

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091420\
 Data File : VX018379.D
 Acq On : 14 Sep 2020 12:48
 Operator : JC/SP
 Sample : VX0914WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 05:10:07 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	392956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	591362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	566969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	304280	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	264089	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	5.46	113	202133	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	8.70	98	685118	45.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.34%	
62) 4-Bromofluorobenzene	11.12	95	270035	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	82570	17.259	ug/l	98
3) Chloromethane	1.31	50	75680	15.004	ug/l	95
4) Vinyl Chloride	1.39	62	78048	15.544	ug/l	99
5) Bromomethane	1.64	94	55386	22.869	ug/l	99
6) Chloroethane	1.71	64	48957	18.154	ug/l	95
7) Trichlorofluoromethane	1.92	101	144684	21.132	ug/l	100
8) Diethyl Ether	2.17	74	45567	19.625	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72870	19.687	ug/l	99
10) Methyl Iodide	2.50	142	75431	22.320	ug/l	96
11) Tert butyl alcohol	3.01	59	88971	83.880	ug/l	100
12) 1,1-Dichloroethene	2.36	96	67942	17.693	ug/l	98
13) Acrolein	2.28	56	63143	143.569	ug/l	98
14) Allyl chloride	2.71	41	117820	17.077	ug/l	94
15) Acrylonitrile	3.11	53	206864	85.976	ug/l	99
16) Acetone	2.42	43	192641	90.625	ug/l	97
17) Carbon Disulfide	2.55	76	179444	15.458	ug/l	99
18) Methyl Acetate	2.75	43	107632	20.983	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	258014	19.591	ug/l	98
20) Methylene Chloride	2.84	84	80571	17.785	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	73939	17.379	ug/l	95
22) Diisopropyl ether	3.82	45	255339	18.751	ug/l	94
23) Vinyl Acetate	3.79	43	1091725	90.101	ug/l	98
24) 1,1-Dichloroethane	3.67	63	142951	18.442	ug/l	98
25) 2-Butanone	4.64	43	297501	85.159	ug/l	100
26) 2,2-Dichloropropane	4.55	77	136511	21.645	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	87721	17.895	ug/l	99
28) Bromochloromethane	4.98	49	63810	17.054	ug/l	94
29) Tetrahydrofuran	5.09	42	179838	80.866	ug/l	97
30) Chloroform	5.18	83	152345	18.981	ug/l	96
31) Cyclohexane	5.55	56	108112	16.557	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	140827	19.119	ug/l	97
36) 1,1-Dichloropropene	5.77	75	105199	19.287	ug/l	98
37) Ethyl Acetate	4.79	43	117424	18.536	ug/l	98
38) Carbon Tetrachloride	5.76	117	131972	21.470	ug/l	98

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 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 05:10:07 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	106585	17.871	ug/l	98
40) Benzene	6.11	78	305279	19.048	ug/l	100
41) Methacrylonitrile	5.01	41	62905	18.085	ug/l	94
42) 1,2-Dichloroethane	6.16	62	130206	21.204	ug/l	97
43) Isopropyl Acetate	6.41	43	189463	18.517	ug/l	100
44) Trichloroethene	7.19	130	88171	19.470	ug/l	96
45) 1,2-Dichloropropane	7.49	63	83645	19.364	ug/l	96
46) Dibromomethane	7.63	93	58852	19.374	ug/l	98
47) Bromodichloromethane	7.87	83	125295	20.658	ug/l	97
48) Methyl methacrylate	7.74	41	90702	17.807	ug/l	99
49) 1,4-Dioxane	7.71	88	29098	315.368	ug/l	92
51) 4-Methyl-2-Pentanone	8.62	43	590418	93.413	ug/l	100
52) Toluene	8.76	92	196216	19.307	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	133824	19.908	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	141884	19.925	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	85976	19.836	ug/l	95
56) Ethyl methacrylate	9.16	69	117496	18.235	ug/l	99
57) 1,3-Dichloropropane	9.35	76	138531	19.378	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	307650	106.138	ug/l	97
59) 2-Hexanone	9.47	43	446166	92.835	ug/l	98
60) Dibromochloromethane	9.56	129	105722	20.793	ug/l	100
61) 1,2-Dibromoethane	9.65	107	93125	19.790	ug/l	98
64) Tetrachloroethene	9.32	164	85192	20.447	ug/l	89
65) Chlorobenzene	10.12	112	217554	19.212	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	91108	20.414	ug/l	99
67) Ethyl Benzene	10.23	91	366754	19.045	ug/l	98
68) m/p-Xylenes	10.34	106	279460	38.881	ug/l	97
69) o-Xylene	10.68	106	132566	19.026	ug/l	98
70) Styrene	10.70	104	223980	18.876	ug/l	96
71) Bromoform	10.84	173	76516	20.100	ug/l #	96
73) Isopropylbenzene	11.00	105	361943	18.033	ug/l	98
74) N-amyl acetate	10.88	43	156607	16.445	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	126433	17.857	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	152893	22.588	ug/l	87
77) Bromobenzene	11.24	156	99806	17.990	ug/l	98
78) n-propylbenzene	11.34	91	421011	18.474	ug/l	99
79) 2-Chlorotoluene	11.40	91	257890	18.316	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	316833	19.210	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	44238	17.651	ug/l	97
82) 4-Chlorotoluene	11.49	91	310107	18.527	ug/l	100
83) tert-Butylbenzene	11.76	119	302986	18.615	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	326449	19.360	ug/l	100
85) sec-Butylbenzene	11.93	105	356220	19.245	ug/l	98
86) p-Isopropyltoluene	12.05	119	330973	19.466	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	187470	19.246	ug/l	96
88) 1,4-Dichlorobenzene	12.09	146	184716	18.940	ug/l	99
89) n-Butylbenzene	12.37	91	292650	18.858	ug/l	99
90) Hexachloroethane	12.58	117	67451	20.164	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	176072	19.203	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	29681	16.766	ug/l	98

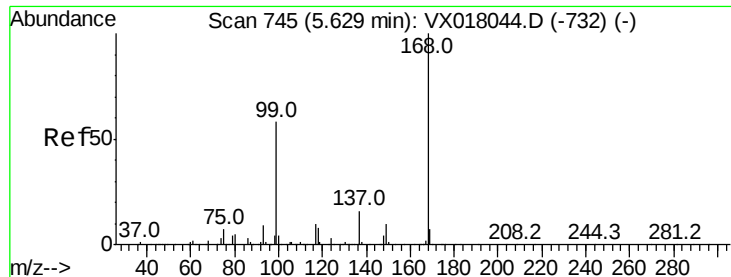
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Quant Time: Sep 15 05:10:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	113264	18.525	ug/l	99
94) Hexachlorobutadiene	13.76	225	54947	22.784	ug/l	95
95) Naphthalene	13.82	128	351666	17.477	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	114492	18.951	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

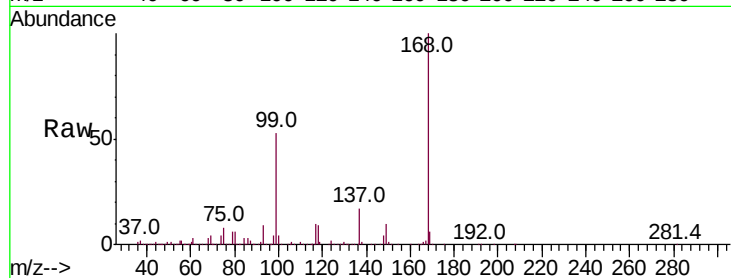
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 392956

Ion Ratio Lower Upper

168 100

99 52.7 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

150000

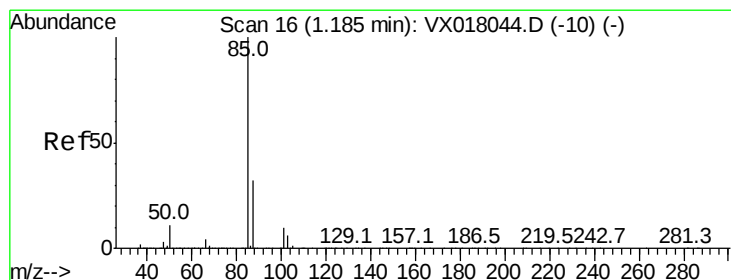
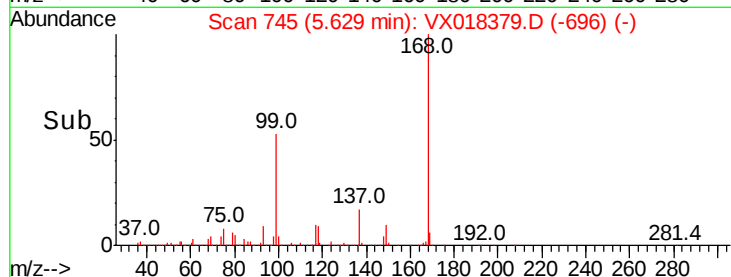
100000

50000

0

5.50 5.60 5.70

Time-->



#2

Dichlorodifluoromethane

Concen: 17.259 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018379.D

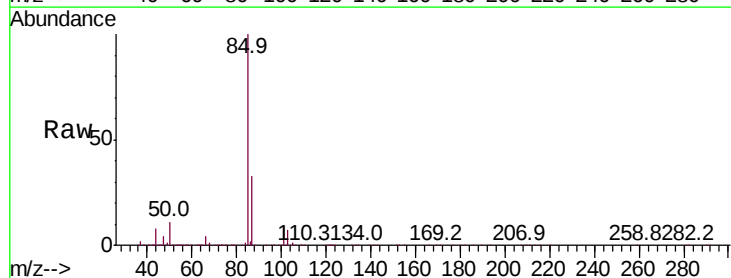
Acq: 14 Sep 2020 12:48

Tgt Ion: 85 Resp: 82570

Ion Ratio Lower Upper

85 100

87 33.0 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

100000

80000

60000

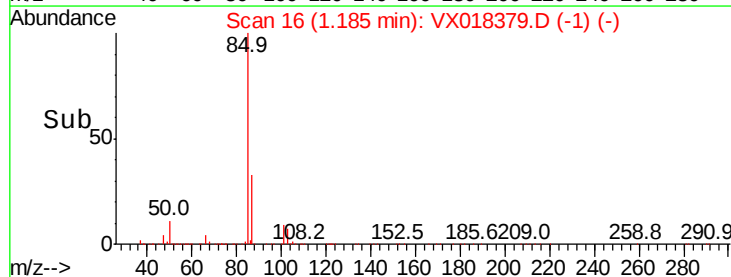
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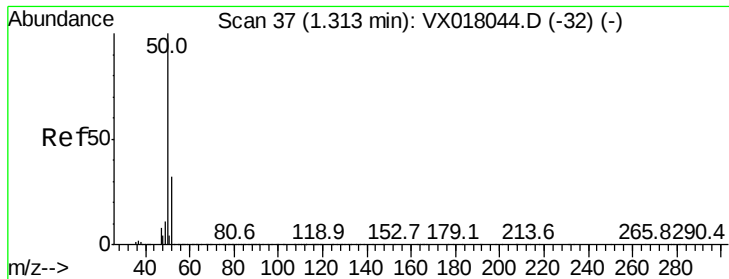
20000

0

1.15 1.20 1.25

Time-->





#3

Chloromethane

Concen: 15.004 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

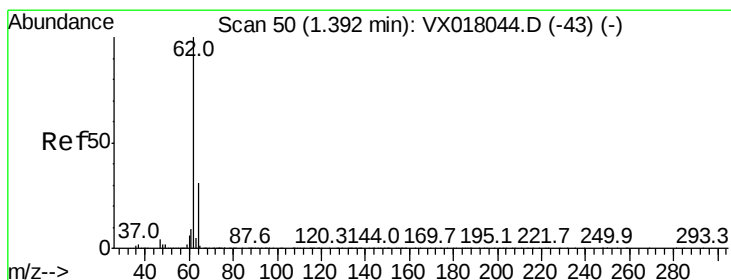
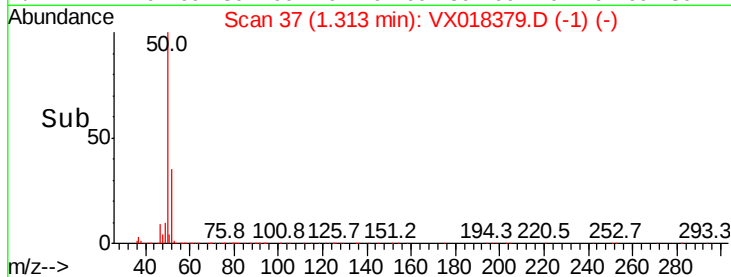
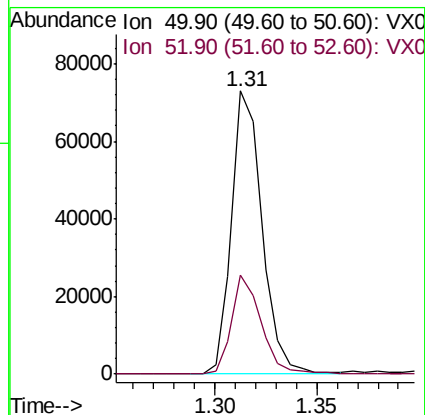
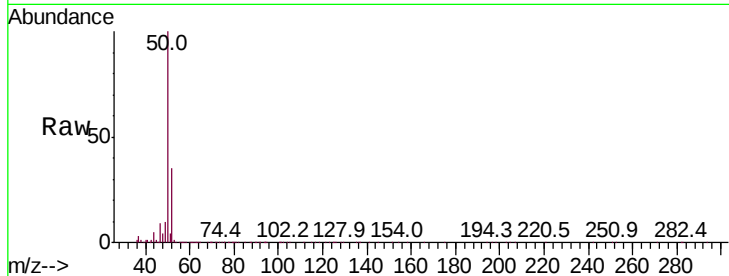
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 75680

Ion Ratio Lower Upper

50 100

52 34.8 25.4 38.2



#4

Vinyl Chloride

Concen: 15.544 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018379.D

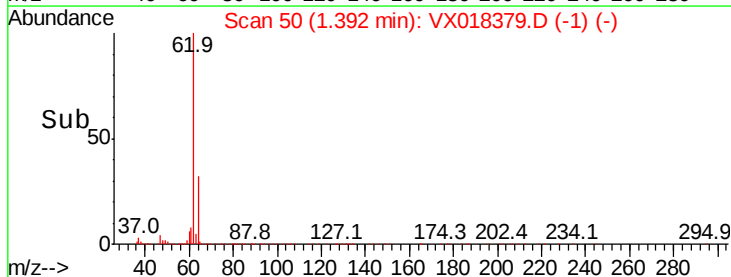
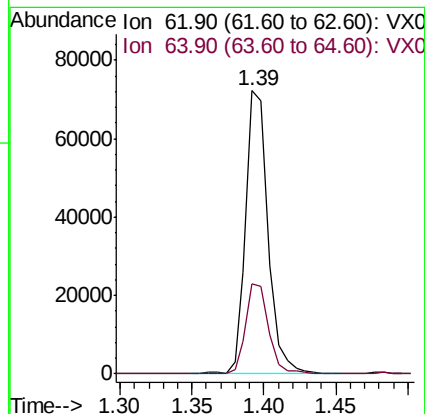
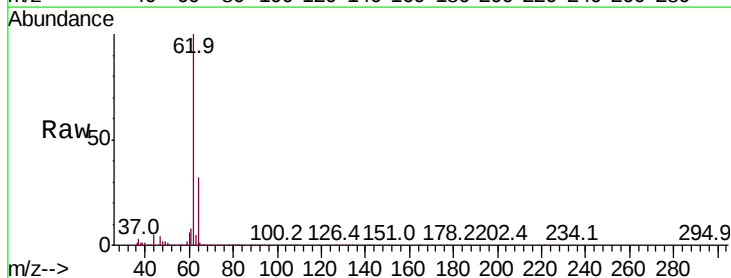
Acq: 14 Sep 2020 12:48

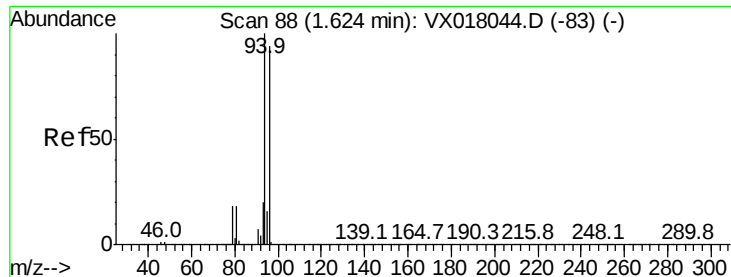
Tgt Ion: 62 Resp: 78048

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7





#5

Bromomethane

Concen: 22.869 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

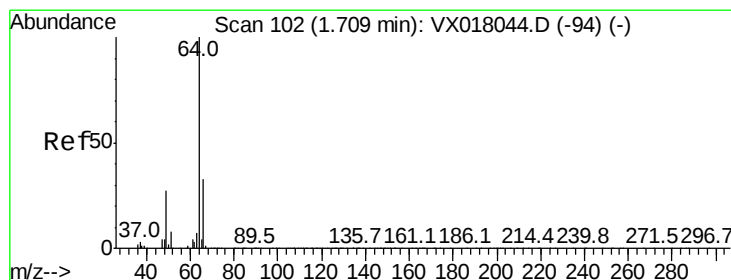
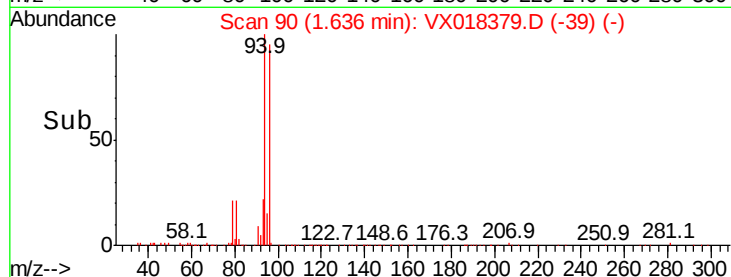
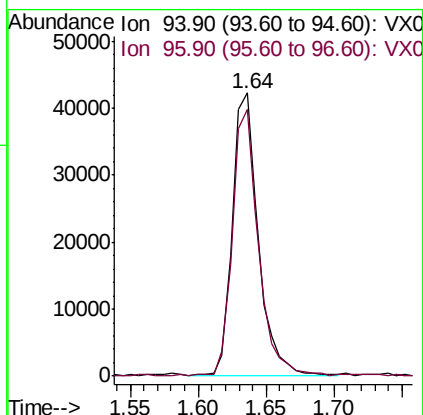
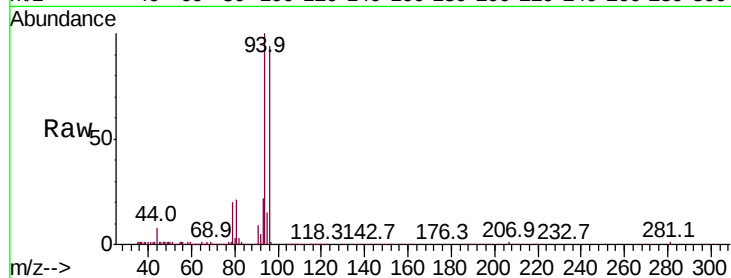
ClientSampleId :

Tot Ion: 94 Resp: 55386

Ion Ratio Lower Upper

94 100

96 94.7 74.8 112.2



#6

Chloroethane

Concen: 18.154 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX018379.D

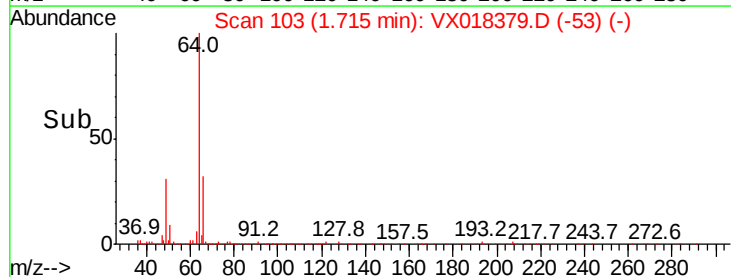
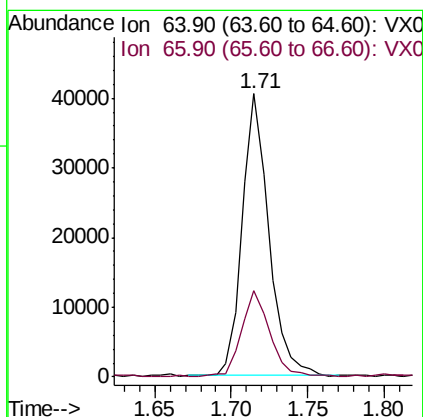
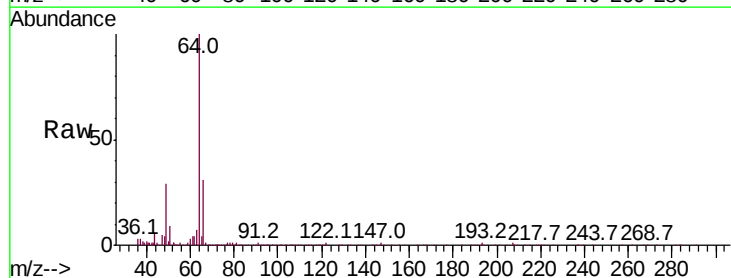
Acq: 14 Sep 2020 12:48

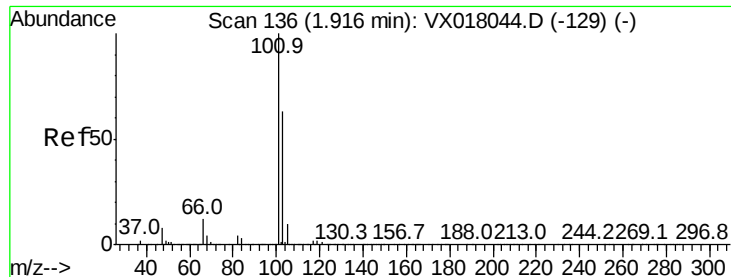
Tgt Ion: 64 Resp: 48957

Ion Ratio Lower Upper

64 100

66 30.4 26.6 39.8



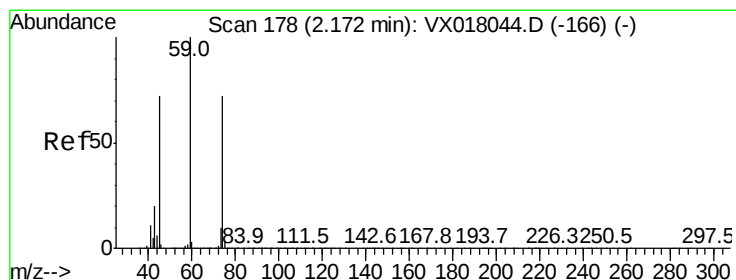
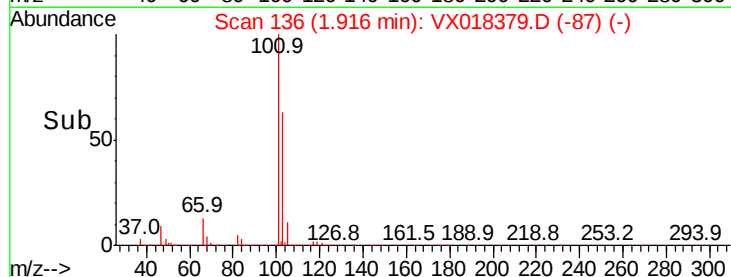
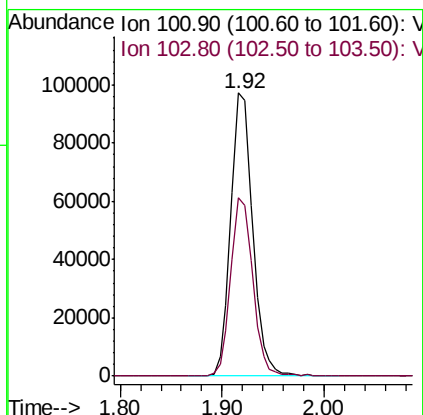
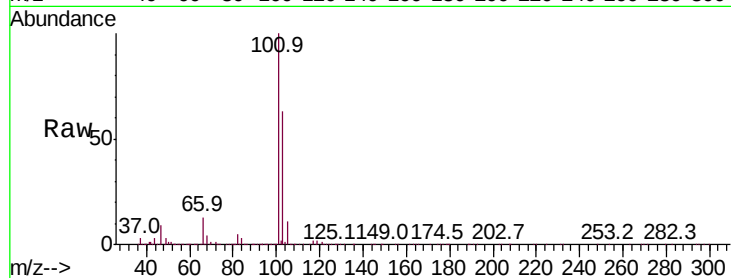


#7

Trichlorofluoromethane
Concen: 21.132 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :

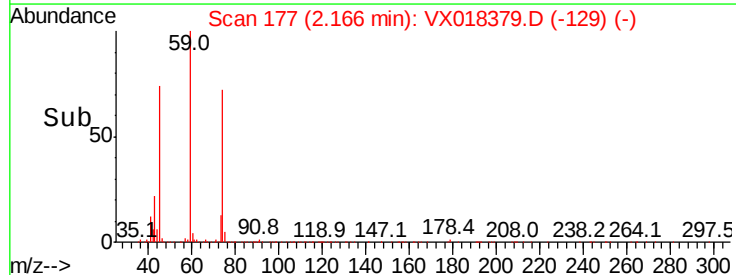
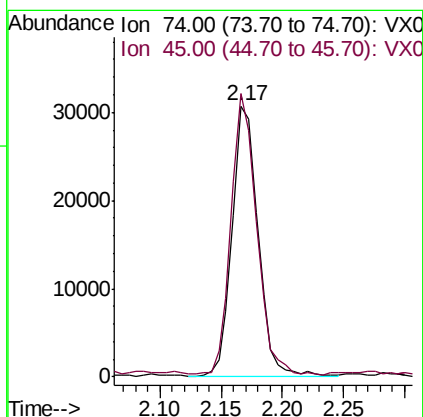
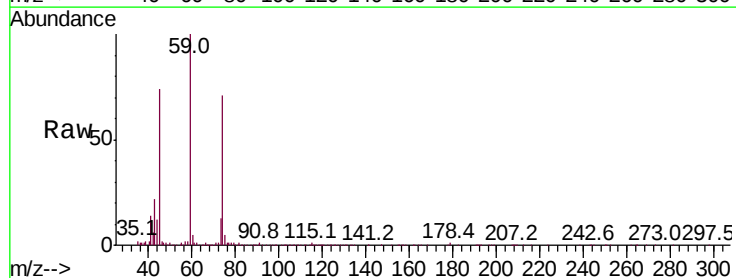
Tot Ion:101 Resp: 144684
Ion Ratio Lower Upper
101 100
103 63.0 50.7 76.1

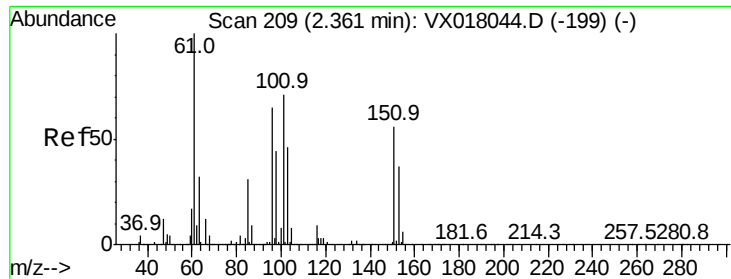


#8

Diethyl Ether
Concen: 19.625 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

Tgt Ion: 74 Resp: 45567
Ion Ratio Lower Upper
74 100
45 101.0 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.687 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

ClientSampled :

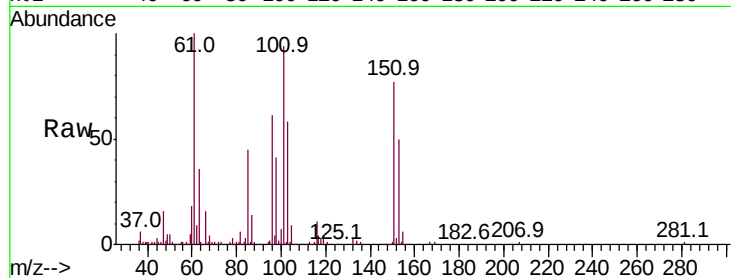
Tot Ion:101 Resp: 72870

Ion Ratio Lower Upper

101 100

85 44.6 34.0 51.0

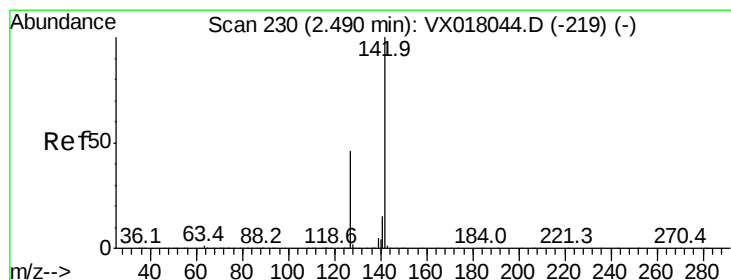
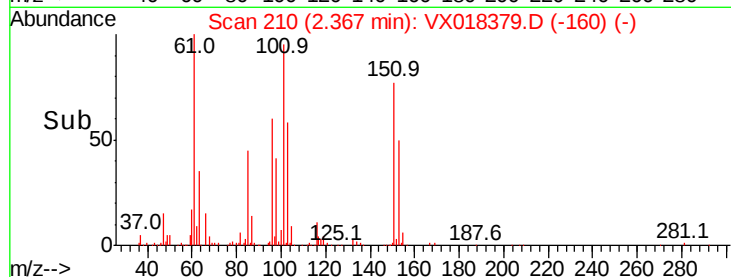
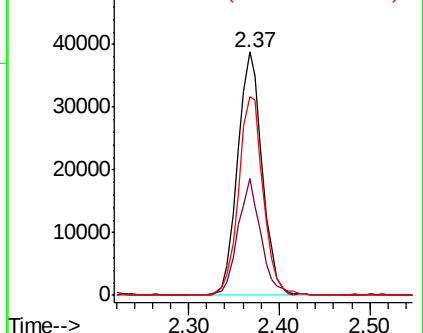
151 81.9 65.2 97.8



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: 22.320 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

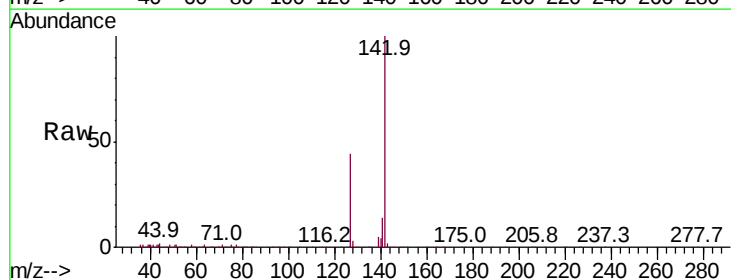
Tgt Ion:142 Resp: 75431

Ion Ratio Lower Upper

142 100

127 49.1 37.0 55.6

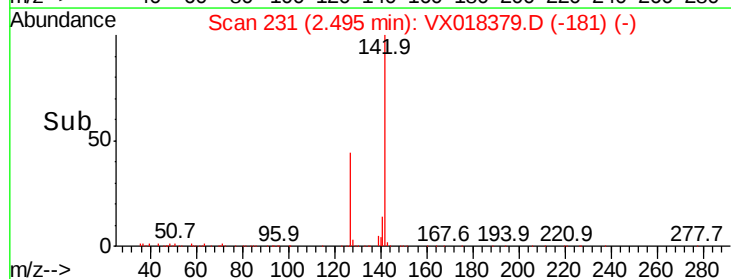
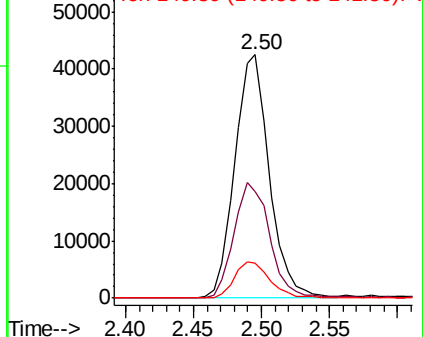
141 15.2 11.5 17.3

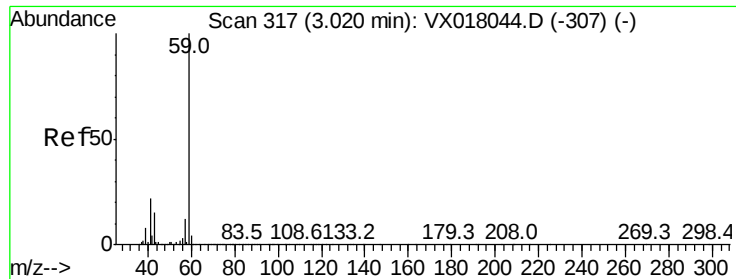


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



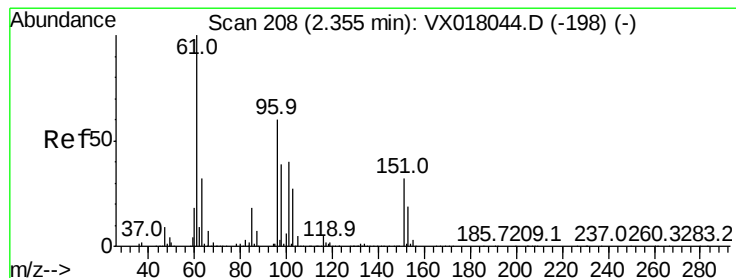
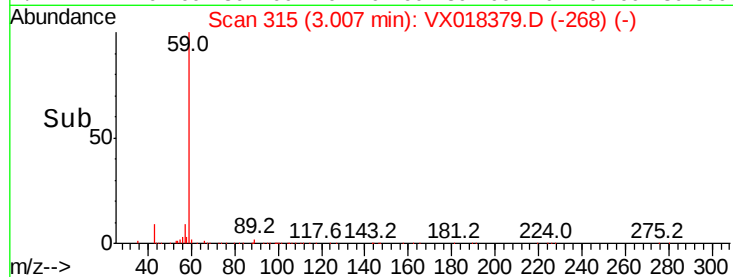
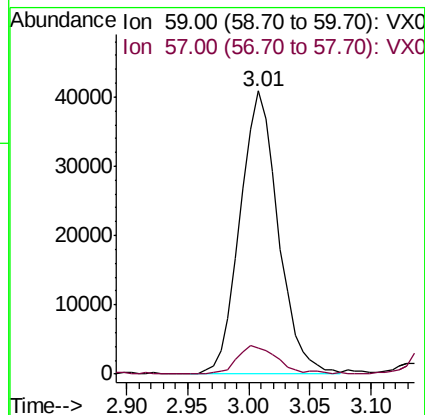
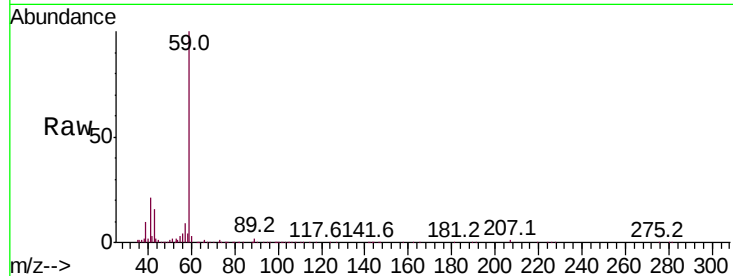


#11

Tert butyl alcohol
Concen: 83.880 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :

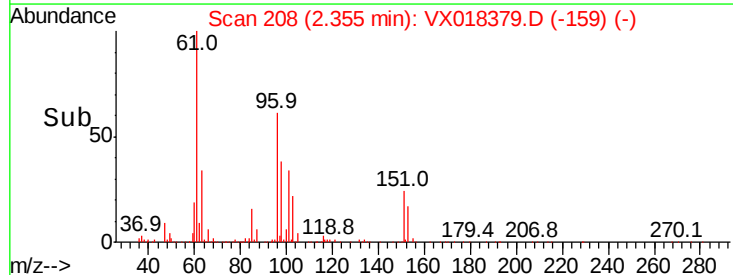
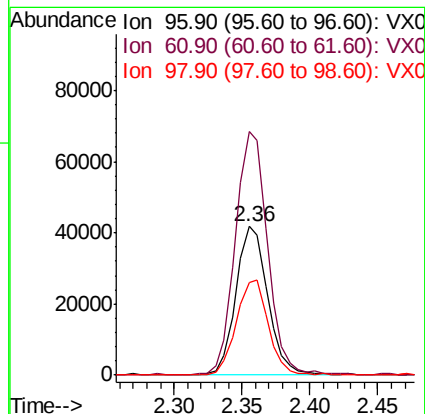
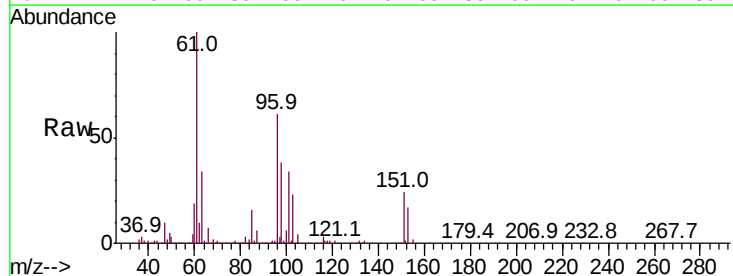
Tot Ion: 59 Resp: 88971
Ion Ratio Lower Upper
59 100
57 11.0 8.9 13.3

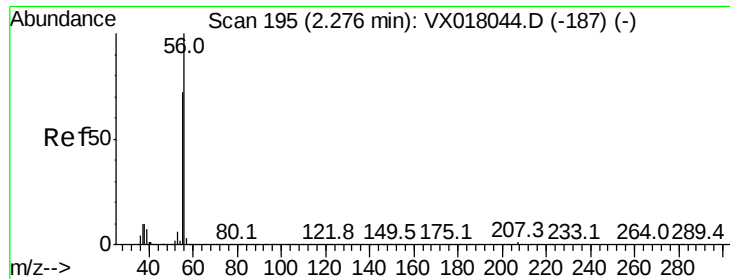


#12

1,1-Dichloroethene
Concen: 17.693 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

Tgt Ion: 96 Resp: 67942
Ion Ratio Lower Upper
96 100
61 163.6 133.0 199.4
98 62.1 51.6 77.4

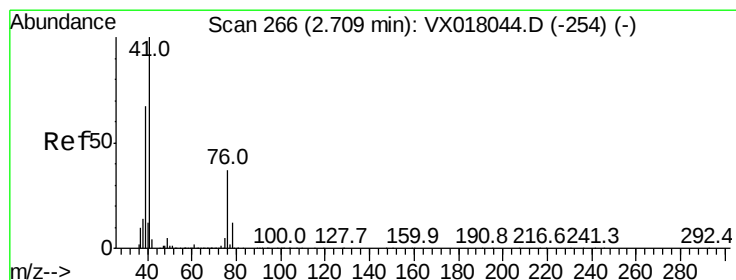
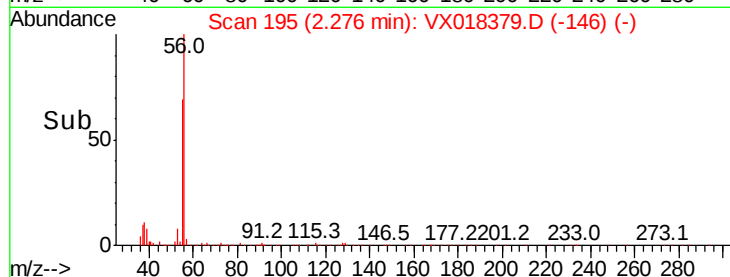
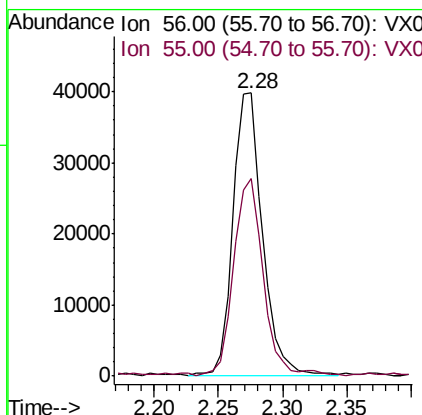
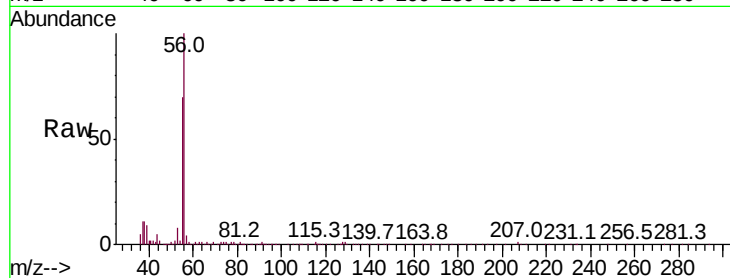




#13
Acrolein
Concen: 143.569 ug/l
RT: 2.28 min Scan# 195
Delta R.T. -0.00 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

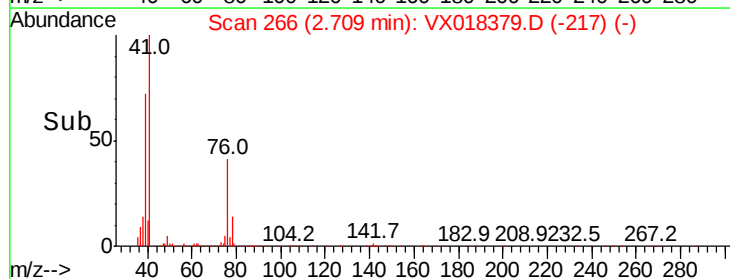
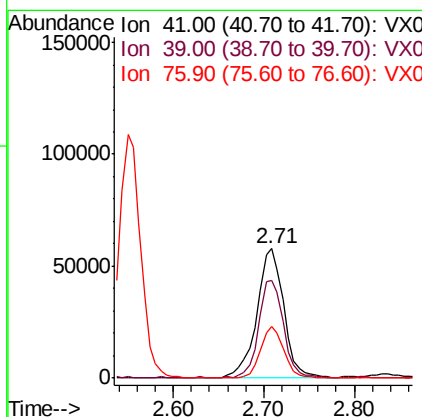
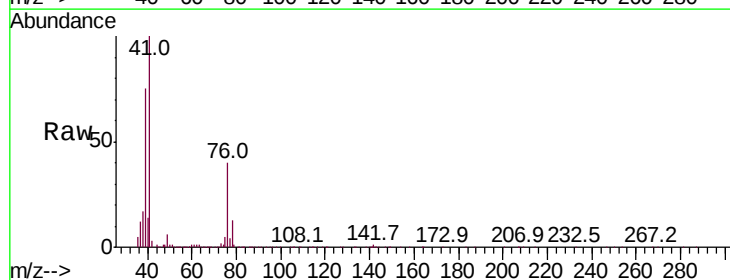
Instrument :
MSVOA_X
ClientSampleId :

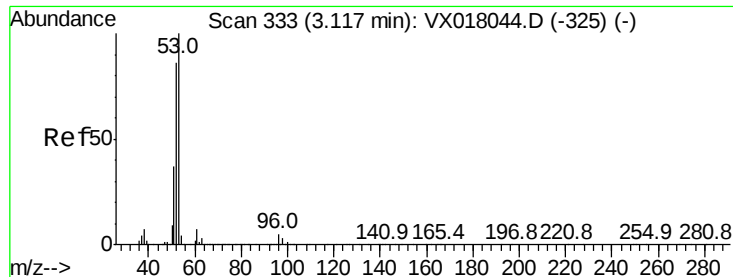
Tot Ion: 56 Resp: 63143
Ion Ratio Lower Upper
56 100
55 69.4 57.0 85.6



#14
Allyl chloride
Concen: 17.077 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

Tgt Ion: 41 Resp: 117820
Ion Ratio Lower Upper
41 100
39 69.5 50.6 76.0
76 34.5 26.2 39.2





#15

Acrylonitrile

Concen: 85.976 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

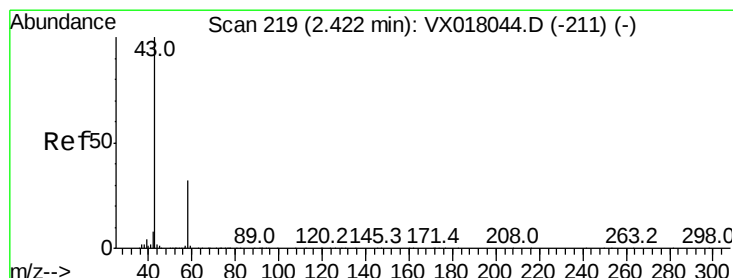
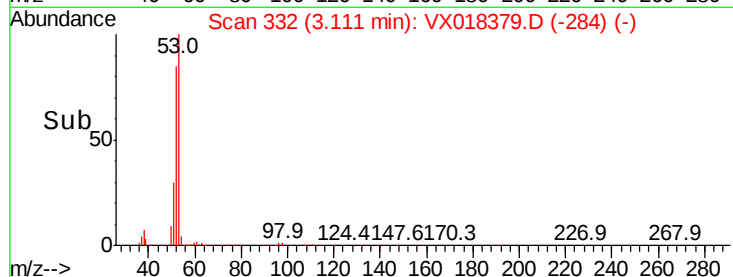
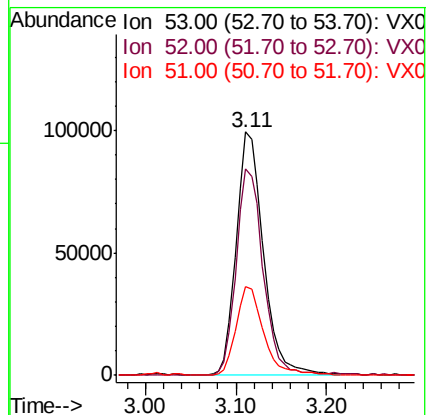
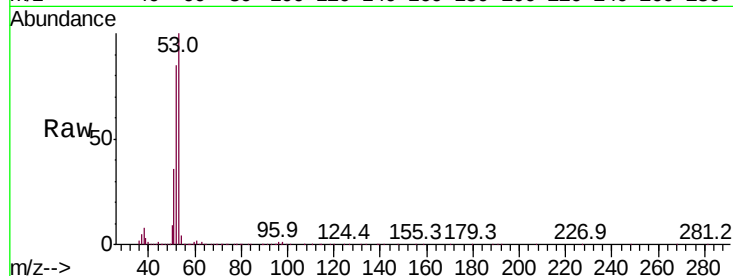
Tot Ion: 53 Resp: 206864

Ion Ratio Lower Upper

53 100

52 84.0 66.9 100.3

51 37.1 28.7 43.1



#16

Acetone

Concen: 90.625 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX018379.D

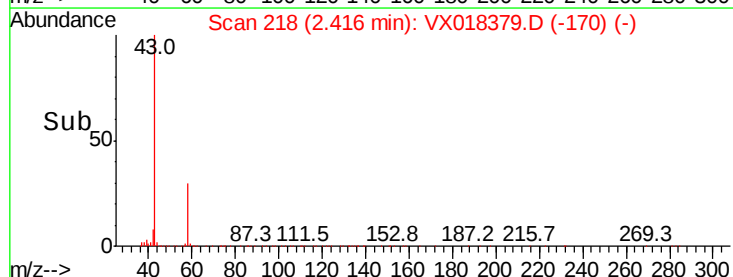
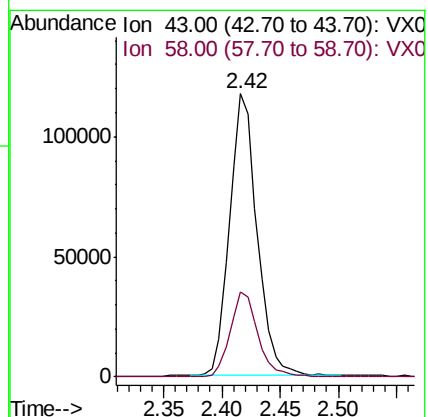
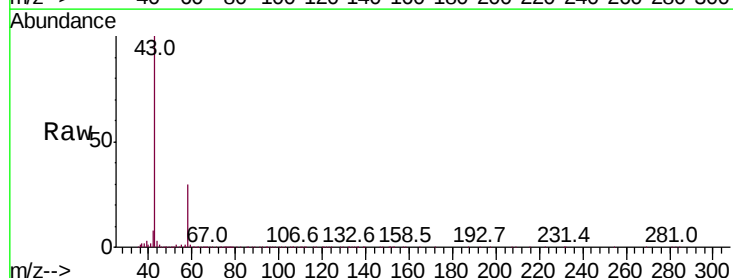
Acq: 14 Sep 2020 12:48

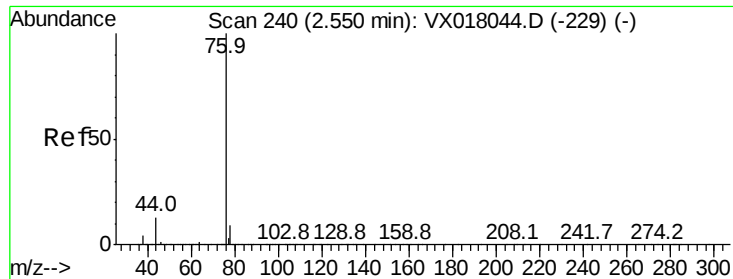
Tgt Ion: 43 Resp: 192641

Ion Ratio Lower Upper

43 100

58 30.1 25.5 38.3

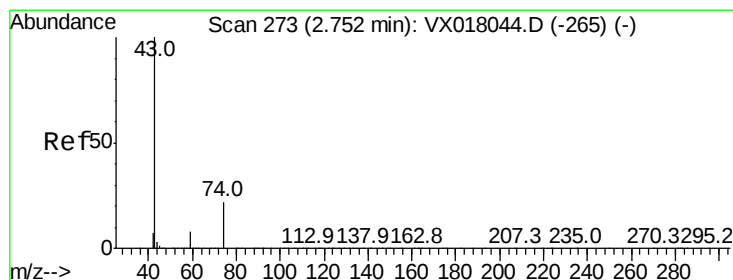
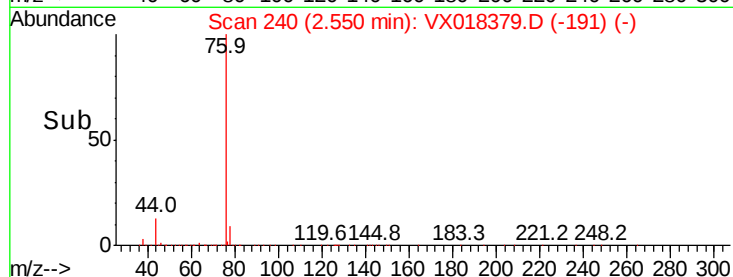
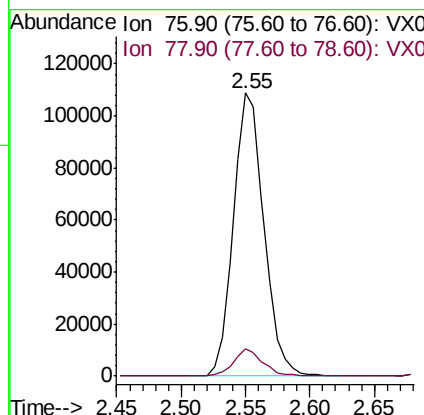
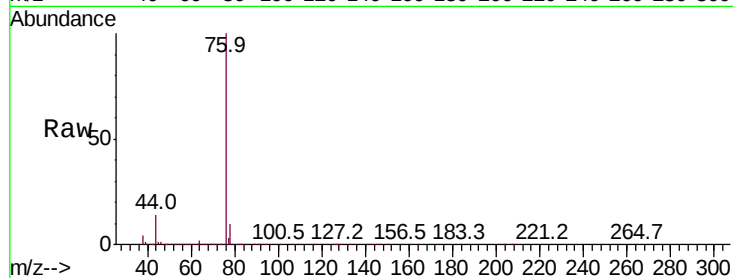




#17
Carbon Disulfide
Concen: 15.458 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

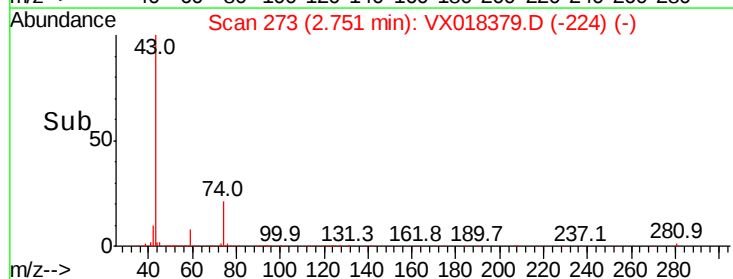
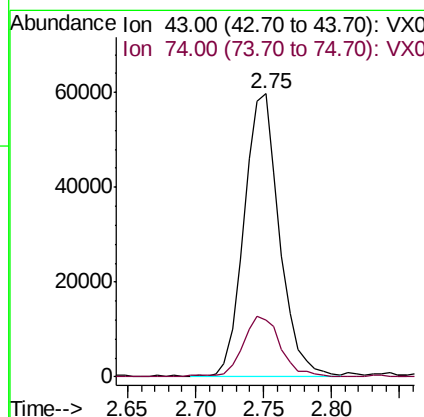
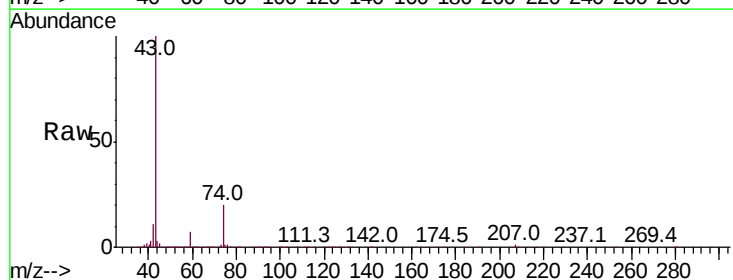
Instrument :
MSVOA_X
ClientSampled :

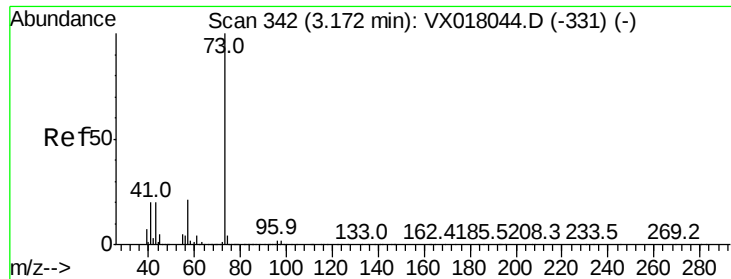
Tot Ion: 76 Resp: 179444
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#18
Methyl Acetate
Concen: 20.983 ug/l
RT: 2.75 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

Tgt Ion: 43 Resp: 107632
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.4

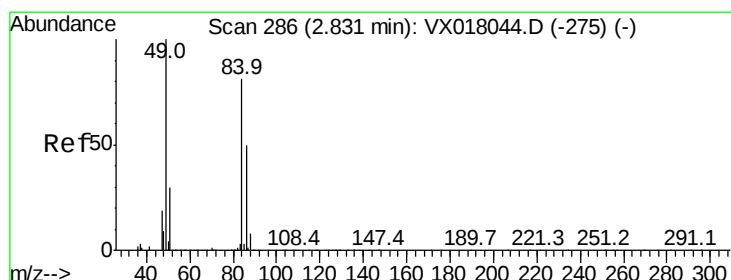
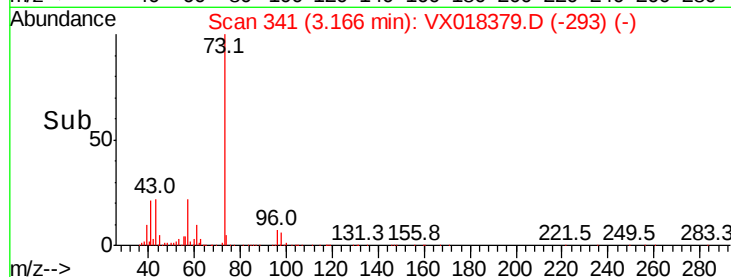
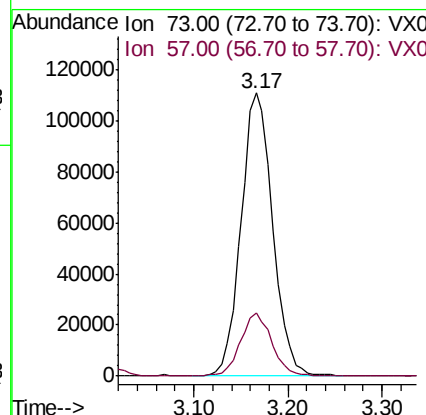
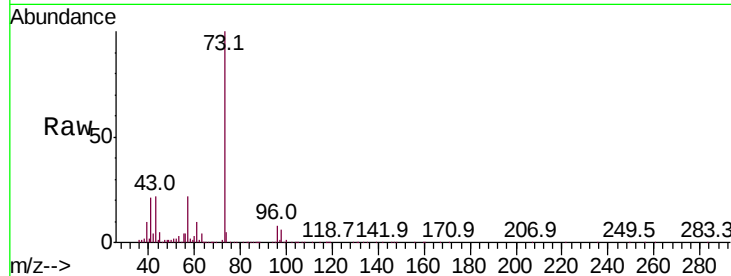




#19
Methvl tert-butvl Ether
Concen: 19.591 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

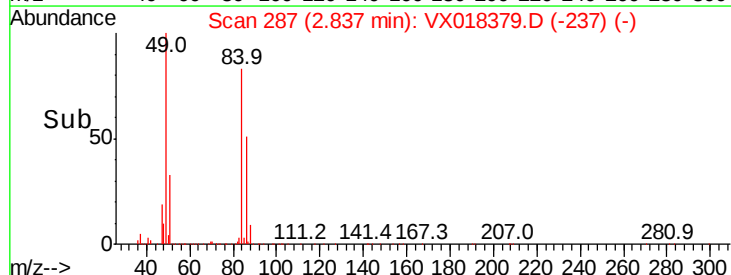
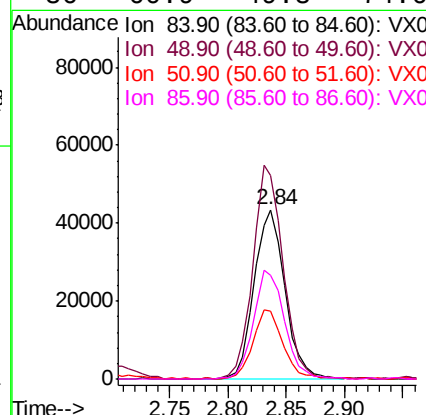
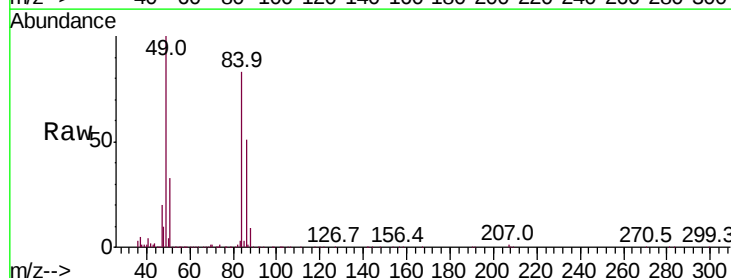
Instrument :
MSVOA_X
ClientSampleId :

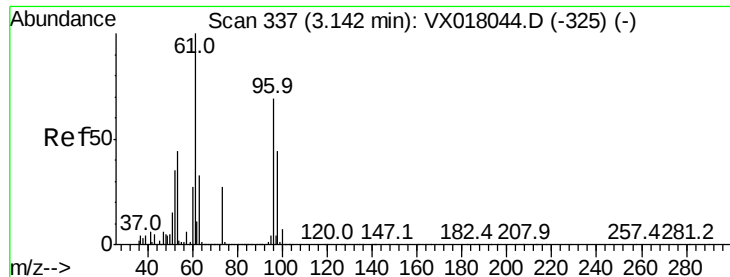
Tot Ion: 73 Resp: 258014
Ion Ratio Lower Upper
73 100
57 22.1 16.8 25.2



#20
Methylene Chloride
Concen: 17.785 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

Tgt Ion: 84 Resp: 80571
Ion Ratio Lower Upper
84 100
49 120.1 98.6 148.0
51 39.5 29.6 44.4
86 60.9 49.8 74.6





#21

trans-1,2-Dichloroethene

Concen: 17.379 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

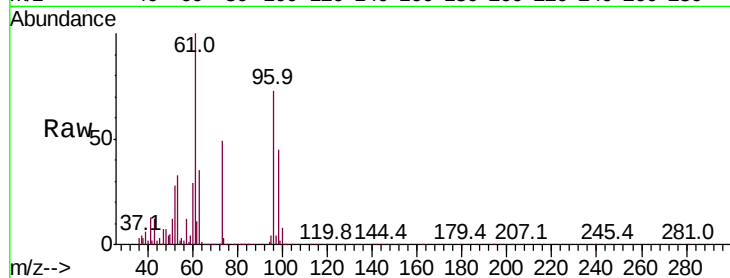
Tot Ion: 96 Resp: 73939

Ion Ratio Lower Upper

96 100

61 136.6 115.4 173.0

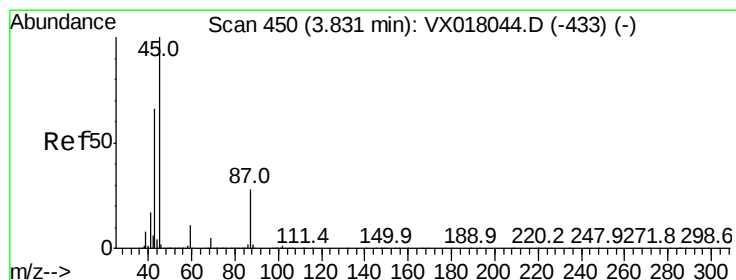
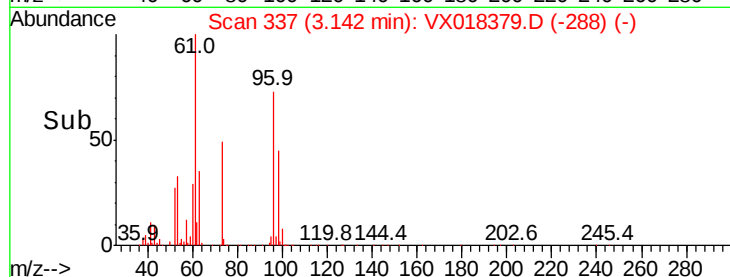
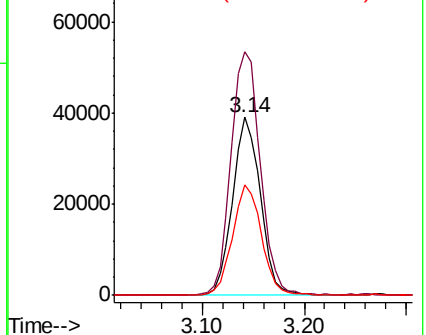
98 62.1 51.1 76.7



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.751 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Tgt Ion: 45 Resp: 255339

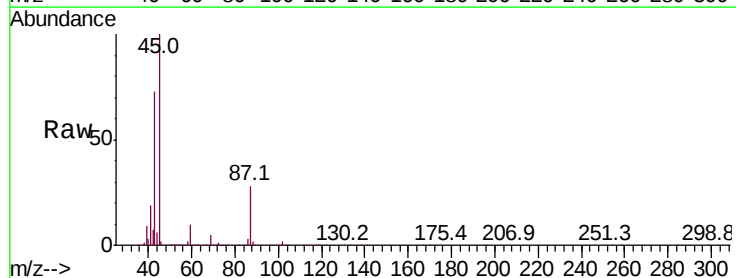
Ion Ratio Lower Upper

45 100

43 73.0 52.8 79.2

87 27.4 22.5 33.7

59 9.8 9.0 13.6

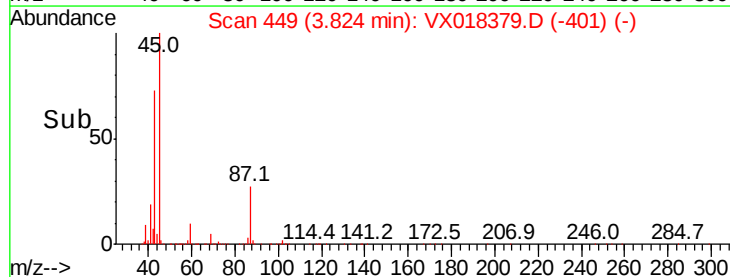
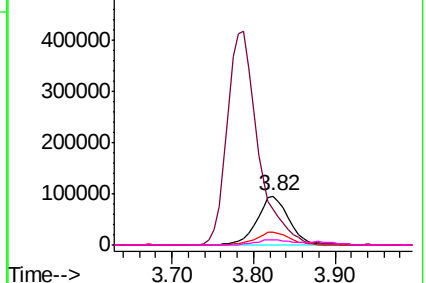


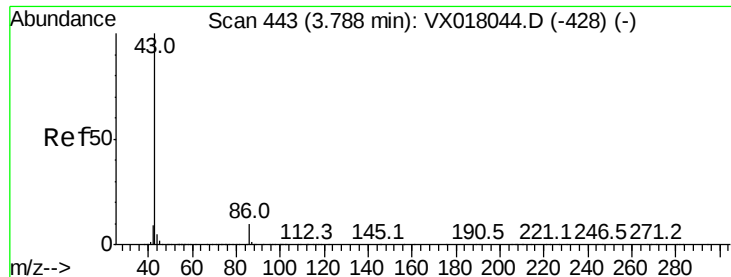
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 90.101 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

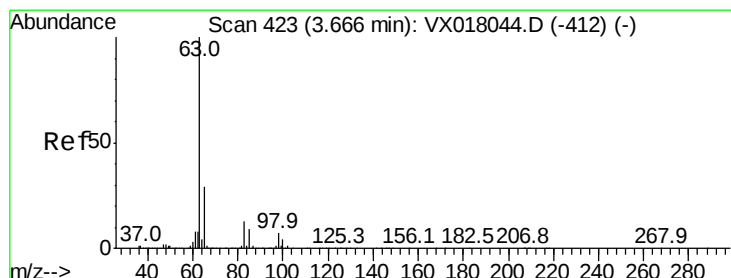
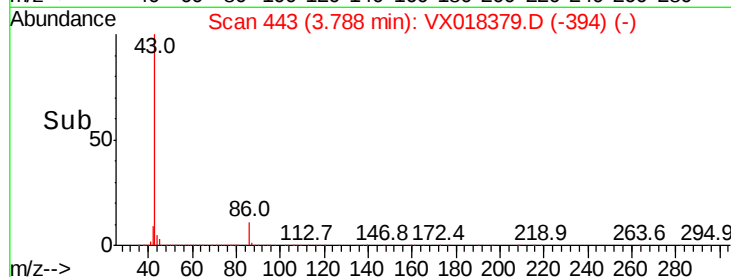
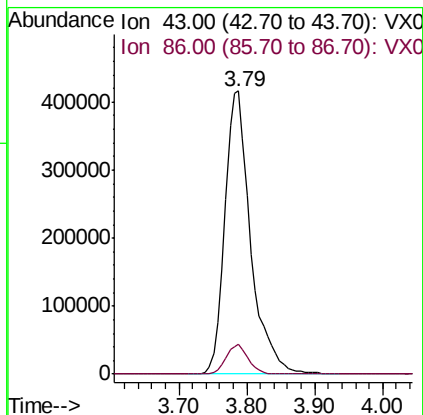
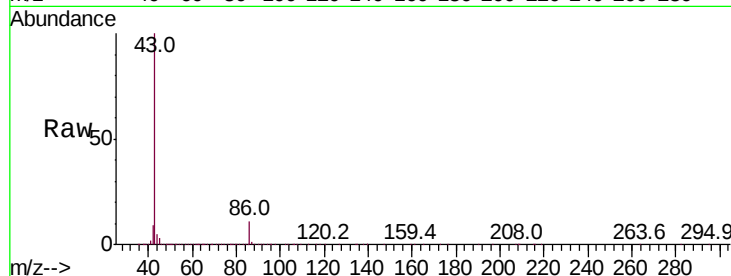
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1091725

Ion Ratio Lower Upper

43 100

86 10.5 7.9 11.9



#24

1,1-Dichloroethane

Concen: 18.442 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

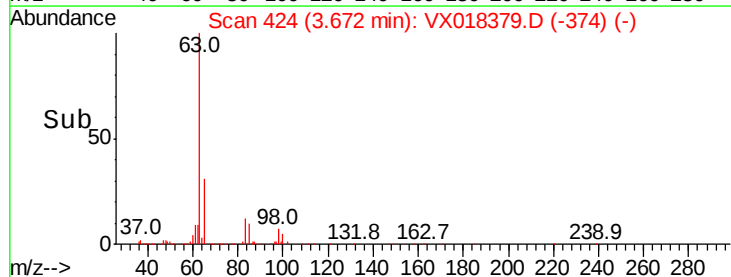
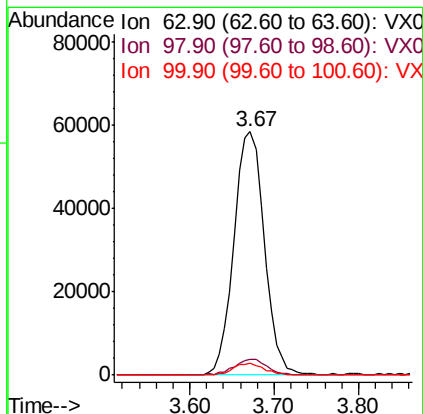
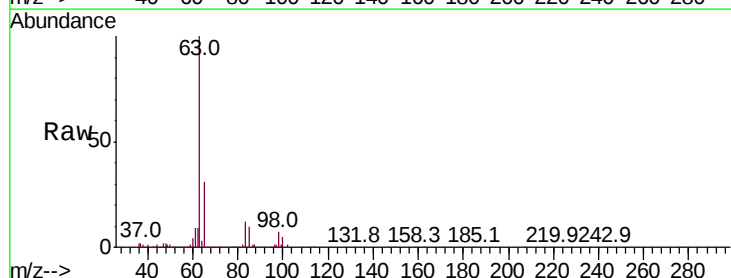
Tgt Ion: 63 Resp: 142951

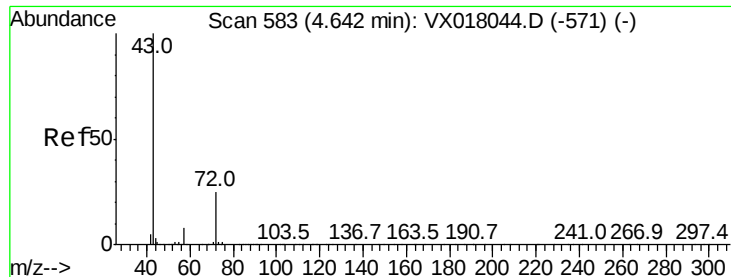
Ion Ratio Lower Upper

63 100

98 6.5 3.6 10.8

100 5.0 2.0 6.0





#25

2-Butanone

Concen: 85.159 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

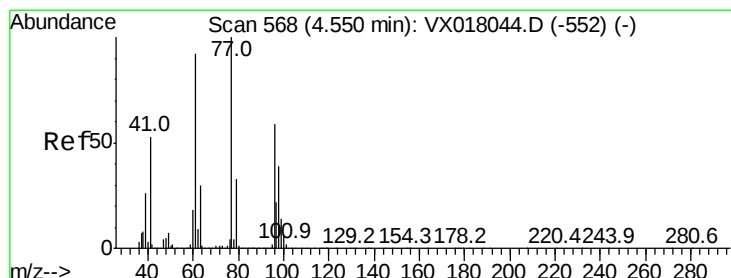
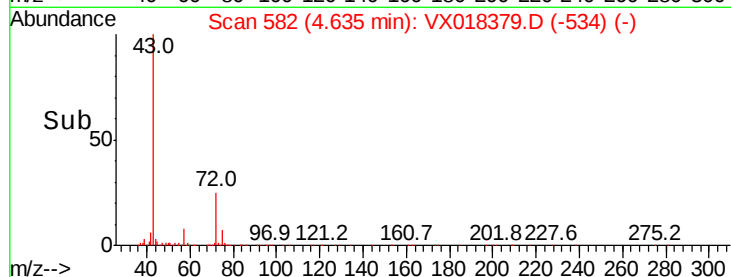
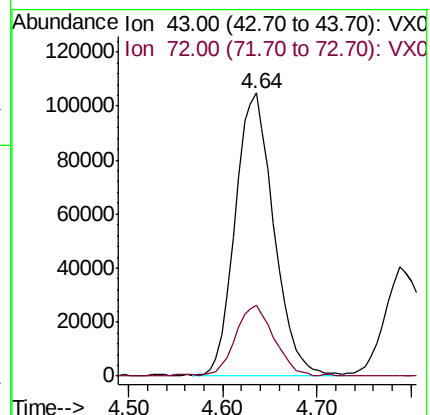
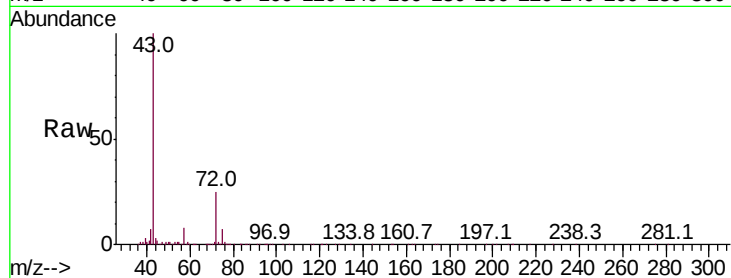
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 297501

Ion Ratio Lower Upper

43 100

72 24.7 19.8 29.6



#26

2,2-Dichloropropane

Concen: 21.645 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX018379.D

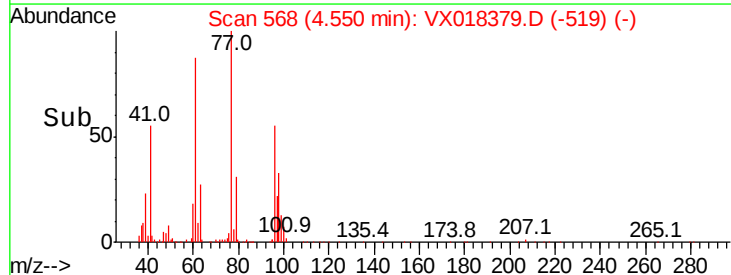
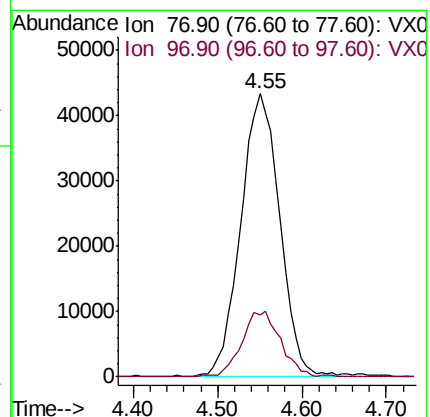
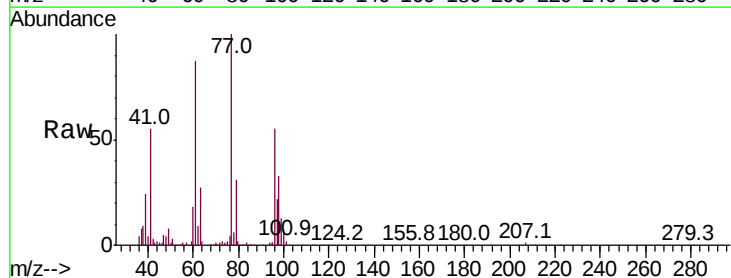
Acq: 14 Sep 2020 12:48

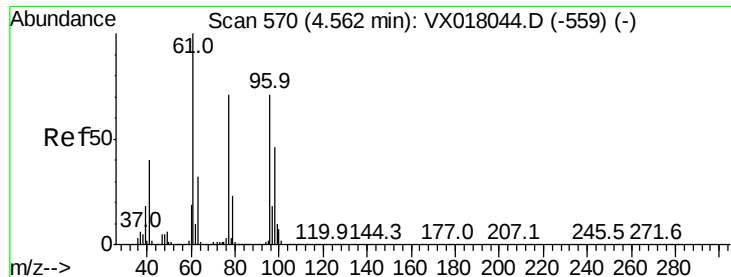
Tgt Ion: 77 Resp: 136511

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.5



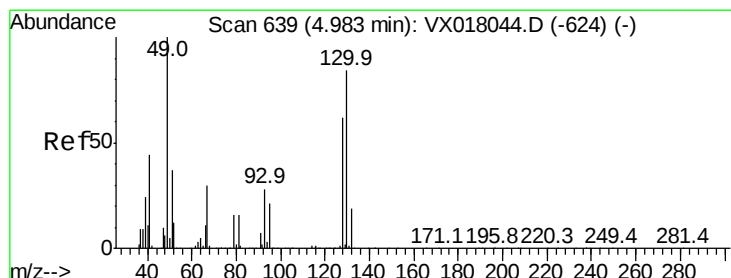
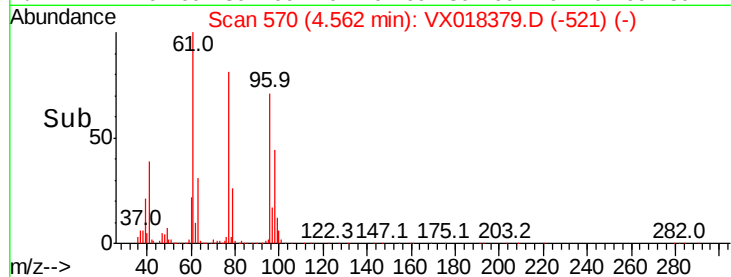
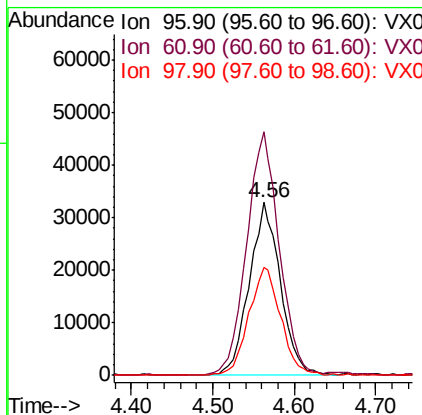
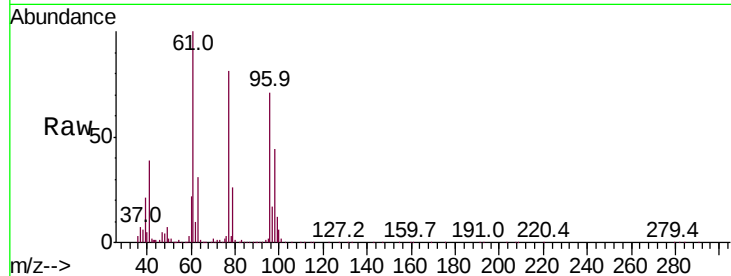


#27

cis-1,2-Dichloroethene
 Concen: 17.895 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018379.D
 Acq: 14 Sep 2020 12:48

Instrument :
 MSVOA_X
 ClientSampleId :

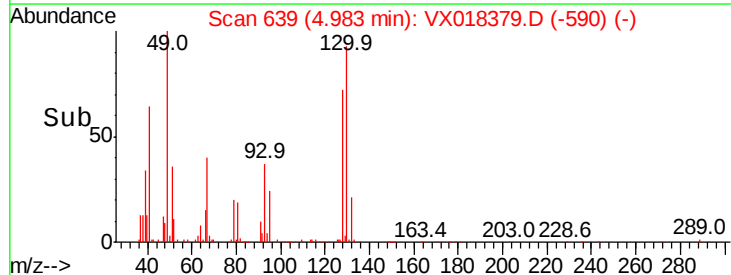
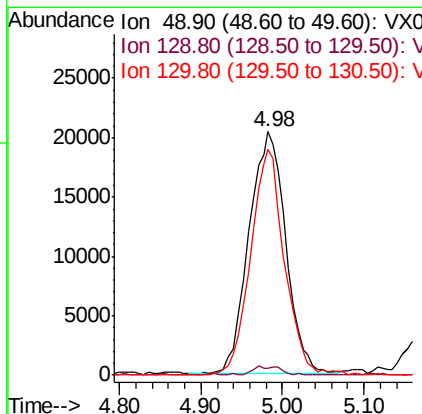
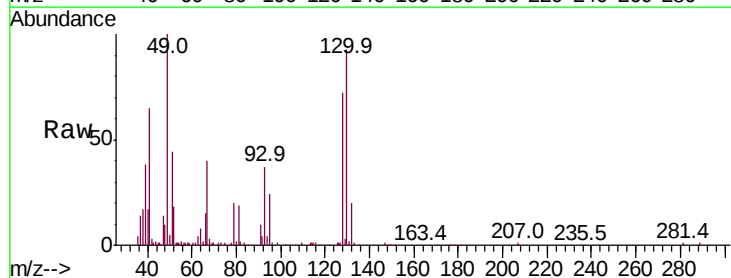
Tot Ion	Ratio	Lower	Upper
96	100		
61	147.0	0.0	296.6
98	63.8	0.0	130.2

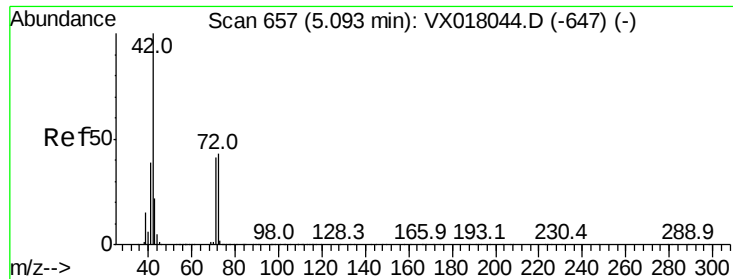


#28

Bromochloromethane
 Concen: 17.054 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. -0.00 min
 Lab File: VX018379.D
 Acq: 14 Sep 2020 12:48

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.2	0.0	4.6
130	86.2	64.6	96.8

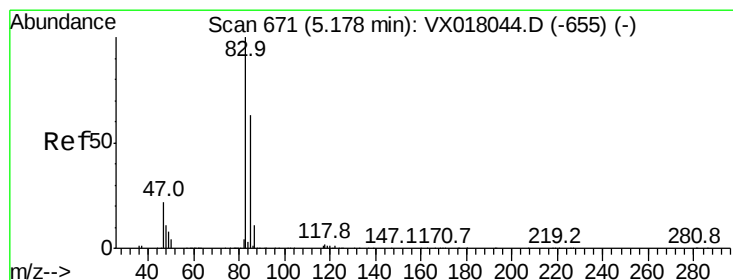
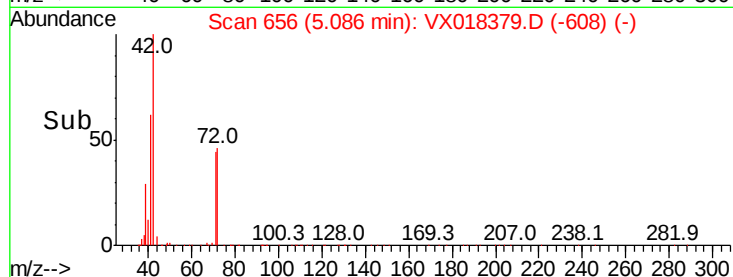
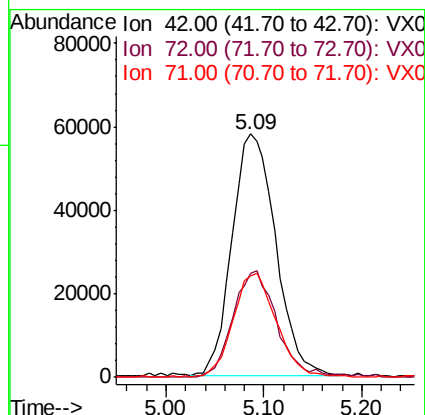
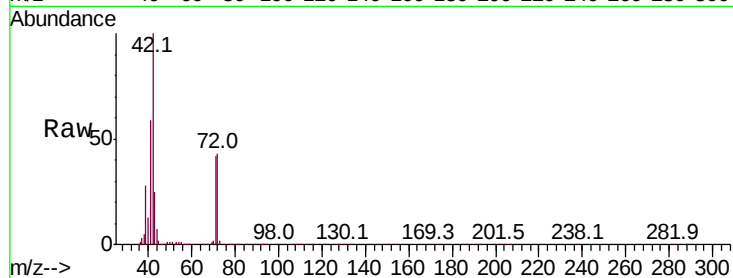




#29
Tetrahydrofuran
Concen: 80.866 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

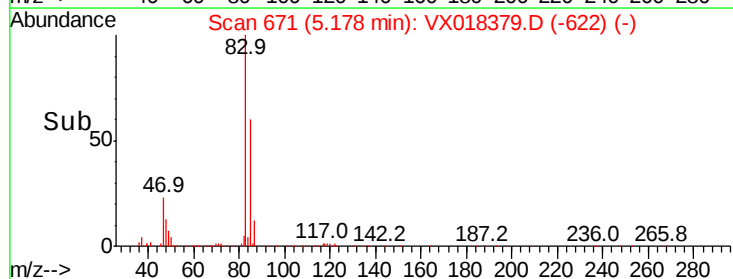
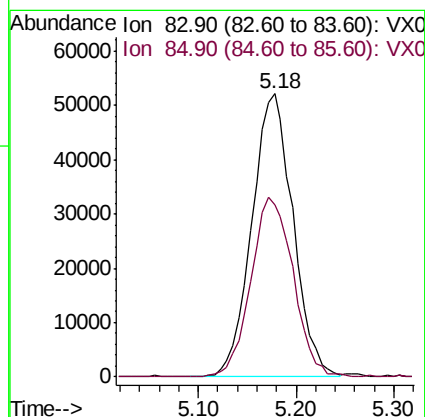
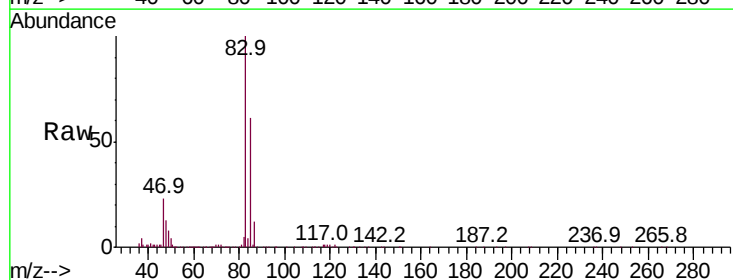
Instrument :
MSVOA_X
ClientSampleId :

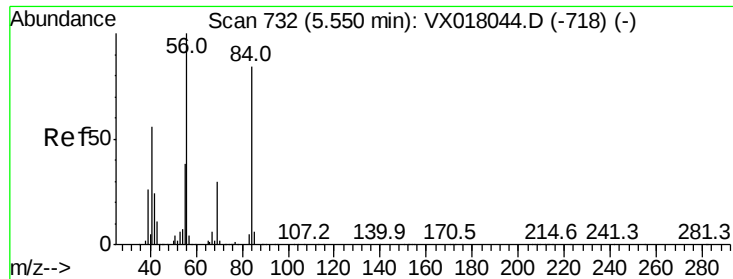
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.6	34.2	51.4
71	42.6	32.1	48.1



#30
Chloroform
Concen: 18.981 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.6	50.7	76.1

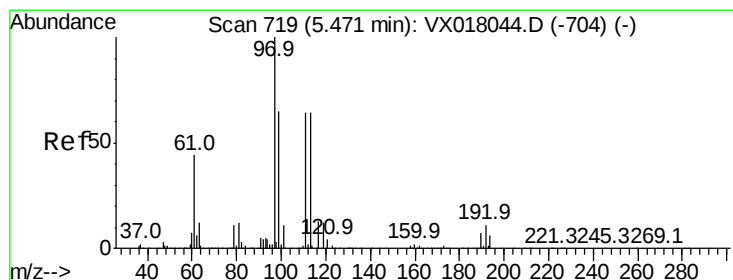
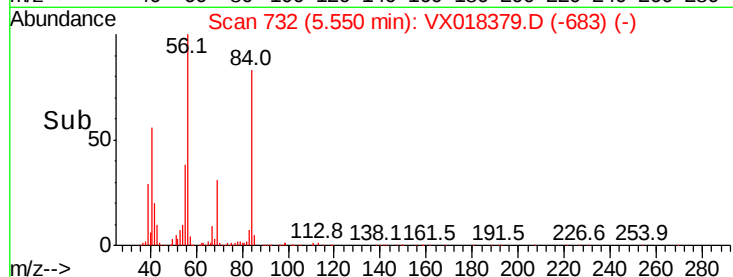
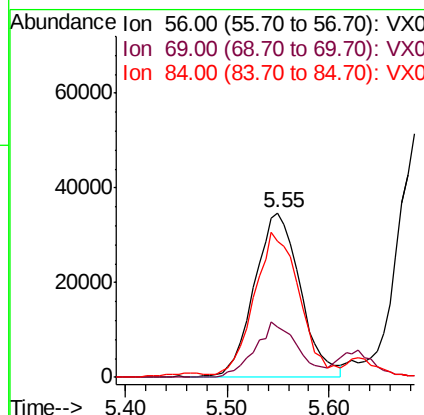
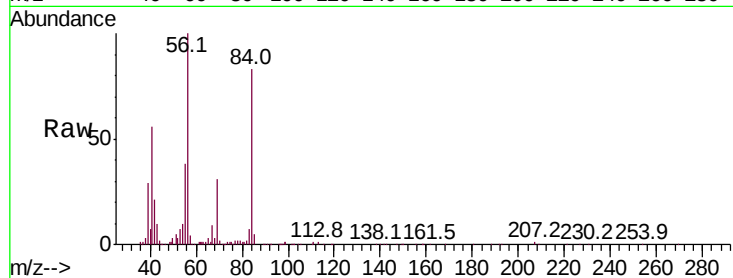




#31
Cyclohexane
Concen: 16.557 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

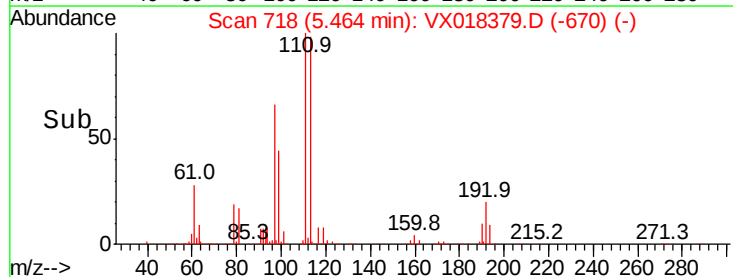
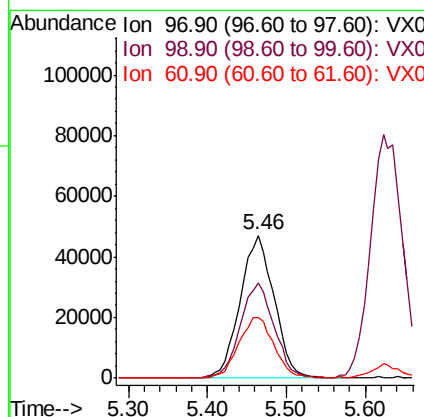
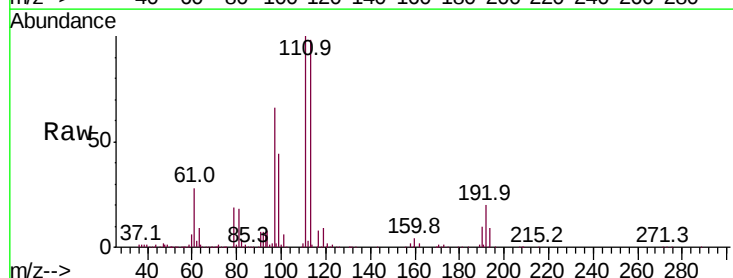
Instrument :
MSVOA_X
ClientSampleId :

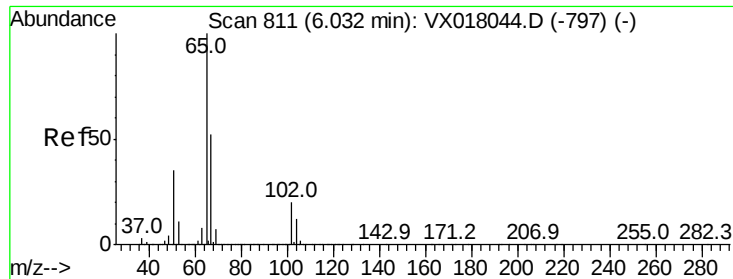
Tot Ion: 56 Resp: 108112
Ion Ratio Lower Upper
56 100
69 30.5 23.9 35.9
84 80.4 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 19.119 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

Tgt Ion: 97 Resp: 140827
Ion Ratio Lower Upper
97 100
99 66.6 51.4 77.0
61 44.2 34.2 51.4





#33

1,2-Dichloroethane-d4

Concen: 48.410 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

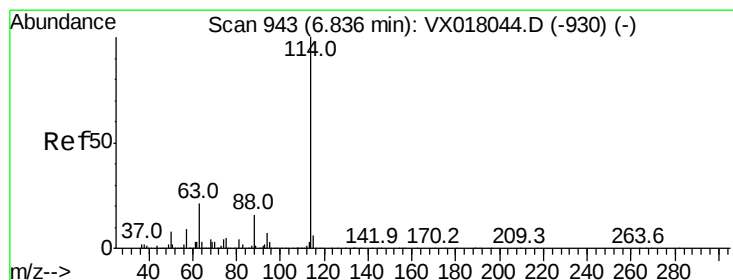
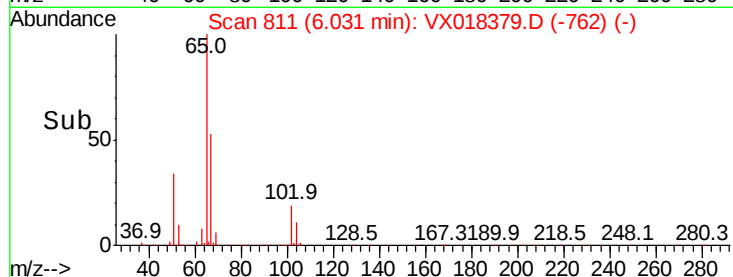
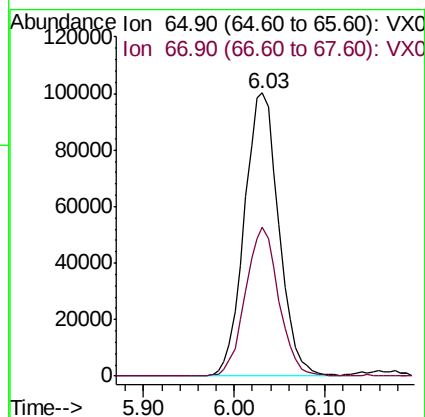
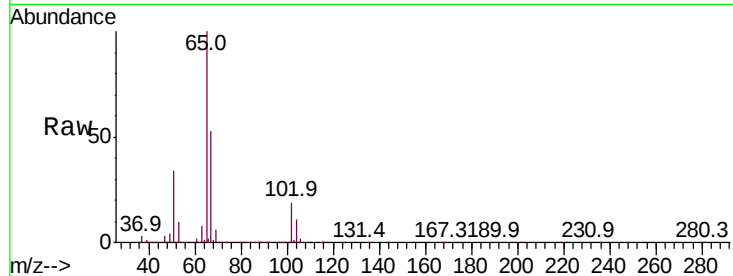
ClientSampleId :

Tot Ion: 65 Resp: 264089

Ion Ratio Lower Upper

65 100

67 50.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

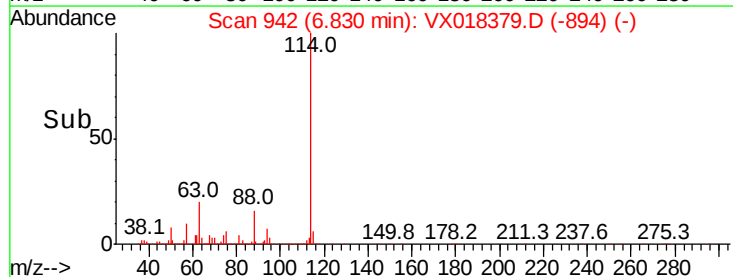
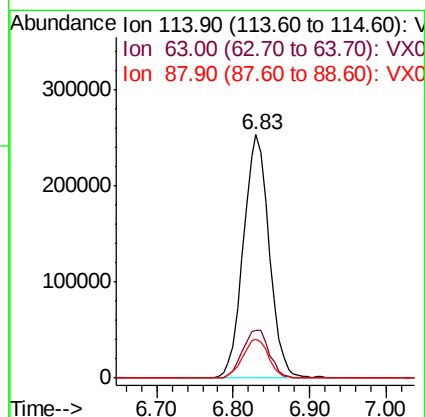
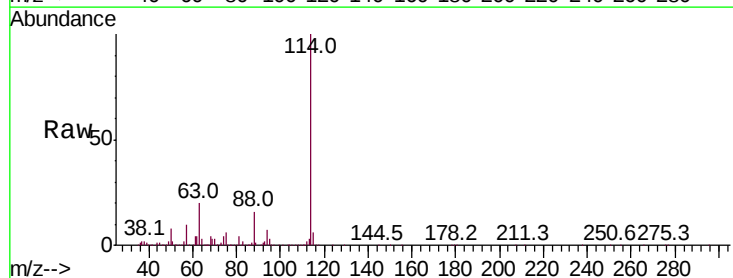
Tgt Ion: 114 Resp: 591362

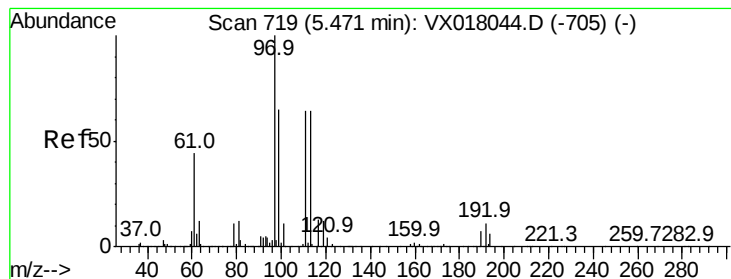
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 16.1 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.189 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

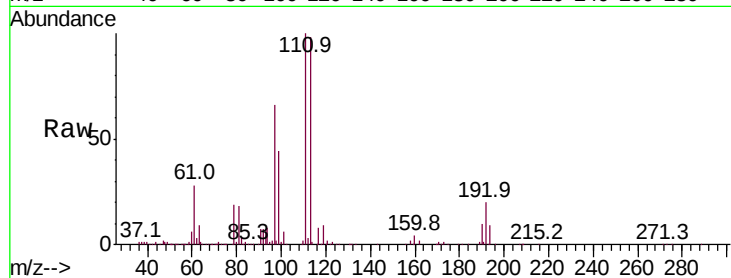
Tot Ion:113 Resp: 202133

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

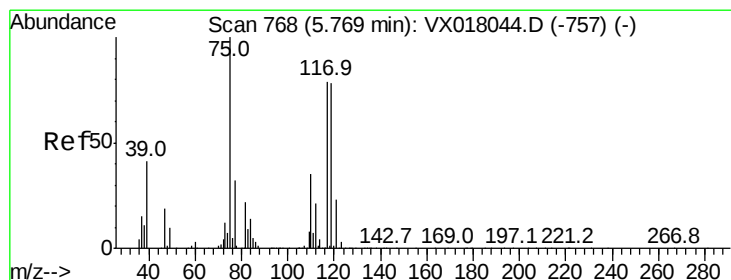
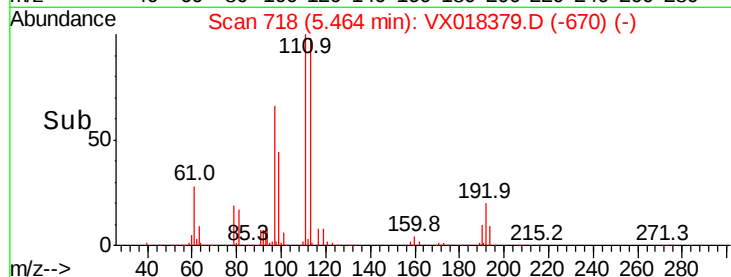
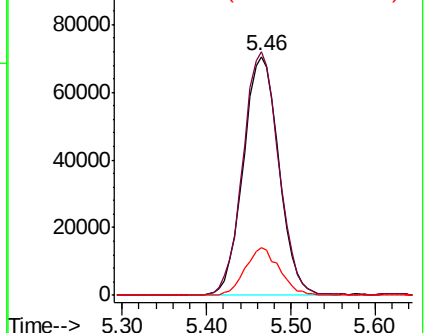
192 19.3 15.8 23.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.287 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

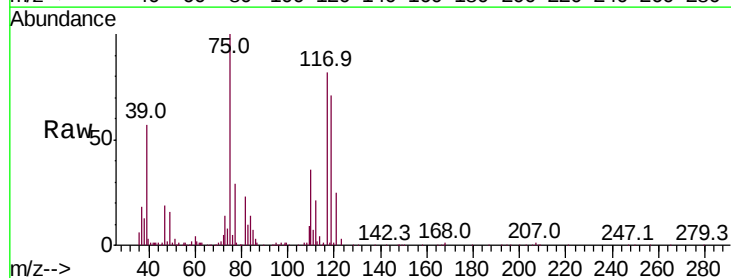
Tgt Ion: 75 Resp: 105199

Ion Ratio Lower Upper

75 100

110 35.5 18.0 54.0

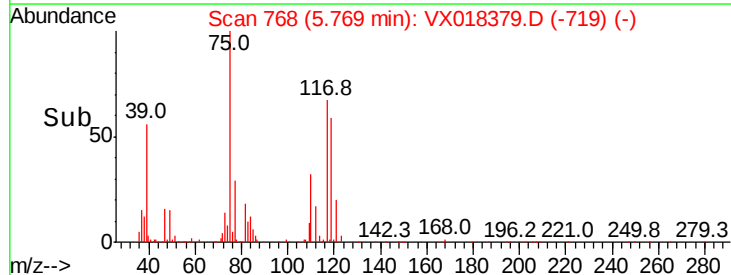
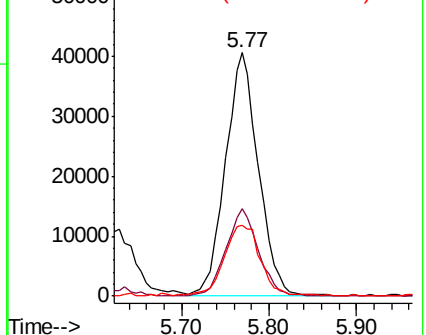
77 32.6 24.4 36.6

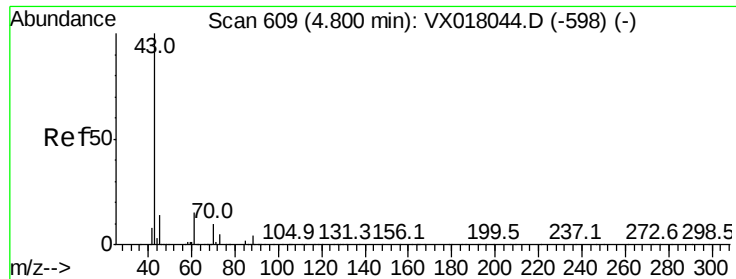


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

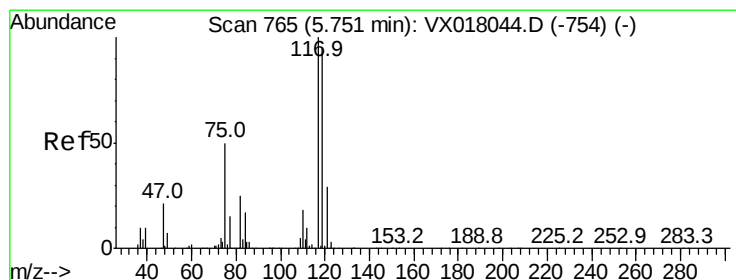
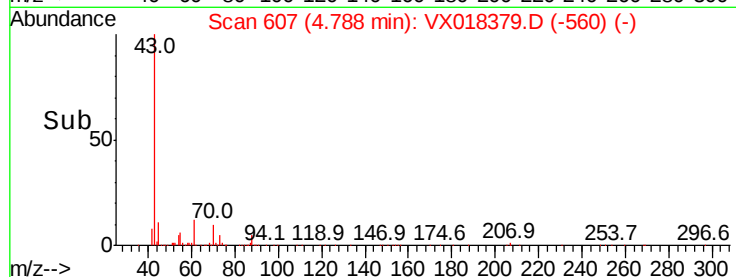
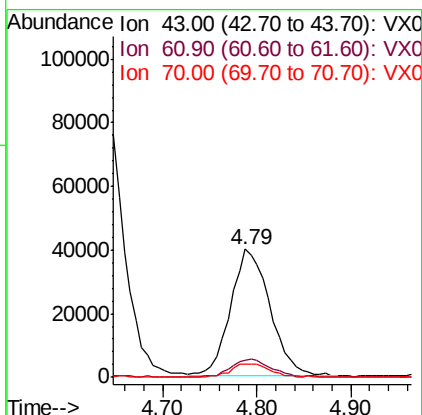
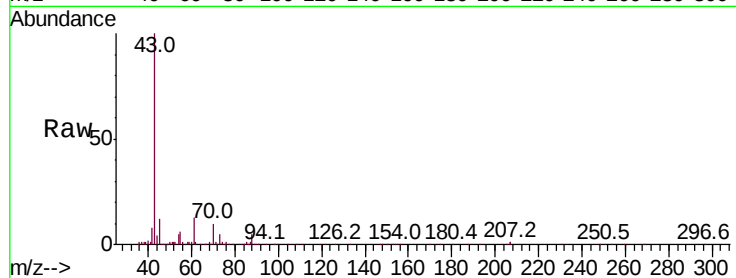




#37
Ethyl Acetate
Concen: 18.536 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

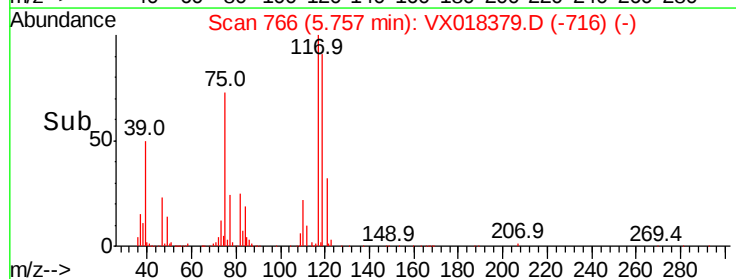
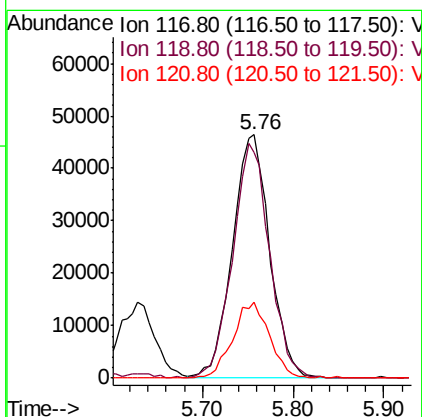
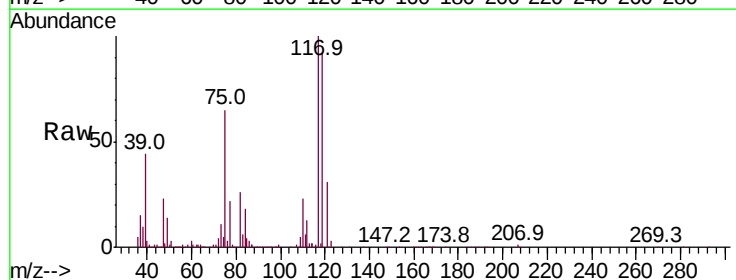
Instrument :
MSVOA_X
ClientSampleId :

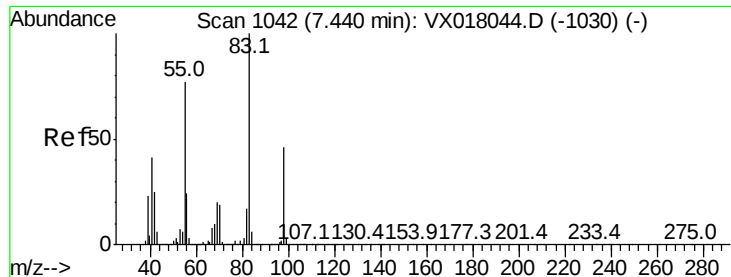
Tot Ion: 43 Resp: 117424
Ion Ratio Lower Upper
43 100
61 13.7 11.3 16.9
70 11.2 8.2 12.4



#38
Carbon Tetrachloride
Concen: 21.470 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

Tgt Ion: 117 Resp: 131972
Ion Ratio Lower Upper
117 100
119 92.6 75.8 113.6
121 30.9 23.4 35.0

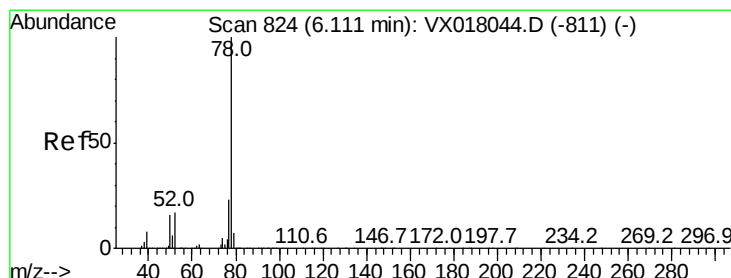
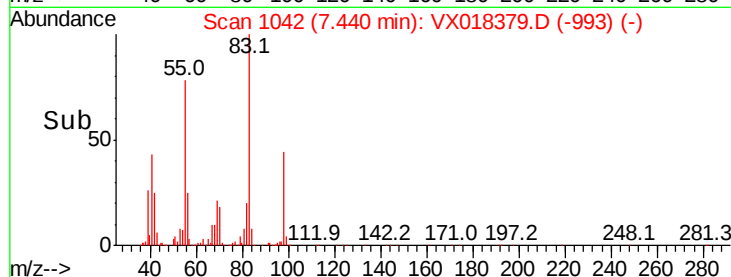
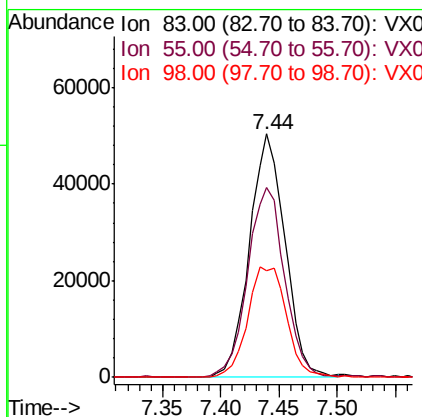
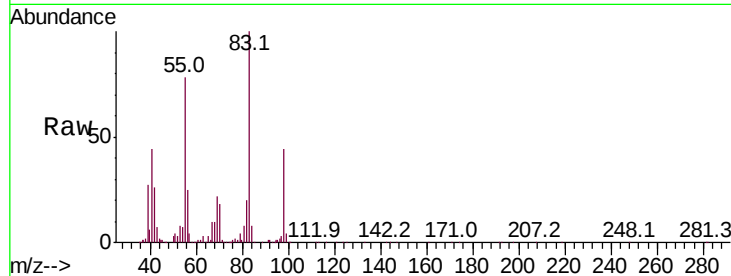




#39
Methvlcvclohexane
Concen: 17.871 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

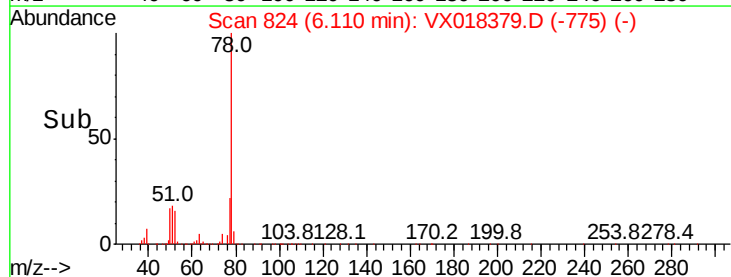
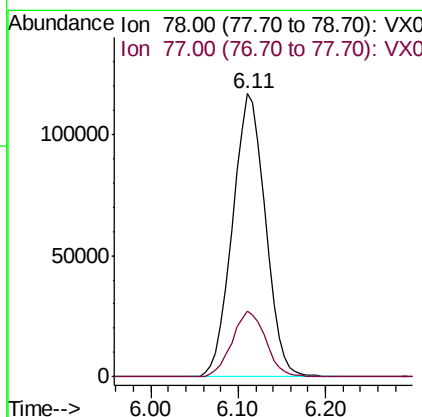
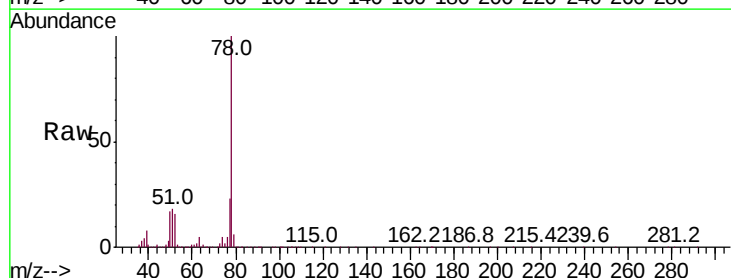
Instrument :
MSVOA_X
ClientSampleId :

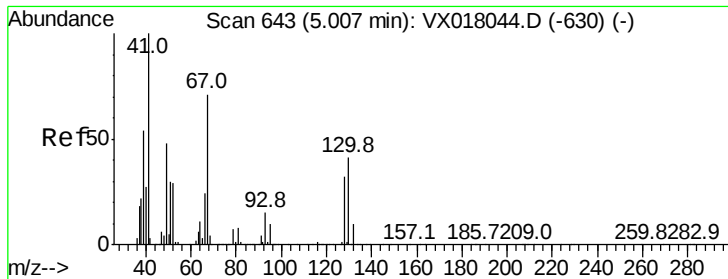
Tot Ion: 83 Resp: 106585
Ion Ratio Lower Upper
83 100
55 77.8 61.8 92.6
98 43.8 36.6 55.0



#40
Benzene
Concen: 19.048 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

Tgt Ion: 78 Resp: 305279
Ion Ratio Lower Upper
78 100
77 22.9 18.2 27.2





#41

Methacrylonitrile

Concen: 18.085 ug/l

RT: 5.01 min Scan# 643

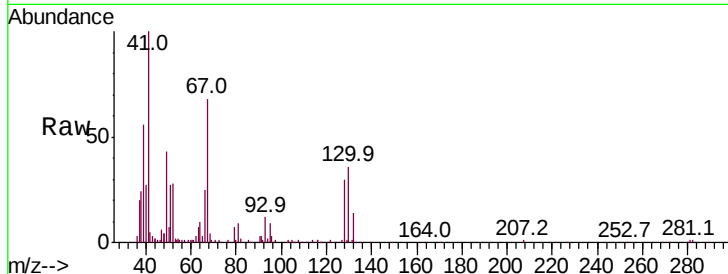
Delta R.T. -0.00 min

Lab File: VX018379.D

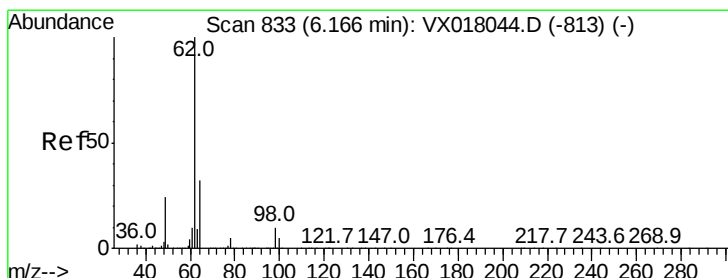
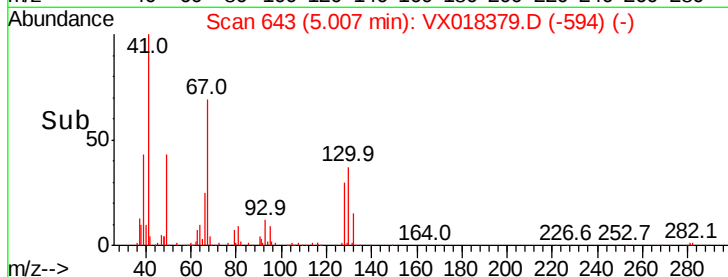
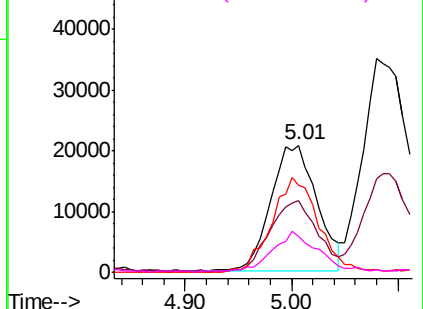
Acq: 14 Sep 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:	41	Resp:	62905
Ion	Ratio	Lower	Upper
41	100		
39	58.6	43.1	64.7
67	75.5	56.0	84.0
52	30.9	22.7	34.1



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



#42

1,2-Dichloroethane

Concen: 21.204 ug/l

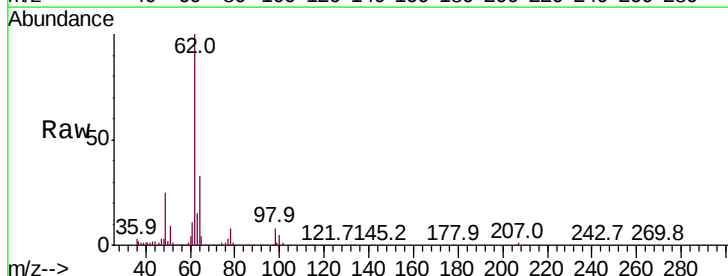
RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

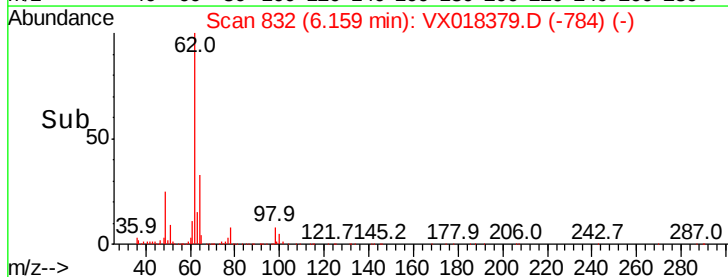
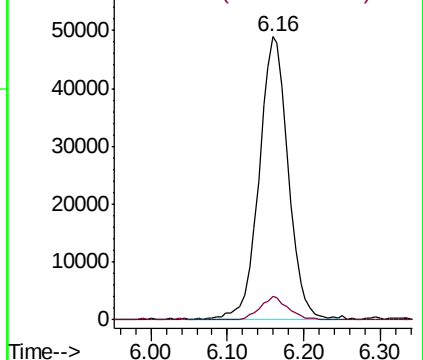
Lab File: VX018379.D

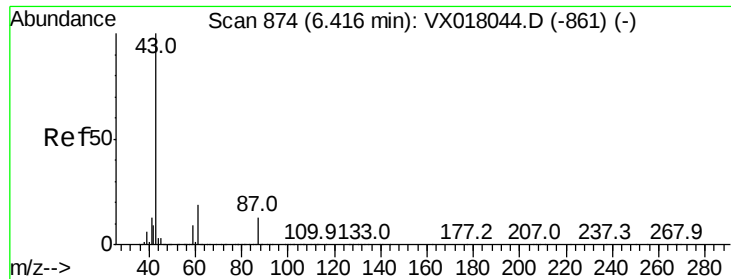
Acq: 14 Sep 2020 12:48

Tgt Ion:	62	Resp:	130206
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	18.2



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



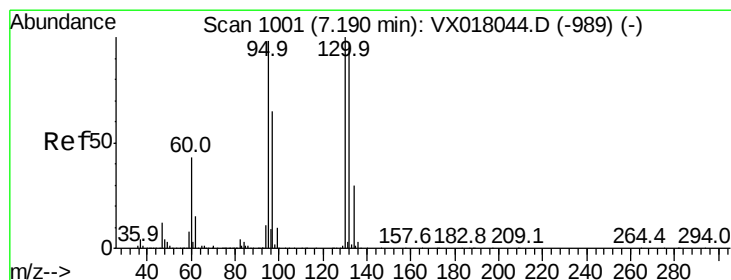
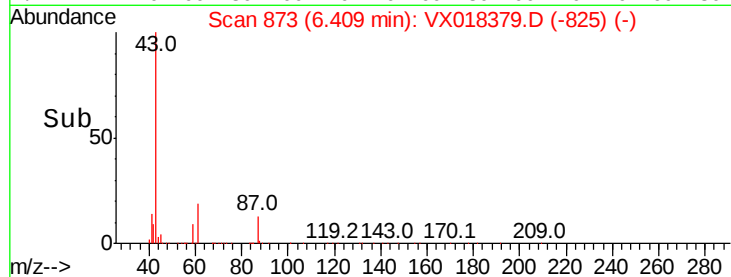
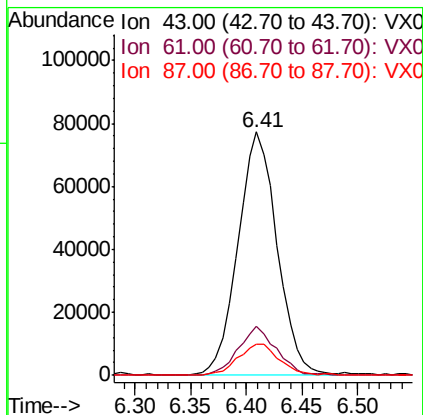
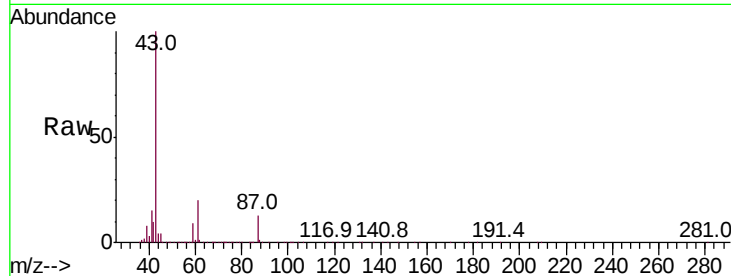


#43

Isopropyl Acetate
 Concen: 18.517 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.01 min
 Lab File: VX018379.D
 Acq: 14 Sep 2020 12:48

Instrument :
 MSVOA_X
 ClientSampled :

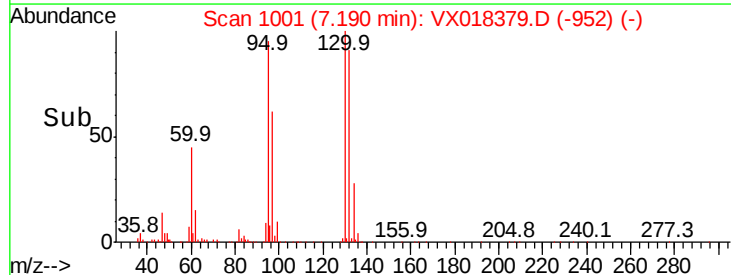
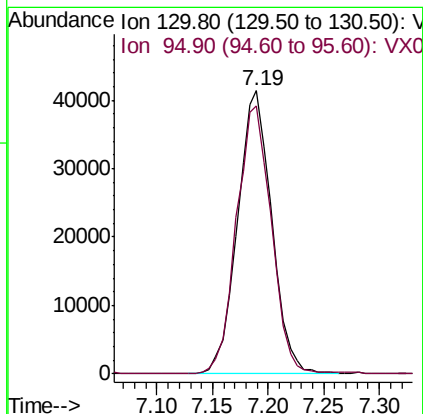
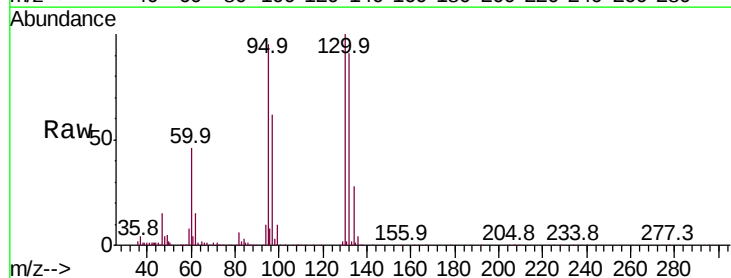
Tot Ion	43	Resp	189463
Ion Ratio	Lower	Upper	
43	100		
61	19.6	15.7	23.5
87	13.3	10.3	15.5

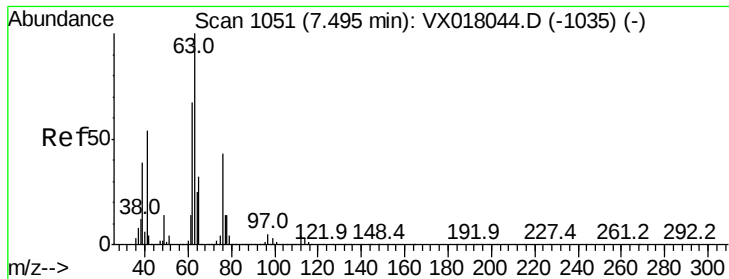


#44

Trichloroethene
 Concen: 19.470 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX018379.D
 Acq: 14 Sep 2020 12:48

Tgt Ion	130	Resp	88171
Ion Ratio	Lower	Upper	
130	100		
95	94.5	0.0	196.4





#45

1,2-Dichloropropane

Concen: 19.364 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

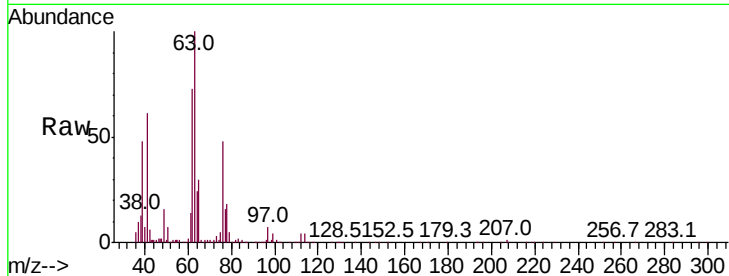
ClientSampleId :

Tot Ion: 63 Resp: 83645

Ion Ratio Lower Upper

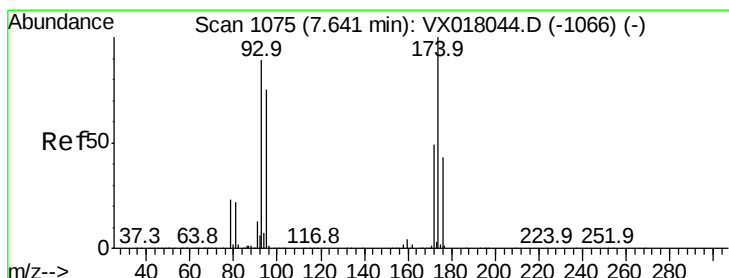
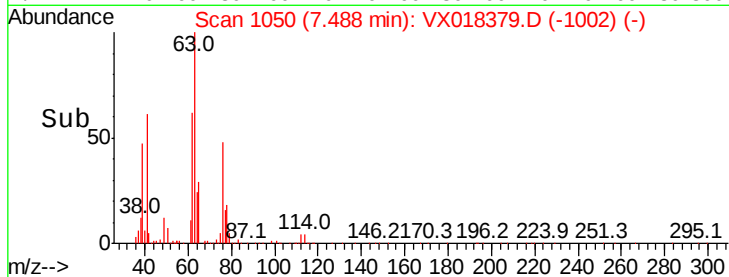
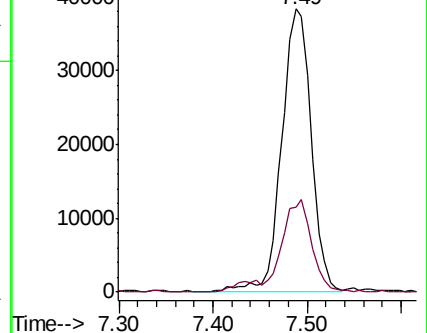
63 100

65 29.8 25.7 38.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.374 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

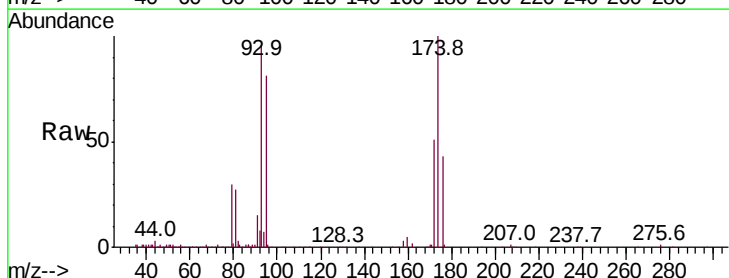
Tgt Ion: 93 Resp: 58852

Ion Ratio Lower Upper

93 100

95 84.5 67.3 100.9

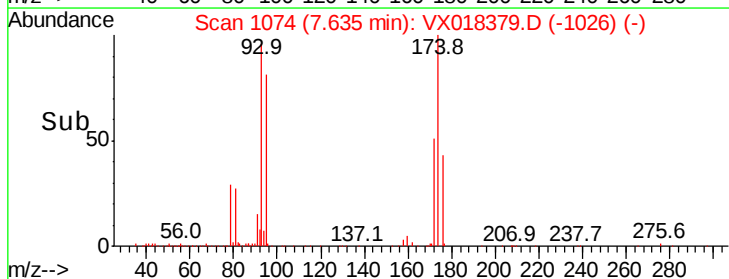
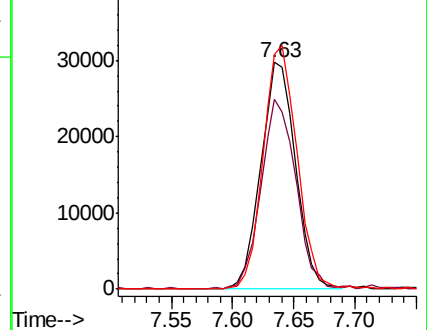
174 105.2 82.2 123.2

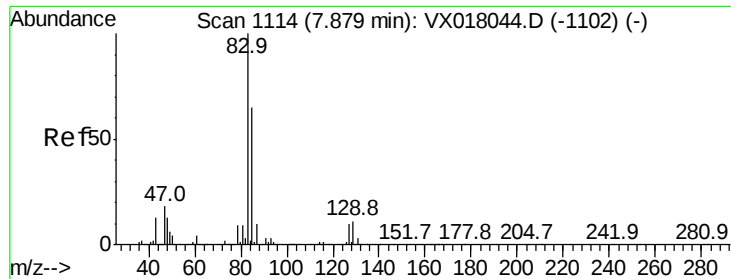


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.658 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

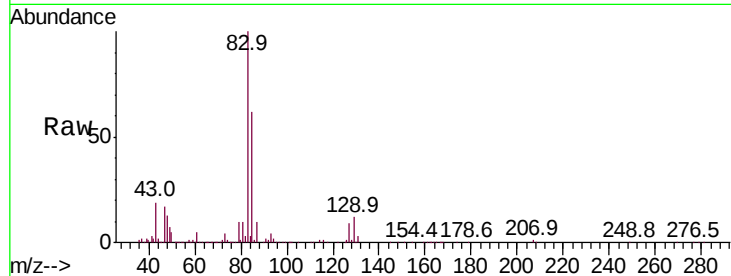
Tot Ion: 83 Resp: 125295

Ion Ratio Lower Upper

83 100

85 62.2 51.8 77.6

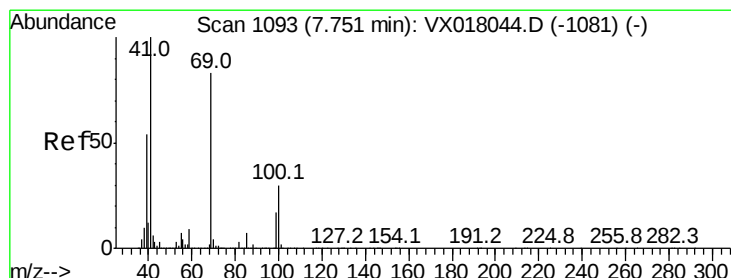
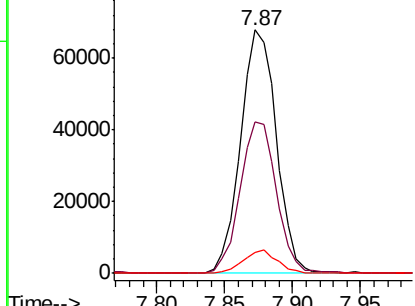
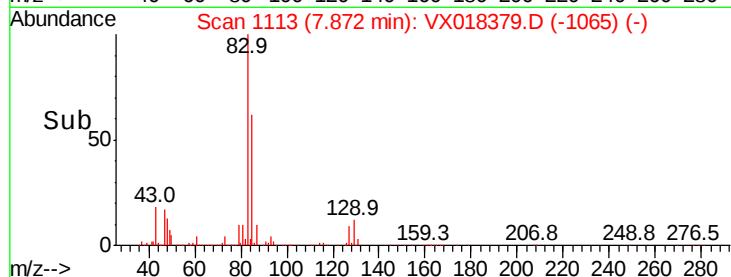
127 8.8 7.7 11.5



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: 17.807 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

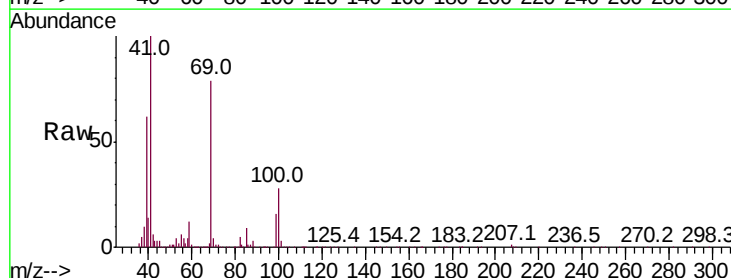
Tgt Ion: 41 Resp: 90702

Ion Ratio Lower Upper

41 100

69 81.9 65.5 98.3

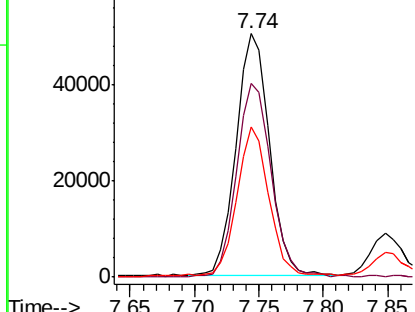
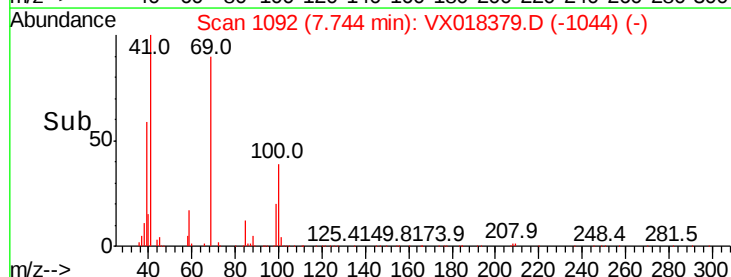
39 58.0 44.5 66.7

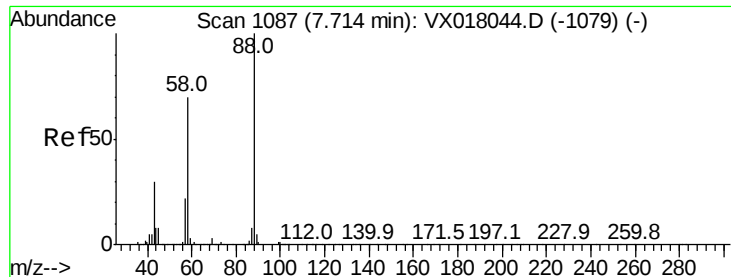


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 315.368 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

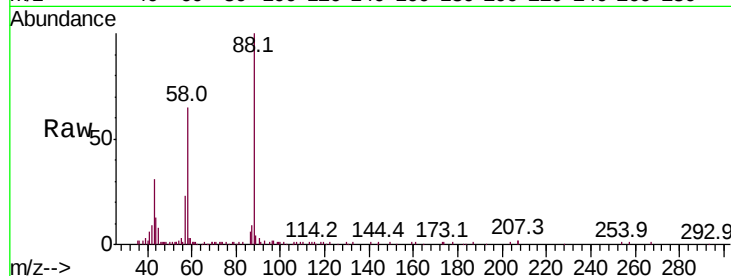
Tot Ion: 88 Resp: 29098

Ion Ratio Lower Upper

88 100

43 37.4 27.4 41.0

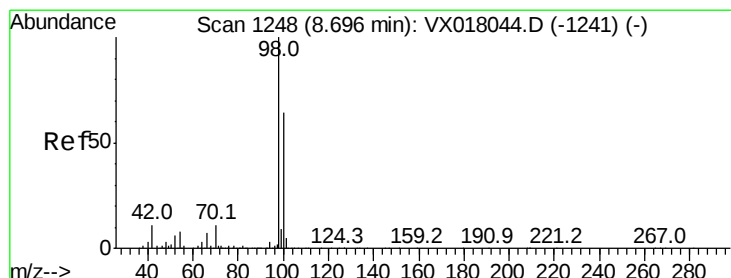
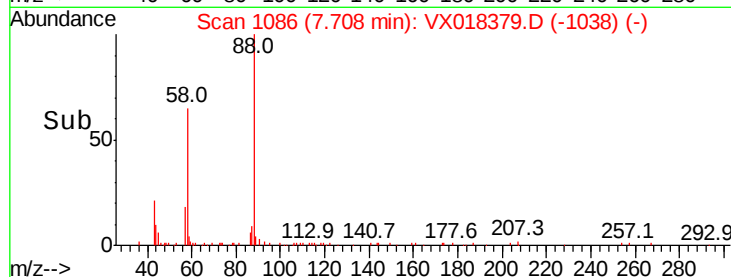
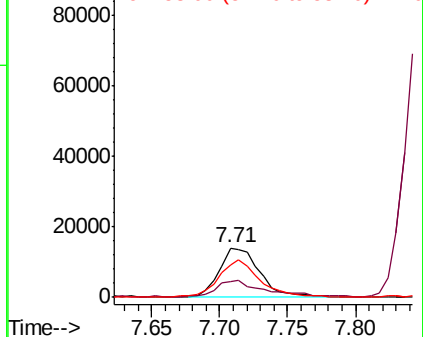
58 77.8 56.4 84.6



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 45.673 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018379.D

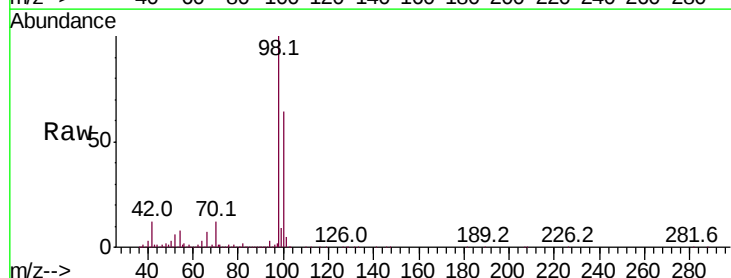
Acq: 14 Sep 2020 12:48

Tgt Ion: 98 Resp: 685118

Ion Ratio Lower Upper

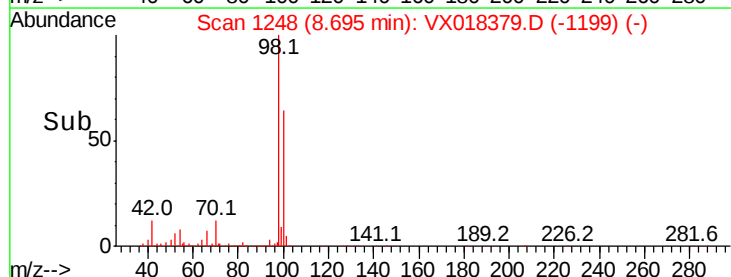
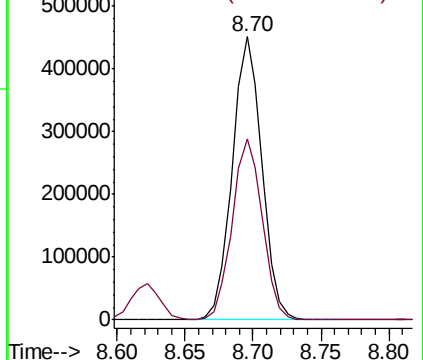
98 100

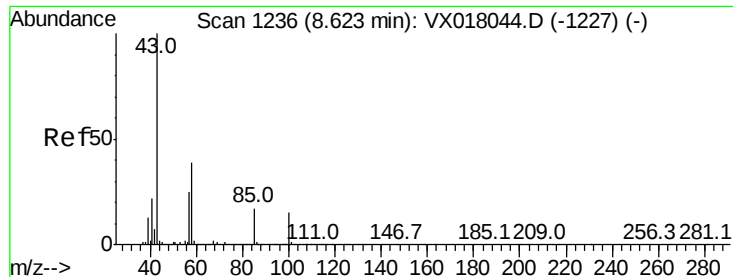
100 64.9 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 93.413 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

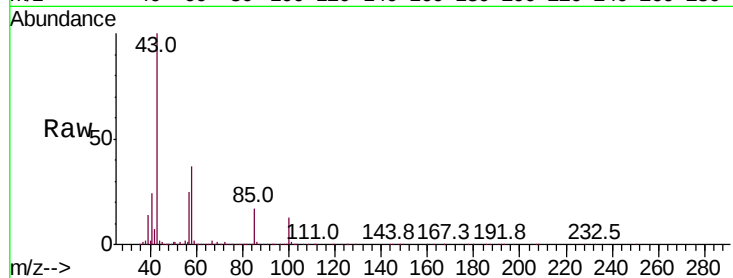
ClientSampleId :

Tot Ion: 43 Resp: 590418

Ion Ratio Lower Upper

43 100

58 38.1 30.7 46.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.62

400000

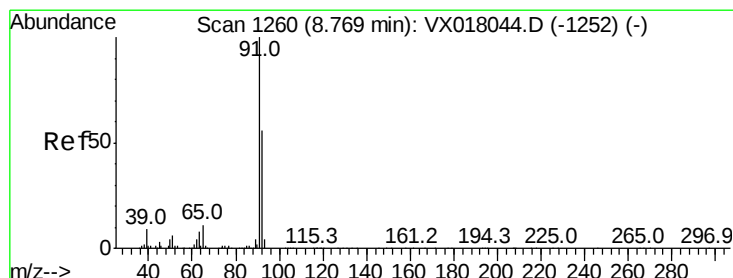
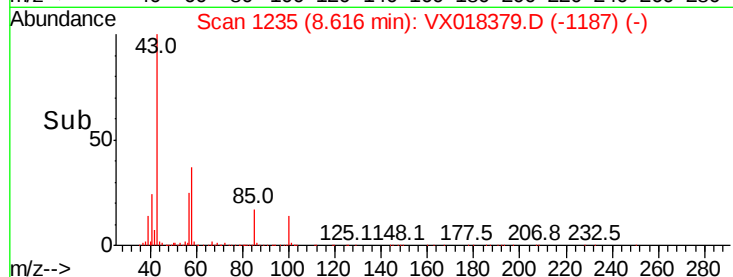
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 19.307 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018379.D

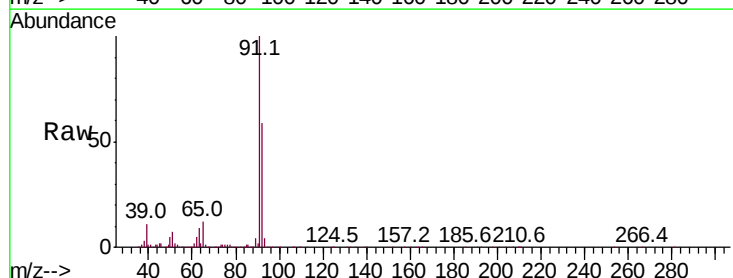
Acq: 14 Sep 2020 12:48

Tgt Ion: 92 Resp: 196216

Ion Ratio Lower Upper

92 100

91 169.5 140.3 210.5



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

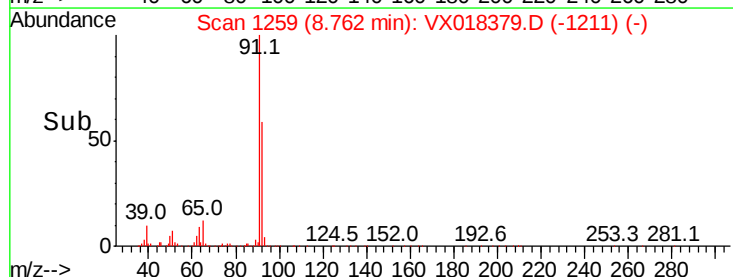
150000

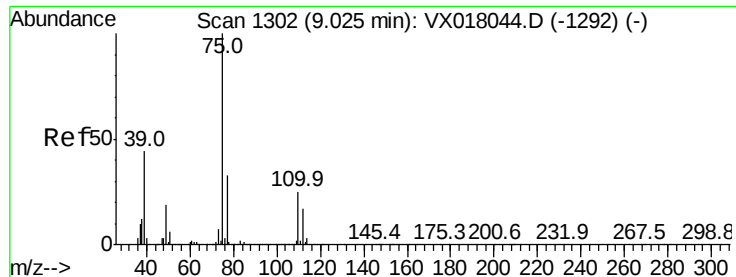
100000

50000

0

Time-->

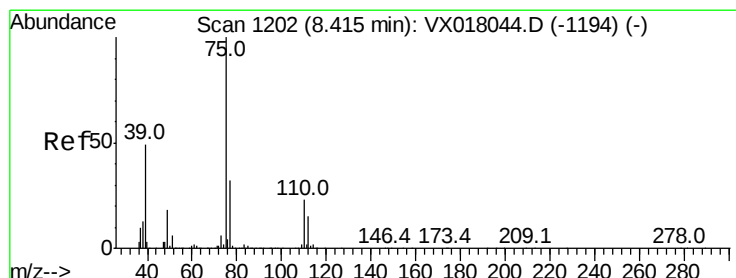
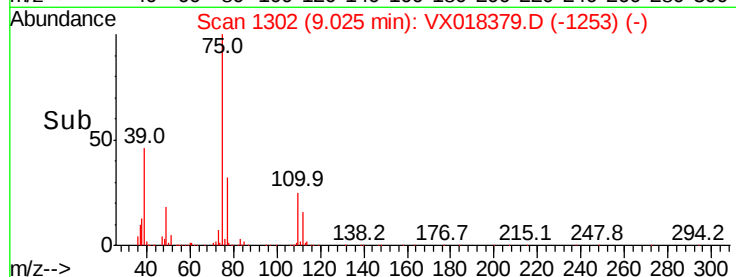
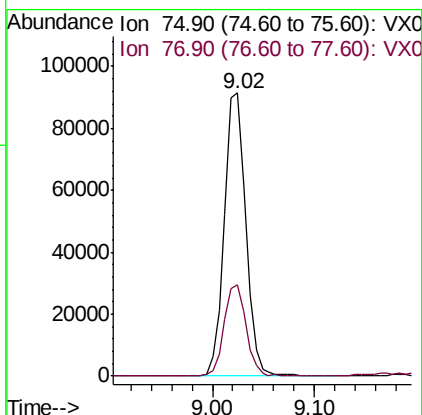
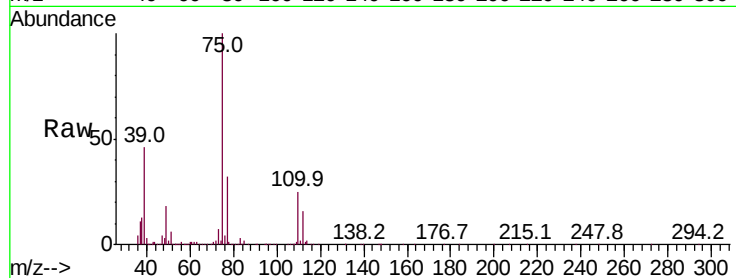




#53
 t-1,3-Dichloropropene
 Concen: 19.908 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX018379.D
 Acq: 14 Sep 2020 12:48

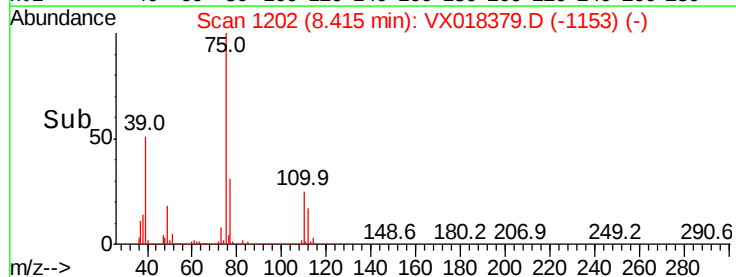
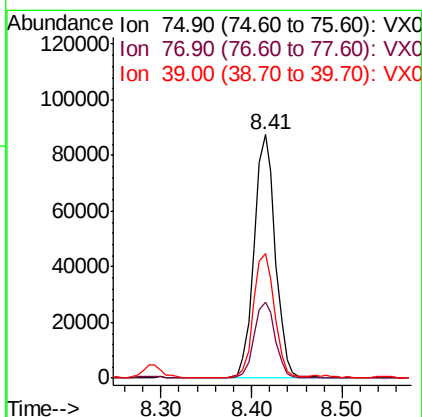
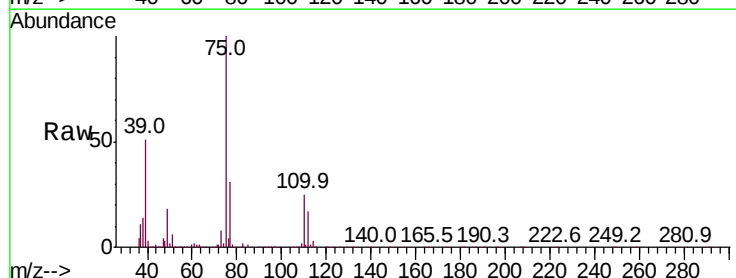
Instrument :
 MSVOA_X
 ClientSampled :

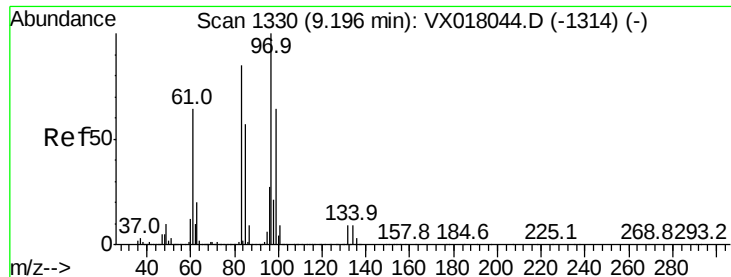
Tot Ion: 75 Resp: 133824
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.6 39.8



#54
 cis-1,3-Dichloropropene
 Concen: 19.925 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX018379.D
 Acq: 14 Sep 2020 12:48

Tgt Ion: 75 Resp: 141884
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.8
 39 51.0 38.8 58.2





#55

1,1,2-Trichloroethane

Concen: 19.836 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 97 Resp: 85976

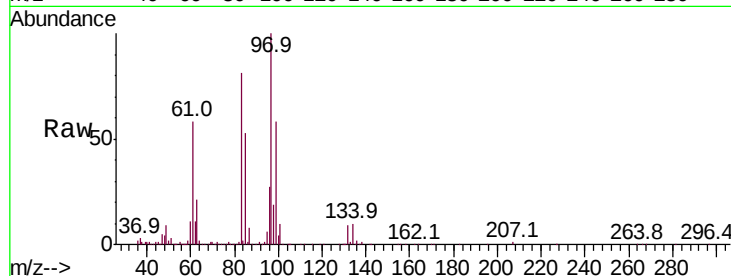
Ion	Ratio	Lower	Upper
97	100		
83	81.1	67.8	101.6
85	52.8	45.3	67.9
99	57.9	50.9	76.3

97 100

83 81.1 67.8 101.6

85 52.8 45.3 67.9

99 57.9 50.9 76.3



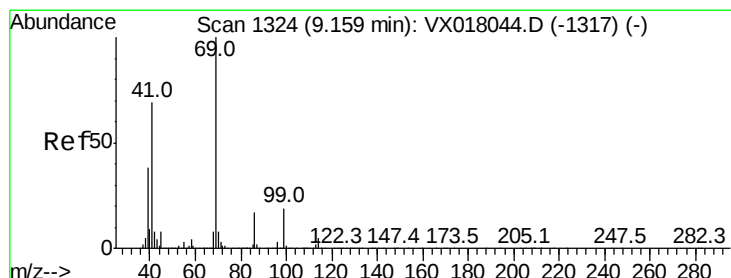
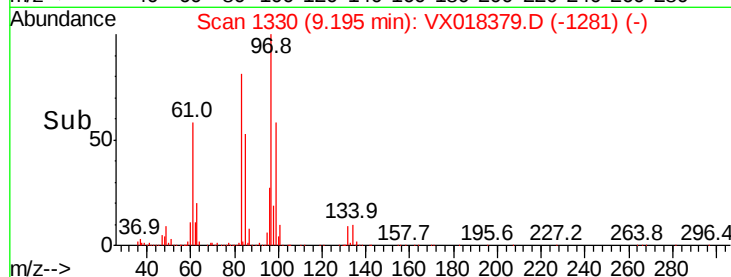
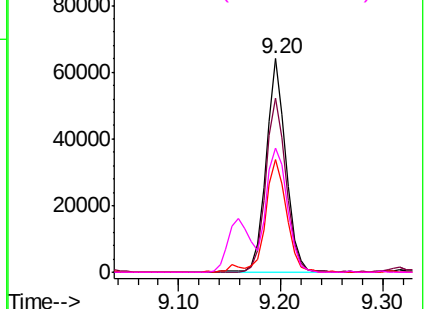
Abundance

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: 18.235 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

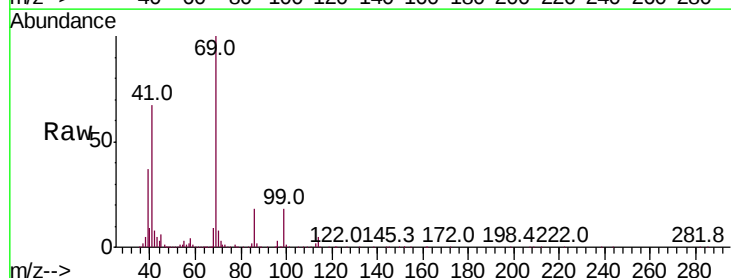
Tgt Ion: 69 Resp: 117496

Ion	Ratio	Lower	Upper
69	100		
41	69.1	54.6	81.8
39	37.1	29.1	43.7

69 100

41 69.1 54.6 81.8

39 37.1 29.1 43.7

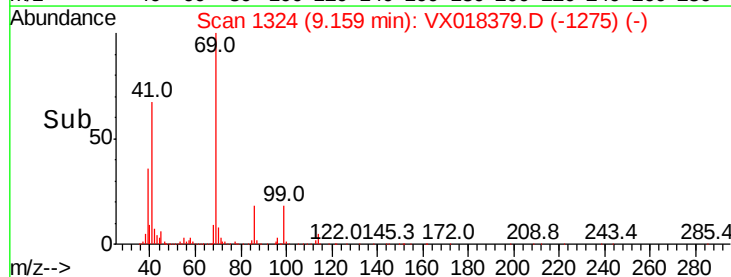
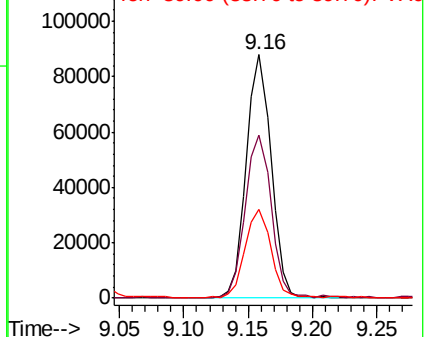


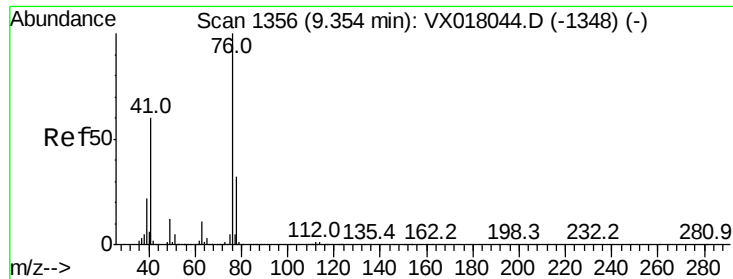
Abundance

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: 19.378 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

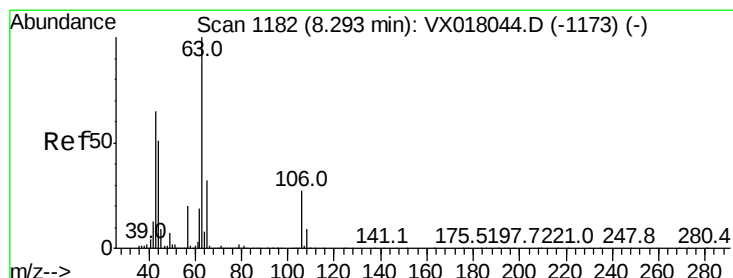
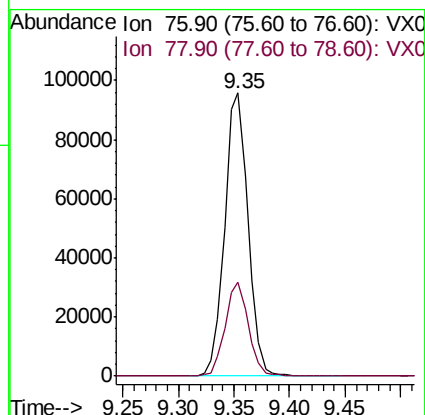
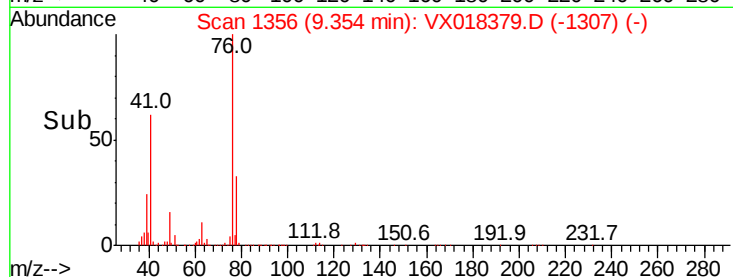
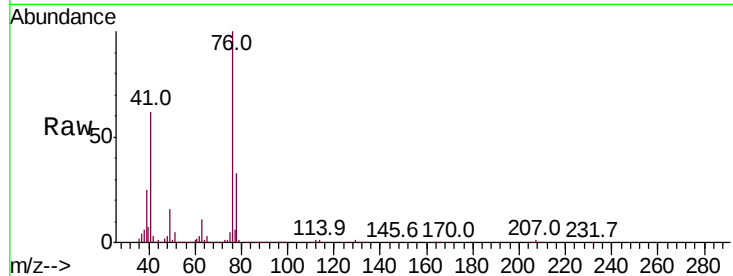
ClientSampleId :

Tot Ion: 76 Resp: 138531

Ion Ratio Lower Upper

76 100

78 32.7 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 106.138 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX018379.D

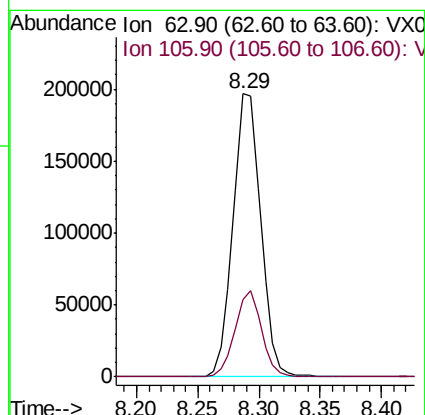
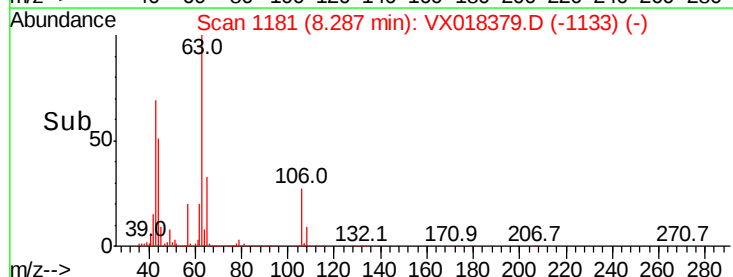
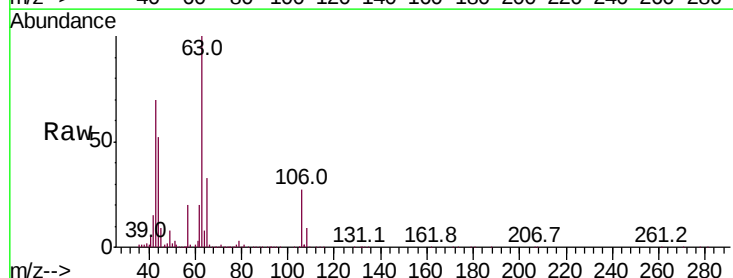
Acq: 14 Sep 2020 12:48

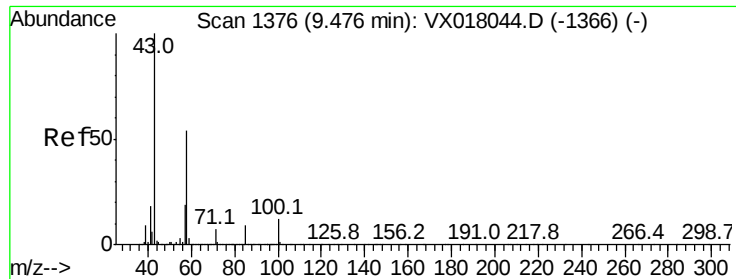
Tgt Ion: 63 Resp: 307650

Ion Ratio Lower Upper

63 100

106 29.2 22.1 33.1

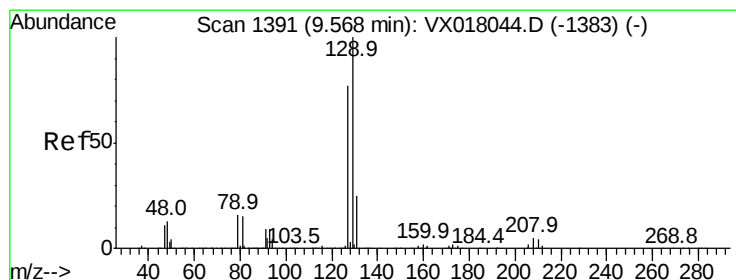
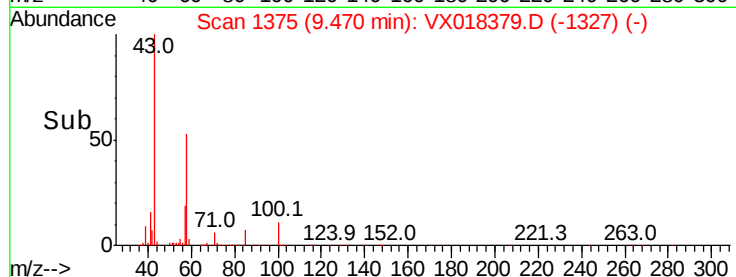
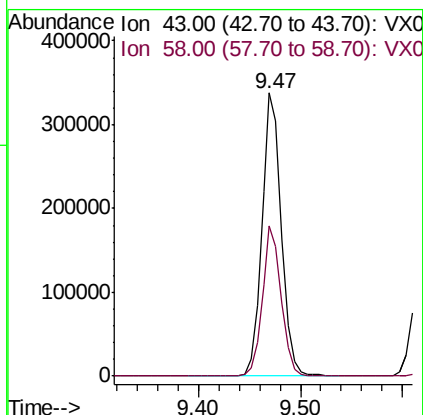
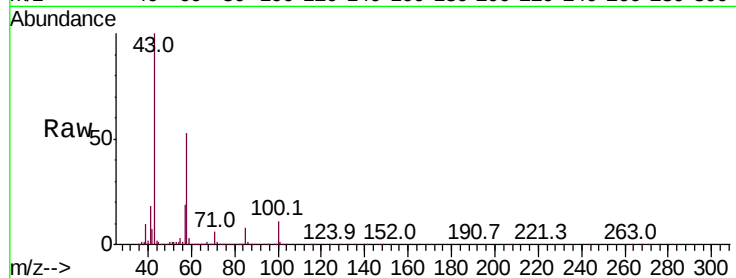




#59
2-Hexanone
Concen: 92.835 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

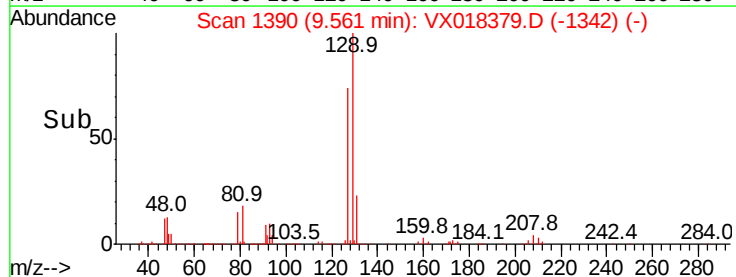
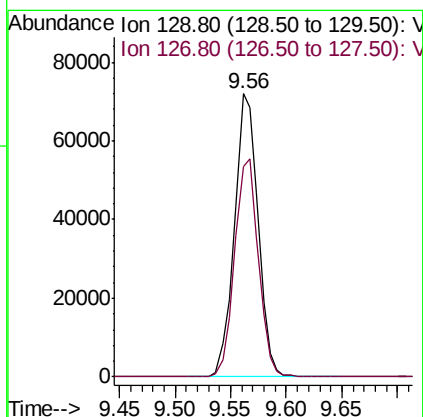
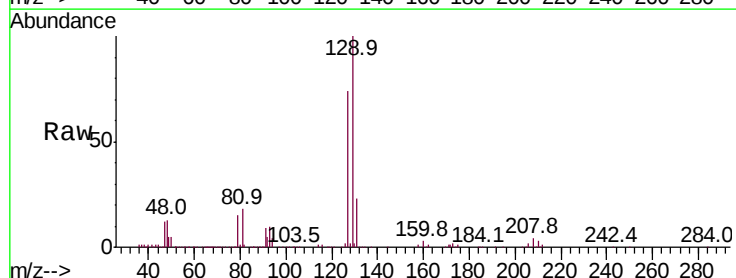
Instrument :
MSVOA_X
ClientSampleId :

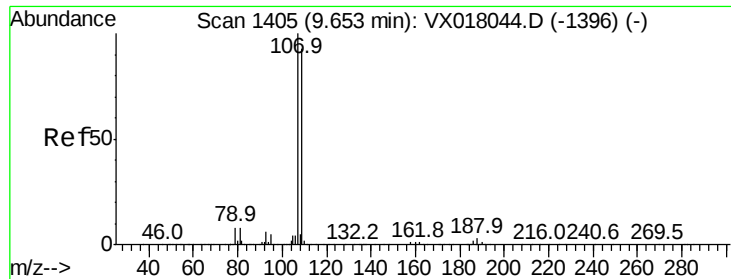
Tot Ion: 43 Resp: 446166
Ion Ratio Lower Upper
43 100
58 51.6 26.6 79.7



#60
Dibromochloromethane
Concen: 20.793 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

Tgt Ion: 129 Resp: 105722
Ion Ratio Lower Upper
129 100
127 77.3 38.9 116.6





#61

1,2-Dibromoethane

Concen: 19.790 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

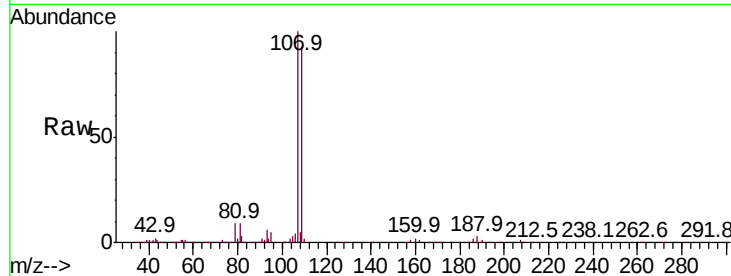
ClientSampleId :

Tot Ion:107 Resp: 93125

Ion Ratio Lower Upper

107 100

109 93.4 75.9 113.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

80000

60000

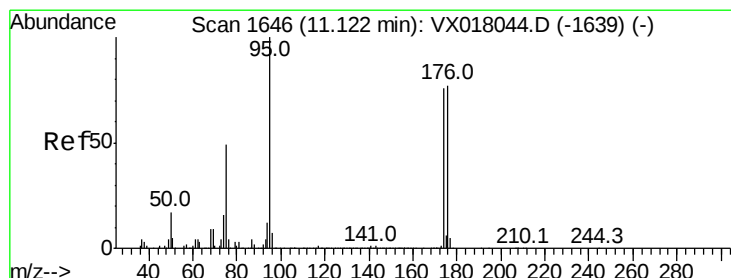
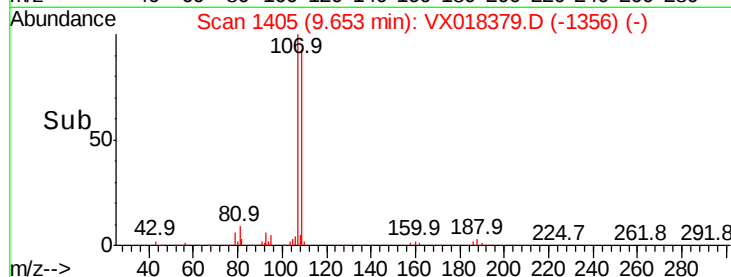
40000

20000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 45.755 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

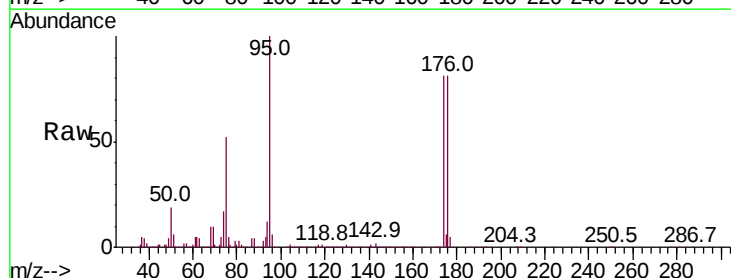
Tgt Ion: 95 Resp: 270035

Ion Ratio Lower Upper

95 100

174 80.4 0.0 160.2

176 76.7 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

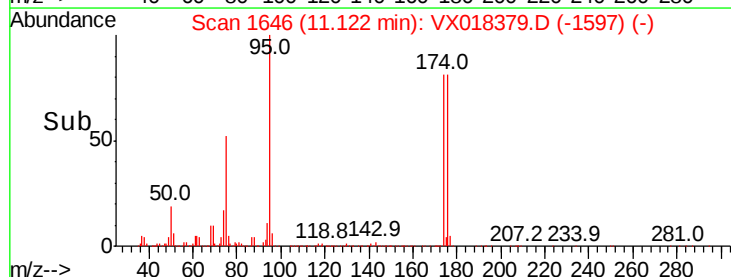
100000

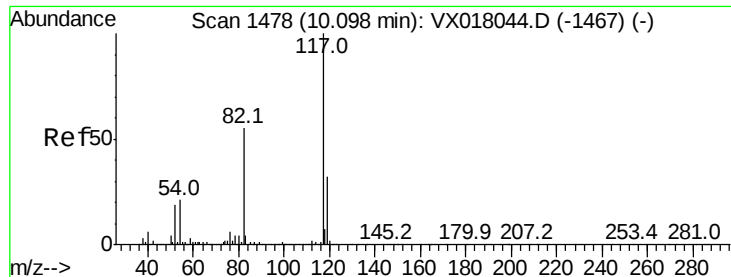
50000

0

Time-->

11.10 11.12 11.20

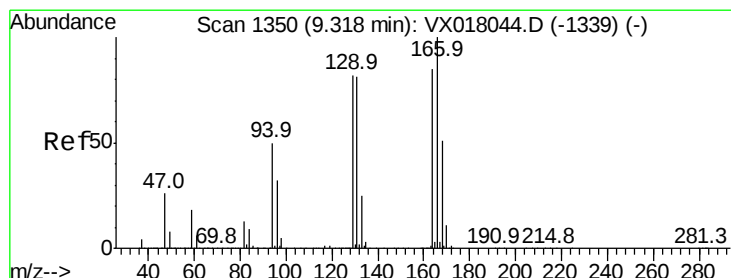
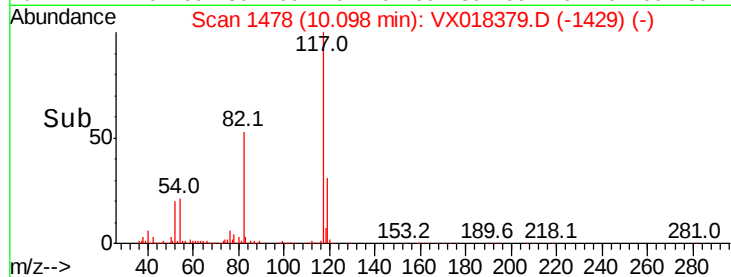
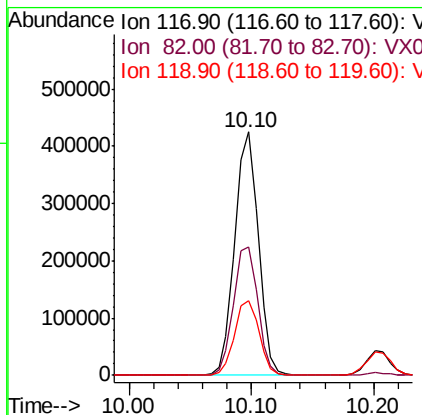
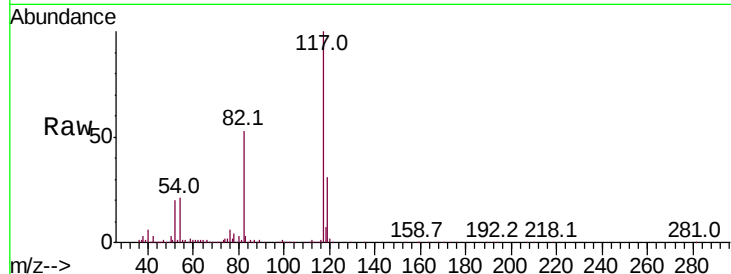




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

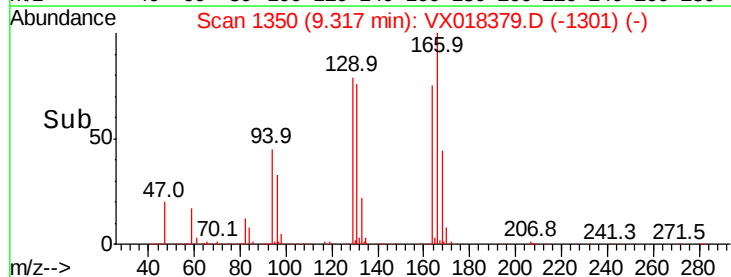
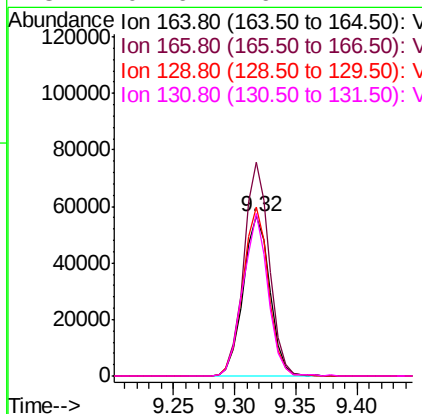
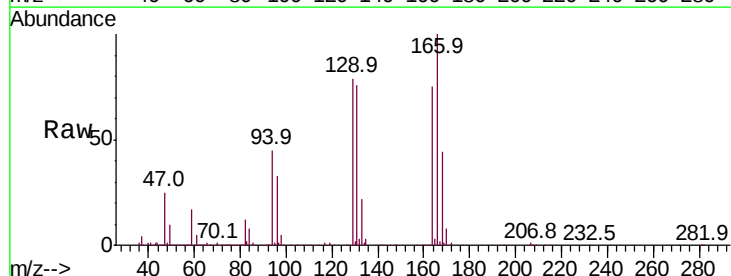
Instrument :
MSVOA_X
ClientSampleId :

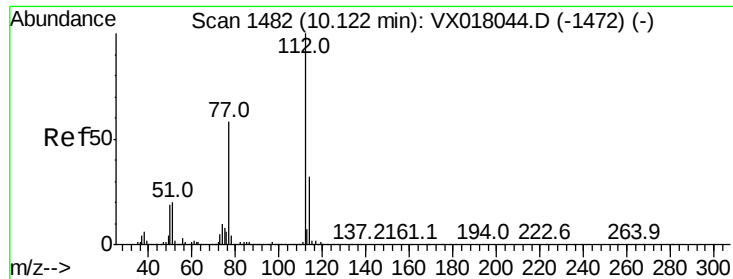
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	44.2	66.2
119	30.9	25.7	38.5



#64
Tetrachloroethene
Concen: 20.447 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.8	94.2	141.2
129	105.5	76.9	115.3
131	101.6	76.1	114.1

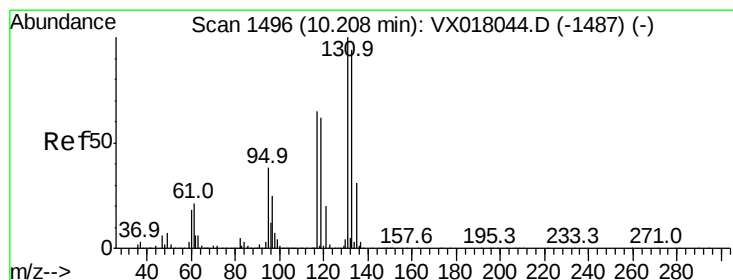
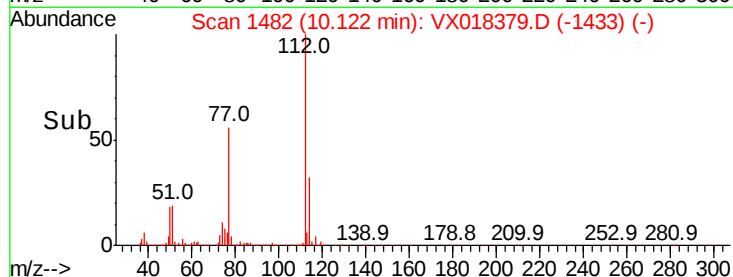
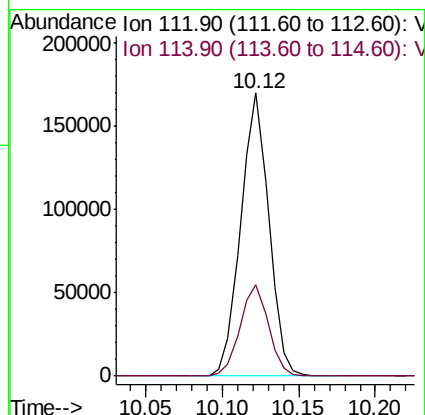
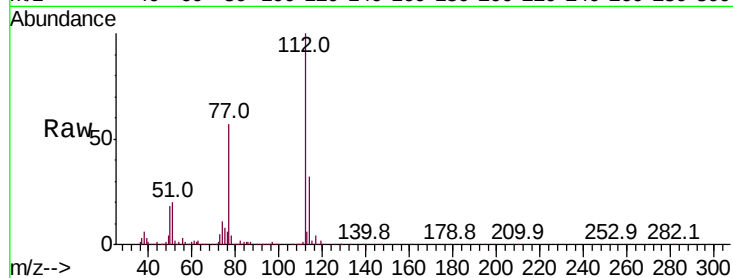




#65
Chlorobenzene
Concen: 19.212 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

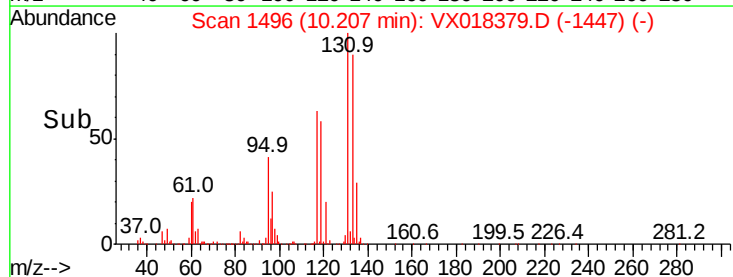
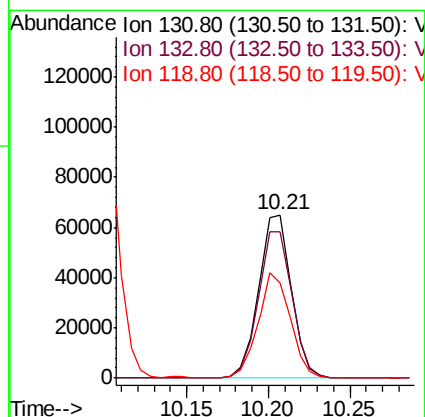
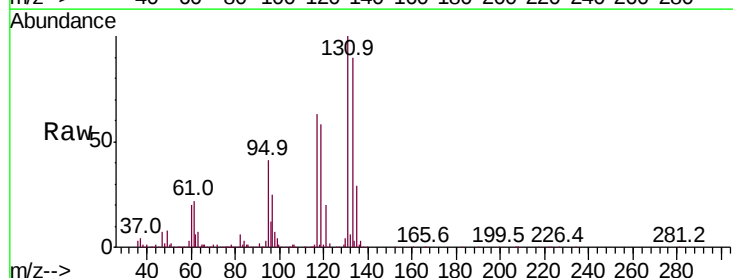
Instrument :
MSVOA_X
ClientSampleId :

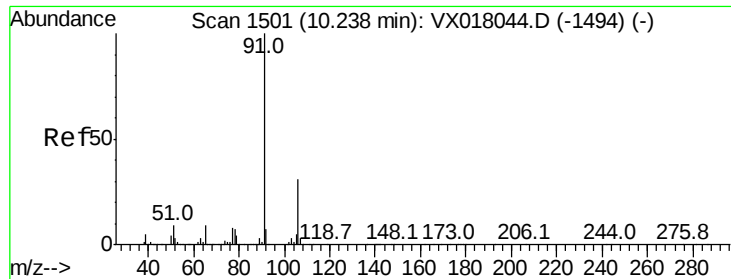
Tot Ion:112 Resp: 217554
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 20.414 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

Tgt Ion:131 Resp: 91108
Ion Ratio Lower Upper
131 100
133 93.1 46.7 140.1
119 62.9 31.8 95.4





#67

Ethyl Benzene

Concen: 19.045 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

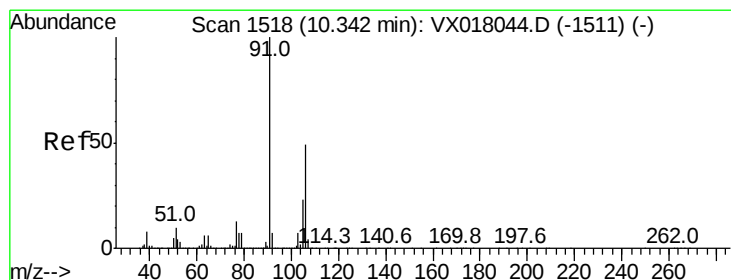
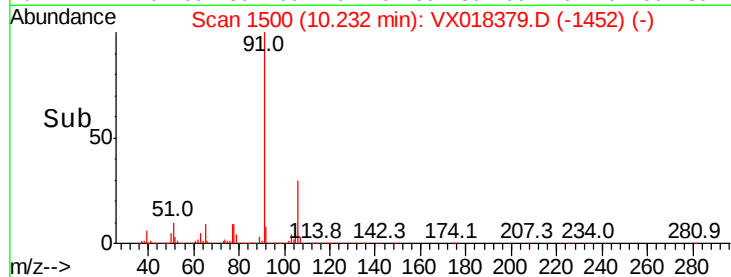
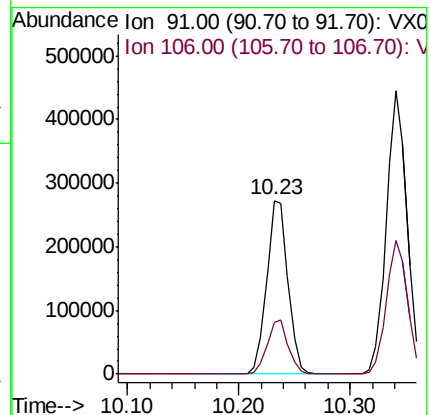
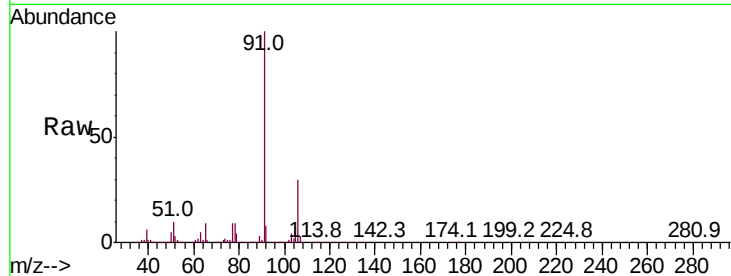
ClientSampleId :

Tot Ion: 91 Resp: 366754

Ion Ratio Lower Upper

91 100

106 29.9 24.9 37.3



#68

m/p-Xylenes

Concen: 38.881 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018379.D

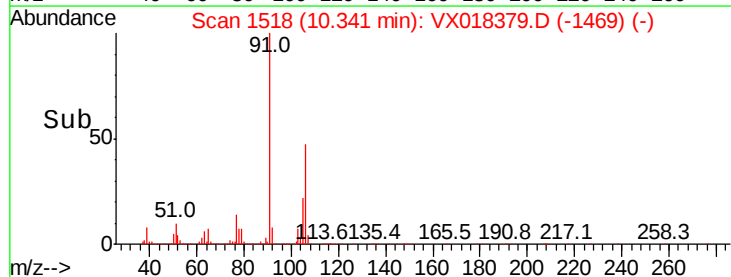
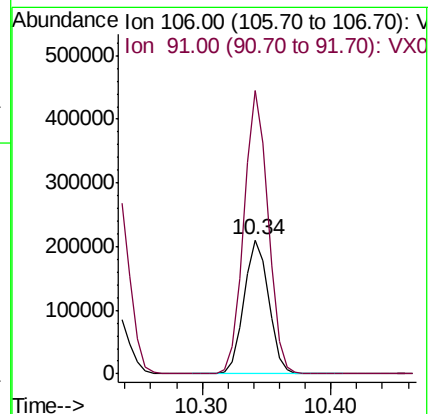
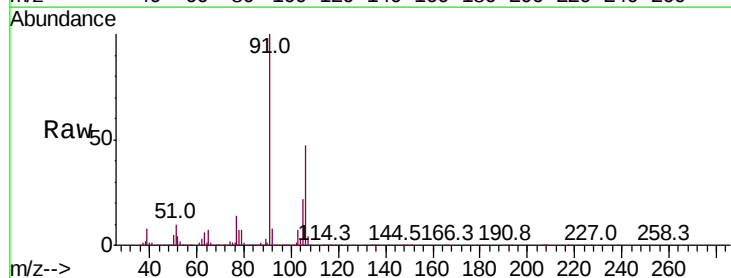
Acq: 14 Sep 2020 12:48

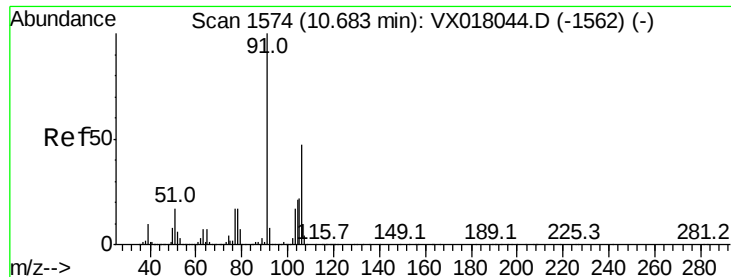
Tgt Ion: 106 Resp: 279460

Ion Ratio Lower Upper

106 100

91 206.8 162.2 243.2





#69

o-Xylene

Concen: 19.026 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

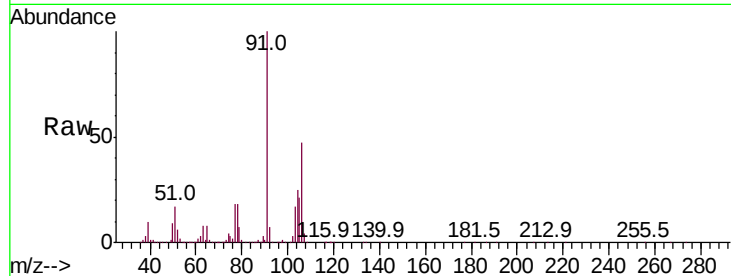
ClientSampled :

Tot Ion:106 Resp: 132566

Ion Ratio Lower Upper

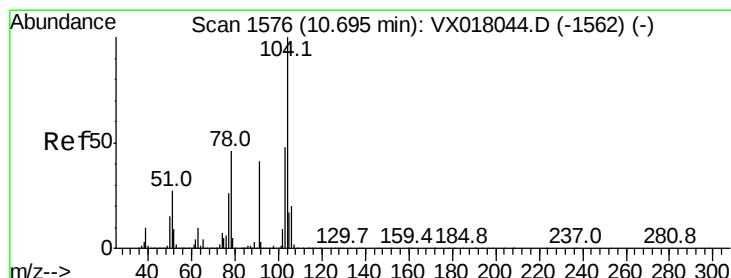
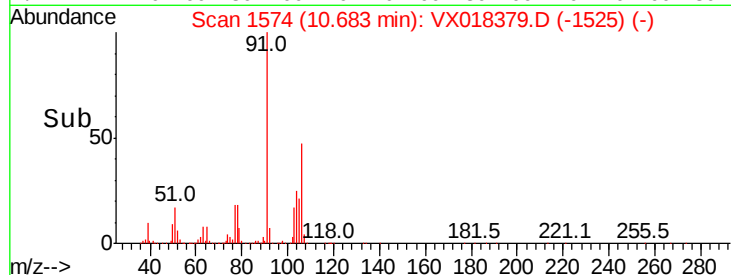
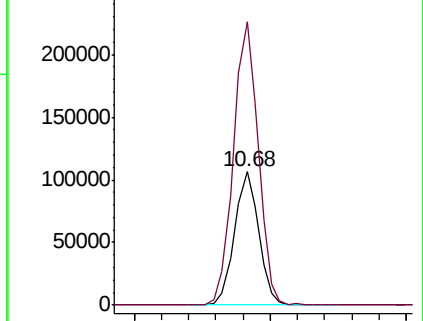
106 100

91 217.1 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 18.876 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

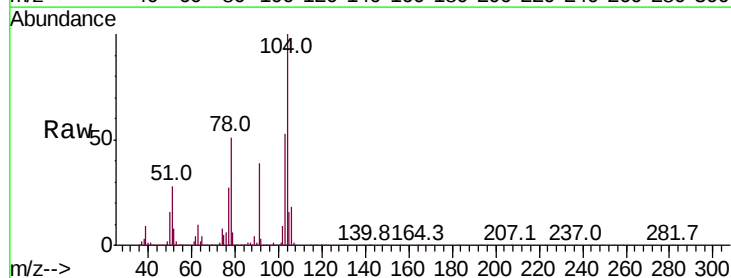
Tgt Ion:104 Resp: 223980

Ion Ratio Lower Upper

104 100

78 55.5 40.9 61.3

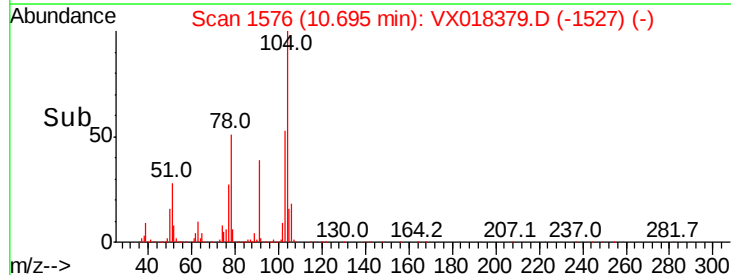
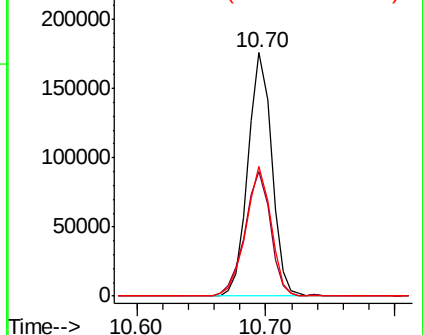
103 56.4 43.6 65.4

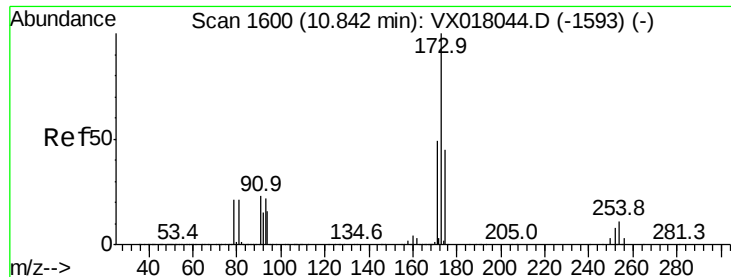


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 20.100 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

ClientSampled :

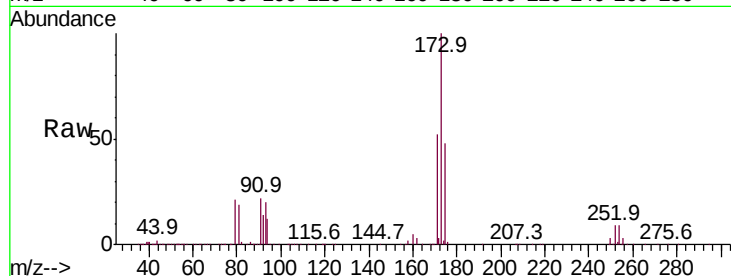
Tot Ion:173 Resp: 76516

Ion Ratio Lower Upper

173 100

175 50.8 23.9 71.8

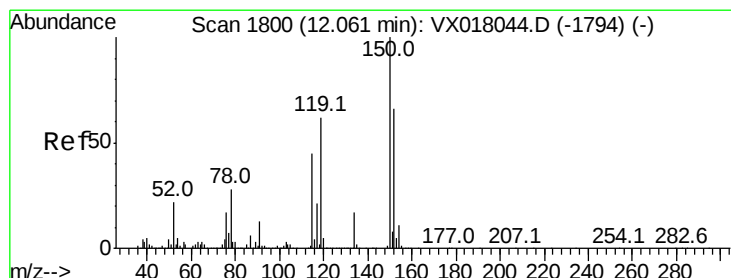
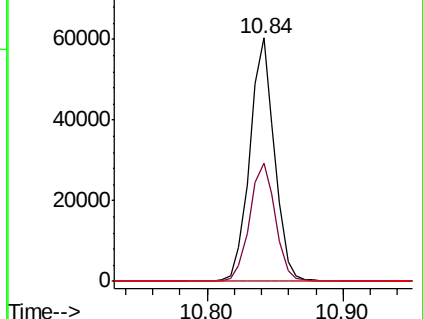
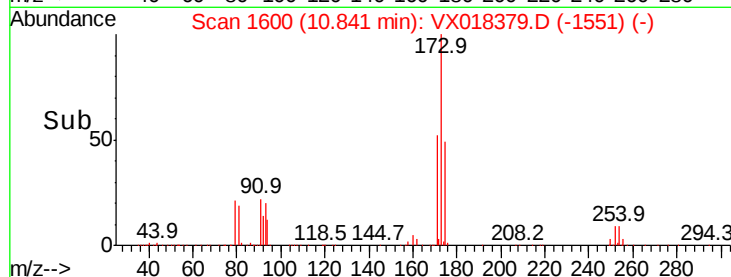
254 0.1 0.2 0.2#



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: VX018379.D

Acq: 14 Sep 2020 12:48

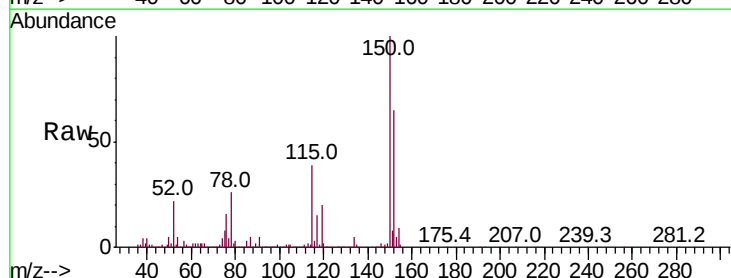
Tgt Ion:152 Resp: 304280

Ion Ratio Lower Upper

152 100

115 68.0 41.5 124.5

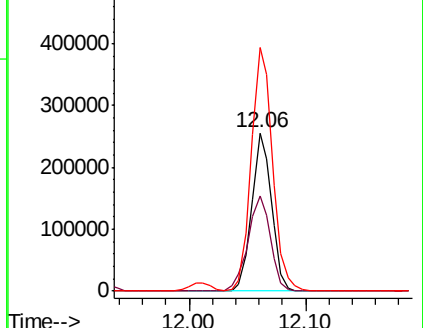
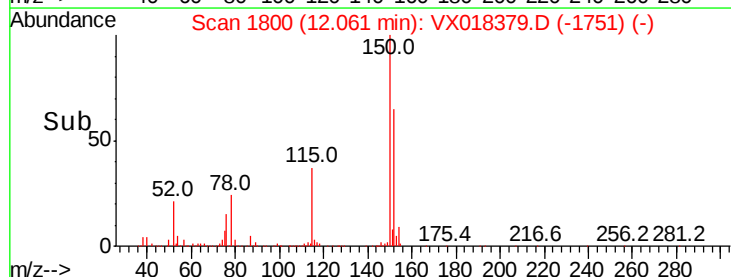
150 165.0 0.0 343.8

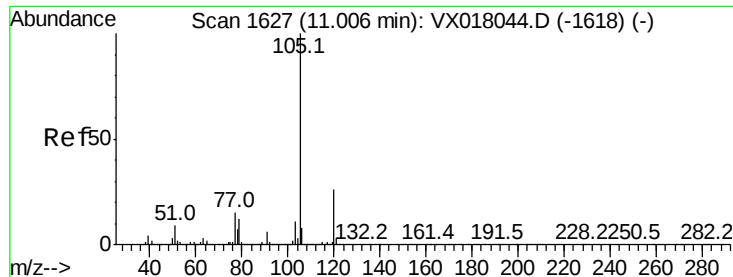


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.033 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

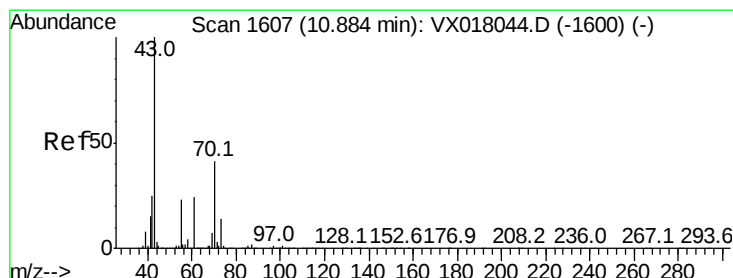
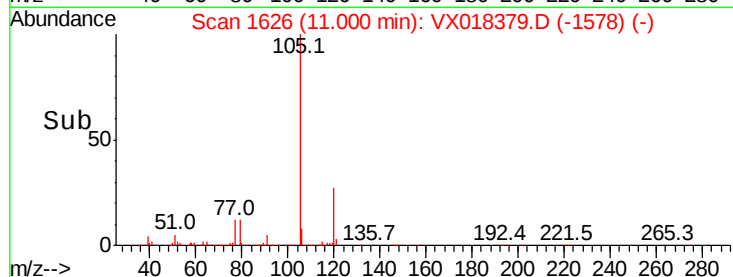
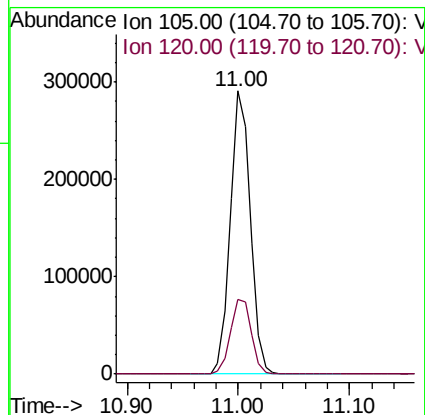
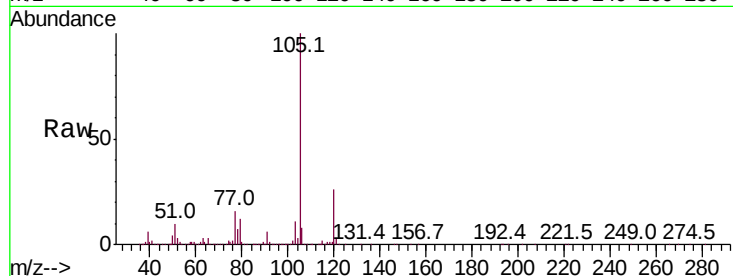
ClientSampleId :

Tot Ion:105 Resp: 361943

Ion Ratio Lower Upper

105 100

120 27.4 13.2 39.5



#74

N-ethyl acetate

Concen: 16.445 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Tgt Ion: 43 Resp: 156607

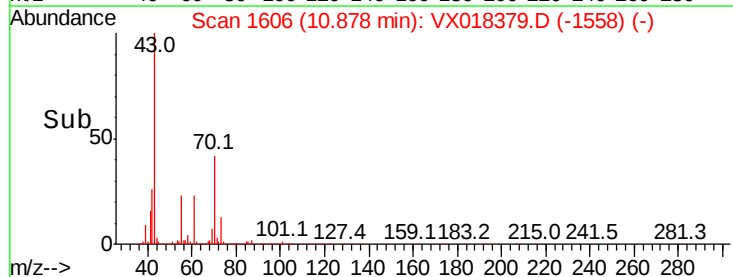
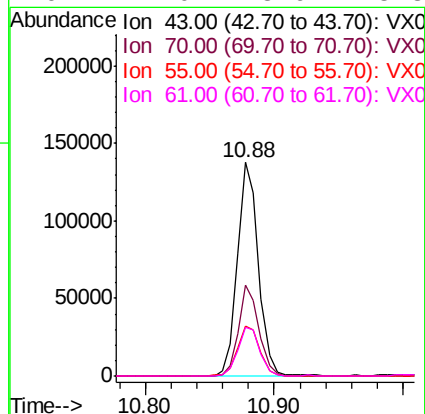
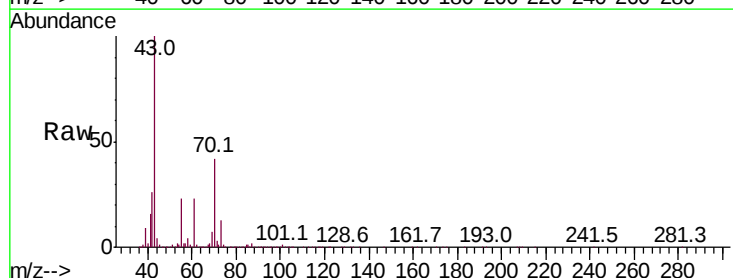
Ion Ratio Lower Upper

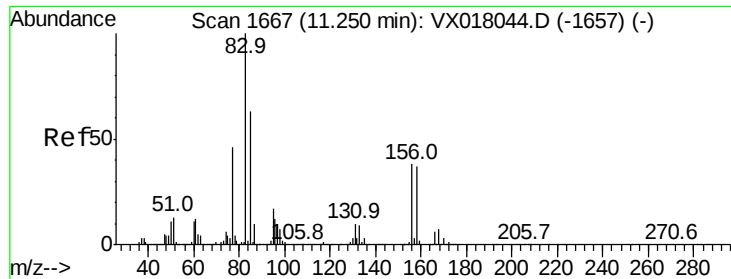
43 100

70 40.7 32.3 48.5

55 24.8 18.2 27.2

61 24.0 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.857 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

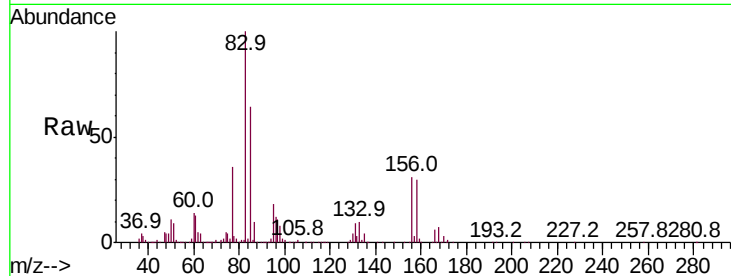
Tot Ion: 83 Resp: 126433

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.4

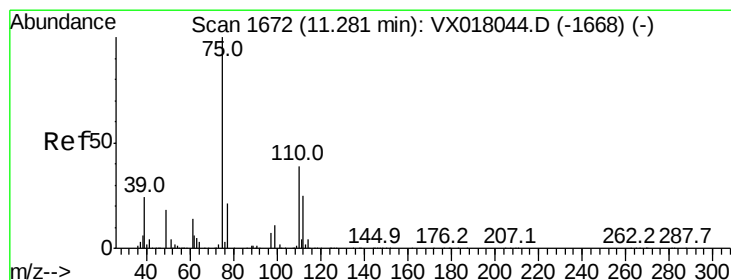
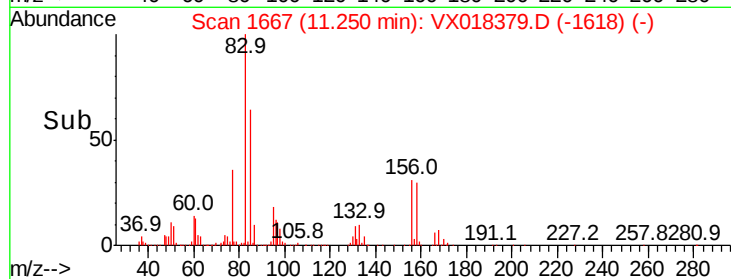
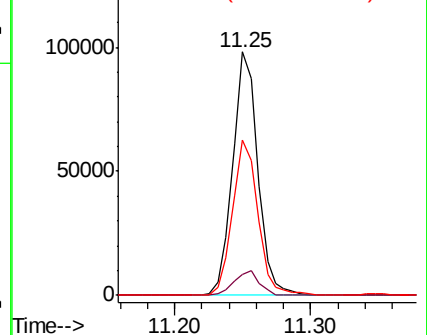
85 64.7 32.2 96.6



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: 22.588 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018379.D

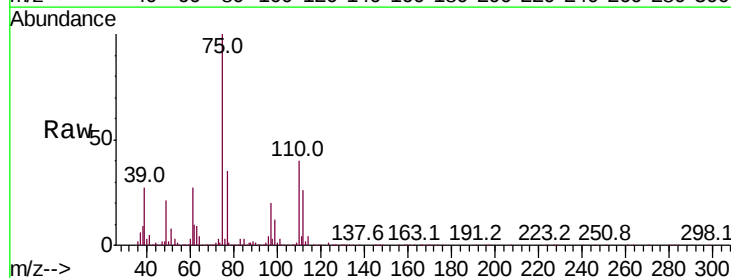
Acq: 14 Sep 2020 12:48

Tgt Ion: 75 Resp: 152893

Ion Ratio Lower Upper

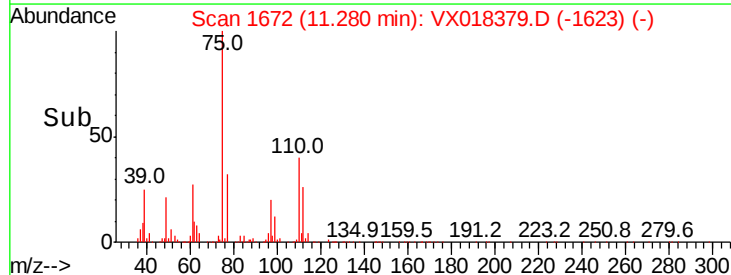
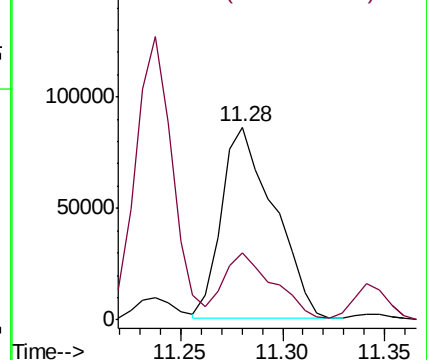
75 100

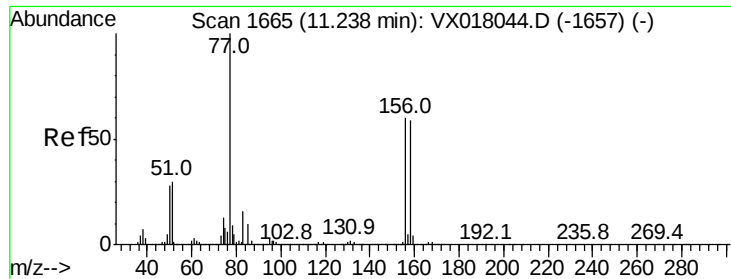
77 33.4 20.8 62.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.990 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

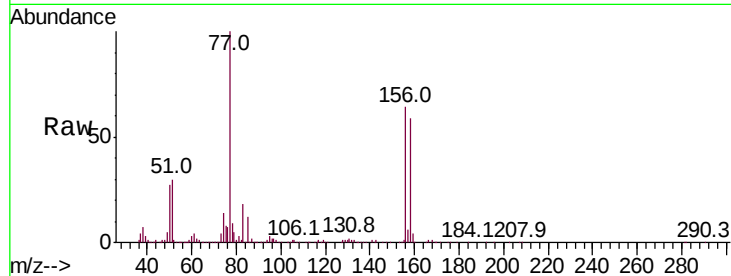
Tot Ion:156 Resp: 99806

Ion Ratio Lower Upper

156 100

77 159.6 80.0 240.2

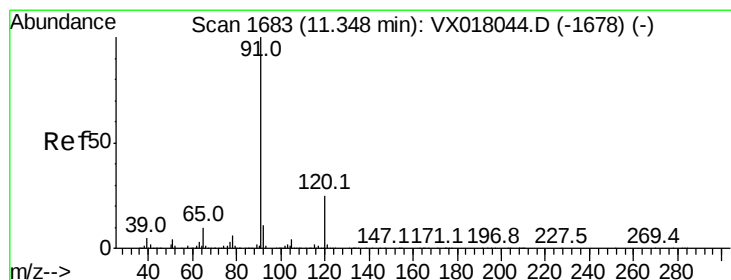
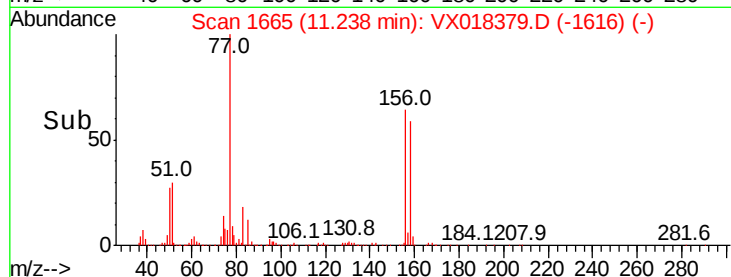
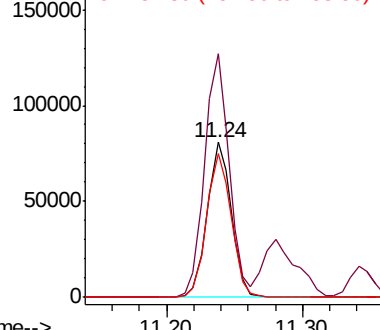
158 94.8 49.5 148.7



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: 18.474 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018379.D

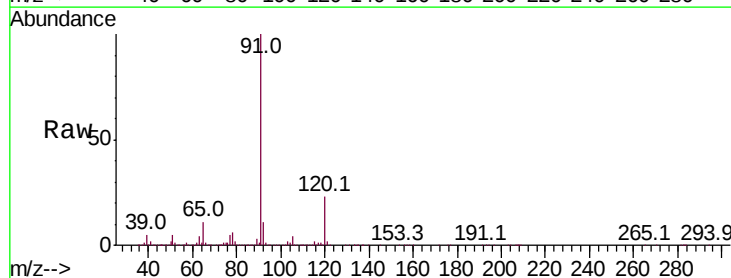
Acq: 14 Sep 2020 12:48

Tgt Ion: 91 Resp: 421011

Ion Ratio Lower Upper

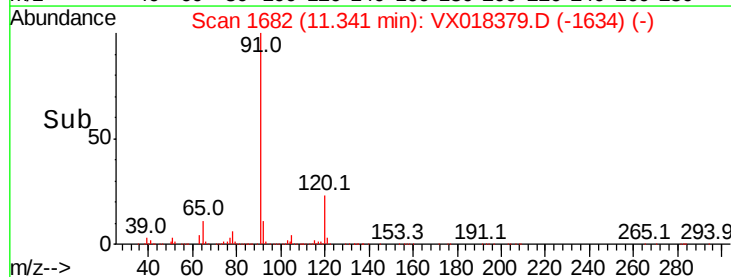
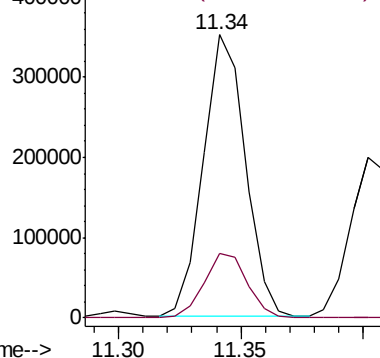
91 100

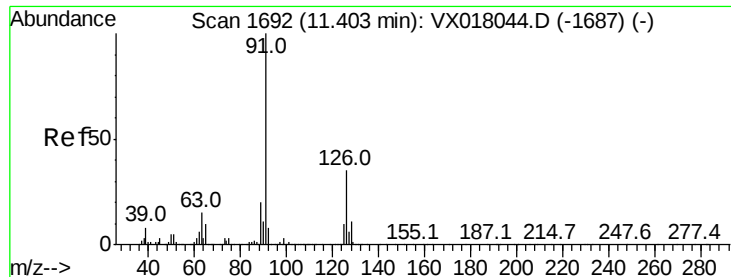
120 23.6 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

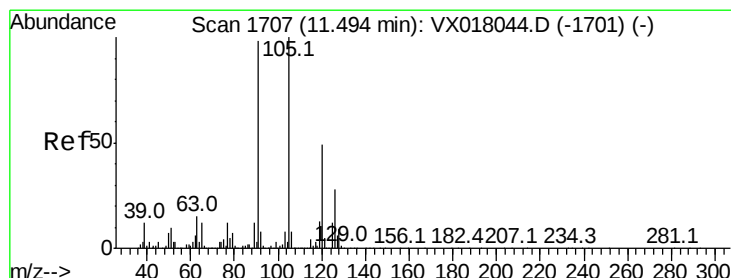
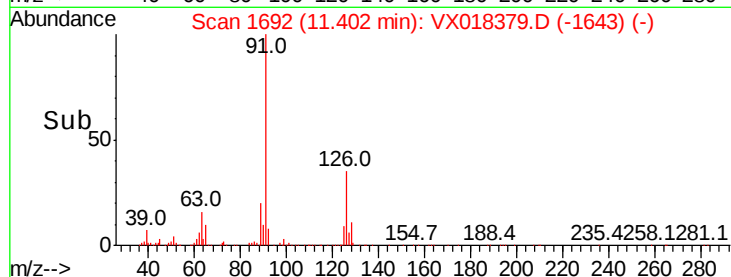
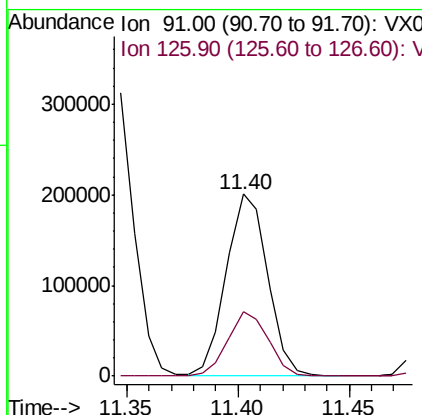
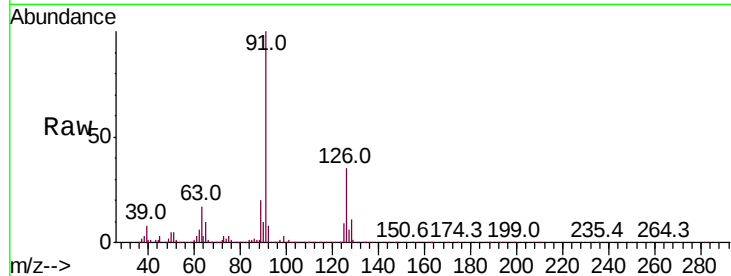




#79
 2-Chlorotoluene
 Concen: 18.316 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX018379.D
 Acq: 14 Sep 2020 12:48

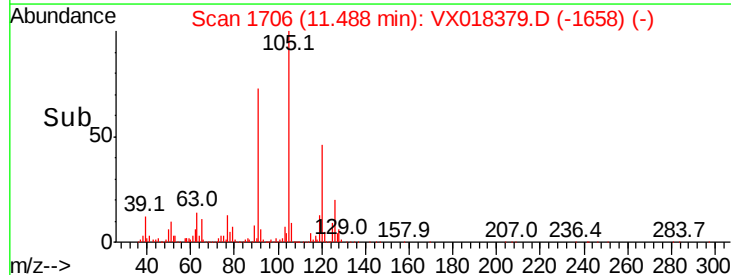
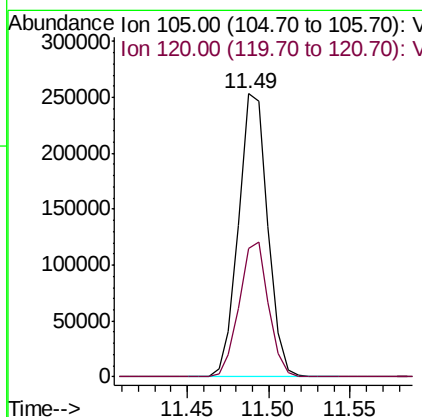
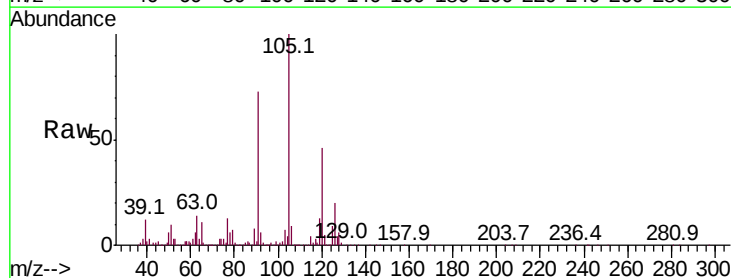
Instrument :
 MSVOA_X
 ClientSampleId :

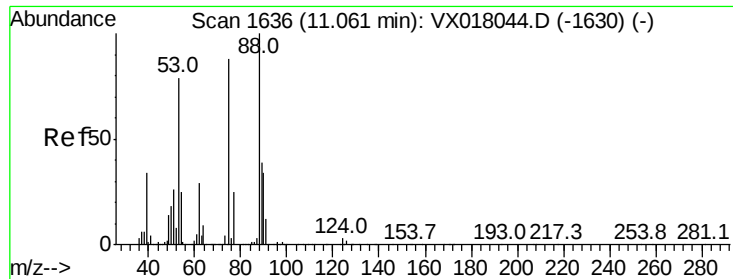
Tot Ion: 91 Resp: 257890
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.4 52.2



#80
 1,3,5-Trimethylbenzene
 Concen: 19.210 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX018379.D
 Acq: 14 Sep 2020 12:48

Tgt Ion: 105 Resp: 316833
 Ion Ratio Lower Upper
 105 100
 120 47.7 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.651 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

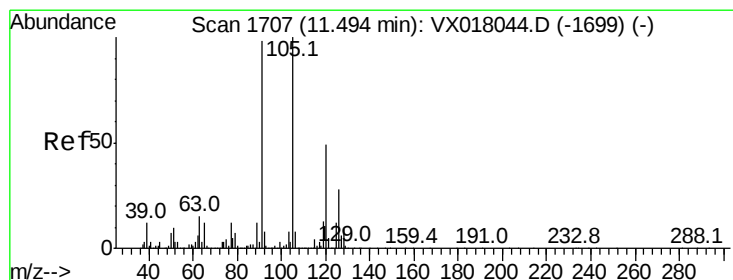
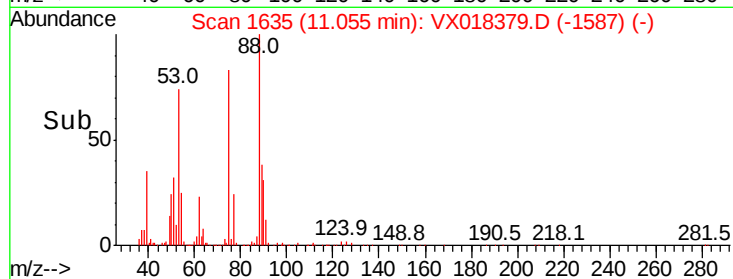
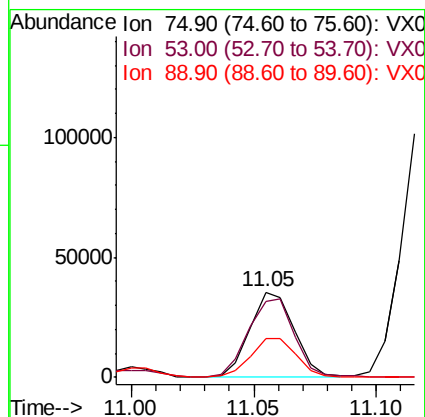
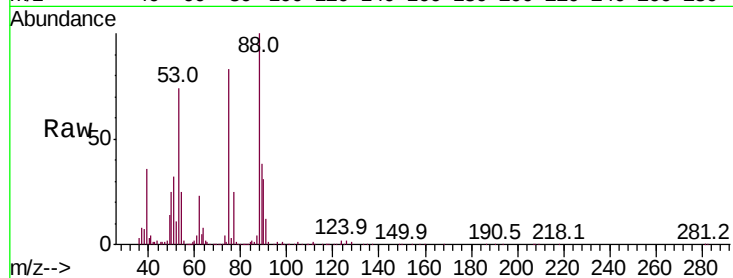
Tot Ion: 75 Resp: 44238

Ion Ratio Lower Upper

75 100

53 97.3 74.7 112.1

89 46.8 36.6 54.8



#82

4-Chlorotoluene

Concen: 18.527 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018379.D

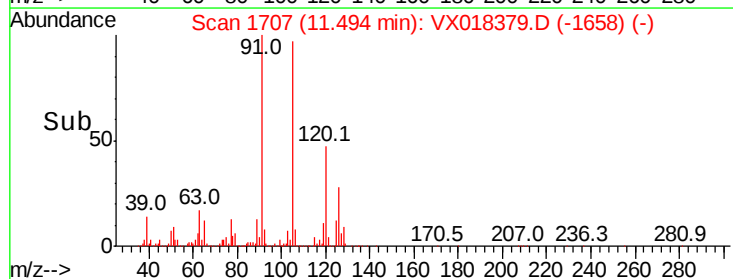
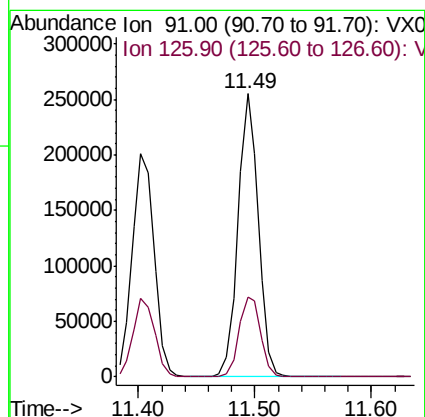
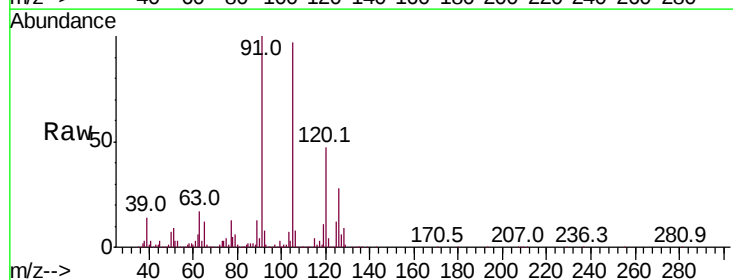
Acq: 14 Sep 2020 12:48

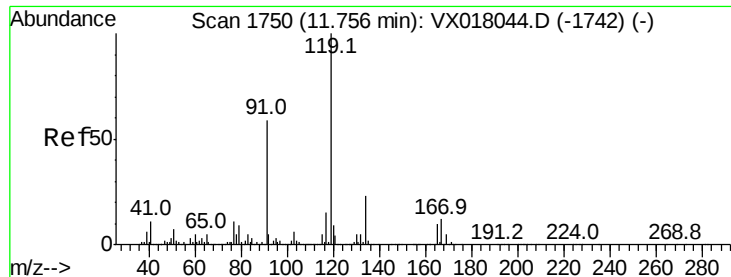
Tgt Ion: 91 Resp: 310107

Ion Ratio Lower Upper

91 100

126 30.3 15.1 45.3





#83

tert-Butylbenzene

Concen: 18.615 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

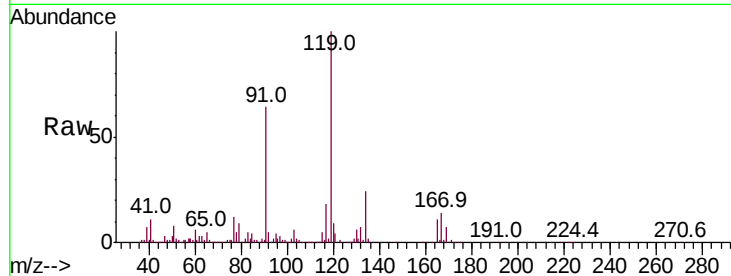
Tot Ion:119 Resp: 302986

Ion Ratio Lower Upper

119 100

91 59.0 28.2 84.7

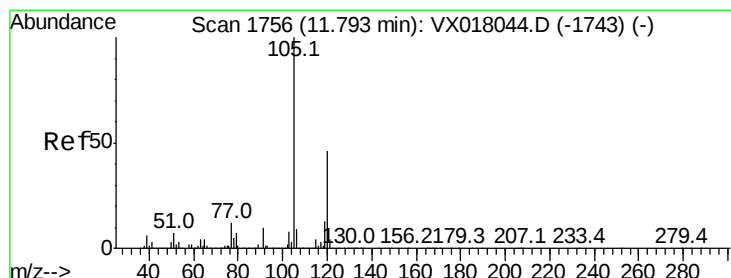
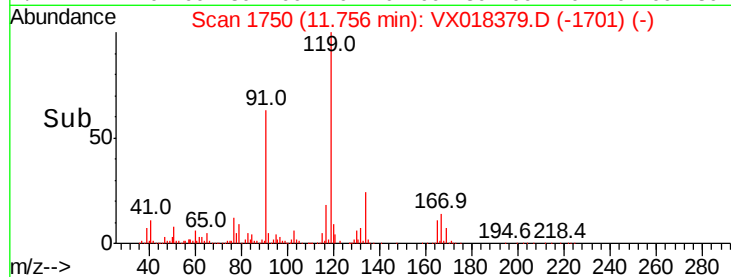
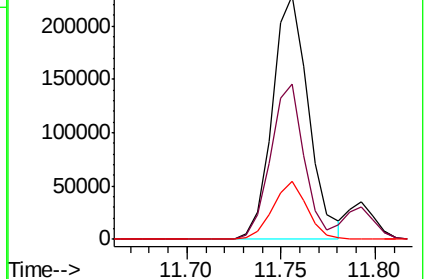
134 22.6 11.3 33.8



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: 19.360 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018379.D

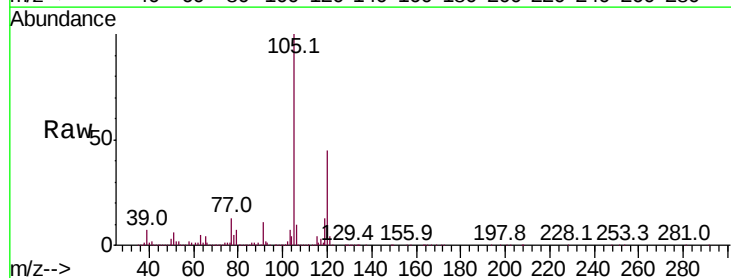
Acq: 14 Sep 2020 12:48

Tgt Ion:105 Resp: 326449

Ion Ratio Lower Upper

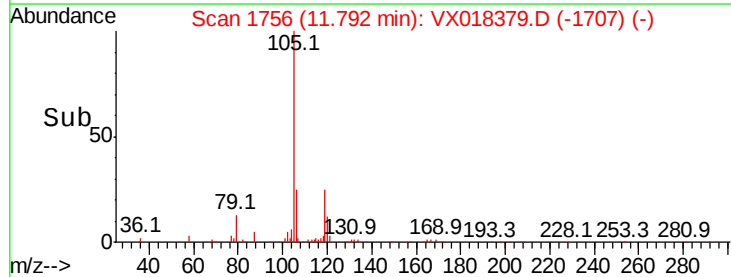
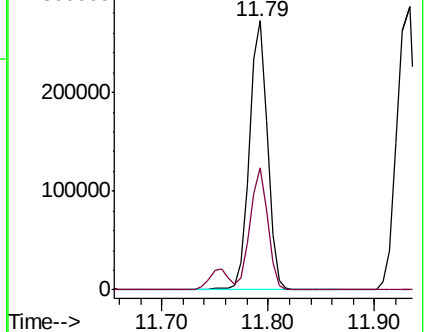
105 100

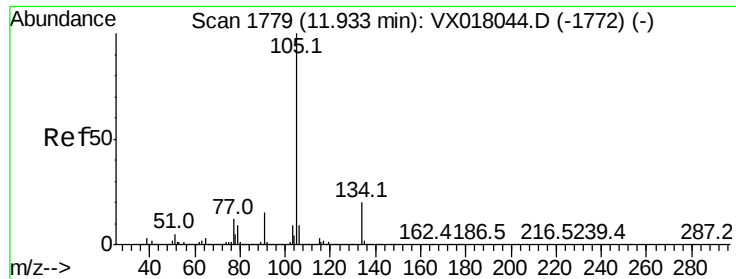
120 44.4 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.245 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

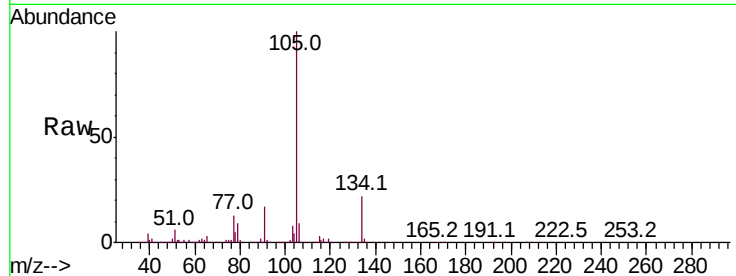
ClientSampleId :

Tot Ion:105 Resp: 356220

Ion Ratio Lower Upper

105 100

134 21.2 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

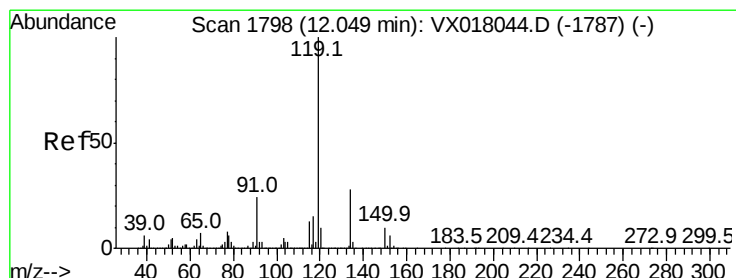
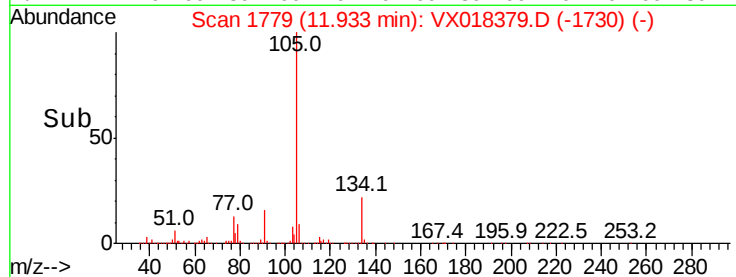
300000

200000

100000

0

Time--> 11.85 11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 19.466 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

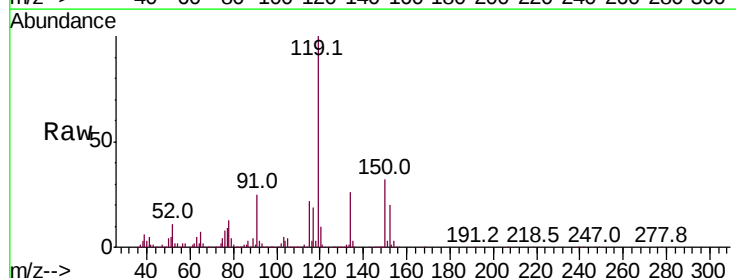
Tgt Ion:119 Resp: 330973

Ion Ratio Lower Upper

119 100

134 26.6 13.2 39.5

91 25.1 11.8 35.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.05

400000

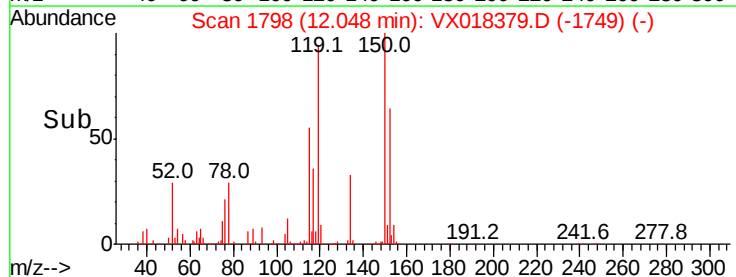
300000

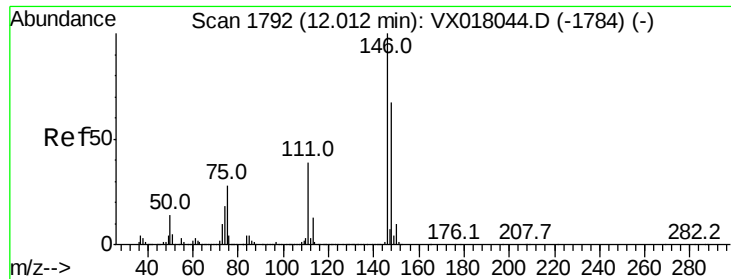
200000

100000

0

Time--> 12.00 12.10





#87

1,3-Dichlorobenzene

Concen: 19.246 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

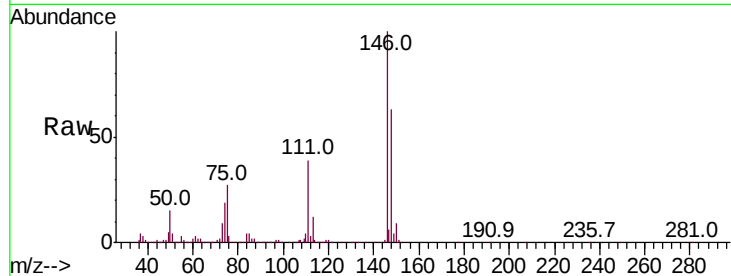
Tot Ion:146 Resp: 187470

Ion Ratio Lower Upper

146 100

111 38.9 20.6 61.8

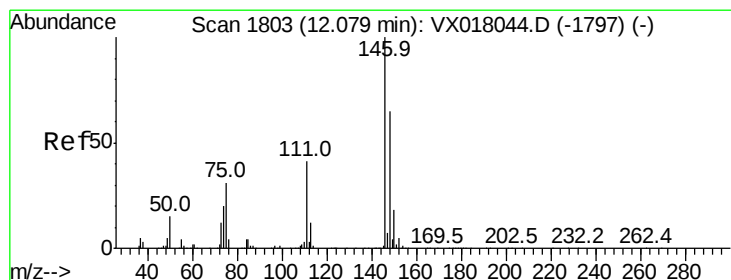
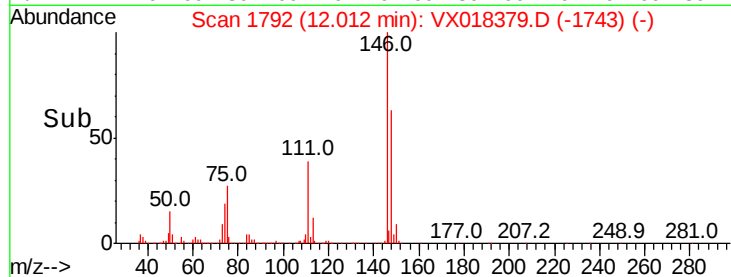
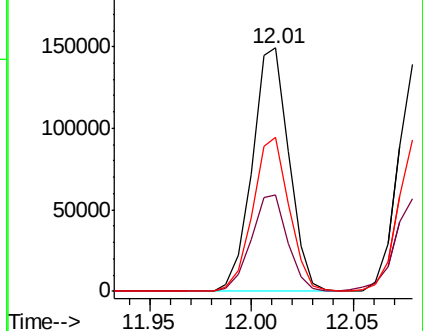
148 62.5 33.1 99.2



Abundance Ion 145.90 (145.60 to 146.60): V

200000 Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 18.940 ug/l

RT: 12.09 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

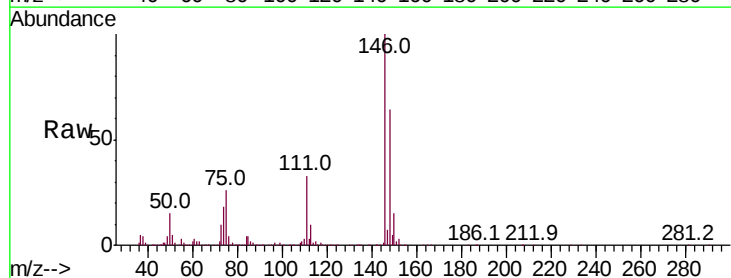
Tgt Ion:146 Resp: 184716

Ion Ratio Lower Upper

146 100

111 40.4 20.3 60.8

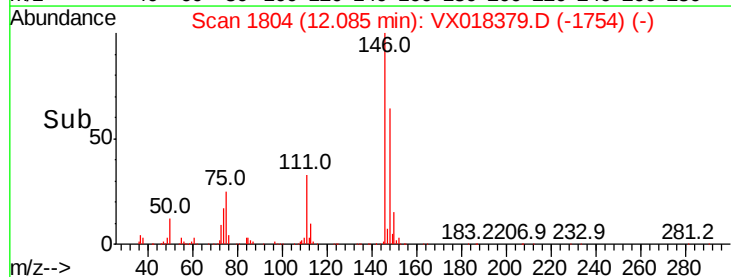
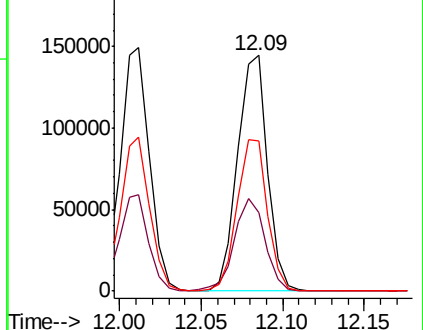
148 65.3 33.1 99.2

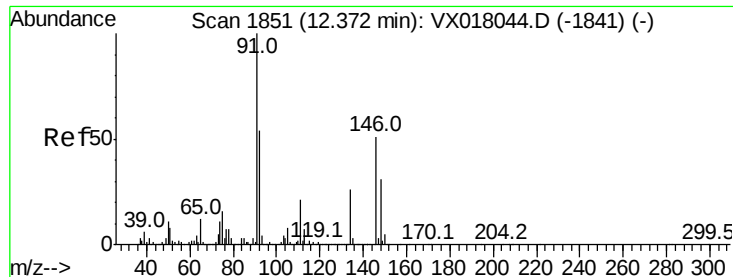


Abundance Ion 145.90 (145.60 to 146.60): V

200000 Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

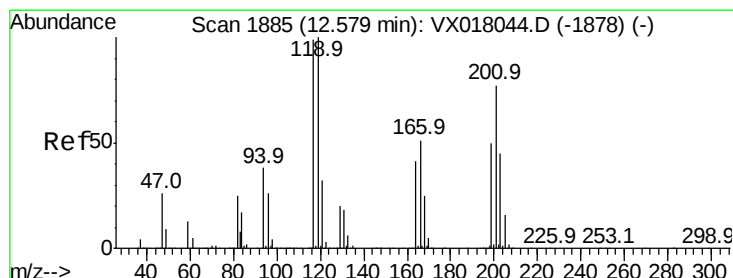
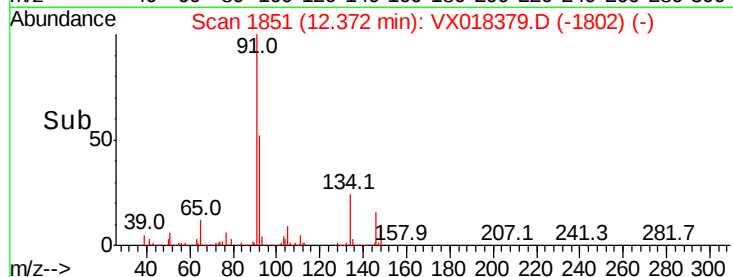
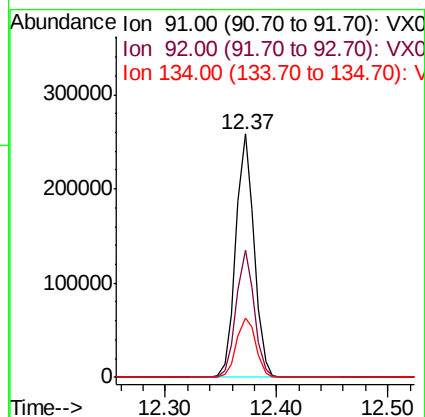
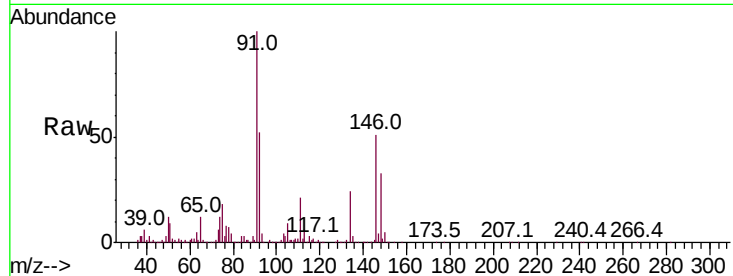




#89
n-Butylbenzene
Concen: 18.858 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

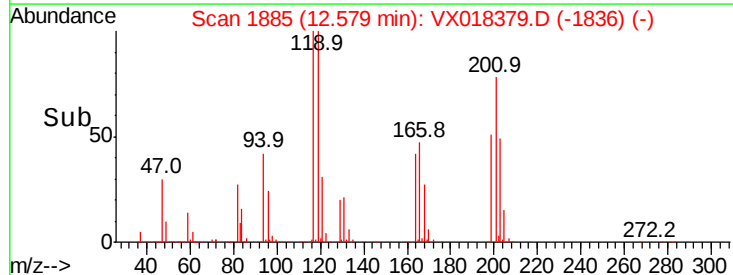
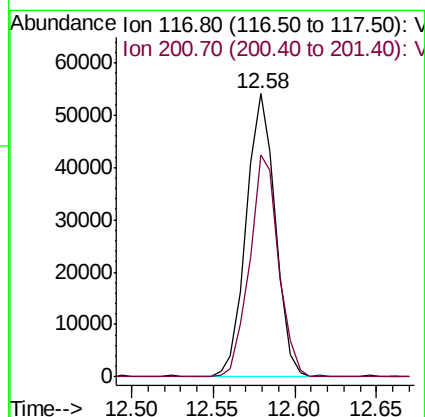
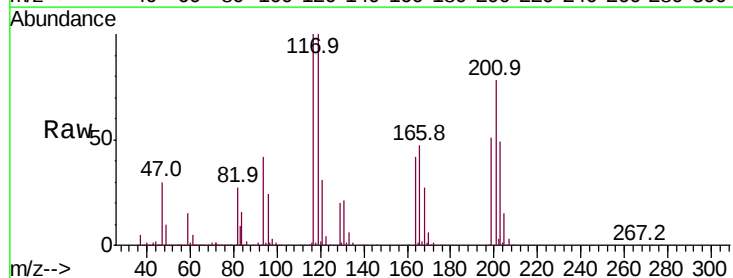
Instrument :
MSVOA_X
ClientSampleId :

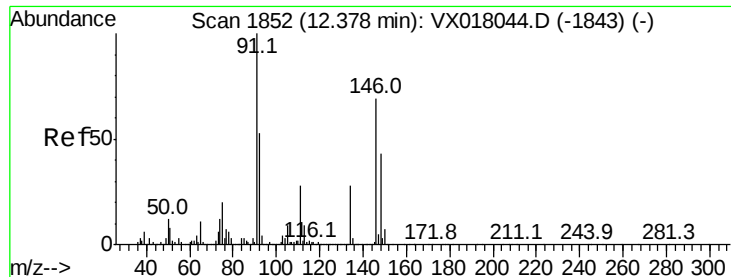
Tot Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.4	79.2
134	26.0	12.9	38.7



#90
Hexachloroethane
Concen: 20.164 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018379.D
Acq: 14 Sep 2020 12:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	77.9	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 19.203 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

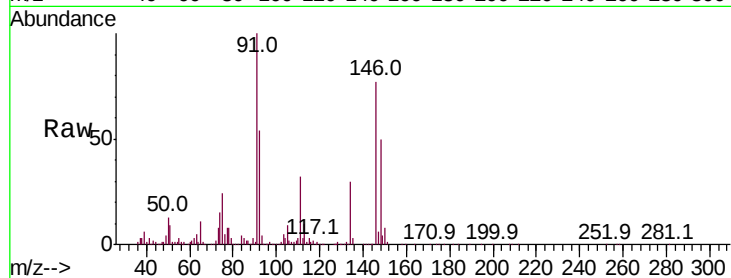
Tot Ion:146 Resp: 176072

Ion Ratio Lower Upper

146 100

111 41.4 20.8 62.5

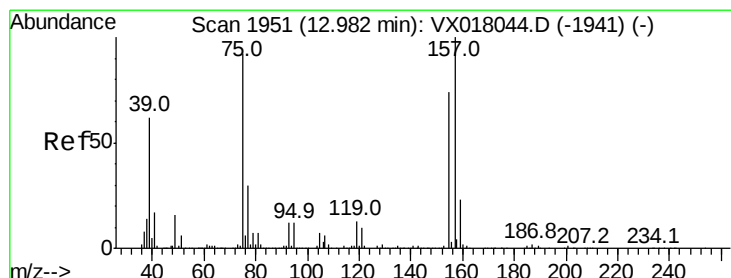
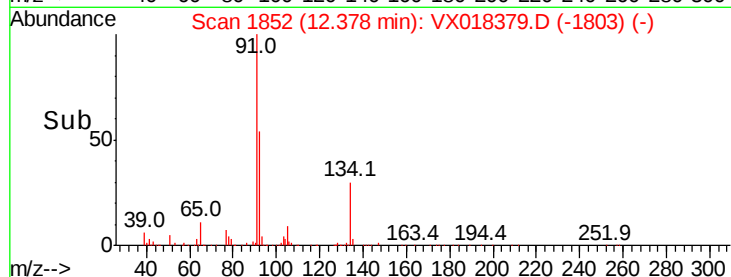
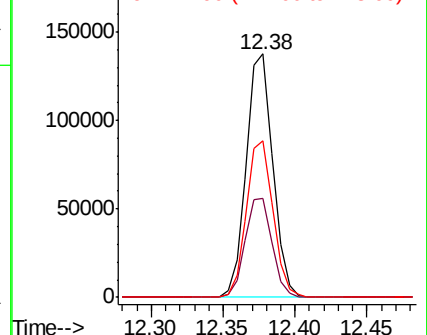
148 64.7 31.6 95.0



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: 16.766 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

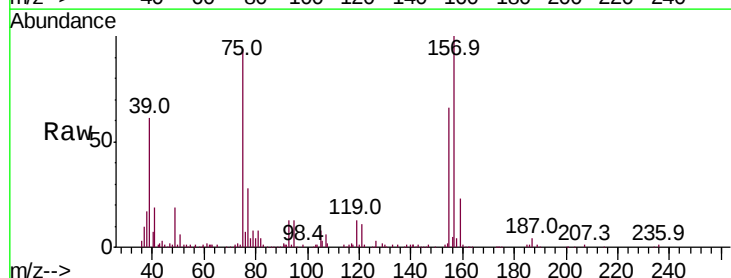
Tgt Ion: 75 Resp: 29681

Ion Ratio Lower Upper

75 100

155 79.4 40.2 120.6

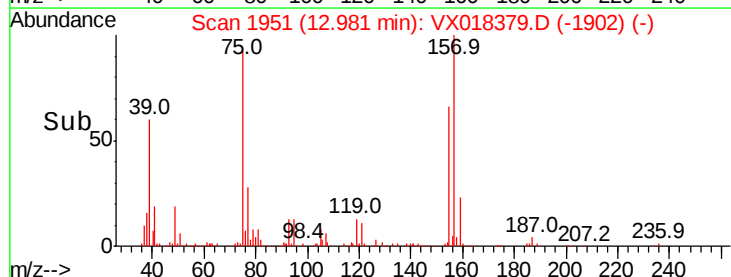
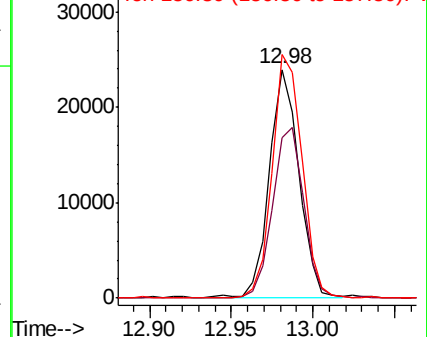
157 108.2 55.0 165.2

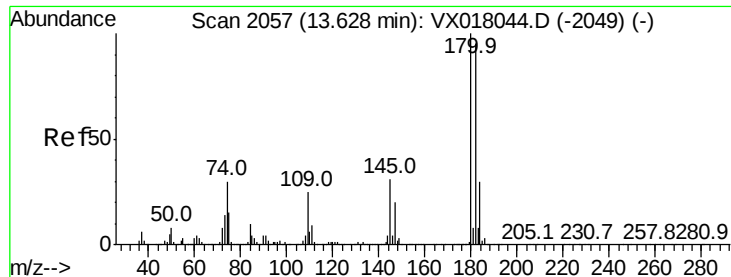


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

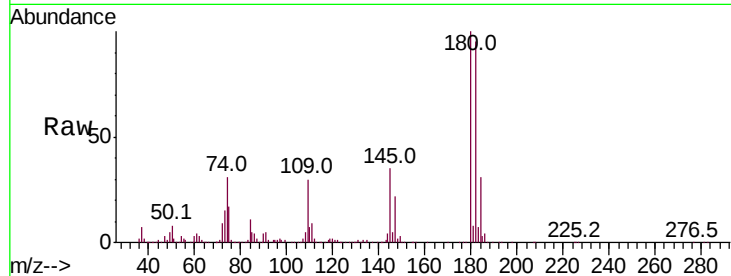




#93
 1,2,4-Trichlorobenzene
 Concen: 18.525 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018379.D
 Acq: 14 Sep 2020 12:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.5	142.6
145	32.6	15.7	47.1

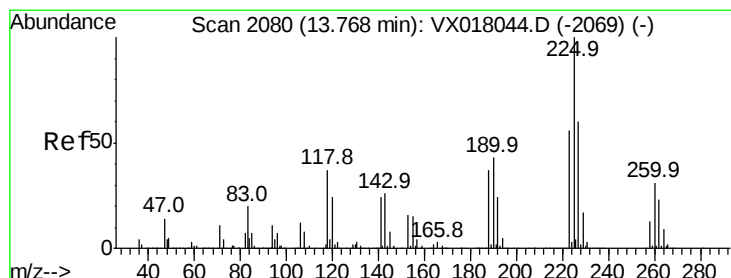
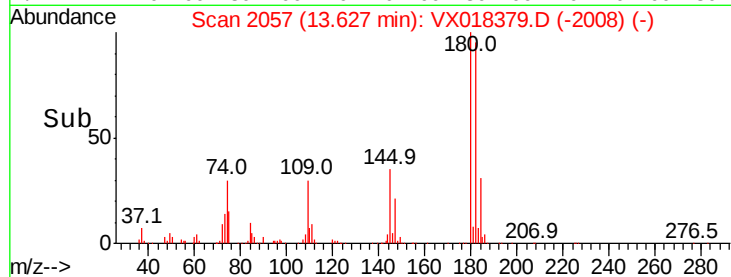
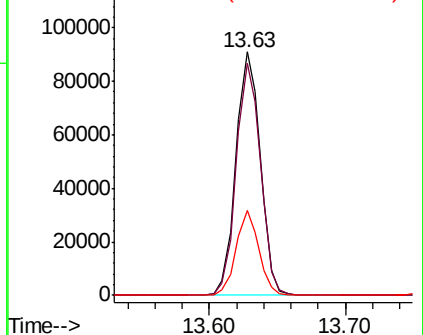


Abundance

Ion 179.80 (179.50 to 180.50): V

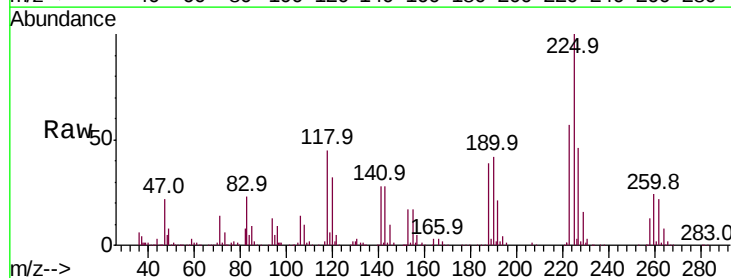
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 22.784 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX018379.D
 Acq: 14 Sep 2020 12:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.9	30.7	92.1
227	59.3	32.6	97.8

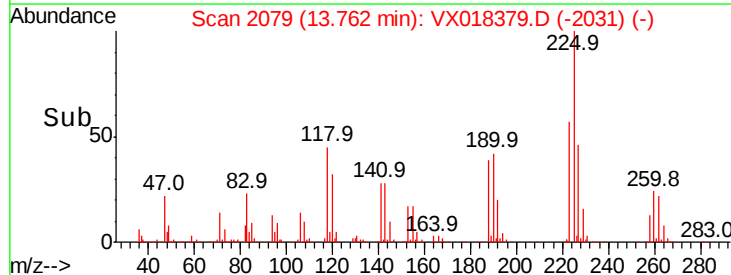
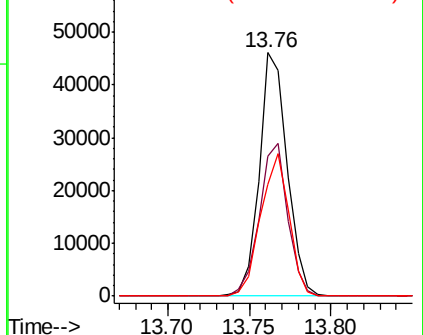


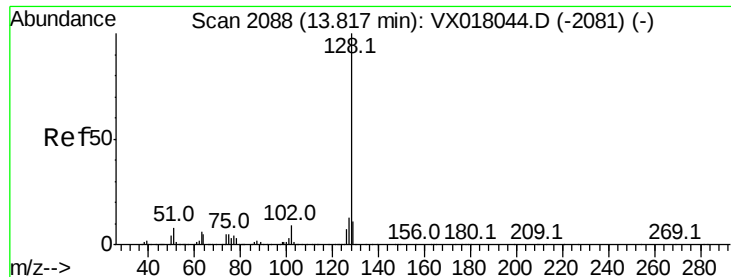
Abundance

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: 17.477 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

Instrument :

MSVOA_X

ClientSampleId :

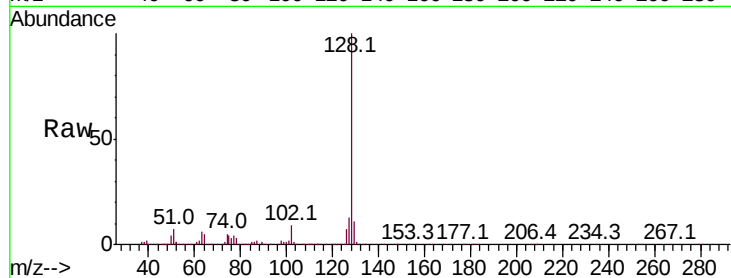
Tot Ion:128 Resp: 351666

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.2

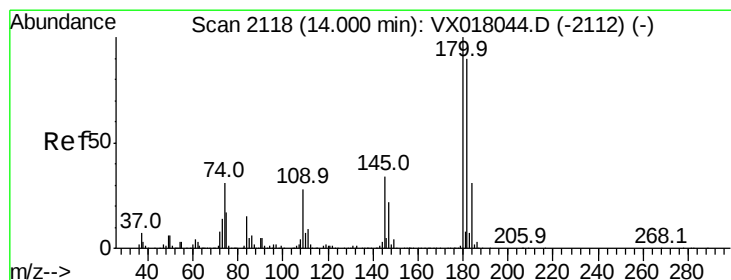
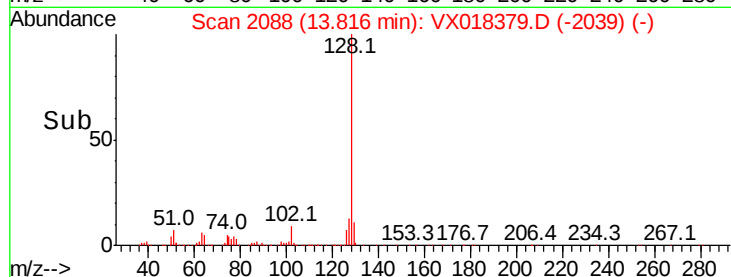
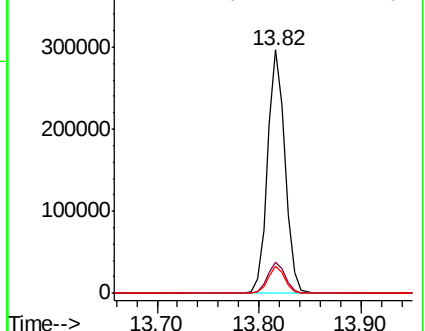
129 10.7 8.7 13.1



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: 18.951 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018379.D

Acq: 14 Sep 2020 12:48

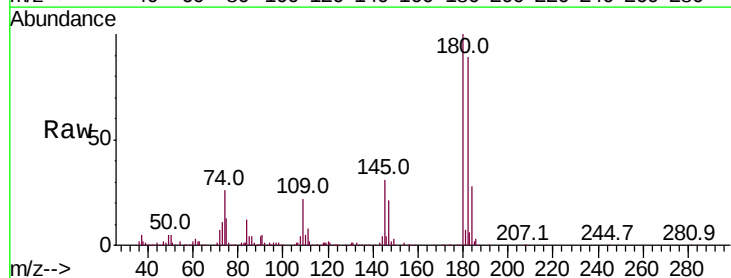
Tgt Ion:180 Resp: 114492

Ion Ratio Lower Upper

180 100

182 93.9 47.3 142.0

145 33.2 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

