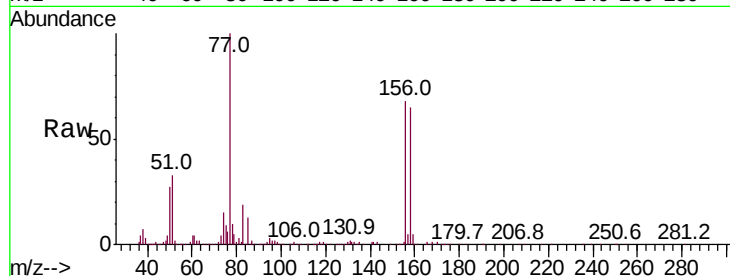
Tot Ion:156 Resp: 106271

Ion Ratio Lower Upper

156 100

77 150.7 80.0 240.2

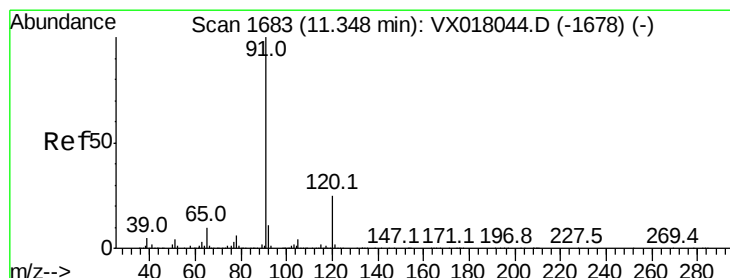
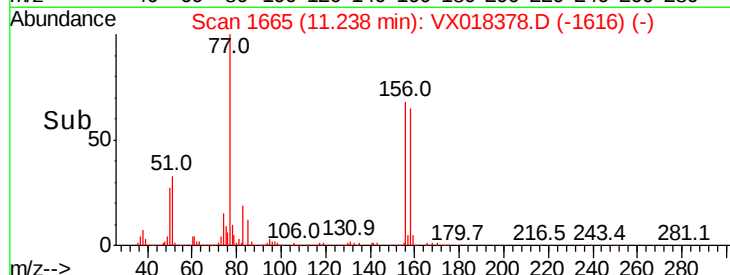
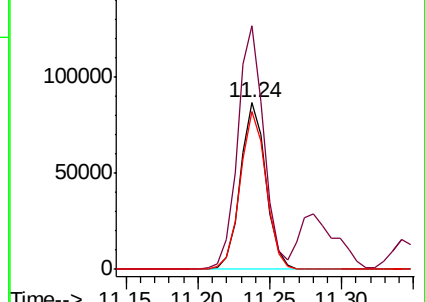
158 96.4 49.5 148.7



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: 16.680 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018378.D

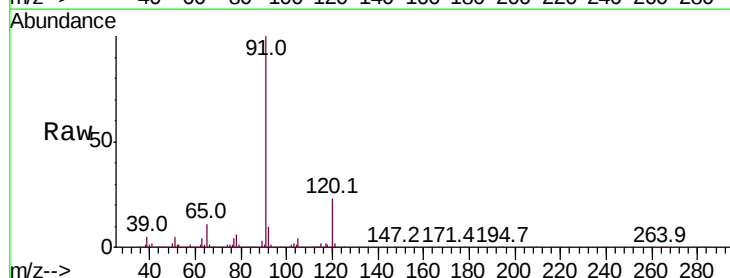
Acq: 14 Sep 2020 12:19

Tgt Ion: 91 Resp: 443529

Ion Ratio Lower Upper

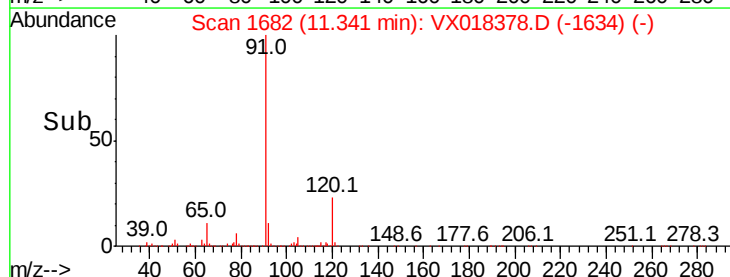
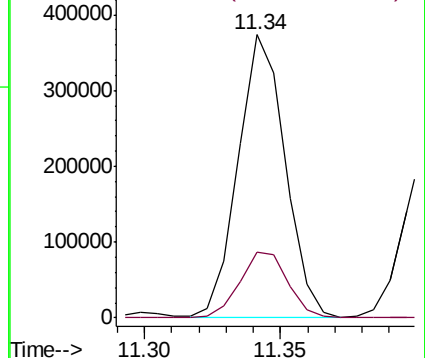
91 100

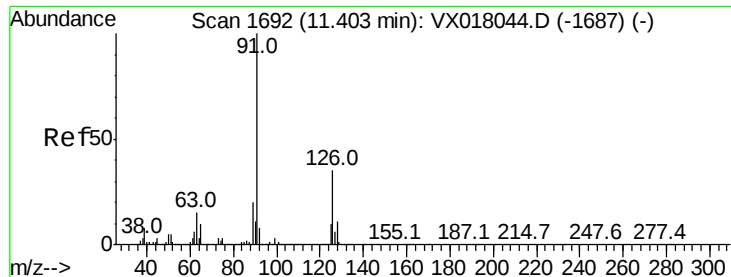
120 24.3 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 16.610 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

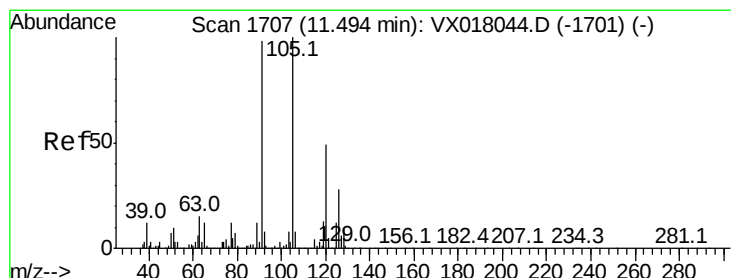
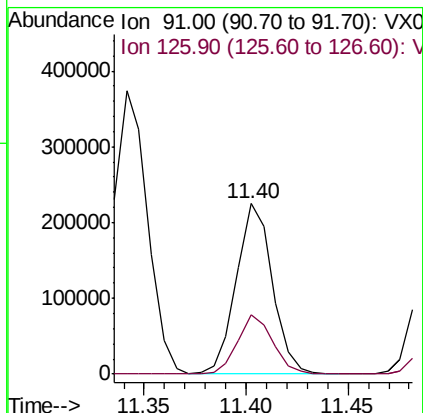
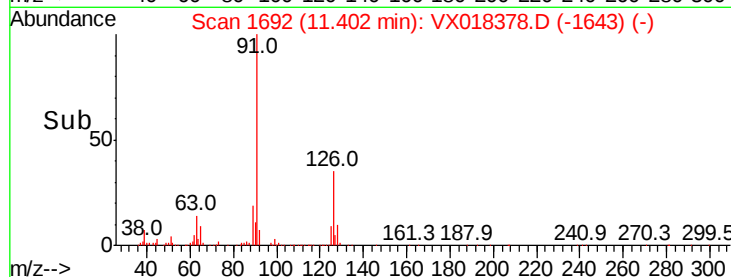
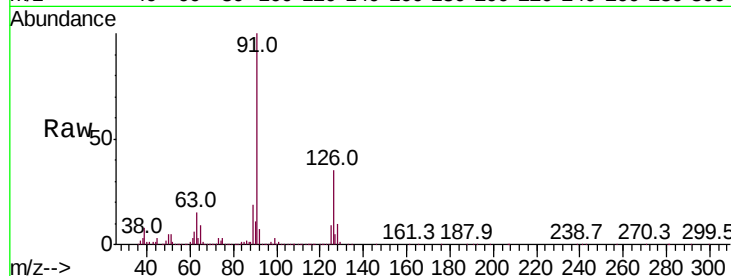
ClientSampleId :

Tot Ion: 91 Resp: 272876

Ion Ratio Lower Upper

91 100

126 34.7 17.4 52.2



#80

1,3,5-Trimethylbenzene

Concen: 17.413 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018378.D

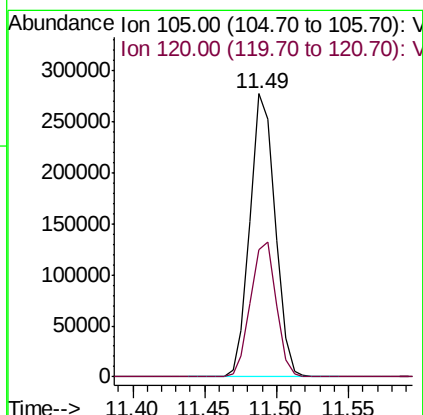
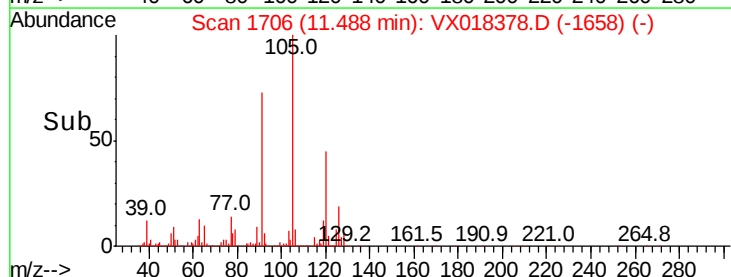
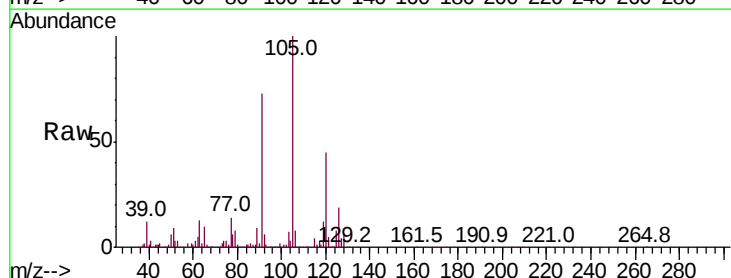
Acq: 14 Sep 2020 12:19

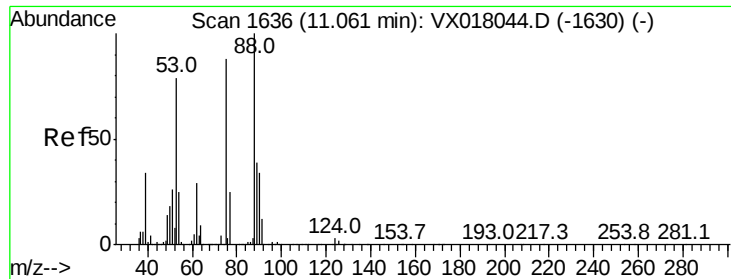
Tgt Ion:105 Resp: 335103

Ion Ratio Lower Upper

105 100

120 48.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 15.368 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

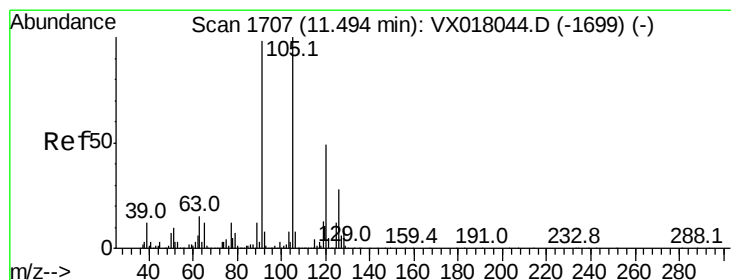
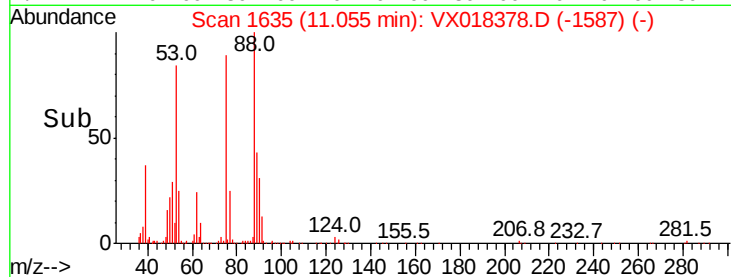
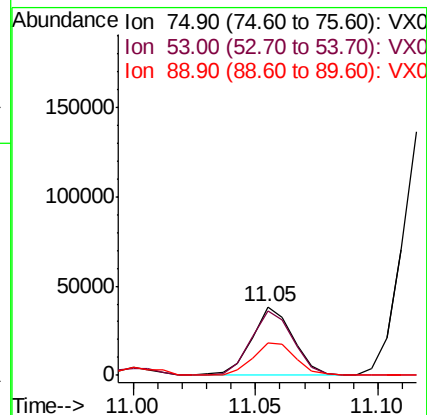
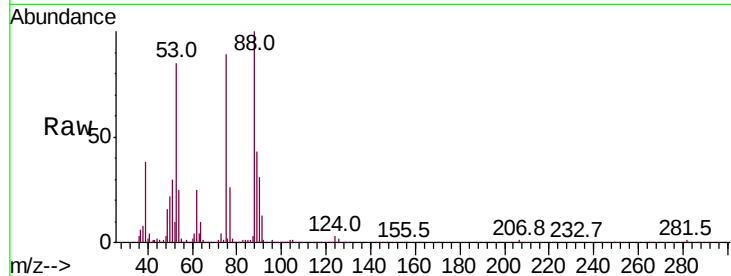
Tot Ion: 75 Resp: 44939

Ion Ratio Lower Upper

75 100

53 95.6 74.7 112.1

89 51.5 36.6 54.8



#82

4-Chlorotoluene

Concen: 16.508 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018378.D

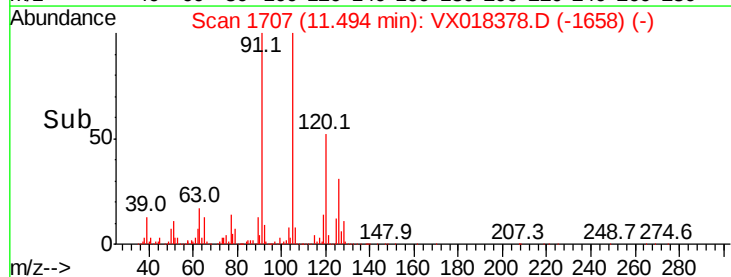
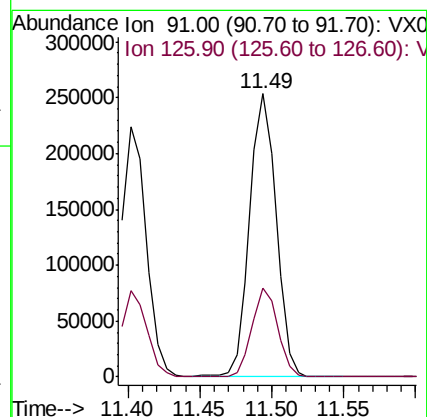
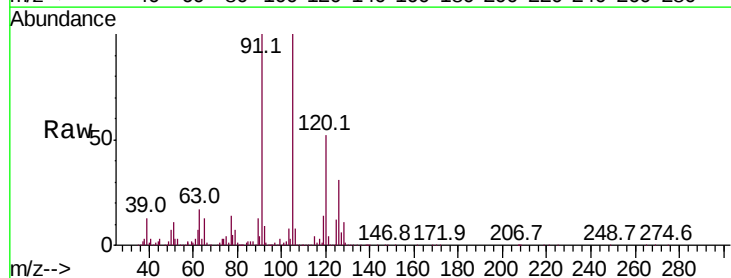
Acq: 14 Sep 2020 12:19

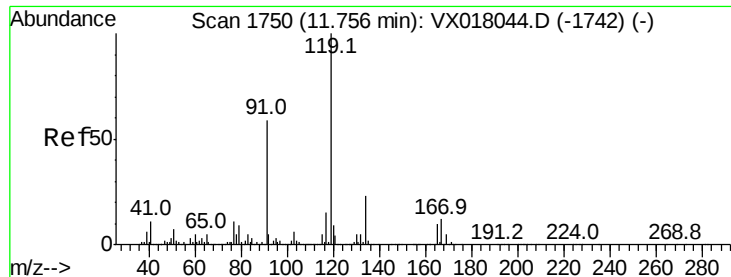
Tgt Ion: 91 Resp: 322402

Ion Ratio Lower Upper

91 100

126 30.5 15.1 45.3





#83

tert-Butylbenzene

Concen: 17.114 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

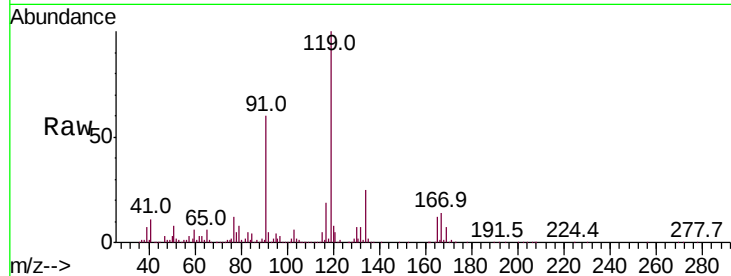
Tot Ion:119 Resp: 325020

Ion Ratio Lower Upper

119 100

91 58.8 28.2 84.7

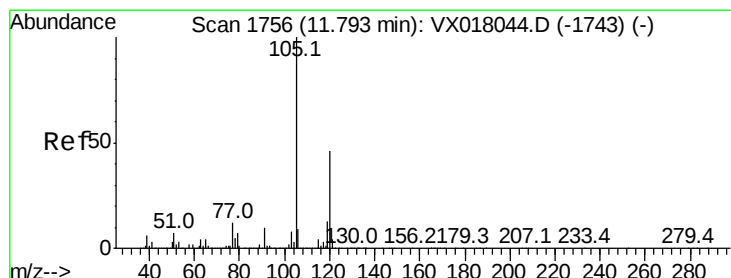
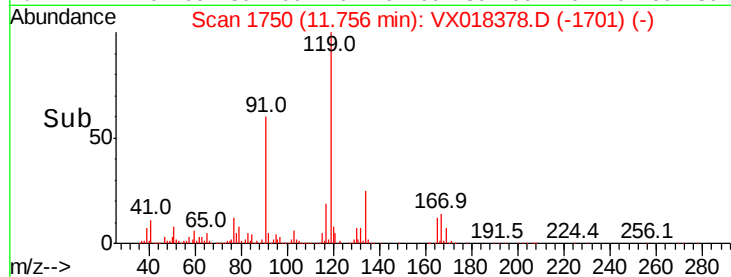
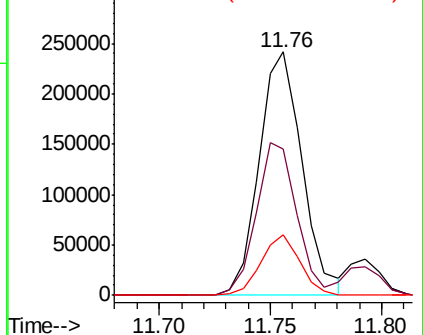
134 22.6 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 17.172 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018378.D

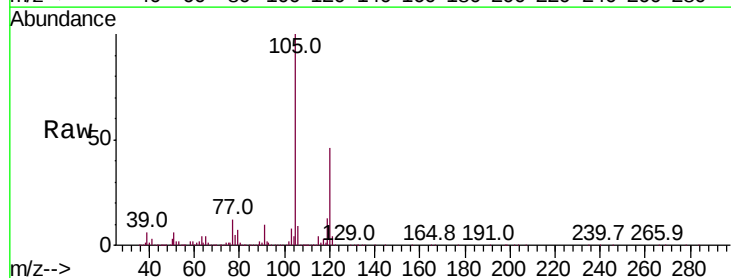
Acq: 14 Sep 2020 12:19

Tgt Ion:105 Resp: 337872

Ion Ratio Lower Upper

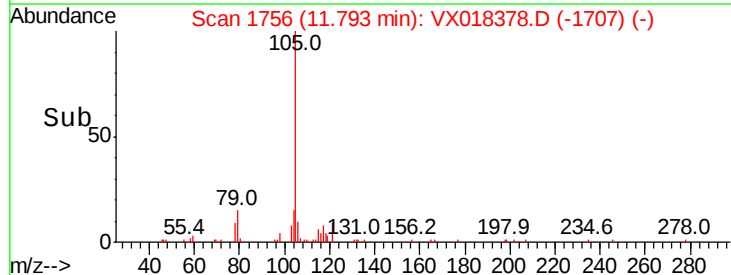
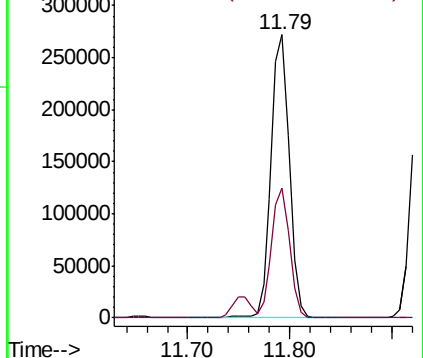
105 100

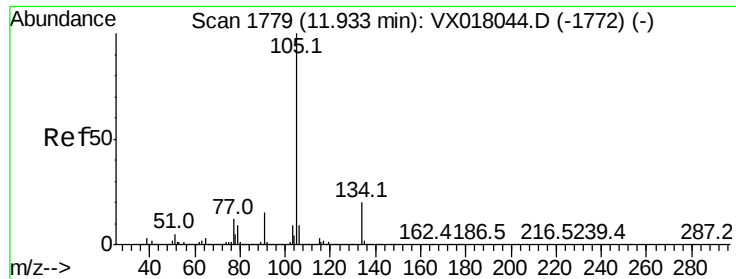
120 45.4 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

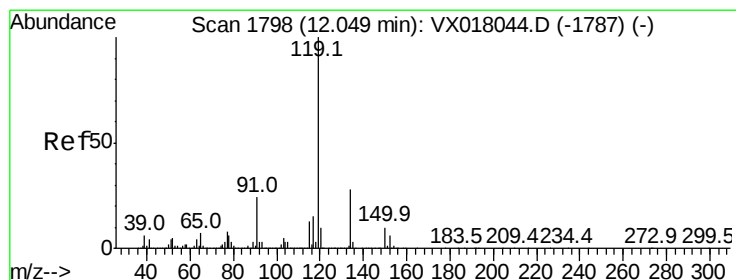
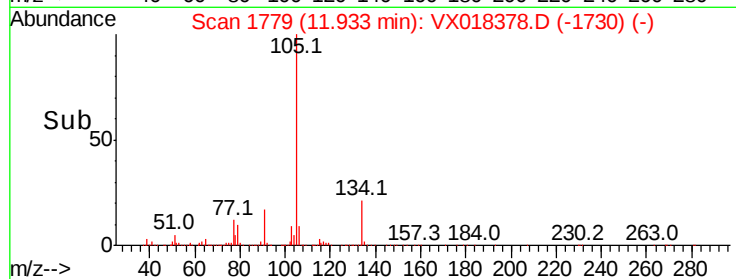
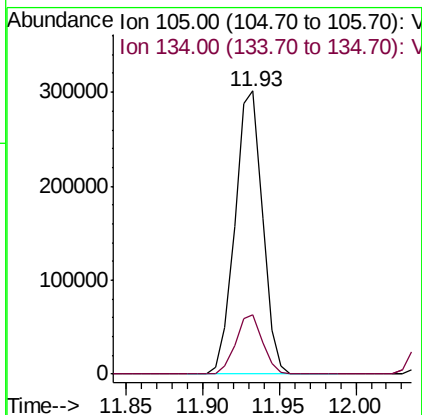
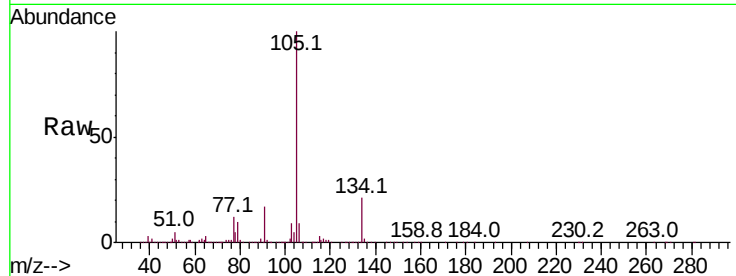




#85
 sec-Butylbenzene
 Concen: 17.380 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

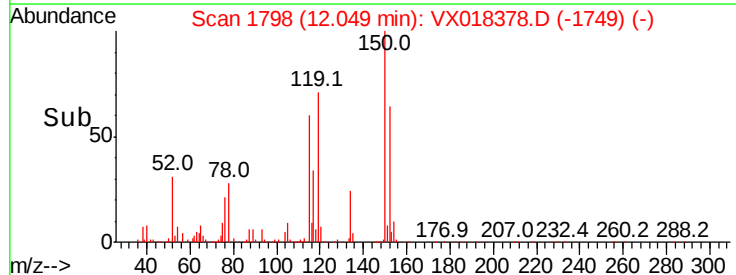
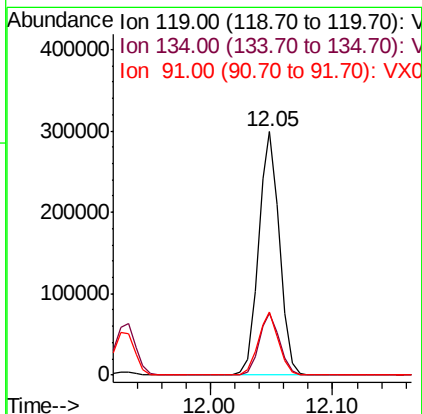
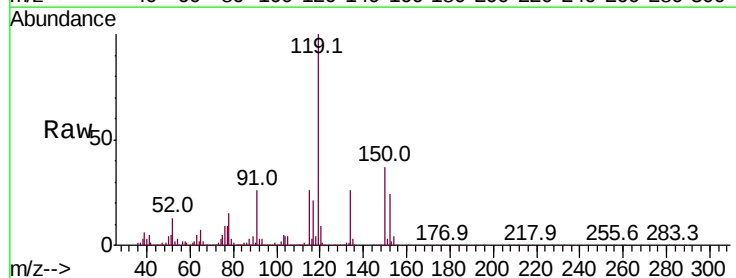
Instrument :
 MSVOA_X
 ClientSampleId :

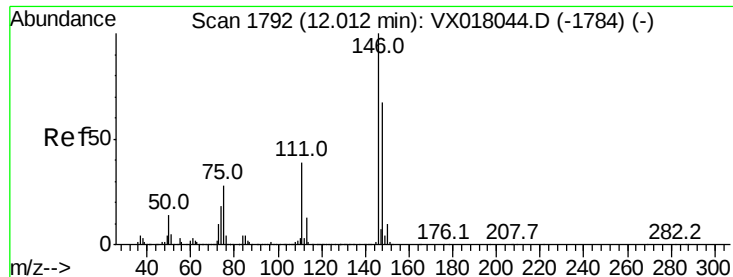
Tot Ion:105 Resp: 375352
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 17.868 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX018378.D
 Acq: 14 Sep 2020 12:19

Tgt Ion:119 Resp: 354477
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.2 39.5
 91 25.1 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 16.699 ug/l

RT: 12.01 min Scan# 1791

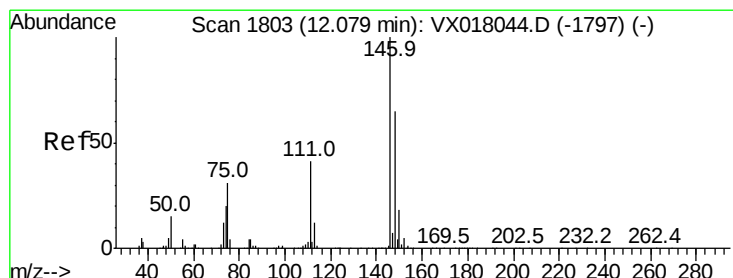
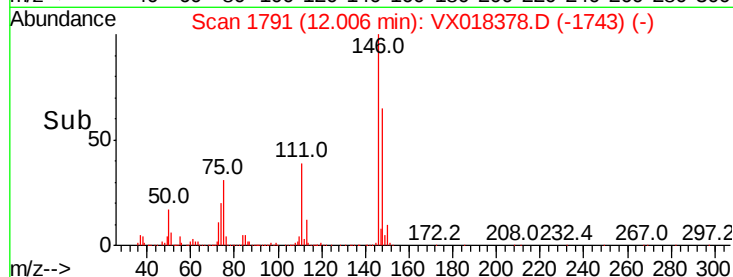
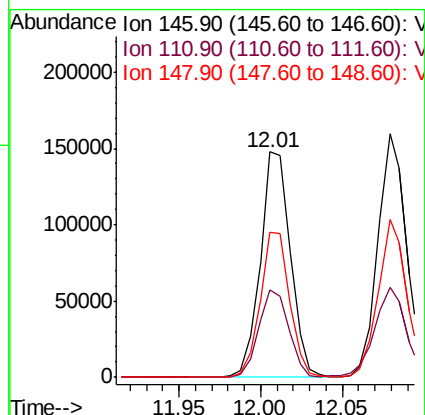
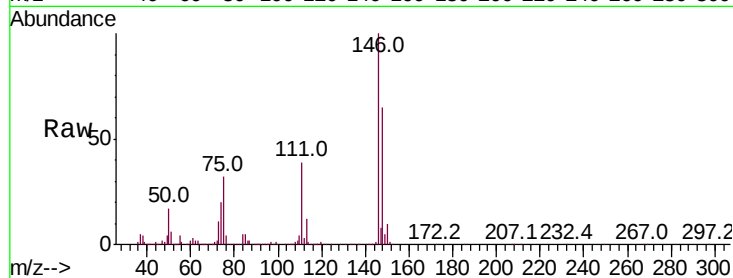
Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	20.6	61.8
148	63.2	33.1	99.2



#88

1,4-Dichlorobenzene

Concen: 17.053 ug/l

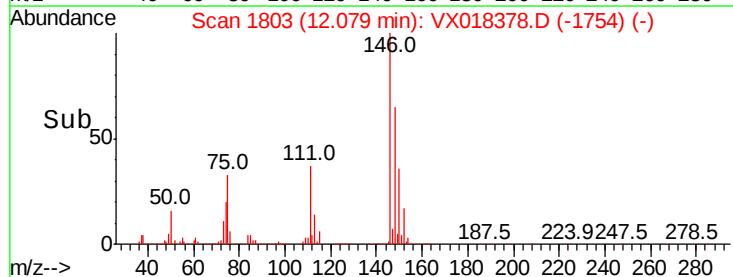
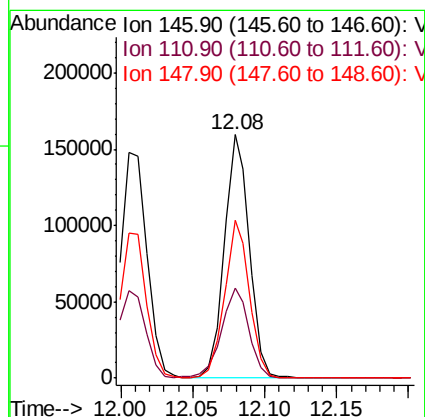
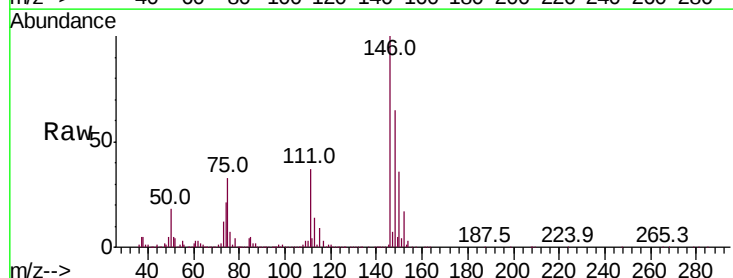
RT: 12.08 min Scan# 1803

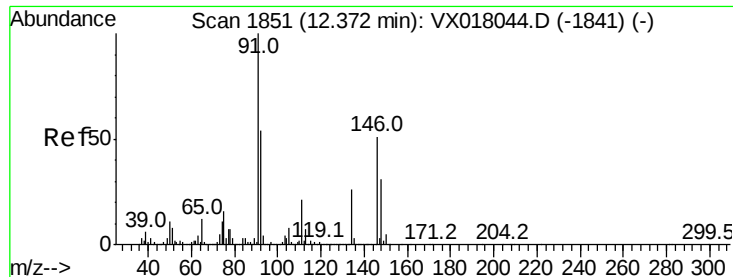
Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	20.3	60.8
148	64.7	33.1	99.2

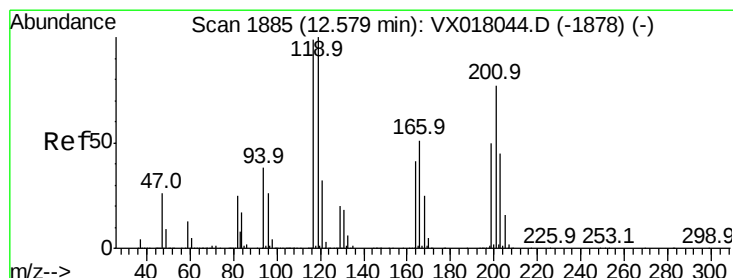
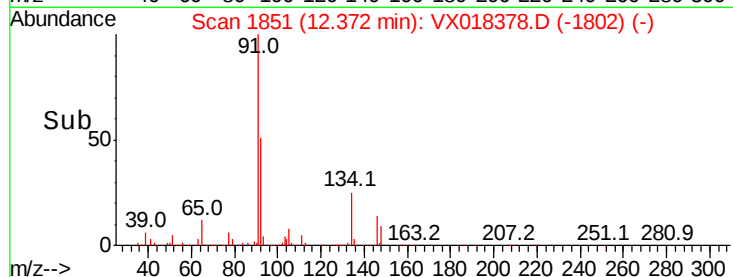
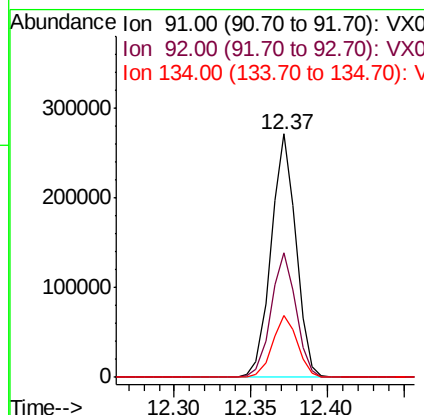
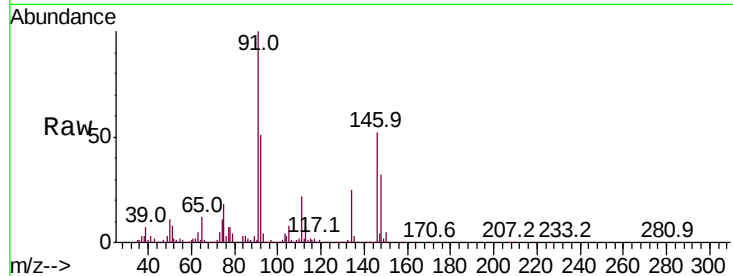




#89
n-Butylbenzene
Concen: 17.080 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

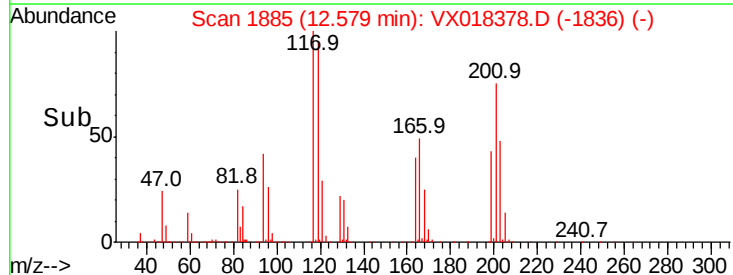
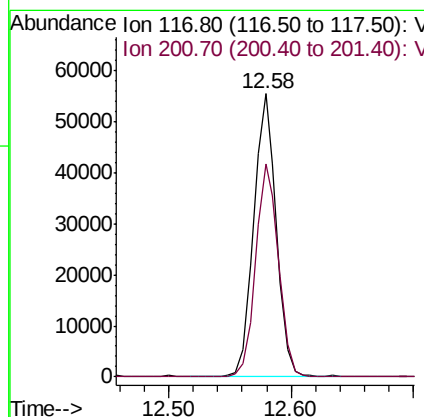
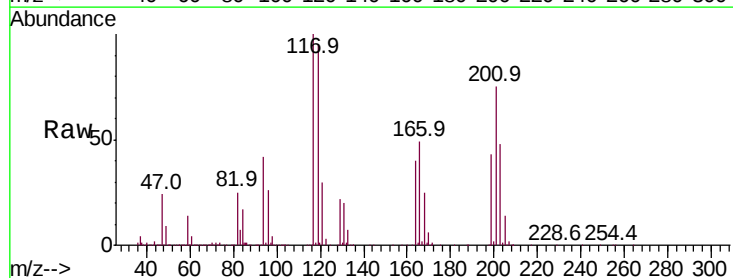
Instrument :
MSVOA_X
ClientSampleId :

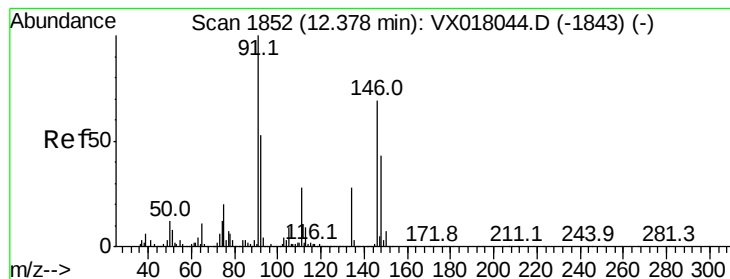
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.5	26.4	79.2
134	25.4	12.9	38.7



#90
Hexachloroethane
Concen: 18.394 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018378.D
Acq: 14 Sep 2020 12:19

Tgt Ion	Ratio	Lower	Upper
117	100		
201	75.8	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 17.332 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

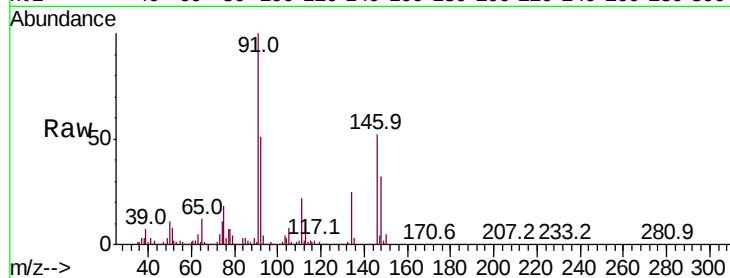
Tot Ion:146 Resp: 185423

Ion Ratio Lower Upper

146 100

111 40.5 20.8 62.5

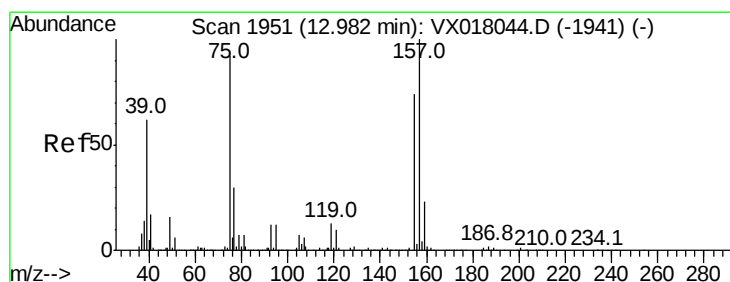
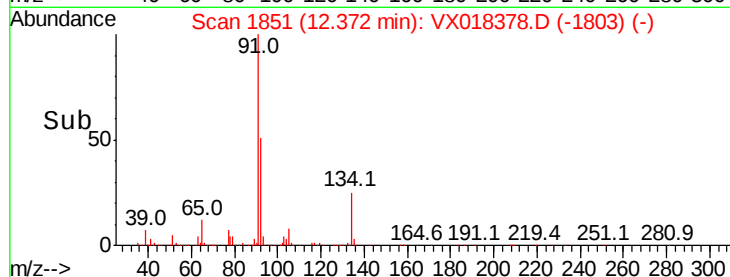
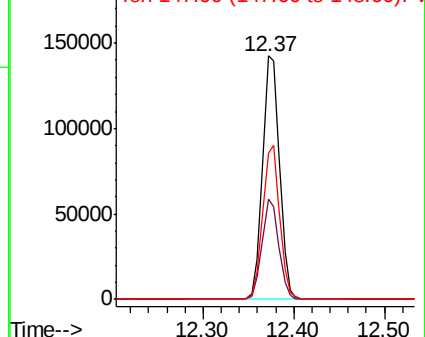
148 62.9 31.6 95.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 14.979 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

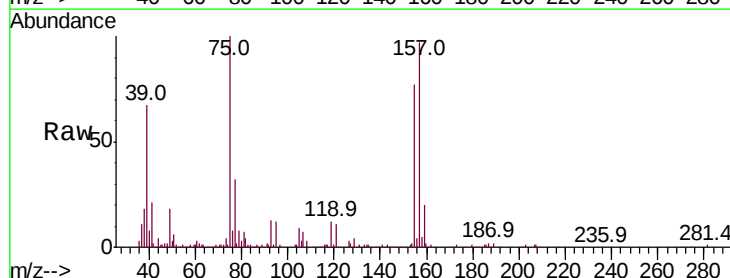
Tgt Ion: 75 Resp: 30941

Ion Ratio Lower Upper

75 100

155 78.3 40.2 120.6

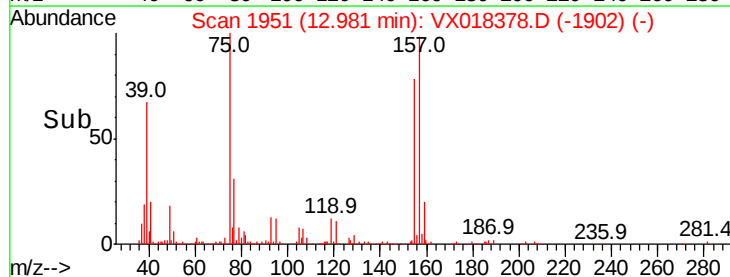
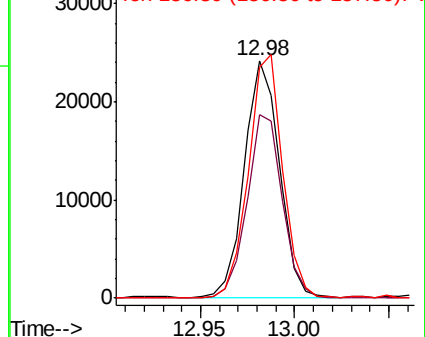
157 100.9 55.0 165.2

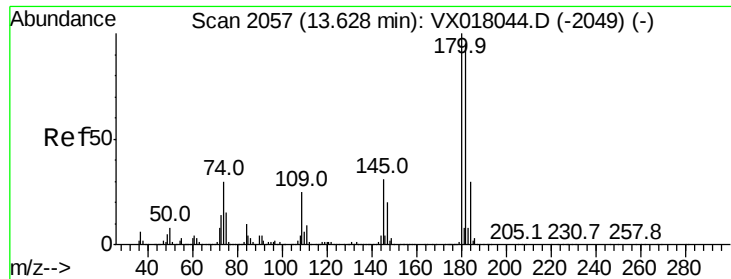


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 16.383 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Instrument :

MSVOA_X

ClientSampleId :

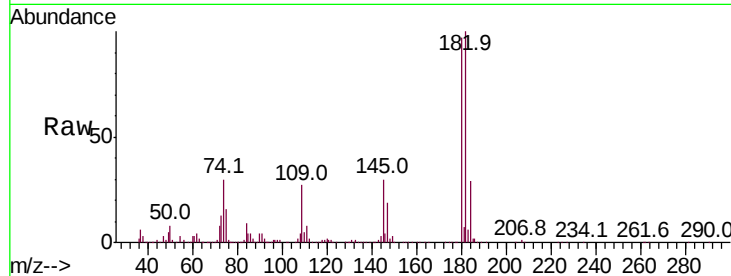
Tot Ion:180 Resp: 116878

Ion Ratio Lower Upper

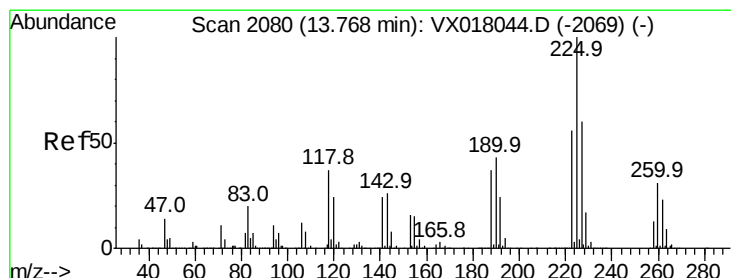
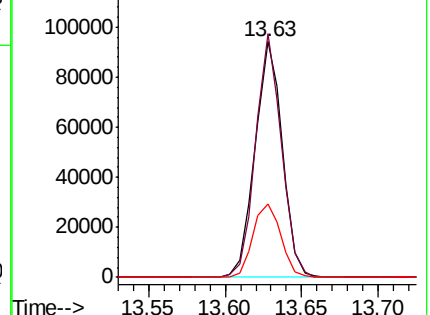
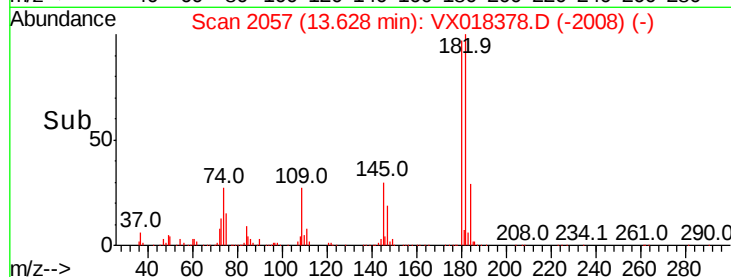
180 100

182 97.5 47.5 142.6

145 31.8 15.7 47.1



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



#94

Hexachlorobutadiene

Concen: 18.865 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

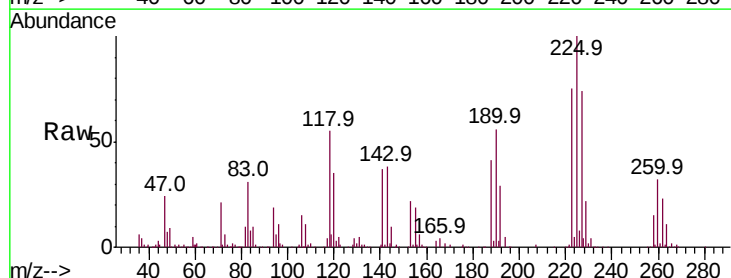
Tgt Ion:225 Resp: 53085

Ion Ratio Lower Upper

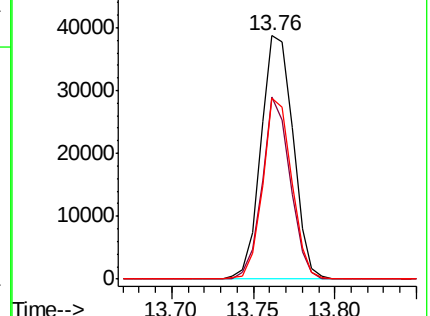
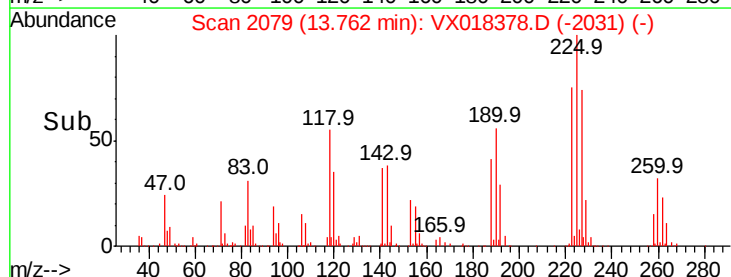
225 100

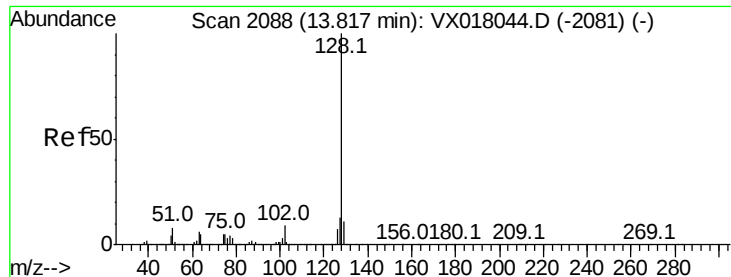
223 65.6 30.7 92.1

227 67.3 32.6 97.8



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





#95

Naphthalene

Concen: 14.893 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

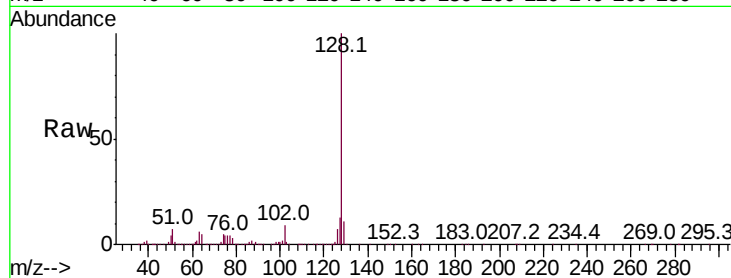
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:128 Resp: 349679

Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.2	15.2
129	11.1	8.7	13.1

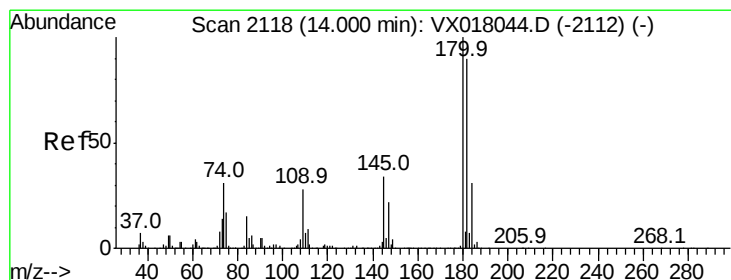
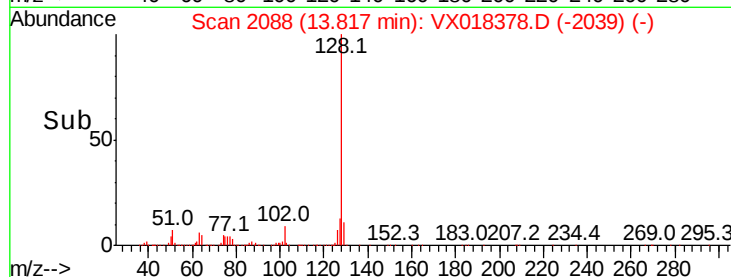
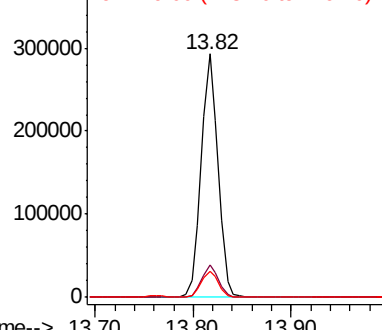


Abundance

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: 16.487 ug/l

RT: 14.00 min Scan# 2118

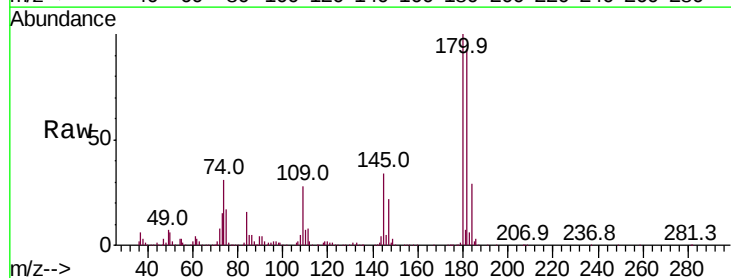
Delta R.T. -0.00 min

Lab File: VX018378.D

Acq: 14 Sep 2020 12:19

Tgt Ion:180 Resp: 116218

Ion	Ratio	Lower	Upper
180	100		
182	94.4	47.3	142.0
145	34.1	17.5	52.6



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

