

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016847.D
 Acq On : 18 Jun 2020 18:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 19 03:00:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 15:20:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	282055	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	455222	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	373905	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222801	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	175637	51.78	ug/l	0.00
Spiked Amount			Recovery	=	103.56%	
35) Dibromofluoromethane	5.46	113	125336	43.04	ug/l	0.00
Spiked Amount			Recovery	=	86.08%	
50) Toluene-d8	8.70	98	513558	44.08	ug/l	0.00
Spiked Amount			Recovery	=	88.16%	
62) 4-Bromofluorobenzene	11.12	95	184658	41.37	ug/l	0.00
Spiked Amount			Recovery	=	82.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	210885	55.556	ug/l	98
3) Chloromethane	1.31	50	196730	56.051	ug/l	100
4) Vinyl Chloride	1.39	62	209658	53.001	ug/l	97
5) Bromomethane	1.62	94	119646	56.551	ug/l	99
6) Chloroethane	1.71	64	120622	49.510	ug/l	99
7) Trichlorofluoromethane	1.92	101	278145	50.262	ug/l	100
8) Diethyl Ether	2.17	74	104105	48.385	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	128055	43.443	ug/l	98
10) Methyl Iodide	2.49	142	149793	53.380	ug/l	98
11) Tert butyl alcohol	3.01	59	151627	264.408	ug/l	99
12) 1,1-Dichloroethene	2.36	96	127242	42.215	ug/l	100
13) Acrolein	2.27	56	81911	235.590	ug/l	100
14) Allyl chloride	2.71	41	200594	50.313	ug/l	98
15) Acrylonitrile	3.12	53	339328	258.215	ug/l	99
16) Acetone	2.42	43	268452	252.845	ug/l	99
17) Carbon Disulfide	2.55	76	363239	46.632	ug/l	99
18) Methyl Acetate	2.75	43	165462	52.840	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	436417	50.806	ug/l	100
20) Methylene Chloride	2.84	84	140259	47.496	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	137406	48.294	ug/l	99
22) Diisopropyl ether	3.82	45	386010	50.533	ug/l	98
23) Vinyl Acetate	3.78	43	1624779	257.948	ug/l	100
24) 1,1-Dichloroethane	3.67	63	235969	49.453	ug/l	99
25) 2-Butanone	4.64	43	438595	258.794	ug/l	99
26) 2,2-Dichloropropane	4.55	77	214279	47.933	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	155683	48.683	ug/l	99
28) Bromochloromethane	4.98	49	93439	47.182	ug/l	96
29) Tetrahydrofuran	5.09	42	284238	266.300	ug/l	99
30) Chloroform	5.18	83	245106	48.657	ug/l	100
31) Cyclohexane	5.54	56	231876	55.275	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	233556	48.986	ug/l	100
36) 1,1-Dichloropropene	5.77	75	217697	51.793	ug/l	98
37) Ethyl Acetate	4.79	43	175290	47.200	ug/l	99
38) Carbon Tetrachloride	5.75	117	228629	48.477	ug/l	99

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Instrument :
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 ClientSampleId :

Quant Time: Jun 19 03:00:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 15:20:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	285789	58.477	ug/l	99
40) Benzene	6.11	78	651671	51.671	ug/l	98
41) Methacrylonitrile	5.01	41	96401	47.814	ug/l	99
42) 1,2-Dichloroethane	6.16	62	212769	47.409	ug/l	100
43) Isopropyl Acetate	6.41	43	333624	51.443	ug/l	100
44) Trichloroethene	7.19	130	202643	52.464	ug/l	100
45) 1,2-Dichloropropane	7.49	63	176875	55.787	ug/l	96
46) Dibromomethane	7.64	93	114707	53.349	ug/l	98
47) Bromodichloromethane	7.87	83	229606	50.210	ug/l	98
48) Methyl methacrylate	7.74	41	177801	58.222	ug/l	99
49) 1,4-Dioxane	7.71	88	84338	1233.717	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1039089	266.389	ug/l	100
52) Toluene	8.77	92	366409	43.794	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	225254	44.806	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	259470	48.245	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	140674	44.532	ug/l	99
56) Ethyl methacrylate	9.16	69	217846	47.637	ug/l	99
57) 1,3-Dichloropropane	9.35	76	235377	43.953	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	585580	257.886	ug/l	98
59) 2-Hexanone	9.48	43	668652	240.792	ug/l	100
60) Dibromochloromethane	9.57	129	168799	44.544	ug/l	100
61) 1,2-Dibromoethane	9.65	107	152184	44.392	ug/l	100
64) Tetrachloroethene	9.32	164	175085	50.567	ug/l	96
65) Chlorobenzene	10.12	112	392692	51.864	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	152432	51.946	ug/l	99
67) Ethyl Benzene	10.24	91	680379	53.259	ug/l	100
68) m/p-Xylenes	10.34	106	528279	106.269	ug/l	100
69) o-Xylene	10.68	106	252121	54.850	ug/l	99
70) Styrene	10.70	104	446774	57.205	ug/l	99
71) Bromoform	10.84	173	137026	55.541	ug/l #	99
73) Isopropylbenzene	11.00	105	686069	46.388	ug/l	100
74) N-amyl acetate	10.88	43	261366	52.177	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	187468	46.281	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	253615	65.282	ug/l	86
77) Bromobenzene	11.24	156	184368	47.126	ug/l	99
78) n-propylbenzene	11.34	91	763105	47.666	ug/l	99
79) 2-Chlorotoluene	11.40	91	467012	47.677	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	595715	45.839	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	75601	45.498	ug/l	99
82) 4-Chlorotoluene	11.49	91	552676	47.031	ug/l	99
83) tert-Butylbenzene	11.76	119	613184	50.072	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	661584	51.891	ug/l	99
85) sec-Butylbenzene	11.93	105	758534	53.333	ug/l	100
86) p-Isopropyltoluene	12.05	119	749452	57.513	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	381093	53.318	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	365533	50.568	ug/l	98
89) n-Butylbenzene	12.37	91	622198	49.270	ug/l	100
90) Hexachloroethane	12.58	117	125527	53.476	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	354603	51.391	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	45536	47.412	ug/l	97

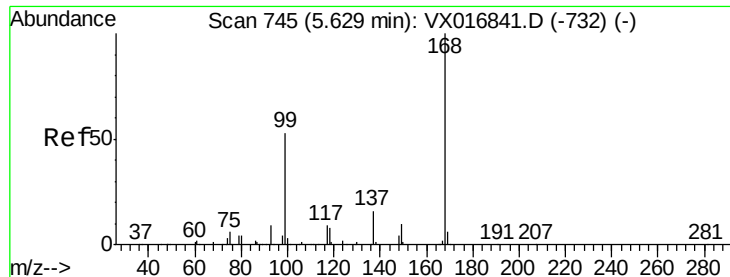
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
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Quant Title : SW846 8260
QLast Update : Thu Jun 18 15:20:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	212291	45.817	ug/l	96
94) Hexachlorobutadiene	13.77	225	100313	47.978	ug/l	97
95) Naphthalene	13.82	128	694660	51.066	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	218760	47.343	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

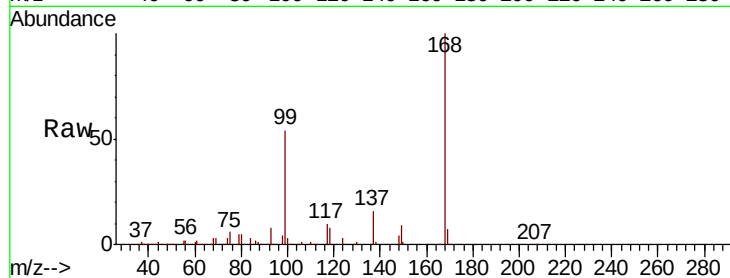
ClientSampled :

Tot Ion:168 Resp: 282055

Ion Ratio Lower Upper

168 100

99 53.6 42.2 63.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

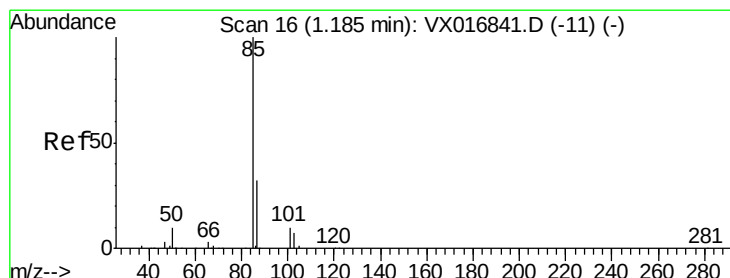
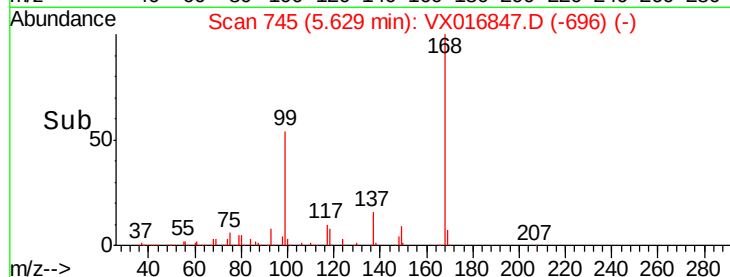
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 55.556 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016847.D

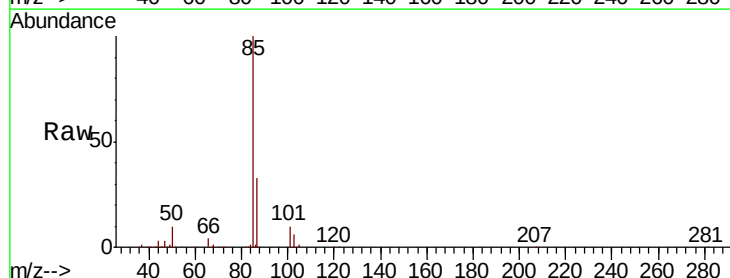
Acq: 18 Jun 2020 18:37

Tgt Ion: 85 Resp: 210885

Ion Ratio Lower Upper

85 100

87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

200000

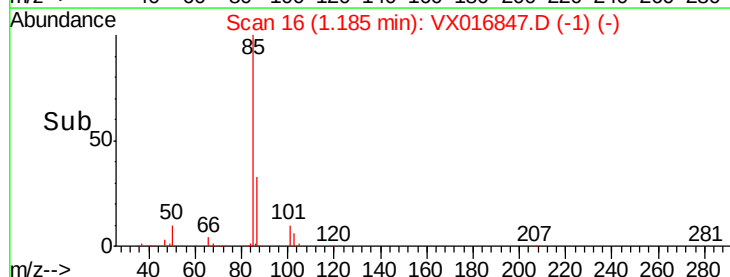
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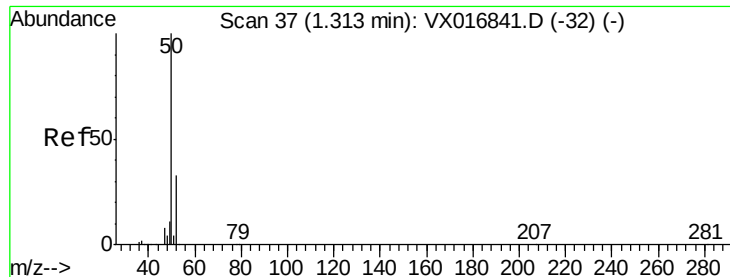
100000

50000

0

Time-->





#3

Chloromethane

Concen: 56.051 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

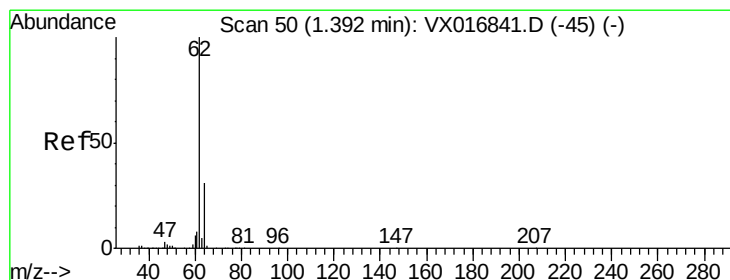
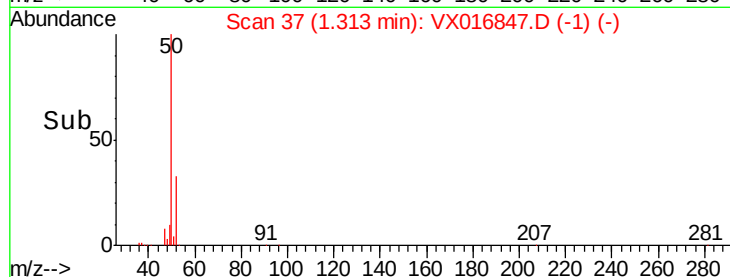
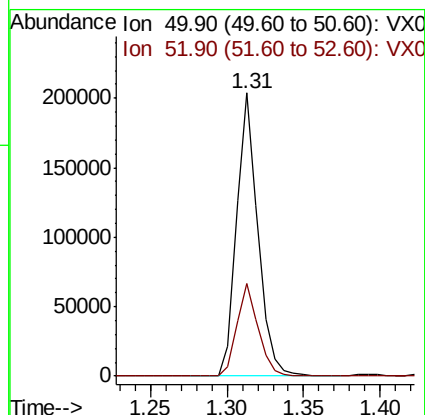
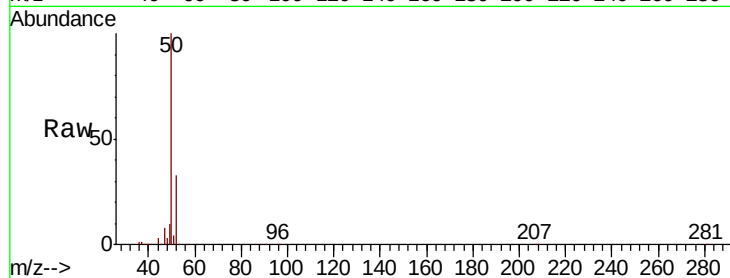
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 196730

Ion Ratio Lower Upper

50 100

52 32.7 26.1 39.1



#4

Vinyl Chloride

Concen: 53.001 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016847.D

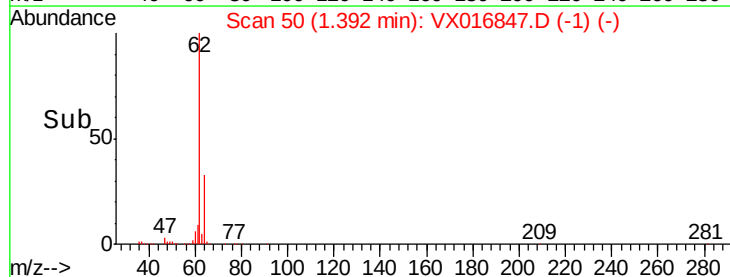
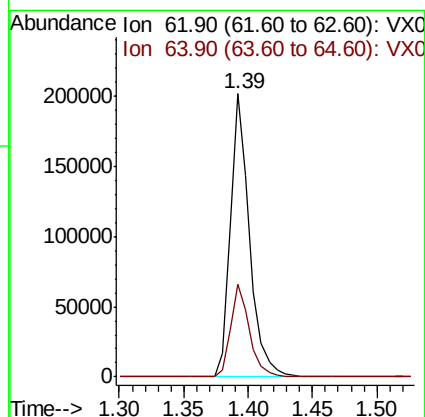
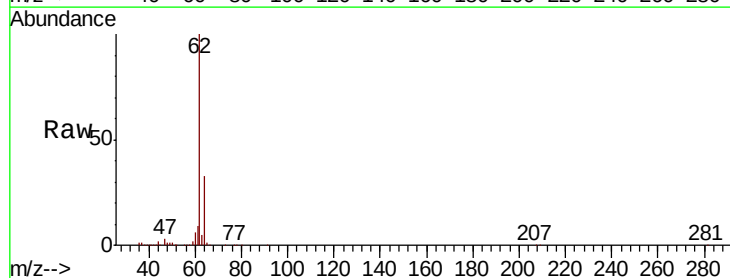
Acq: 18 Jun 2020 18:37

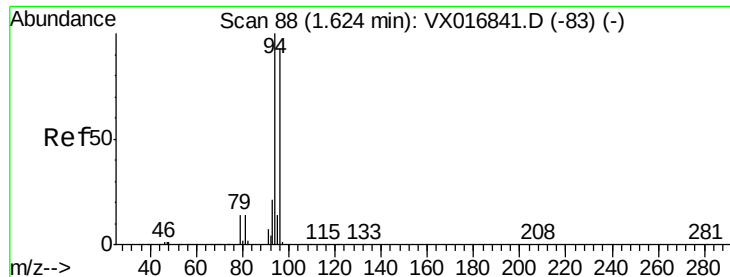
Tgt Ion: 62 Resp: 209658

Ion Ratio Lower Upper

62 100

64 32.6 25.0 37.4

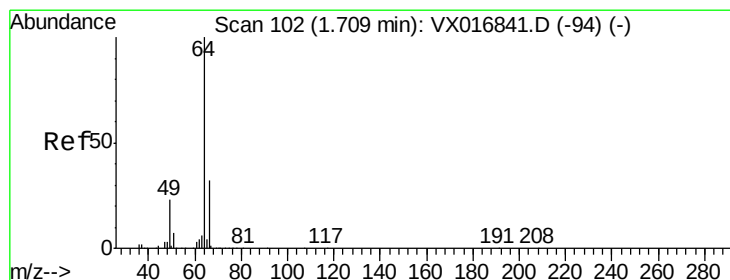
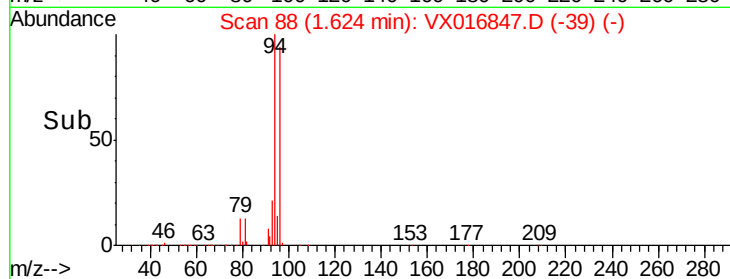
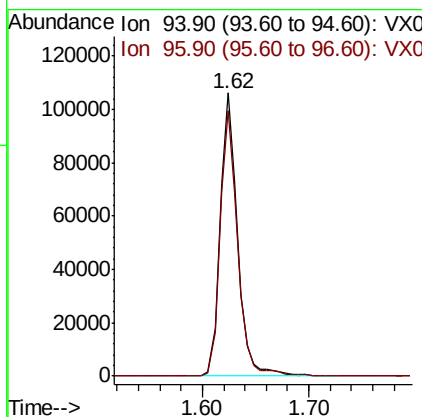
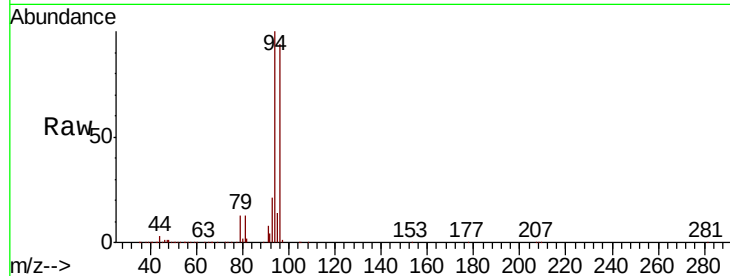




#5
Bromomethane
Concen: 56.551 ug/l
RT: 1.62 min Scan# 88
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

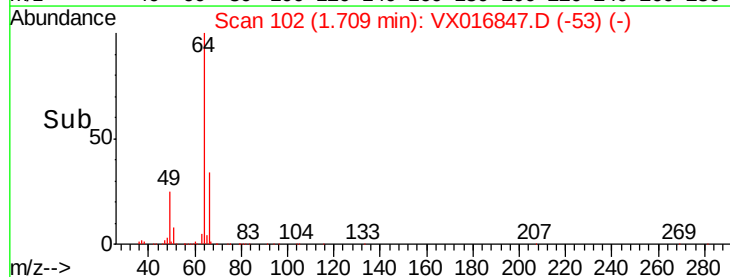
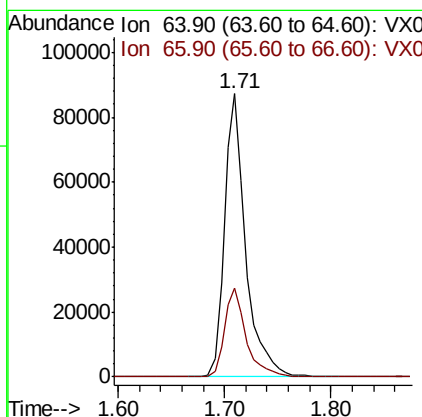
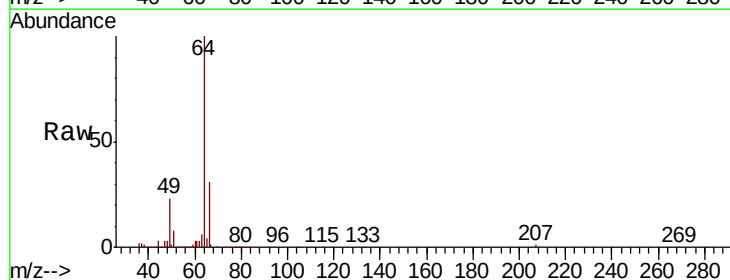
Instrument :
MSVOA_X
ClientSampleId :

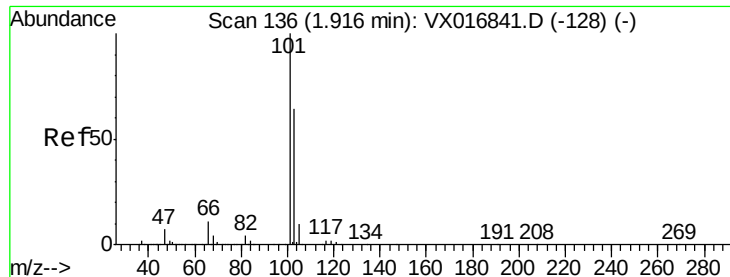
Tot Ion: 94 Resp: 119646
Ion Ratio Lower Upper
94 100
96 93.7 74.4 111.6



#6
Chloroethane
Concen: 49.510 ug/l
RT: 1.71 min Scan# 102
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Tgt Ion: 64 Resp: 120622
Ion Ratio Lower Upper
64 100
66 31.3 25.7 38.5



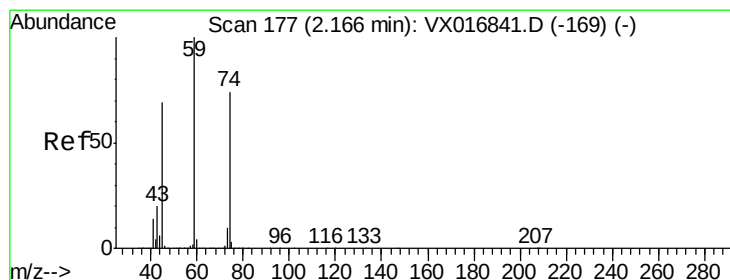
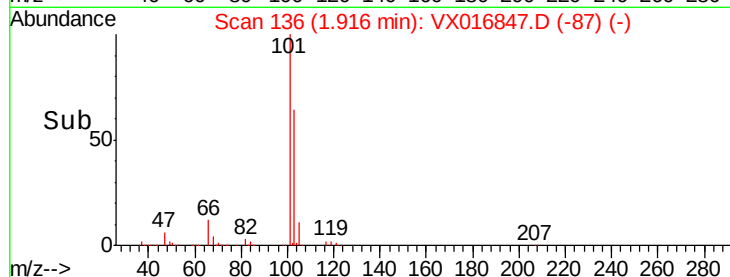
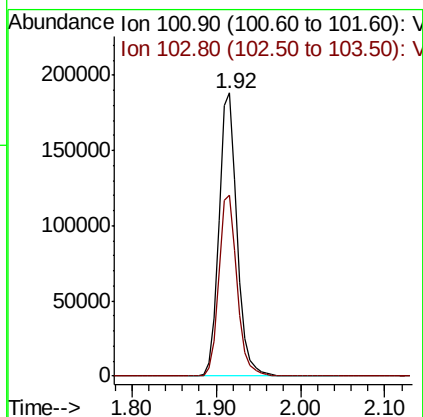
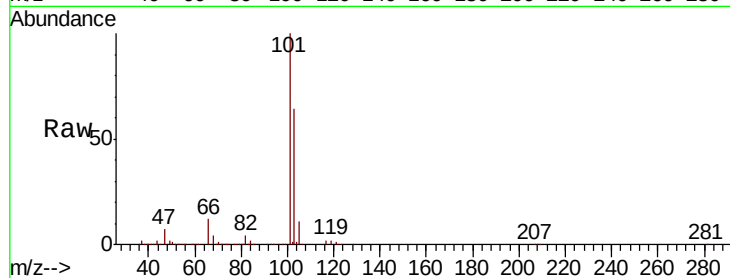


#7

Trichlorofluoromethane
Concen: 50.262 ug/l
RT: 1.92 min Scan# 136
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :

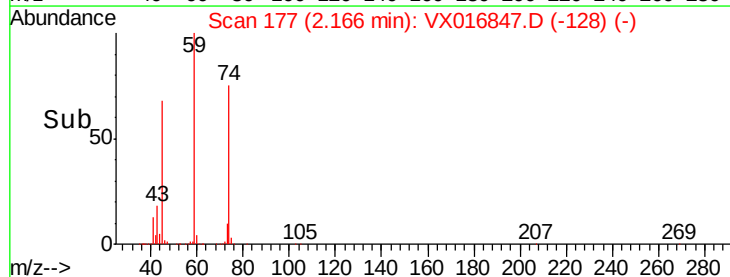
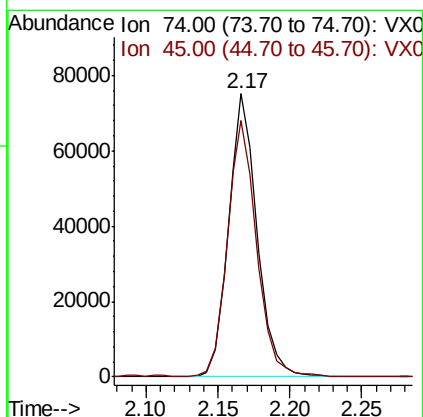
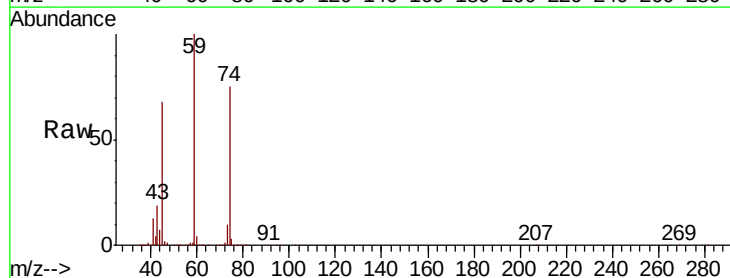
Tot Ion:101 Resp: 278145
Ion Ratio Lower Upper
101 100
103 64.0 51.2 76.8

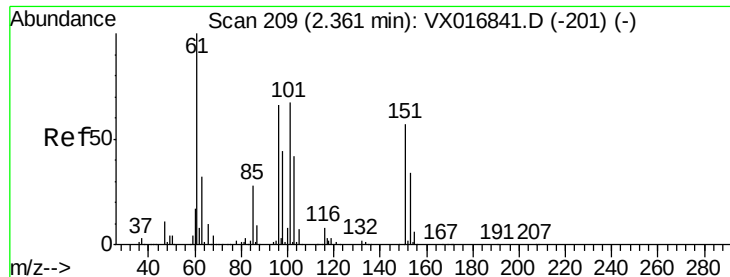


#8

Diethyl Ether
Concen: 48.385 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Tgt Ion: 74 Resp: 104105
Ion Ratio Lower Upper
74 100
45 92.1 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.443 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

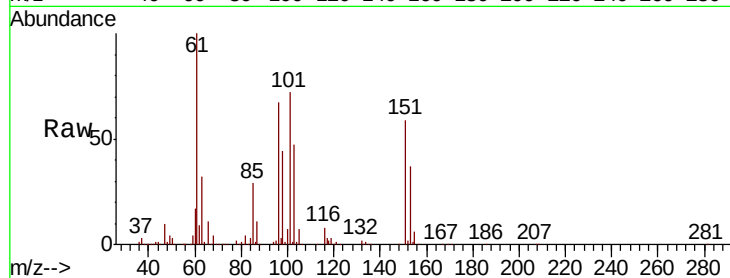
Tot Ion:101 Resp: 128055

Ion Ratio Lower Upper

101 100

85 41.4 34.3 51.5

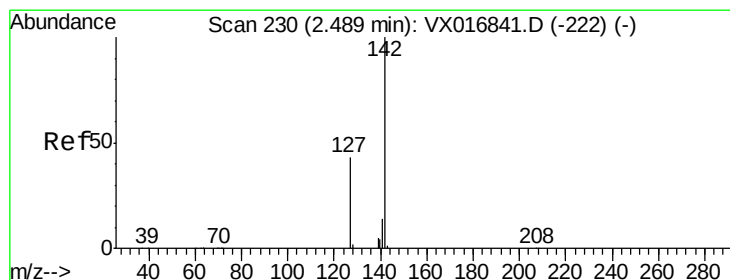
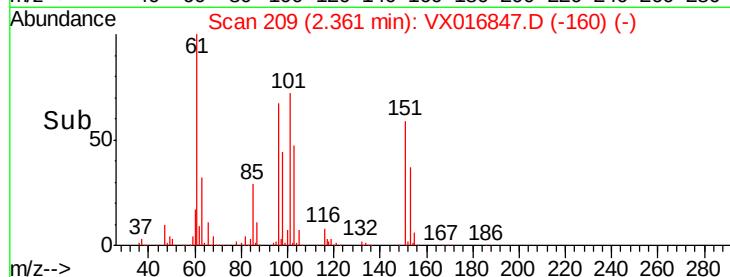
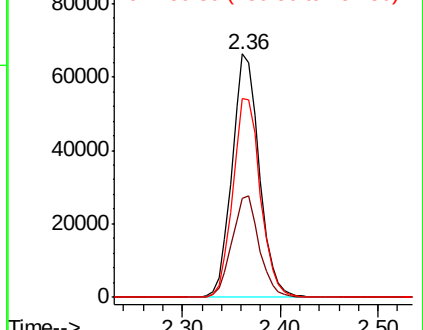
151 82.8 67.6 101.4



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: 53.380 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

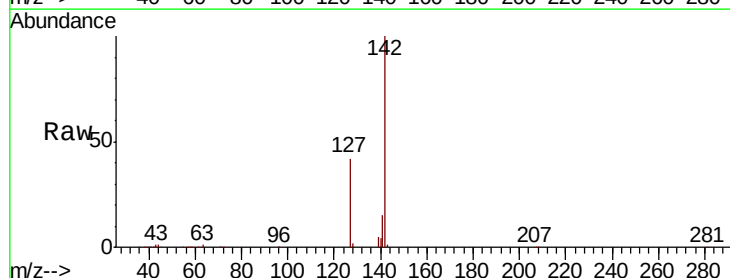
Tgt Ion:142 Resp: 149793

Ion Ratio Lower Upper

142 100

127 42.1 35.1 52.7

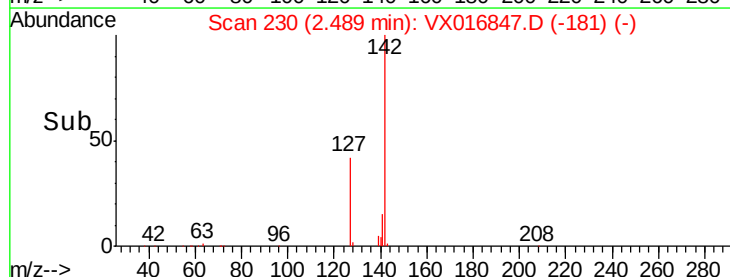
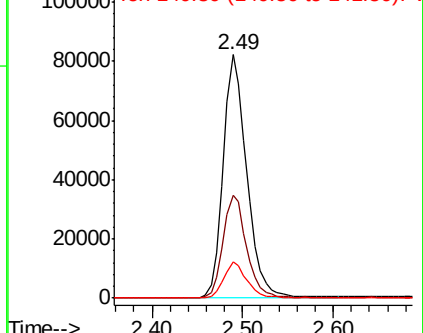
141 14.4 11.6 17.4

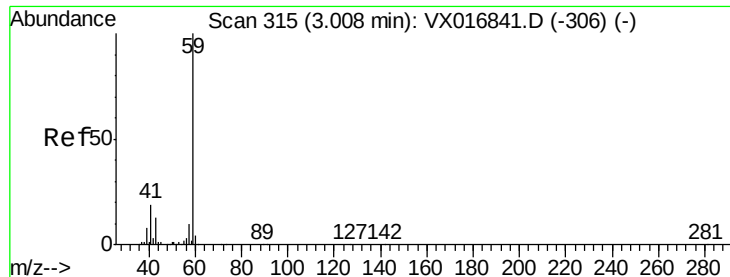


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

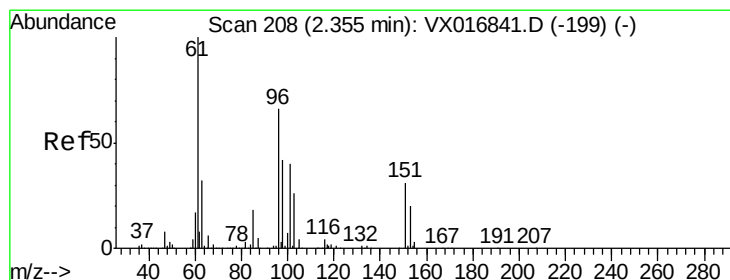
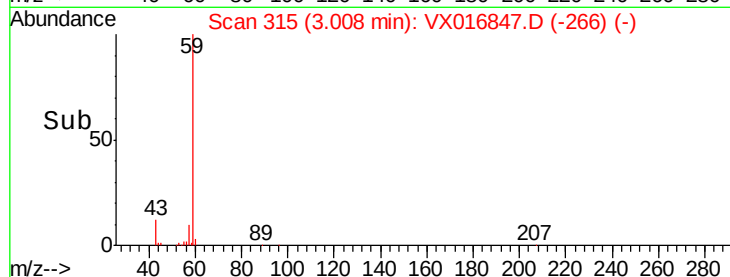
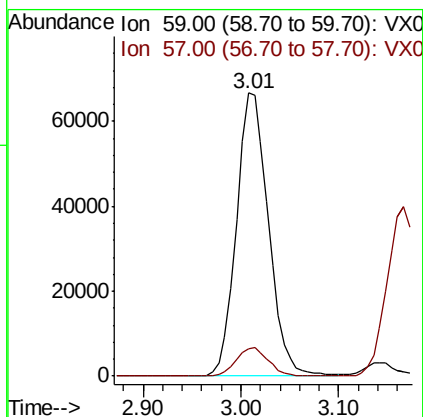
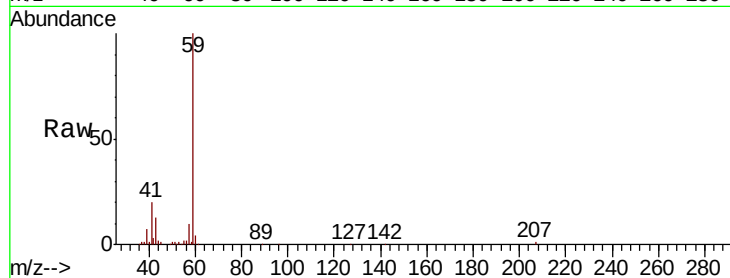




#11
Tert butyl alcohol
Concen: 264.408 ug/l
RT: 3.01 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

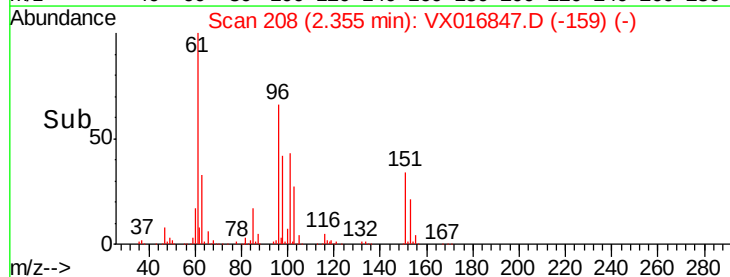
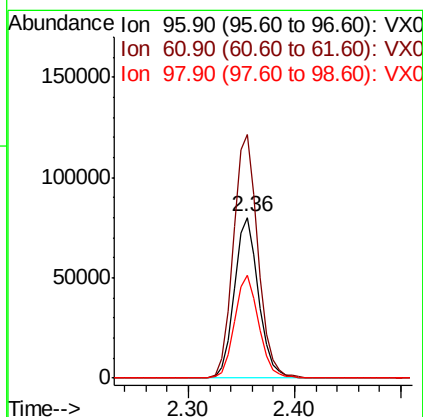
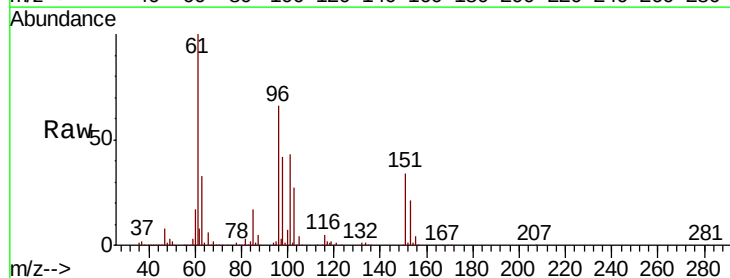
Instrument :
MSVOA_X
ClientSampleId :

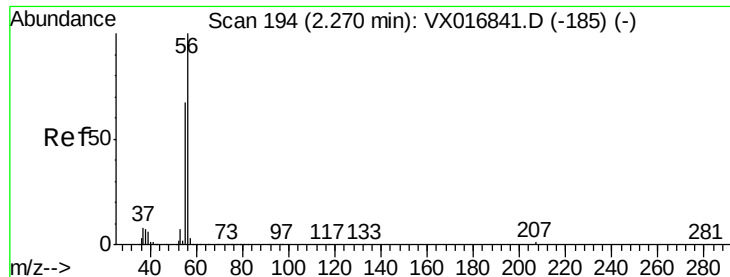
Tot Ion: 59 Resp: 151627
Ion Ratio Lower Upper
59 100
57 10.3 8.4 12.6



#12
1,1-Dichloroethene
Concen: 42.215 ug/l
RT: 2.36 min Scan# 208
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Tgt Ion: 96 Resp: 127242
Ion Ratio Lower Upper
96 100
61 151.9 121.7 182.5
98 63.9 51.1 76.7

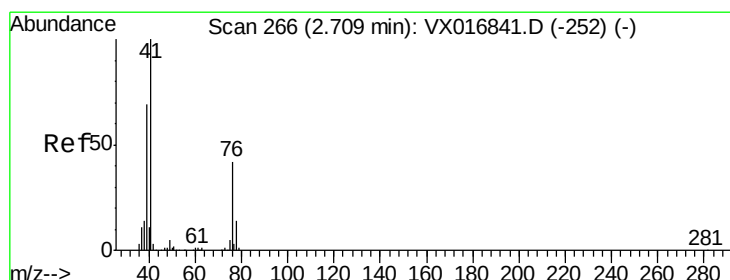
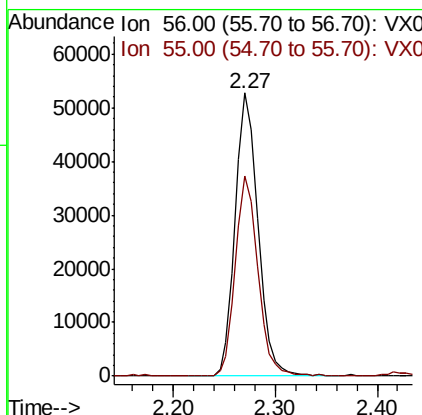
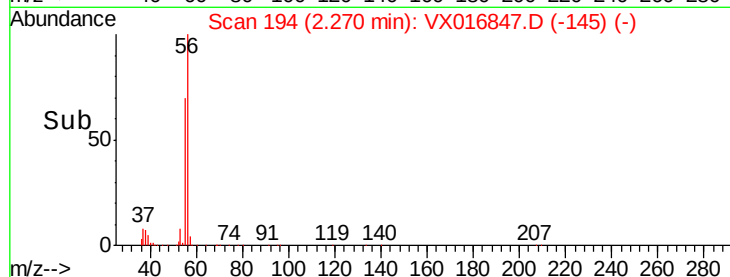
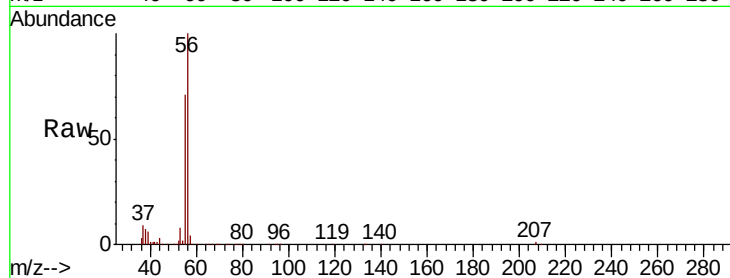




#13
Acrolein
Concen: 235.590 ug/l
RT: 2.27 min Scan# 194
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

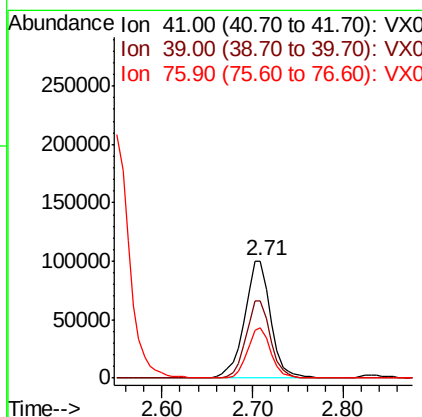
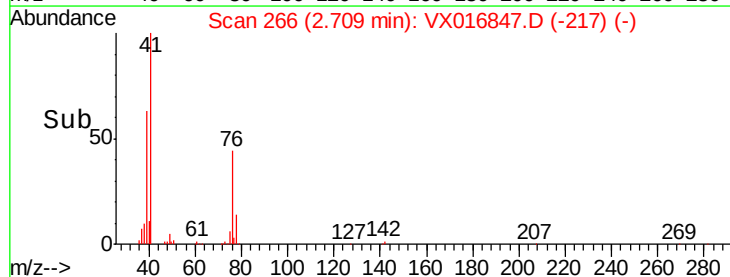
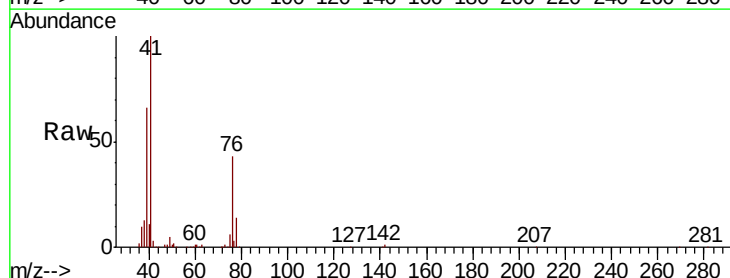
Instrument :
MSVOA_X
ClientSampleId :

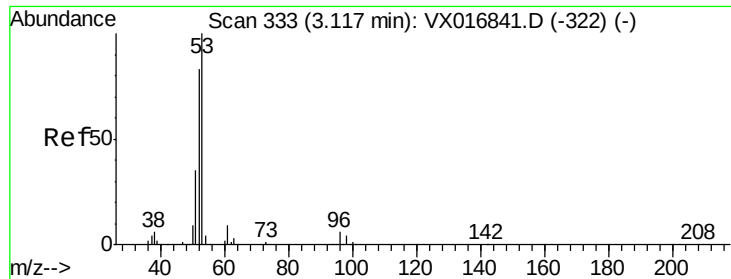
Tot Ion: 56 Resp: 81911
Ion Ratio Lower Upper
56 100
55 69.4 55.7 83.5



#14
Allyl chloride
Concen: 50.313 ug/l
RT: 2.71 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Tgt Ion: 41 Resp: 200594
Ion Ratio Lower Upper
41 100
39 61.4 50.7 76.1
76 37.9 30.9 46.3





#15

Acrylonitrile

Concen: 258.215 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

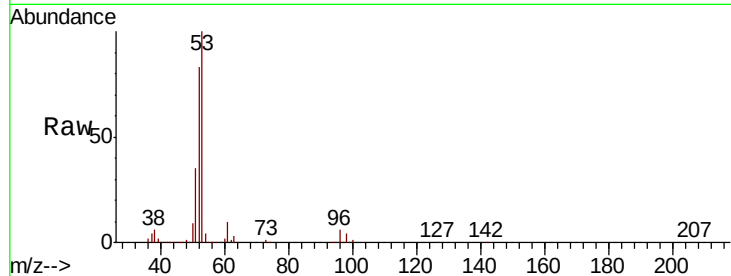
Tot Ion: 53 Resp: 339328

Ion Ratio Lower Upper

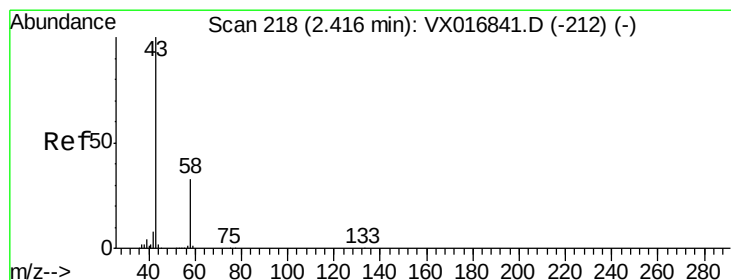
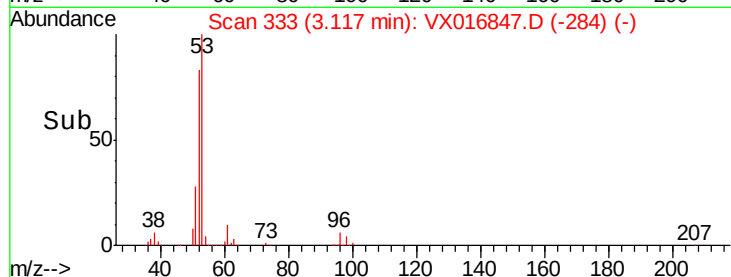
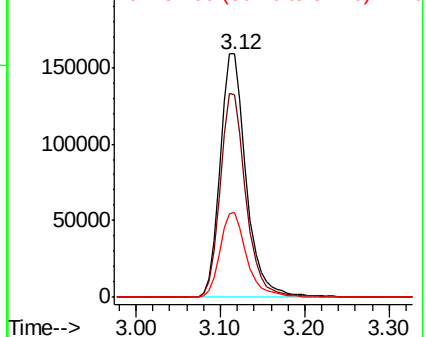
53 100

52 82.3 66.2 99.2

51 35.5 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: 252.845 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016847.D

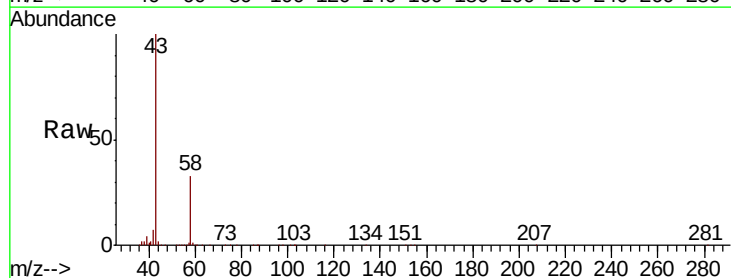
Acq: 18 Jun 2020 18:37

Tgt Ion: 43 Resp: 268452

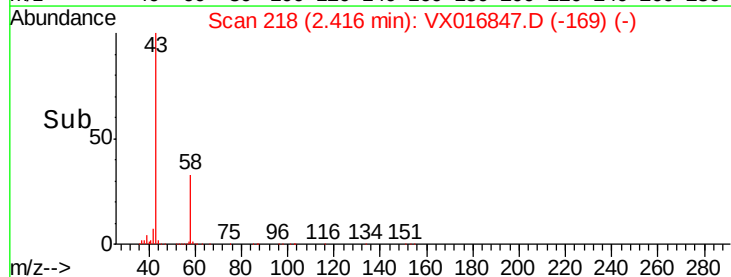
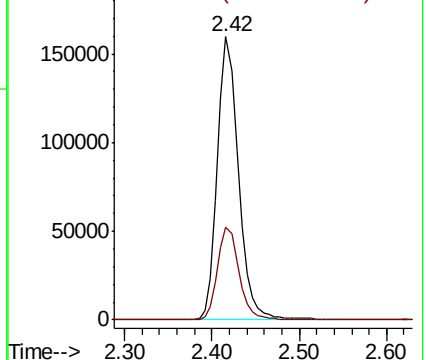
Ion Ratio Lower Upper

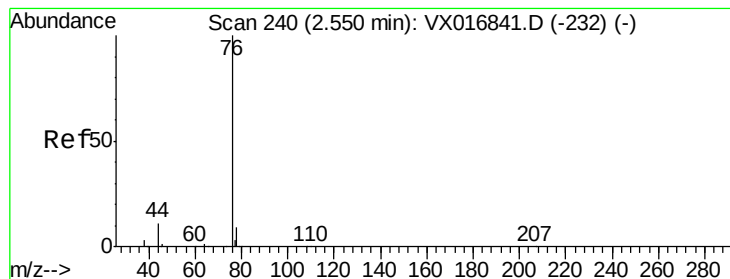
43 100

58 32.8 26.6 39.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 46.632 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

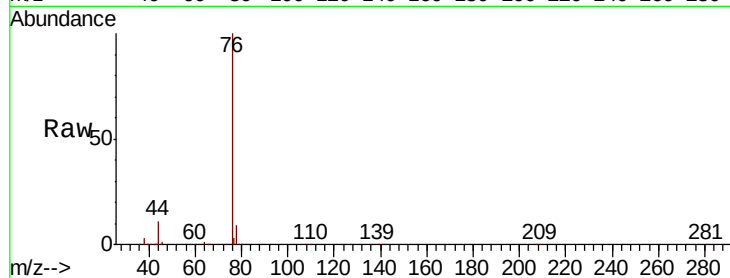
ClientSampleId :

Tot Ion: 76 Resp: 363239

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

200000

150000

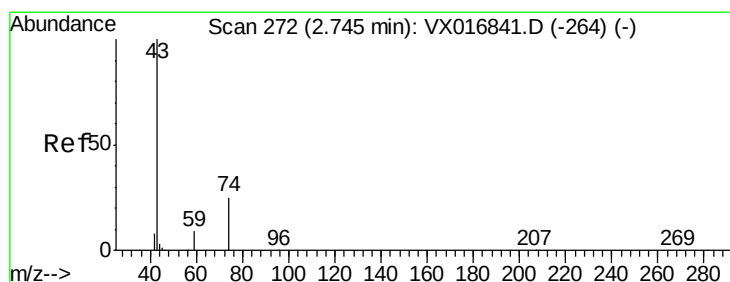
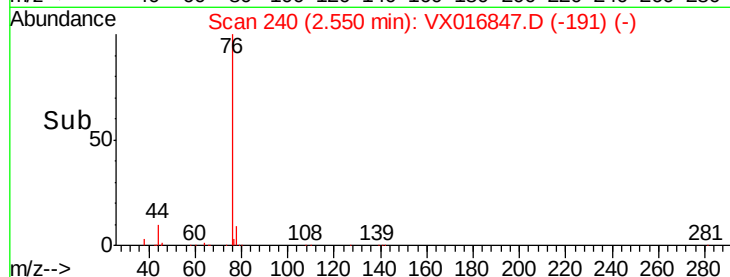
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 52.840 ug/l

RT: 2.75 min Scan# 272

Delta R.T. 0.00 min

Lab File: VX016847.D

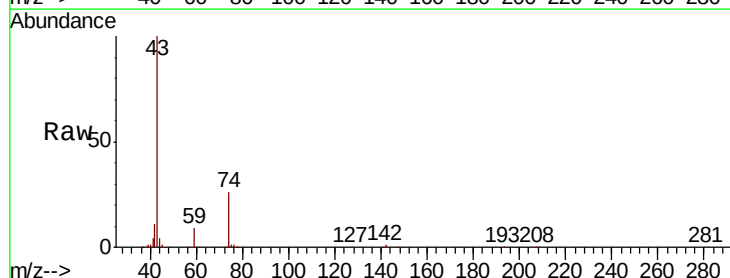
Acq: 18 Jun 2020 18:37

Tgt Ion: 43 Resp: 165462

Ion Ratio Lower Upper

43 100

74 27.2 21.8 32.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

100000

80000

60000

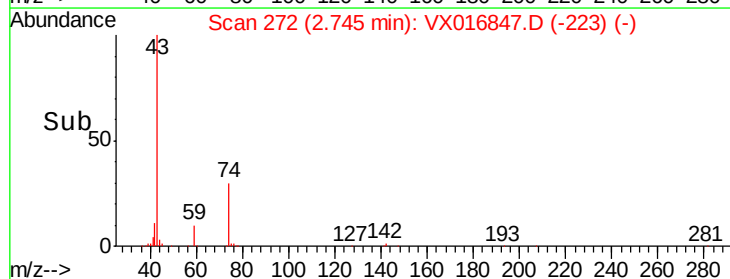
40000

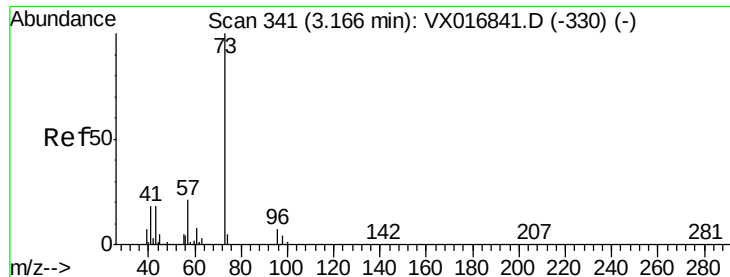
20000

0

2.60 2.70 2.80

Time-->

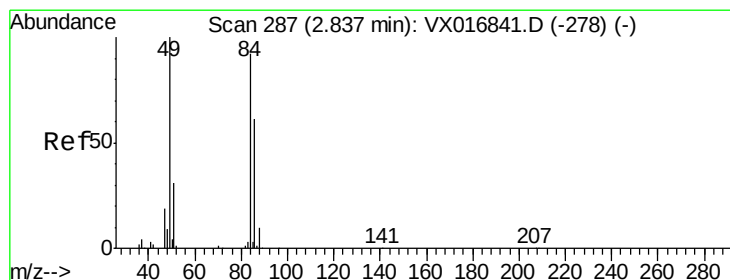
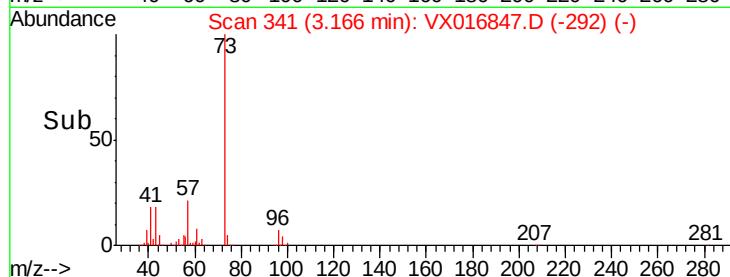
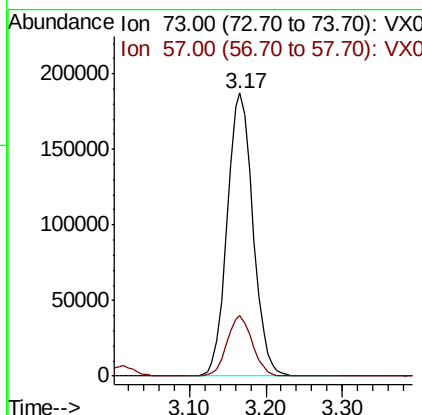
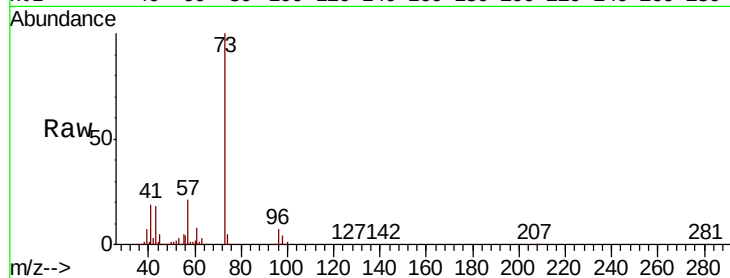




#19
Methyl tert-butyl Ether
Concen: 50.806 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

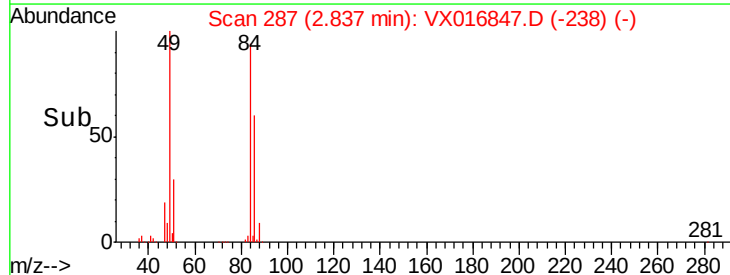
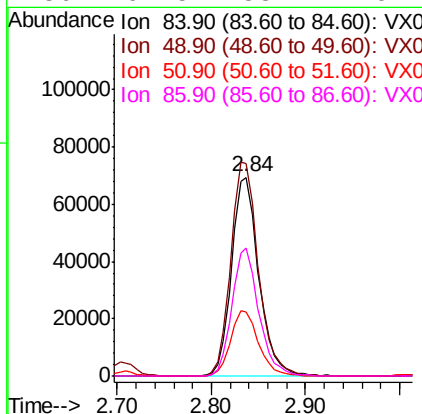
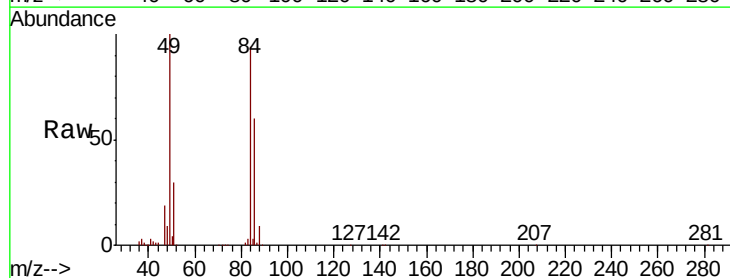
Instrument :
MSVOA_X
ClientSampleId :

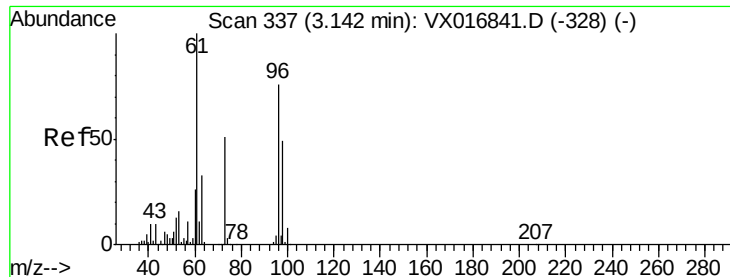
Tot Ion: 73 Resp: 436417
Ion Ratio Lower Upper
73 100
57 21.3 16.9 25.3



#20
Methylene Chloride
Concen: 47.496 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Tgt Ion: 84 Resp: 140259
Ion Ratio Lower Upper
84 100
49 106.8 86.6 129.8
51 32.3 27.1 40.7
86 64.5 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 48.294 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

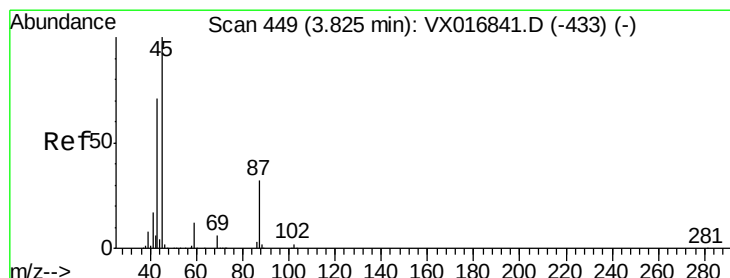
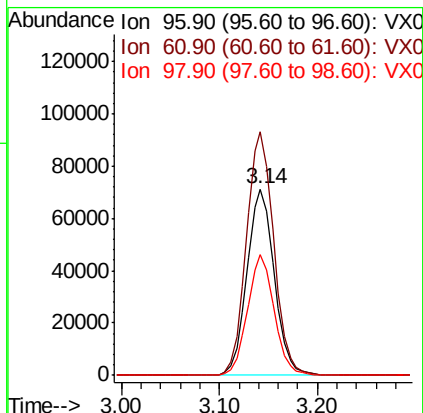
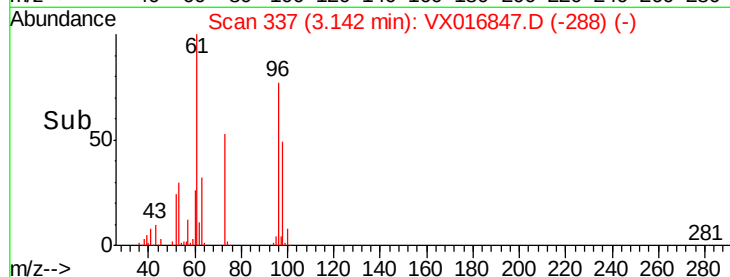
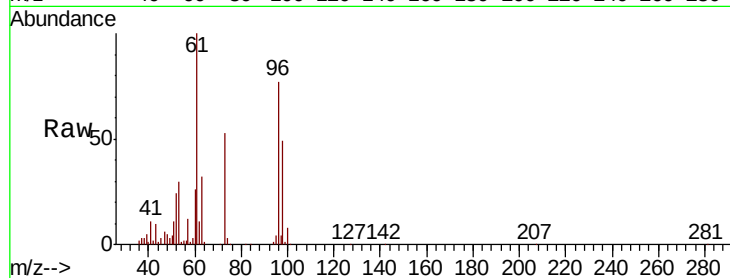
Tot Ion: 96 Resp: 137406

Ion Ratio Lower Upper

96 100

61 130.6 105.4 158.0

98 64.6 51.3 76.9



#22

Diisopropyl ether

Concen: 50.533 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Tgt Ion: 45 Resp: 386010

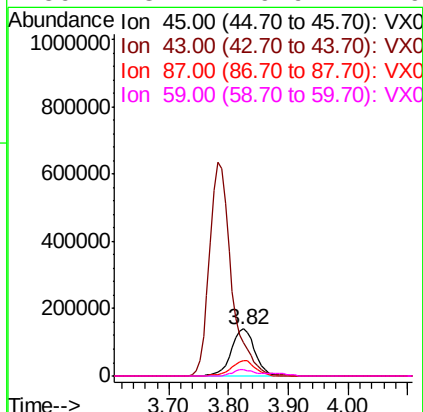
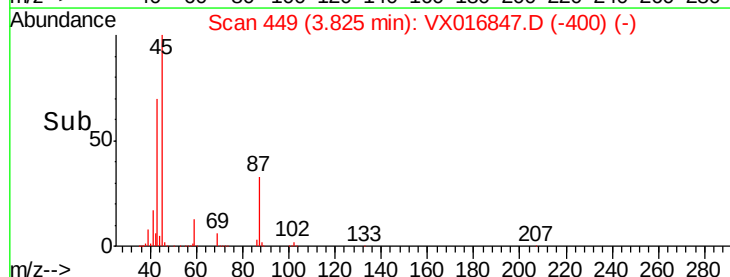
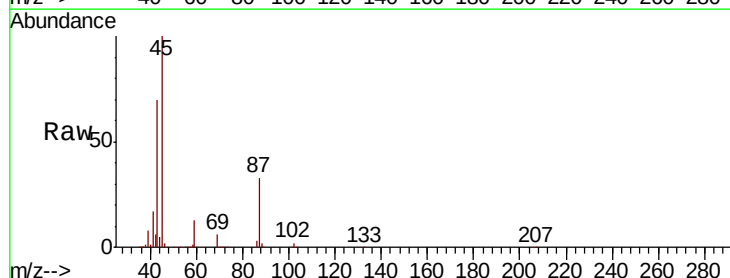
Ion Ratio Lower Upper

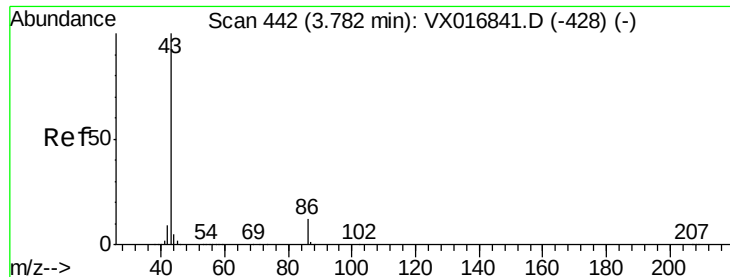
45 100

43 69.9 57.0 85.4

87 32.8 25.2 37.8

59 13.1 9.9 14.9





#23

Vinyl Acetate

Concen: 257.948 ug/l

RT: 3.78 min Scan# 442

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

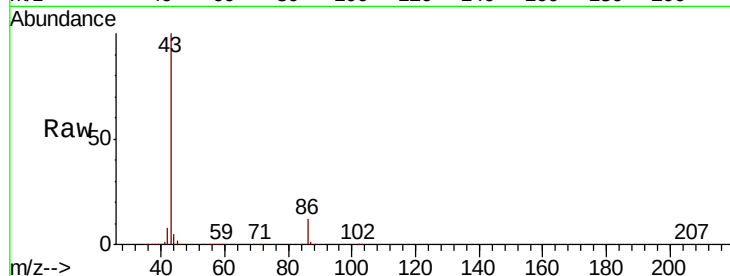
ClientSampleId :

Tot Ion: 43 Resp: 1624779

Ion Ratio Lower Upper

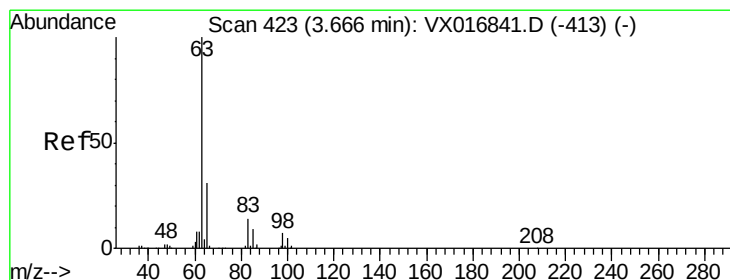
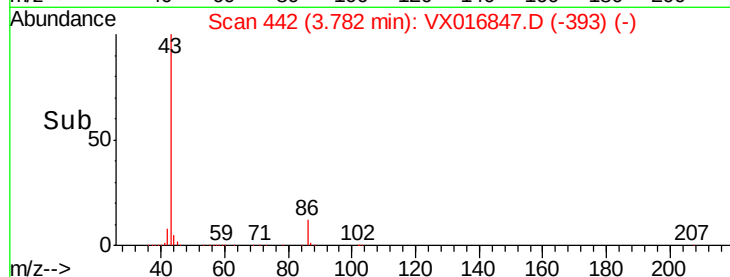
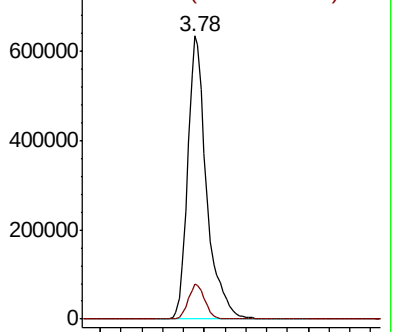
43 100

86 12.4 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.453 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

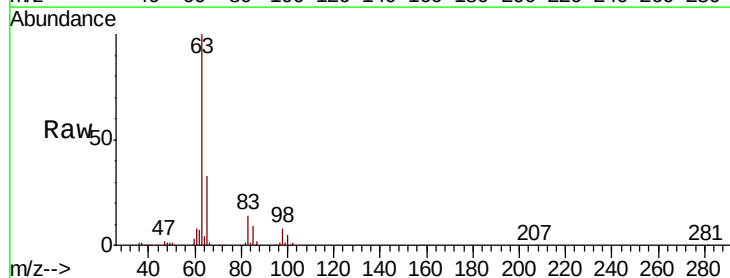
Tgt Ion: 63 Resp: 235969

Ion Ratio Lower Upper

63 100

98 8.0 3.6 10.9

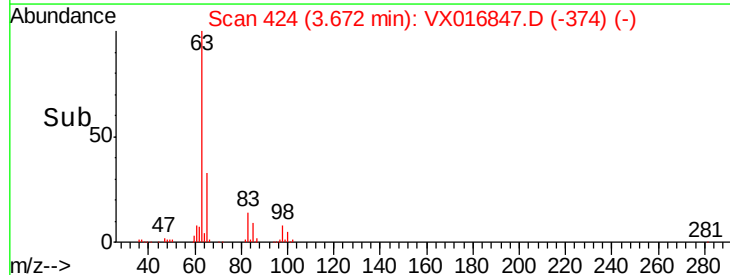
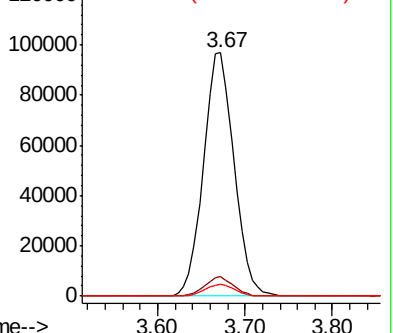
100 4.8 2.4 7.1

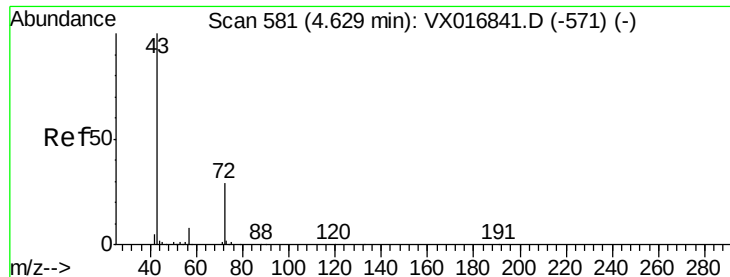


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 258.794 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

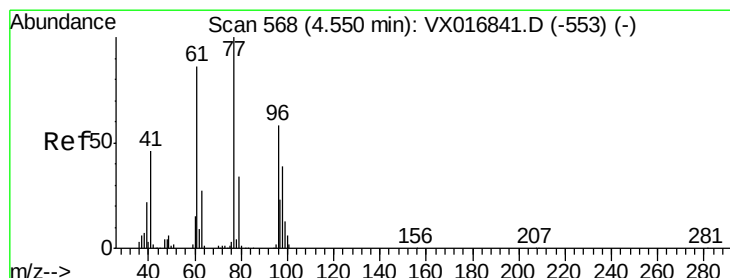
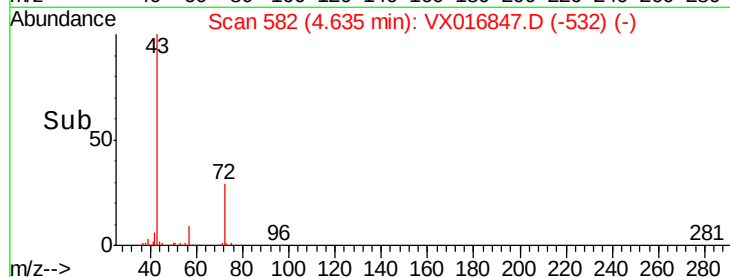
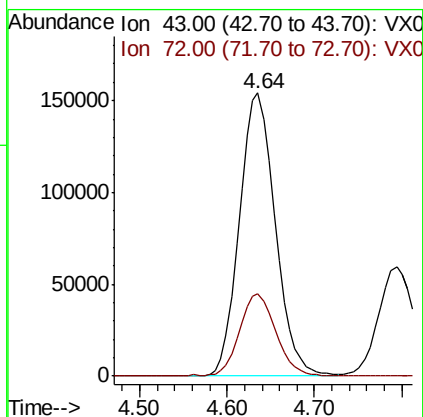
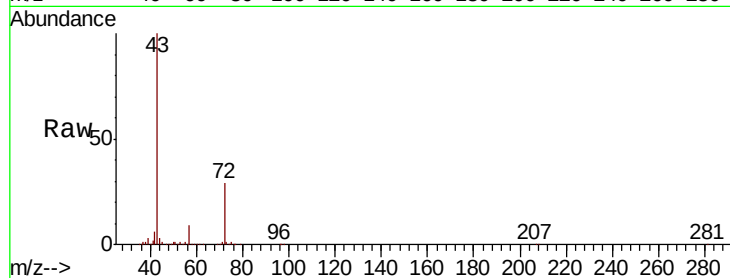
ClientSampleId :

Tot Ion: 43 Resp: 438595

Ion Ratio Lower Upper

43 100

72 29.1 23.5 35.3



#26

2,2-Dichloropropane

Concen: 47.933 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016847.D

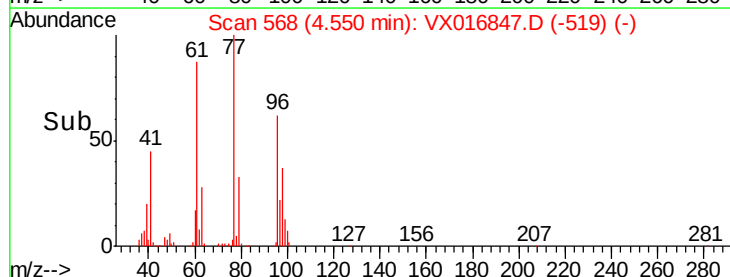
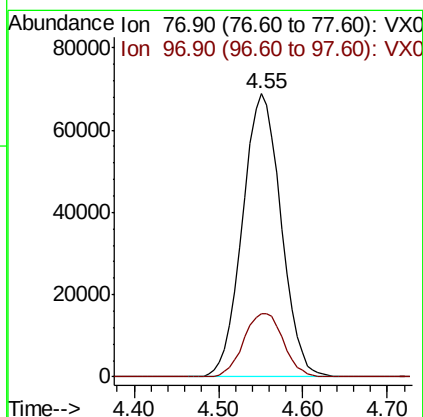
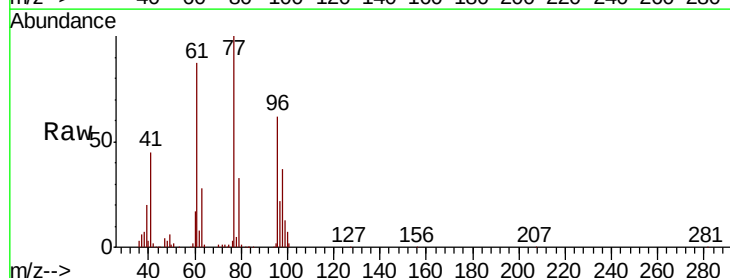
Acq: 18 Jun 2020 18:37

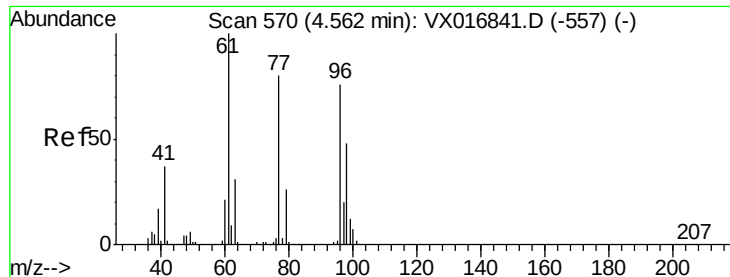
Tgt Ion: 77 Resp: 214279

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.7



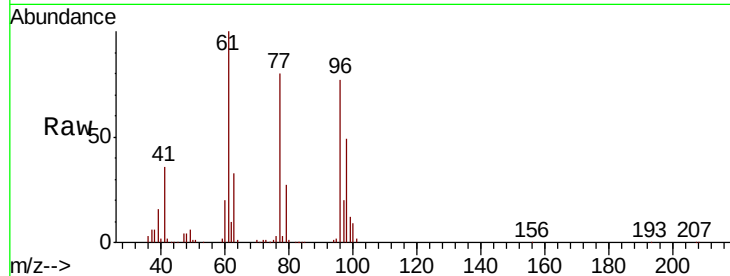


#27

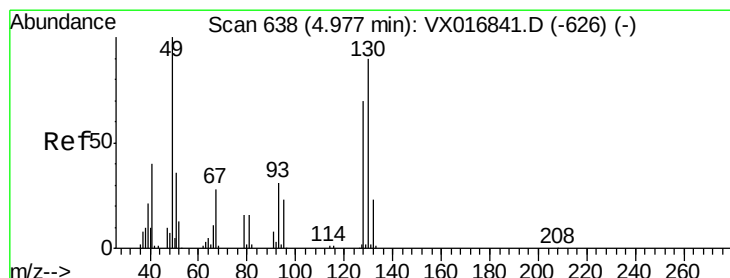
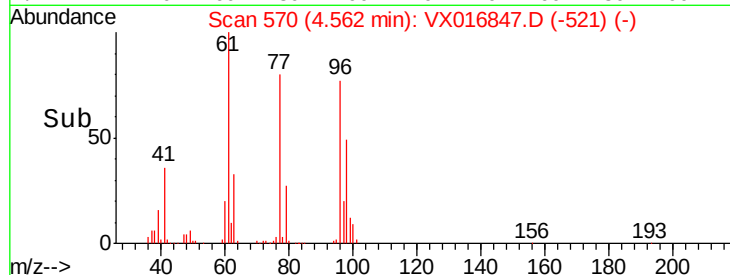
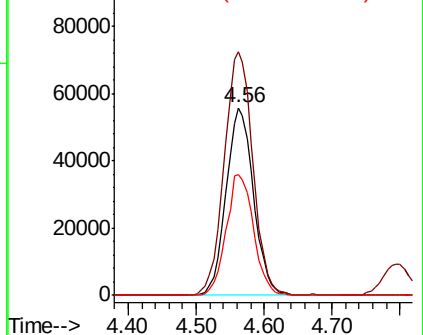
cis-1,2-Dichloroethene
 Concen: 48.683 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. 0.00 min
 Lab File: VX016847.D
 Acq: 18 Jun 2020 18:37

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.3	0.0	273.8
98	64.5	0.0	129.0



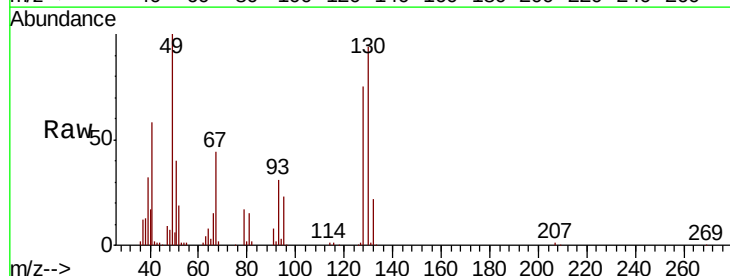
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



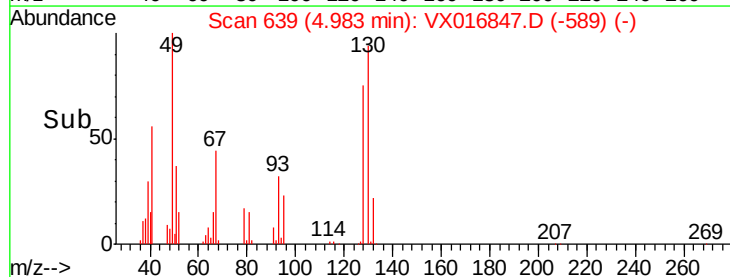
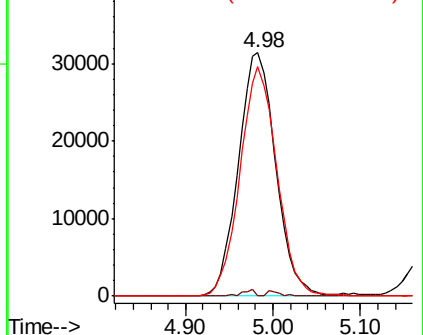
#28

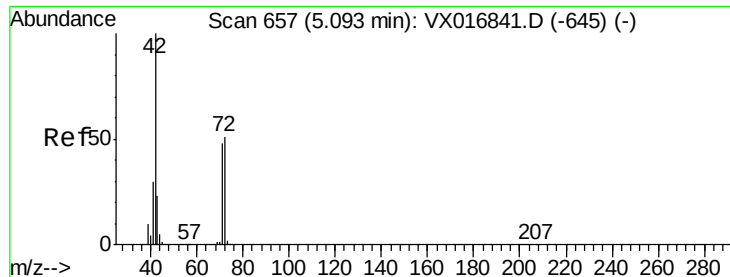
Bromochloromethane
 Concen: 47.182 ug/l
 RT: 4.98 min Scan# 639
 Delta R.T. 0.01 min
 Lab File: VX016847.D
 Acq: 18 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	5.0
130	92.4	76.8	115.2



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 266.300 ug/l

RT: 5.09 min Scan# 656

Delta R.T. -0.01 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

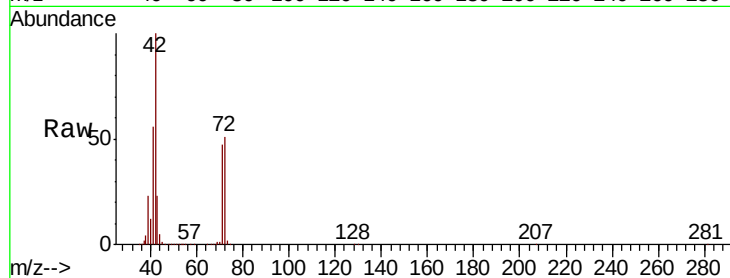
Tot Ion: 42 Resp: 284238

Ion Ratio Lower Upper

42 100

72 51.2 41.1 61.7

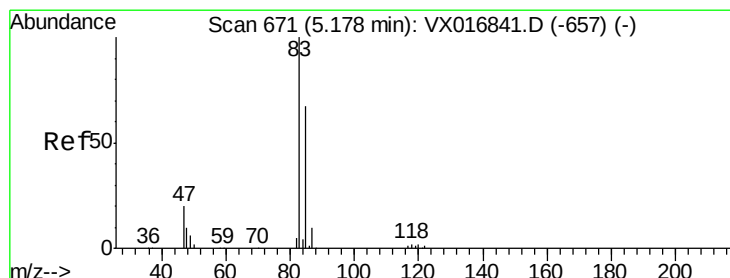
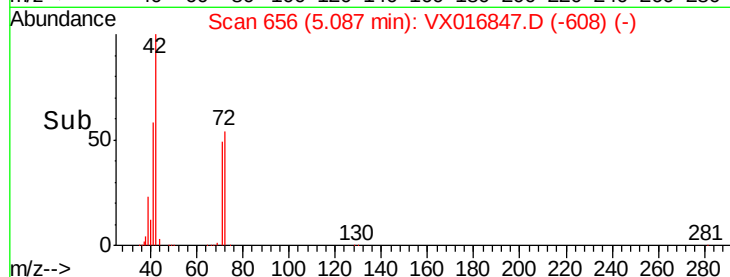
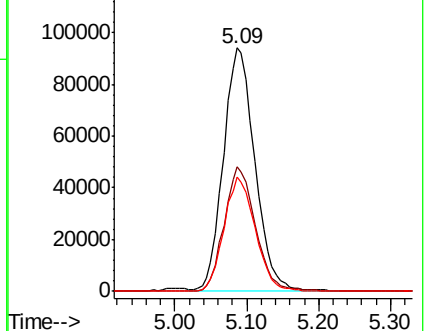
71 47.1 38.4 57.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.657 ug/l

RT: 5.18 min Scan# 671

Delta R.T. 0.00 min

Lab File: VX016847.D

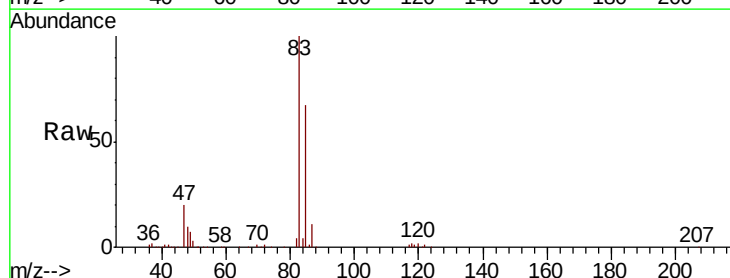
Acq: 18 Jun 2020 18:37

Tgt Ion: 83 Resp: 245106

Ion Ratio Lower Upper

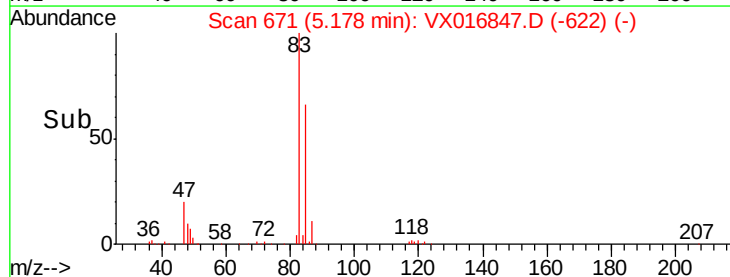
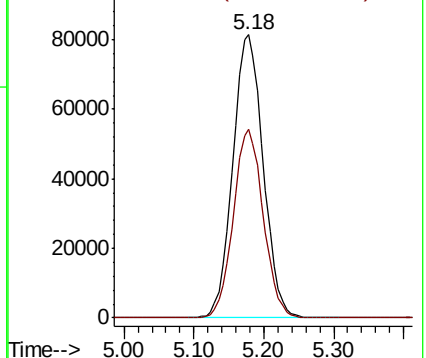
83 100

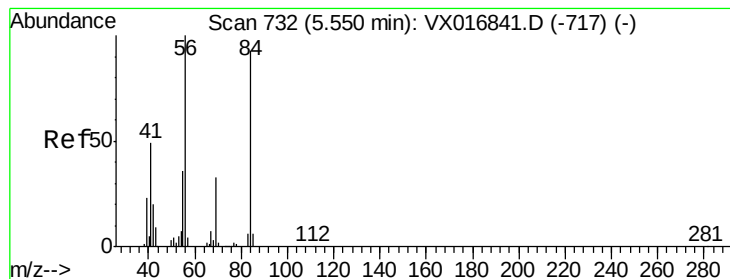
85 66.7 53.4 80.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 55.275 ug/l

RT: 5.54 min Scan# 731

Delta R.T. -0.01 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

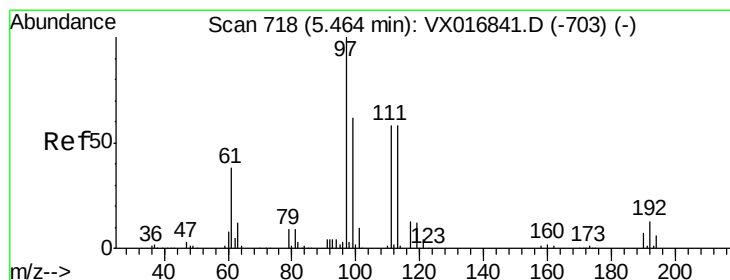
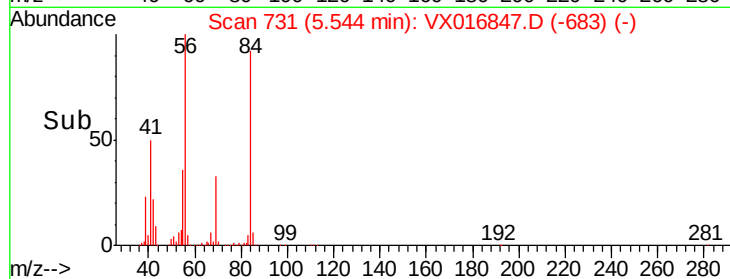
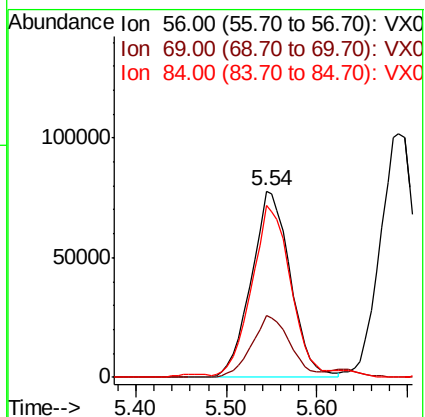
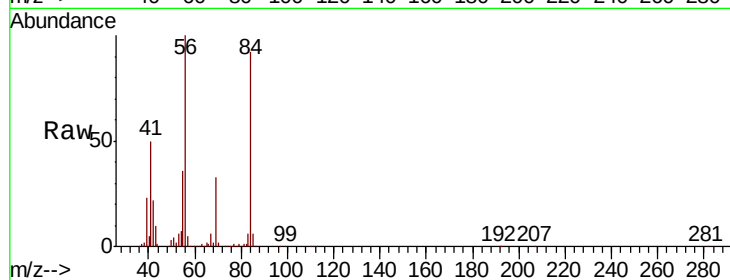
Tot Ion: 56 Resp: 231876

Ion Ratio Lower Upper

56 100

69 33.0 26.1 39.1

84 90.5 73.0 109.6



#32

1,1,1-Trichloroethane

Concen: 48.986 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

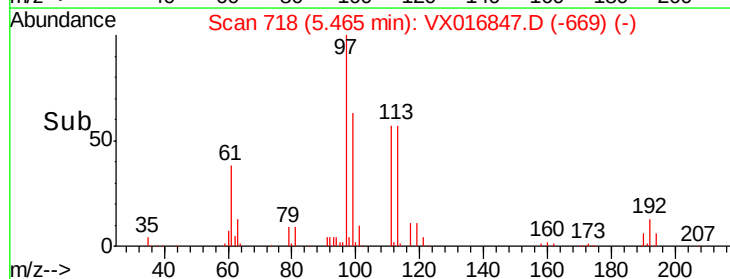
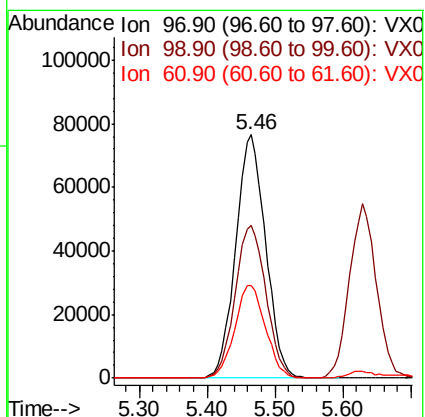
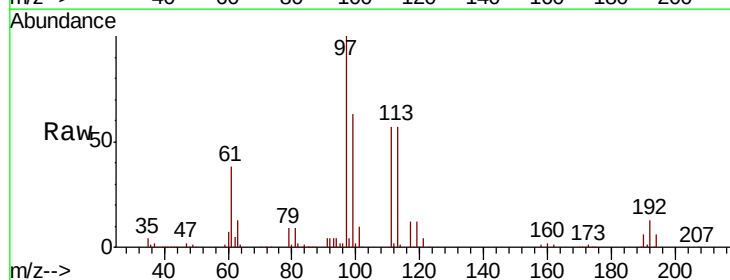
Tgt Ion: 97 Resp: 233556

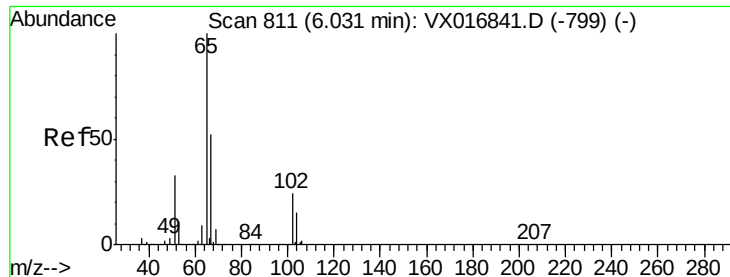
Ion Ratio Lower Upper

97 100

99 64.5 51.3 76.9

61 39.1 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 51.777 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

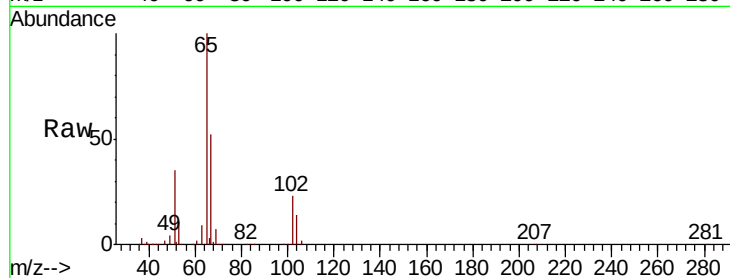
ClientSampleId :

Tot Ion: 65 Resp: 175637

Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

80000

60000

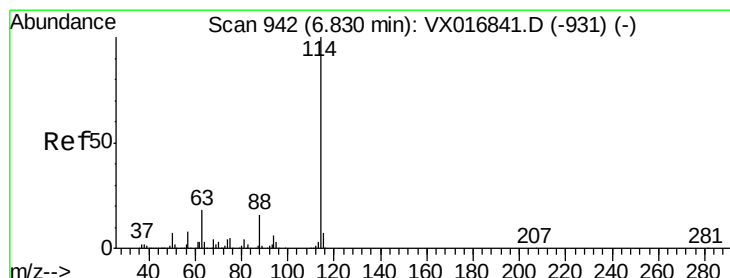
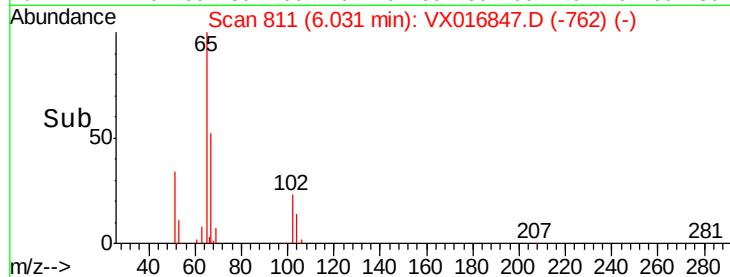
40000

20000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

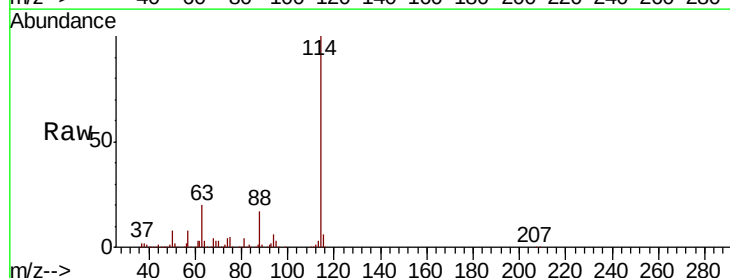
Tgt Ion: 114 Resp: 455222

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.0

88 16.7 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

250000

200000

150000

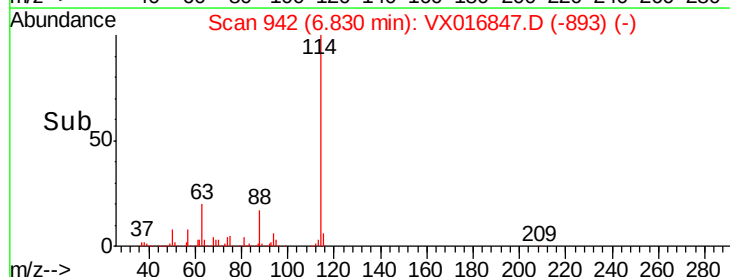
100000

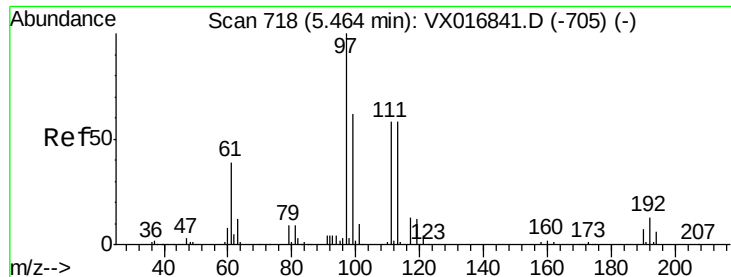
50000

0

Time-->

6.70 6.80 6.90 7.00

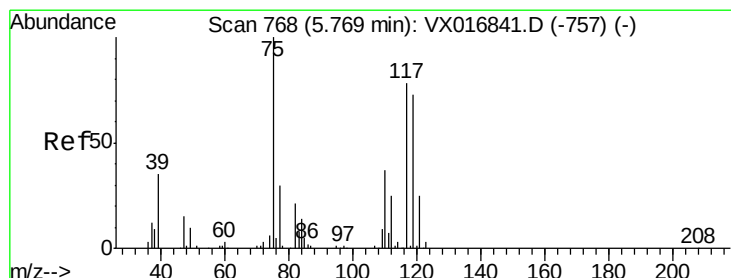
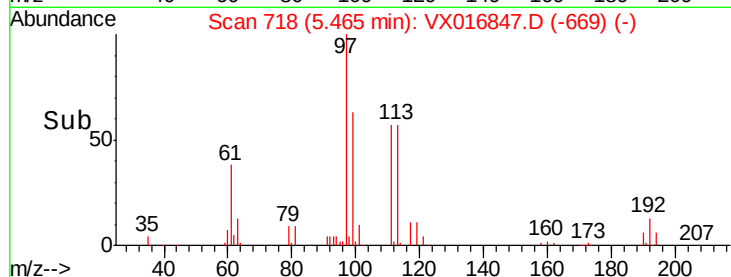
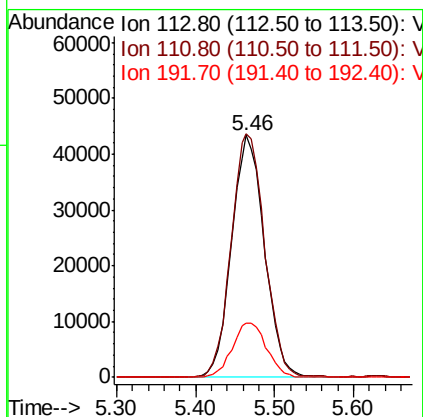
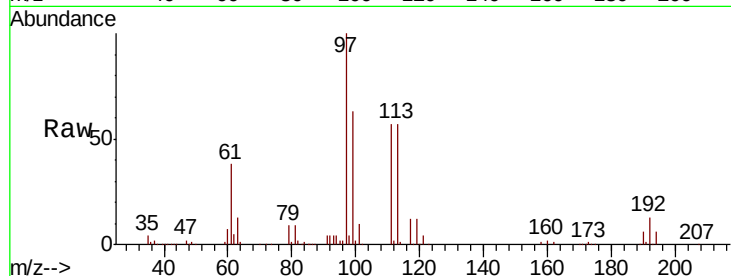




#35
 Dibromofluoromethane
 Concen: 43.040 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016847.D
 Acq: 18 Jun 2020 18:37

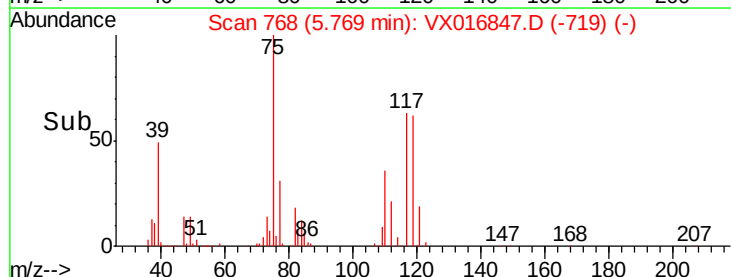
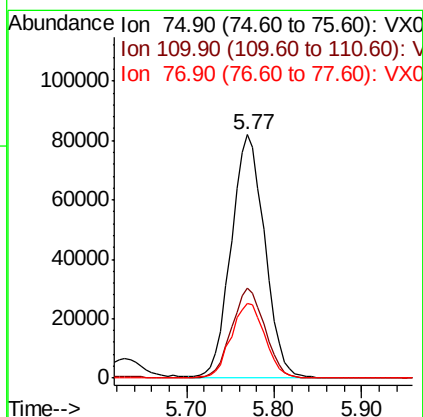
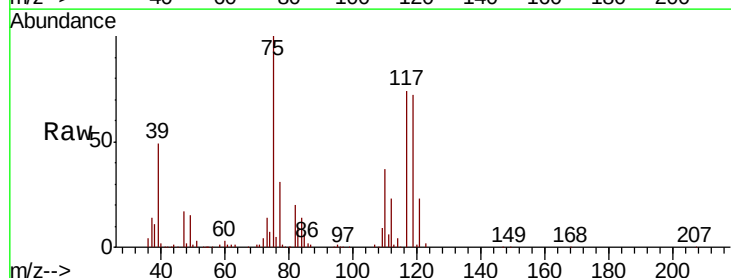
Instrument :
 MSVOA_X
 ClientSampled :

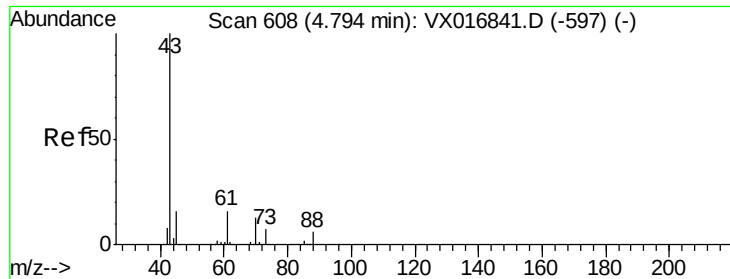
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.0	121.4
192	23.6	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 51.793 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016847.D
 Acq: 18 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.9	56.9
77	31.2	25.6	38.4

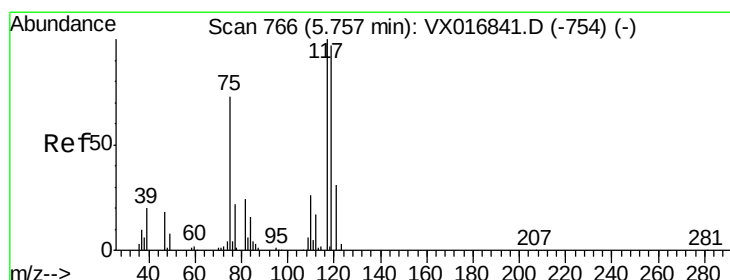
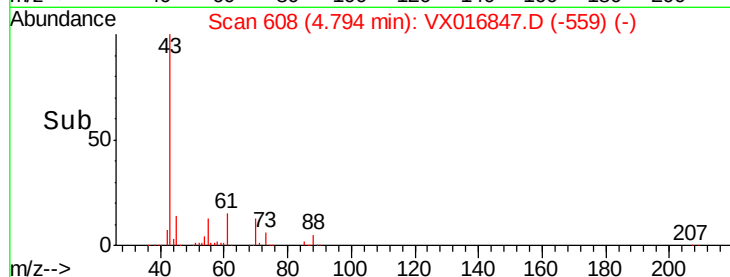
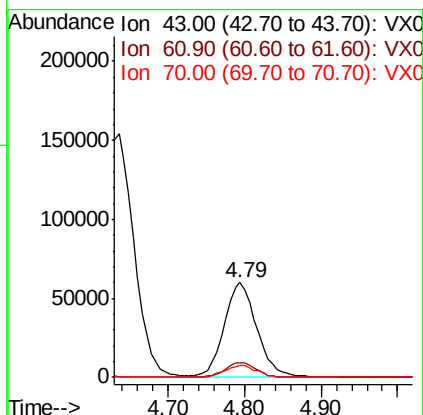
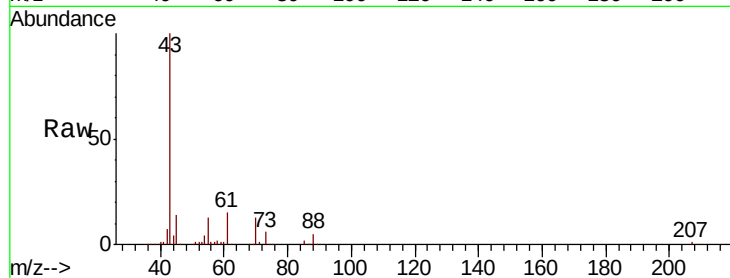




#37
Ethyl Acetate
Concen: 47.200 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

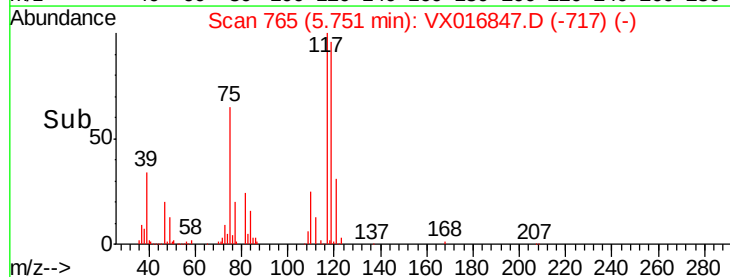
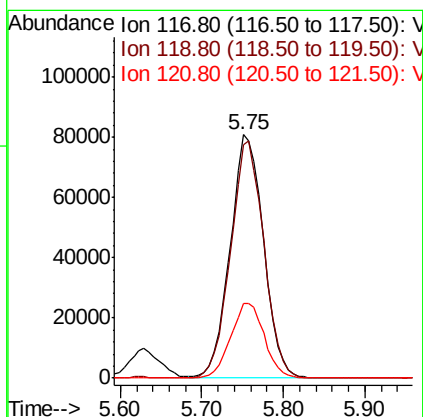
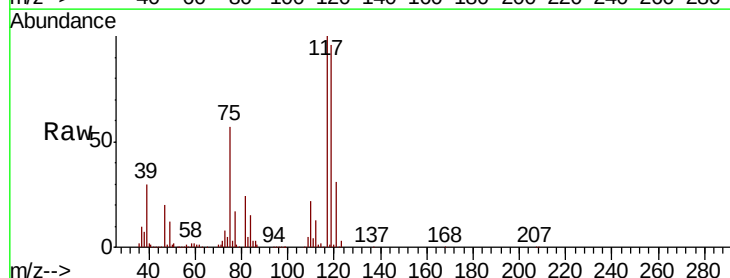
Instrument :
MSVOA_X
ClientSampleId :

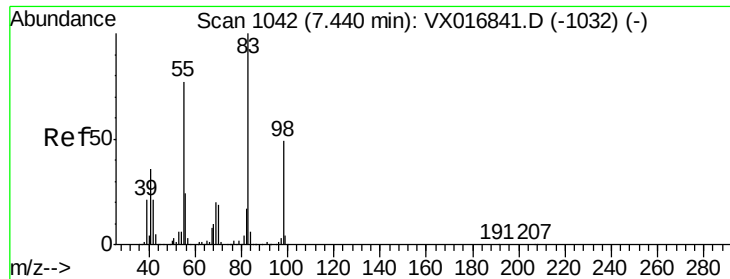
Tot Ion: 43 Resp: 175290
Ion Ratio Lower Upper
43 100
61 15.6 12.2 18.2
70 12.7 10.5 15.7



#38
Carbon Tetrachloride
Concen: 48.477 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Tgt Ion: 117 Resp: 228629
Ion Ratio Lower Upper
117 100
119 95.7 77.4 116.2
121 30.8 24.7 37.1

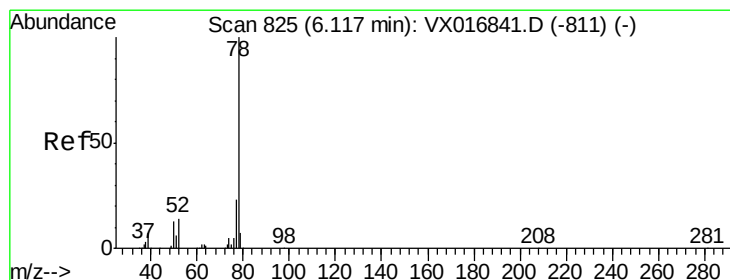
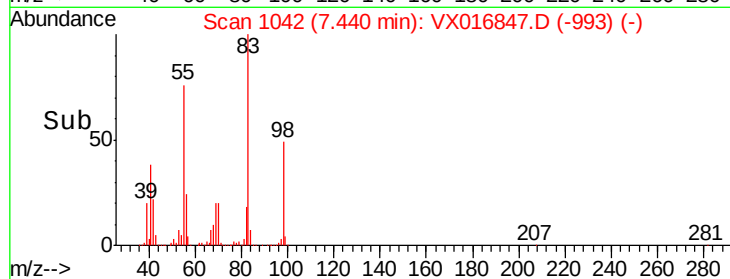
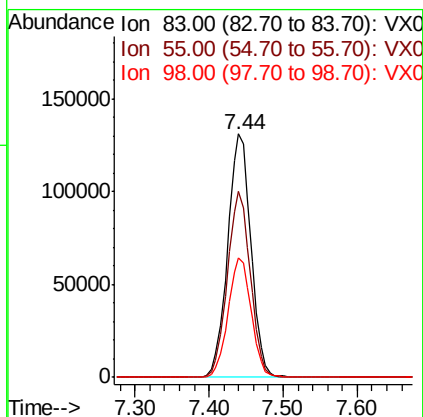
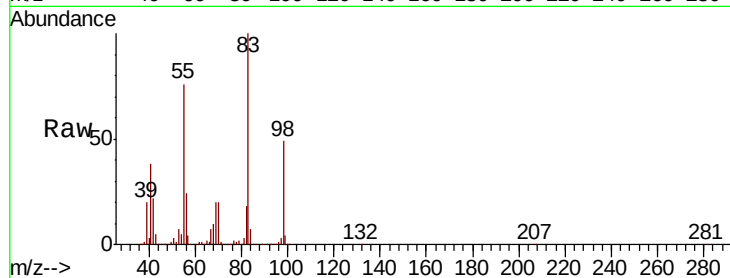




#39
Methylvlcyclohexane
Concen: 58.477 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

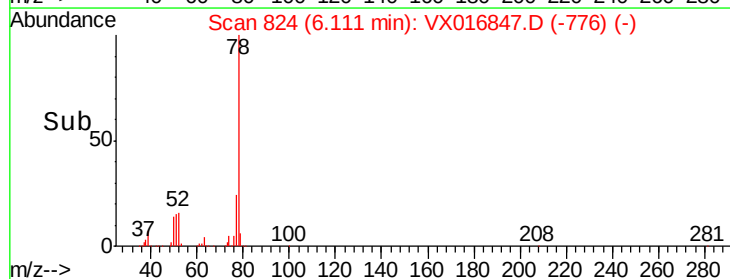
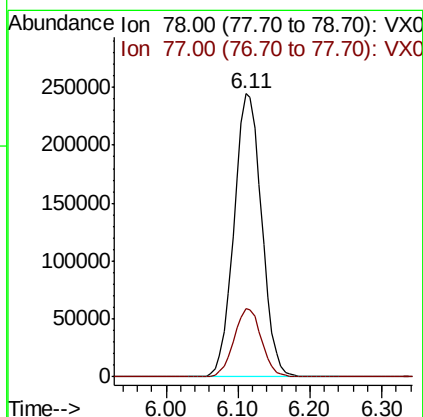
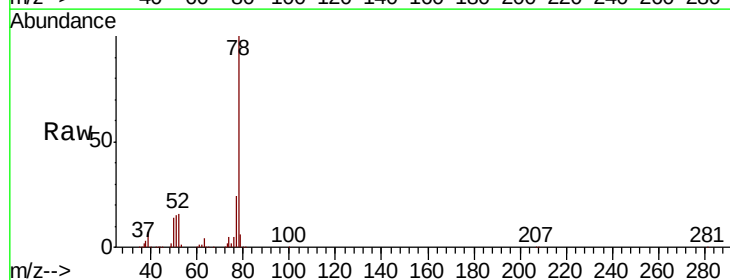
Instrument :
MSVOA_X
ClientSampleId :

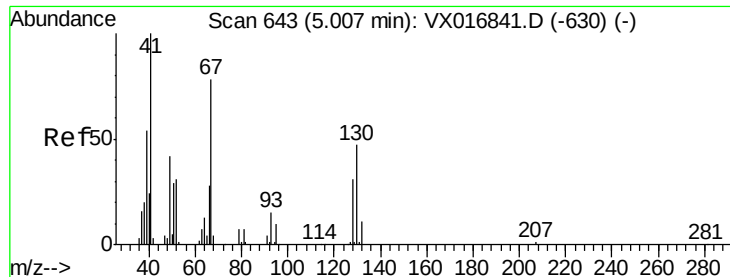
Tot Ion: 83 Resp: 285789
Ion Ratio Lower Upper
83 100
55 76.2 61.7 92.5
98 48.9 39.0 58.6



#40
Benzene
Concen: 51.671 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Tgt Ion: 78 Resp: 651671
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8

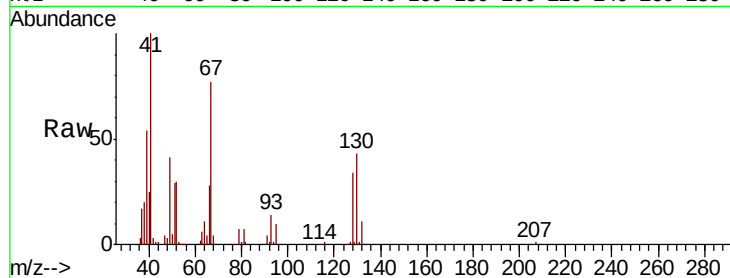




#41
Methacrylonitrile
Concen: 47.814 ug/l
RT: 5.01 min Scan# 643
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	96401
Ion	Ratio	Lower	Upper
41	100		
39	53.5	42.6	64.0
67	80.2	64.2	96.2
52	30.1	25.6	38.4



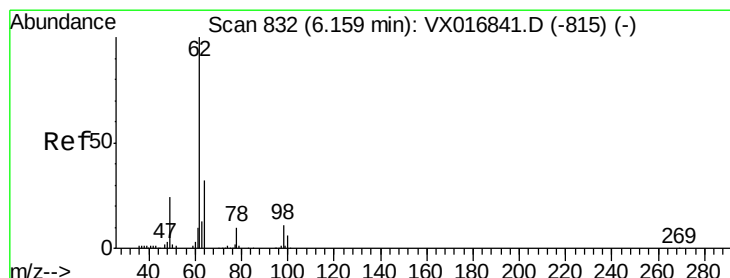
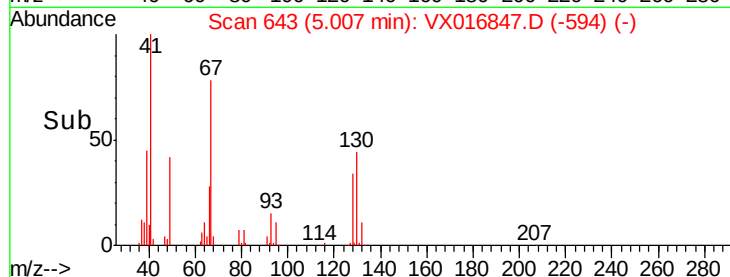
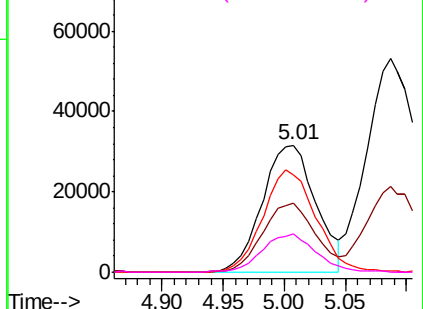
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

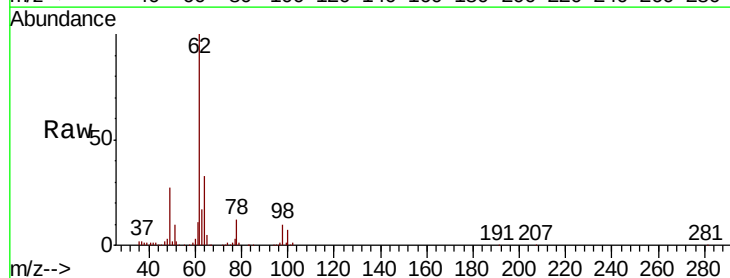
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 47.409 ug/l
RT: 6.16 min Scan# 832
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

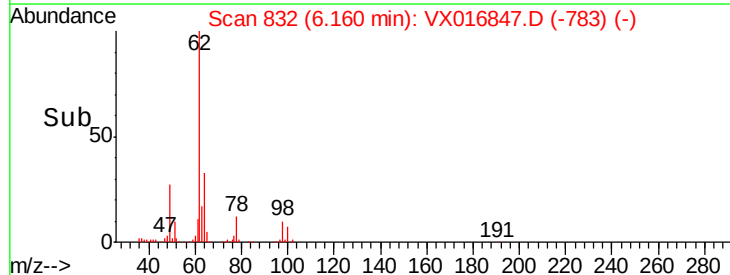
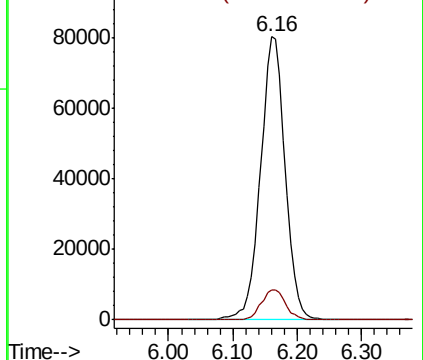
Tgt Ion:	62	Resp:	212769
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.8

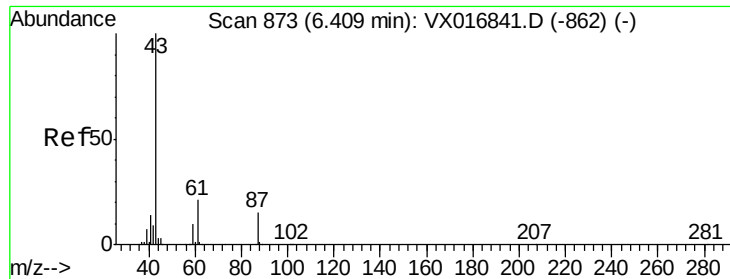


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.443 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

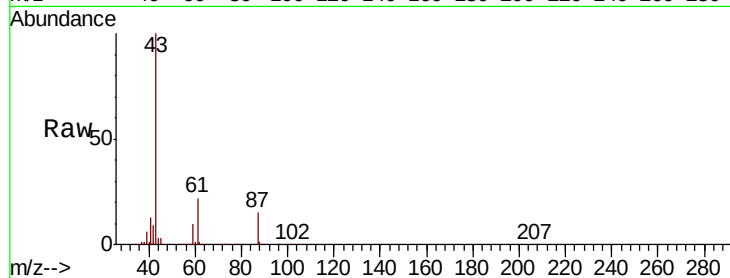
Tot Ion: 43 Resp: 333624

Ion Ratio Lower Upper

43 100

61 22.6 17.9 26.9

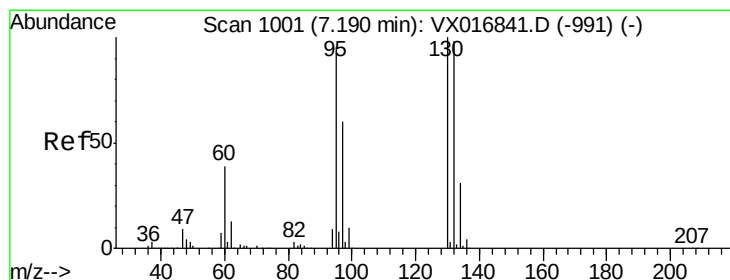
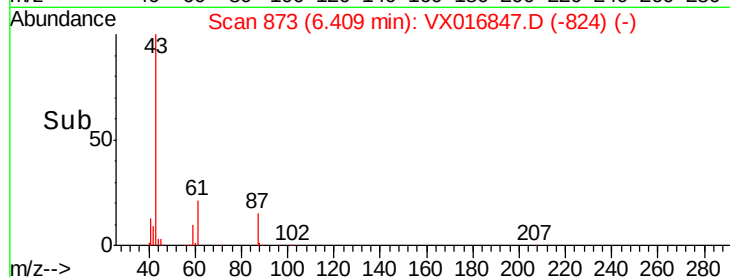
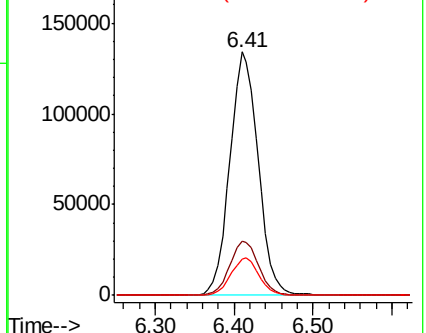
87 15.3 12.4 18.6



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: 52.464 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016847.D

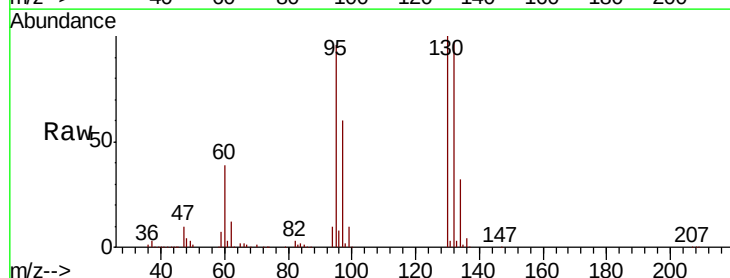
Acq: 18 Jun 2020 18:37

Tgt Ion:130 Resp: 202643

Ion Ratio Lower Upper

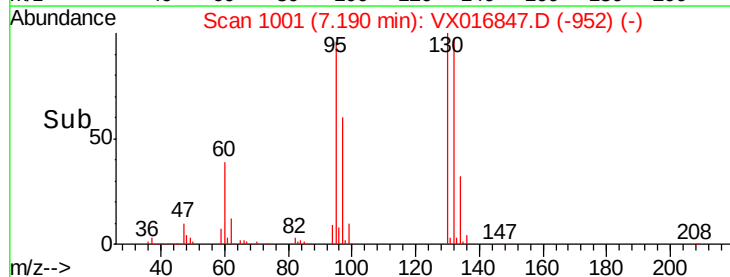
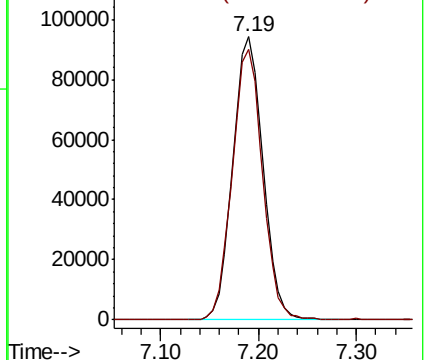
130 100

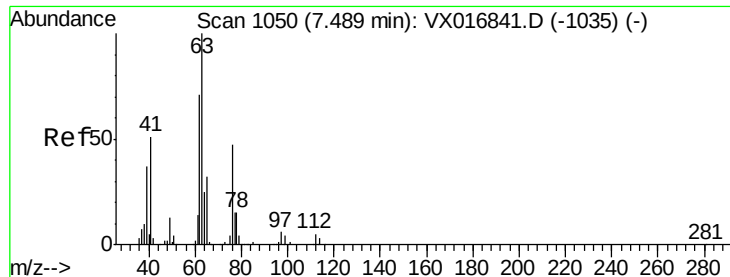
95 95.6 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 55.787 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

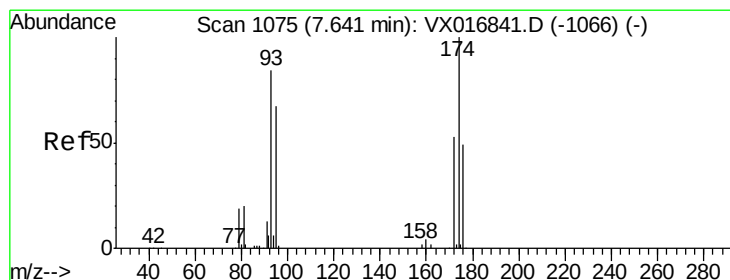
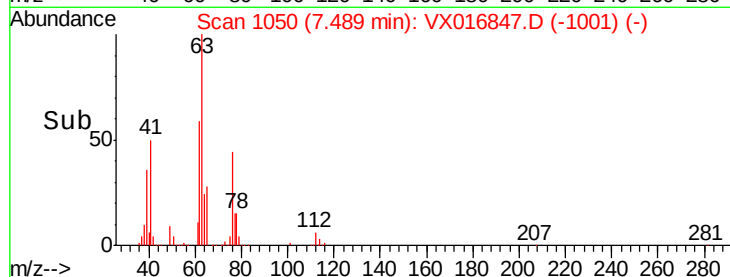
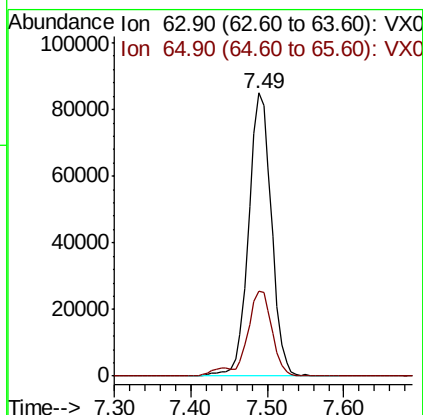
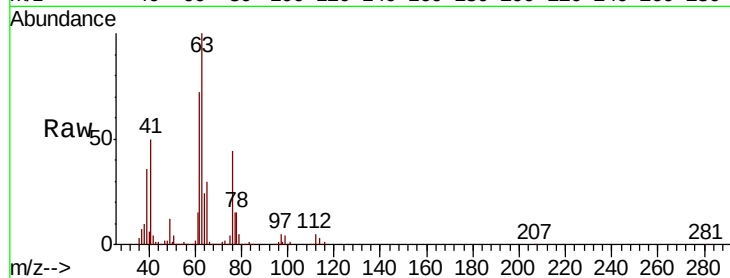
ClientSampleId :

Tot Ion: 63 Resp: 176875

Ion Ratio Lower Upper

63 100

65 30.1 25.8 38.8



#46

Dibromomethane

Concen: 53.349 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

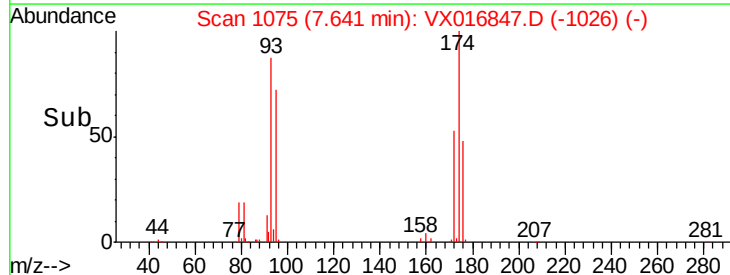
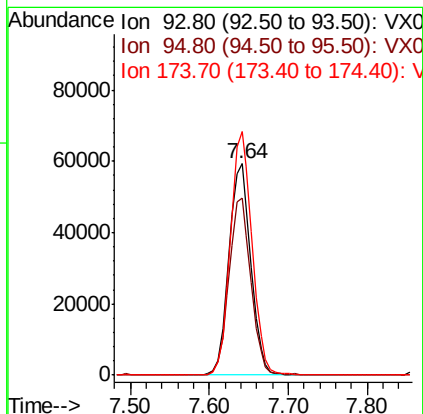
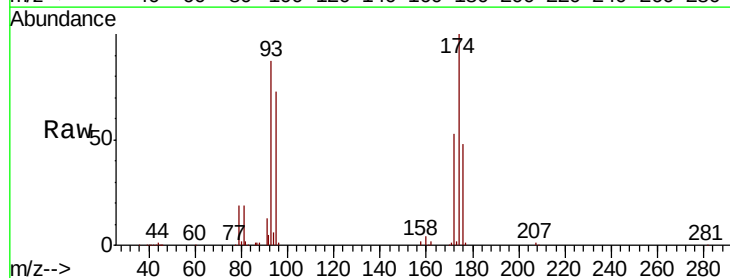
Tgt Ion: 93 Resp: 114707

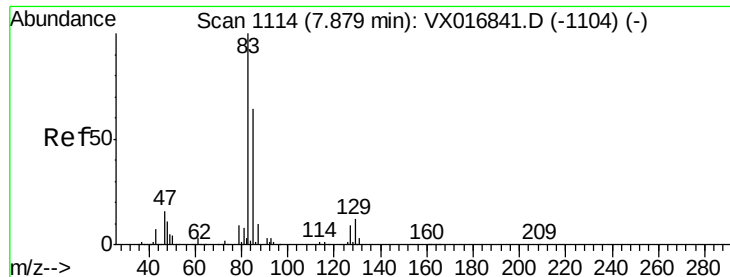
Ion Ratio Lower Upper

93 100

95 83.6 65.7 98.5

174 114.2 92.8 139.2





#47

Bromodichloromethane

Concen: 50.210 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

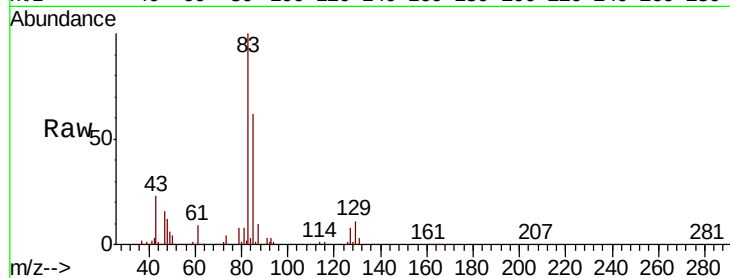
Tot Ion: 83 Resp: 229606

Ion Ratio Lower Upper

83 100

85 62.1 50.9 76.3

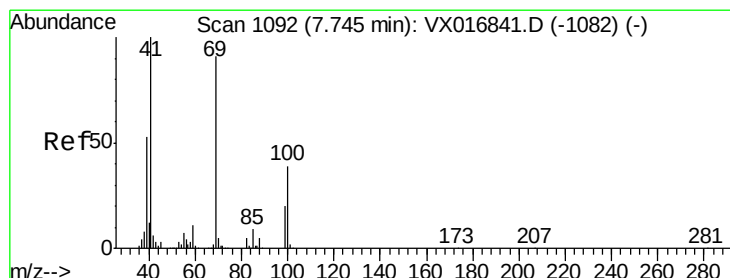
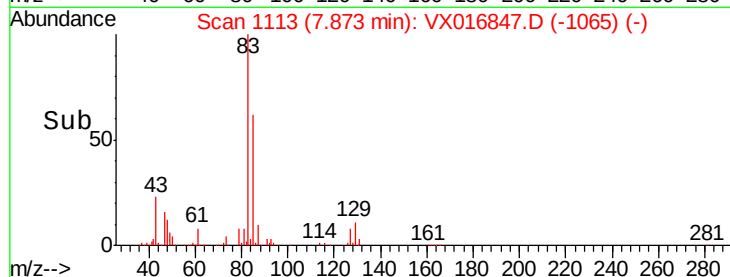
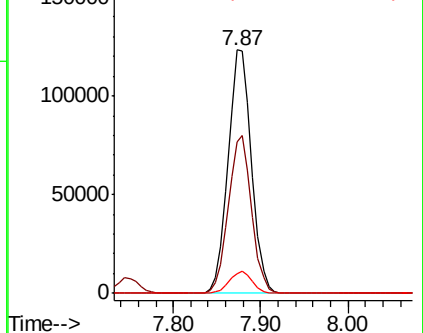
127 8.2 7.4 11.0



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: 58.222 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

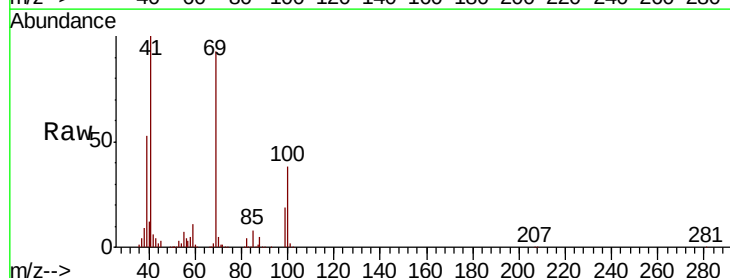
Tgt Ion: 41 Resp: 177801

Ion Ratio Lower Upper

41 100

69 90.9 73.3 109.9

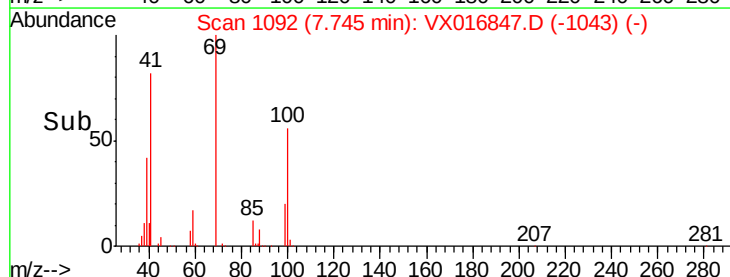
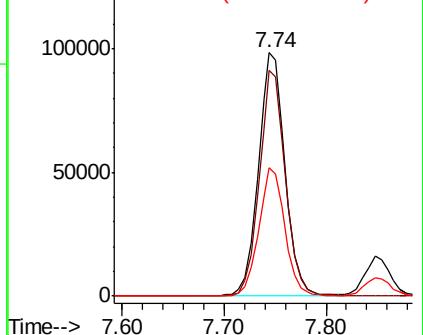
39 51.6 42.4 63.6

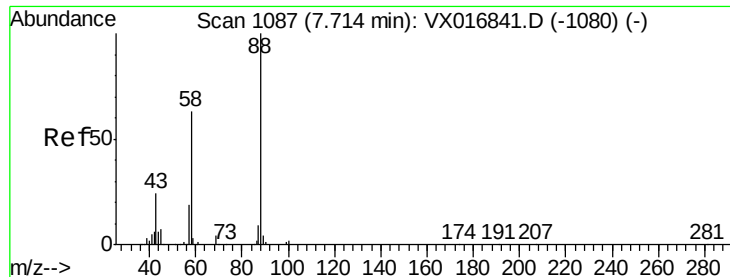


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

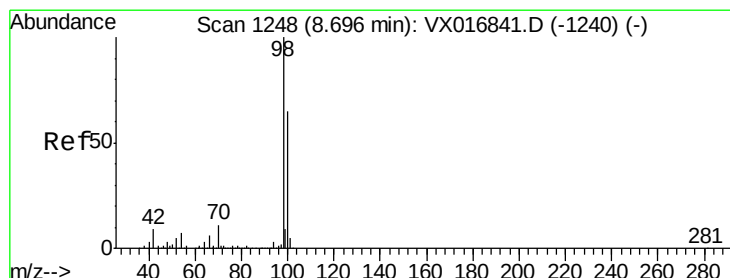
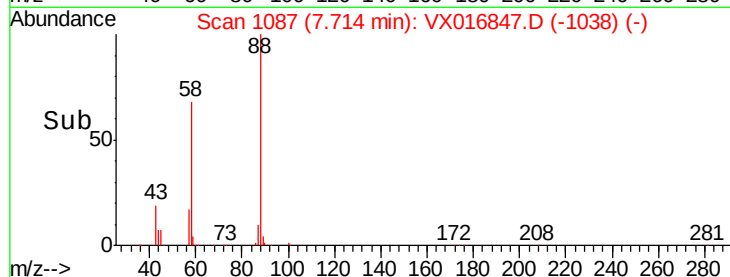
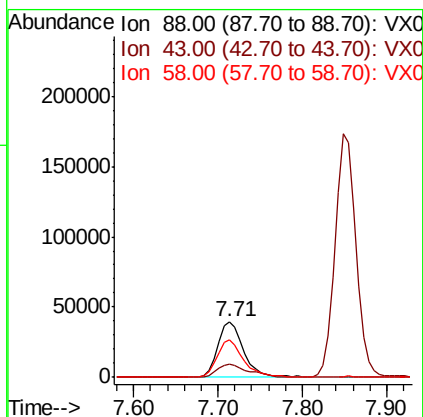
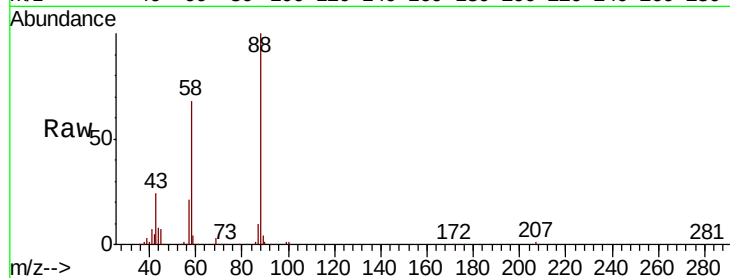




#49
1,4-Dioxane
Concen: 1233.717 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

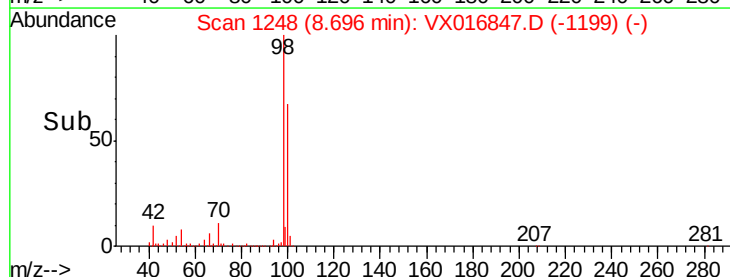
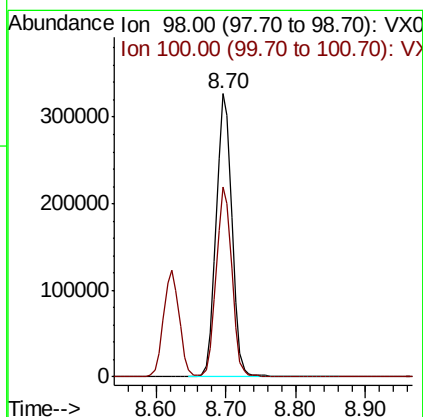
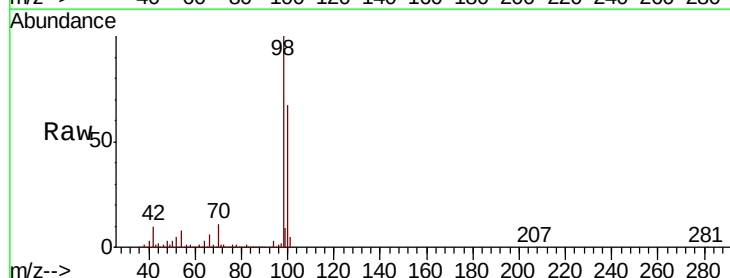
Instrument :
MSVOA_X
ClientSampleId :

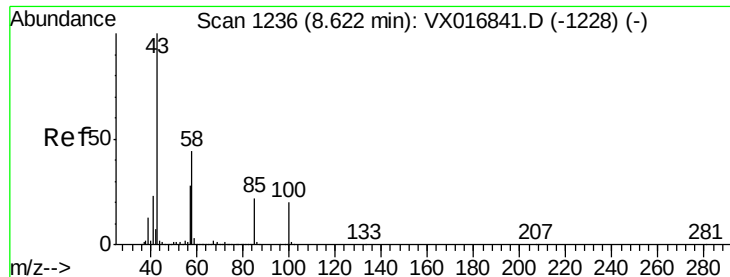
Tot Ion	88	Resp	84338
Ion	Ratio	Lower	Upper
88	100		
43	28.2	22.7	34.1
58	69.4	53.1	79.7



#50
Toluene-d8
Concen: 44.079 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Tgt Ion	98	Resp	513558
Ion	Ratio	Lower	Upper
98	100		
100	67.0	54.0	81.0

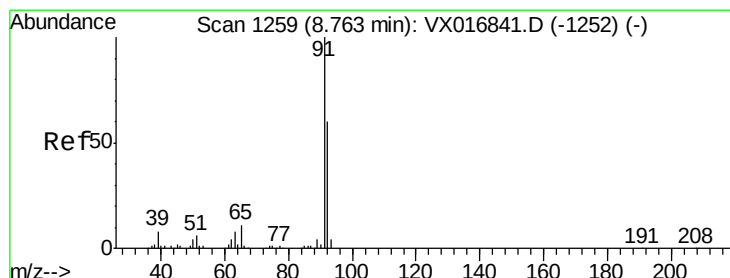
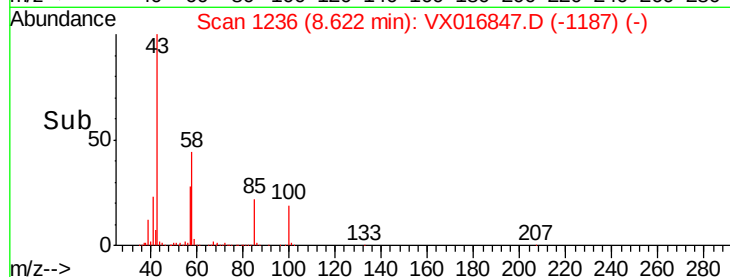
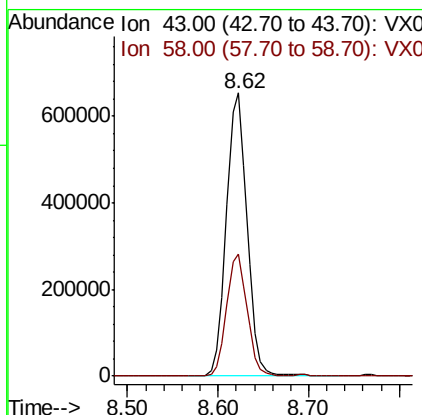
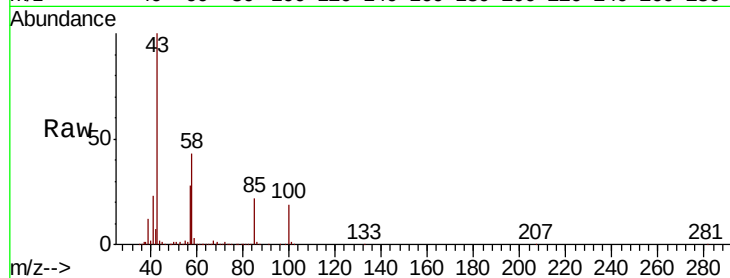




#51
 4-Methyl-2-Pentanone
 Concen: 266.389 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX016847.D
 Acq: 18 Jun 2020 18:37

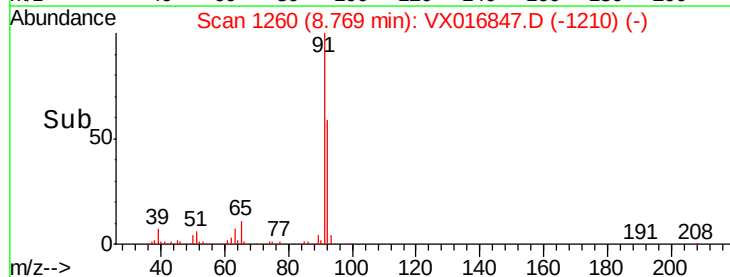
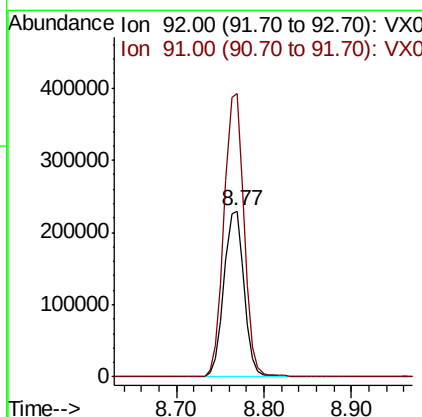
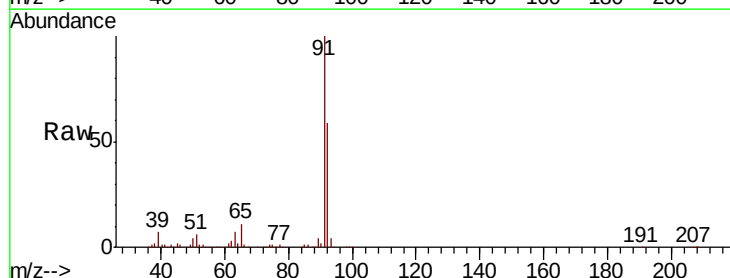
Instrument :
 MSVOA_X
 ClientSampleId :

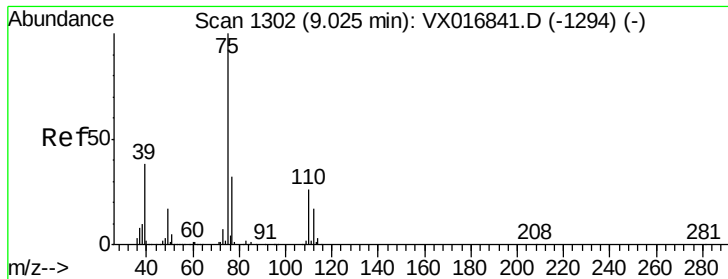
Tot Ion: 43 Resp: 1039089
 Ion Ratio Lower Upper
 43 100
 58 42.7 34.3 51.5



#52
 Toluene
 Concen: 43.794 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX016847.D
 Acq: 18 Jun 2020 18:37

Tgt Ion: 92 Resp: 366409
 Ion Ratio Lower Upper
 92 100
 91 170.3 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 44.806 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

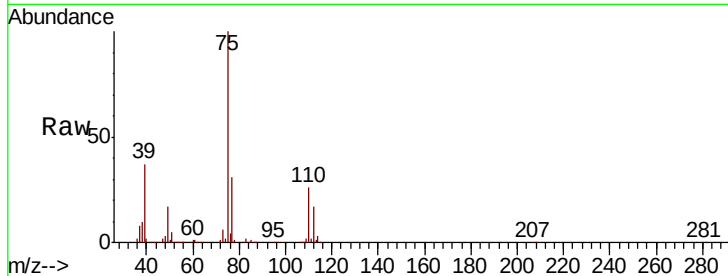
ClientSampleId :

Tot Ion: 75 Resp: 225254

Ion Ratio Lower Upper

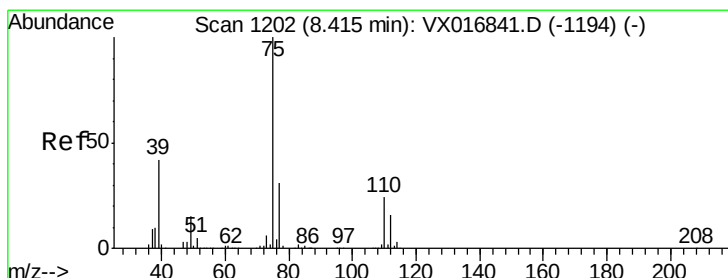
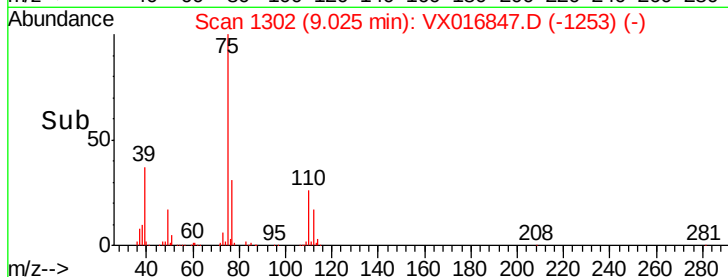
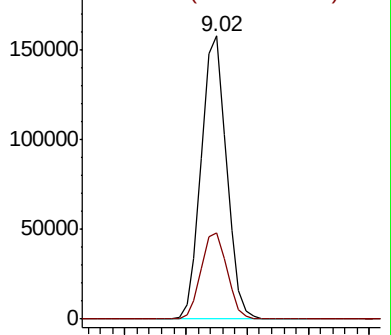
75 100

77 30.6 25.3 37.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 48.245 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

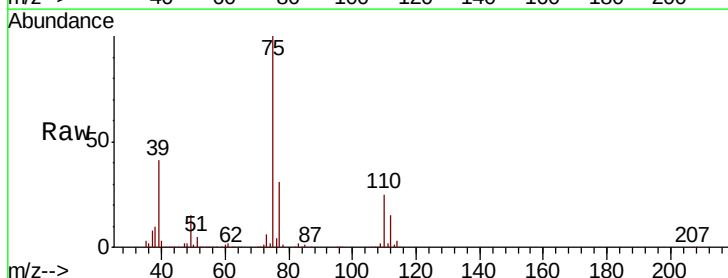
Tgt Ion: 75 Resp: 259470

Ion Ratio Lower Upper

75 100

77 30.9 24.9 37.3

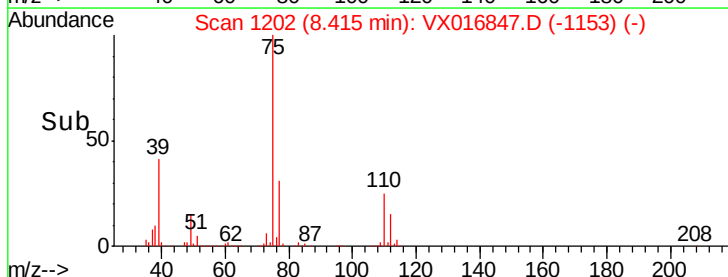
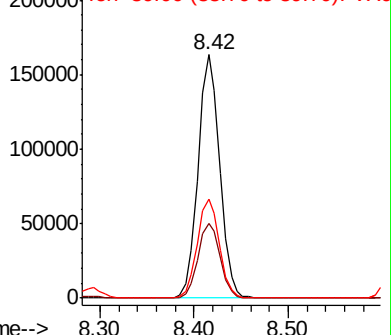
39 40.6 33.4 50.0

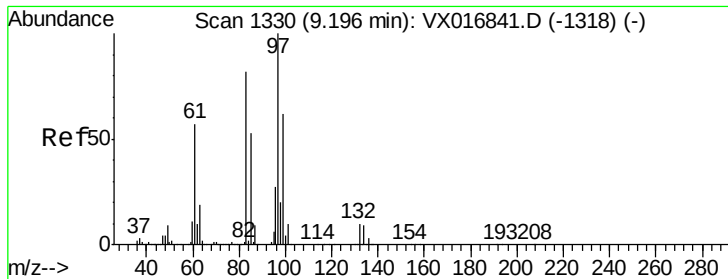


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

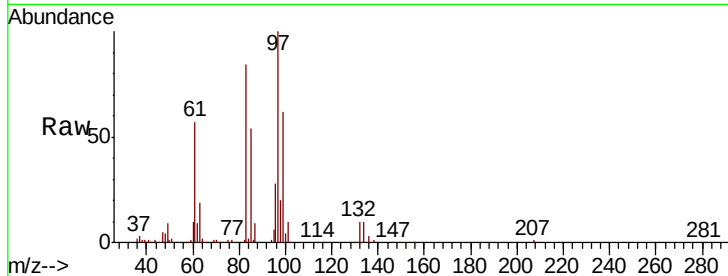




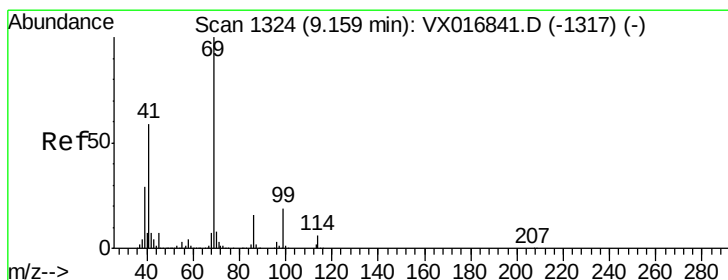
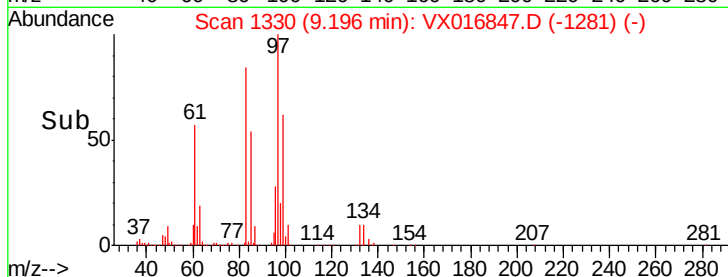
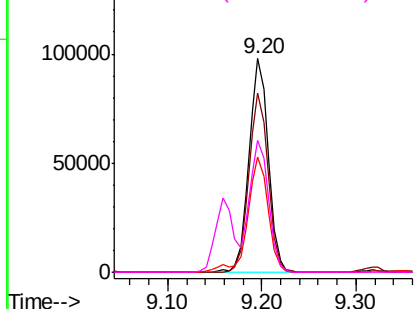
#55
 1,1,2-Trichloroethane
 Concen: 44.532 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016847.D
 Acq: 18 Jun 2020 18:37

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:	97	Resp:	140674
Ion	Ratio	Lower	Upper
97	100		
83	83.9	65.5	98.3
85	53.8	42.6	63.8
99	61.6	49.4	74.0

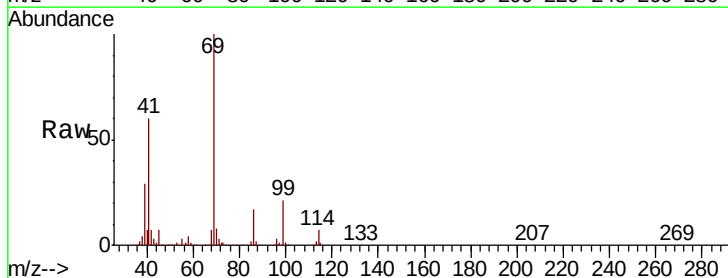


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

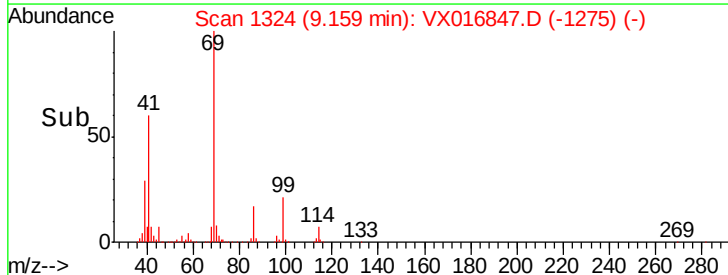
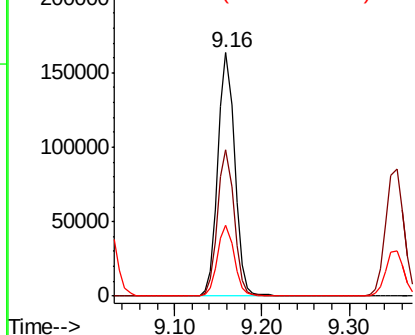


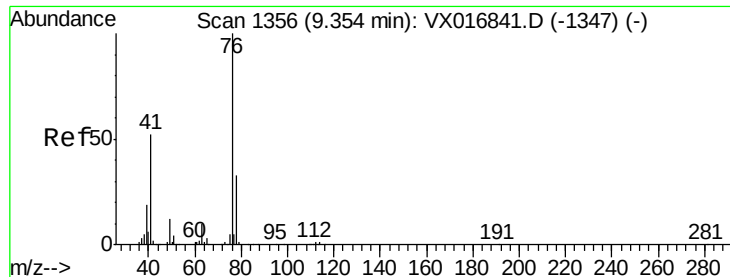
#56
 Ethyl methacrylate
 Concen: 47.637 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016847.D
 Acq: 18 Jun 2020 18:37

Tgt Ion:	69	Resp:	217846
Ion	Ratio	Lower	Upper
69	100		
41	59.5	47.9	71.9
39	29.0	24.2	36.4



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: 43.953 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

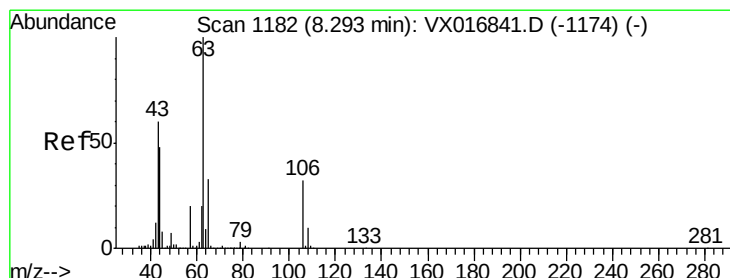
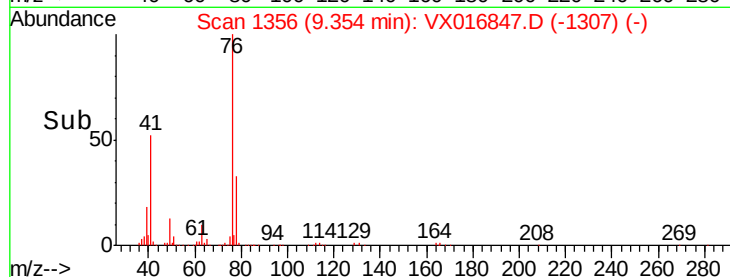
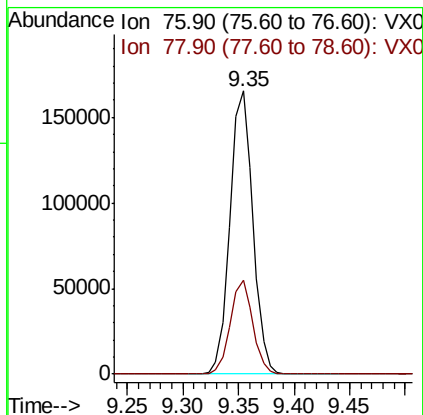
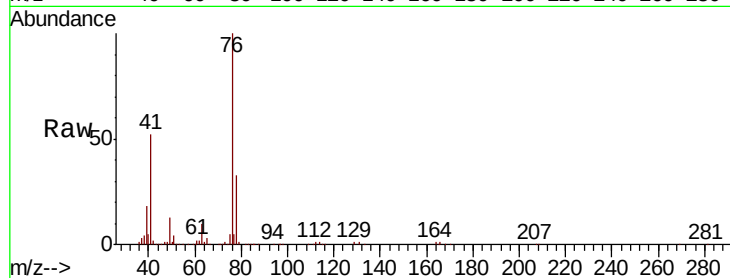
ClientSampleId :

Tot Ion: 76 Resp: 235377

Ion Ratio Lower Upper

76 100

78 32.5 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 257.886 ug/l

RT: 8.29 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VX016847.D

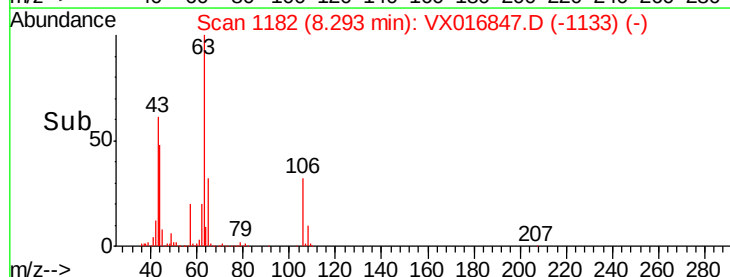
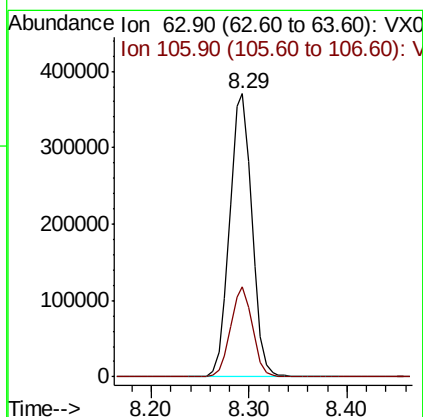
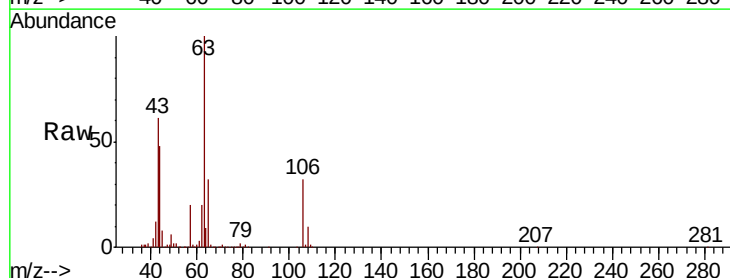
Acq: 18 Jun 2020 18:37

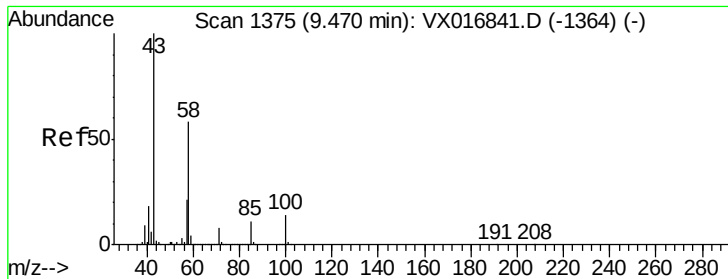
Tgt Ion: 63 Resp: 585580

Ion Ratio Lower Upper

63 100

106 31.2 25.8 38.6

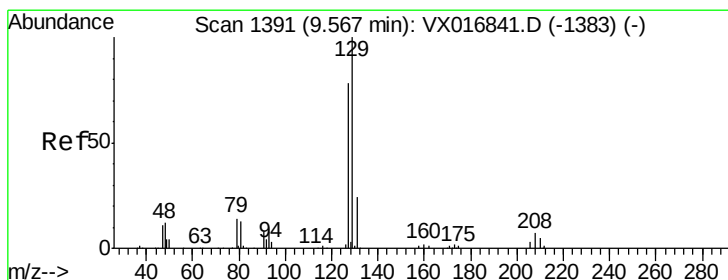
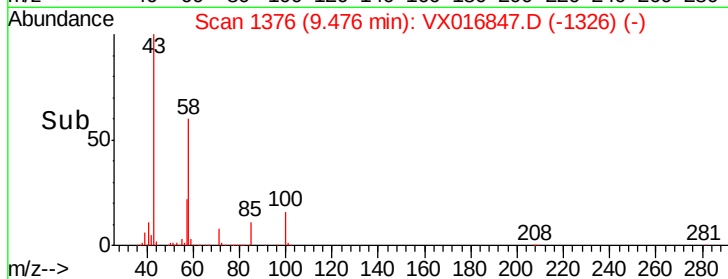
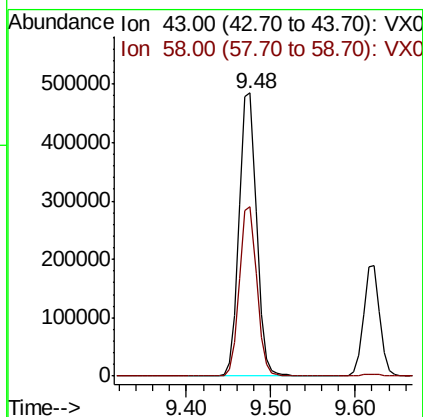
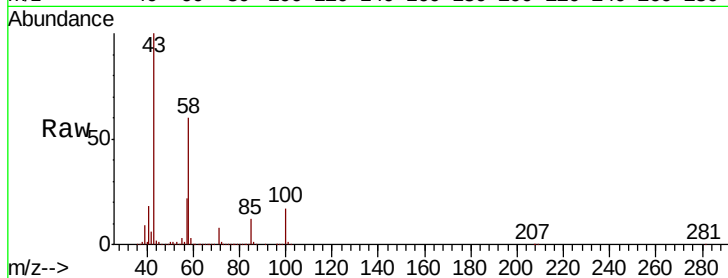




#59
2-Hexanone
Concen: 240.792 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

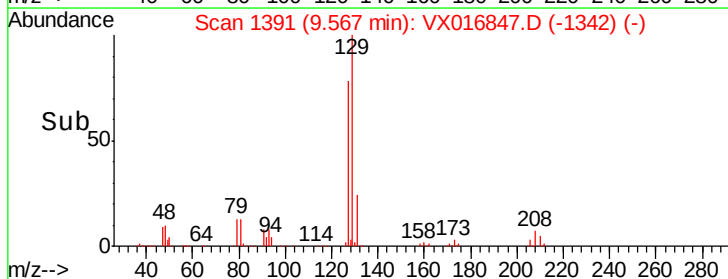
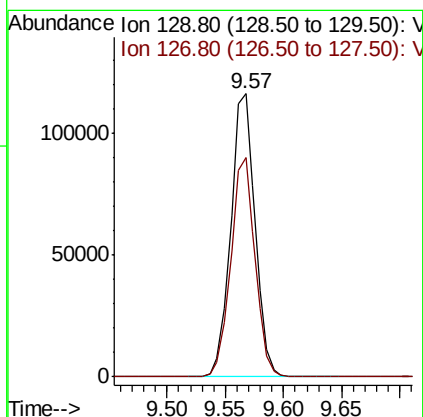
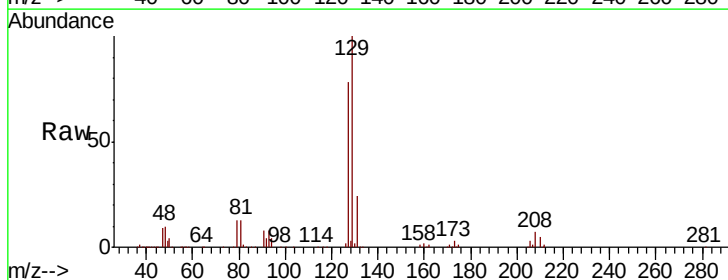
Instrument :
MSVOA_X
ClientSampleId :

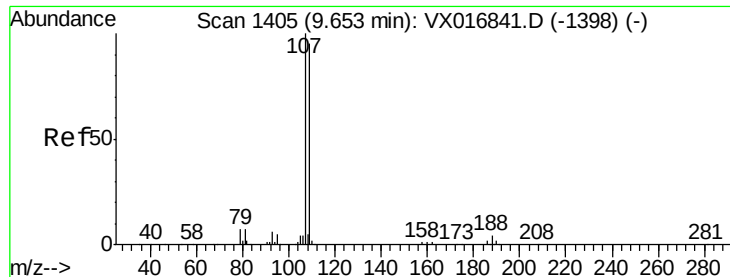
Tot Ion: 43 Resp: 668652
Ion Ratio Lower Upper
43 100
58 59.8 29.8 89.4



#60
Dibromochloromethane
Concen: 44.544 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Tgt Ion: 129 Resp: 168799
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.5





#61

1,2-Dibromoethane

Concen: 44.392 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

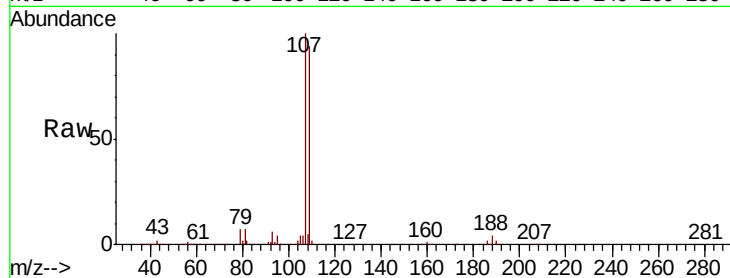
ClientSampleId :

Tot Ion:107 Resp: 152184

Ion Ratio Lower Upper

107 100

109 93.9 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

120000

100000

80000

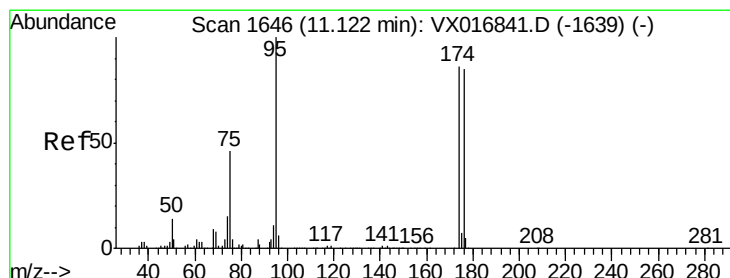
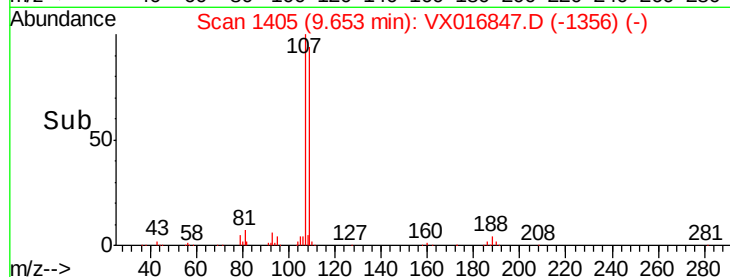
60000

40000

20000

0

Time--> 9.55 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 41.367 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

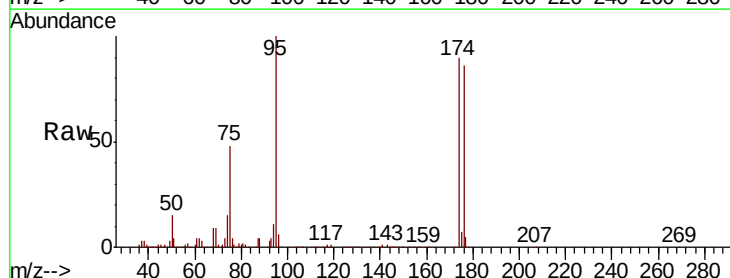
Tgt Ion: 95 Resp: 184658

Ion Ratio Lower Upper

95 100

174 87.3 0.0 174.2

176 83.9 0.0 170.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

200000

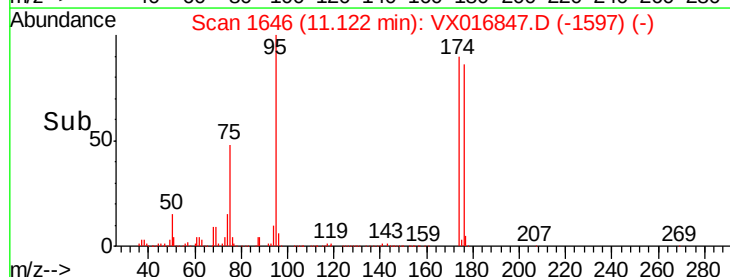
150000

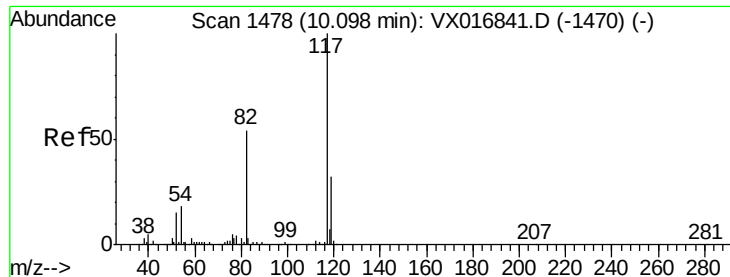
100000

50000

0

Time--> 11.10 11.12 11.20

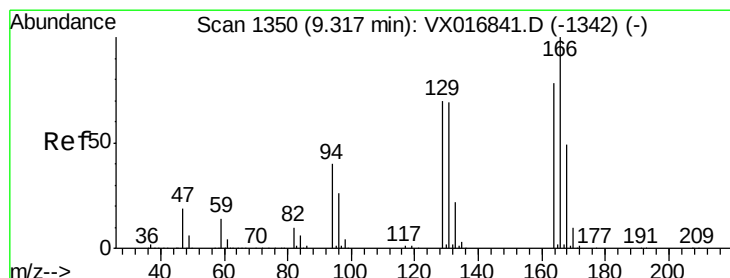
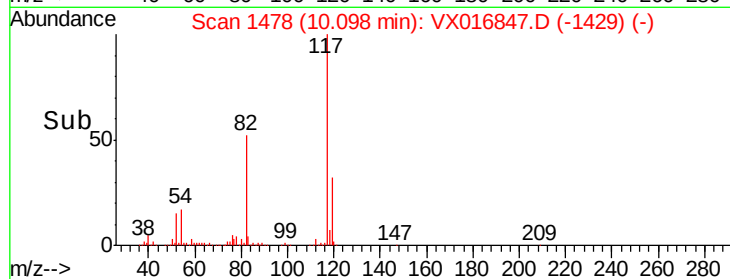
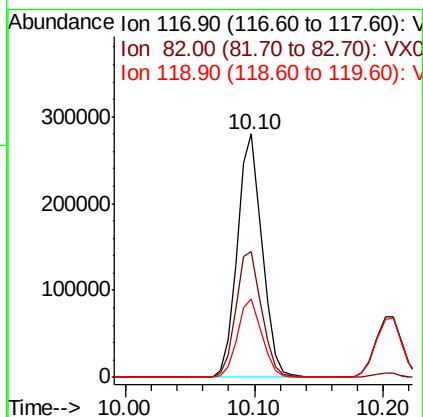
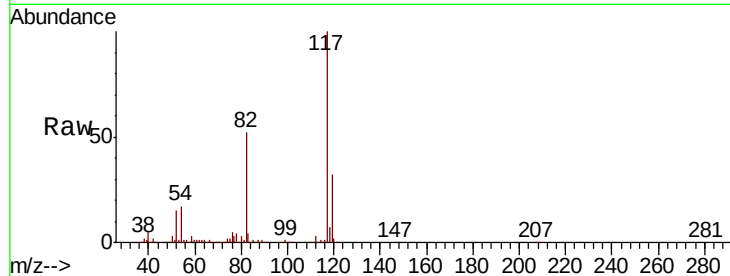




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

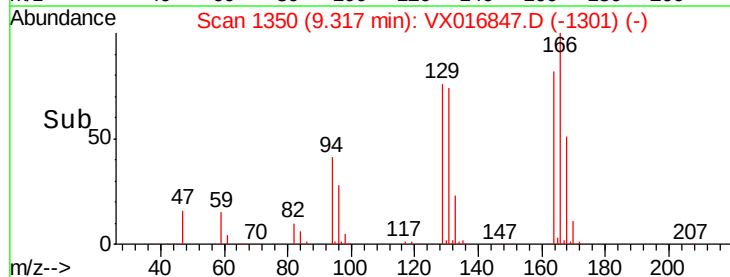
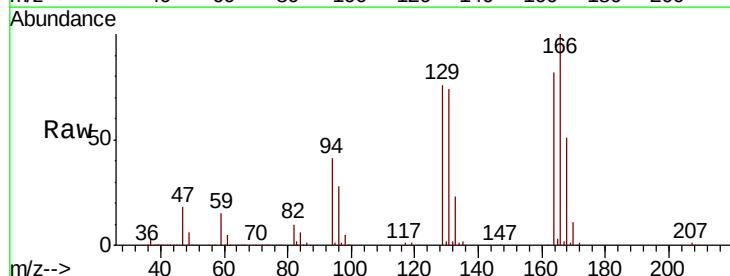
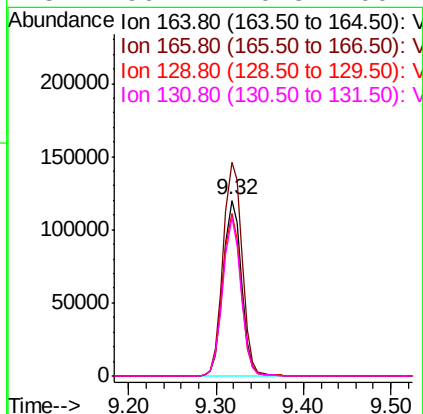
Instrument :
MSVOA_X
ClientSampleId :

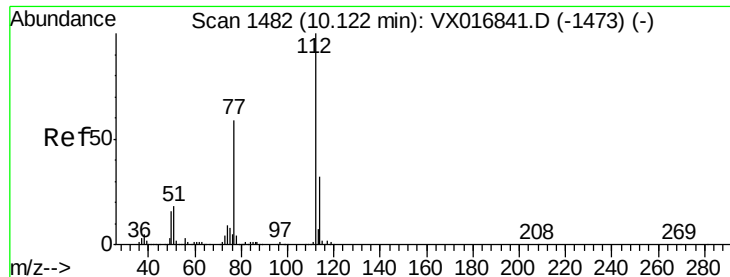
Tot Ion:117 Resp: 373905
Ion Ratio Lower Upper
117 100
82 51.9 43.4 65.0
119 32.3 25.7 38.5



#64
Tetrachloroethene
Concen: 50.567 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Tgt Ion:164 Resp: 175085
Ion Ratio Lower Upper
164 100
166 121.8 102.6 153.8
129 92.6 72.2 108.2
131 90.2 70.8 106.2

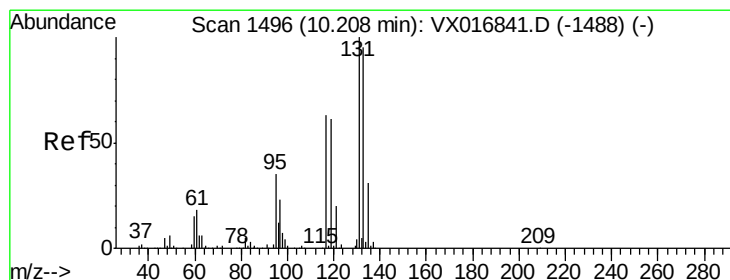
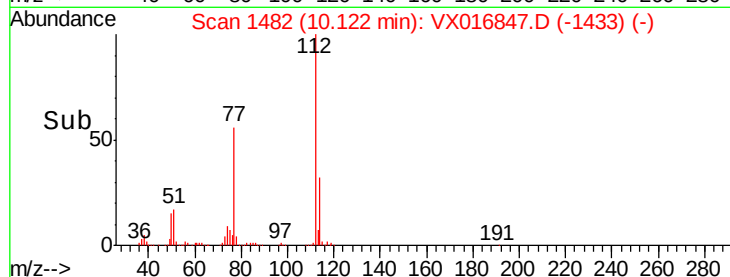
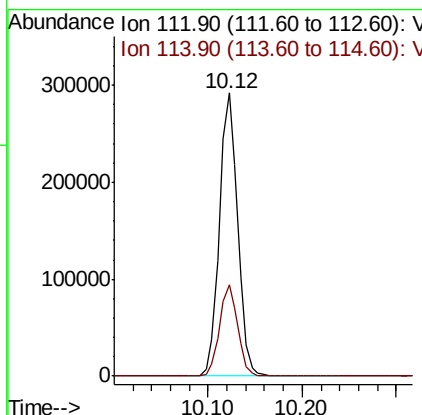
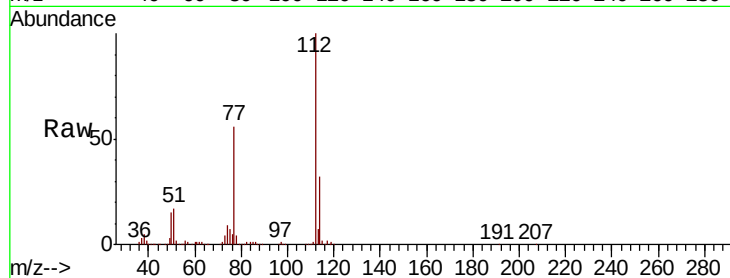




#65
Chlorobenzene
Concen: 51.864 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

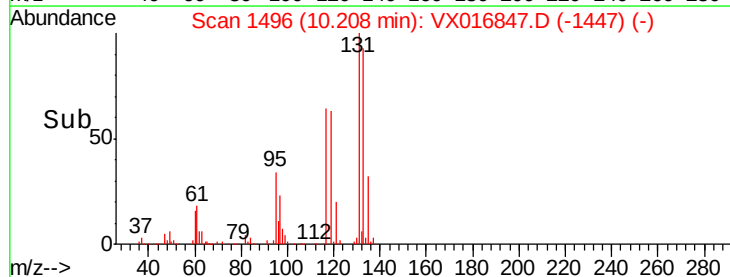
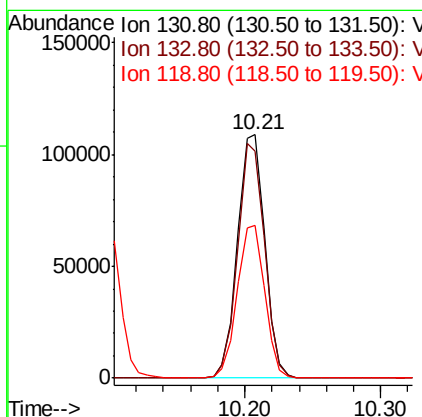
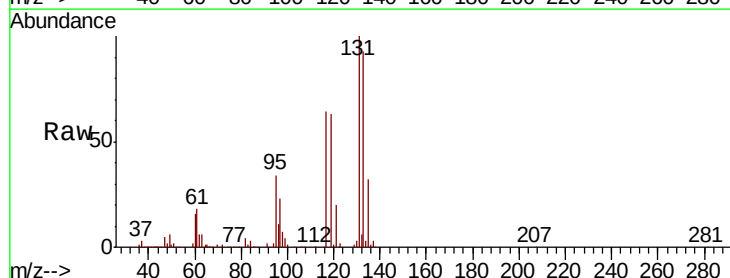
Instrument :
MSVOA_X
ClientSampleId :

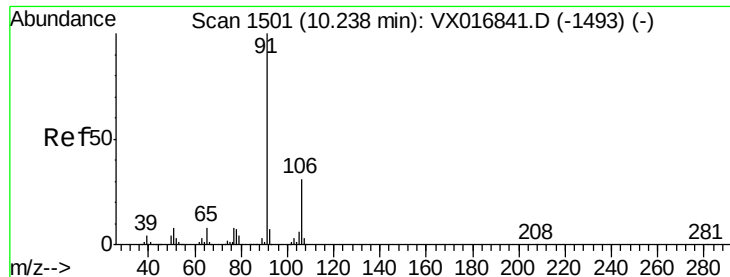
Tot Ion:112 Resp: 392692
Ion Ratio Lower Upper
112 100
114 32.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 51.946 ug/l
RT: 10.21 min Scan# 1496
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Tgt Ion:131 Resp: 152432
Ion Ratio Lower Upper
131 100
133 95.1 47.7 143.1
119 63.5 30.8 92.4

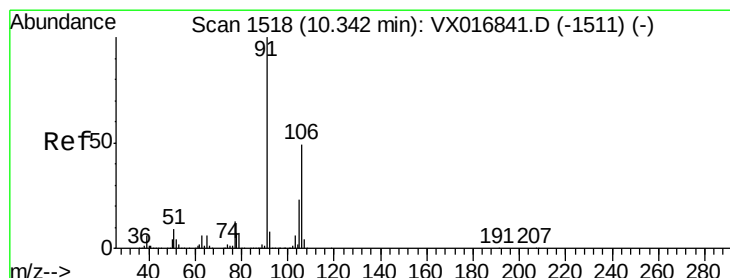
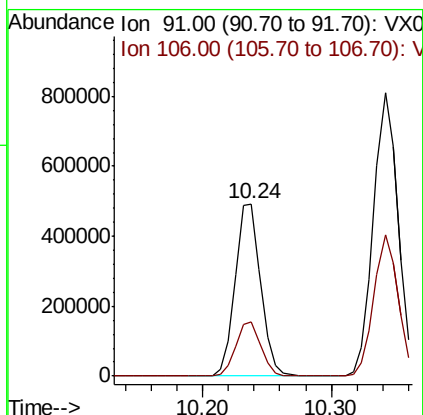
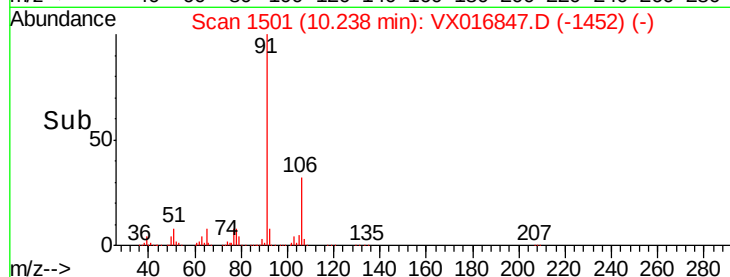
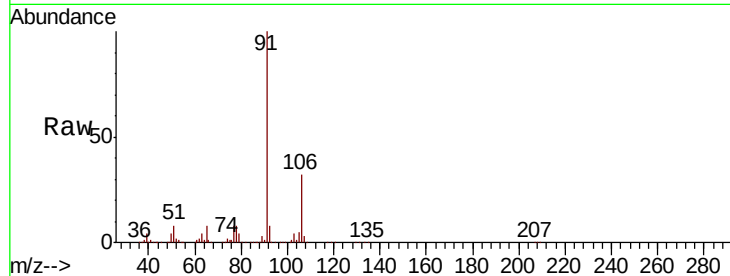




#67
Ethyl Benzene
Concen: 53.259 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

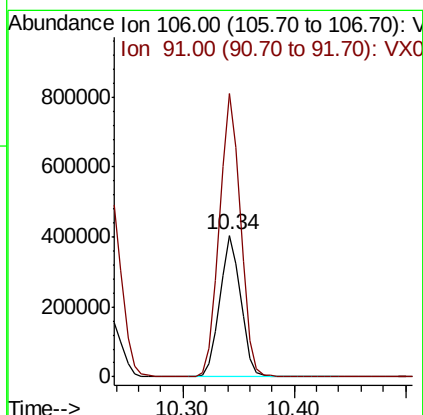
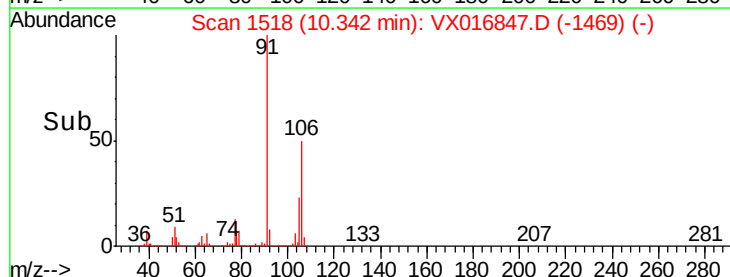
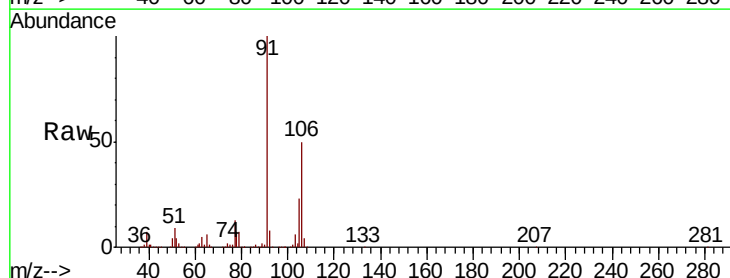
Instrument :
MSVOA_X
ClientSampled :

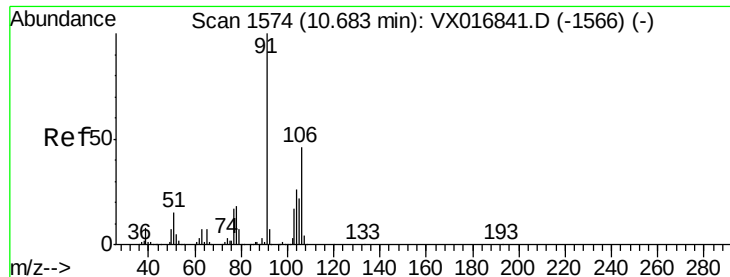
Tot Ion: 91 Resp: 680379
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7



#68
m/p-Xylenes
Concen: 106.269 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Tgt Ion: 106 Resp: 528279
Ion Ratio Lower Upper
106 100
91 201.6 161.5 242.3

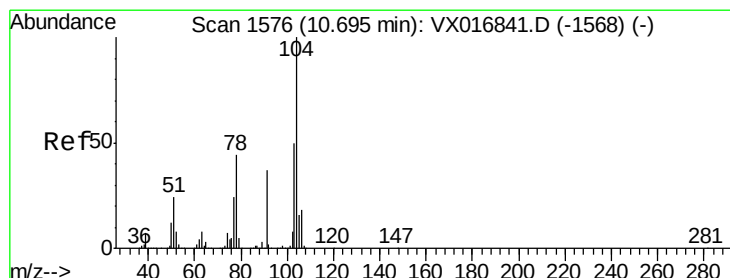
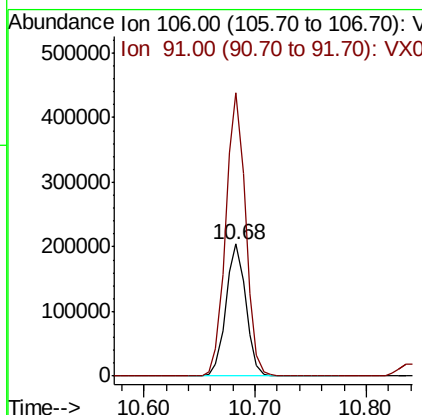
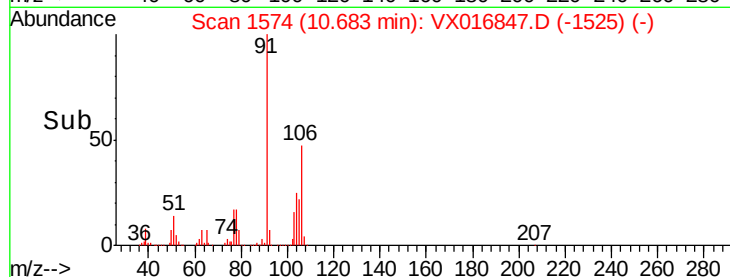
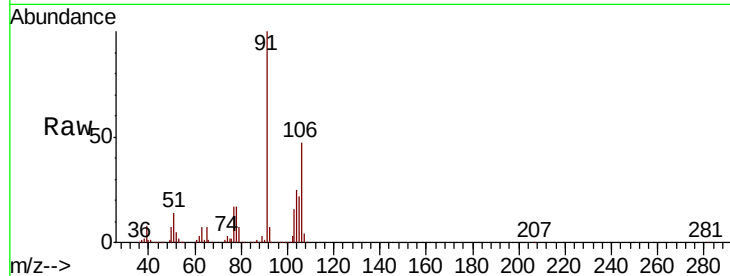




#69
o-Xylene
Concen: 54.850 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

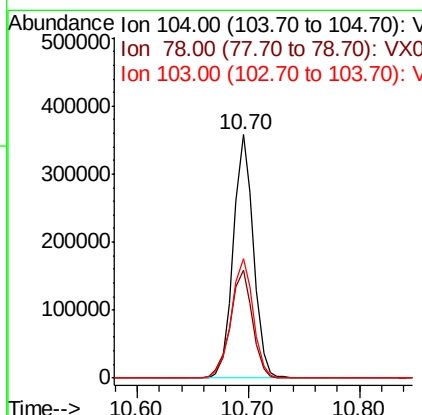
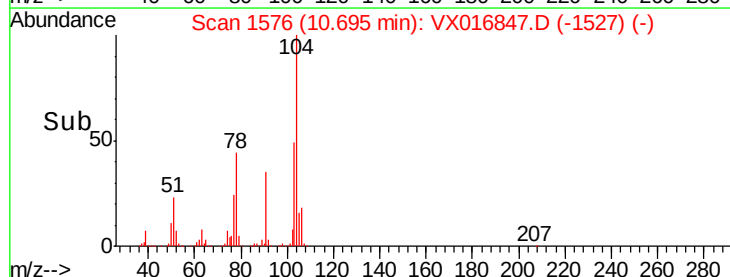
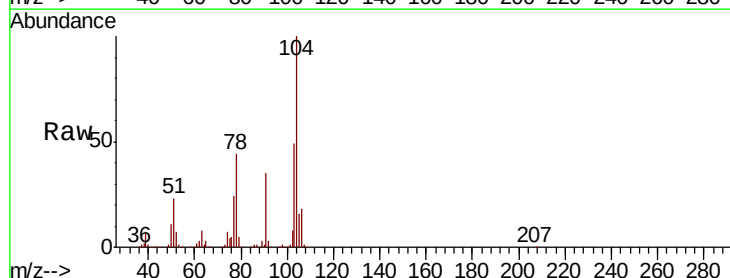
Instrument :
MSVOA_X
ClientSampled :

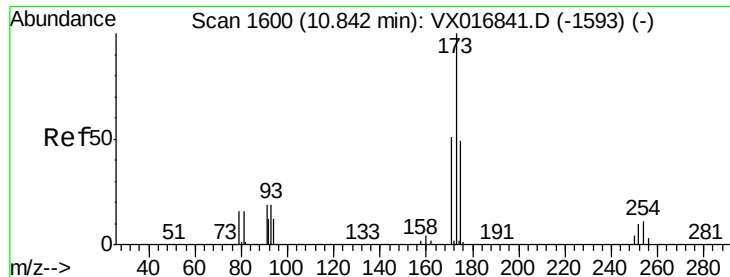
Tot Ion:106 Resp: 252121
Ion Ratio Lower Upper
106 100
91 214.2 107.9 323.7



#70
Styrene
Concen: 57.205 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Tgt Ion:104 Resp: 446774
Ion Ratio Lower Upper
104 100
78 48.7 39.6 59.4
103 53.6 43.3 64.9





#71

Bromoform

Concen: 55.541 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

ClientSampled :

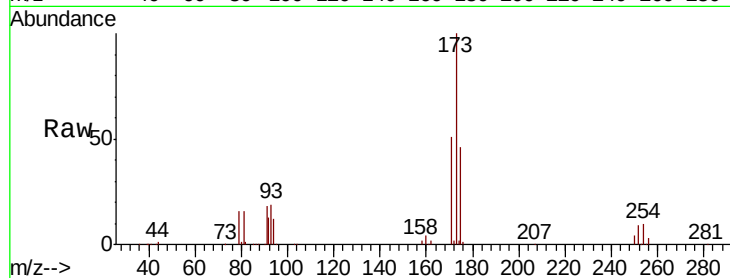
Tot Ion:173 Resp: 137026

Ion Ratio Lower Upper

173 100

175 47.9 24.3 73.0

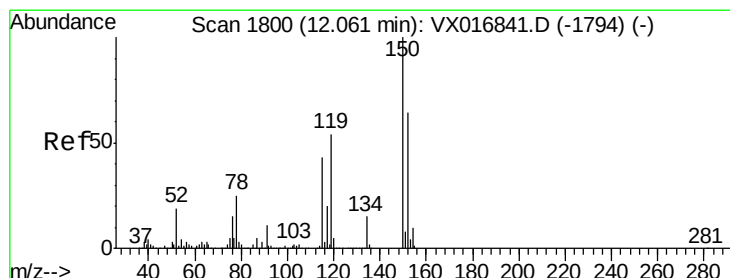
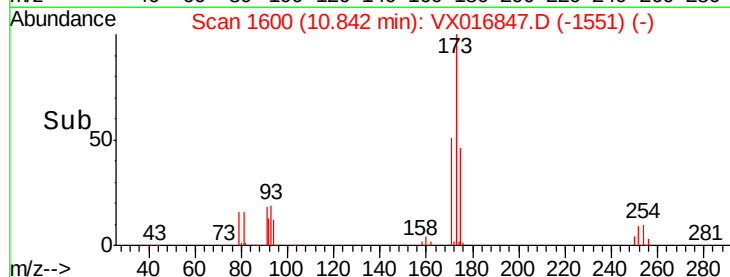
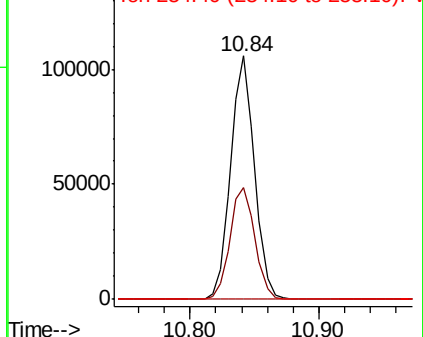
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

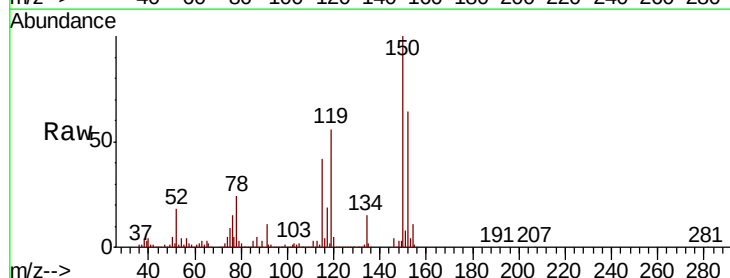
Tgt Ion:152 Resp: 222801

Ion Ratio Lower Upper

152 100

115 83.1 40.9 122.8

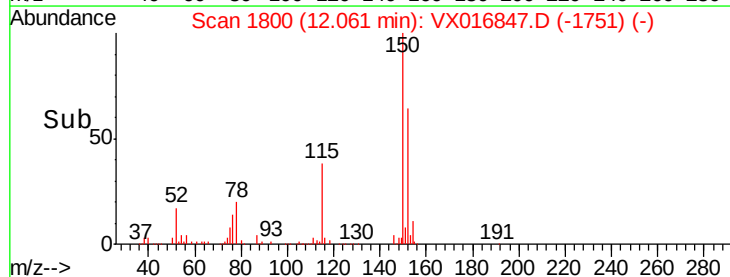
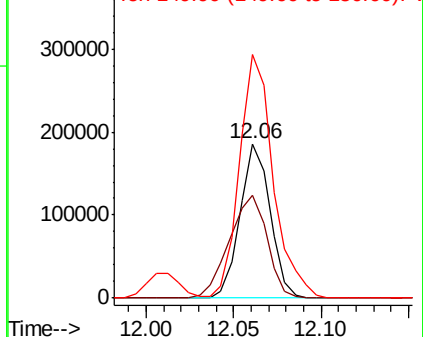
150 176.2 0.0 344.2

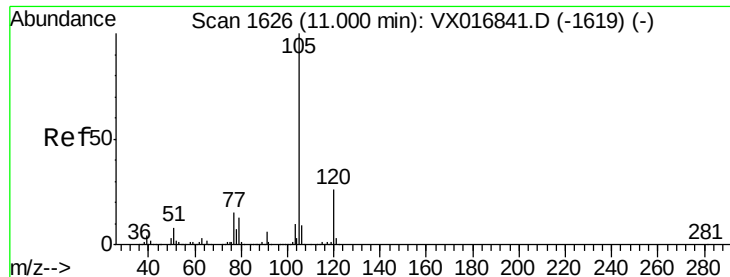


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 46.388 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

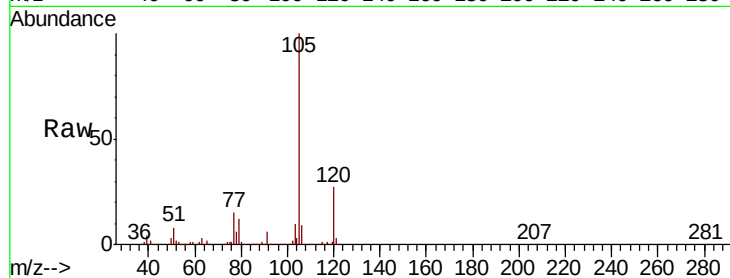
ClientSampleId :

Tot Ion:105 Resp: 686069

Ion Ratio Lower Upper

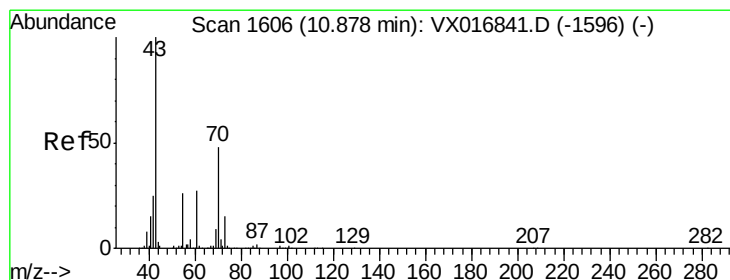
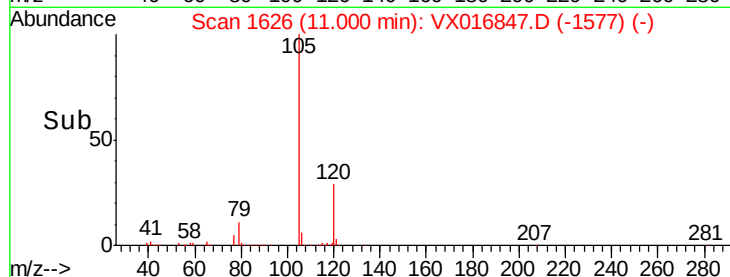
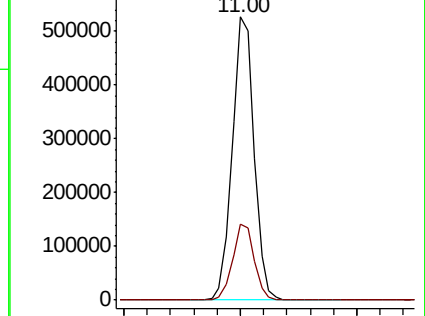
105 100

120 26.5 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 52.177 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Tgt Ion: 43 Resp: 261366

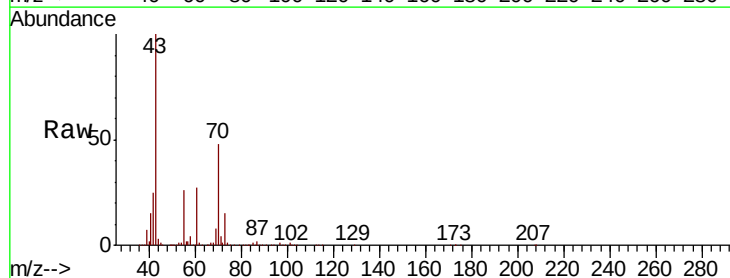
Ion Ratio Lower Upper

43 100

70 49.1 39.9 59.9

55 26.4 21.8 32.6

61 27.2 22.2 33.4

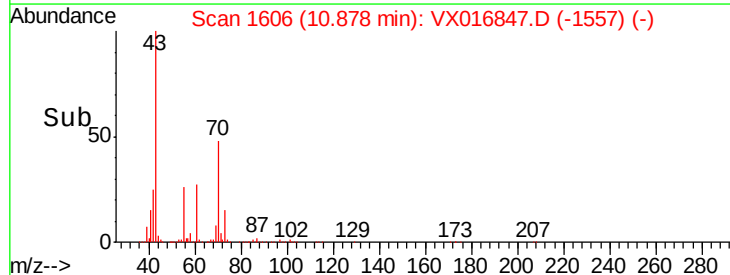
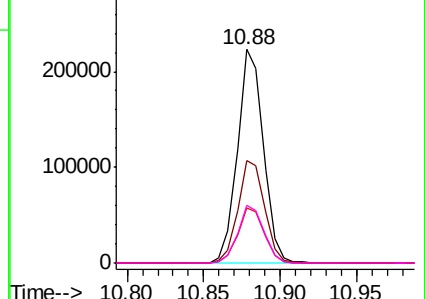


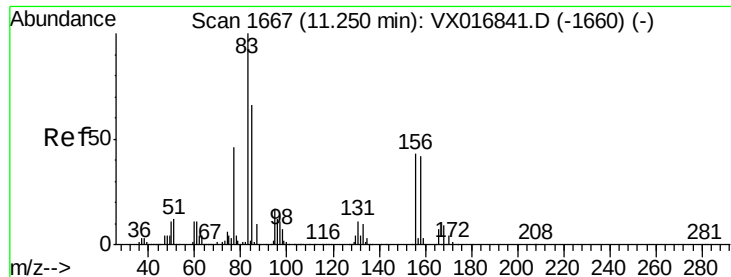
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.281 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

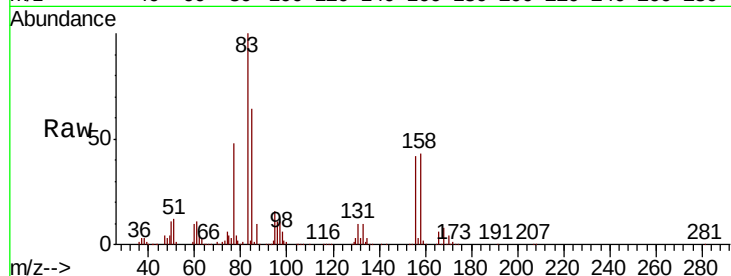
Tot Ion: 83 Resp: 187468

Ion Ratio Lower Upper

83 100

131 11.1 5.7 17.1

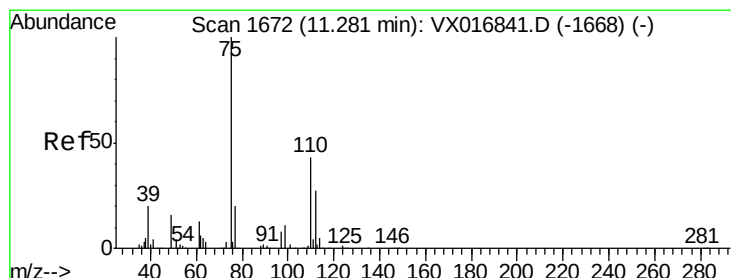
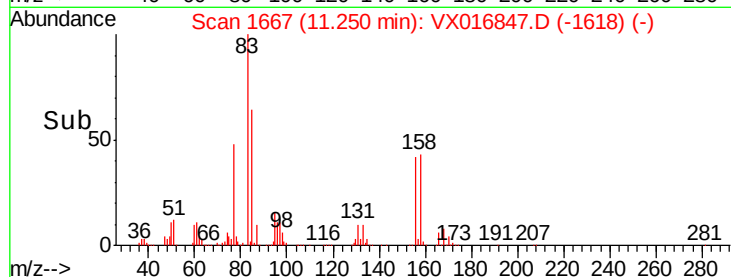
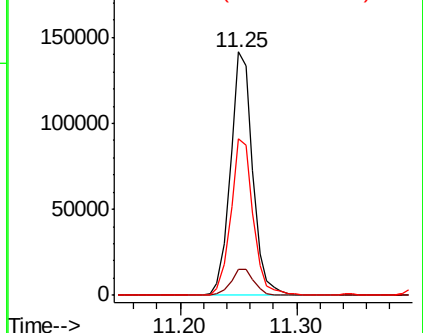
85 64.7 32.6 97.8



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: 65.282 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016847.D

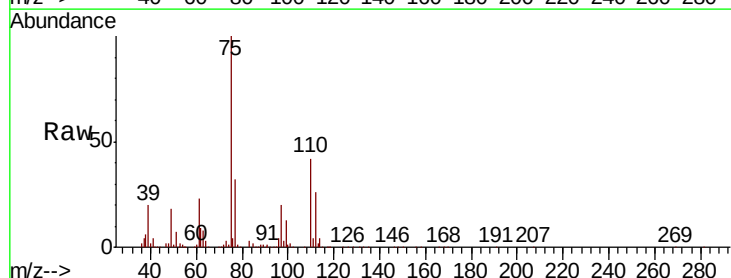
Acq: 18 Jun 2020 18:37

Tgt Ion: 75 Resp: 253615

Ion Ratio Lower Upper

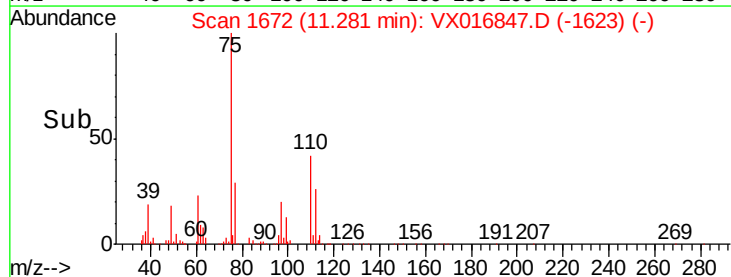
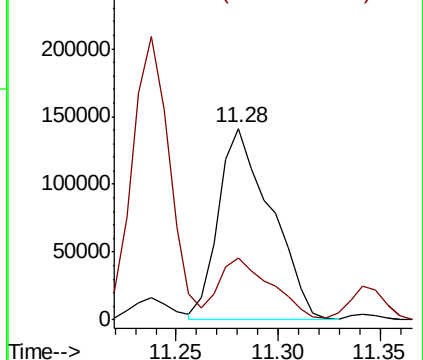
75 100

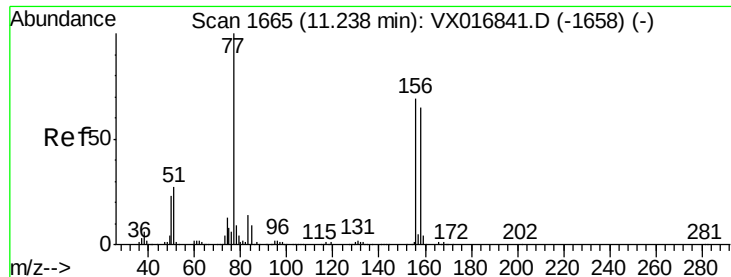
77 32.0 20.5 61.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.126 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

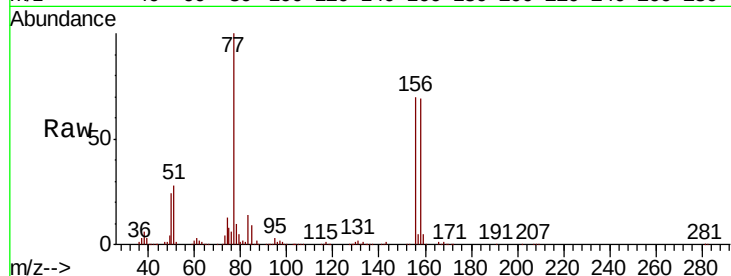
Tot Ion:156 Resp: 184368

Ion Ratio Lower Upper

156 100

77 144.3 73.4 220.2

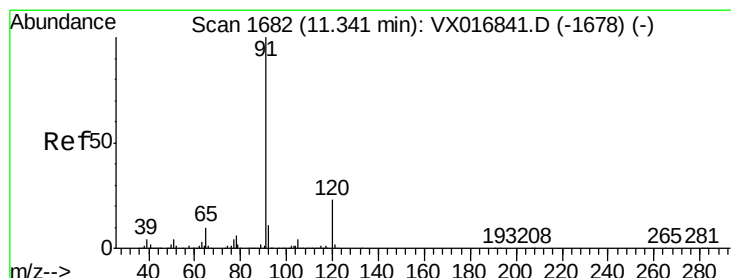
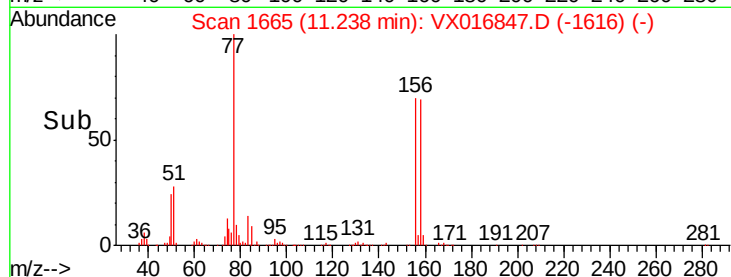
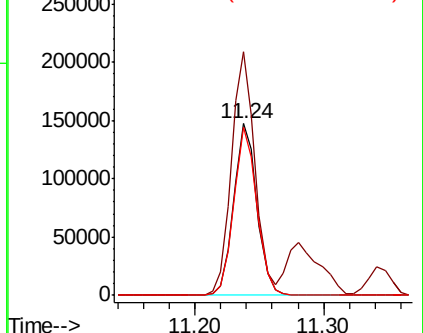
158 97.5 48.8 146.3



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: 47.666 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016847.D

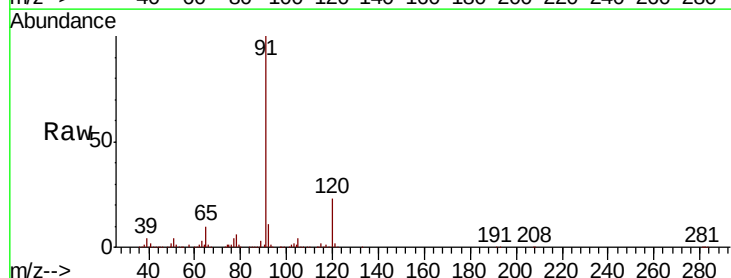
Acq: 18 Jun 2020 18:37

Tgt Ion: 91 Resp: 763105

Ion Ratio Lower Upper

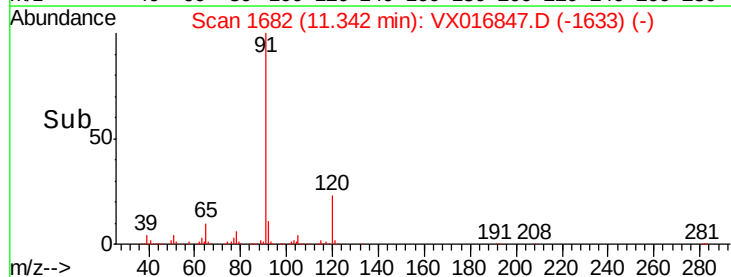
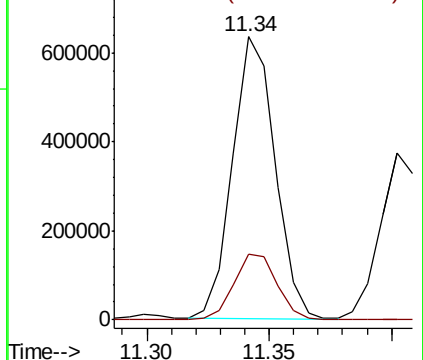
91 100

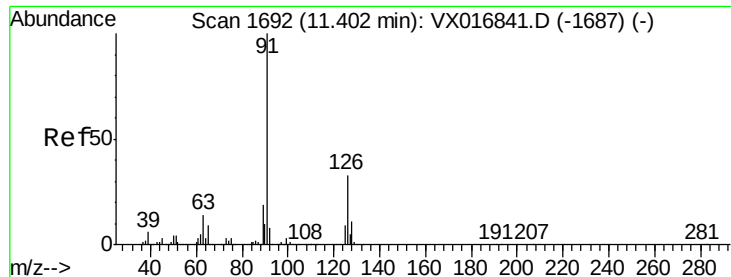
120 24.0 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.677 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

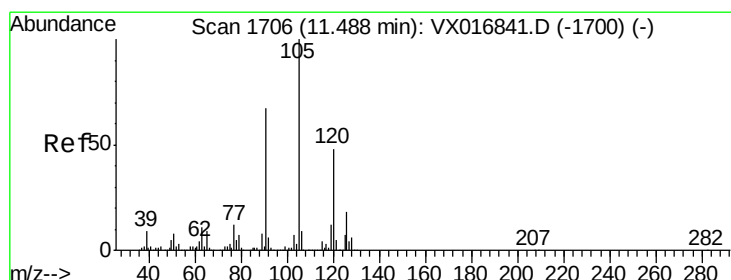
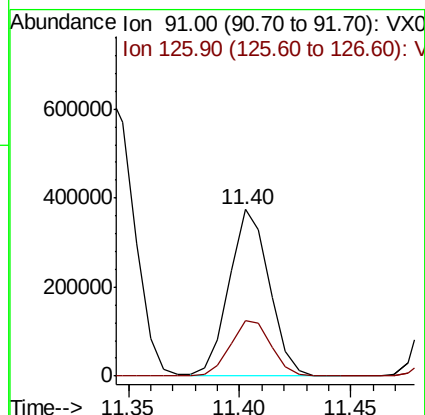
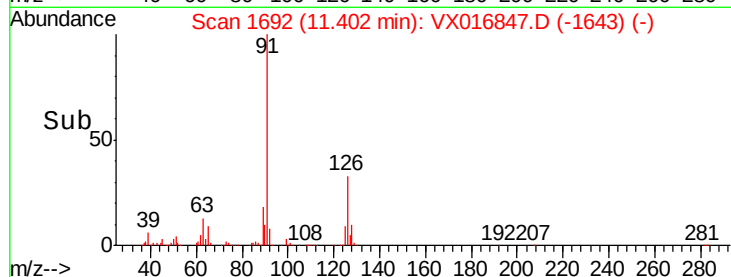
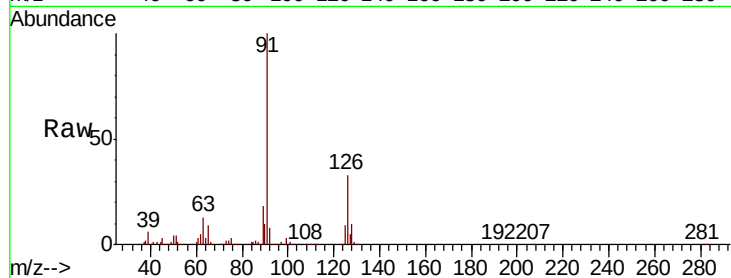
ClientSampleId :

Tot Ion: 91 Resp: 467012

Ion Ratio Lower Upper

91 100

126 34.3 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 45.839 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016847.D

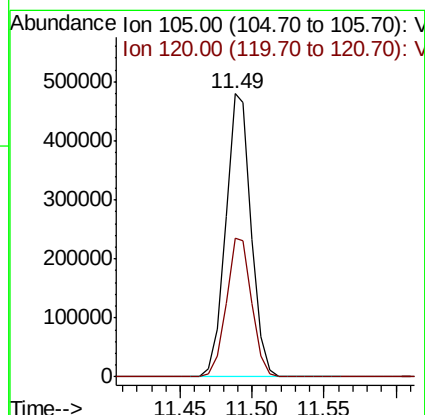
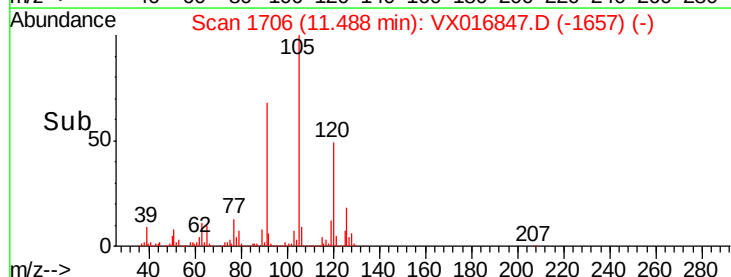
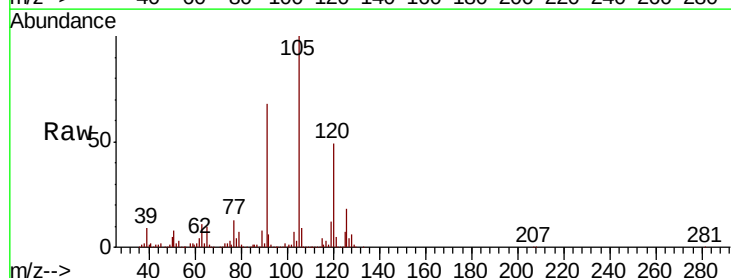
Acq: 18 Jun 2020 18:37

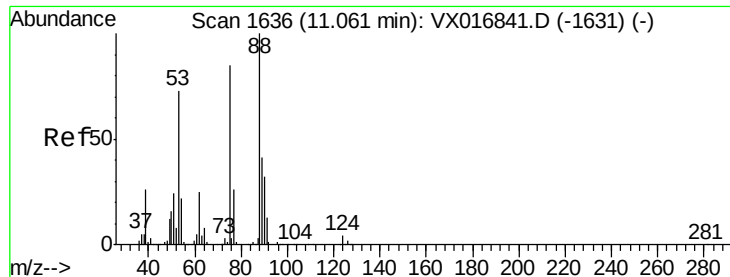
Tgt Ion: 105 Resp: 595715

Ion Ratio Lower Upper

105 100

120 49.1 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 45.498 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

ClientSampleId :

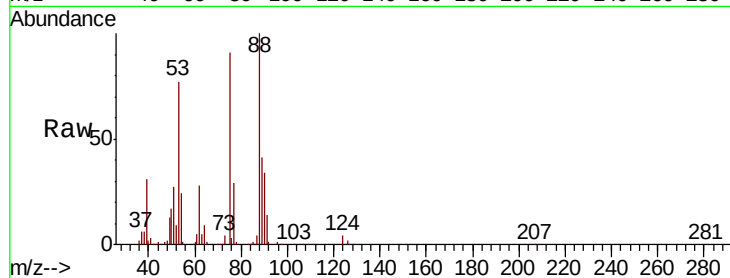
Tot Ion: 75 Resp: 75601

Ion Ratio Lower Upper

75 100

53 86.0 69.8 104.8

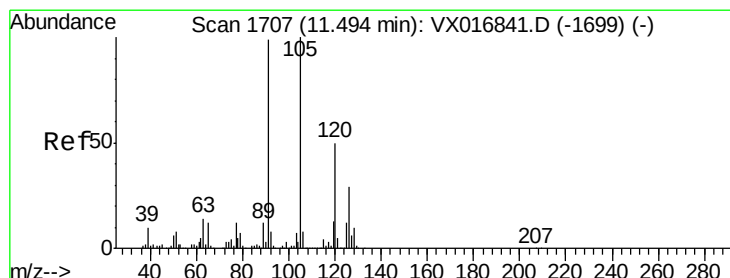
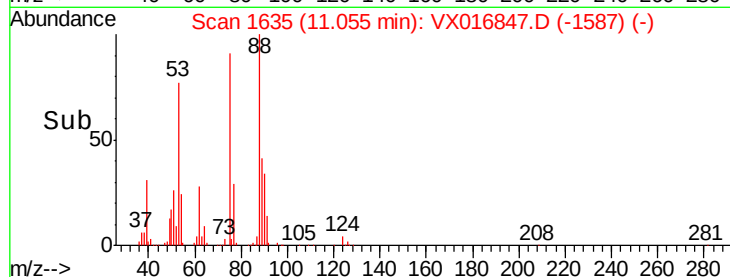
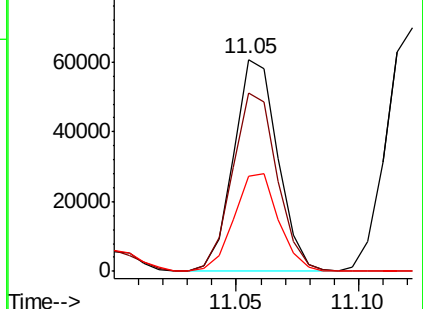
89 46.8 38.3 57.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.031 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016847.D

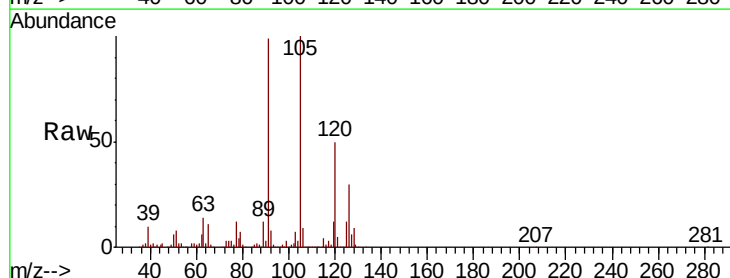
Acq: 18 Jun 2020 18:37

Tgt Ion: 91 Resp: 552676

Ion Ratio Lower Upper

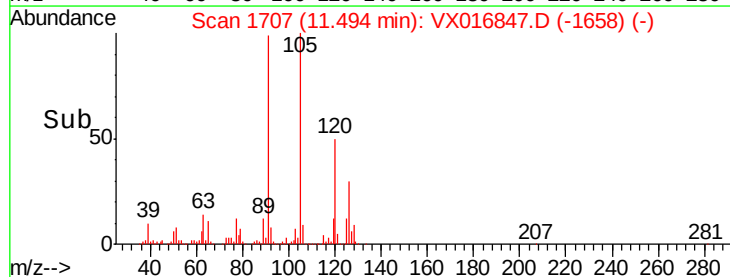
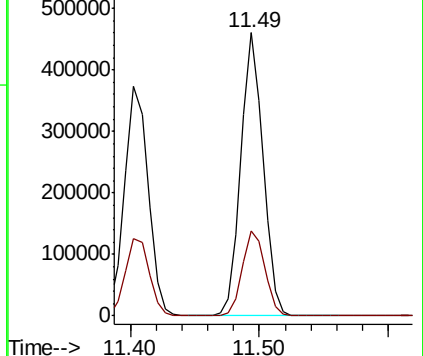
91 100

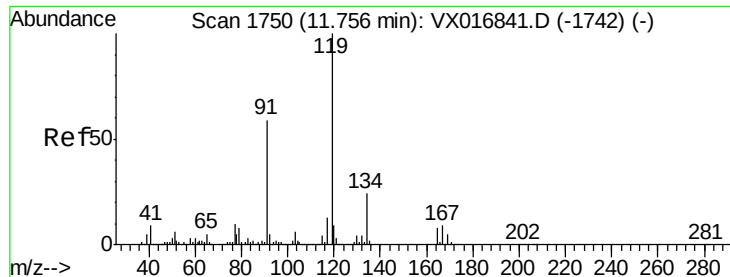
126 30.4 15.0 45.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

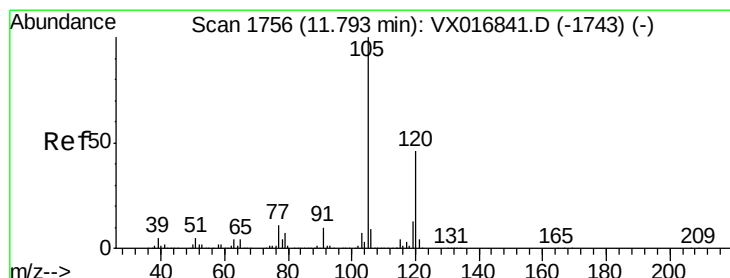
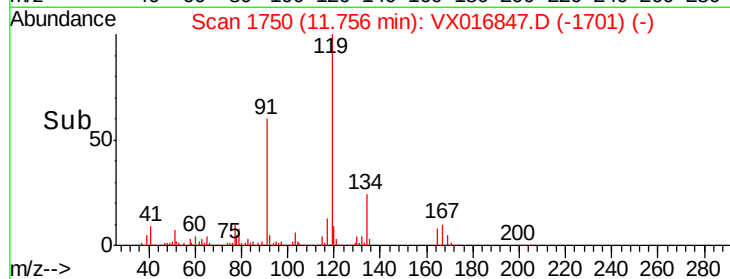
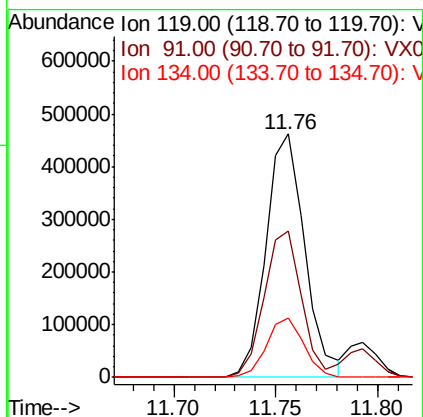
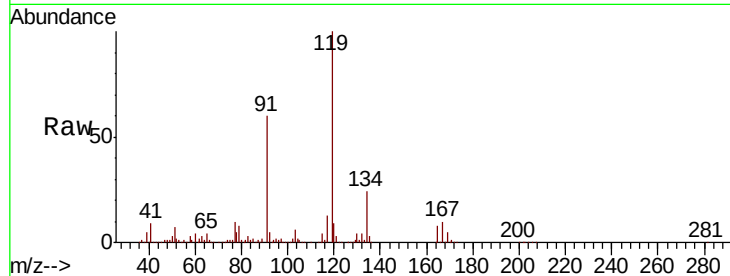




#83
tert-Butylbenzene
Concen: 50.072 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

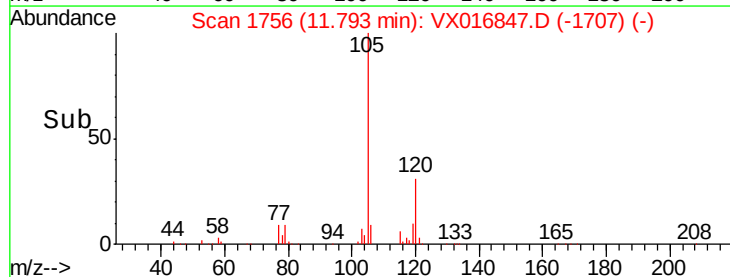
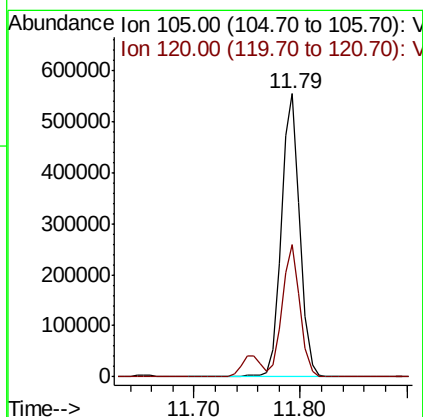
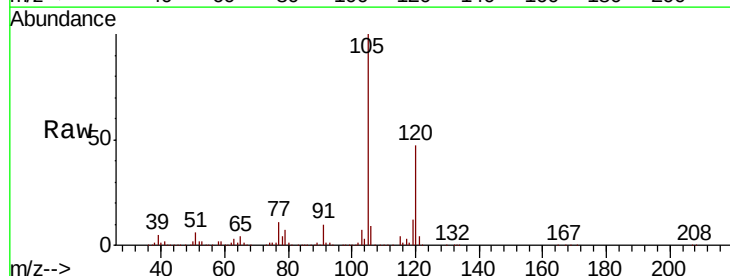
Instrument :
MSVOA_X
ClientSampleId :

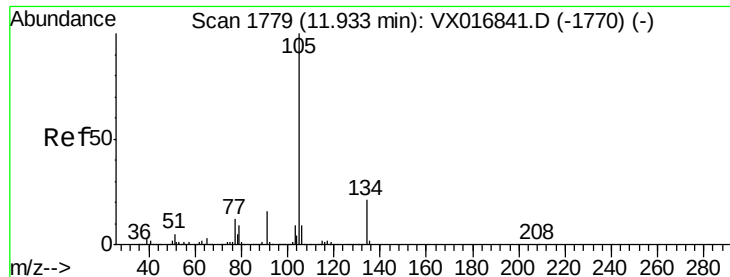
Tot Ion:119 Resp: 613184
Ion Ratio Lower Upper
119 100
91 57.6 28.5 85.5
134 23.3 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 51.891 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Tgt Ion:105 Resp: 661584
Ion Ratio Lower Upper
105 100
120 45.0 22.3 66.9





#85

sec-Butylbenzene

Concen: 53.333 ug/l

RT: 11.93 min Scan# 1778

Delta R.T. -0.01 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

Instrument :

MSVOA_X

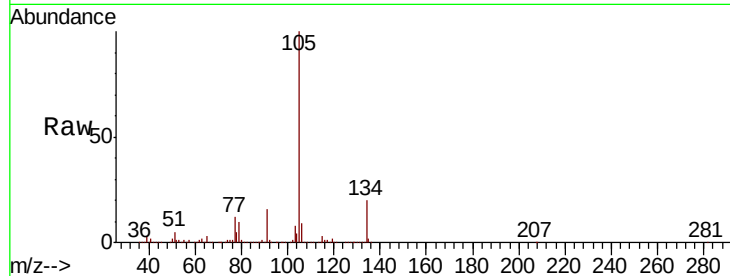
ClientSampleId :

Tot Ion:105 Resp: 758534

Ion Ratio Lower Upper

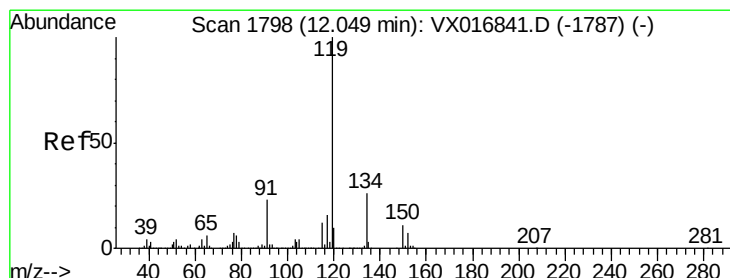
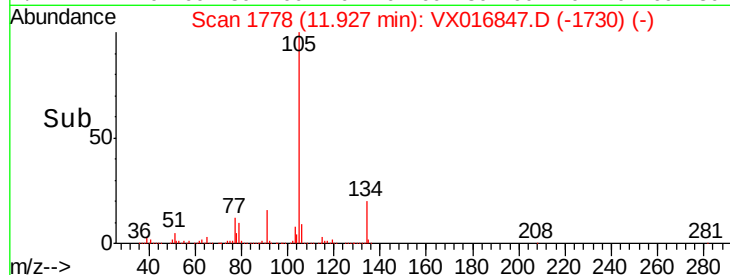
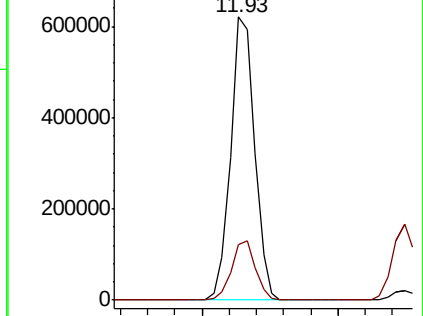
105 100

134 20.8 10.4 31.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 57.513 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016847.D

Acq: 18 Jun 2020 18:37

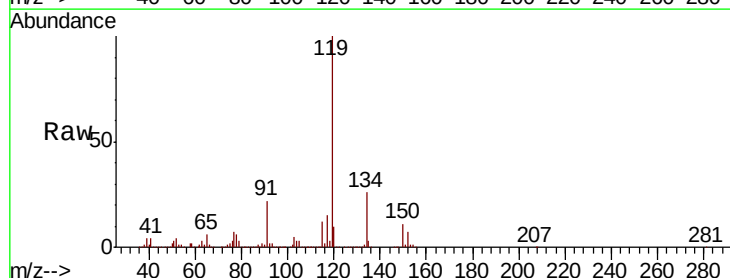
Tgt Ion:119 Resp: 749452

Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

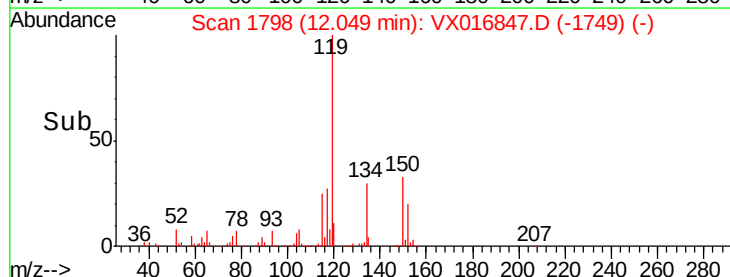
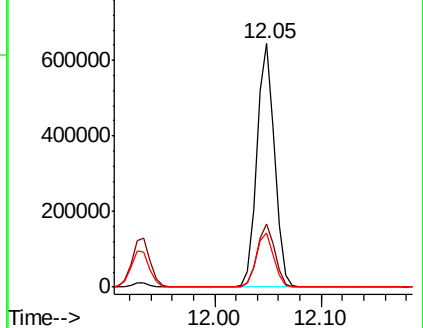
91 22.3 11.6 34.8

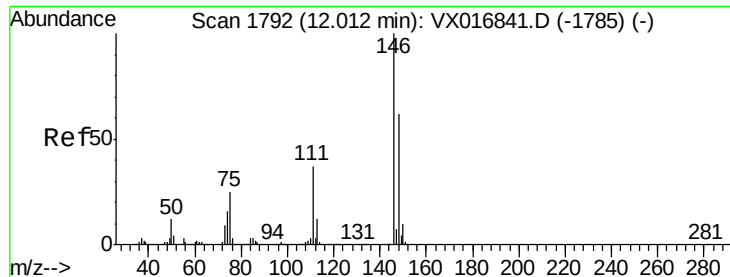


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

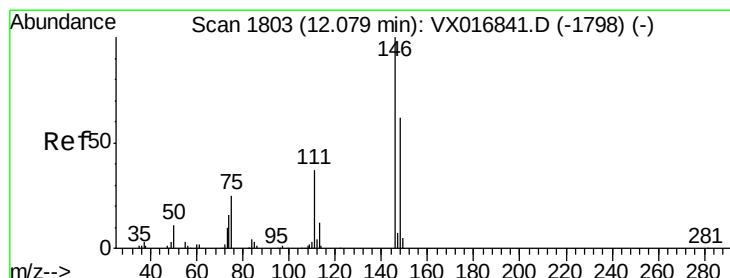
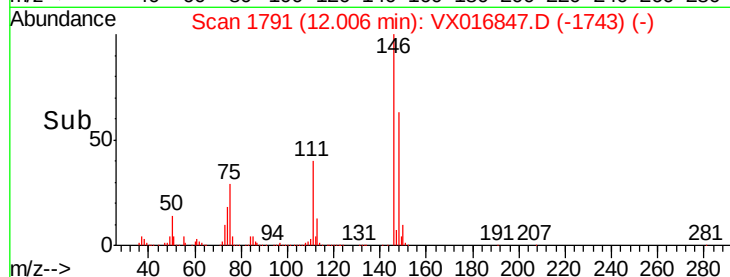
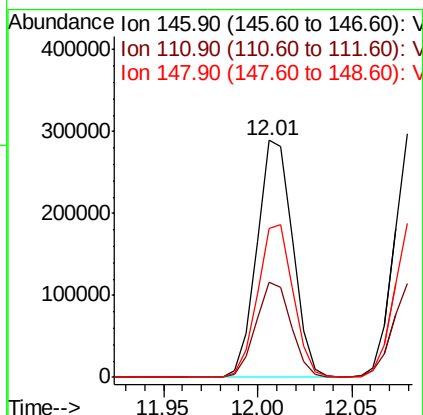
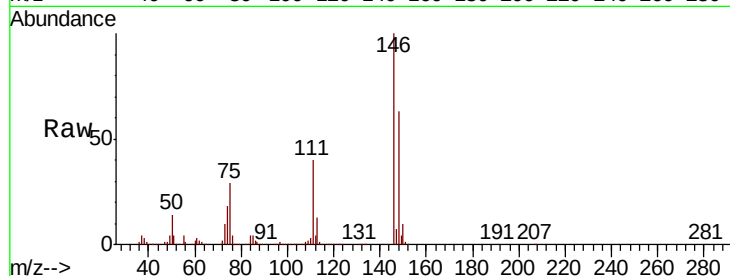




#87
 1,3-Dichlorobenzene
 Concen: 53.318 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016847.D
 Acq: 18 Jun 2020 18:37

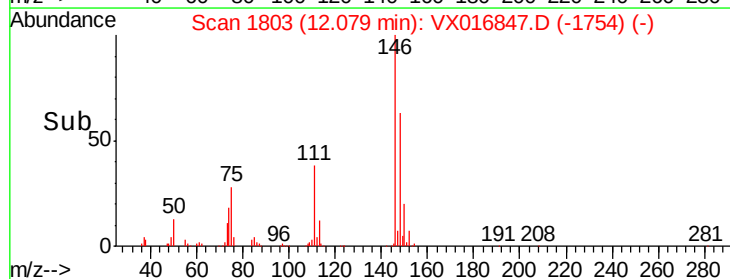
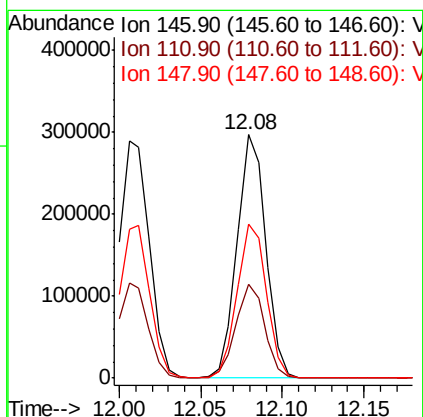
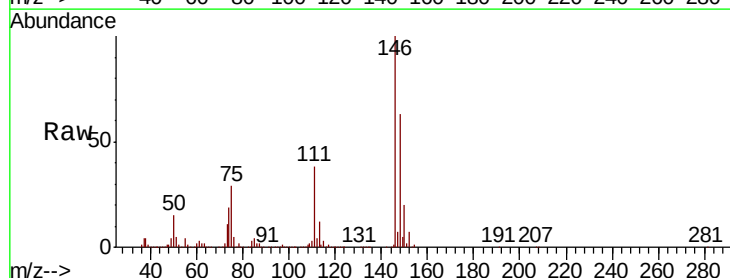
Instrument :
 MSVOA_X
 ClientSampleId :

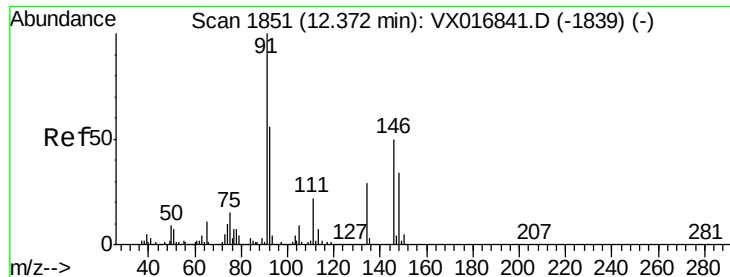
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.4	58.2
148	64.1	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.568 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016847.D
 Acq: 18 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.0	57.0
148	64.9	31.6	95.0

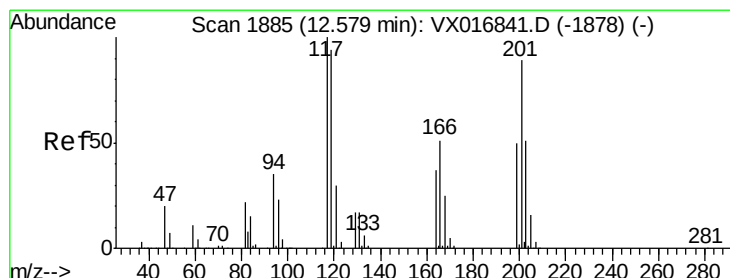
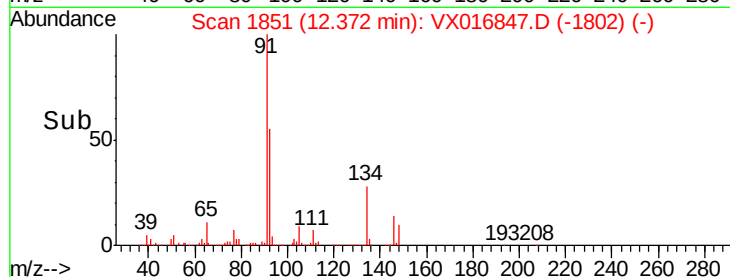
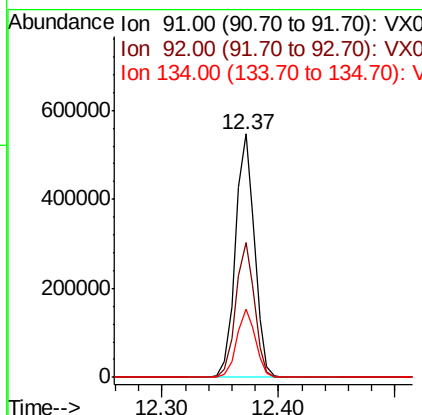
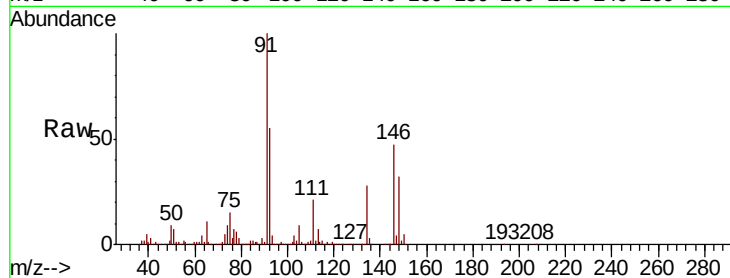




#89
n-Butylbenzene
Concen: 49.270 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

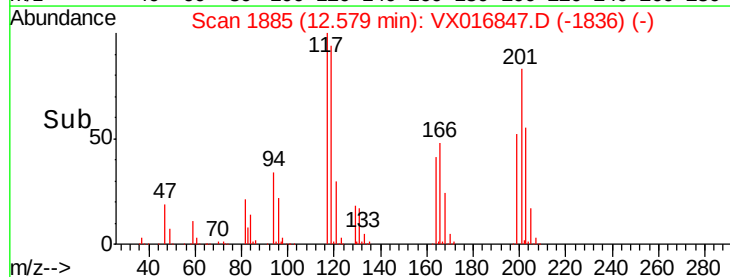
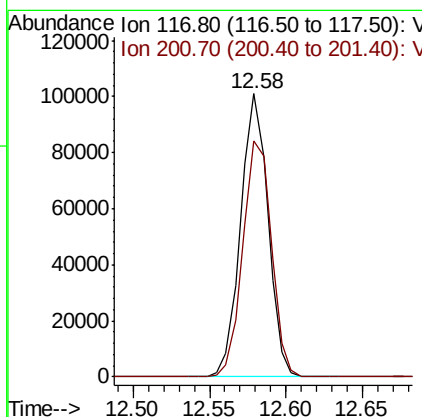
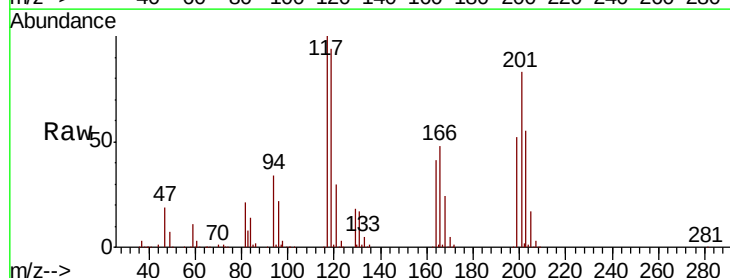
Instrument :
MSVOA_X
ClientSampleId :

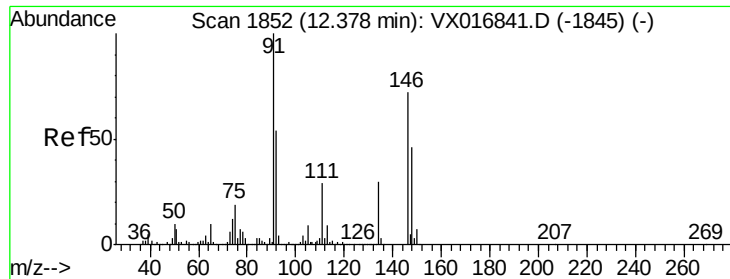
Tot Ion: 91 Resp: 622198
Ion Ratio Lower Upper
91 100
92 54.7 27.4 82.2
134 27.6 13.9 41.6



#90
Hexachloroethane
Concen: 53.476 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Tgt Ion: 117 Resp: 125527
Ion Ratio Lower Upper
117 100
201 87.1 44.9 134.5

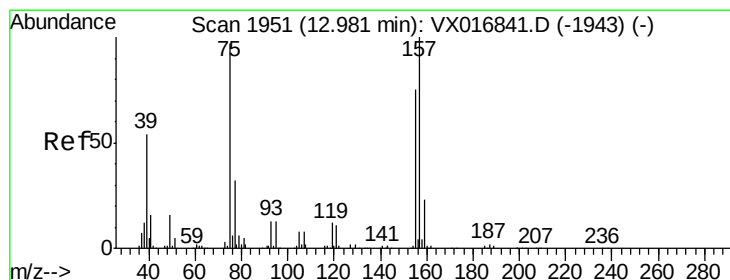
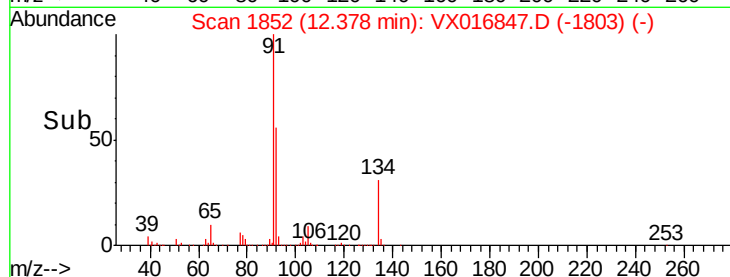
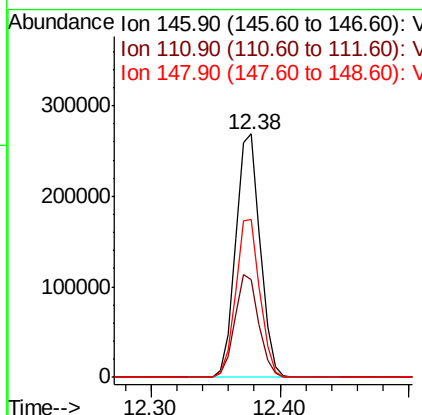
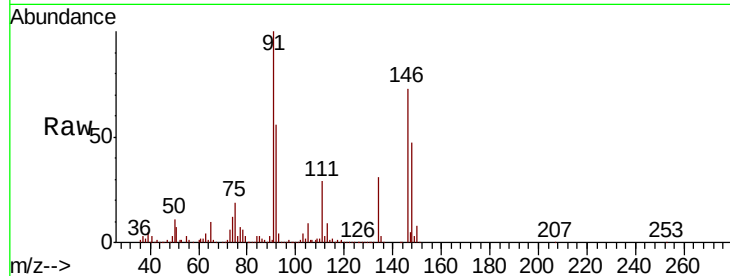




#91
 1,2-Dichlorobenzene
 Concen: 51.391 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016847.D
 Acq: 18 Jun 2020 18:37

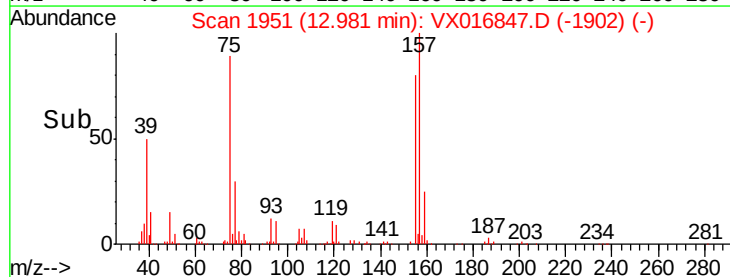
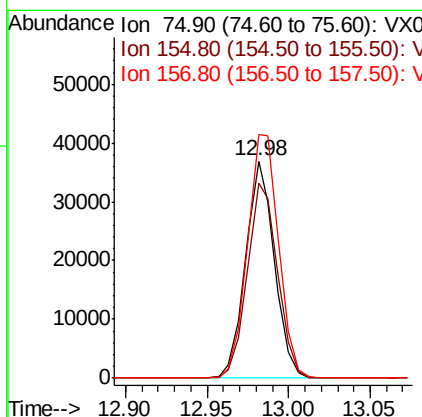
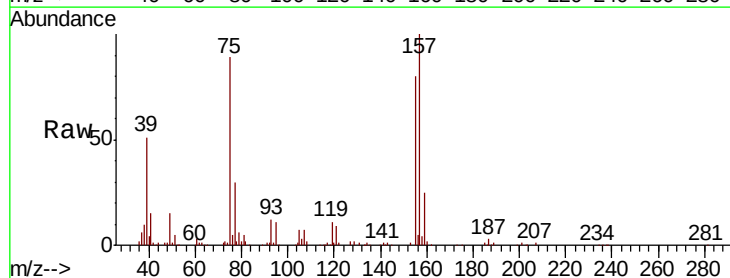
Instrument :
 MSVOA_X
 ClientSampleId :

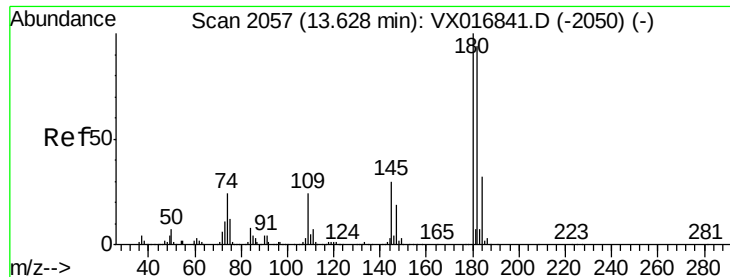
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.4	20.9	62.7
148	64.3	32.9	98.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.412 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016847.D
 Acq: 18 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	94.2	46.4	139.1
157	121.2	58.6	175.8

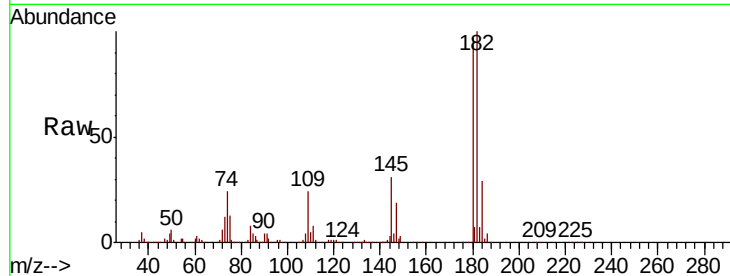




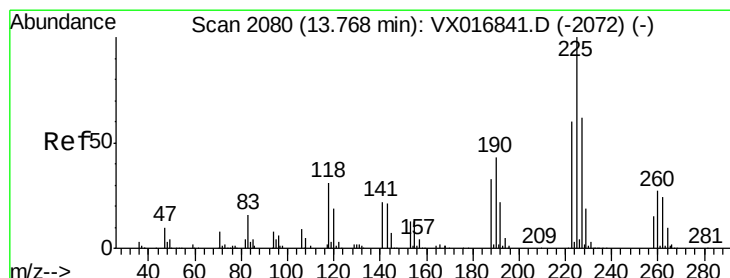
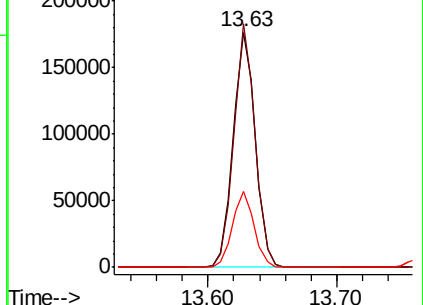
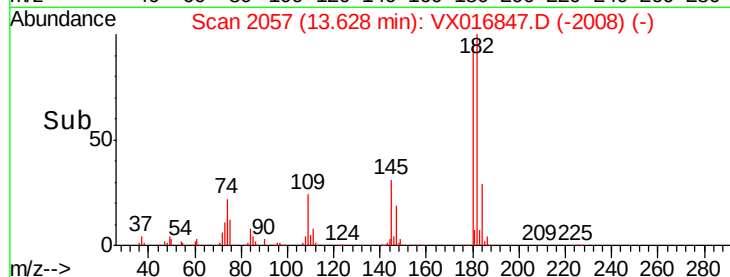
#93
 1,2,4-Trichlorobenzene
 Concen: 45.817 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016847.D
 Acq: 18 Jun 2020 18:37

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
180	100		
182	99.2	47.7	143.1
145	31.5	15.0	45.1

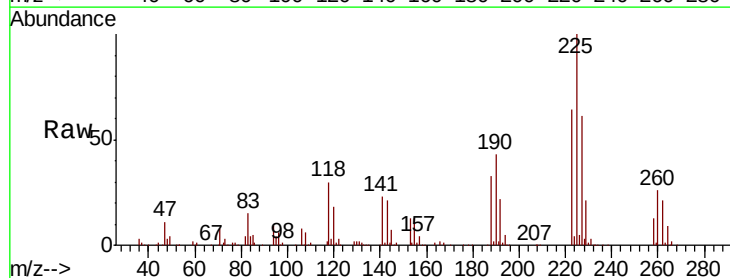


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

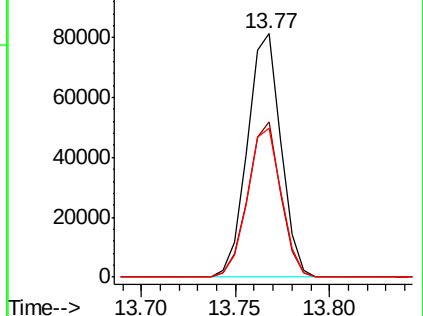
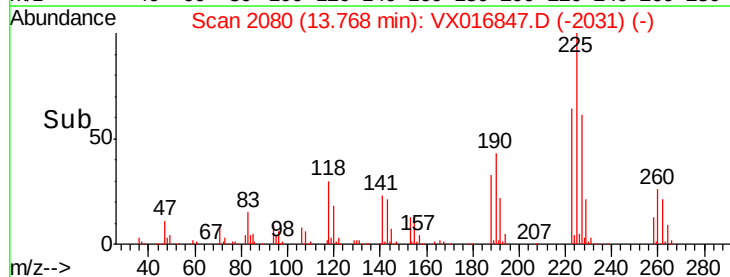


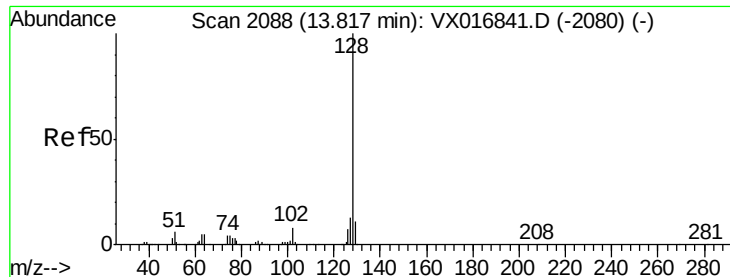
#94
 Hexachlorobutadiene
 Concen: 47.978 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016847.D
 Acq: 18 Jun 2020 18:37

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.4	32.1	96.5
227	61.7	32.3	96.8



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

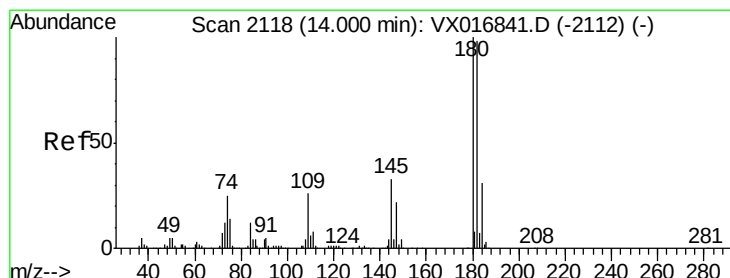
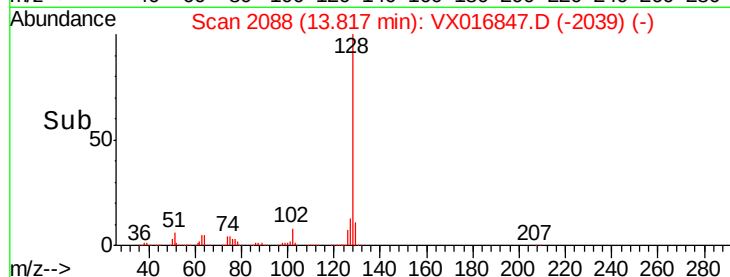
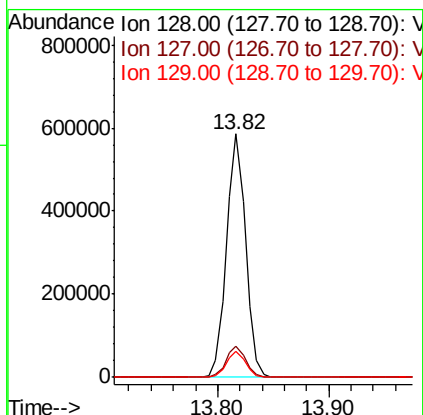
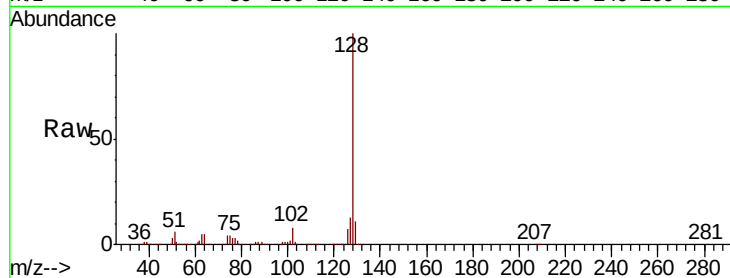




#95
Naphthalene
Concen: 51.066 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 694660
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.343 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016847.D
Acq: 18 Jun 2020 18:37

Tgt Ion:180 Resp: 218760
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.3
145 31.9 16.0 48.0

