

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090320\
 Data File : VX018247.D
 Acq On : 03 Sep 2020 19:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 04 01:24:39 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	426995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	668163	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	653210	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	347553	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	313908	52.96	ug/l	0.00
Spiked Amount			Recovery	=	105.92%	
35) Dibromofluoromethane	5.46	113	242129	53.21	ug/l	0.00
Spiked Amount			Recovery	=	106.42%	
50) Toluene-d8	8.70	98	851744	50.25	ug/l	0.00
Spiked Amount			Recovery	=	100.50%	
62) 4-Bromofluorobenzene	11.12	95	351482	52.71	ug/l	0.00
Spiked Amount			Recovery	=	105.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	252075	48.488	ug/l	98
3) Chloromethane	1.31	50	243248	44.381	ug/l	98
4) Vinyl Chloride	1.39	62	251582	46.111	ug/l	100
5) Bromomethane	1.62	94	159812	60.727	ug/l	97
6) Chloroethane	1.71	64	149197	50.913	ug/l	97
7) Trichlorofluoromethane	1.91	101	417010	56.052	ug/l	99
8) Diethyl Ether	2.17	74	129115	51.175	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	206606	51.368	ug/l	98
10) Methyl Iodide	2.49	142	207542	48.416	ug/l	97
11) Tert butyl alcohol	3.01	59	270052	234.303	ug/l	100
12) 1,1-Dichloroethene	2.36	96	202193	48.455	ug/l	97
13) Acrolein	2.27	56	88956	186.136	ug/l	99
14) Allyl chloride	2.71	41	370294	49.393	ug/l	98
15) Acrylonitrile	3.12	53	648678	248.109	ug/l	99
16) Acetone	2.42	43	573896	248.459	ug/l	97
17) Carbon Disulfide	2.55	76	560259	44.414	ug/l	99
18) Methyl Acetate	2.75	43	324022	58.132	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	752162	52.560	ug/l	97
20) Methylene Chloride	2.84	84	237132	50.214	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	219612	47.503	ug/l	98
22) Diisopropyl ether	3.82	45	746065	50.421	ug/l	92
23) Vinyl Acetate	3.79	43	3301929	250.787	ug/l	99
24) 1,1-Dichloroethane	3.67	63	420138	49.880	ug/l	98
25) 2-Butanone	4.64	43	907000	238.929	ug/l	99
26) 2,2-Dichloropropane	4.56	77	333319	48.636	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	255467	47.960	ug/l	99
28) Bromochloromethane	4.98	49	191238	47.037	ug/l	97
29) Tetrahydrofuran	5.09	42	575557	238.175	ug/l	98
30) Chloroform	5.18	83	446879	51.238	ug/l	99
31) Cyclohexane	5.55	56	335498	47.286	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	426689	53.311	ug/l	99
36) 1,1-Dichloropropene	5.77	75	316898	51.421	ug/l	100
37) Ethyl Acetate	4.79	43	348580	48.700	ug/l	99
38) Carbon Tetrachloride	5.76	117	379227	54.603	ug/l	97

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Quant Time: Sep 04 01:24:39 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	336847	49.986	ug/l	99
40) Benzene	6.12	78	900038	49.702	ug/l	99
41) Methacrylonitrile	5.00	41	193587	49.258	ug/l	97
42) 1,2-Dichloroethane	6.17	62	381891	55.043	ug/l	97
43) Isopropyl Acetate	6.41	43	575069	49.742	ug/l	100
44) Trichloroethene	7.19	130	254961	49.829	ug/l	98
45) 1,2-Dichloropropane	7.49	63	244380	50.072	ug/l	94
46) Dibromomethane	7.64	93	175241	51.059	ug/l	100
47) Bromodichloromethane	7.88	83	367800	53.671	ug/l	98
48) Methyl methacrylate	7.74	41	289282	50.265	ug/l	97
49) 1,4-Dioxane	7.71	88	86337	828.175	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1823405	255.331	ug/l	100
52) Toluene	8.77	92	583980	50.858	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	390844	51.460	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	405878	50.447	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	253841	51.833	ug/l	99
56) Ethyl methacrylate	9.16	69	374305	51.413	ug/l	99
57) 1,3-Dichloropropane	9.35	76	411296	50.920	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	693742	211.828	ug/l	98
59) 2-Hexanone	9.48	43	1417258	260.997	ug/l	99
60) Dibromochloromethane	9.57	129	311886	54.289	ug/l	99
61) 1,2-Dibromoethane	9.65	107	269583	50.704	ug/l	98
64) Tetrachloroethene	9.32	164	236358	49.239	ug/l	93
65) Chlorobenzene	10.12	112	659308	50.537	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	272008	52.900	ug/l	97
67) Ethyl Benzene	10.24	91	1136040	51.205	ug/l	96
68) m/p-Xylenes	10.34	106	882033	106.515	ug/l	99
69) o-Xylene	10.68	106	422561	52.640	ug/l	98
70) Styrene	10.70	104	743927	54.418	ug/l	99
71) Bromoform	10.84	173	248639	56.692	ug/l	98
73) Isopropylbenzene	11.00	105	1147432	50.052	ug/l	98
74) N-amyl acetate	10.88	43	526278	48.384	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	381130	47.128	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	471001	60.920	ug/l	84
77) Bromobenzene	11.24	156	296294	46.757	ug/l	96
78) n-propylbenzene	11.34	91	1327240	50.988	ug/l	100
79) 2-Chlorotoluene	11.40	91	823071	51.179	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1012111	53.725	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	132787	46.387	ug/l	95
82) 4-Chlorotoluene	11.49	91	987188	51.636	ug/l	98
83) tert-Butylbenzene	11.76	119	985356	53.001	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1033394	53.654	ug/l	99
85) sec-Butylbenzene	11.93	105	1136405	53.751	ug/l	100
86) p-Isopropyltoluene	12.05	119	1070479	55.122	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	552757	49.682	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	561795	50.431	ug/l	97
89) n-Butylbenzene	12.37	91	928118	52.361	ug/l	98
90) Hexachloroethane	12.58	117	206530	54.053	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	527318	50.350	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94800	46.882	ug/l	98

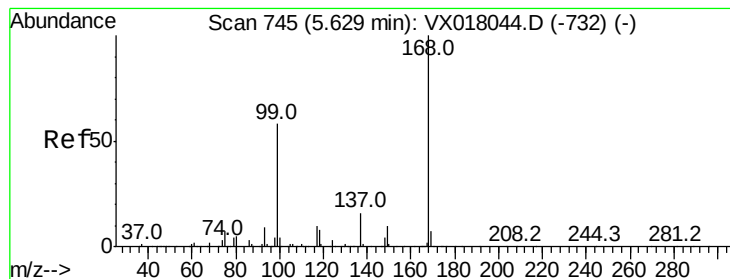
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Quant Title : SW846 8260
QLast Update : Fri Aug 21 03:03:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	361703	51.792	ug/l	97
94) Hexachlorobutadiene	13.76	225	155181	56.335	ug/l	96
95) Naphthalene	13.82	128	1167492	50.797	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	351103	50.880	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

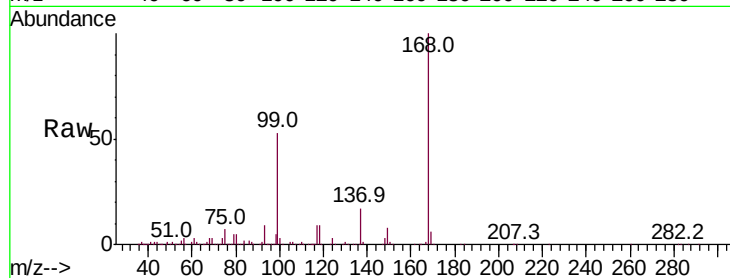
ClientSampleId :

Tot Ion:168 Resp: 426995

Ion Ratio Lower Upper

168 100

99 53.1 46.3 69.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

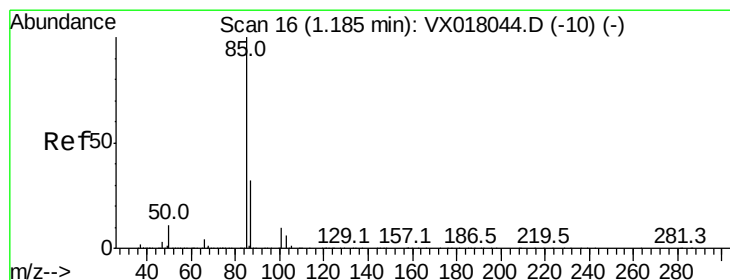
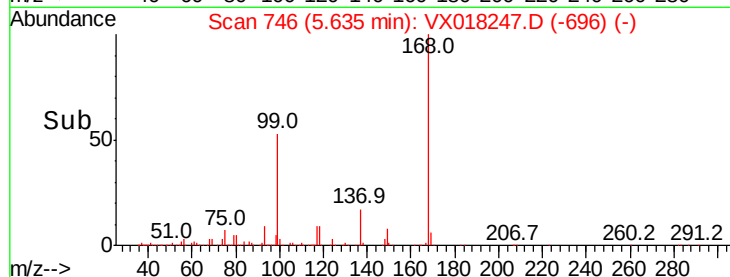
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.488 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018247.D

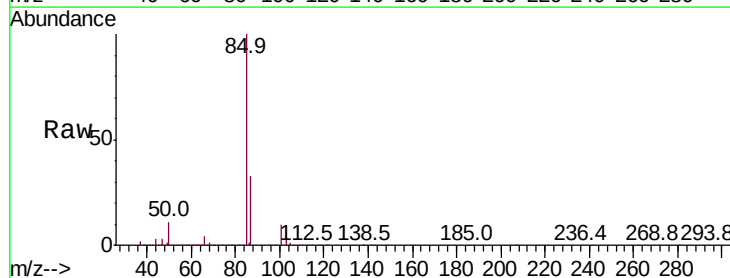
Acq: 03 Sep 2020 19:54

Tgt Ion: 85 Resp: 252075

Ion Ratio Lower Upper

85 100

87 33.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

300000

250000

200000

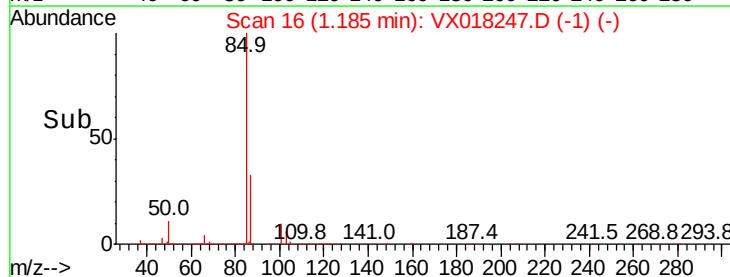
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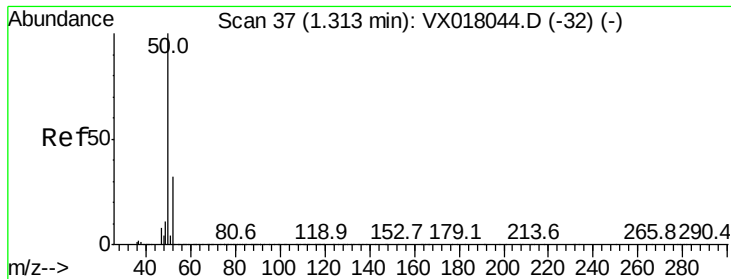
100000

50000

0

Time-->





#3

Chloromethane

Concen: 44.381 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

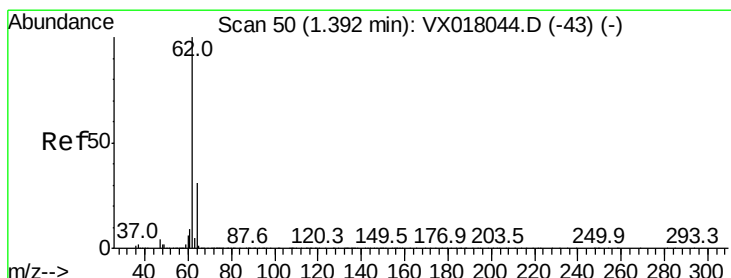
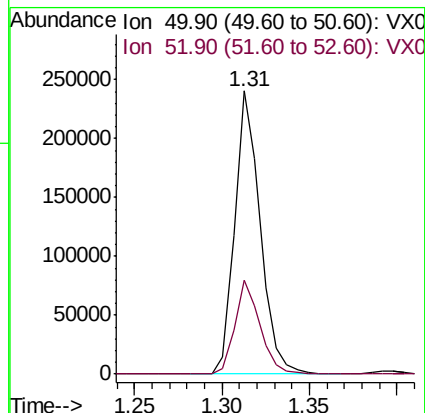
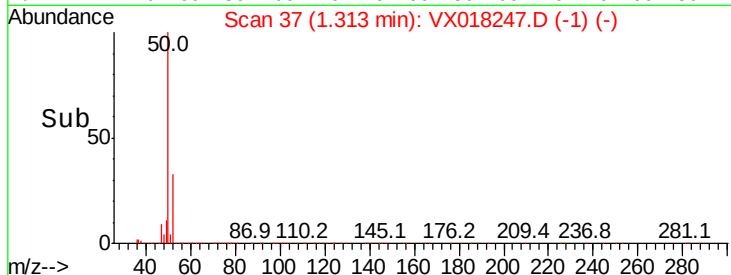
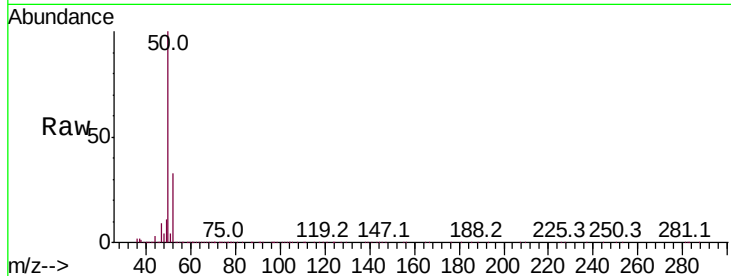
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 243248

Ion Ratio Lower Upper

50 100

52 33.0 25.4 38.2



#4

Vinyl Chloride

Concen: 46.111 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX018247.D

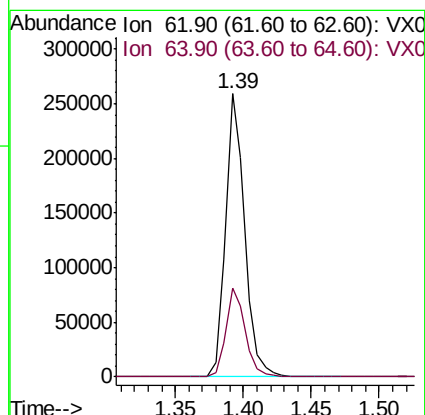
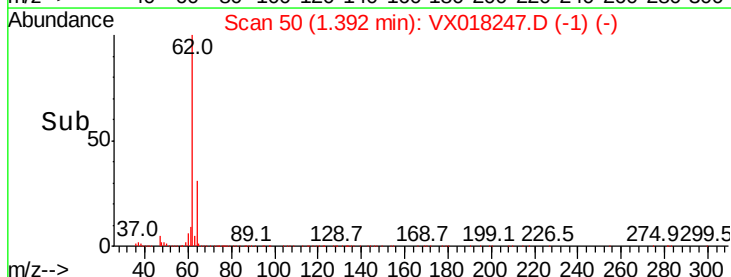
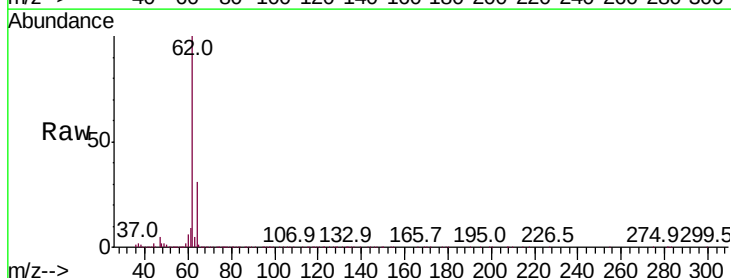
Acq: 03 Sep 2020 19:54

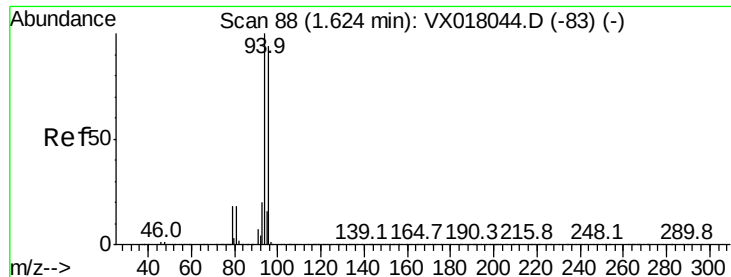
Tgt Ion: 62 Resp: 251582

Ion Ratio Lower Upper

62 100

64 31.3 25.1 37.7





#5

Bromomethane

Concen: 60.727 ug/l

RT: 1.62 min Scan# 88

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

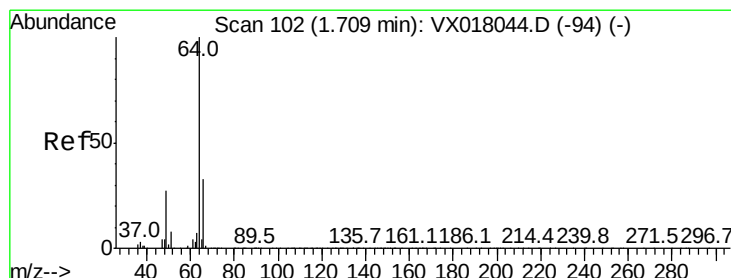
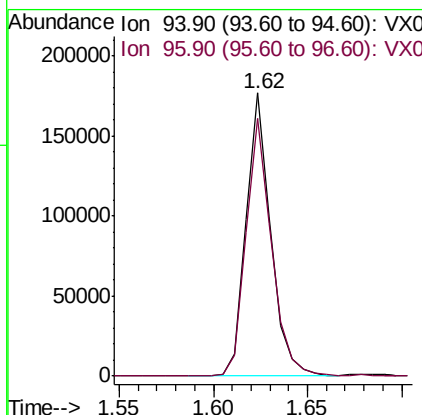
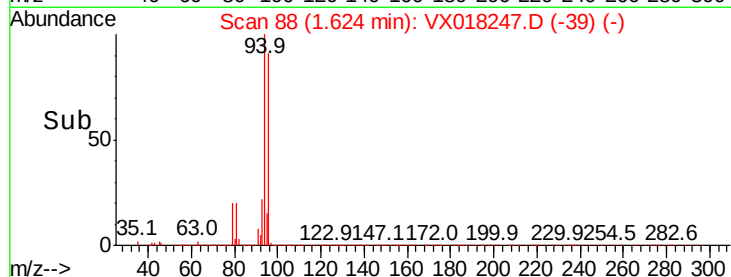
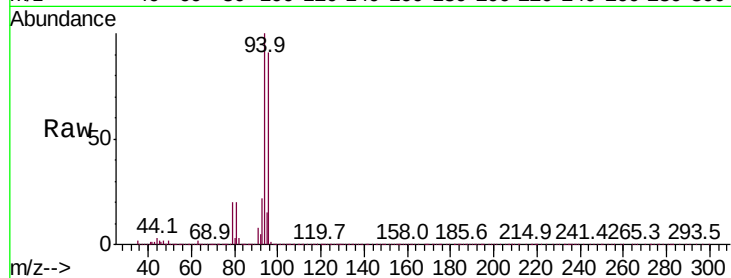
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 159812

Ion Ratio Lower Upper

94 100

96 91.0 74.8 112.2



#6

Chloroethane

Concen: 50.913 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX018247.D

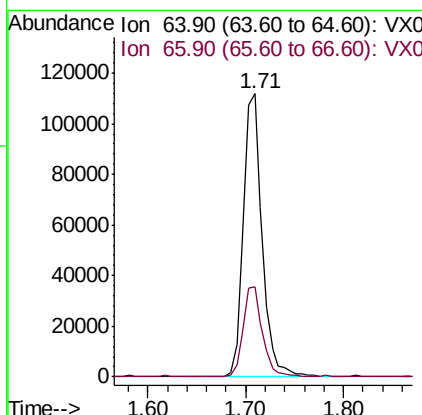
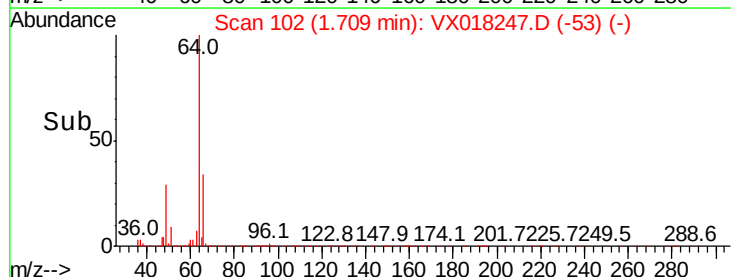
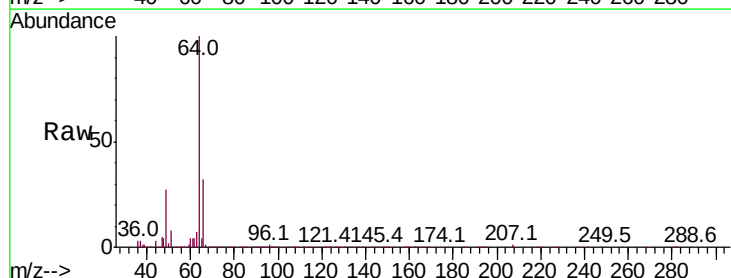
Acq: 03 Sep 2020 19:54

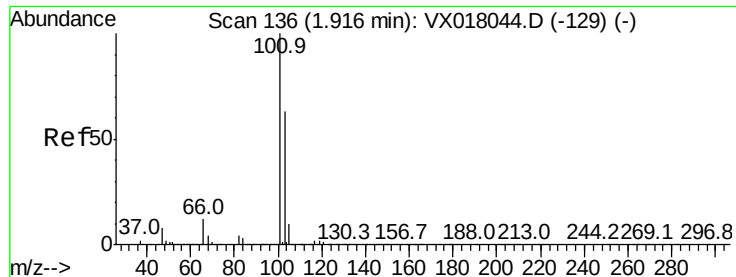
Tgt Ion: 64 Resp: 149197

Ion Ratio Lower Upper

64 100

66 31.6 26.6 39.8



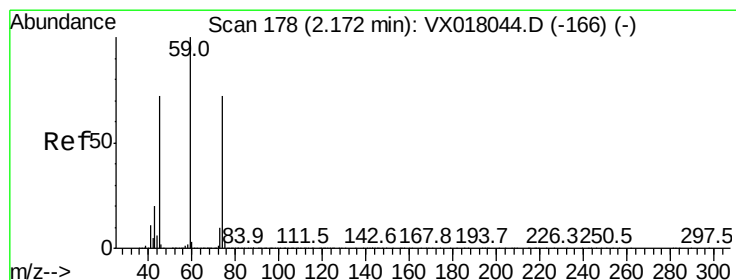
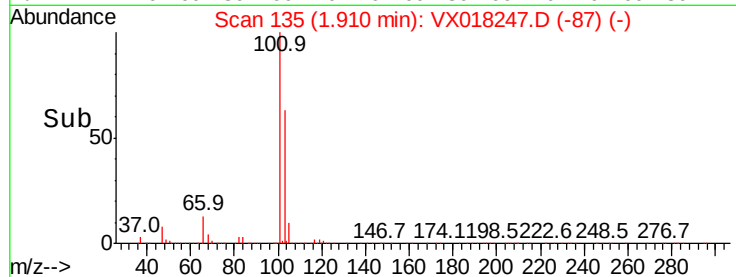
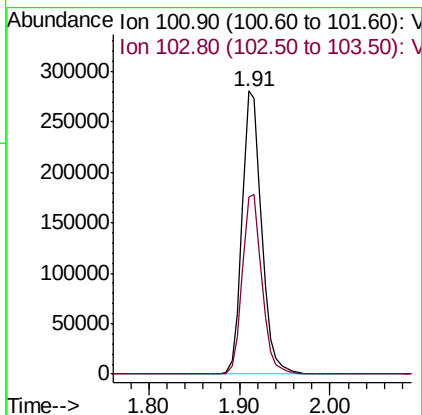
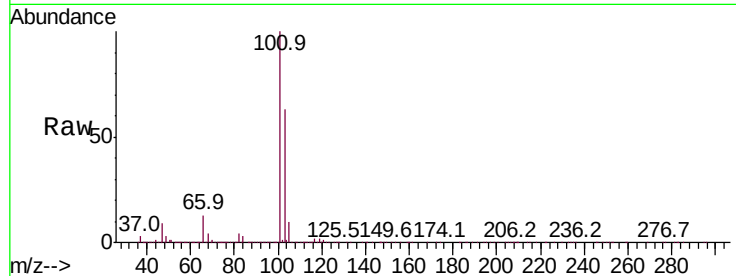


#7

Trichlorofluoromethane
Concen: 56.052 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :

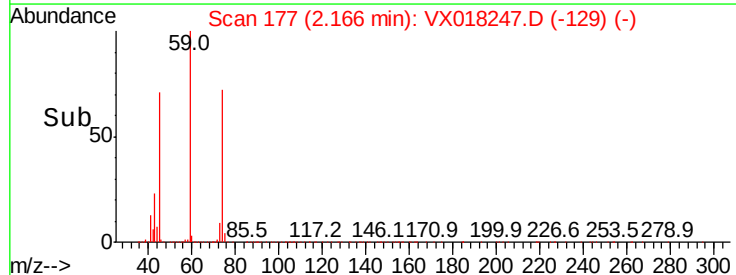
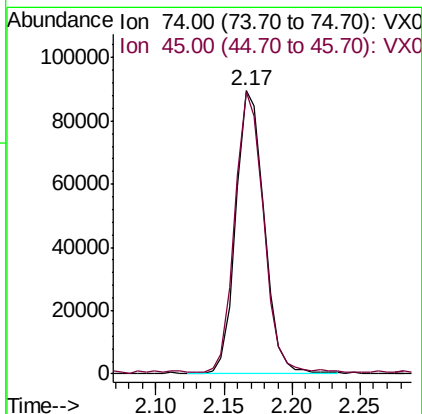
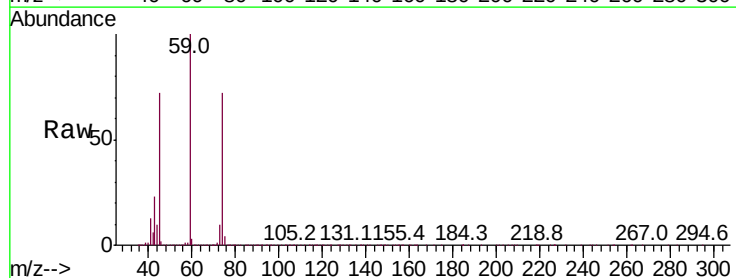
Tot Ion:101 Resp: 417010
Ion Ratio Lower Upper
101 100
103 62.6 50.7 76.1

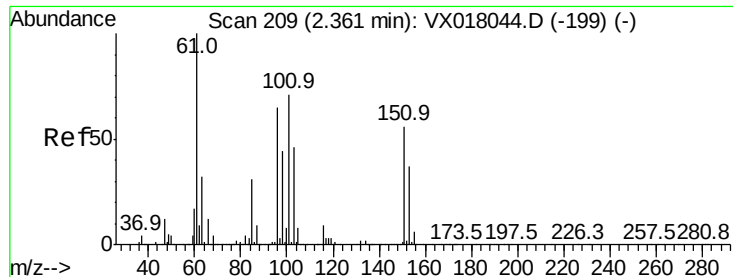


#8

Diethyl Ether
Concen: 51.175 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.01 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion: 74 Resp: 129115
Ion Ratio Lower Upper
74 100
45 101.6 50.7 152.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.368 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX018247.D

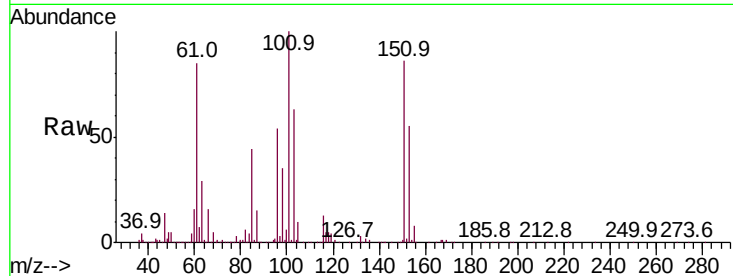
Acq: 03 Sep 2020 19:54

Instrument :

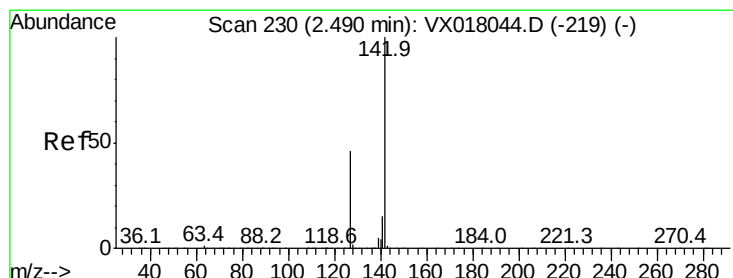
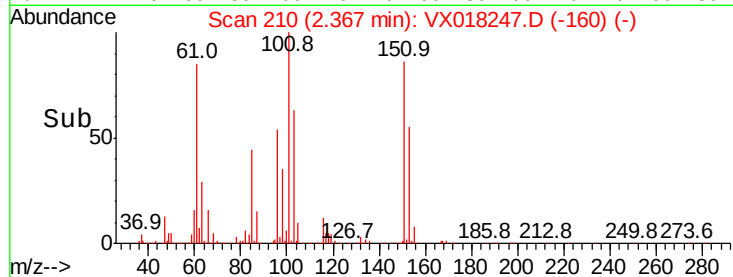
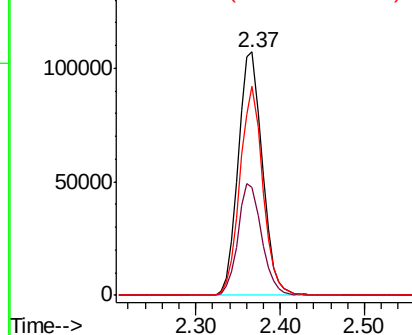
MSVOA_X

ClientSampleId :

Tot Ion:	101	Resp:	206606
Ion Ratio	Lower	Upper	
101	100		
85	45.3	34.0	51.0
151	81.2	65.2	97.8



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 84.90 (84.60 to 85.60): VX0
Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.416 ug/l

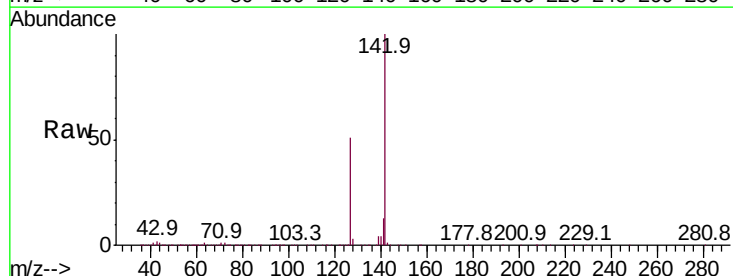
RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

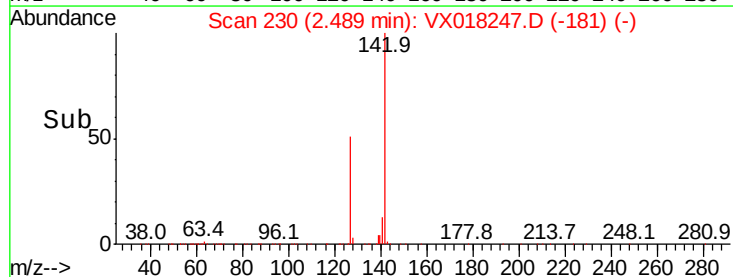
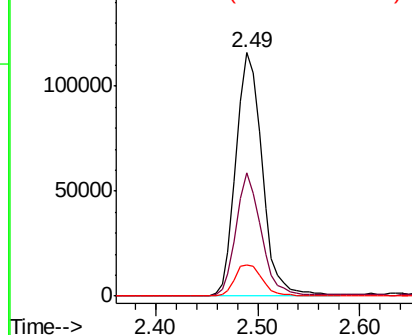
Lab File: VX018247.D

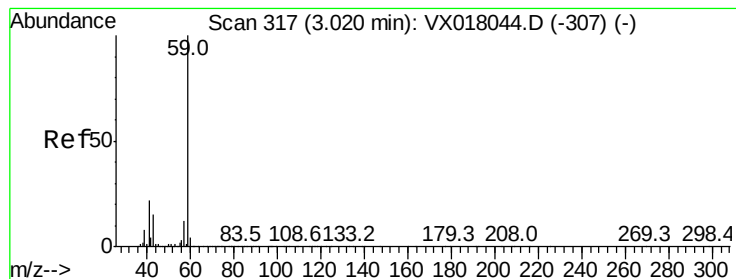
Acq: 03 Sep 2020 19:54

Tgt Ion:	142	Resp:	207542
Ion Ratio	Lower	Upper	
142	100		
127	48.5	37.0	55.6
141	13.5	11.5	17.3



Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V



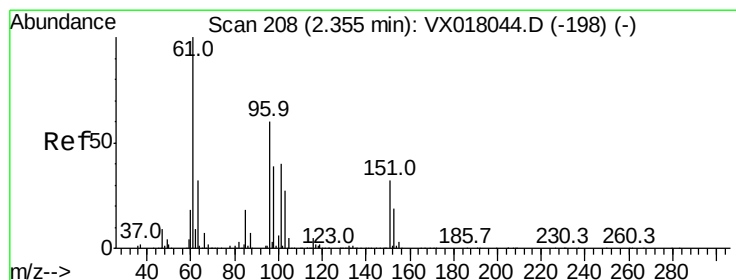
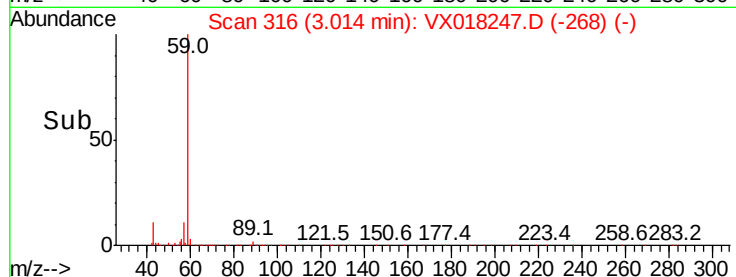
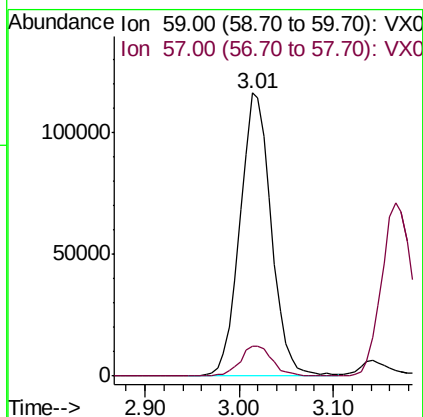
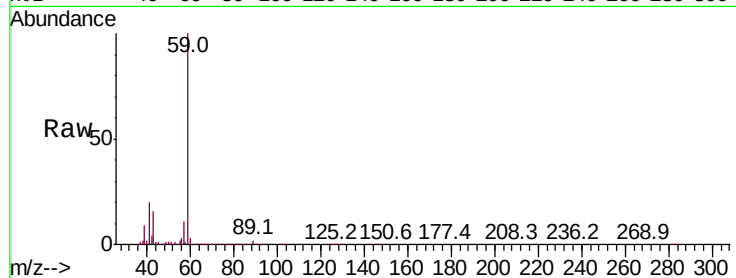


#11

Tert butyl alcohol
Concen: 234.303 ug/l
RT: 3.01 min Scan# 316
Delta R.T. -0.01 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :

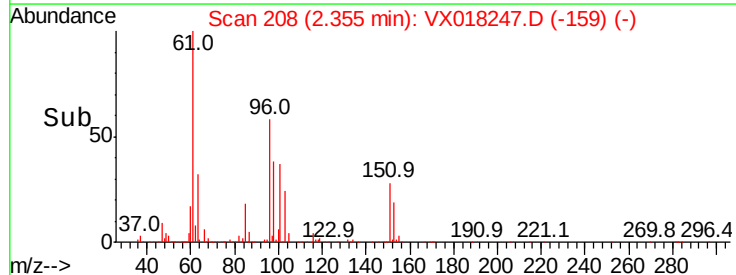
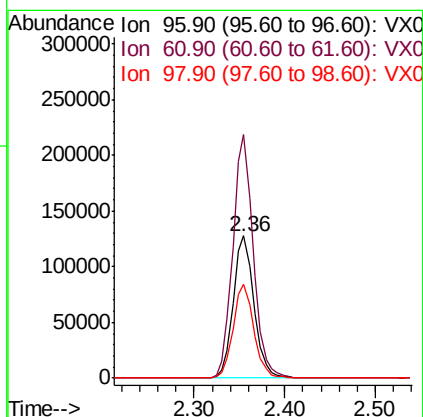
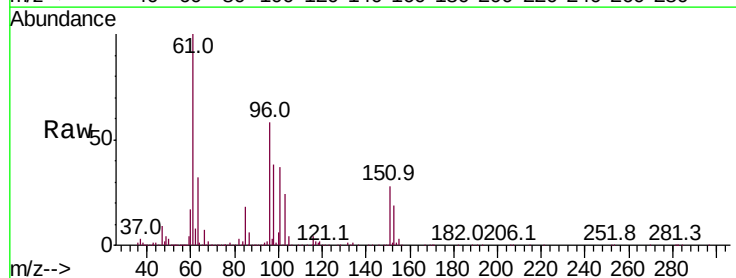
Tot Ion: 59 Resp: 270052
Ion Ratio Lower Upper
59 100
57 11.0 8.9 13.3

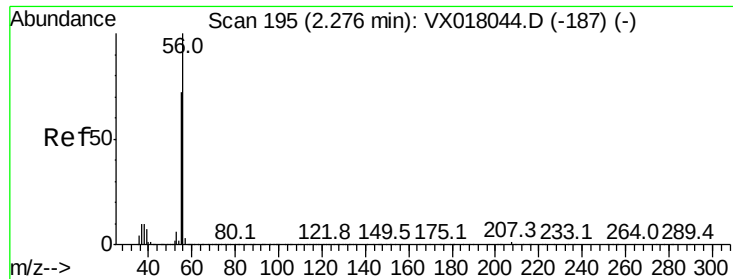


#12

1,1-Dichloroethene
Concen: 48.455 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion: 96 Resp: 202193
Ion Ratio Lower Upper
96 100
61 170.9 133.0 199.4
98 65.7 51.6 77.4

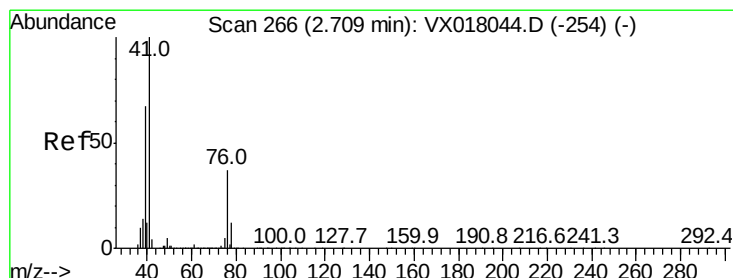
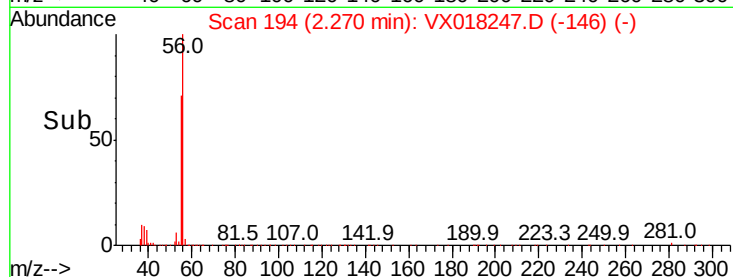
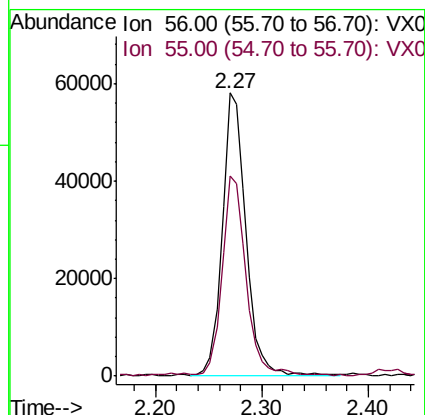
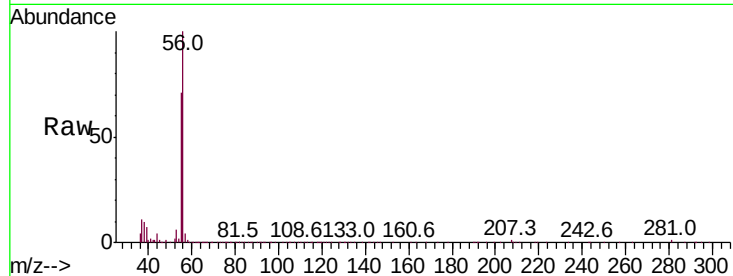




#13
Acrolein
Concen: 186.136 ug/l
RT: 2.27 min Scan# 194
Delta R.T. -0.01 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

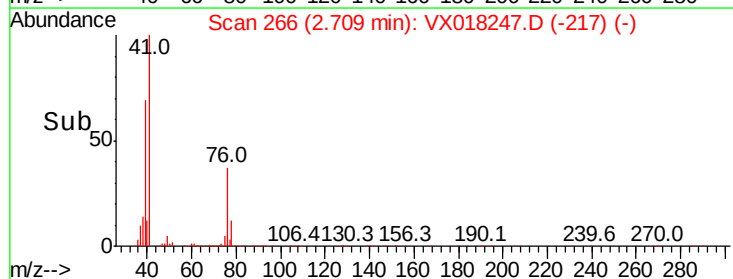
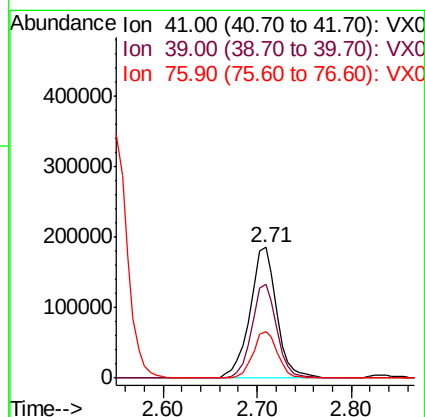
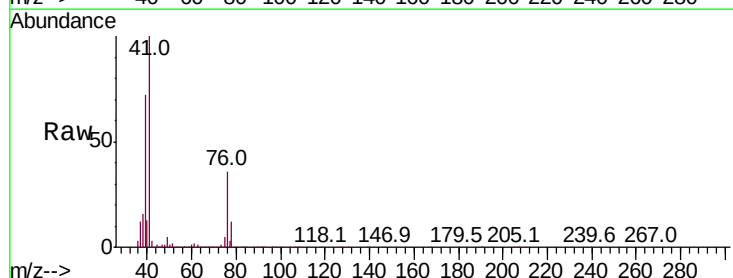
Instrument :
MSVOA_X
ClientSampleId :

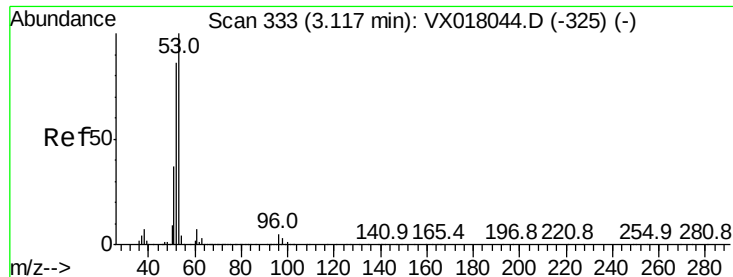
Tot Ion: 56 Resp: 88956
Ion Ratio Lower Upper
56 100
55 70.6 57.0 85.6



#14
Allyl chloride
Concen: 49.393 ug/l
RT: 2.71 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion: 41 Resp: 370294
Ion Ratio Lower Upper
41 100
39 66.1 50.6 76.0
76 32.5 26.2 39.2





#15

Acrylonitrile

Concen: 248.109 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

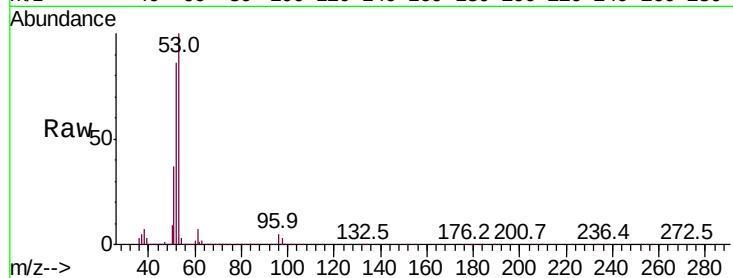
Tot Ion: 53 Resp: 648678

Ion Ratio Lower Upper

53 100

52 82.9 66.9 100.3

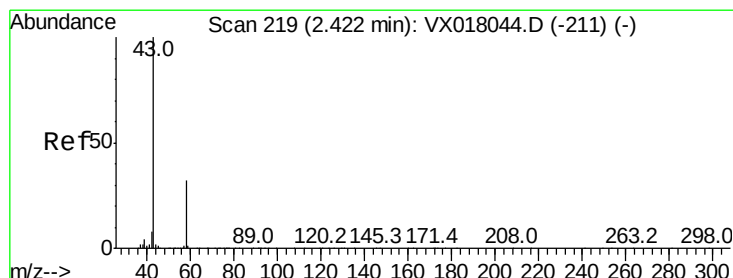
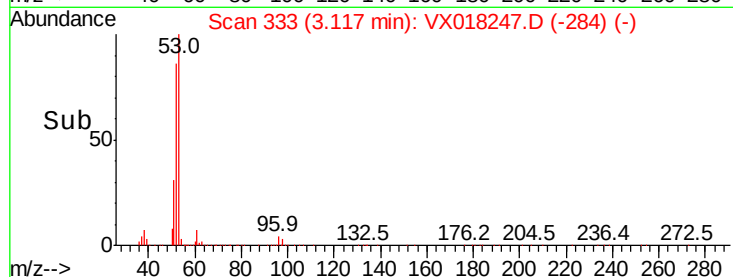
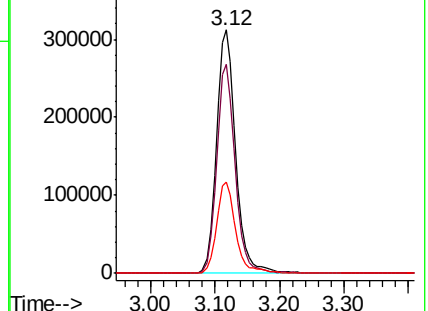
51 37.2 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 248.459 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX018247.D

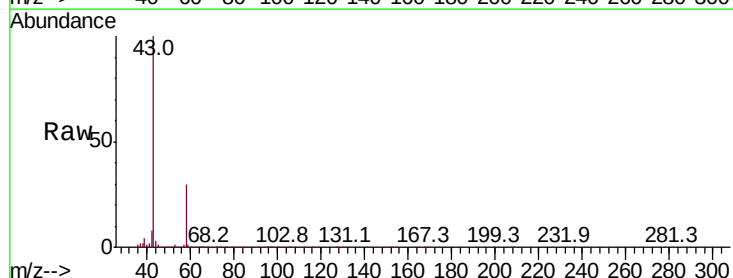
Acq: 03 Sep 2020 19:54

Tgt Ion: 43 Resp: 573896

Ion Ratio Lower Upper

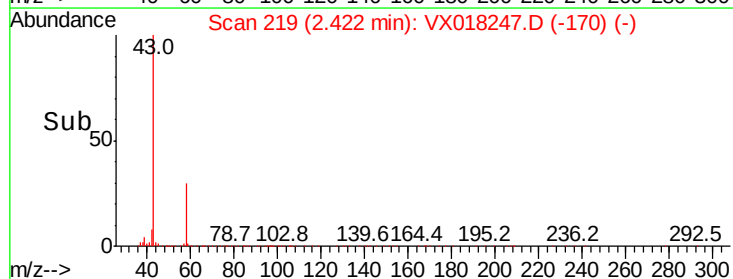
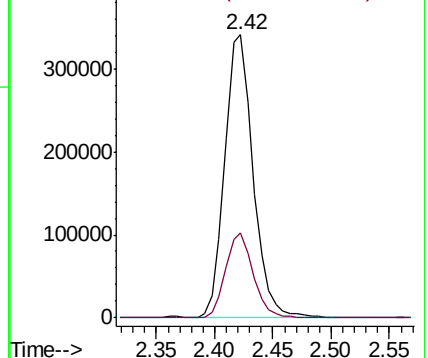
43 100

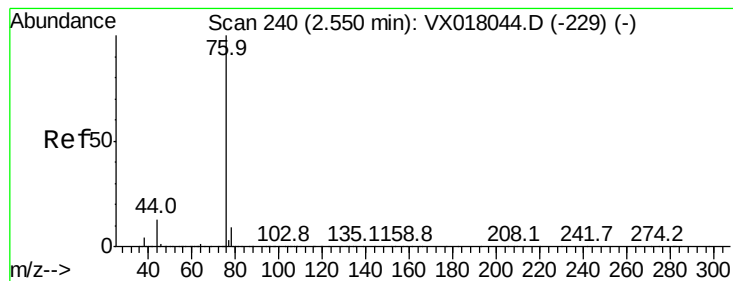
58 30.0 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 44.414 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

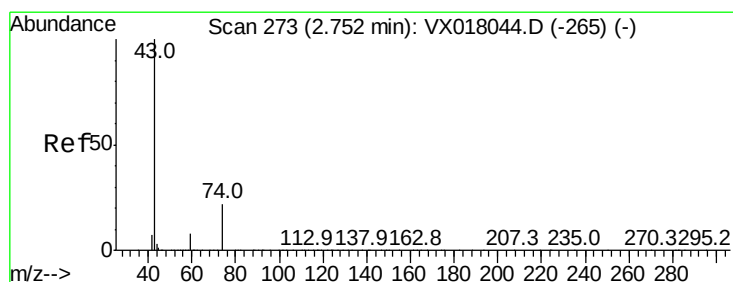
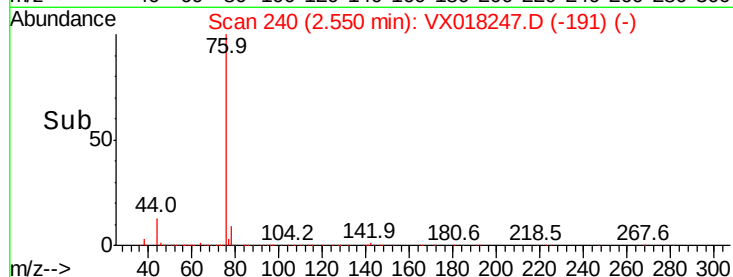
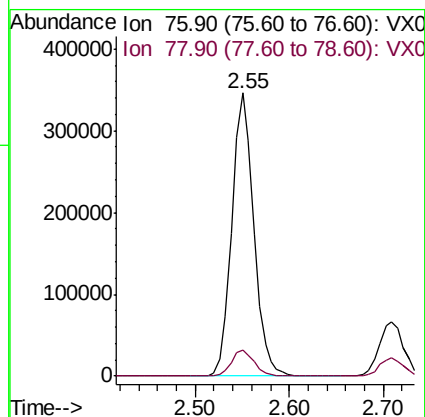
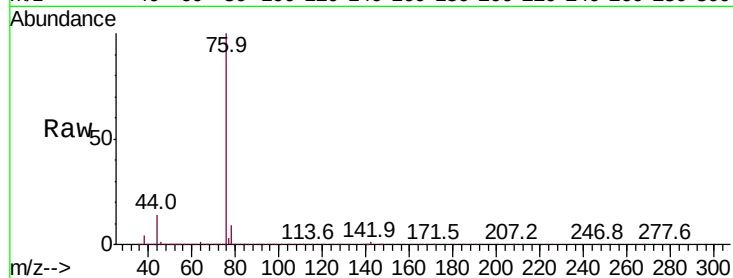
ClientSampleId :

Tot Ion: 76 Resp: 560259

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.0



#18

Methyl Acetate

Concen: 58.132 ug/l

RT: 2.75 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX018247.D

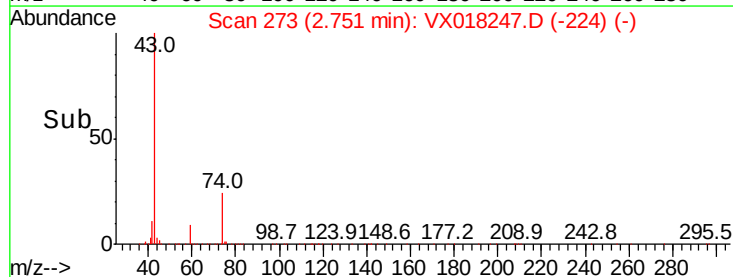
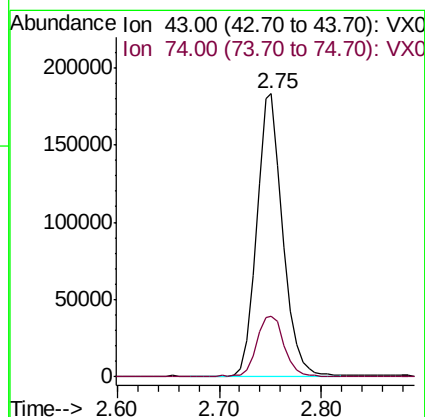
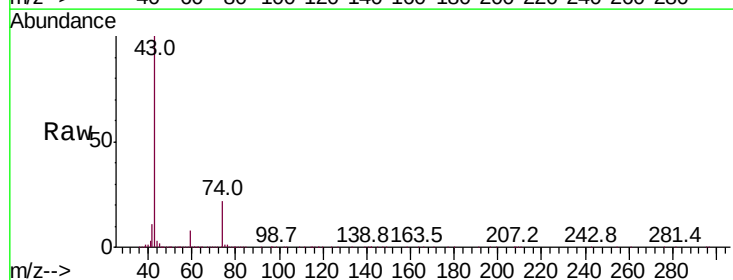
Acq: 03 Sep 2020 19:54

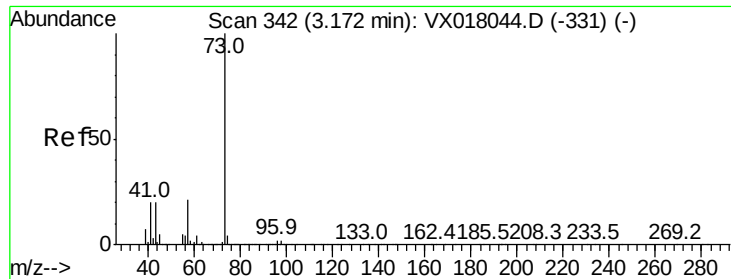
Tgt Ion: 43 Resp: 324022

Ion Ratio Lower Upper

43 100

74 23.1 18.2 27.4





#19

Methyl tert-butyl Ether

Concen: 52.560 ug/l

RT: 3.17 min Scan# 341

Delta R.T. -0.01 min

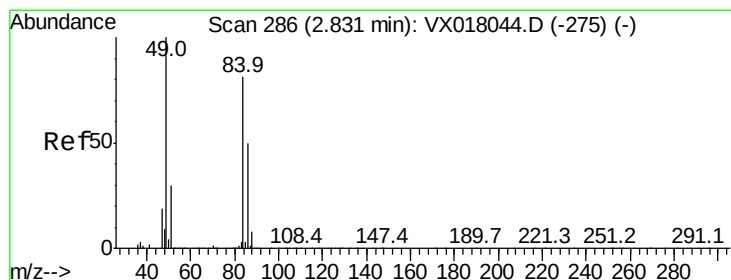
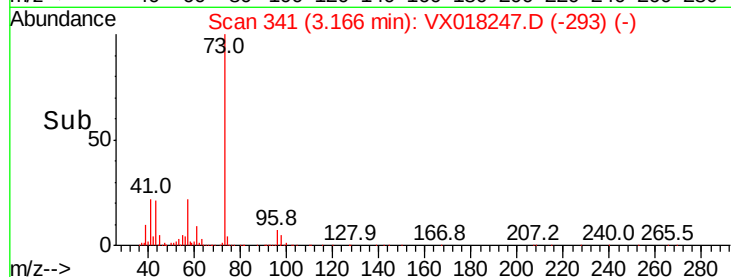
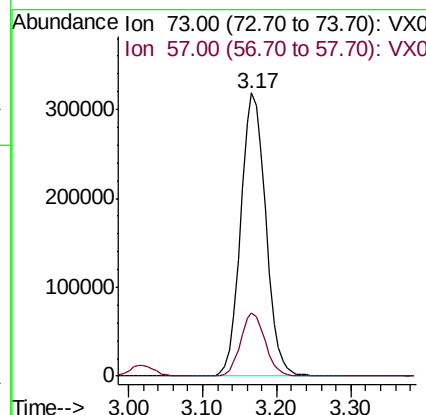
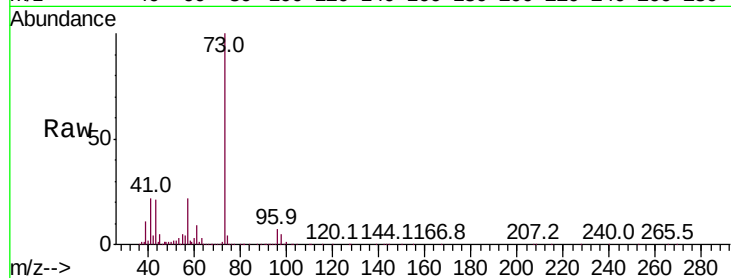
Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 73 Resp: 752162

Ion	Ratio	Lower	Upper
73	100		
57	22.4	16.8	25.2



#20

Methylene Chloride

Concen: 50.214 ug/l

RT: 2.84 min Scan# 287

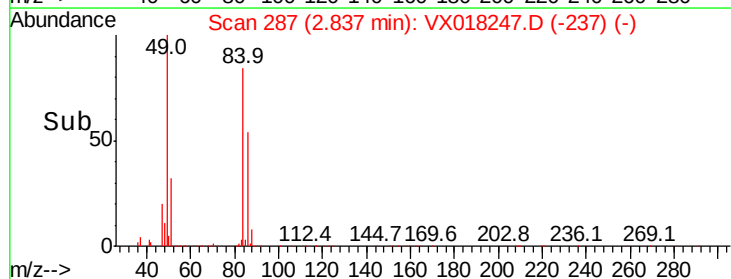
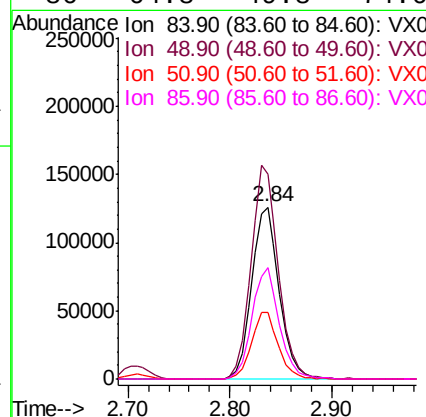
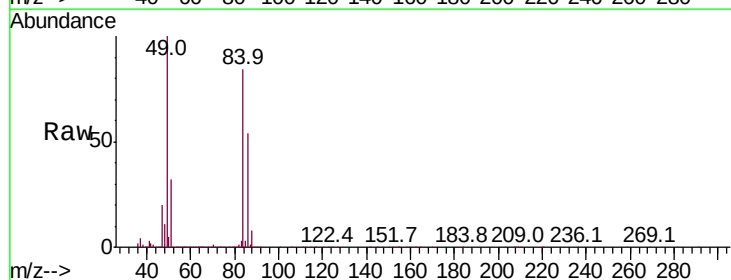
Delta R.T. 0.01 min

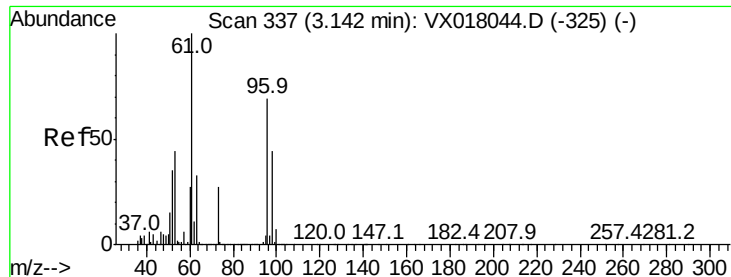
Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Tgt Ion: 84 Resp: 237132

Ion	Ratio	Lower	Upper
84	100		
49	119.1	98.6	148.0
51	38.2	29.6	44.4
86	64.8	49.8	74.6





#21

trans-1,2-Dichloroethene

Concen: 47.503 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :

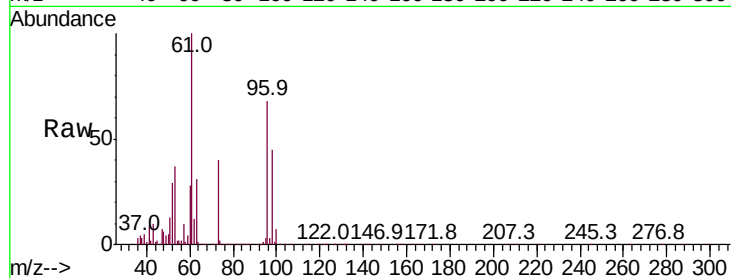
Tot Ion: 96 Resp: 219612

Ion Ratio Lower Upper

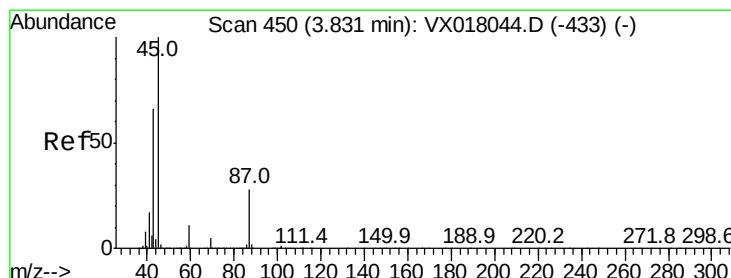
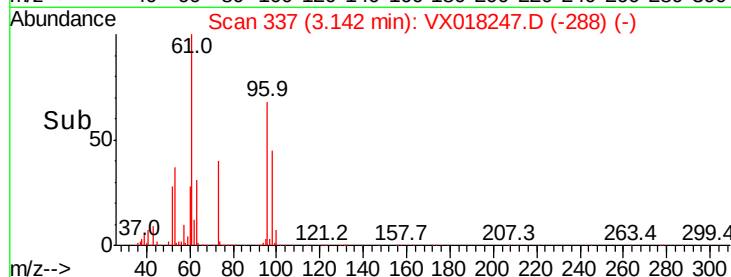
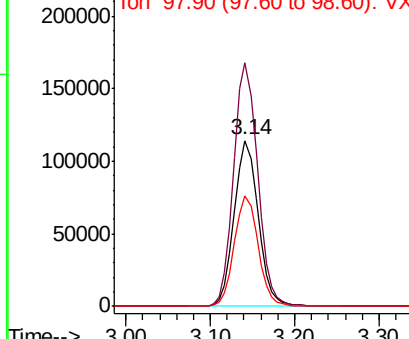
96 100

61 146.5 115.4 173.0

98 66.2 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: 50.421 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.01 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Tgt Ion: 45 Resp: 746065

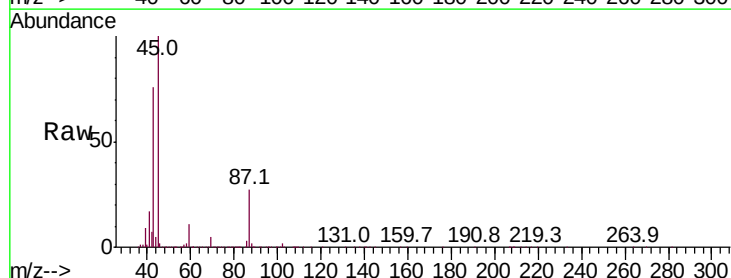
Ion Ratio Lower Upper

45 100

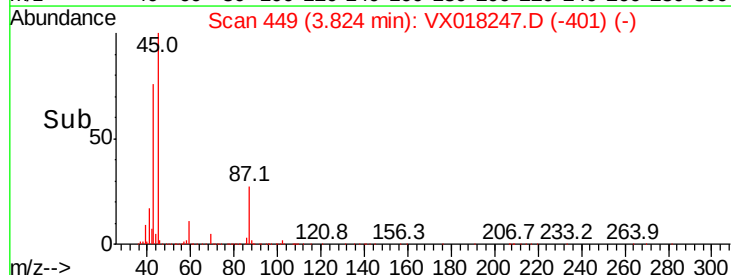
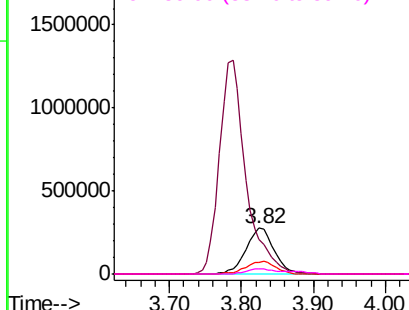
43 75.4 52.8 79.2

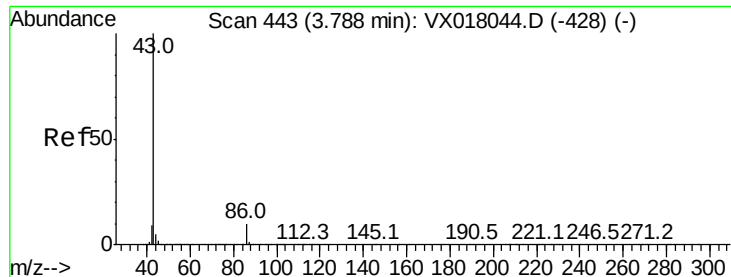
87 26.5 22.5 33.7

59 11.2 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: 250.787 ug/l

RT: 3.79 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

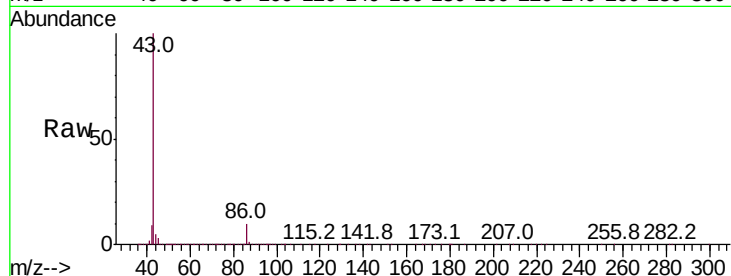
ClientSampled :

Tot Ion: 43 Resp: 3301929

Ion Ratio Lower Upper

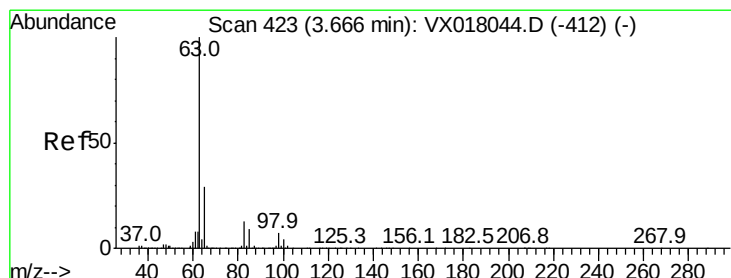
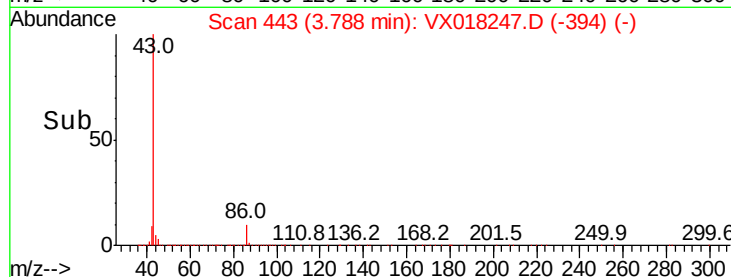
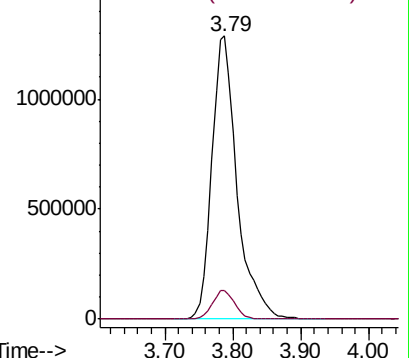
43 100

86 10.3 7.9 11.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.880 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

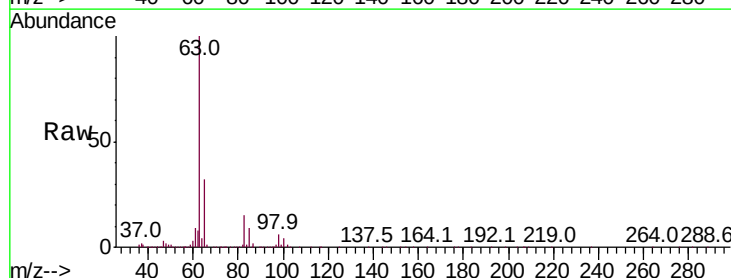
Tgt Ion: 63 Resp: 420138

Ion Ratio Lower Upper

63 100

98 6.3 3.6 10.8

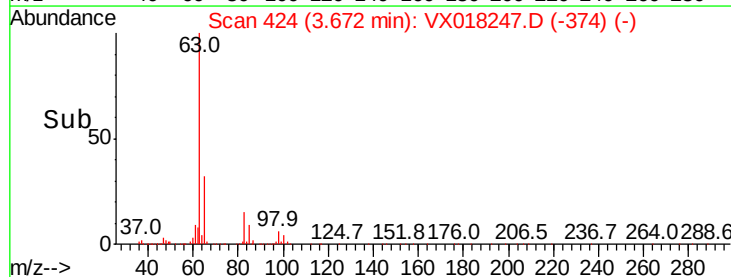
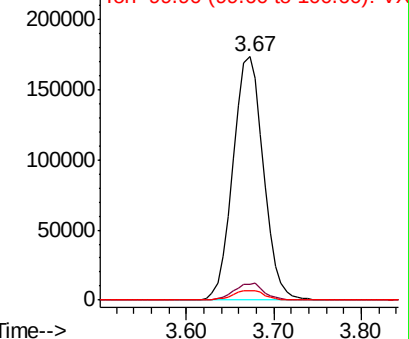
100 4.0 2.0 6.0

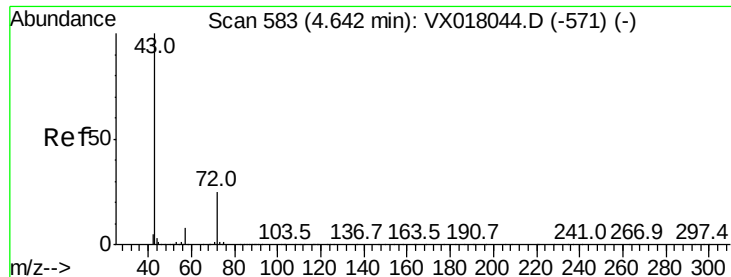


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 238.929 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

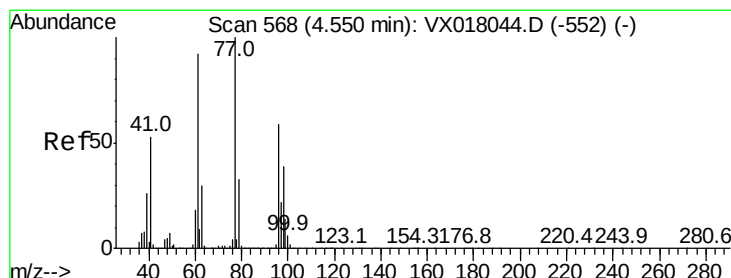
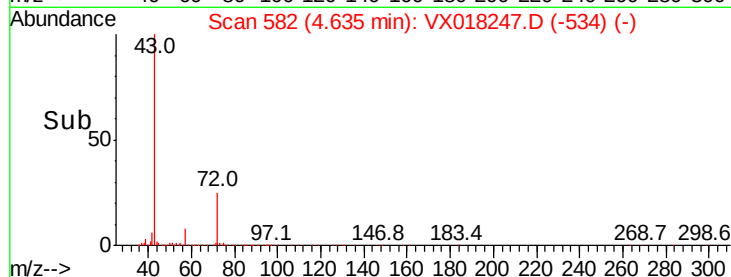
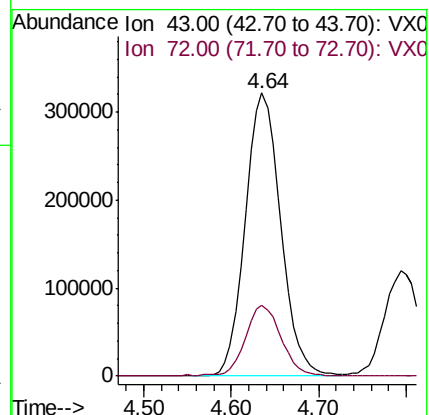
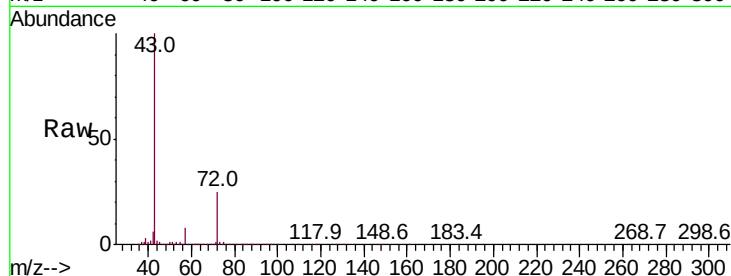
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 907000

Ion Ratio Lower Upper

43 100

72 25.0 19.8 29.6



#26

2,2-Dichloropropane

Concen: 48.636 ug/l

RT: 4.56 min Scan# 569

Delta R.T. 0.01 min

Lab File: VX018247.D

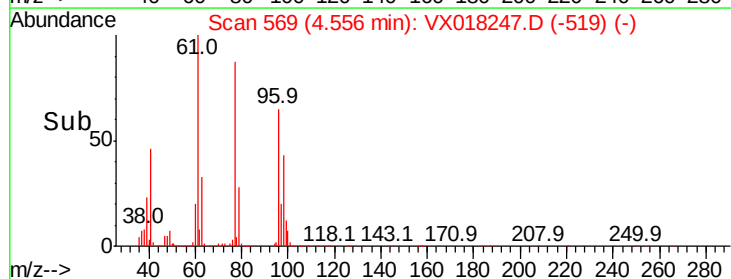
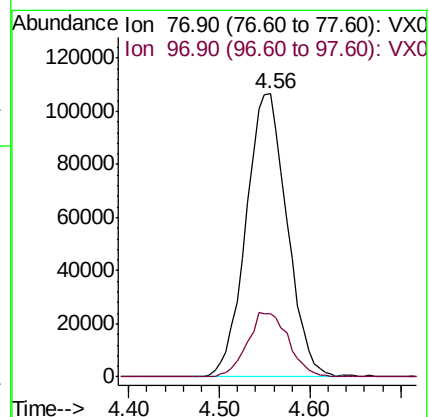
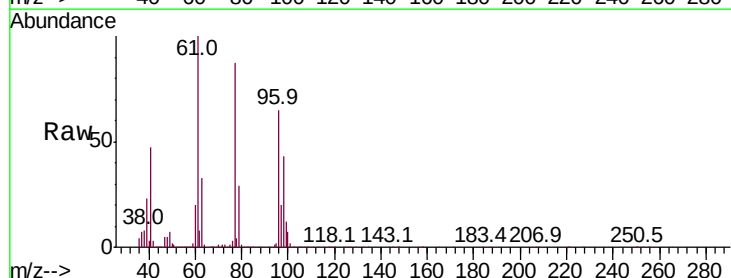
Acq: 03 Sep 2020 19:54

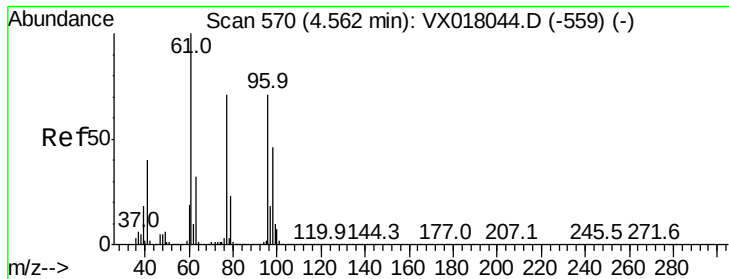
Tgt Ion: 77 Resp: 333319

Ion Ratio Lower Upper

77 100

97 23.0 11.5 34.5



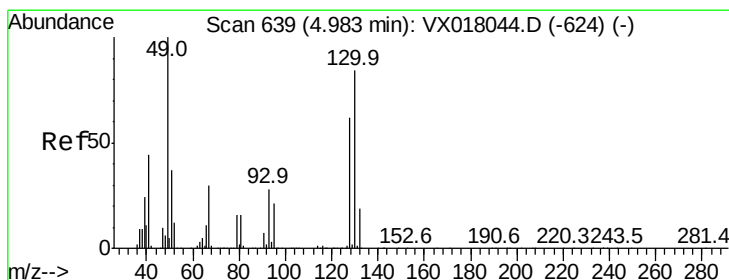
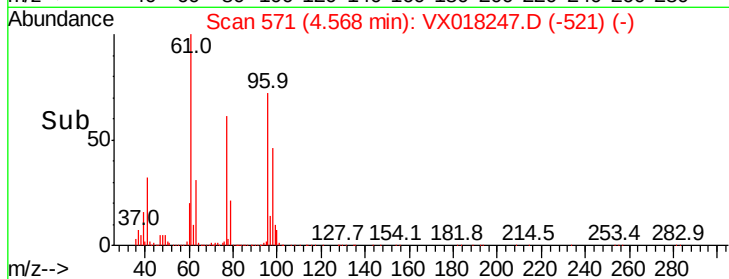
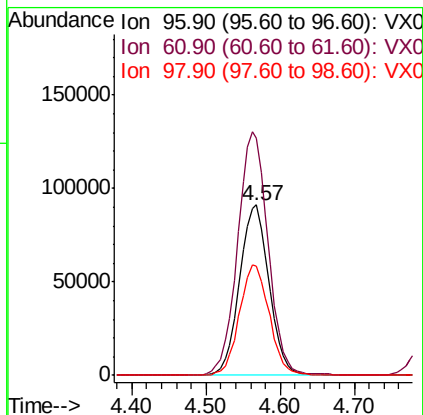
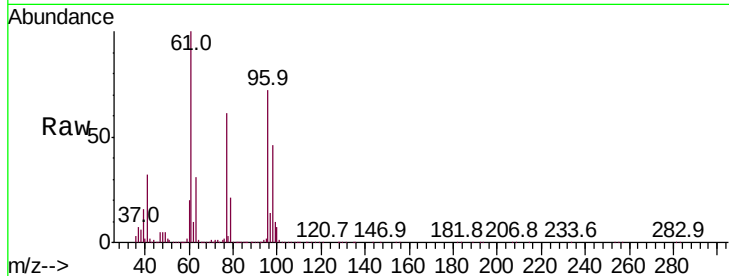


#27

cis-1,2-Dichloroethene
Concen: 47.960 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Instrument :
MSVOA_X
ClientSampleId :

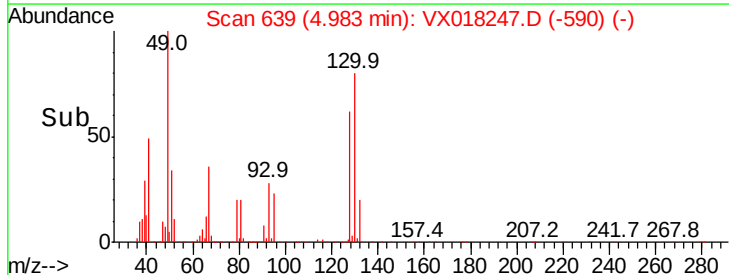
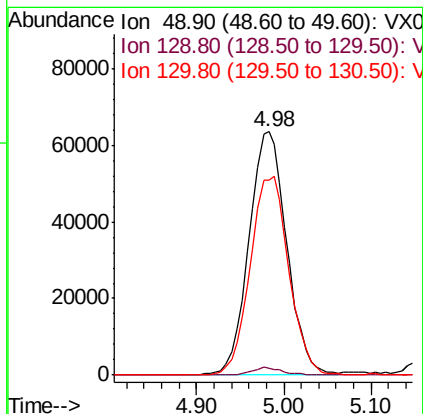
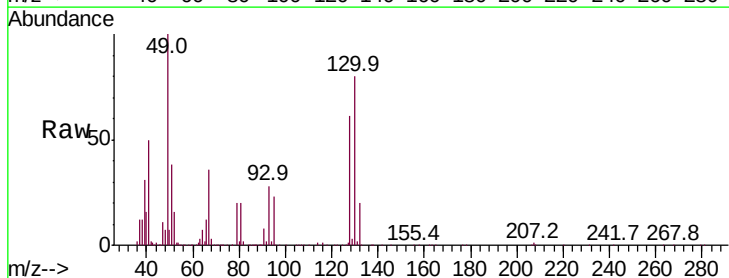
Tot Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	296.6
98	65.2	0.0	130.2

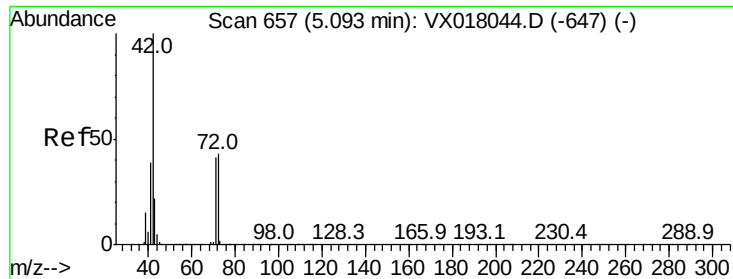


#28

Bromochloromethane
Concen: 47.037 ug/l
RT: 4.98 min Scan# 639
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	83.4	64.6	96.8

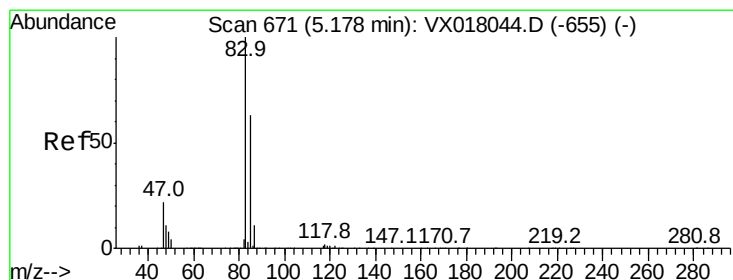
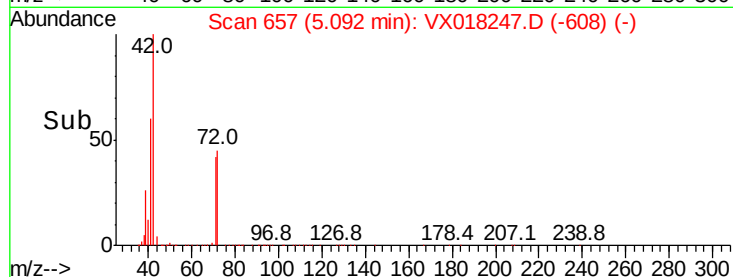
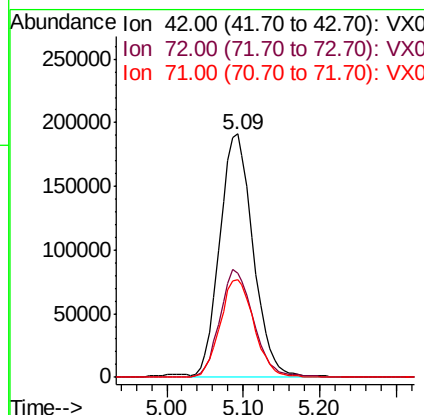
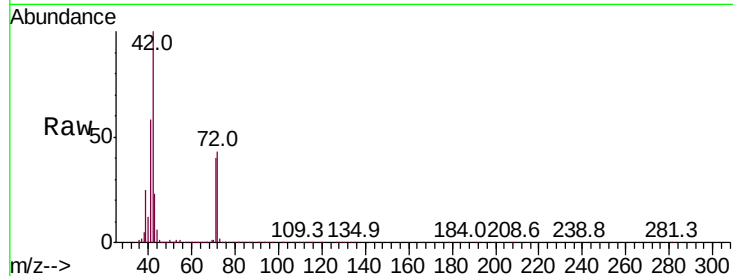




#29
Tetrahydrofuran
Concen: 238.175 ug/l
RT: 5.09 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

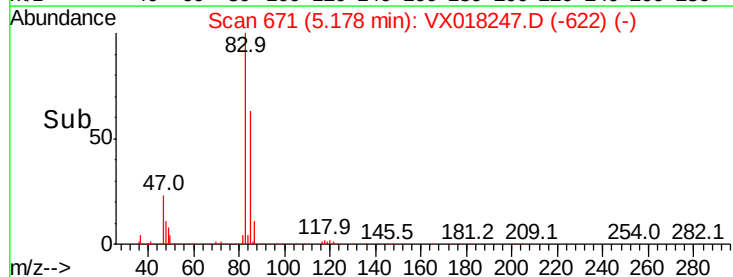
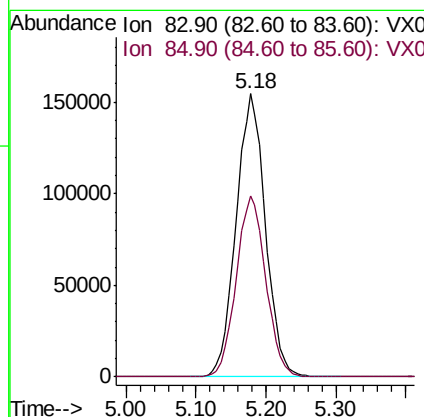
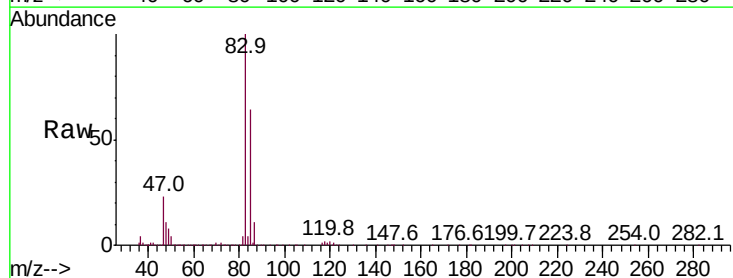
Instrument :
MSVOA_X
ClientSampled :

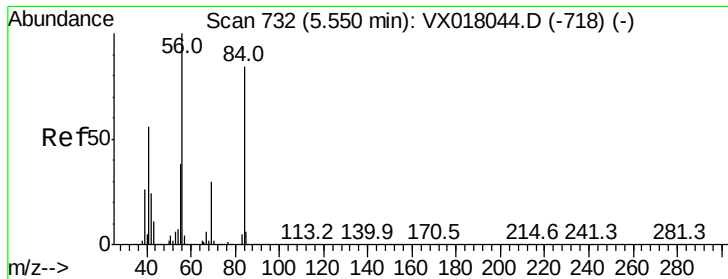
Tot Ion	Ratio	Lower	Upper
42	100		
72	44.8	34.2	51.4
71	41.0	32.1	48.1



#30
Chloroform
Concen: 51.238 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.7	76.1

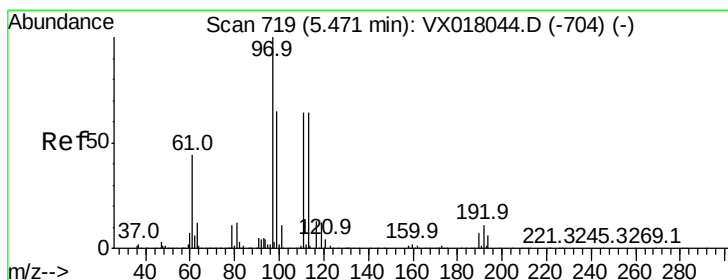
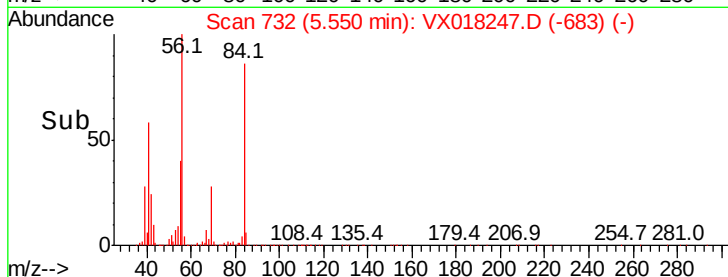
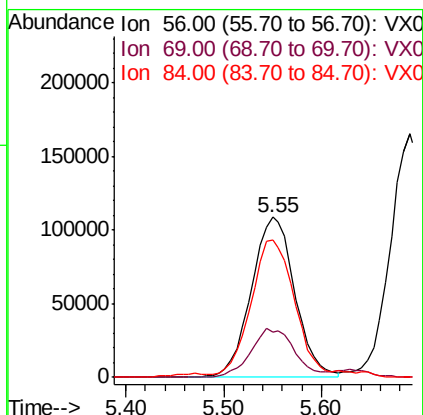
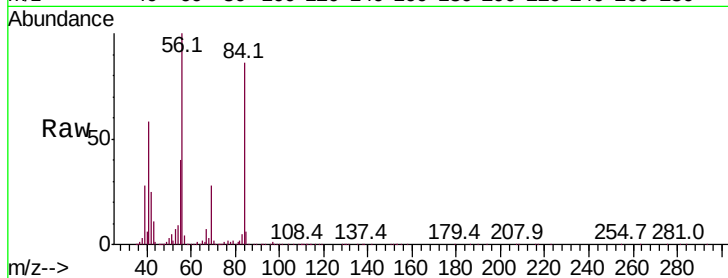




#31
Cyclohexane
Concen: 47.286 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

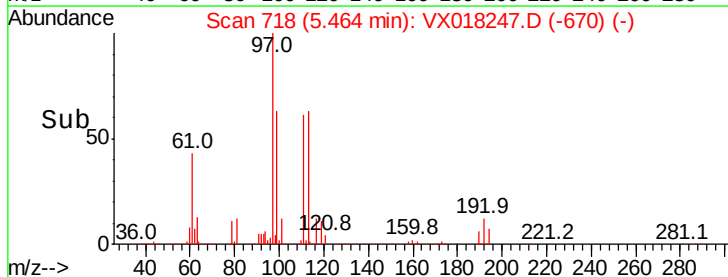
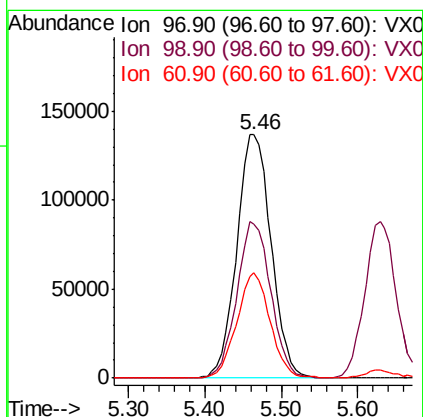
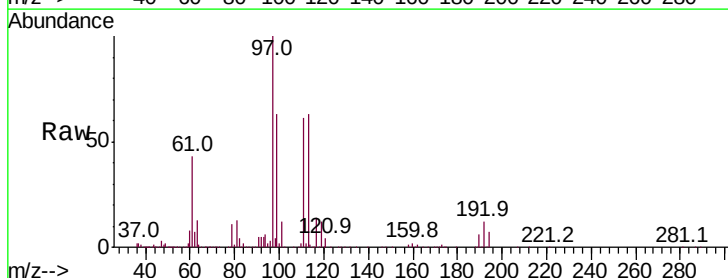
Instrument :
MSVOA_X
ClientSampleId :

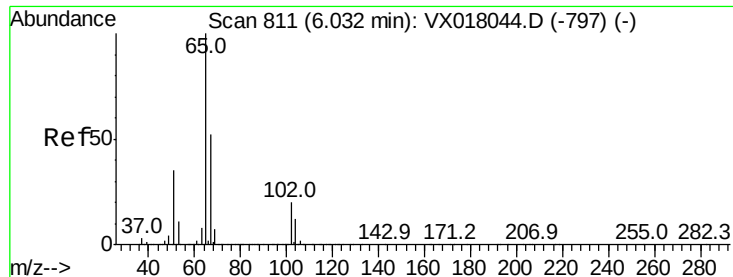
Tot Ion: 56 Resp: 335498
Ion Ratio Lower Upper
56 100
69 28.1 23.9 35.9
84 84.0 67.0 100.4



#32
1,1,1-Trichloroethane
Concen: 53.311 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion: 97 Resp: 426689
Ion Ratio Lower Upper
97 100
99 63.5 51.4 77.0
61 41.9 34.2 51.4

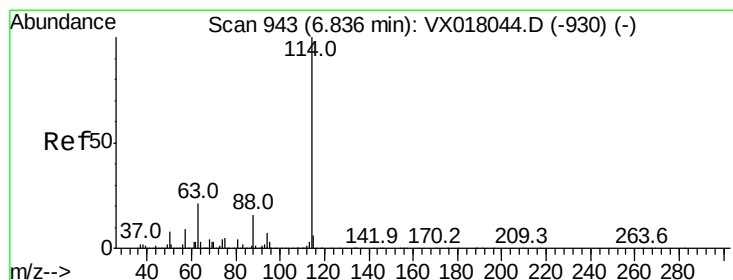
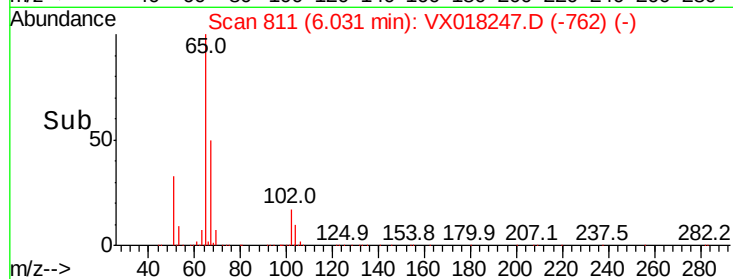
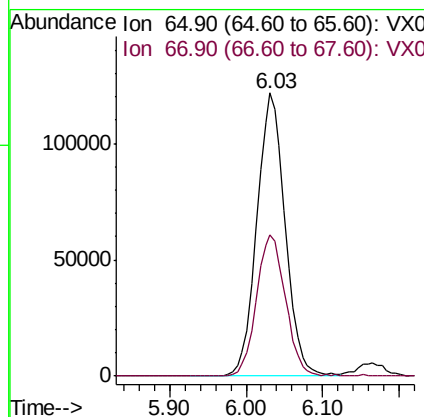
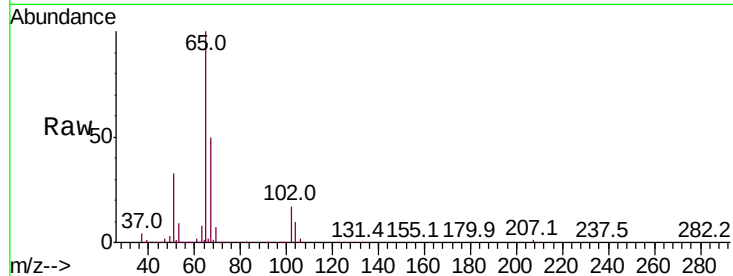




#33
 1,2-Dichloroethane-d4
 Concen: 52.955 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX018247.D
 Acq: 03 Sep 2020 19:54

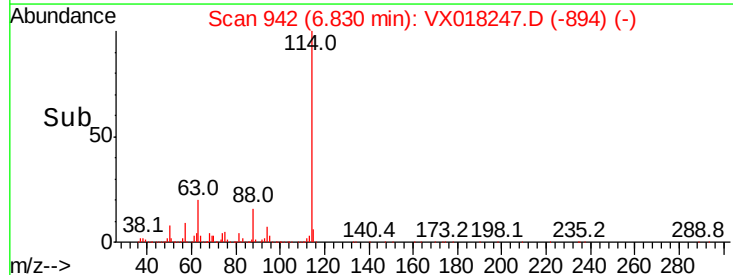
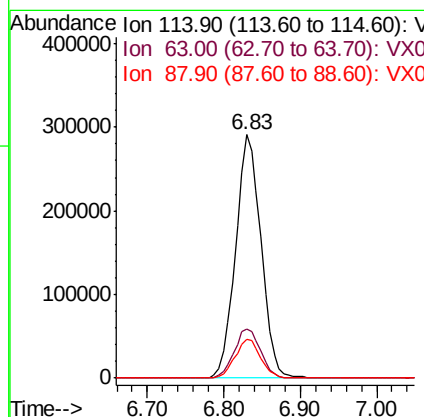
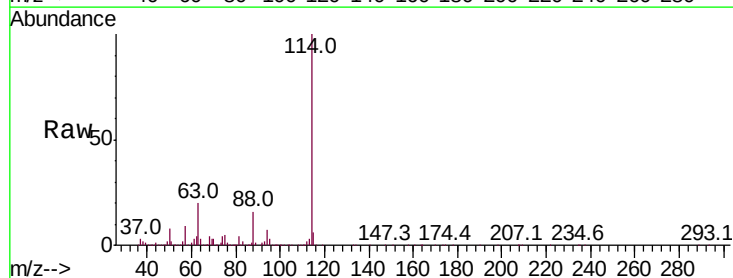
Instrument :
 MSVOA_X
 ClientSampled :

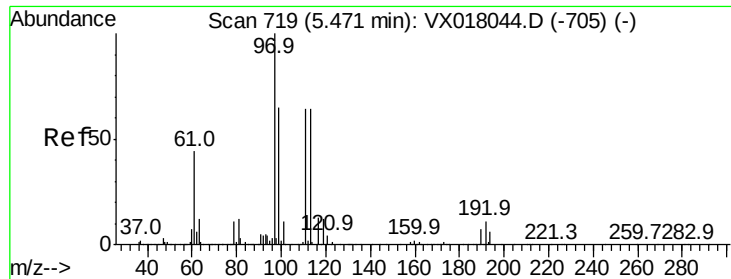
Tot Ion: 65 Resp: 313908
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.01 min
 Lab File: VX018247.D
 Acq: 03 Sep 2020 19:54

Tgt Ion: 114 Resp: 668163
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.6
 88 16.0 0.0 31.8

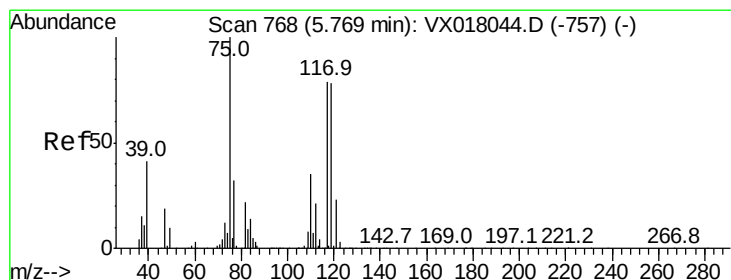
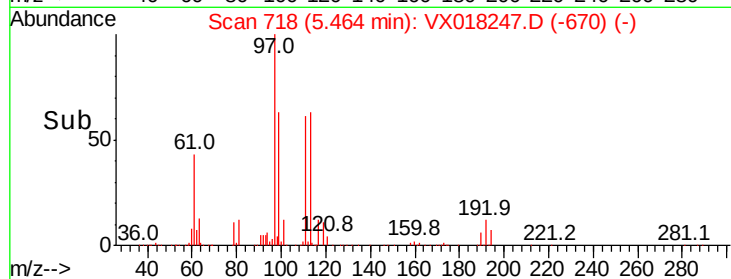
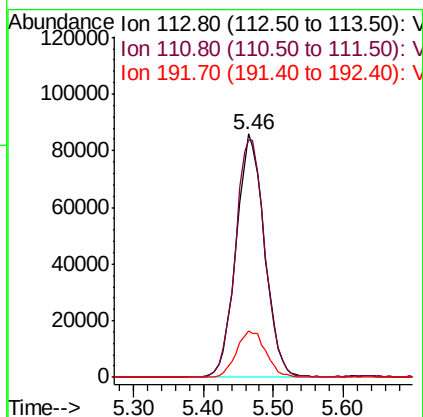
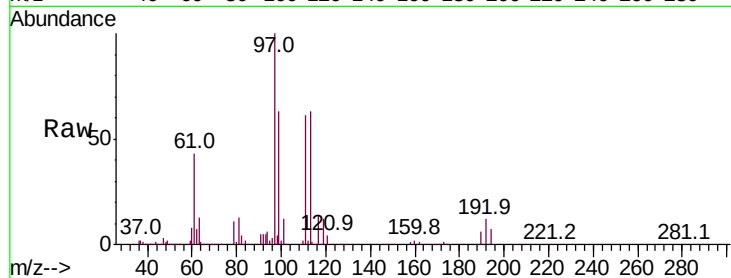




#35
Dibromofluoromethane
Concen: 53.209 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

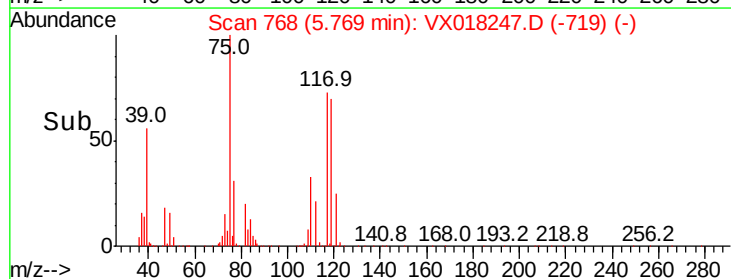
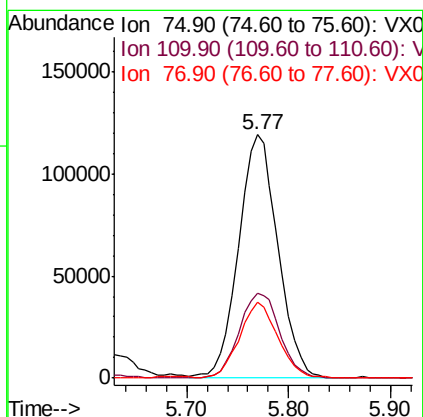
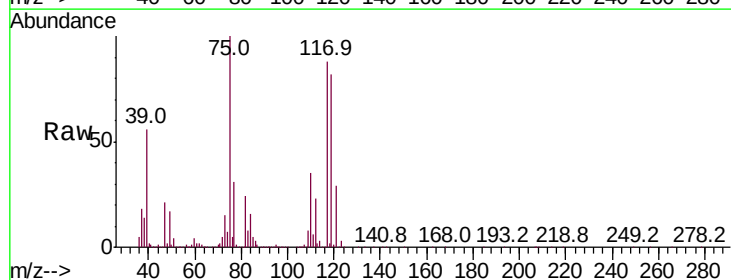
Instrument :
MSVOA_X
ClientSampled :

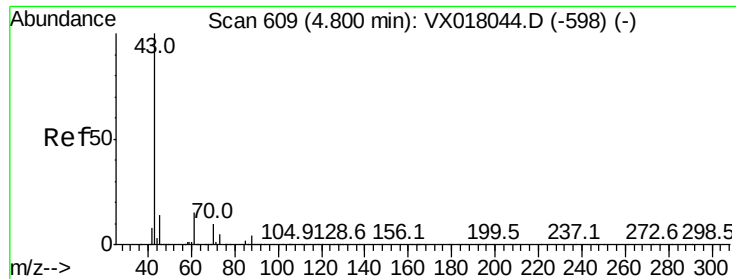
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.6	122.4
192	19.8	15.8	23.8



#36
1,1-Dichloropropene
Concen: 51.421 ug/l
RT: 5.77 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.2	18.0	54.0
77	30.6	24.4	36.6

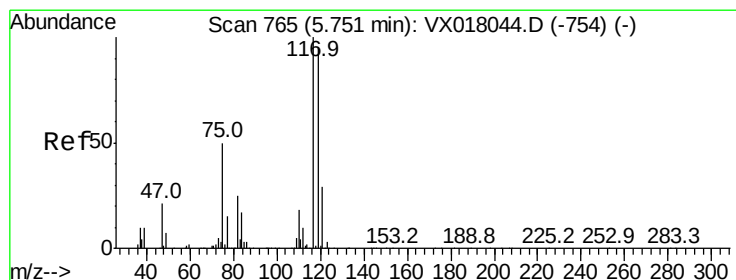
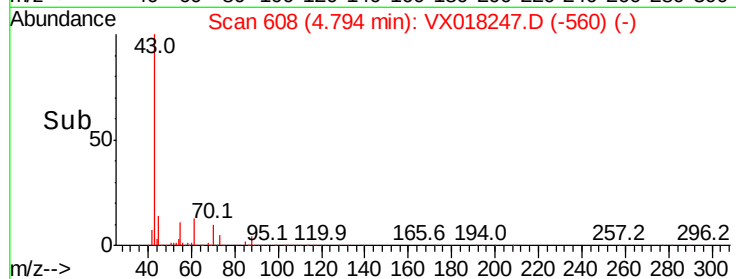
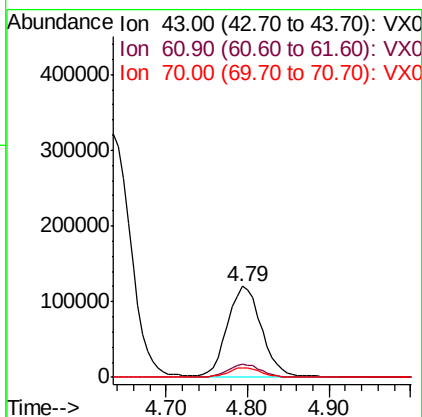
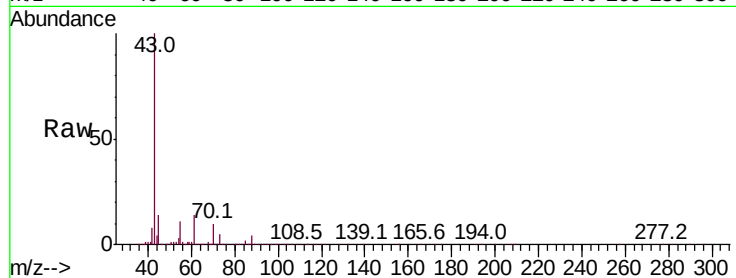




#37
Ethyl Acetate
Concen: 48.700 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.01 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

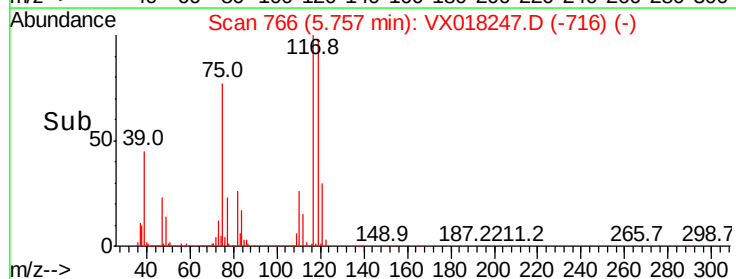
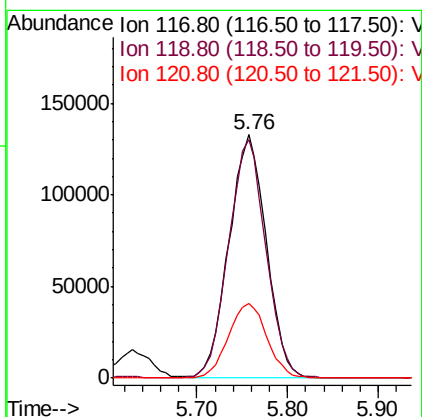
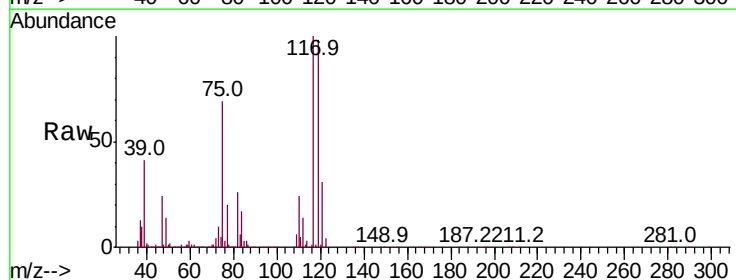
Instrument :
MSVOA_X
ClientSampleId :

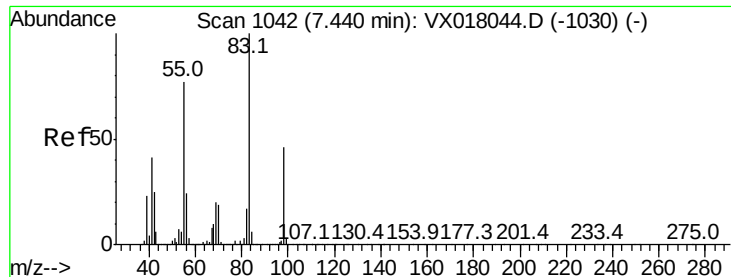
Tot Ion: 43 Resp: 348580
Ion Ratio Lower Upper
43 100
61 13.6 11.3 16.9
70 10.3 8.2 12.4



#38
Carbon Tetrachloride
Concen: 54.603 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.01 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion: 117 Resp: 379227
Ion Ratio Lower Upper
117 100
119 97.9 75.8 113.6
121 30.4 23.4 35.0

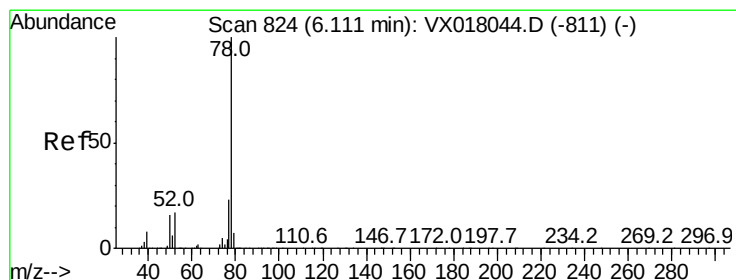
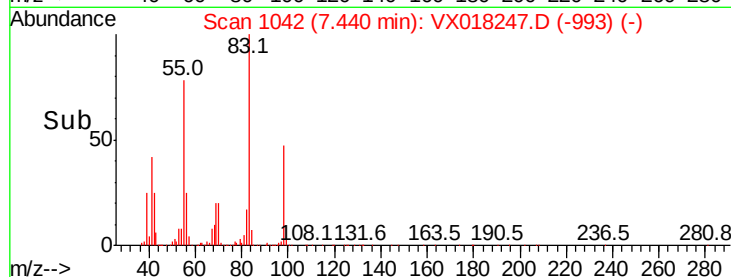
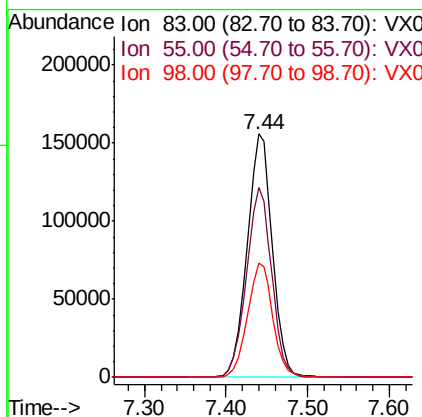
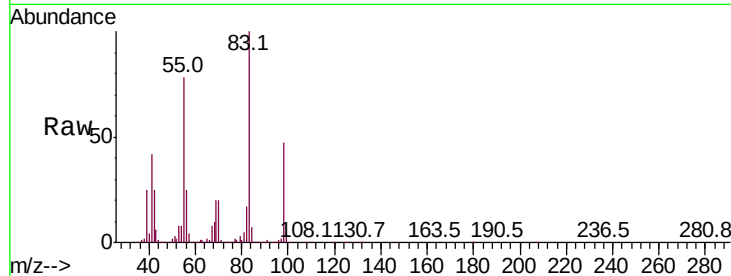




#39
Methylvlcyclohexane
Concen: 49.986 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

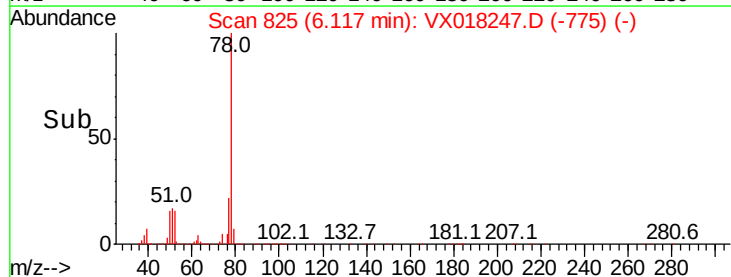
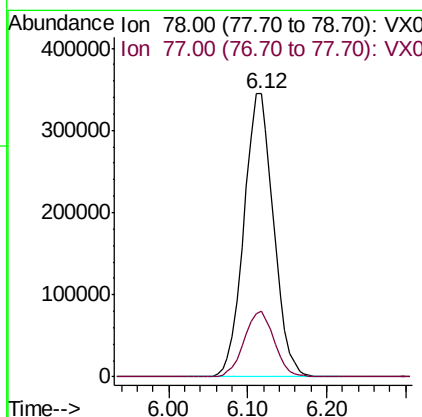
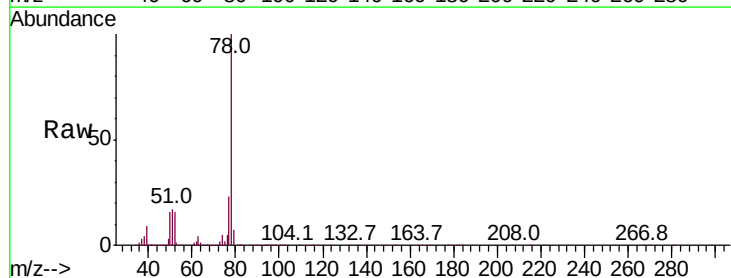
Instrument :
MSVOA_X
ClientSampleId :

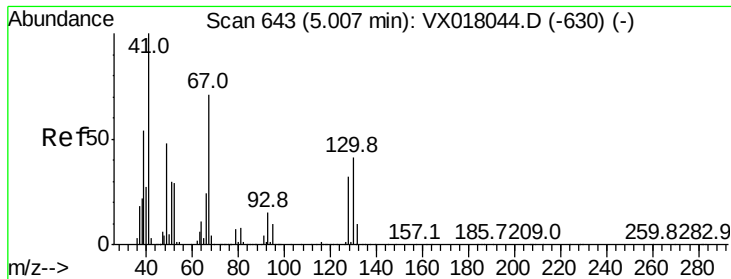
Tot Ion	83	Resp	336847
Ion	Ratio	Lower	Upper
83	100		
55	77.8	61.8	92.6
98	47.0	36.6	55.0



#40
Benzene
Concen: 49.702 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion	78	Resp	900038
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.2	27.2

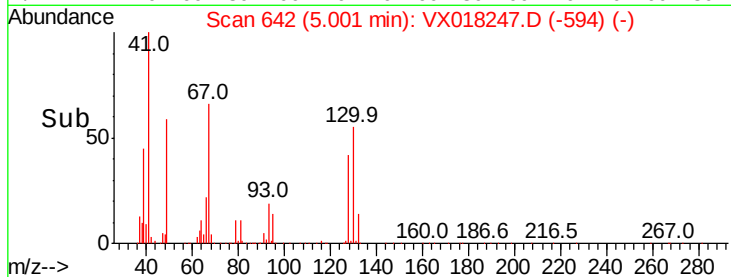
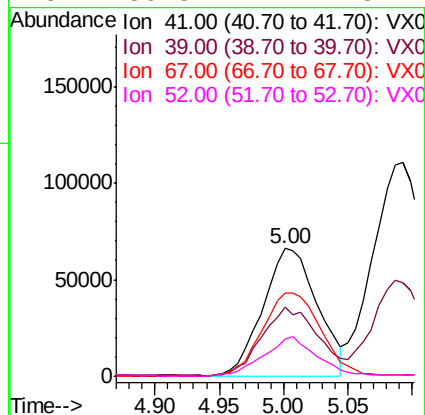
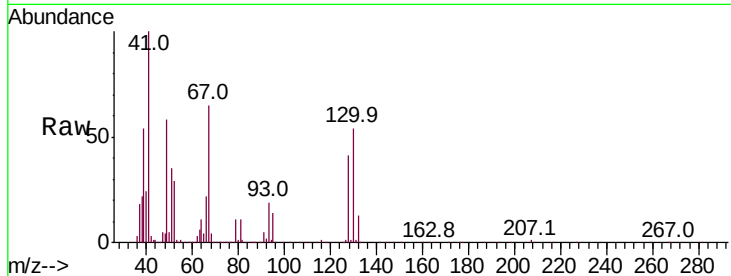




#41
Methacrylonitrile
Concen: 49.258 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

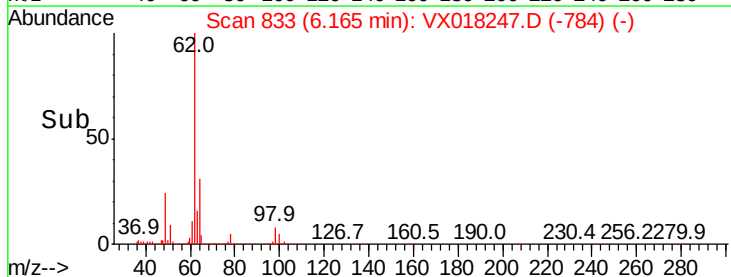
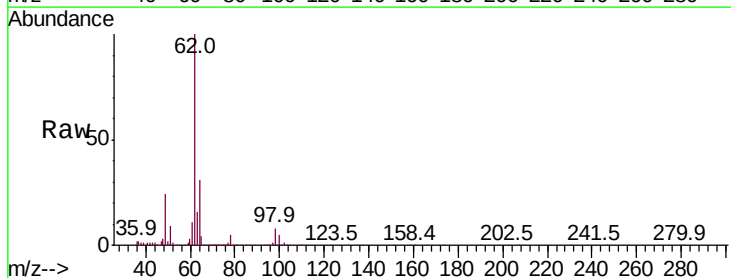
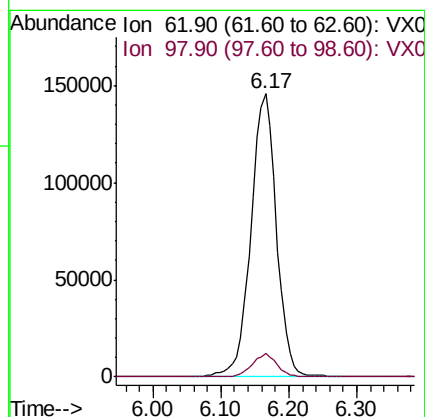
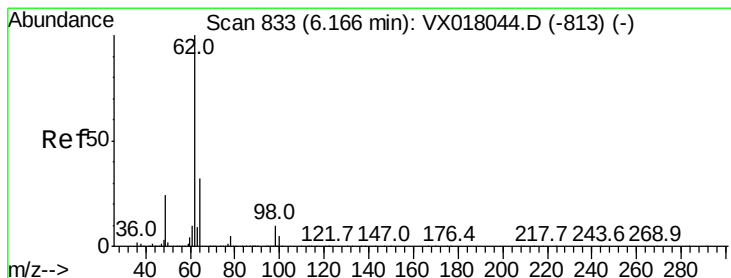
Instrument :
MSVOA_X
ClientSampleId :

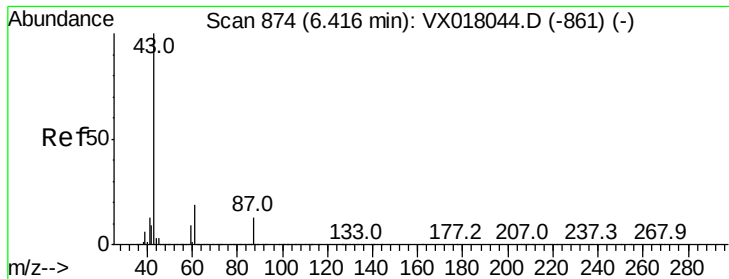
Tot Ion:	41	Resp:	193587
Ion	Ratio	Lower	Upper
41	100		
39	56.7	43.1	64.7
67	70.7	56.0	84.0
52	30.5	22.7	34.1



#42
1,2-Dichloroethane
Concen: 55.043 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion:	62	Resp:	381891
Ion	Ratio	Lower	Upper
62	100		
98	8.0	0.0	18.2





#43

Isopropyl Acetate

Concen: 49.742 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

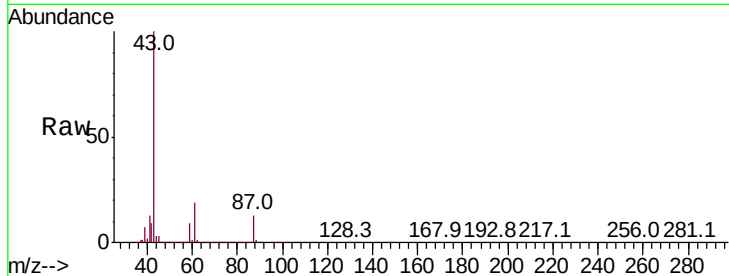
Tot Ion: 43 Resp: 575069

Ion Ratio Lower Upper

43 100

61 19.4 15.7 23.5

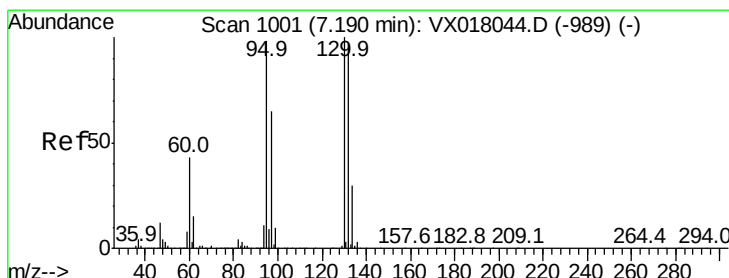
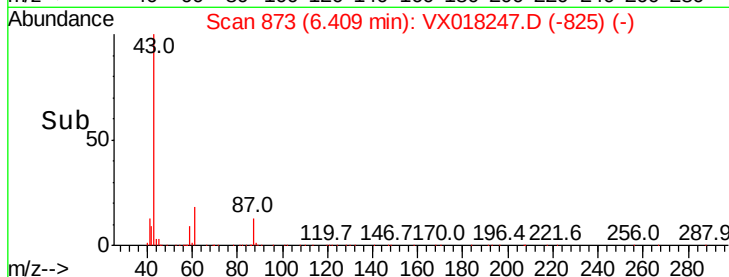
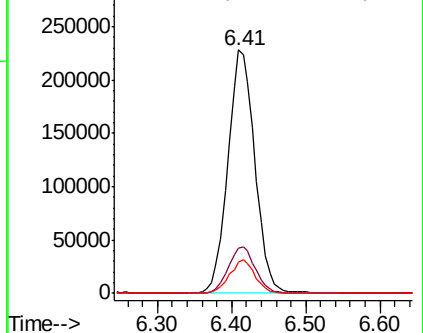
87 13.0 10.3 15.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.829 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018247.D

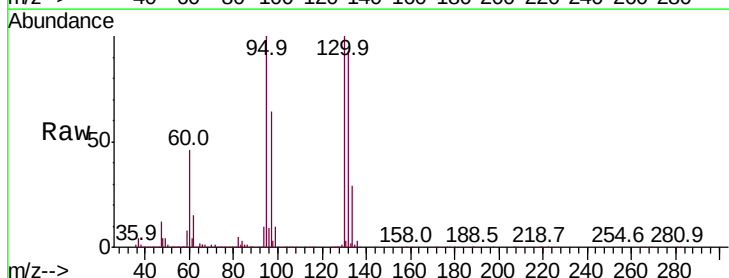
Acq: 03 Sep 2020 19:54

Tgt Ion:130 Resp: 254961

Ion Ratio Lower Upper

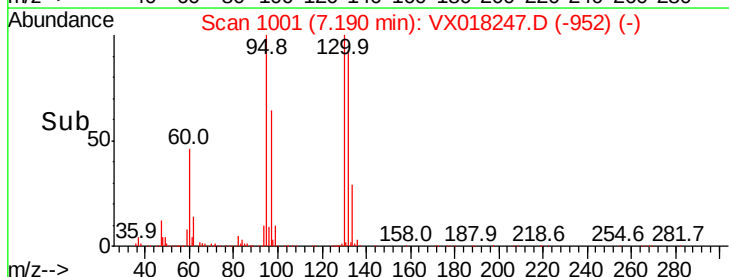
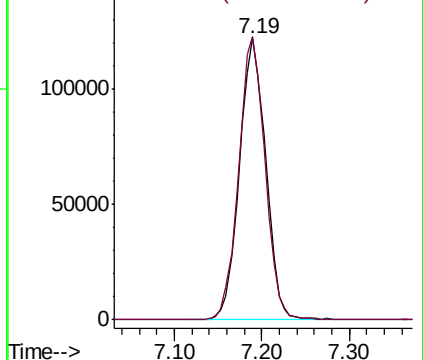
130 100

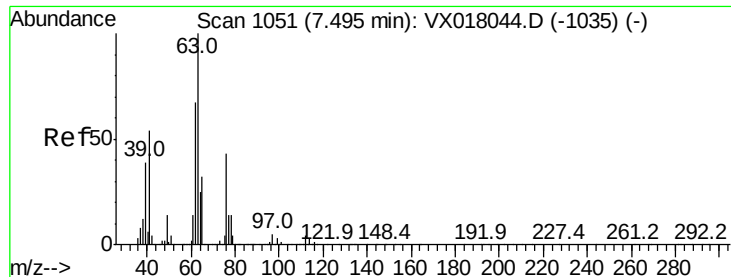
95 100.5 0.0 196.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

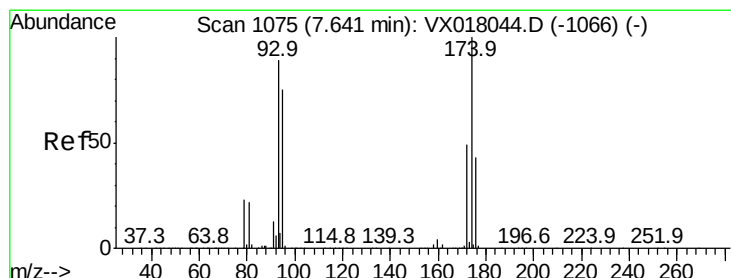
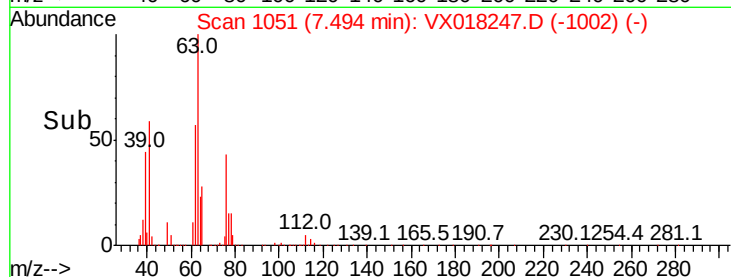
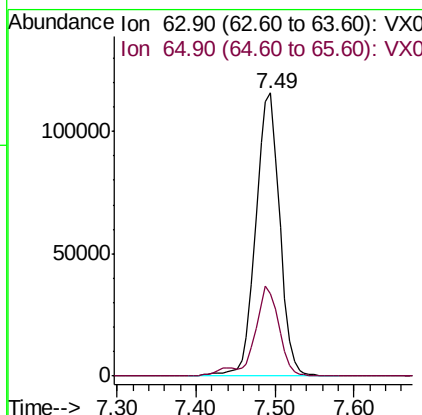
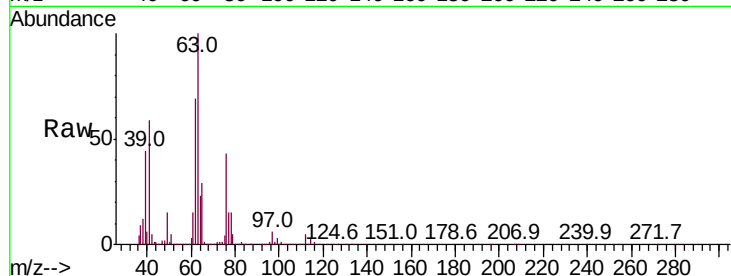




#45
 1,2-Dichloropropane
 Concen: 50.072 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VX018247.D
 Acq: 03 Sep 2020 19:54

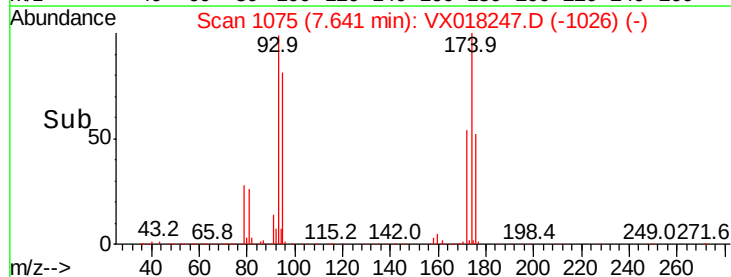
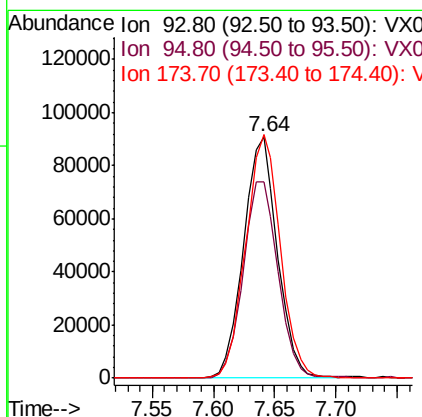
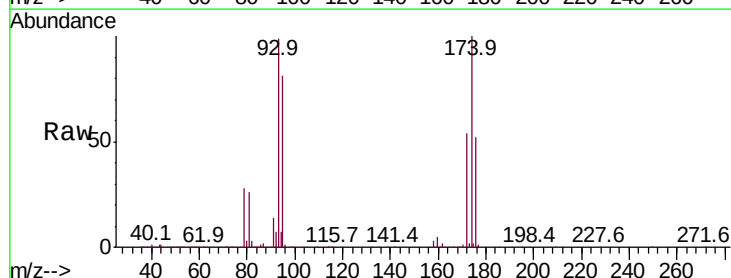
Instrument :
 MSVOA_X
 ClientSampleId :

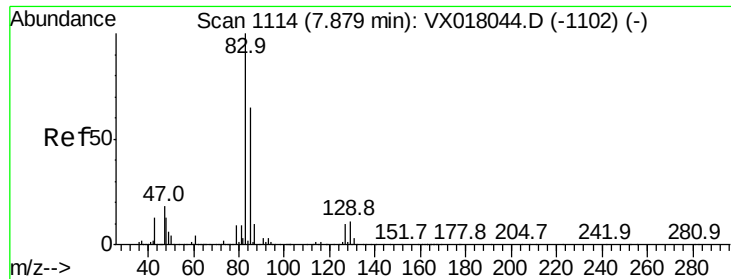
Tot Ion: 63 Resp: 244380
 Ion Ratio Lower Upper
 63 100
 65 29.0 25.7 38.5



#46
 Dibromomethane
 Concen: 51.059 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX018247.D
 Acq: 03 Sep 2020 19:54

Tgt Ion: 93 Resp: 175241
 Ion Ratio Lower Upper
 93 100
 95 83.8 67.3 100.9
 174 103.3 82.2 123.2





#47

Bromodichloromethane

Concen: 53.671 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :
MSVOA_X
ClientSampled :

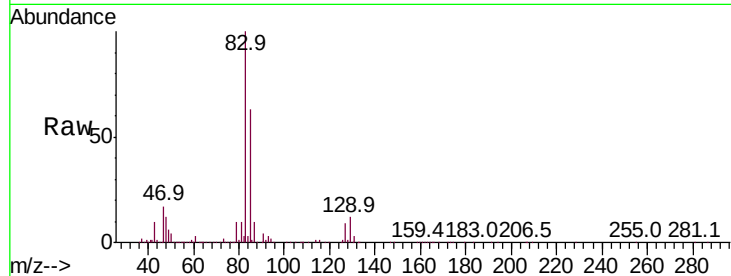
Tot Ion: 83 Resp: 367800

Ion Ratio Lower Upper

83 100

85 63.2 51.8 77.6

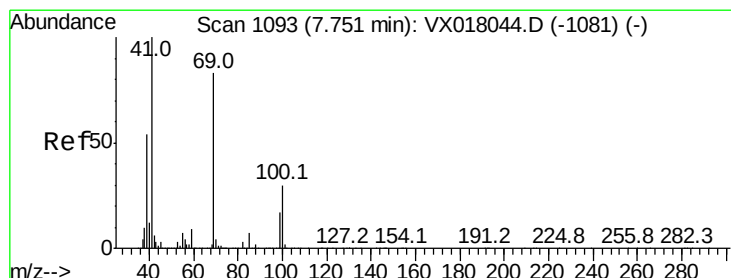
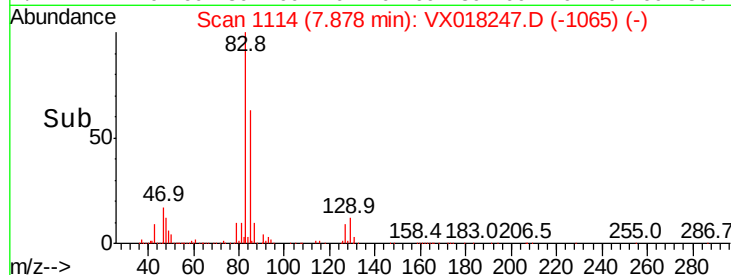
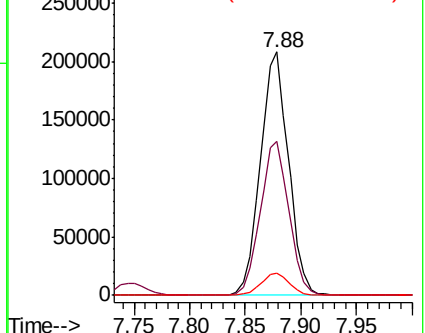
127 9.0 7.7 11.5



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: 50.265 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

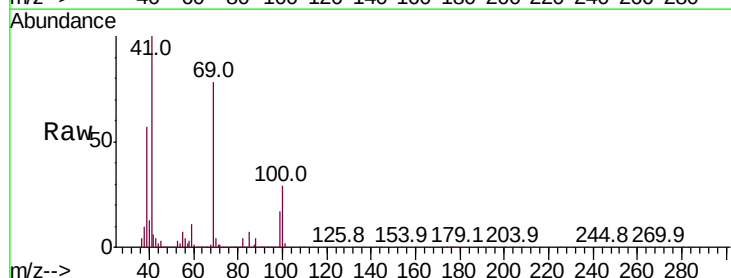
Tgt Ion: 41 Resp: 289282

Ion Ratio Lower Upper

41 100

69 80.3 65.5 98.3

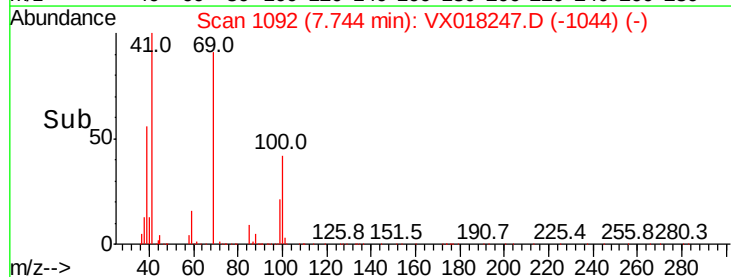
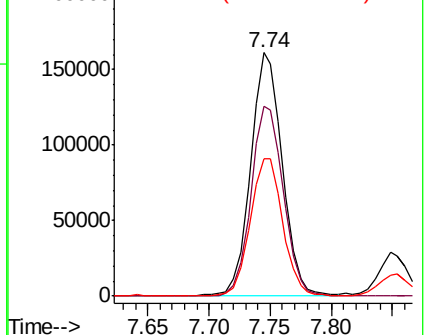
39 58.3 44.5 66.7

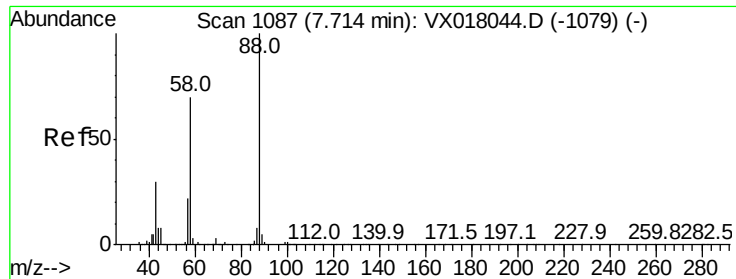


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

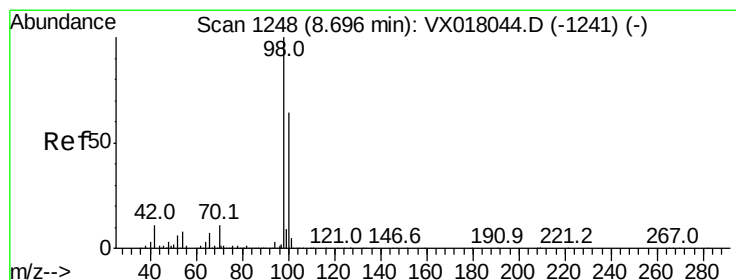
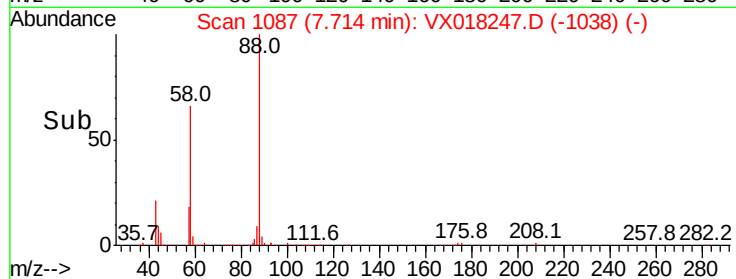
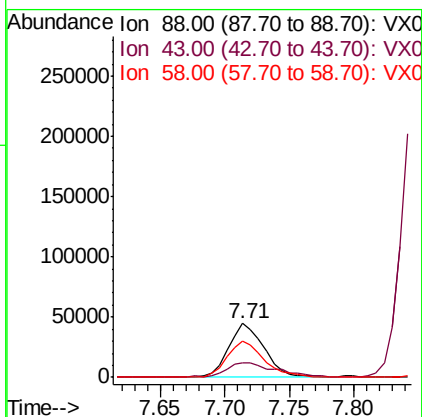
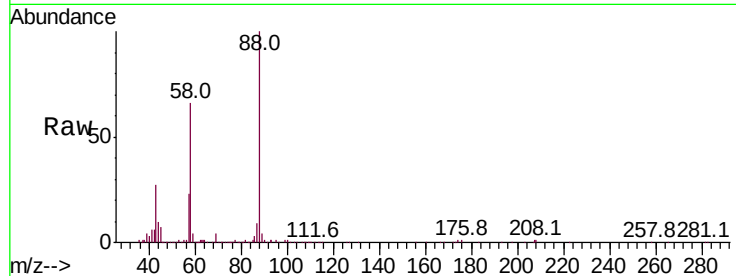




#49
1,4-Dioxane
Concen: 828.175 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

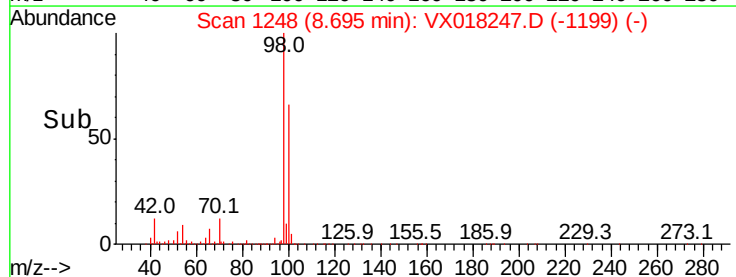
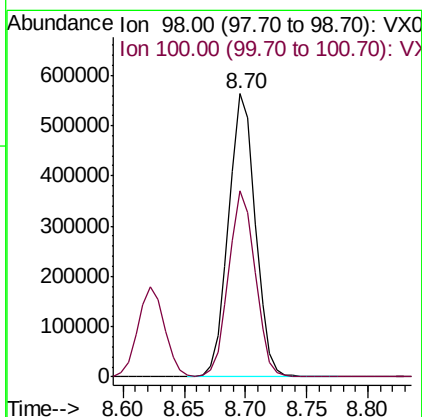
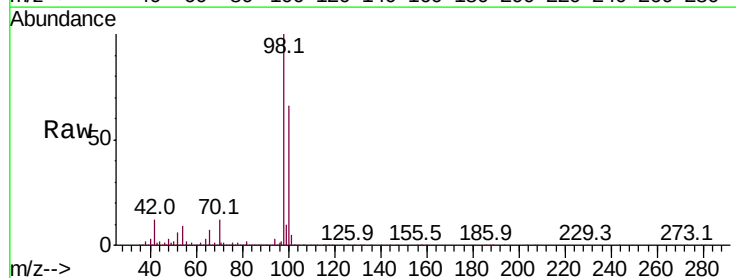
Instrument :
MSVOA_X
ClientSampled :

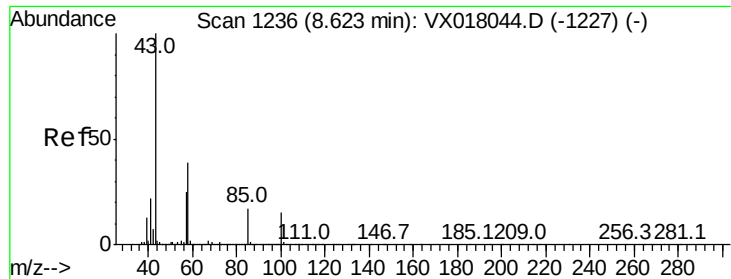
Tot Ion	88	Resp	86337
Ion	Ratio	Lower	Upper
88	100		
43	35.7	27.4	41.0
58	70.7	56.4	84.6



#50
Toluene-d8
Concen: 50.254 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion	98	Resp	851744
Ion	Ratio	Lower	Upper
98	100		
100	65.7	52.2	78.4

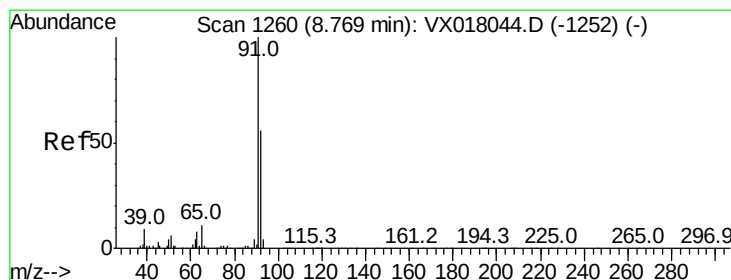
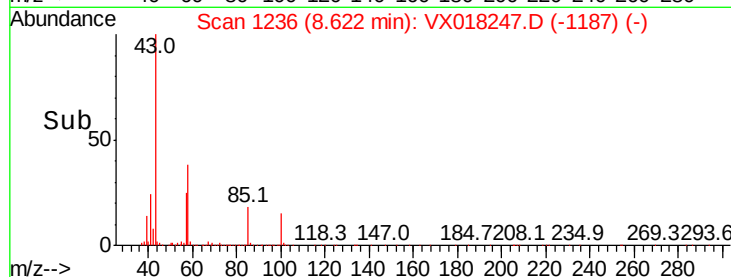
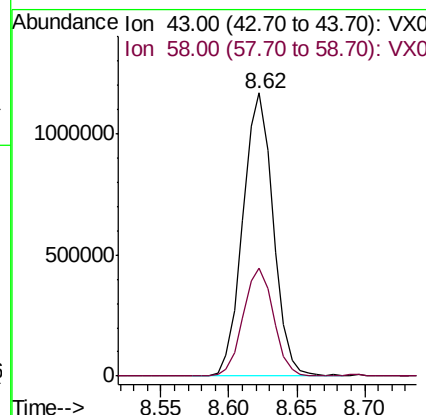
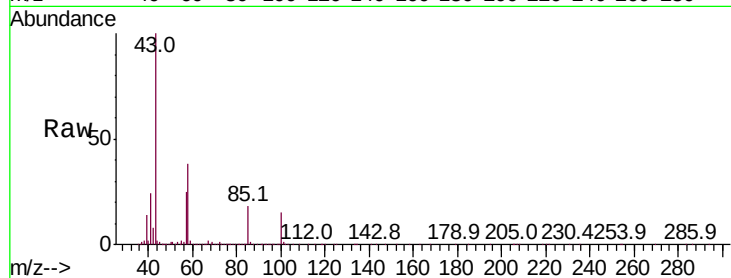




#51
 4-Methyl-2-Pentanone
 Concen: 255.331 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX018247.D
 Acq: 03 Sep 2020 19:54

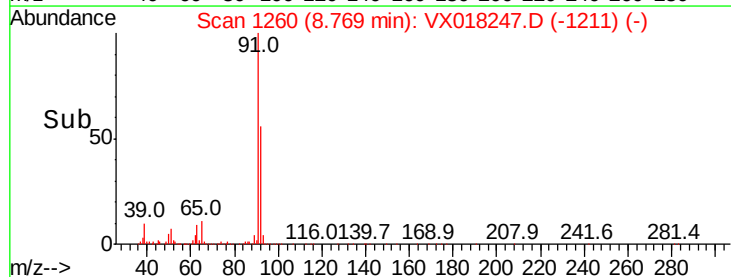
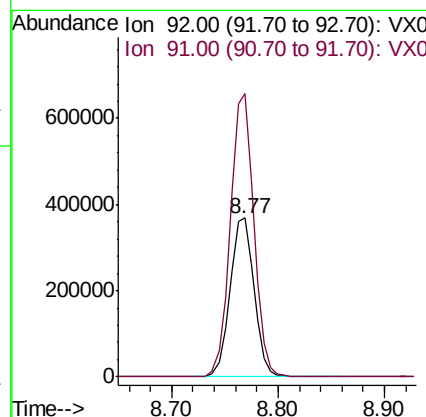
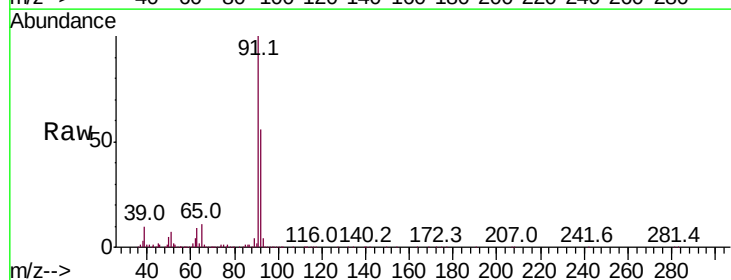
Instrument :
 MSVOA_X
 ClientSampleId :

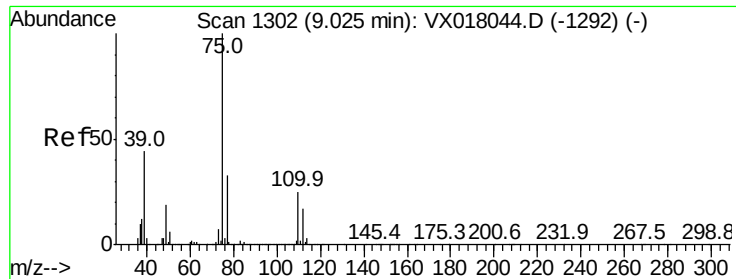
Tot Ion: 43 Resp: 1823405
 Ion Ratio Lower Upper
 43 100
 58 38.4 30.7 46.1



#52
 Toluene
 Concen: 50.858 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VX018247.D
 Acq: 03 Sep 2020 19:54

Tgt Ion: 92 Resp: 583980
 Ion Ratio Lower Upper
 92 100
 91 174.3 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 51.460 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

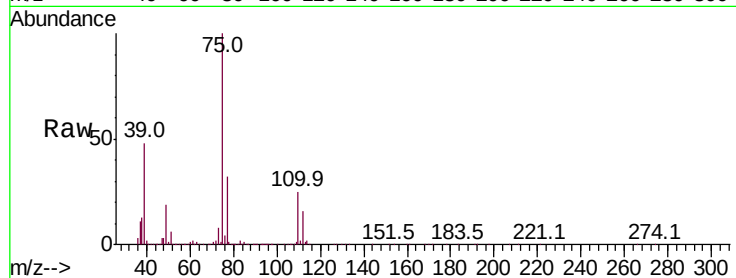
ClientSampleId :

Tot Ion: 75 Resp: 390844

Ion Ratio Lower Upper

75 100

77 32.3 26.6 39.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.02

300000

250000

200000

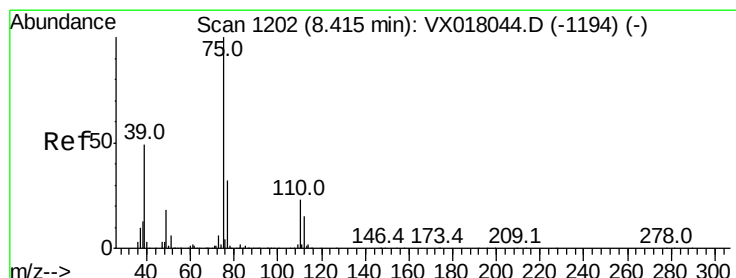
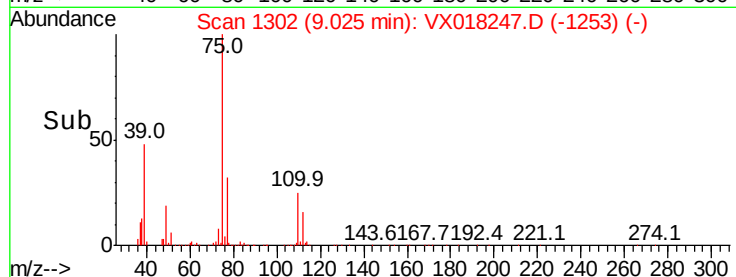
150000

100000

50000

0

Time--> 8.90 8.95 9.00 9.05 9.10



#54

cis-1,3-Dichloropropene

Concen: 50.447 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

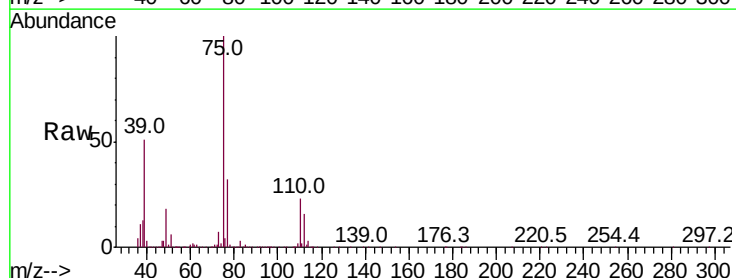
Tgt Ion: 75 Resp: 405878

Ion Ratio Lower Upper

75 100

77 31.6 25.8 38.8

39 50.7 38.8 58.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.41

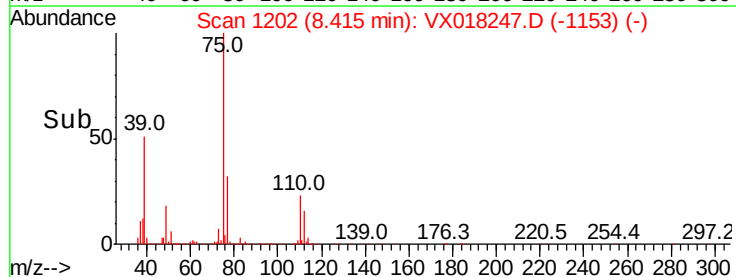
300000

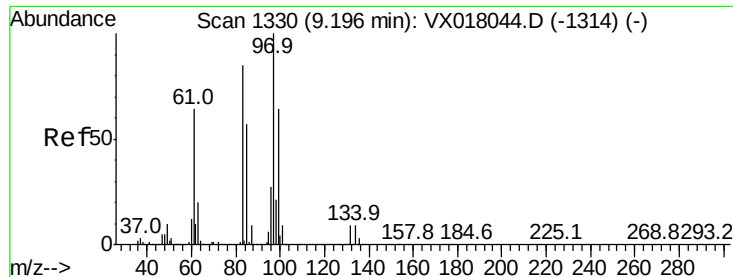
200000

100000

0

Time--> 8.30 8.35 8.40 8.45 8.50





#55

1,1,2-Trichloroethane

Concen: 51.833 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 97 Resp: 253841

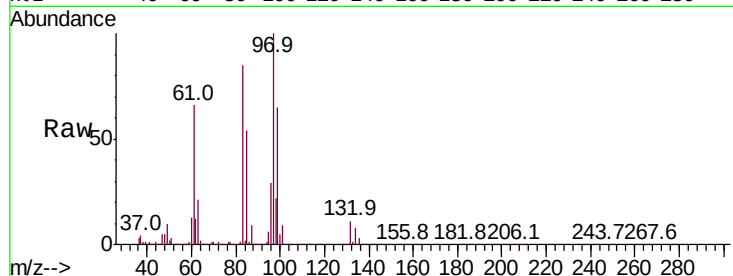
Ion Ratio Lower Upper

97 100

83 85.0 67.8 101.6

85 54.3 45.3 67.9

99 64.6 50.9 76.3

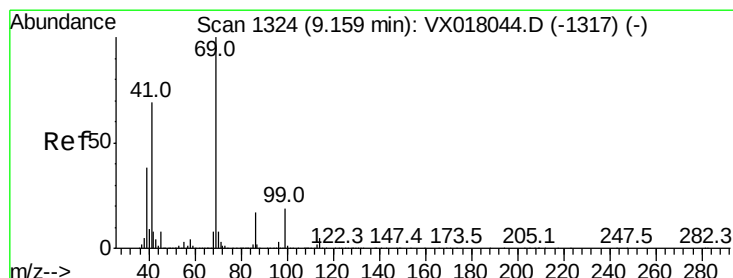
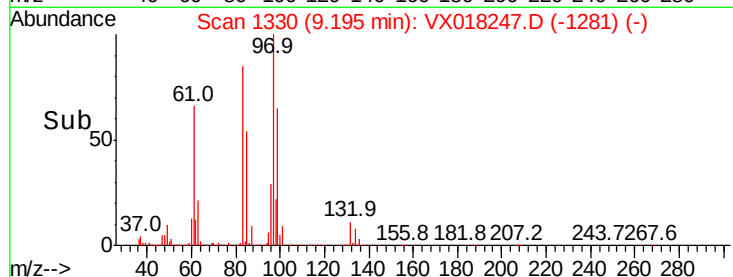
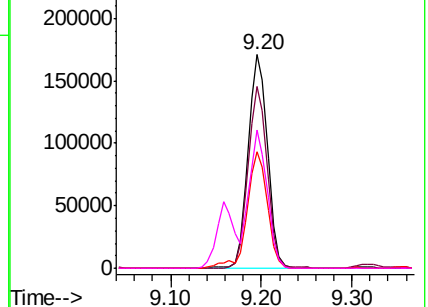


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 51.413 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

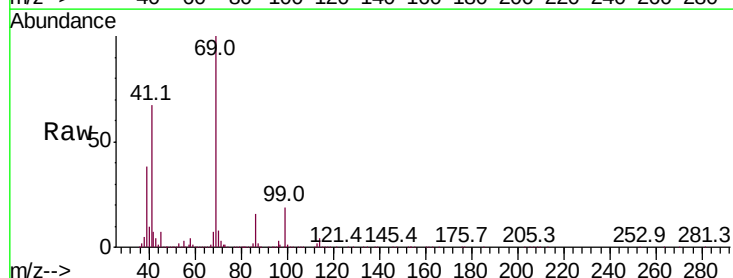
Tgt Ion: 69 Resp: 374305

Ion Ratio Lower Upper

69 100

41 68.1 54.6 81.8

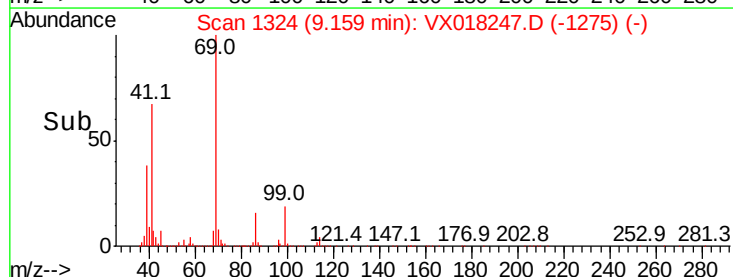
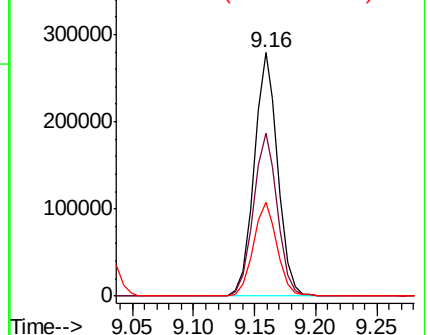
39 38.7 29.1 43.7

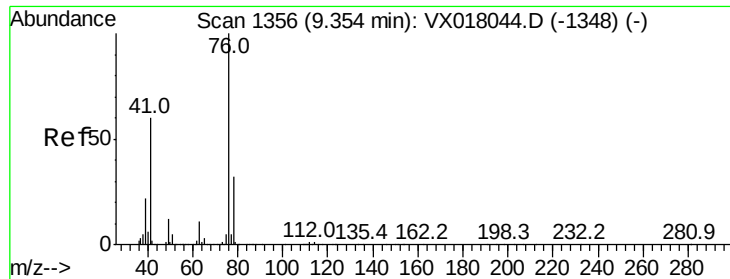


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.920 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

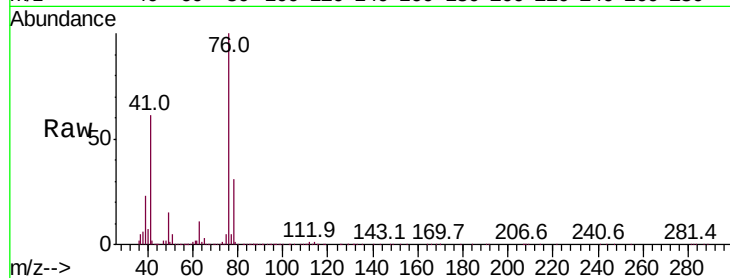
ClientSampleId :

Tot Ion: 76 Resp: 411296

Ion Ratio Lower Upper

76 100

78 32.2 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.35

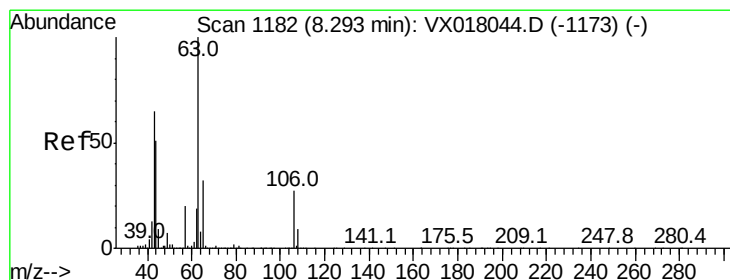
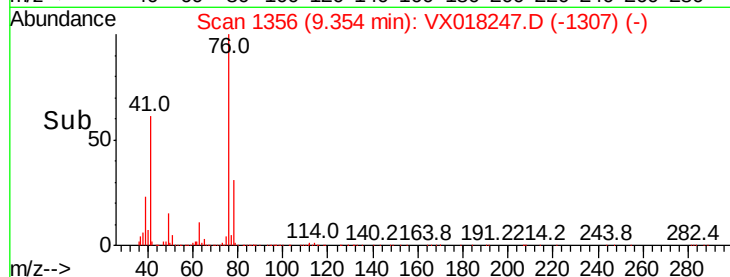
300000

200000

100000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 211.828 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. -0.00 min

Lab File: VX018247.D

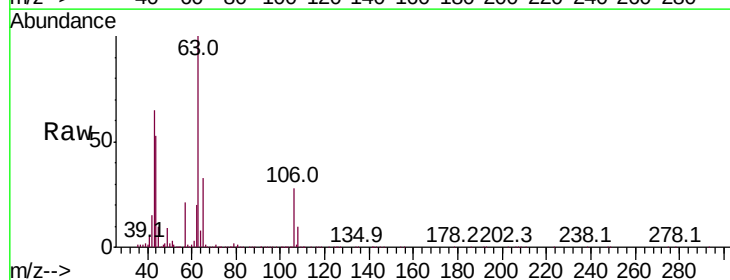
Acq: 03 Sep 2020 19:54

Tgt Ion: 63 Resp: 693742

Ion Ratio Lower Upper

63 100

106 28.6 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.29

500000

400000

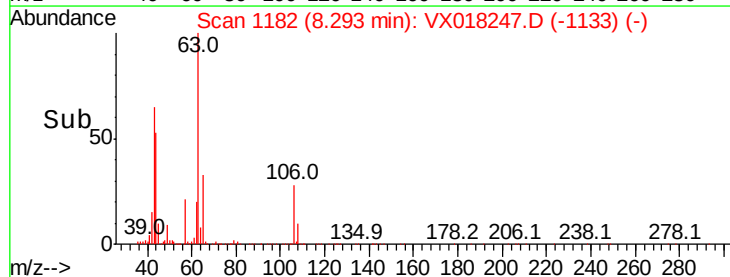
300000

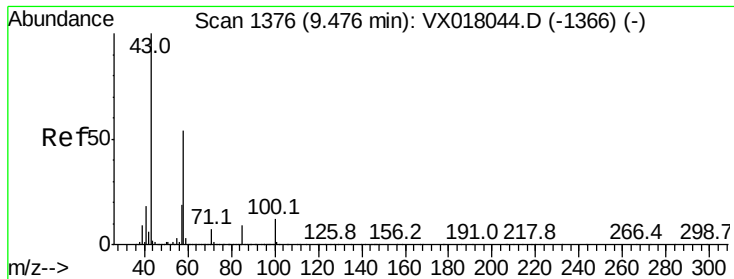
200000

100000

0

Time-->

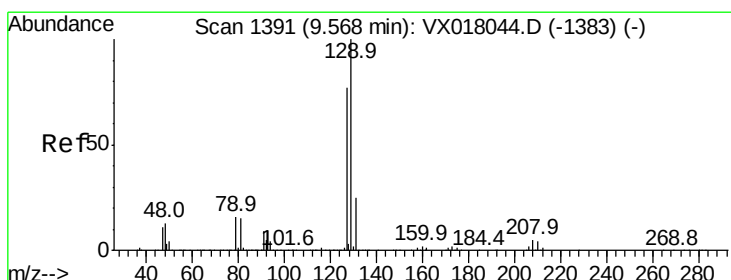
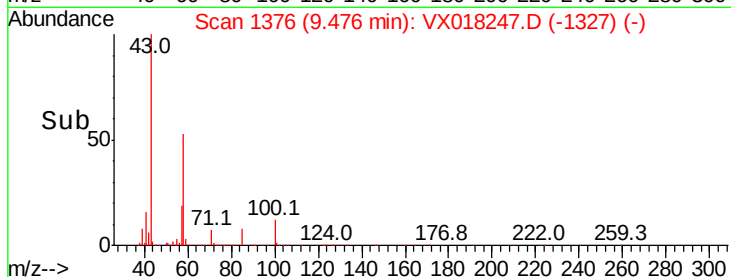
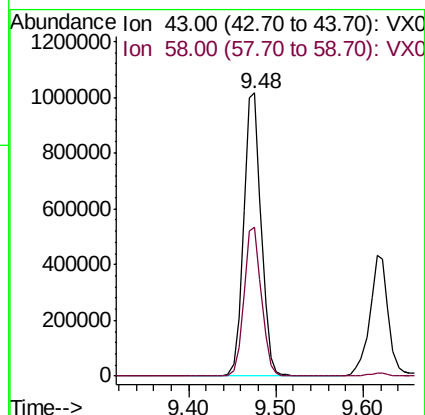
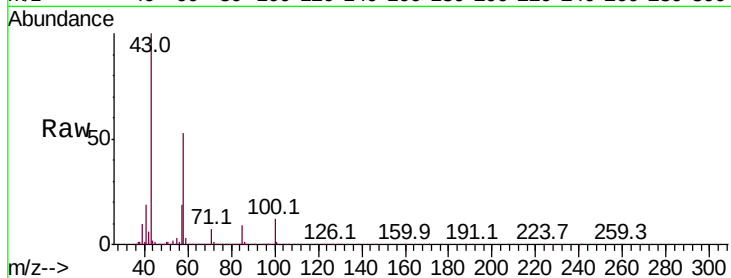




#59
2-Hexanone
Concen: 260.997 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

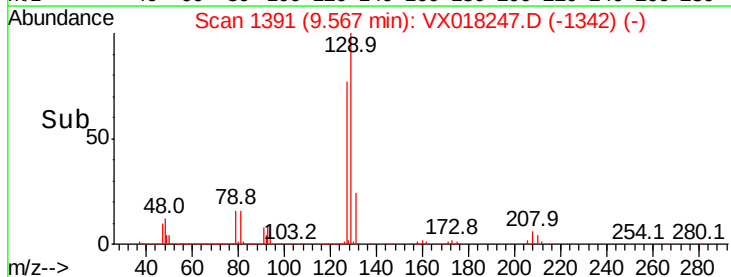
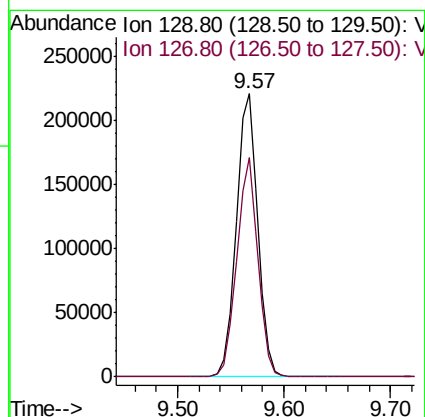
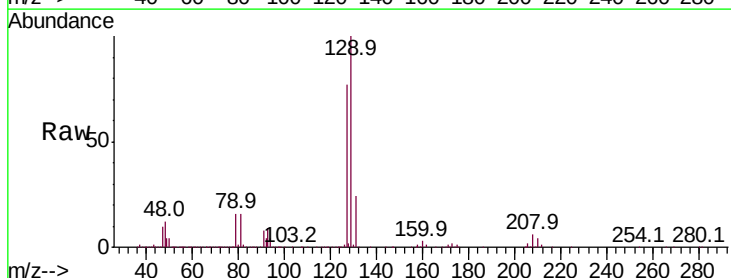
Instrument :
MSVOA_X
ClientSampleId :

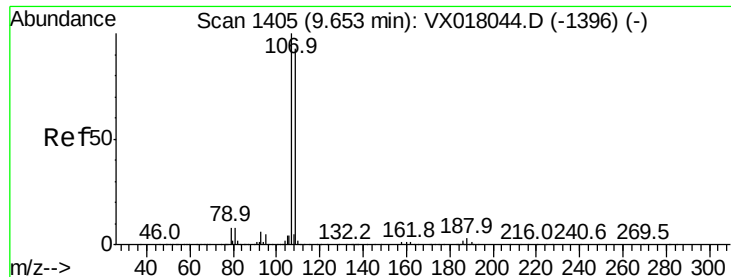
Tot Ion: 43 Resp: 1417258
Ion Ratio Lower Upper
43 100
58 52.5 26.6 79.7



#60
Dibromochloromethane
Concen: 54.289 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion: 129 Resp: 311886
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.6

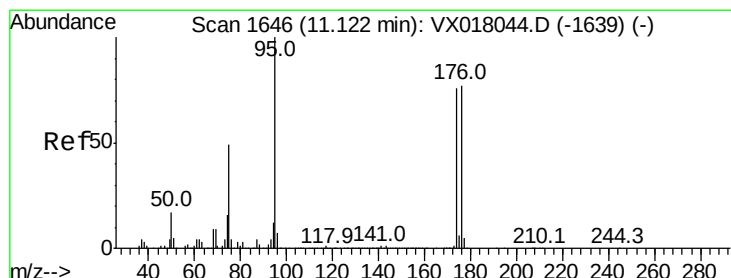
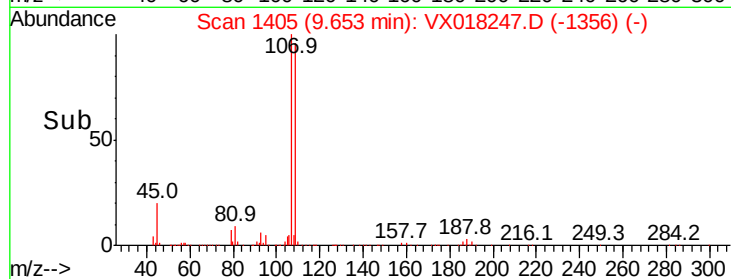
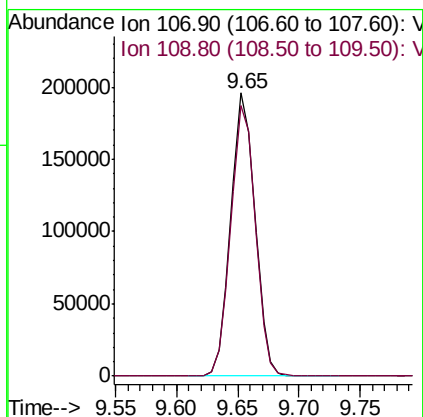
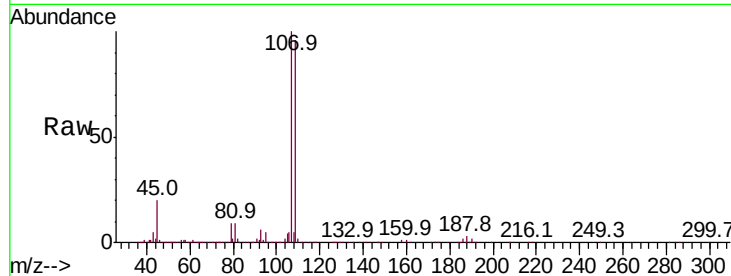




#61
 1,2-Dibromoethane
 Concen: 50.704 ug/l
 RT: 9.65 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: VX018247.D
 Acq: 03 Sep 2020 19:54

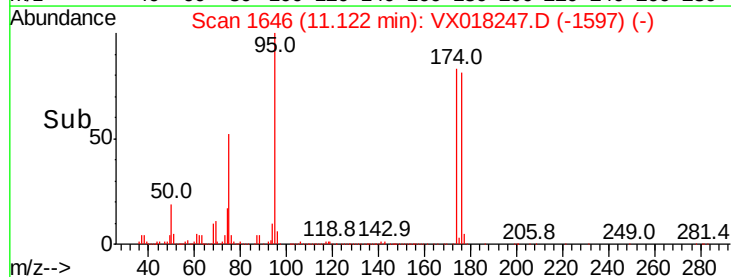
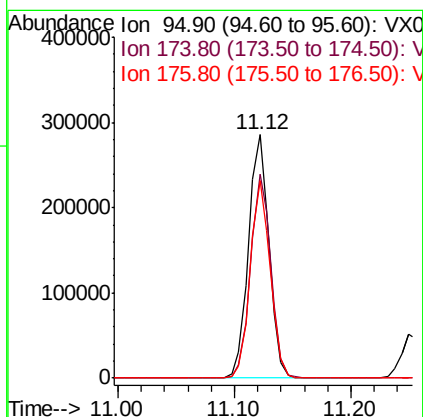
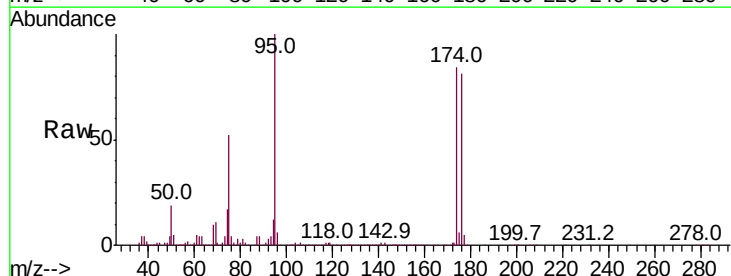
Instrument :
 MSVOA_X
 ClientSampleId :

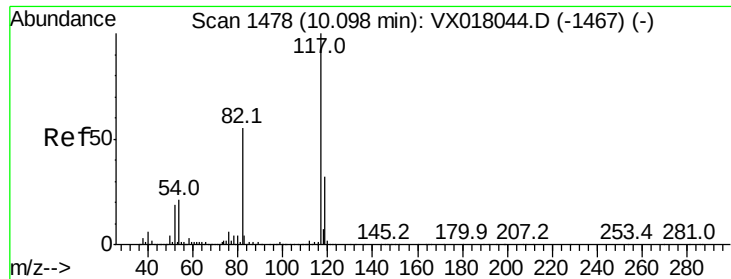
Tot Ion:107 Resp: 269583
 Ion Ratio Lower Upper
 107 100
 109 96.6 75.9 113.9



#62
 4-Bromofluorobenzene
 Concen: 52.710 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018247.D
 Acq: 03 Sep 2020 19:54

Tgt Ion: 95 Resp: 351482
 Ion Ratio Lower Upper
 95 100
 174 82.7 0.0 160.2
 176 79.4 0.0 155.8

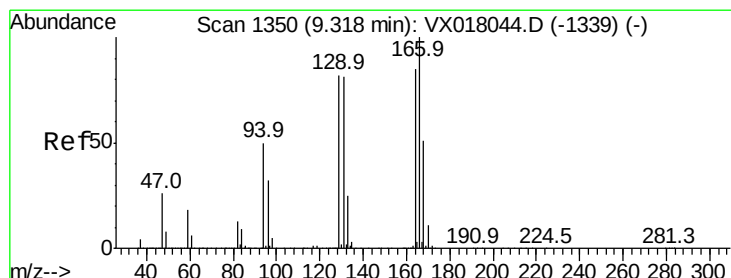
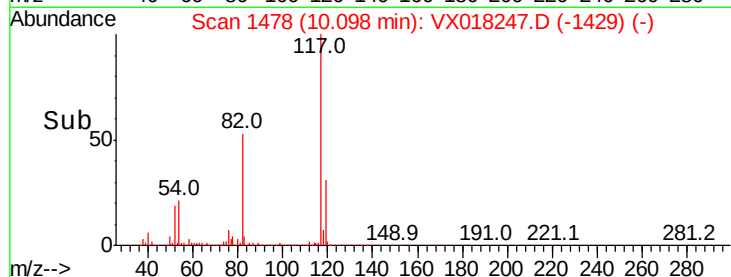
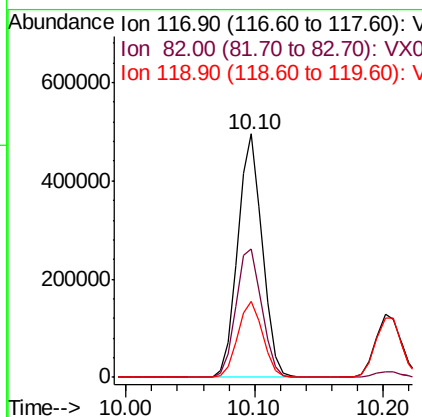
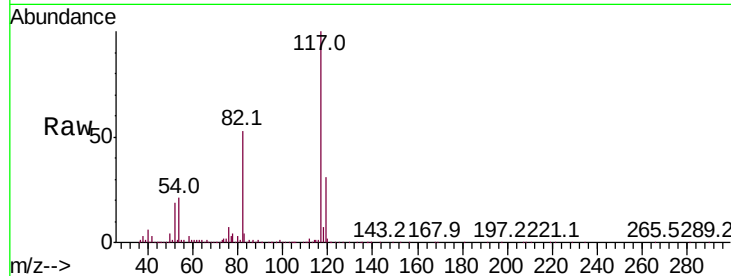




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

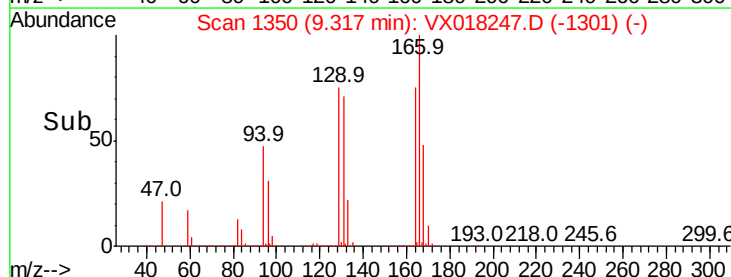
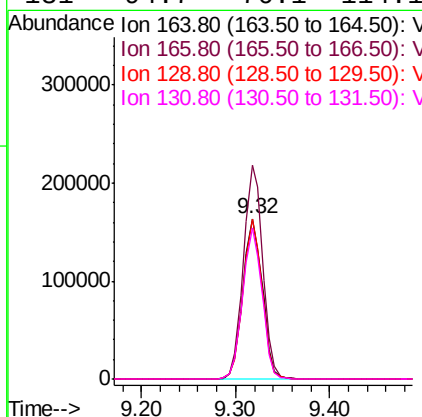
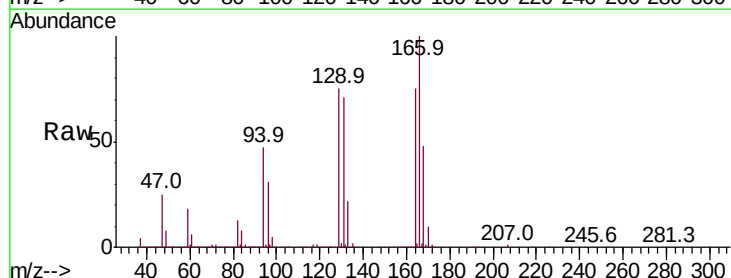
Instrument :
MSVOA_X
ClientSampleId :

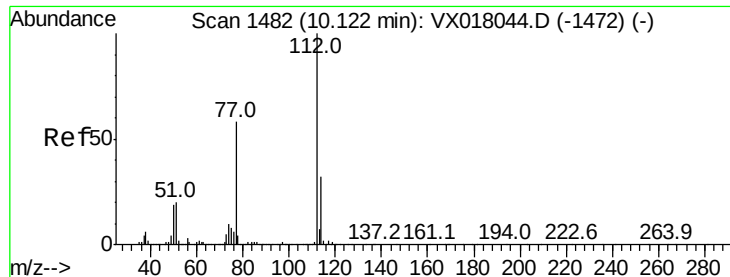
Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	44.2	66.2
119	31.3	25.7	38.5



#64
Tetrachloroethene
Concen: 49.239 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.3	94.2	141.2
129	99.9	76.9	115.3
131	94.7	76.1	114.1

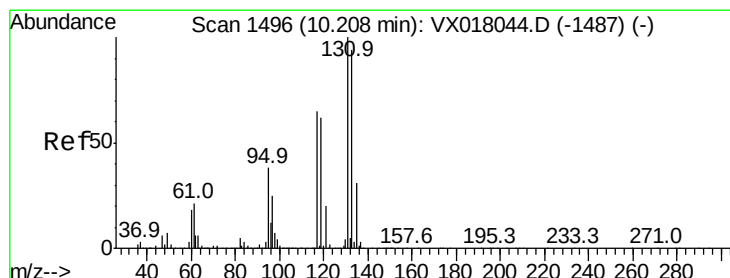
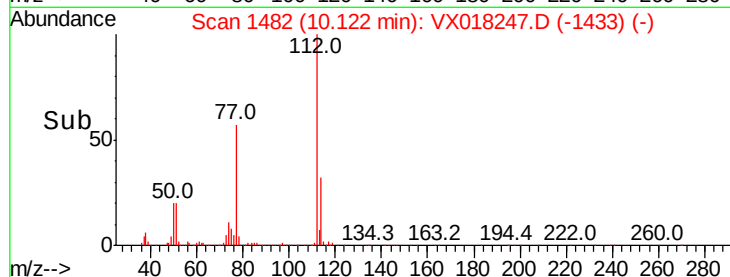
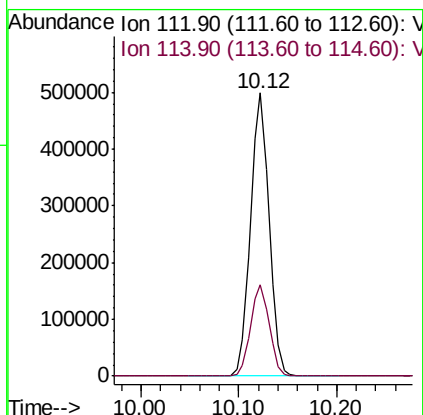
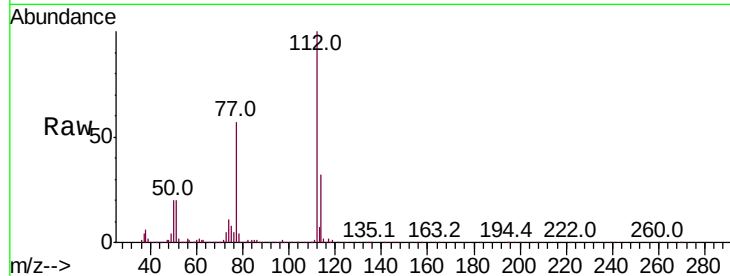




#65
Chlorobenzene
Concen: 50.537 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

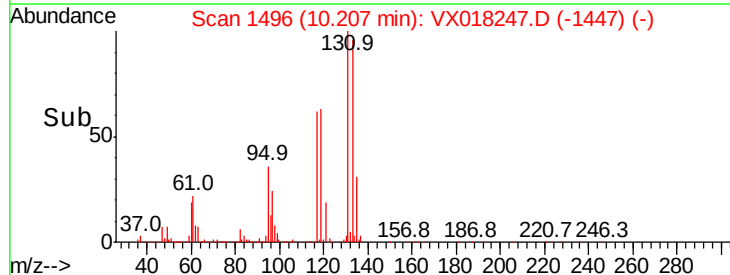
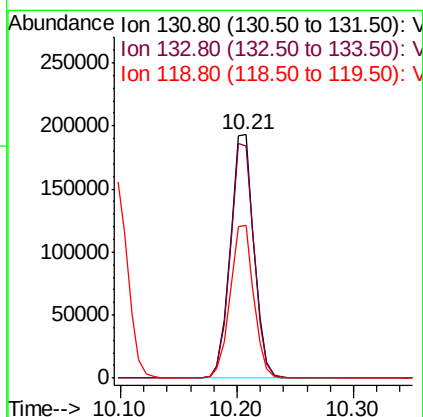
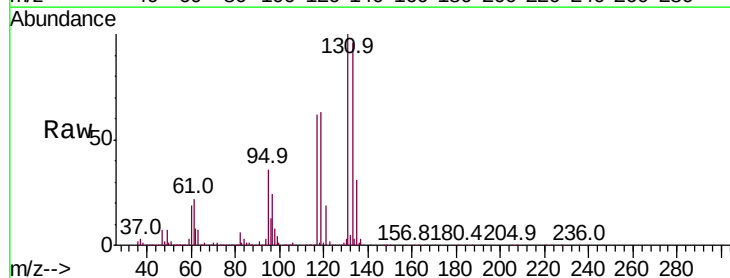
Instrument :
MSVOA_X
ClientSampled :

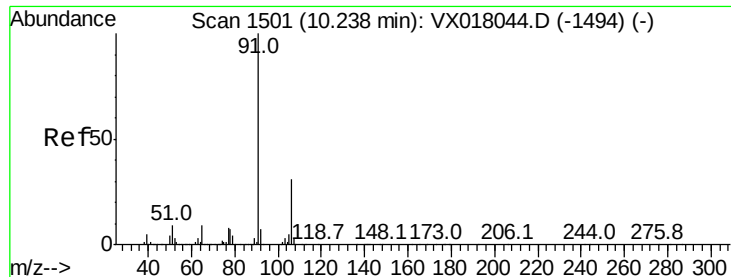
Tot Ion:112 Resp: 659308
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 52.900 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion:131 Resp: 272008
Ion Ratio Lower Upper
131 100
133 96.9 46.7 140.1
119 62.9 31.8 95.4

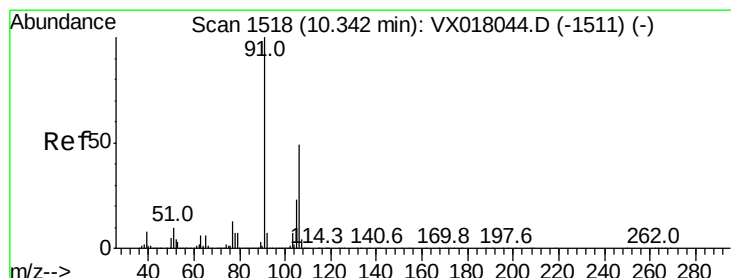
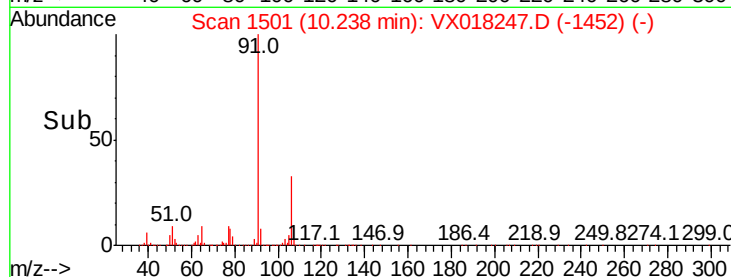
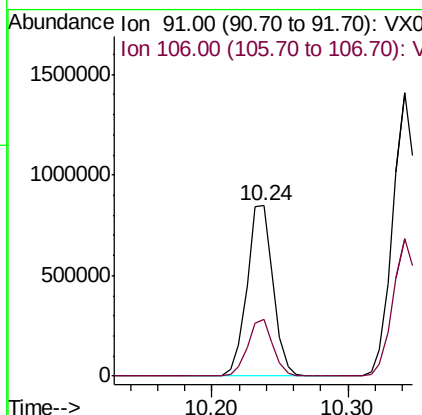
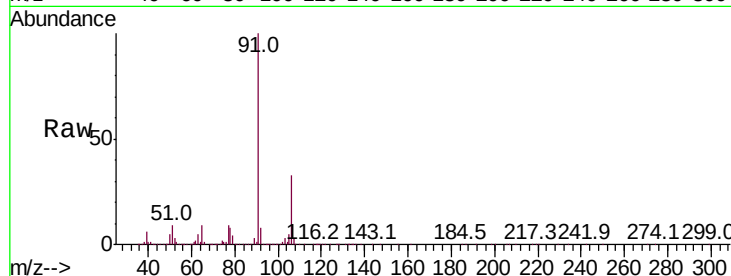




#67
Ethyl Benzene
Concen: 51.205 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

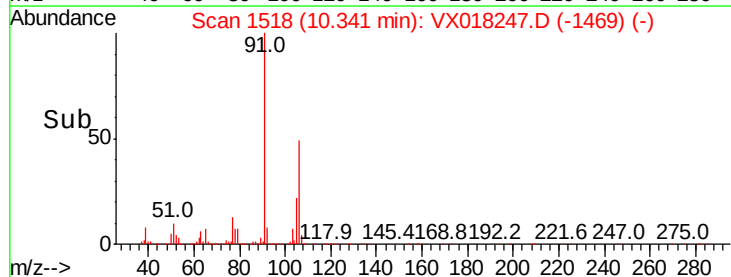
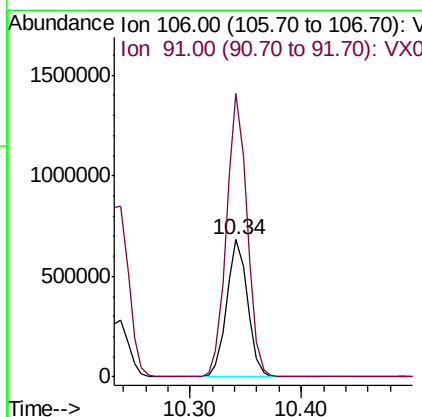
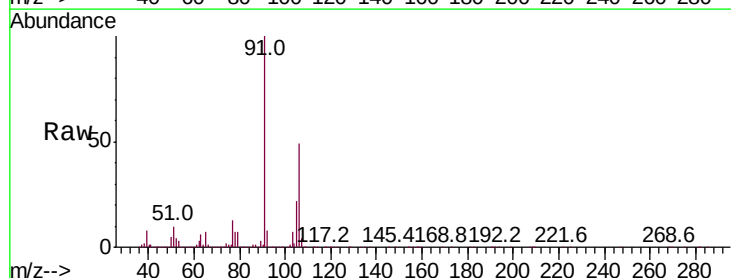
Instrument :
MSVOA_X
ClientSampled :

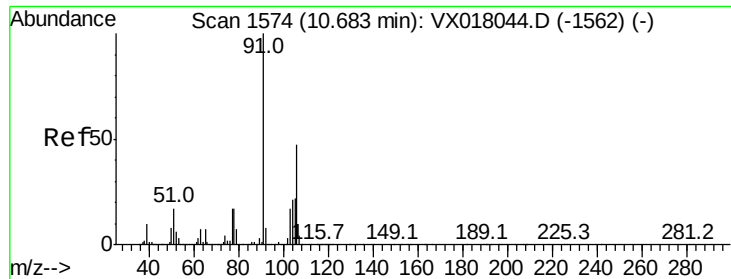
Tot Ion: 91 Resp: 1136040
Ion Ratio Lower Upper
91 100
106 33.1 24.9 37.3



#68
m/p-Xylenes
Concen: 106.515 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion: 106 Resp: 882033
Ion Ratio Lower Upper
106 100
91 204.0 162.2 243.2

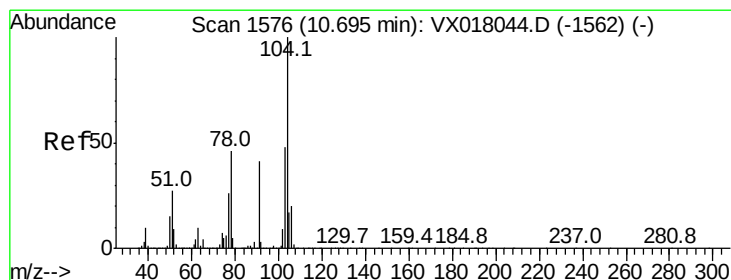
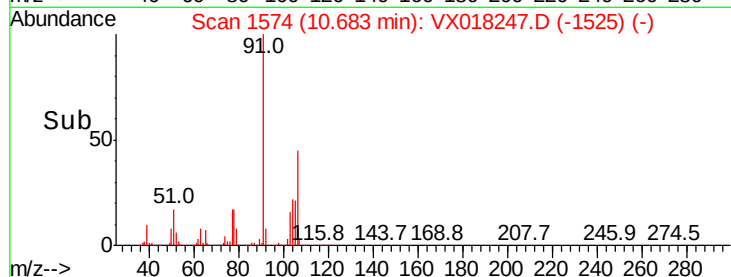
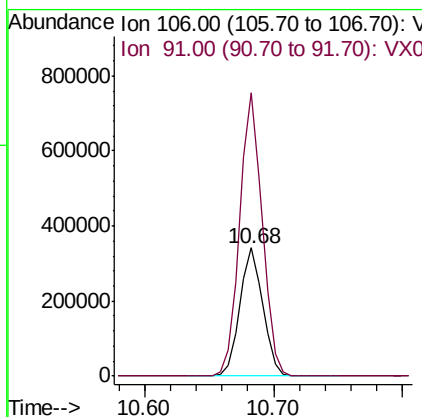
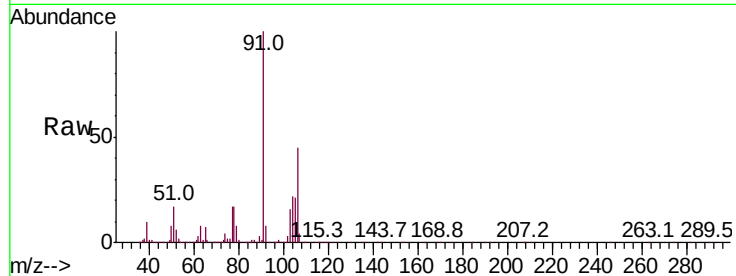




#69
o-Xylene
Concen: 52.640 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

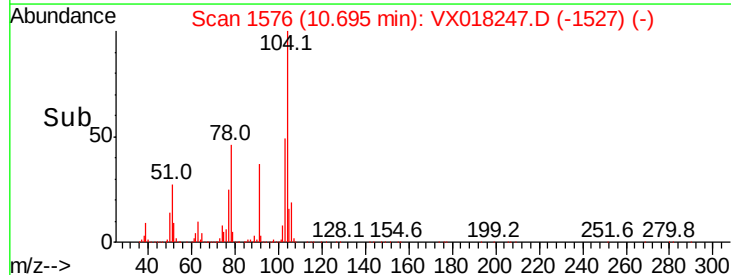
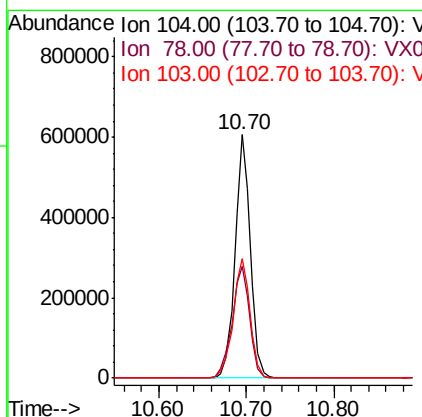
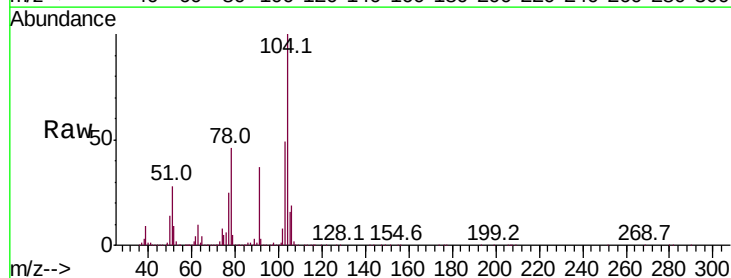
Instrument :
MSVOA_X
ClientSampleId :

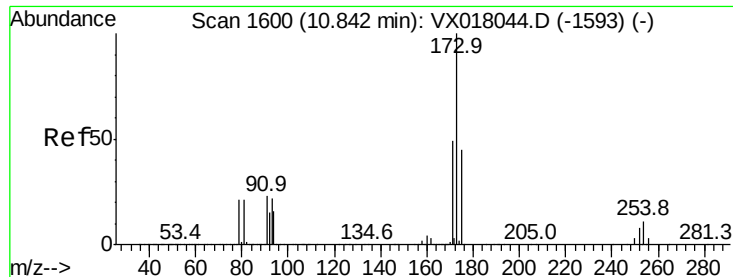
Tot Ion:106 Resp: 422561
Ion Ratio Lower Upper
106 100
91 217.1 107.1 321.3



#70
Styrene
Concen: 54.418 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion:104 Resp: 743927
Ion Ratio Lower Upper
104 100
78 52.5 40.9 61.3
103 54.3 43.6 65.4





#71

Bromoform

Concen: 56.692 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

ClientSampled :

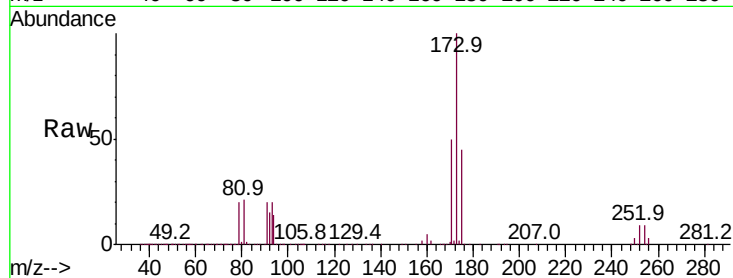
Tot Ion:173 Resp: 248639

Ion Ratio Lower Upper

173 100

175 46.3 23.9 71.8

254 0.2 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

250000

200000

150000

100000

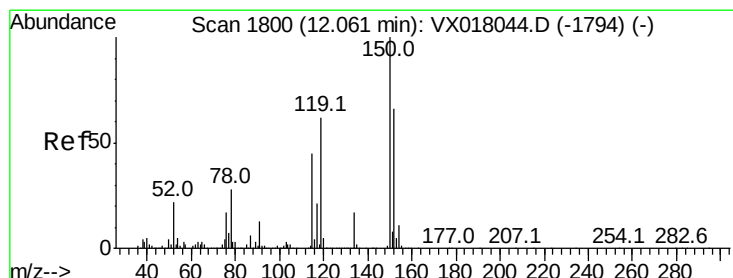
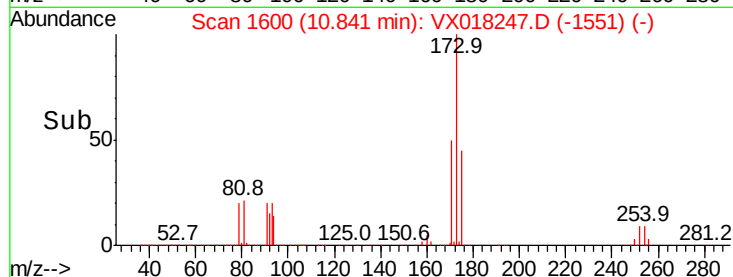
50000

0

10.84

10.80 10.90

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

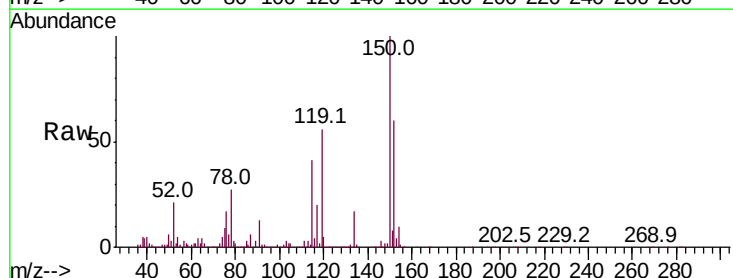
Tgt Ion:152 Resp: 347553

Ion Ratio Lower Upper

152 100

115 85.4 41.5 124.5

150 176.2 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

600000

500000

400000

300000

200000

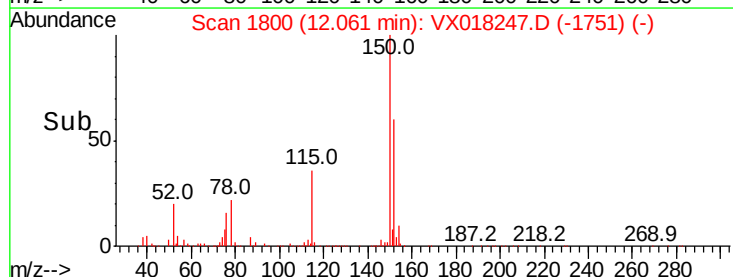
100000

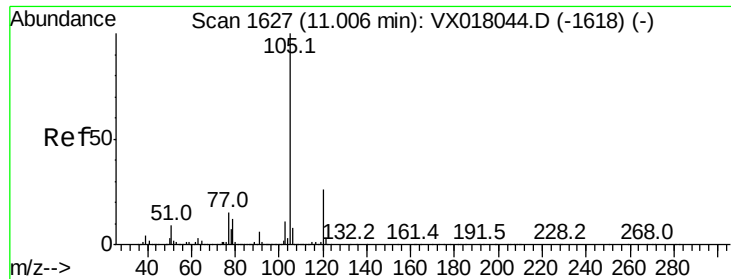
0

12.06

12.00 12.10

Time-->





#73

Isopropylbenzene

Concen: 50.052 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.01 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

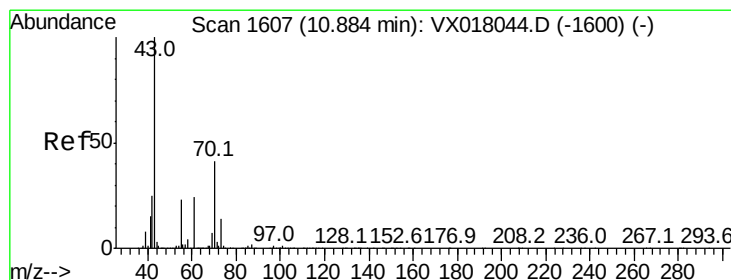
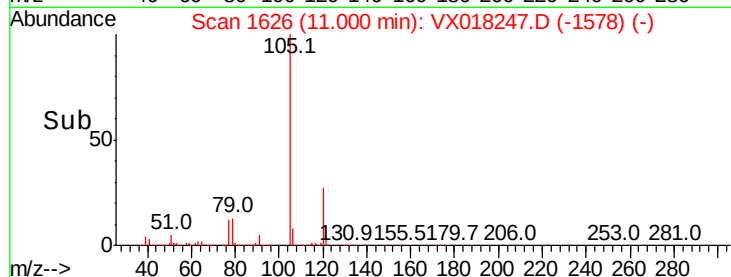
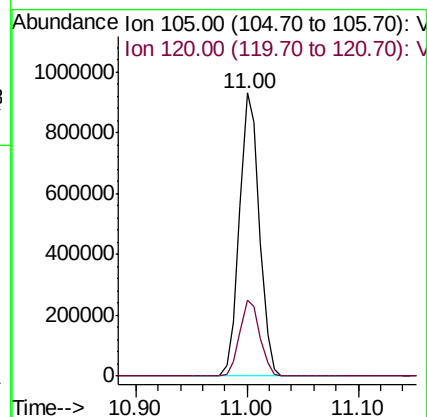
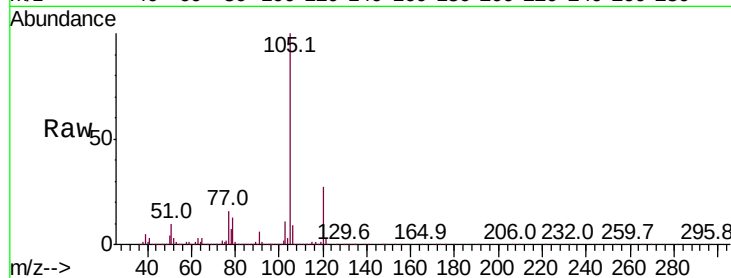
ClientSampleId :

Tot Ion:105 Resp: 1147432

Ion Ratio Lower Upper

105 100

120 27.2 13.2 39.5



#74

N-ethyl acetate

Concen: 48.384 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.01 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Tgt Ion: 43 Resp: 526278

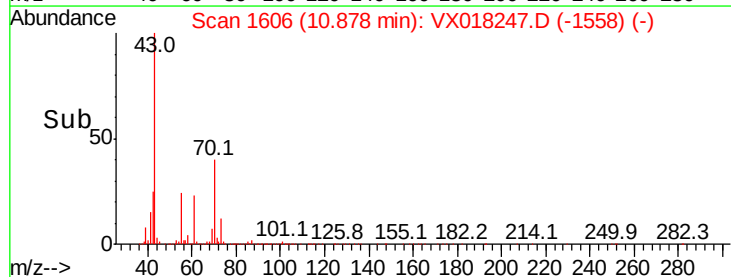
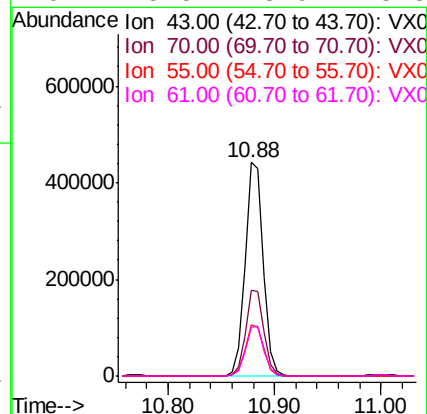
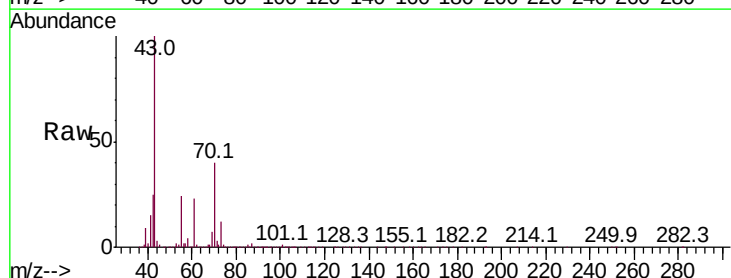
Ion Ratio Lower Upper

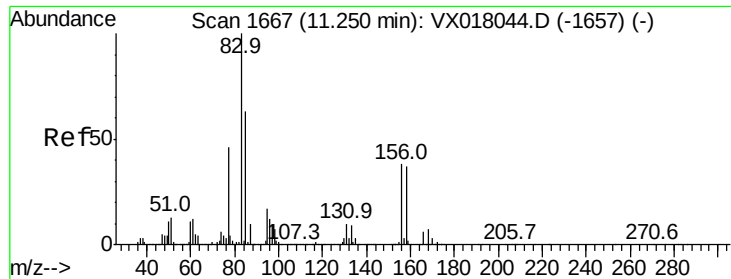
43 100

70 40.0 32.3 48.5

55 24.2 18.2 27.2

61 23.5 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.128 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

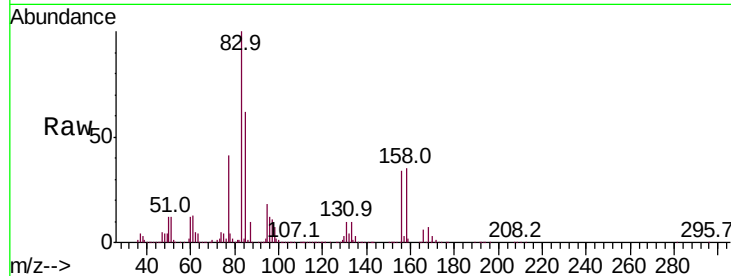
Tot Ion: 83 Resp: 381130

Ion Ratio Lower Upper

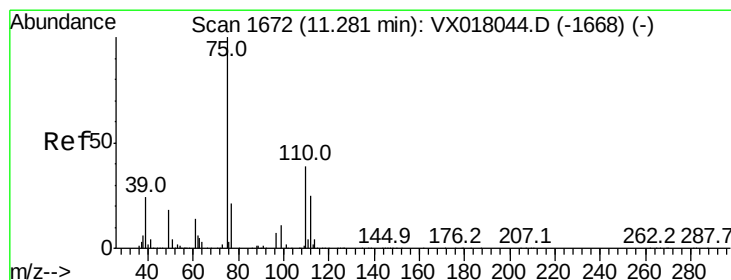
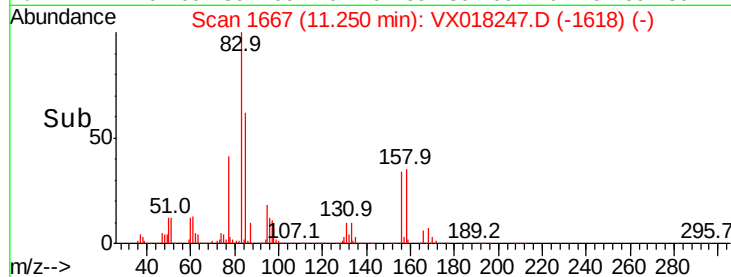
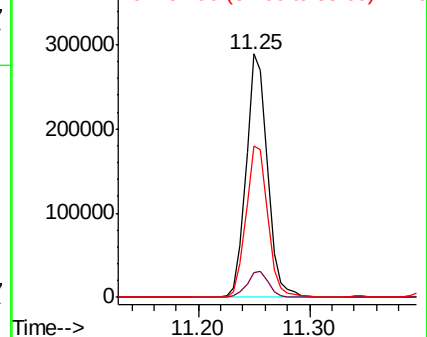
83 100

131 10.8 5.1 15.4

85 64.1 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: 60.920 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX018247.D

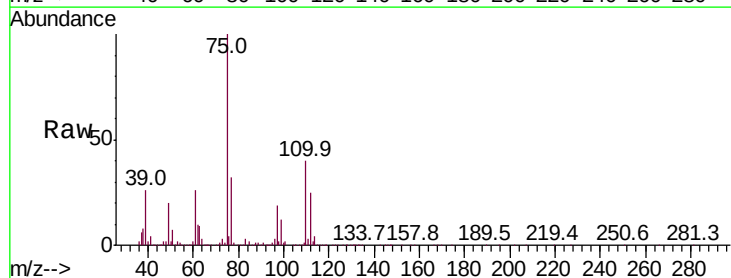
Acq: 03 Sep 2020 19:54

Tgt Ion: 75 Resp: 471001

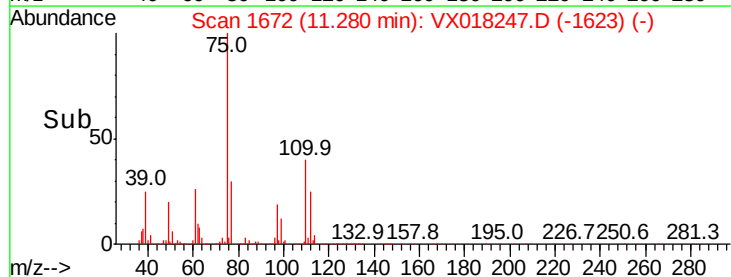
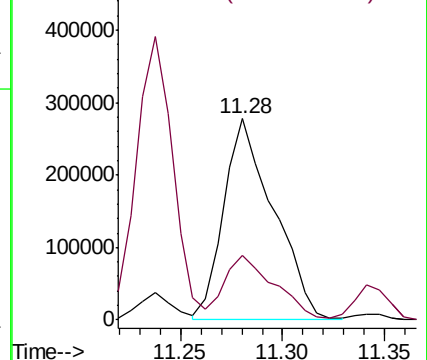
Ion Ratio Lower Upper

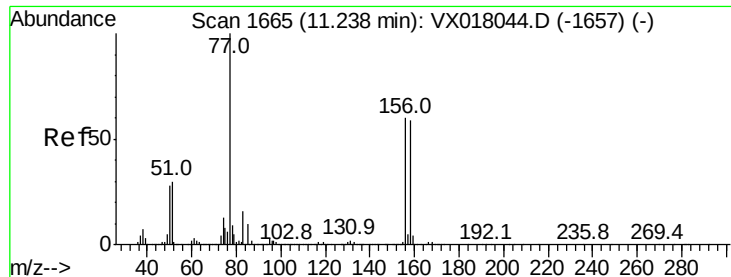
75 100

77 31.7 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: 46.757 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

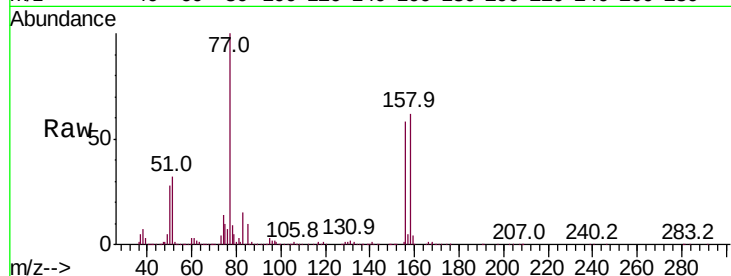
Tot Ion:156 Resp: 296294

Ion Ratio Lower Upper

156 100

77 165.5 80.0 240.2

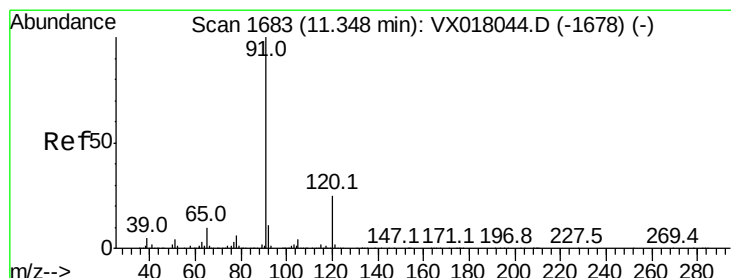
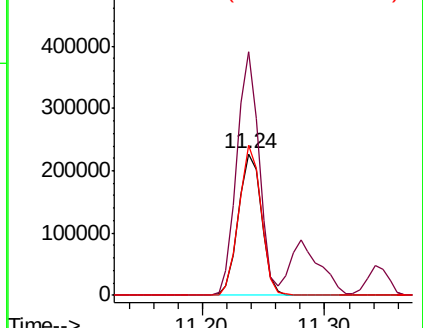
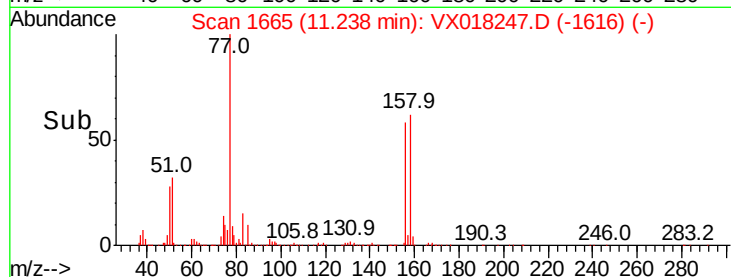
158 102.1 49.5 148.7



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: 50.988 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VX018247.D

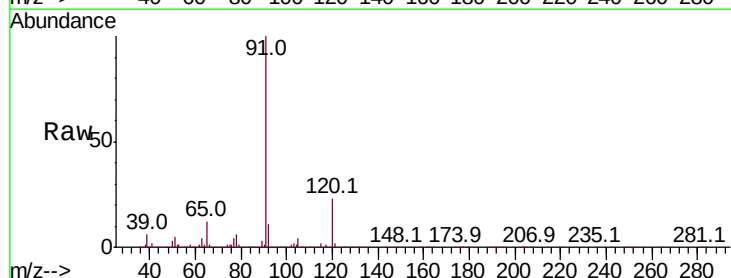
Acq: 03 Sep 2020 19:54

Tgt Ion: 91 Resp: 1327240

Ion Ratio Lower Upper

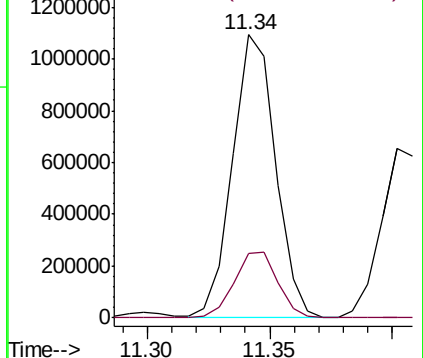
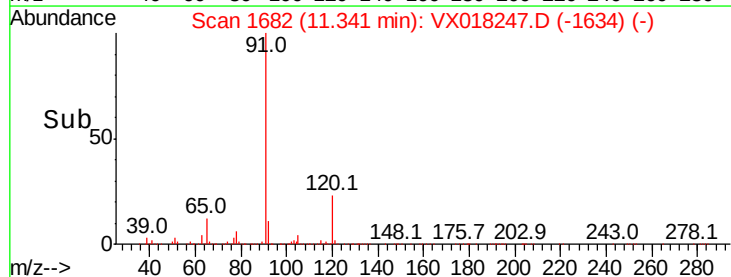
91 100

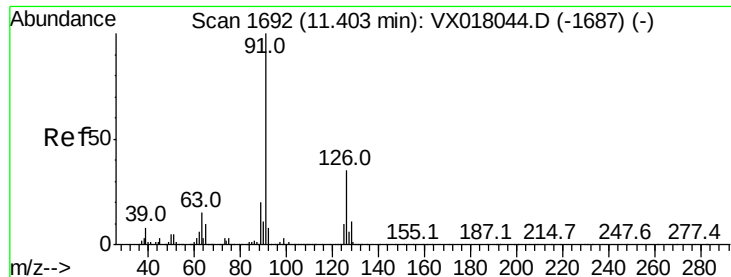
120 23.9 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.179 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

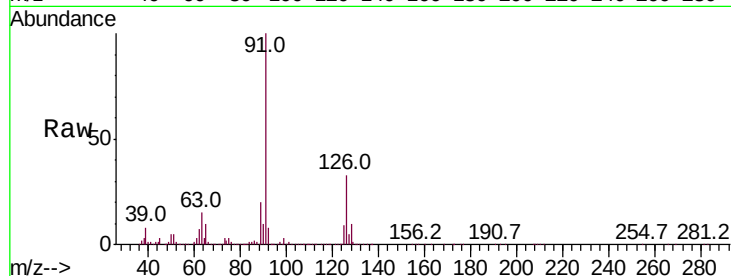
ClientSampleId :

Tot Ion: 91 Resp: 823071

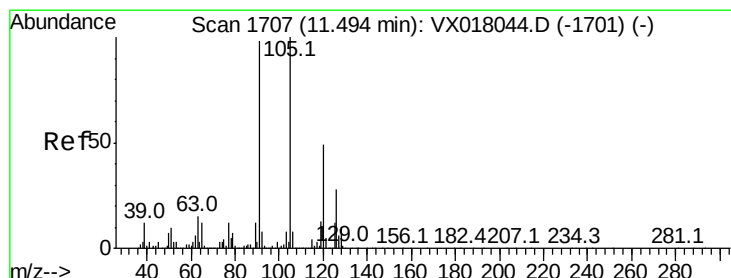
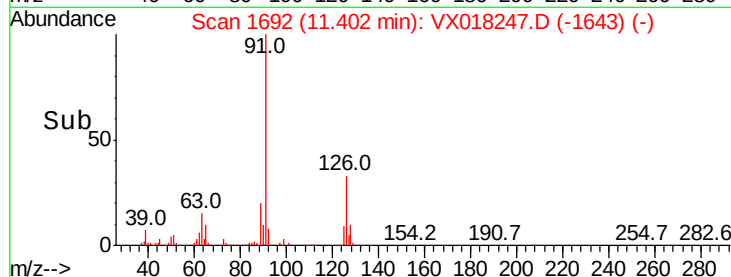
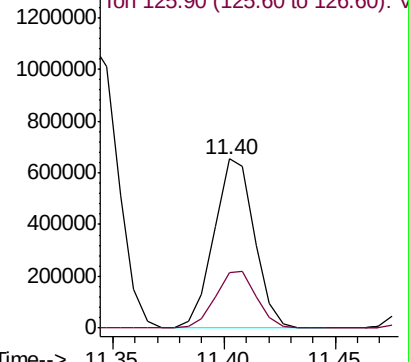
Ion Ratio Lower Upper

91 100

126 34.3 17.4 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX018044.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 53.725 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX018247.D

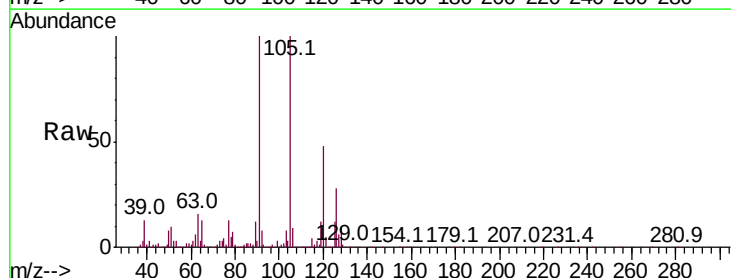
Acq: 03 Sep 2020 19:54

Tgt Ion: 105 Resp: 1012111

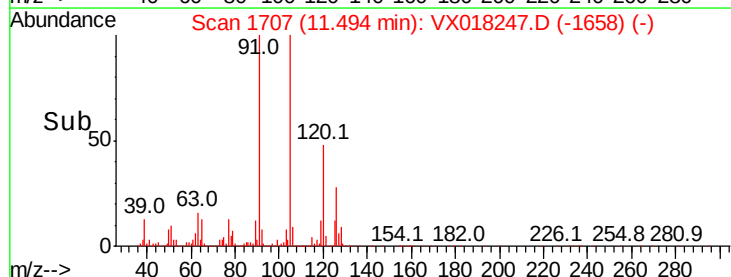
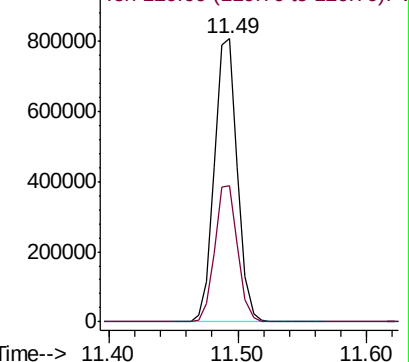
Ion Ratio Lower Upper

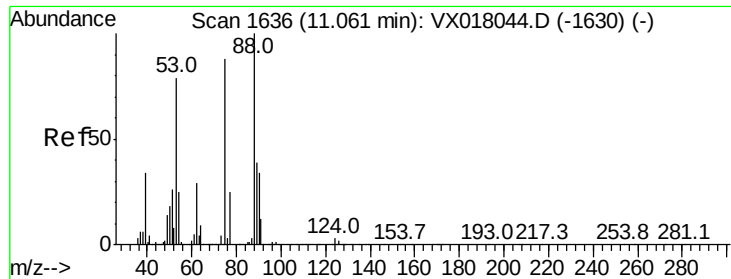
105 100

120 47.9 24.1 72.2



Abundance Ion 105.00 (104.70 to 105.70): VX018044.D (-1701) (-)

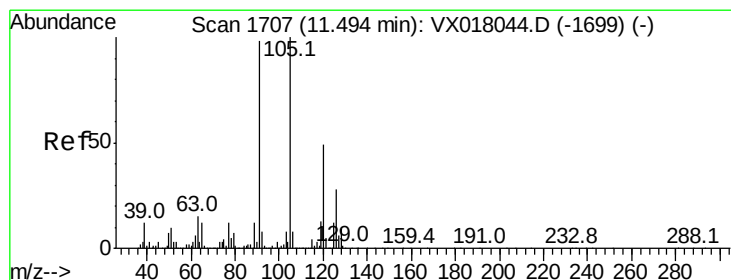
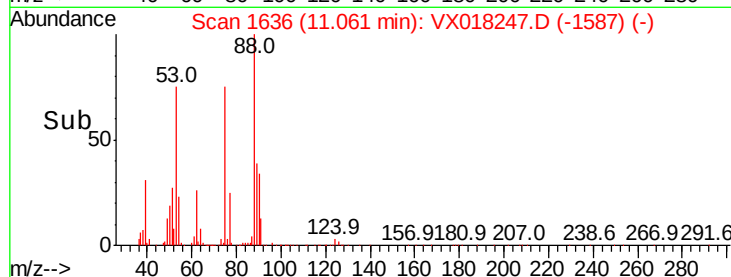
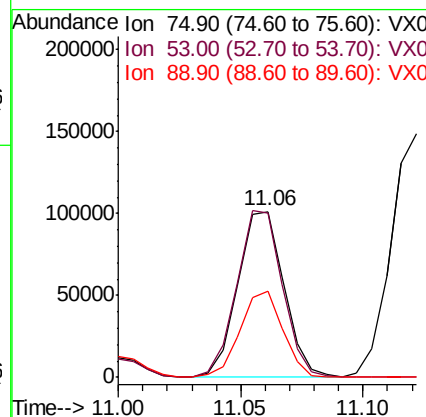
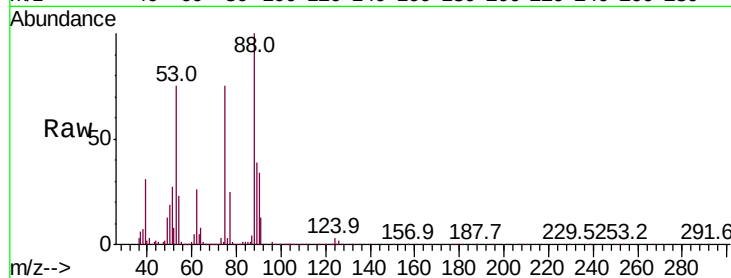




#81
trans-1,4-Dichloro-2-butene
Concen: 46.387 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

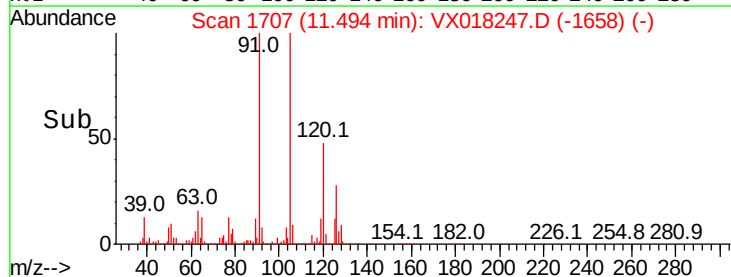
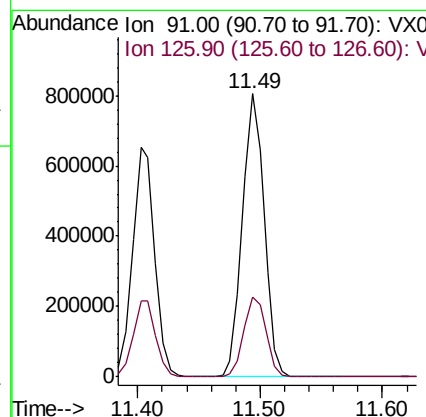
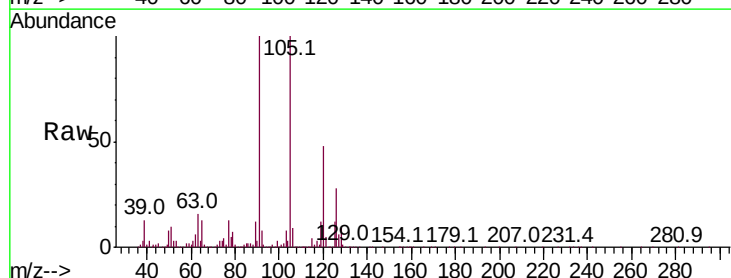
Instrument :
MSVOA_X
ClientSampleId :

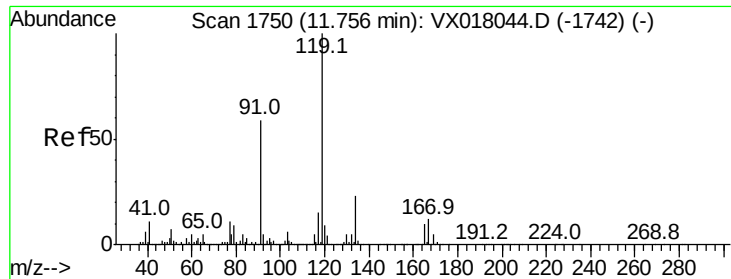
Tot Ion: 75 Resp: 132787
Ion Ratio Lower Upper
75 100
53 99.1 74.7 112.1
89 48.0 36.6 54.8



#82
4-Chlorotoluene
Concen: 51.636 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion: 91 Resp: 987188
Ion Ratio Lower Upper
91 100
126 28.9 15.1 45.3





#83

tert-Butylbenzene

Concen: 53.001 ug/l

RT: 11.76 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

ClientSampled :

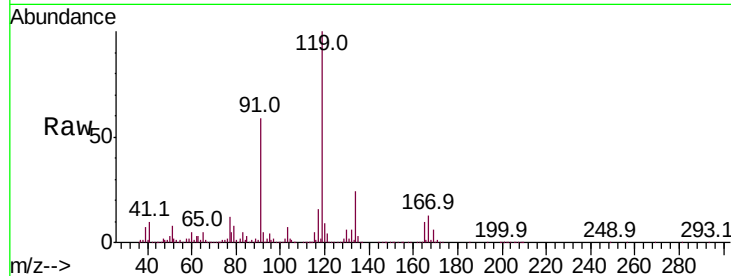
Tot Ion:119 Resp: 985356

Ion Ratio Lower Upper

119 100

91 58.6 28.2 84.7

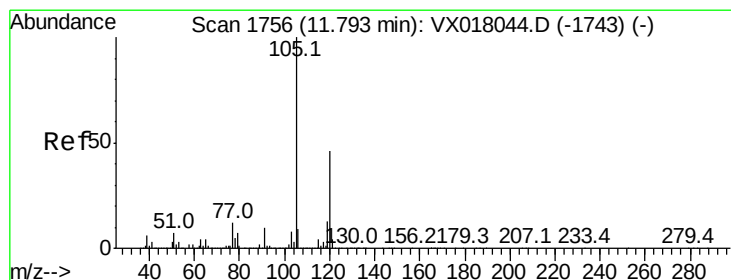
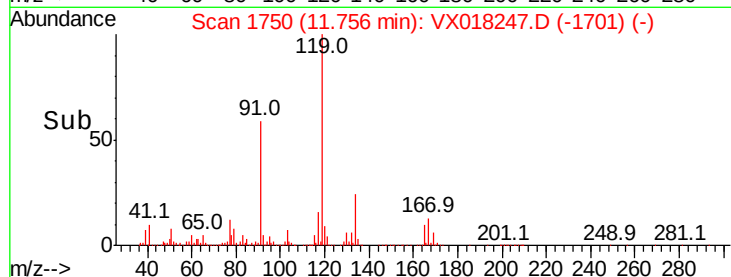
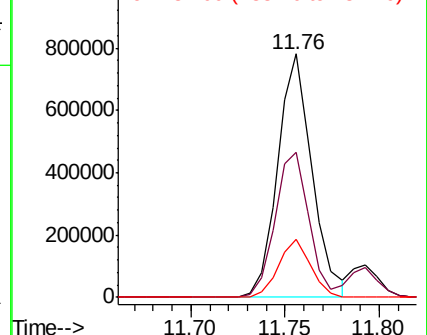
134 22.3 11.3 33.8



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: 53.654 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX018247.D

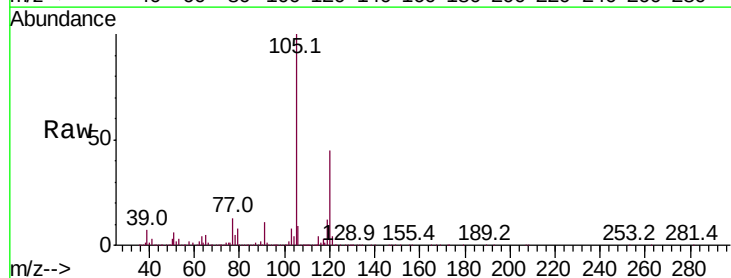
Acq: 03 Sep 2020 19:54

Tgt Ion:105 Resp: 1033394

Ion Ratio Lower Upper

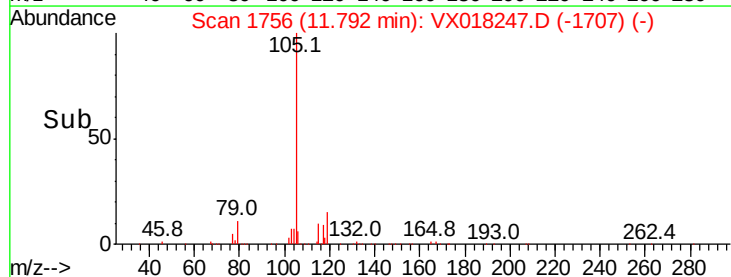
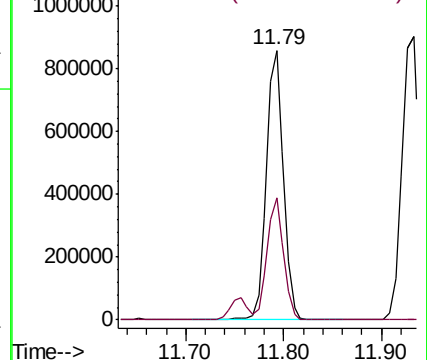
105 100

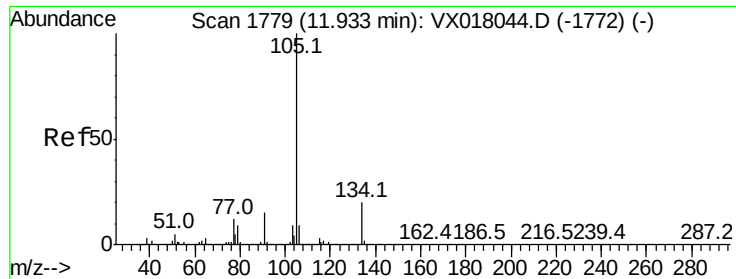
120 43.9 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.751 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

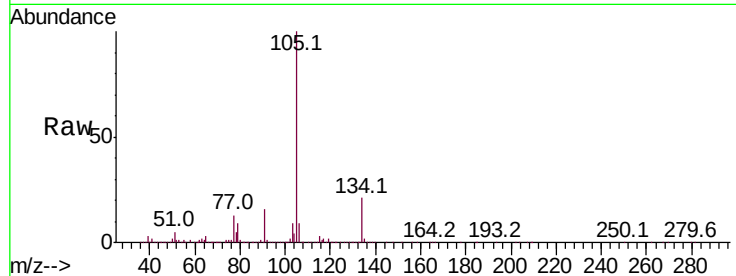
ClientSampleId :

Tot Ion:105 Resp: 1136405

Ion Ratio Lower Upper

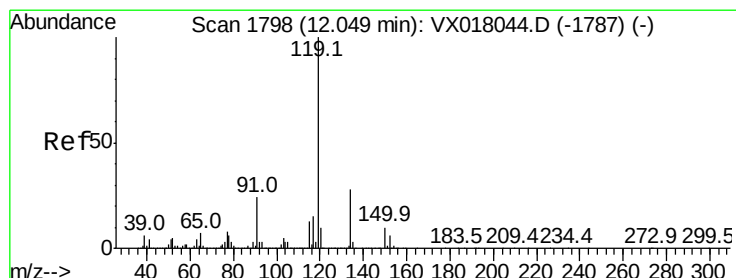
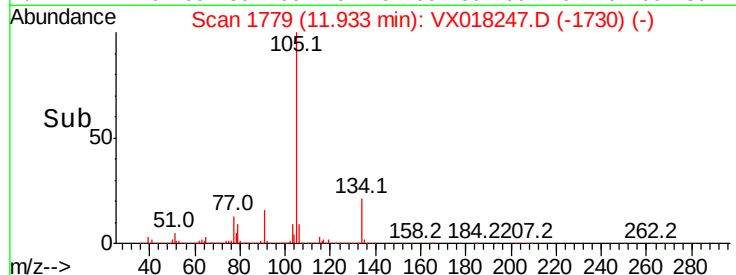
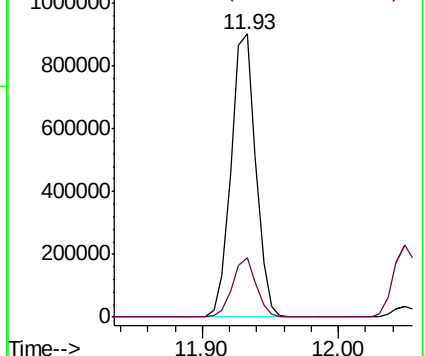
105 100

134 20.1 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 55.122 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

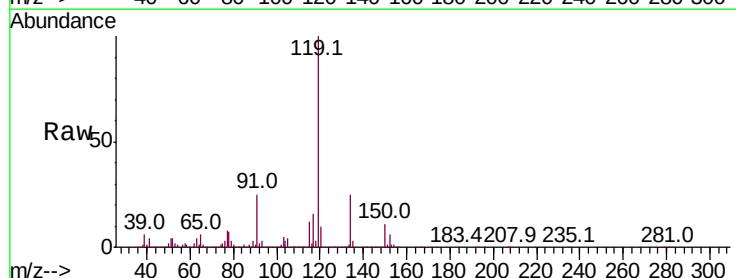
Tgt Ion:119 Resp: 1070479

Ion Ratio Lower Upper

119 100

134 26.2 13.2 39.5

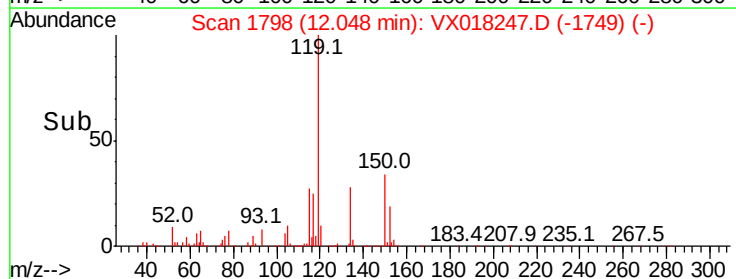
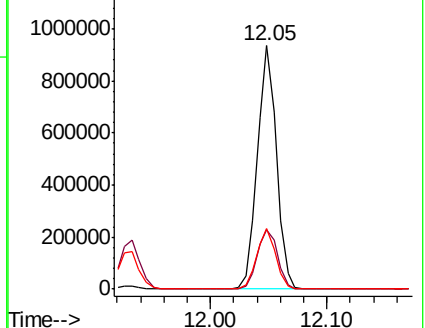
91 24.9 11.8 35.4

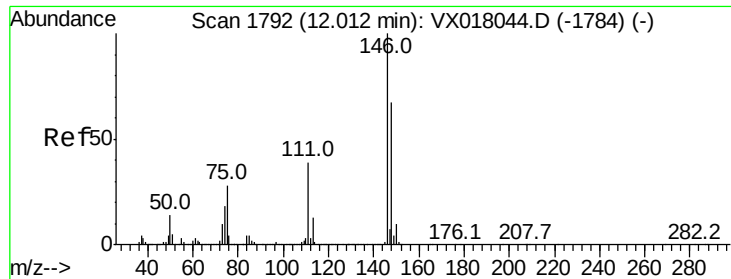


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.682 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

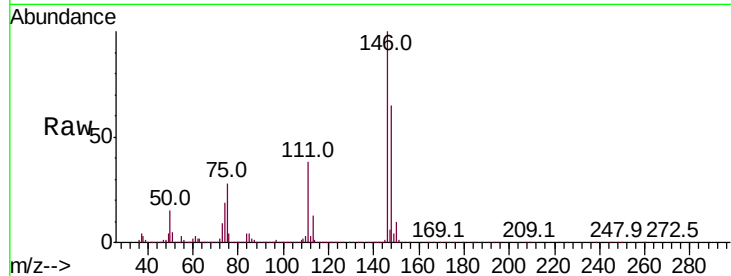
Tot Ion:146 Resp: 552757

Ion Ratio Lower Upper

146 100

111 41.0 20.6 61.8

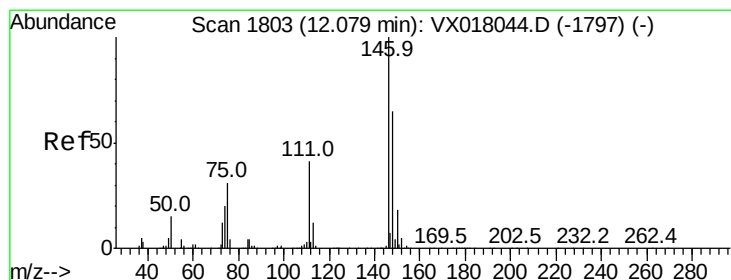
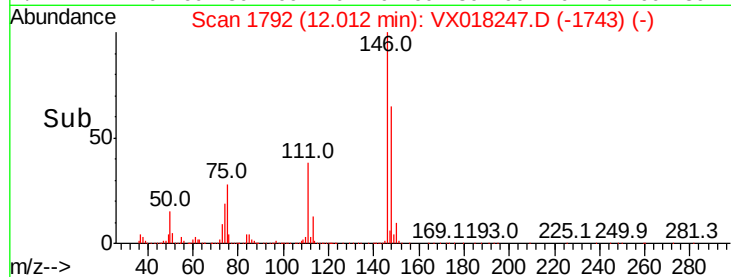
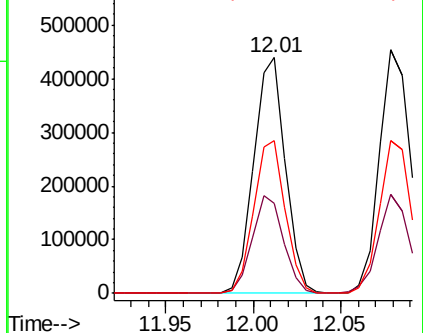
148 64.4 33.1 99.2



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



#88

1,4-Dichlorobenzene

Concen: 50.431 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

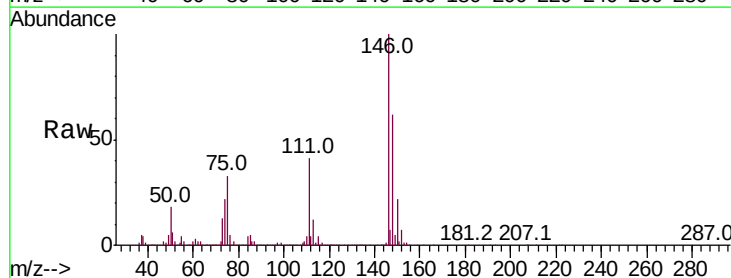
Tgt Ion:146 Resp: 561795

Ion Ratio Lower Upper

146 100

111 39.8 20.3 60.8

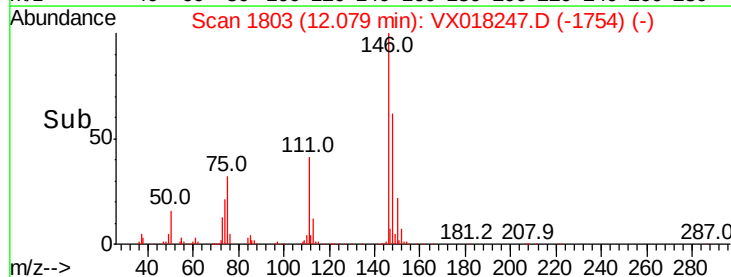
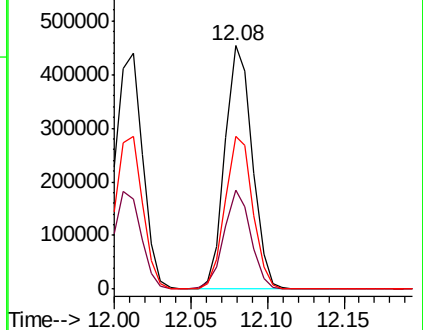
148 63.4 33.1 99.2

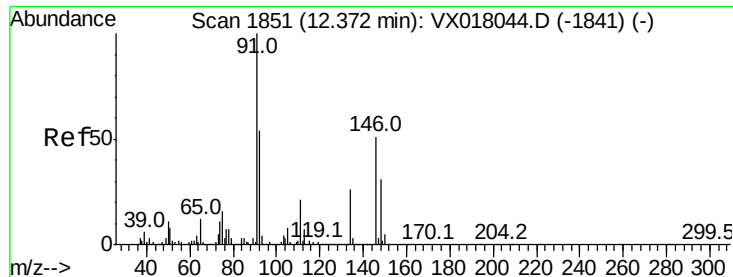


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

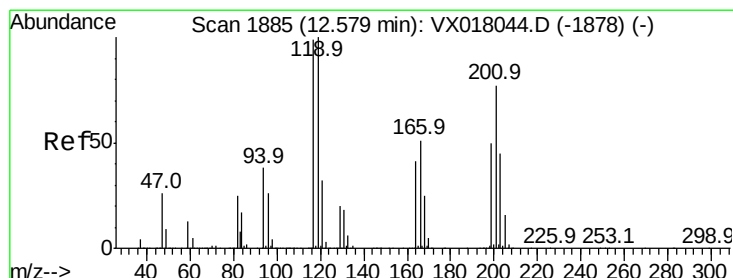
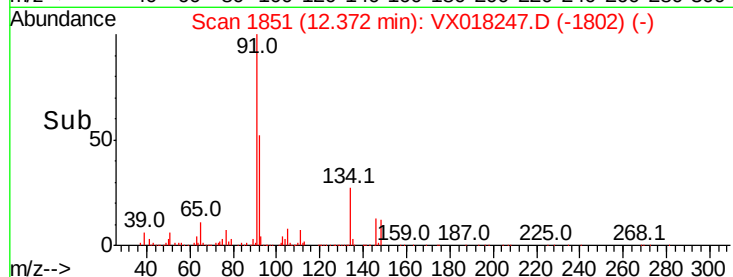
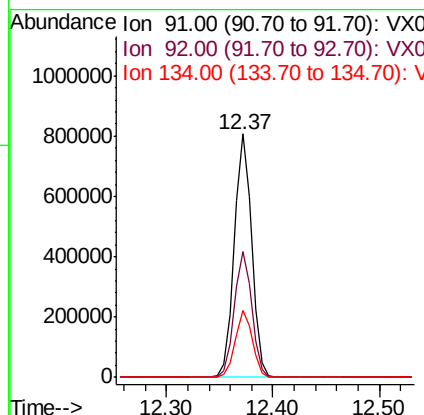
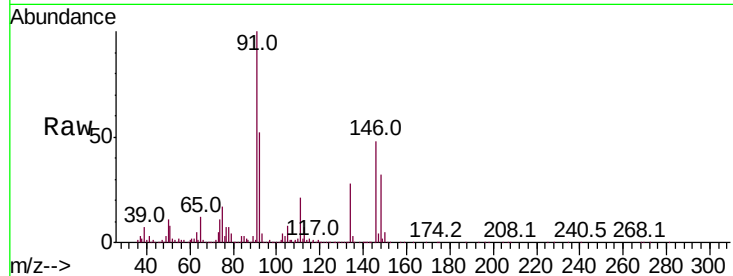




#89
n-Butylbenzene
Concen: 52.361 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

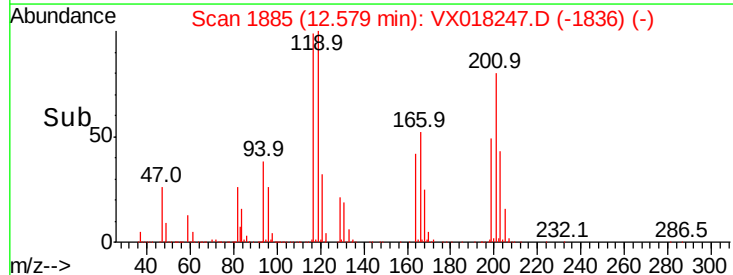
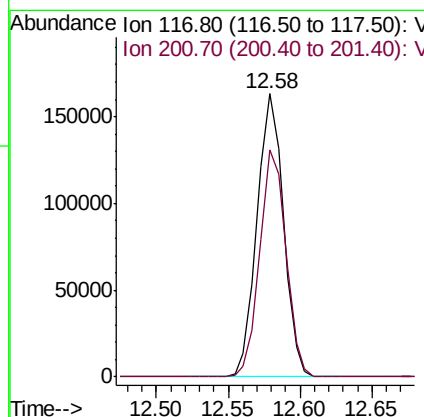
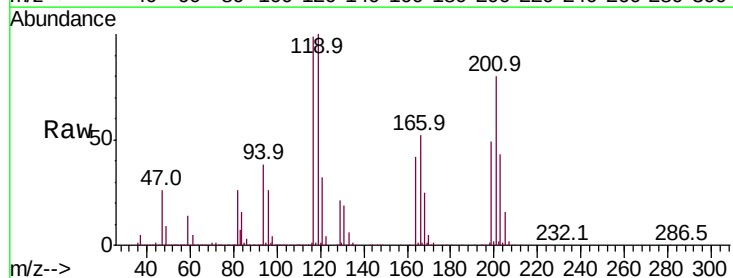
Instrument :
MSVOA_X
ClientSampled :

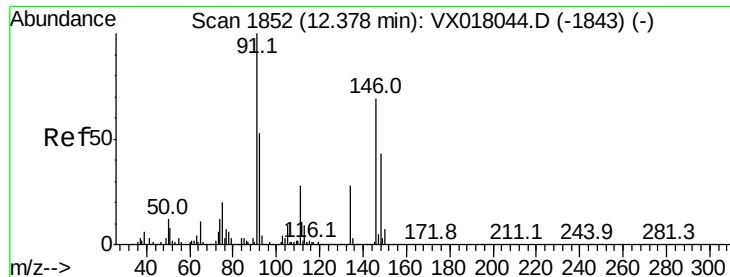
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.0	26.4	79.2
134	27.2	12.9	38.7



#90
Hexachloroethane
Concen: 54.053 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	79.4	38.5	115.3





#91

1,2-Dichlorobenzene

Concen: 50.350 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

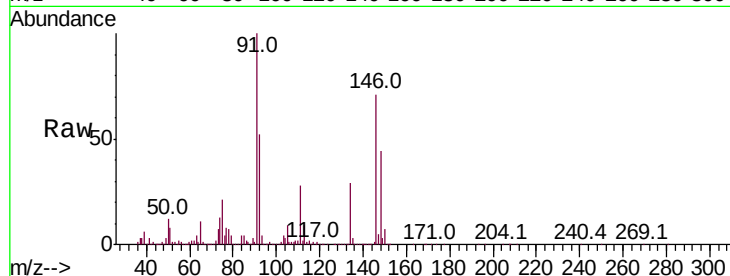
Tot Ion:146 Resp: 527318

Ion Ratio Lower Upper

146 100

111 42.2 20.8 62.5

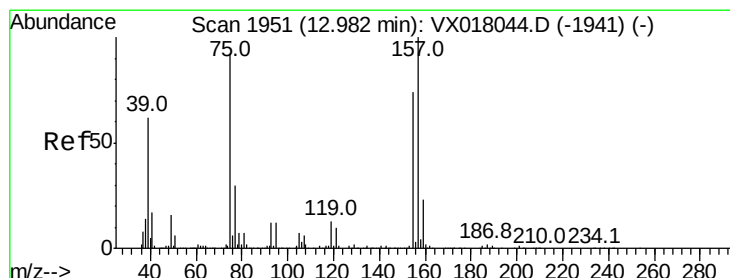
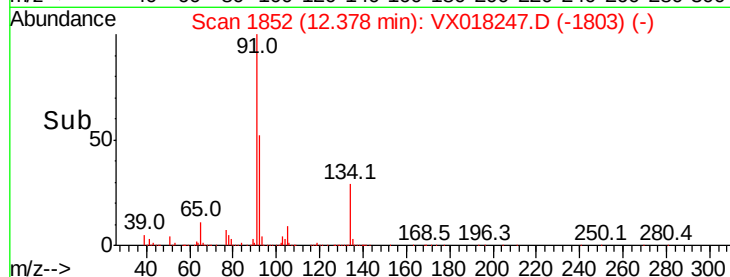
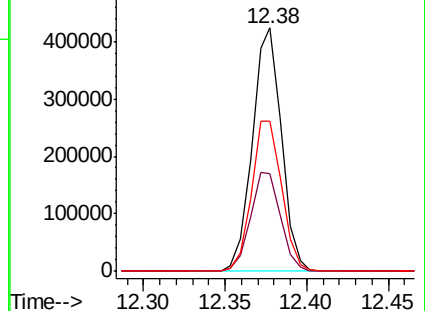
148 64.2 31.6 95.0



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: 46.882 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

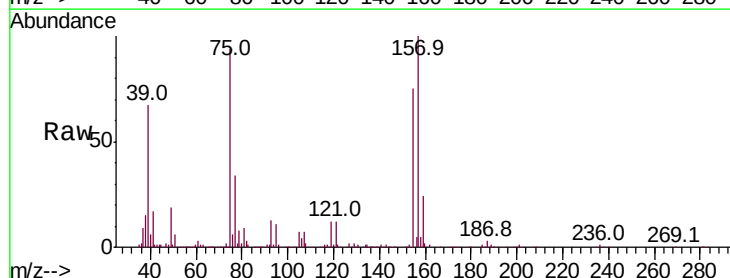
Tgt Ion: 75 Resp: 94800

Ion Ratio Lower Upper

75 100

155 82.9 40.2 120.6

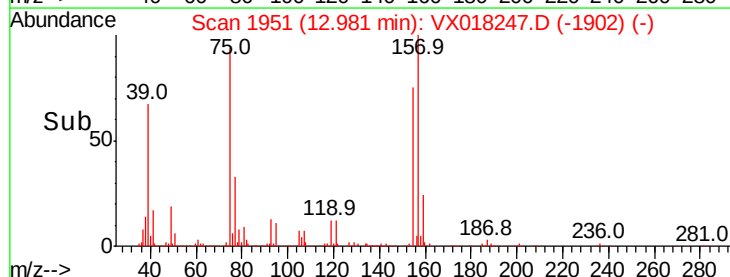
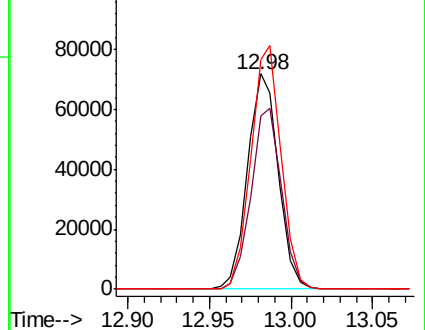
157 110.9 55.0 165.2

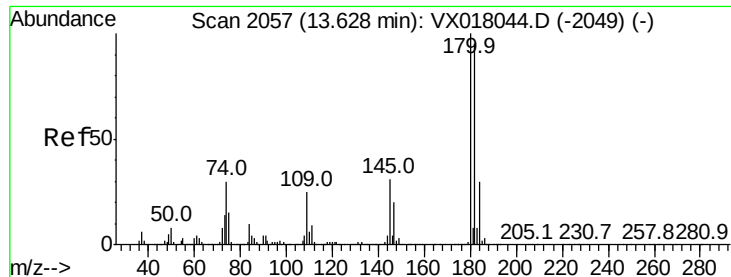


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#93

1,2,4-Trichlorobenzene

Concen: 51.792 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

Instrument :

MSVOA_X

ClientSampleId :

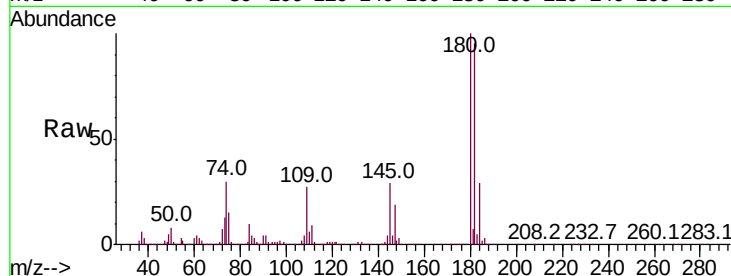
Tot Ion:180 Resp: 361703

Ion Ratio Lower Upper

180 100

182 91.5 47.5 142.6

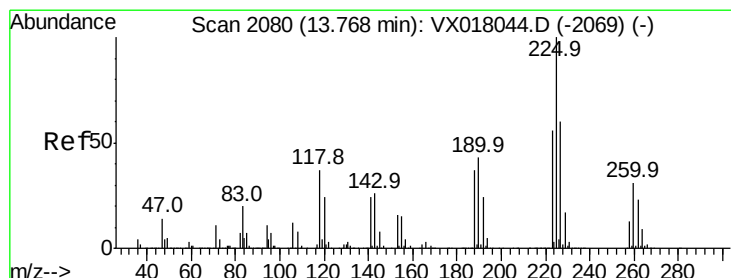
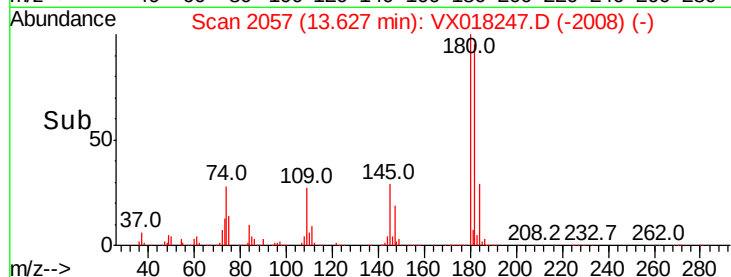
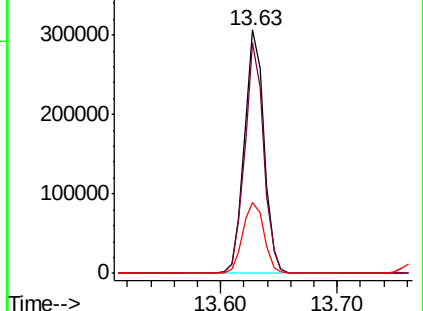
145 31.7 15.7 47.1



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: 56.335 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX018247.D

Acq: 03 Sep 2020 19:54

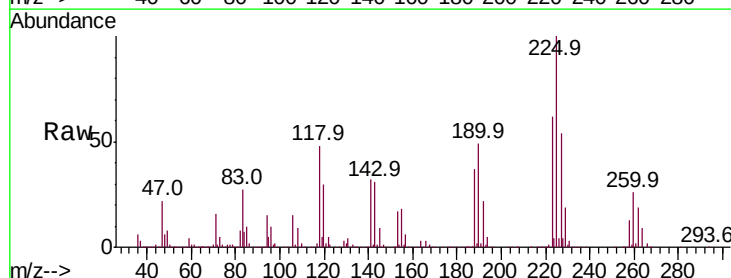
Tgt Ion:225 Resp: 155181

Ion Ratio Lower Upper

225 100

223 61.9 30.7 92.1

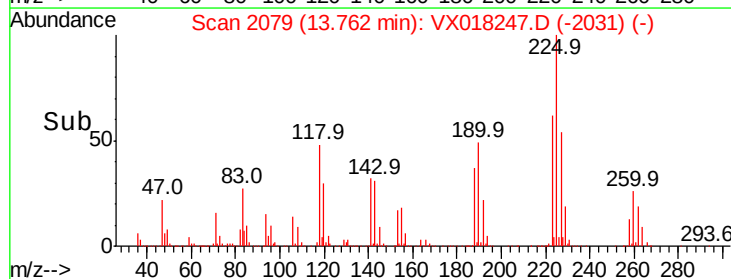
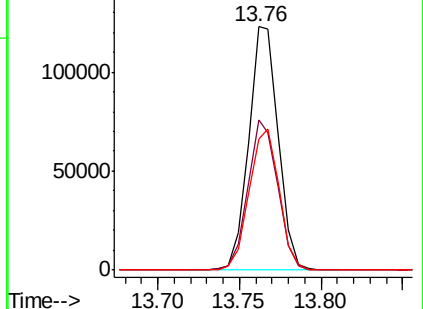
227 59.1 32.6 97.8

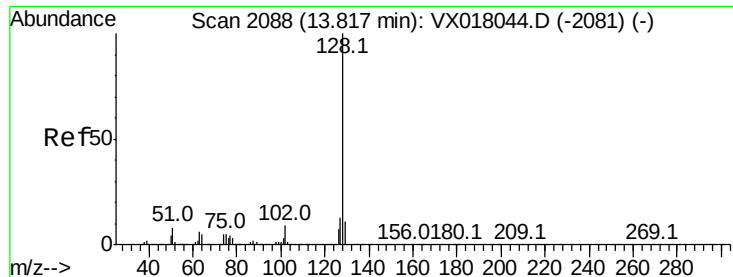


Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

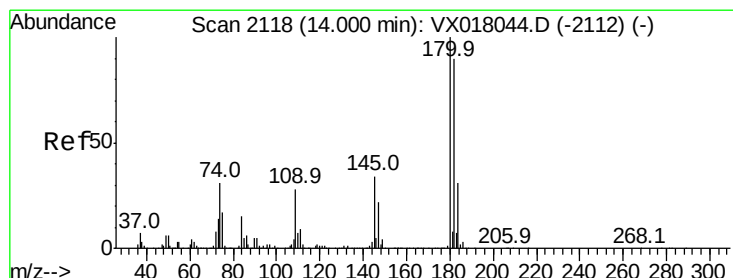
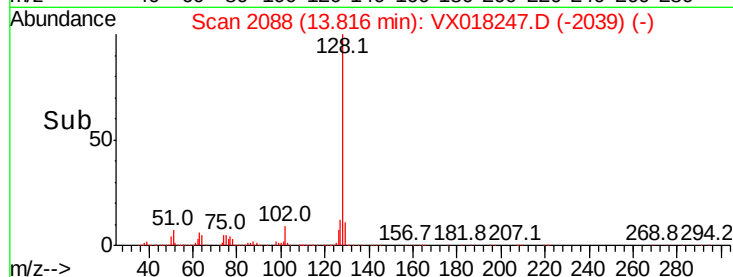
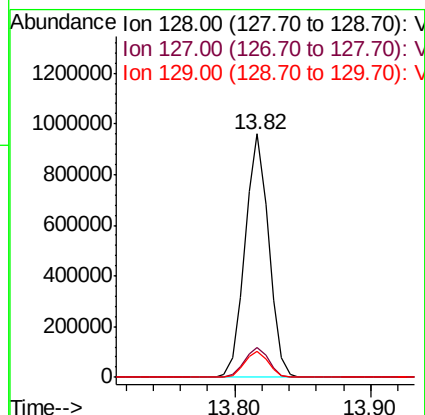
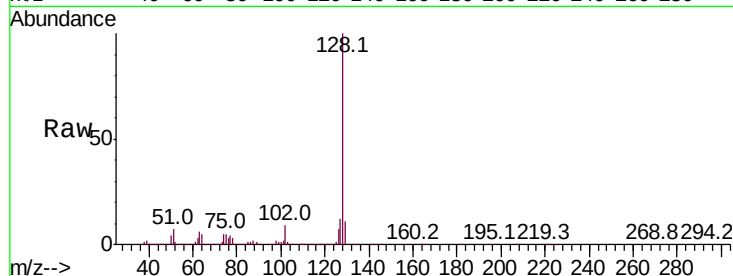




#95
Naphthalene
Concen: 50.797 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 1167492
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.880 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. 0.01 min
Lab File: VX018247.D
Acq: 03 Sep 2020 19:54

Tgt Ion:180 Resp: 351103
Ion Ratio Lower Upper
180 100
182 95.2 47.3 142.0
145 34.4 17.5 52.6

