

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016849.D
 Acq On : 18 Jun 2020 20:07
 Operator : JC/SP
 Sample : VX0618WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 19 03:01:31 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	270506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	521022	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	393227	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206768	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	173325	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
35) Dibromofluoromethane	5.46	113	128046	38.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.84%	
50) Toluene-d8	8.70	98	485264	36.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.78%	
62) 4-Bromofluorobenzene	11.12	95	184573	36.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.26%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	76606	20.629	ug/l	98
3) Chloromethane	1.31	50	76263	22.656	ug/l	100
4) Vinyl Chloride	1.39	62	80831	21.306	ug/l	99
5) Bromomethane	1.63	94	54207	21.916	ug/l	99
6) Chloroethane	1.72	64	47277	20.234	ug/l	99
7) Trichlorofluoromethane	1.92	101	107455	20.247	ug/l	99
8) Diethyl Ether	2.17	74	41598	20.159	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	48654	17.211	ug/l	99
10) Methyl Iodide	2.50	142	49565	18.417	ug/l	98
11) Tert butyl alcohol	3.01	59	56926	103.506	ug/l	99
12) 1,1-Dichloroethene	2.36	96	50374	17.426	ug/l	99
13) Acrolein	2.27	56	29768	89.273	ug/l	98
14) Allyl chloride	2.71	41	77932	20.381	ug/l	97
15) Acrylonitrile	3.12	53	132726	105.311	ug/l	100
16) Acetone	2.42	43	104984	93.927	ug/l	99
17) Carbon Disulfide	2.55	76	141985	19.006	ug/l	98
18) Methyl Acetate	2.75	43	65458	21.796	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	171816	20.856	ug/l	99
20) Methylene Chloride	2.84	84	55348	19.543	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	54609	20.013	ug/l	98
22) Diisopropyl ether	3.82	45	152309	20.790	ug/l	99
23) Vinyl Acetate	3.79	43	631632	104.559	ug/l	99
24) 1,1-Dichloroethane	3.67	63	92831	20.286	ug/l	98
25) 2-Butanone	4.64	43	170713	105.030	ug/l	99
26) 2,2-Dichloropropane	4.55	77	80724	18.828	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	60810	19.827	ug/l	100
28) Bromochloromethane	4.98	49	38676	20.363	ug/l	99
29) Tetrahydrofuran	5.09	42	111048	108.482	ug/l	99
30) Chloroform	5.18	83	96299	19.933	ug/l	95
31) Cyclohexane	5.55	56	82844	20.592	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	91892	20.096	ug/l	100
36) 1,1-Dichloropropene	5.77	75	80830	16.802	ug/l	98
37) Ethyl Acetate	4.79	43	69629	16.381	ug/l	99
38) Carbon Tetrachloride	5.75	117	86172	15.964	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 19 03:01:31 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	102068	18.247	ug/l	98
40) Benzene	6.12	78	275881	19.112	ug/l	100
41) Methacrylonitrile	5.00	41	37573	16.282	ug/l	99
42) 1,2-Dichloroethane	6.16	62	94397	18.377	ug/l	99
43) Isopropyl Acetate	6.41	43	148664	20.028	ug/l	99
44) Trichloroethene	7.19	130	80392	18.185	ug/l	97
45) 1,2-Dichloropropane	7.49	63	64872	17.877	ug/l	96
46) Dibromomethane	7.64	93	40849	16.599	ug/l	98
47) Bromodichloromethane	7.88	83	77986	14.900	ug/l	97
48) Methyl methacrylate	7.74	41	56982	16.302	ug/l	99
49) 1,4-Dioxane	7.71	88	26803	342.565	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	336489	75.370	ug/l	99
52) Toluene	8.76	92	140504	14.673	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	84675	14.716	ug/l	95
54) cis-1,3-Dichloropropene	8.42	75	94104	15.288	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	55785	15.429	ug/l	99
56) Ethyl methacrylate	9.16	69	81428	15.557	ug/l	99
57) 1,3-Dichloropropane	9.35	76	92668	15.119	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	195859	72.195	ug/l	99
59) 2-Hexanone	9.47	43	249587	71.270	ug/l	98
60) Dibromochloromethane	9.57	129	65305	15.057	ug/l	100
61) 1,2-Dibromoethane	9.65	107	58609	14.937	ug/l	98
64) Tetrachloroethene	9.32	164	69851	19.183	ug/l	97
65) Chlorobenzene	10.12	112	151283	18.999	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	59721	19.352	ug/l	99
67) Ethyl Benzene	10.24	91	260508	19.390	ug/l	100
68) m/p-Xylenes	10.34	106	199104	38.084	ug/l	100
69) o-Xylene	10.68	106	96663	19.996	ug/l	99
70) Styrene	10.70	104	168112	20.467	ug/l	99
71) Bromoform	10.84	173	51174	19.723	ug/l #	100
73) Isopropylbenzene	11.00	105	261592	18.916	ug/l	100
74) N-amyl acetate	10.88	43	96745	20.811	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	72344	19.245	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	95427	25.214	ug/l	86
77) Bromobenzene	11.24	156	71118	19.588	ug/l	97
78) n-propylbenzene	11.34	91	289588	19.491	ug/l	100
79) 2-Chlorotoluene	11.40	91	176073	19.369	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	224834	18.765	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	27752	17.997	ug/l	98
82) 4-Chlorotoluene	11.49	91	209802	19.238	ug/l	100
83) tert-Butylbenzene	11.76	119	209989	18.477	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	227493	19.227	ug/l	99
85) sec-Butylbenzene	11.93	105	250332	18.966	ug/l	99
86) p-Isopropyltoluene	12.05	119	235564	19.479	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	126271	19.036	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	126118	18.800	ug/l	98
89) n-Butylbenzene	12.37	91	193607	18.524	ug/l	100
90) Hexachloroethane	12.58	117	45760	21.006	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	118991	18.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17022	19.097	ug/l	95

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

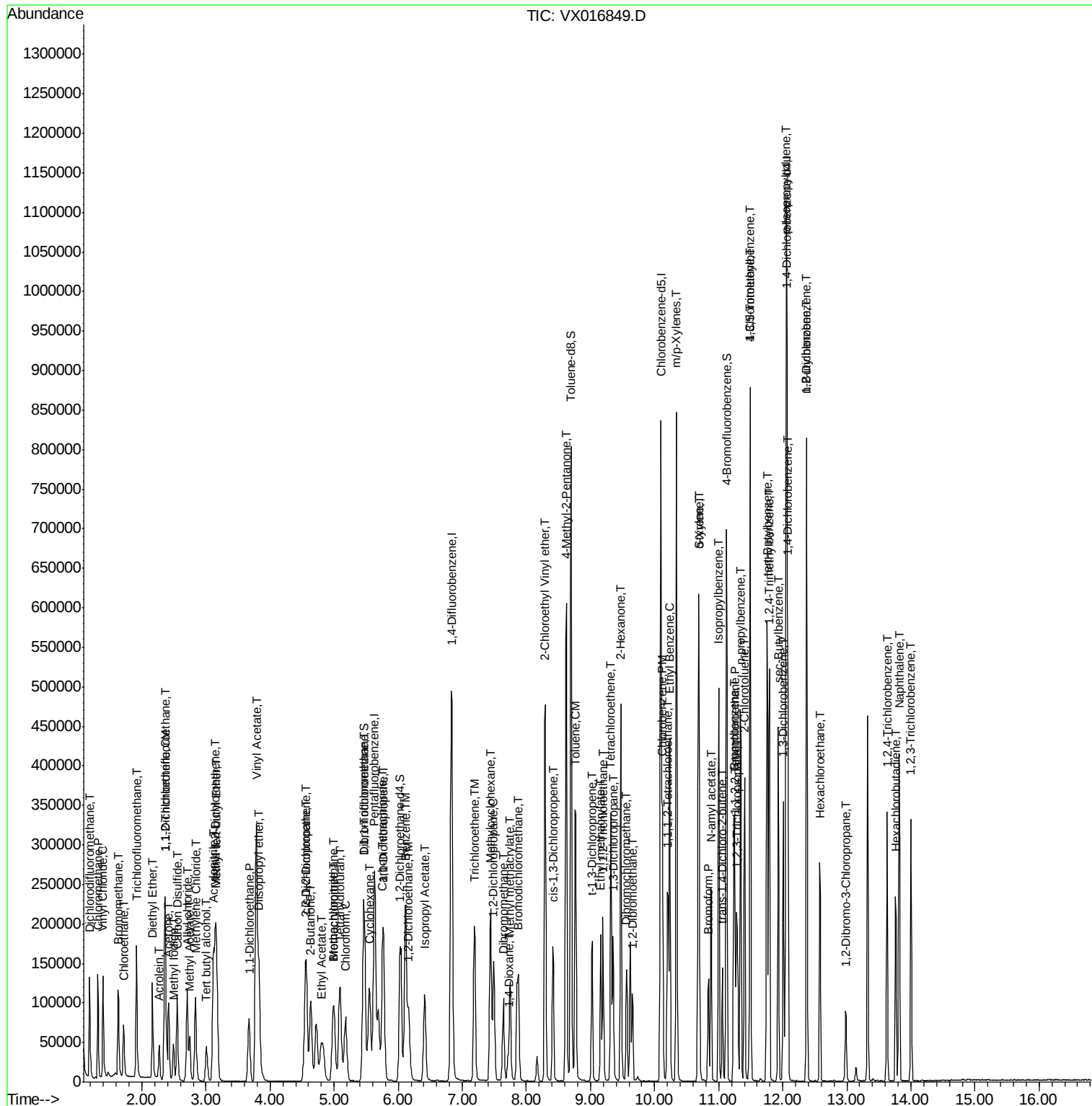
Instrument :
MSVOA_X
ClientSampleId :

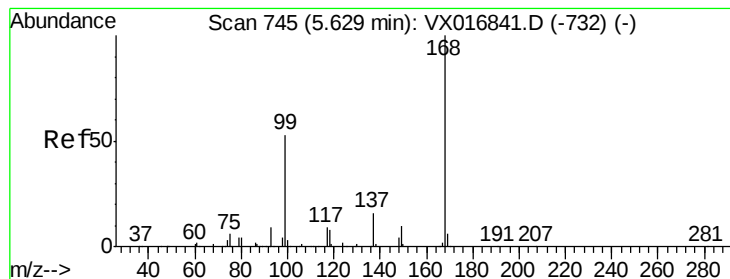
Quant Time: Jun 19 03:01:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 18 15:20:47 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	83264	19.364	ug/l	99
94) Hexachlorobutadiene	13.77	225	38099	19.635	ug/l	98
95) Naphthalene	13.82	128	259721	20.573	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	83971	19.582	ug/l	100

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

Quant Time: Jun 19 03:01:31 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

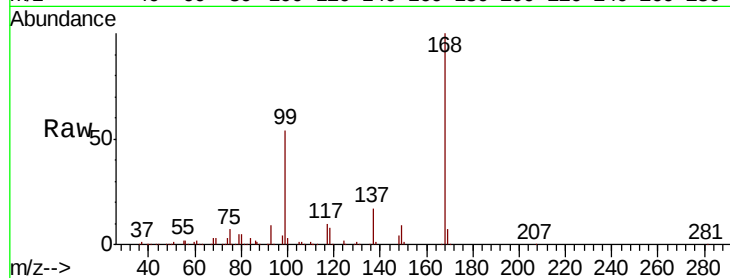
ClientSampleId :

Tot Ion:168 Resp: 270506

Ion Ratio Lower Upper

168 100

99 54.4 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

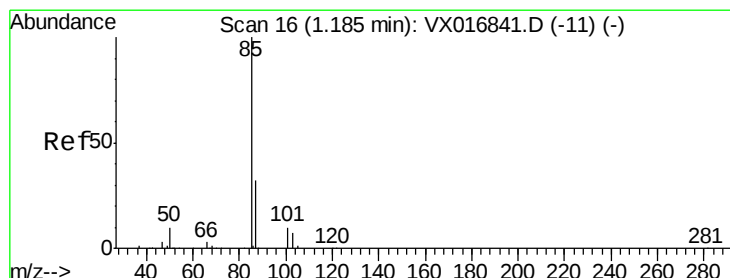
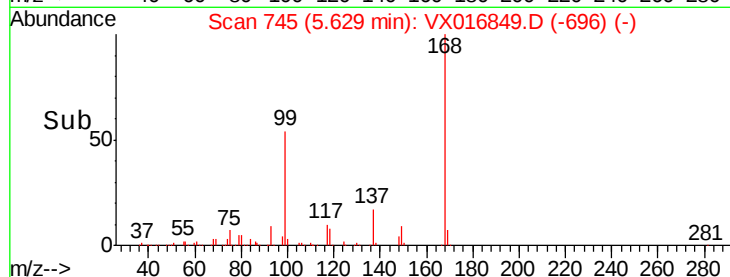
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 20.629 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016849.D

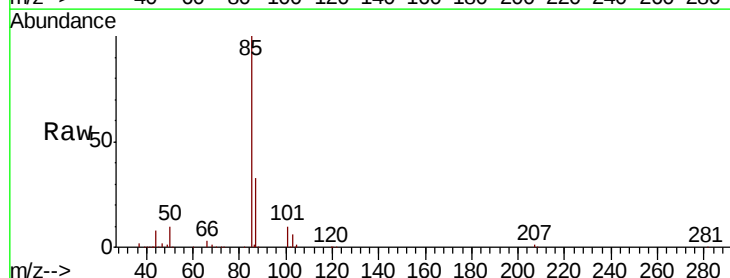
Acq: 18 Jun 2020 20:07

Tgt Ion: 85 Resp: 76606

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

80000

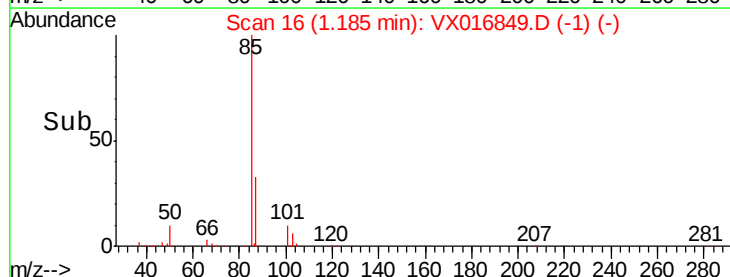
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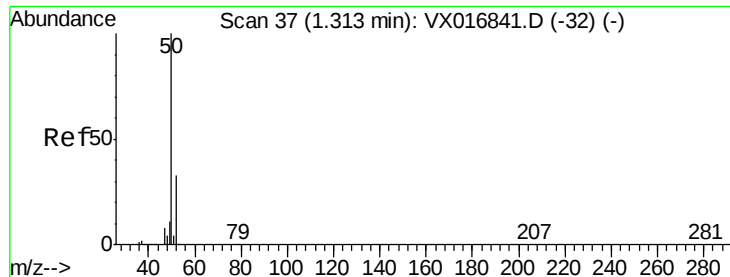
40000

20000

0

Time-->





#3

Chloromethane

Concen: 22.656 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

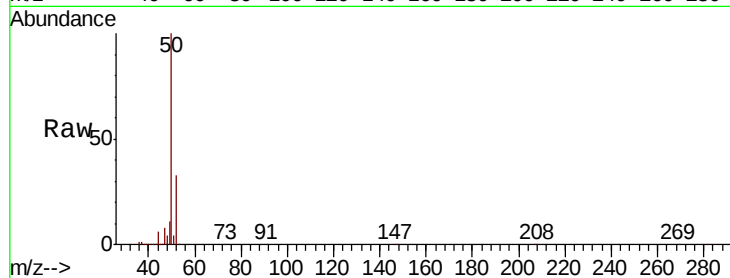
ClientSampleId :

Tot Ion: 50 Resp: 76263

Ion Ratio Lower Upper

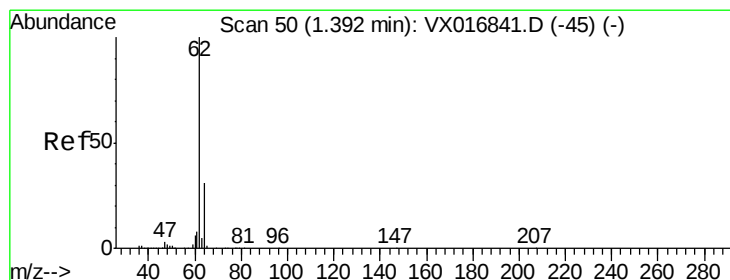
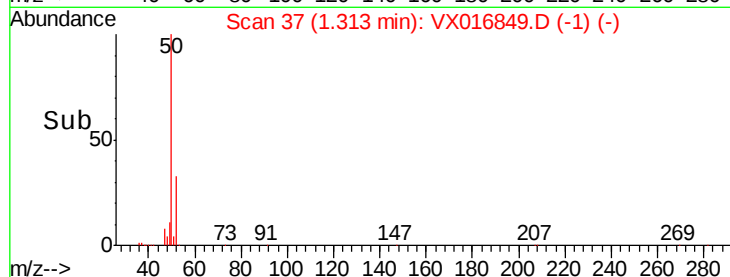
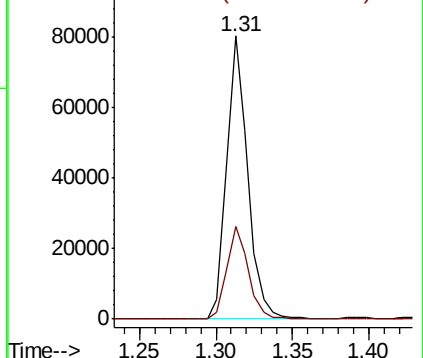
50 100

52 32.7 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 21.306 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016849.D

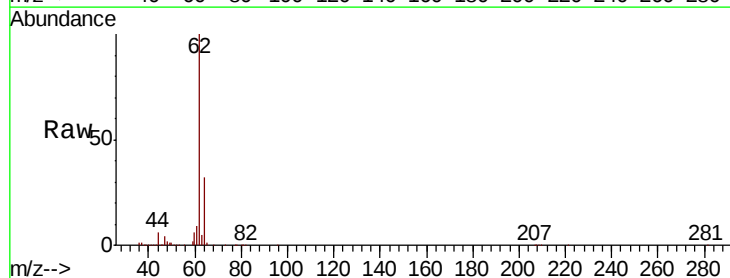
Acq: 18 Jun 2020 20:07

Tgt Ion: 62 Resp: 80831

Ion Ratio Lower Upper

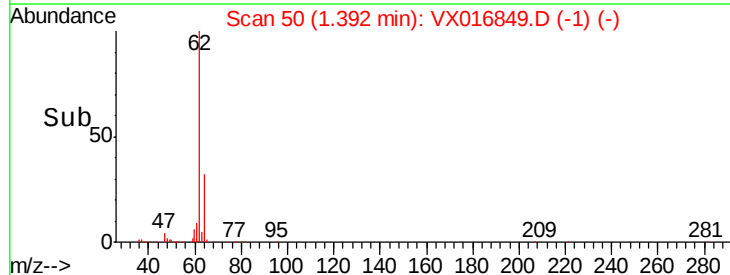
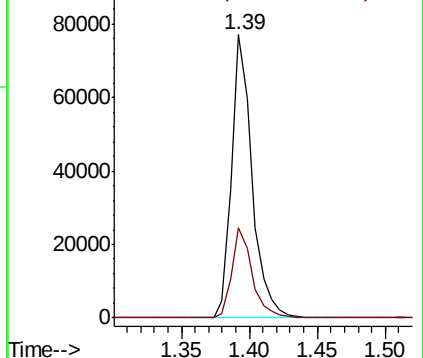
62 100

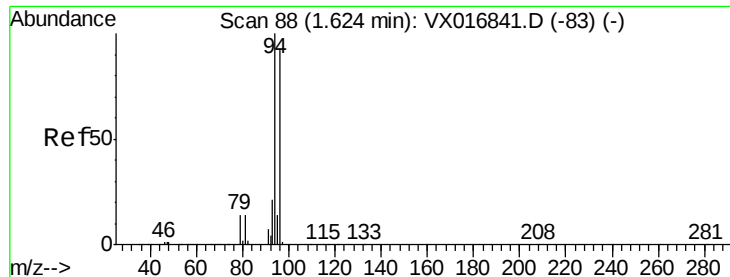
64 31.7 25.0 37.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.916 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

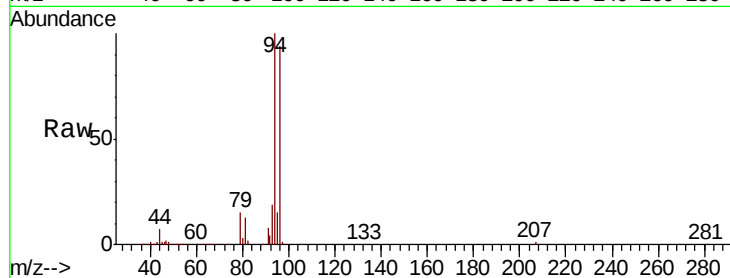
ClientSampled :

Tot Ion: 94 Resp: 54207

Ion Ratio Lower Upper

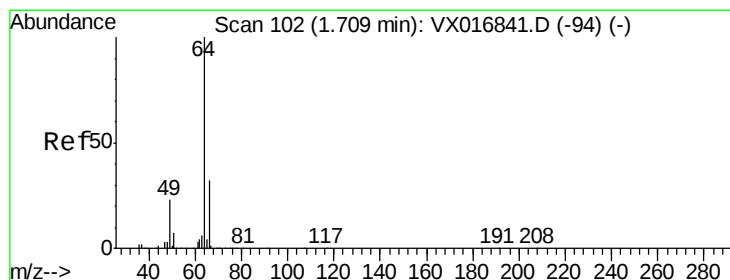
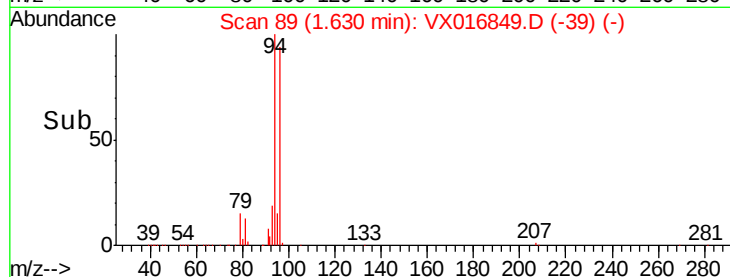
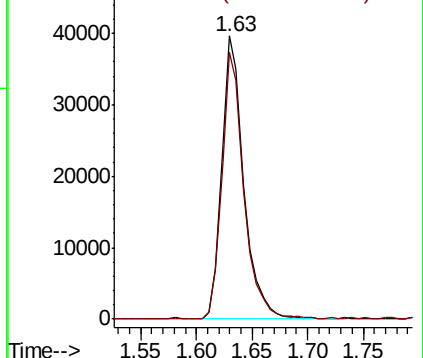
94 100

96 94.1 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.234 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016849.D

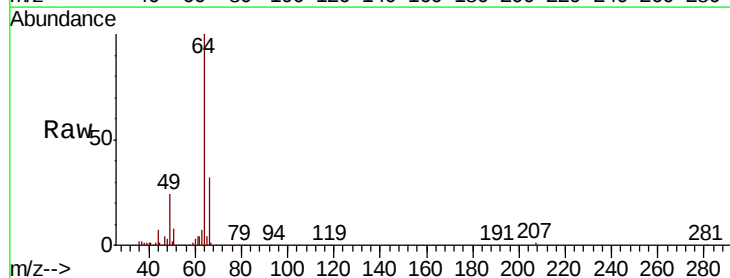
Acq: 18 Jun 2020 20:07

Tgt Ion: 64 Resp: 47277

Ion Ratio Lower Upper

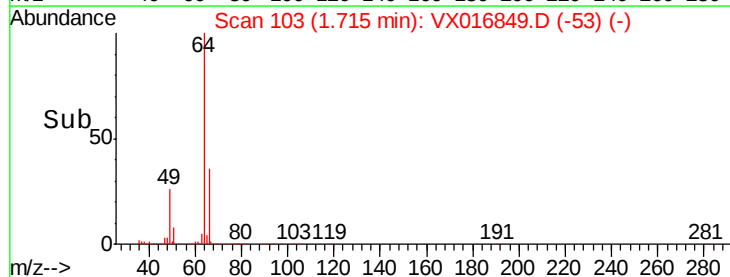
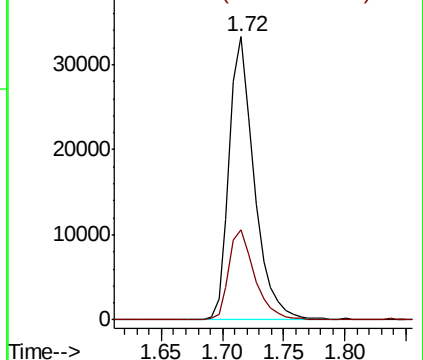
64 100

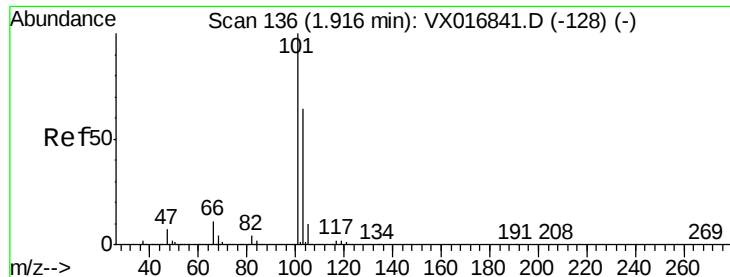
66 31.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



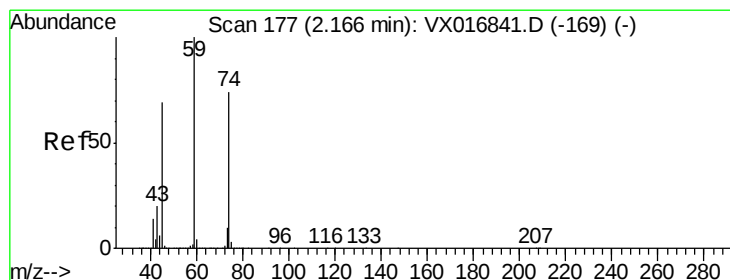
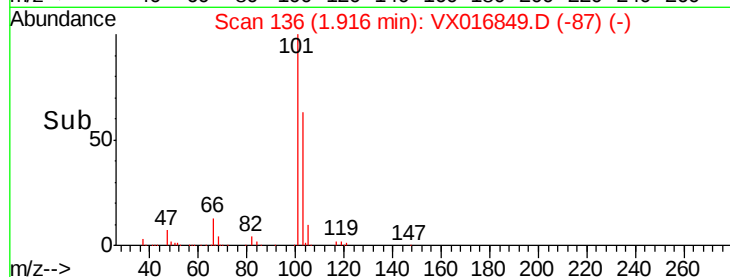
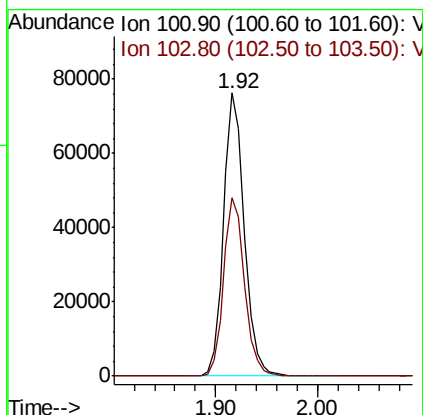
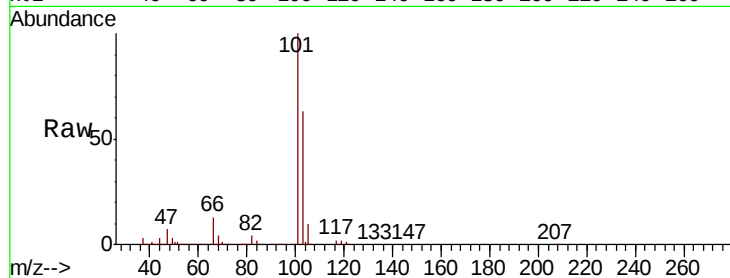


#7

Trichlorofluoromethane
Concen: 20.247 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :

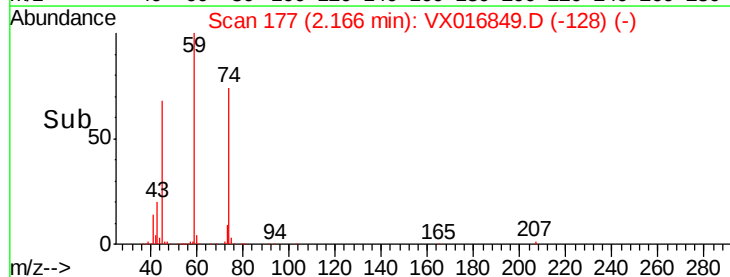
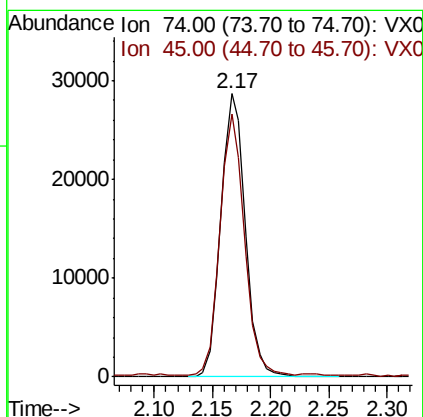
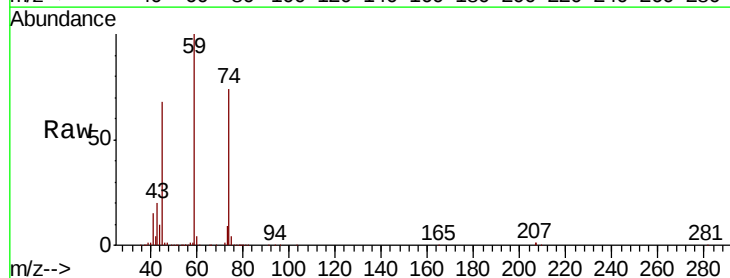
Tot Ion:101 Resp: 107455
Ion Ratio Lower Upper
101 100
103 63.1 51.2 76.8

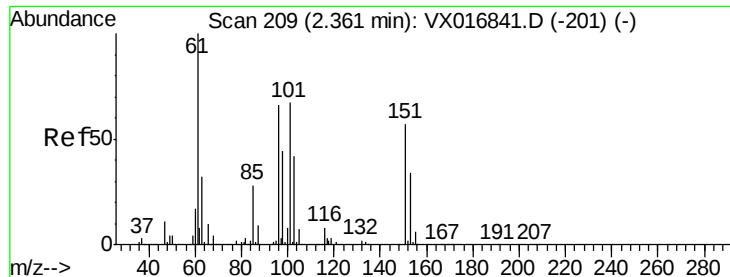


#8

Diethyl Ether
Concen: 20.159 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion: 74 Resp: 41598
Ion Ratio Lower Upper
74 100
45 92.0 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.211 ug/l

RT: 2.37 min Scan# 210

Delta R.T. 0.01 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

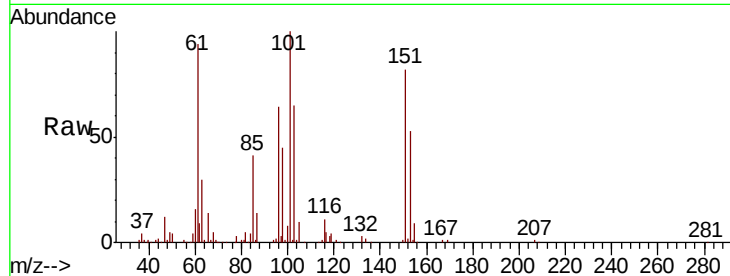
Tot Ion:101 Resp: 48654

Ion Ratio Lower Upper

101 100

85 41.9 34.3 51.5

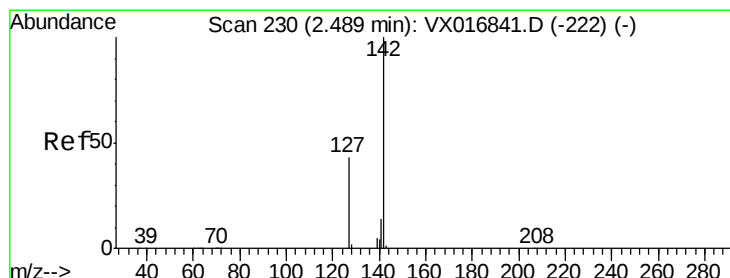
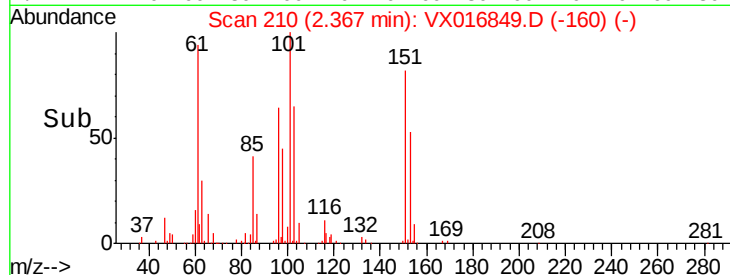
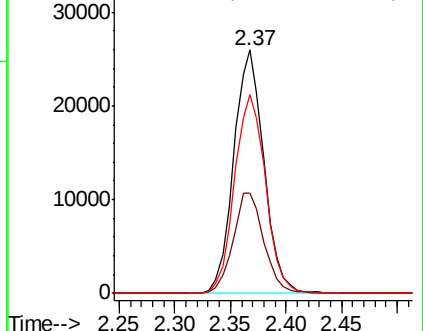
151 83.9 67.6 101.4



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: 18.417 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

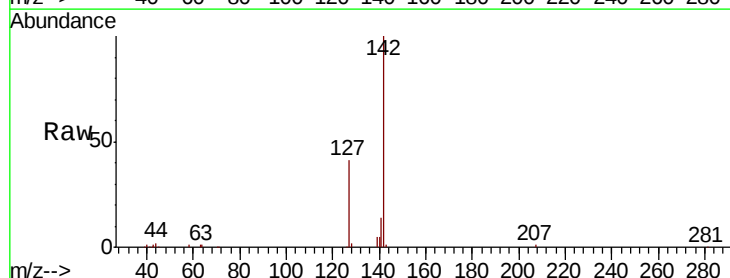
Tgt Ion:142 Resp: 49565

Ion Ratio Lower Upper

142 100

127 42.1 35.1 52.7

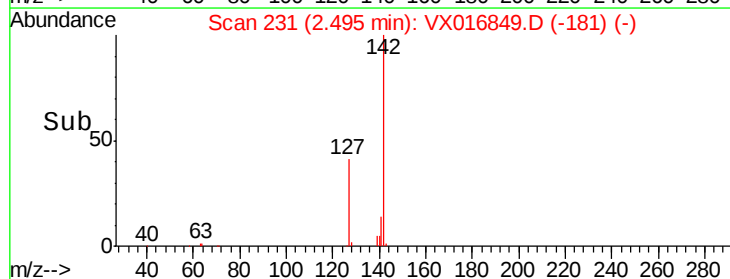
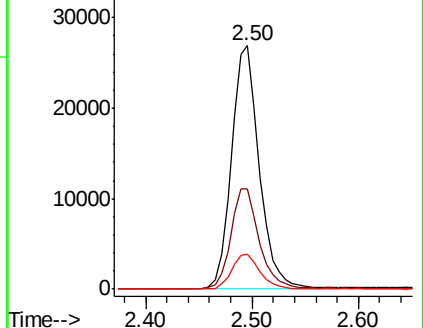
141 14.5 11.6 17.4

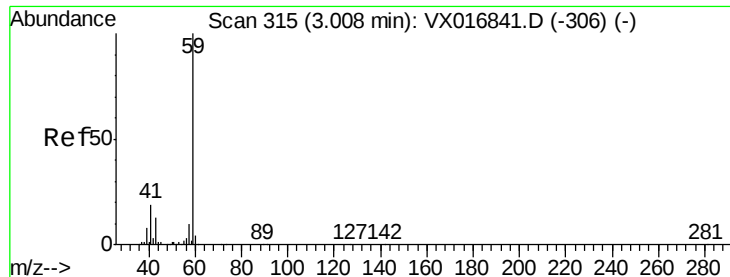


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

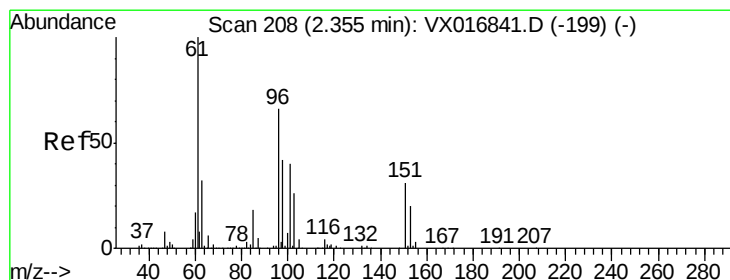
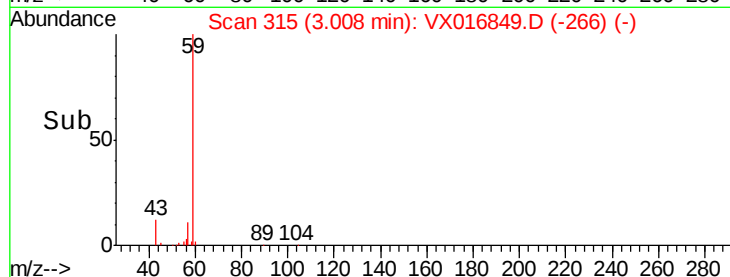
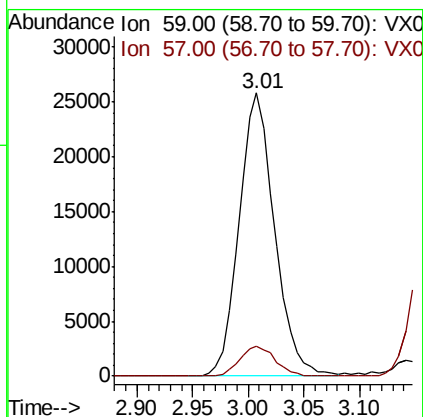
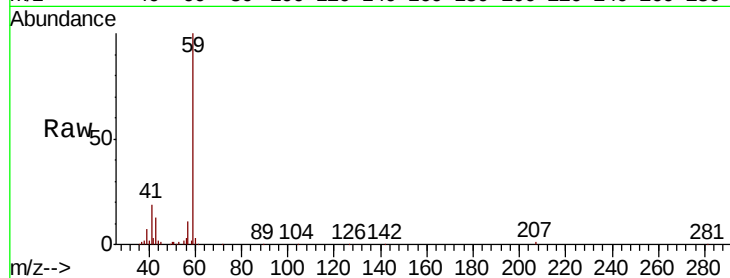




#11
Tert butyl alcohol
Concen: 103.506 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

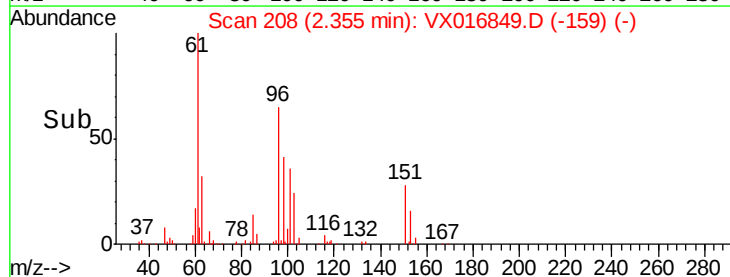
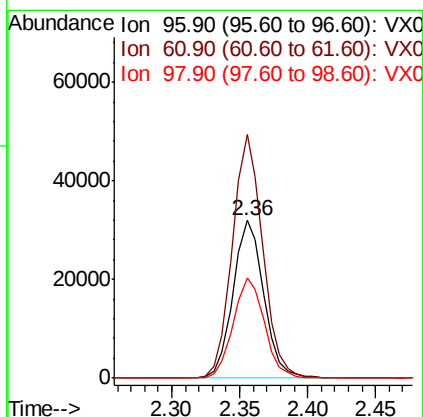
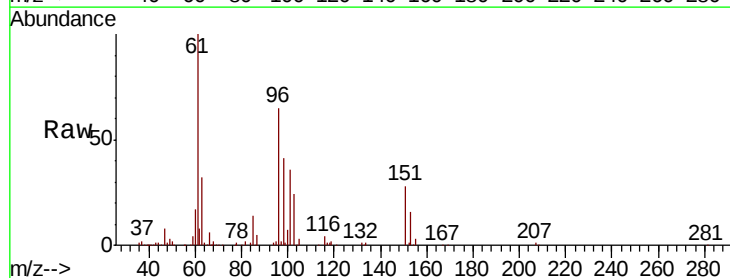
Instrument :
MSVOA_X
ClientSampleId :

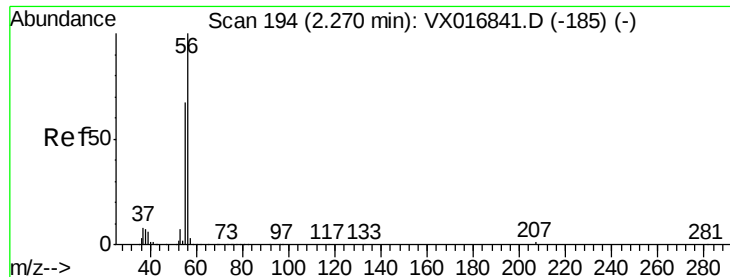
Tot Ion: 59 Resp: 56926
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6



#12
1,1-Dichloroethene
Concen: 17.426 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion: 96 Resp: 50374
Ion Ratio Lower Upper
96 100
61 154.3 121.7 182.5
98 63.3 51.1 76.7





#13

Acrolein

Concen: 89.273 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

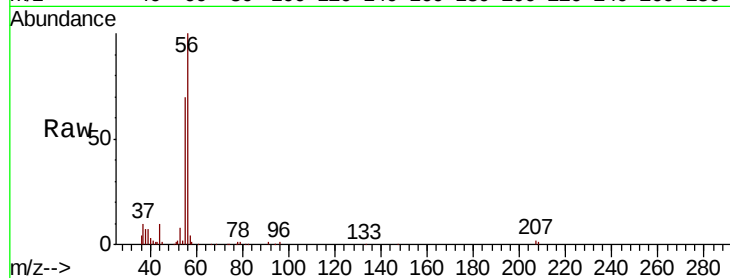
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 29768

Ion Ratio Lower Upper

56 100

55 71.0 55.7 83.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

20000

15000

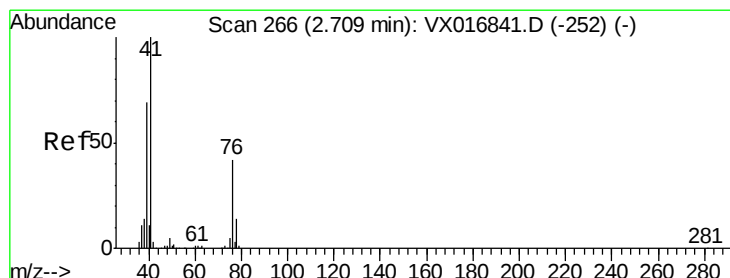
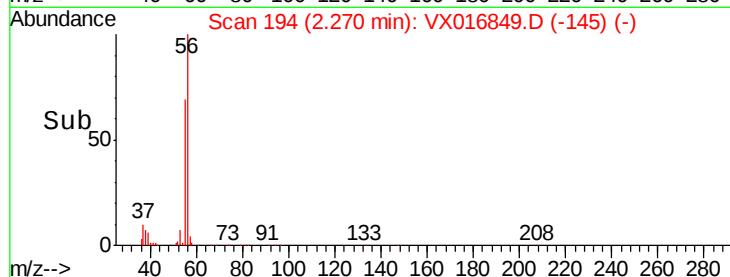
10000

5000

0

2.20 2.25 2.30 2.35 2.40

Time-->



#14

Allyl chloride

Concen: 20.381 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

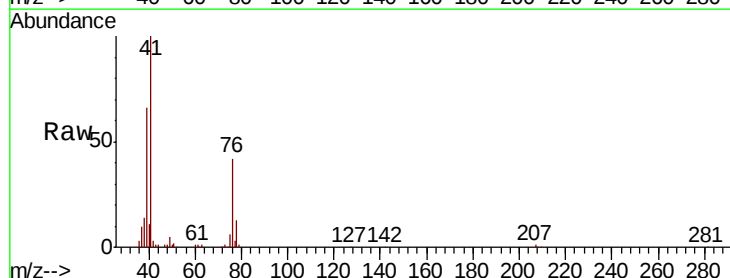
Tgt Ion: 41 Resp: 77932

Ion Ratio Lower Upper

41 100

39 61.0 50.7 76.1

76 37.7 30.9 46.3



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

100000

80000

60000

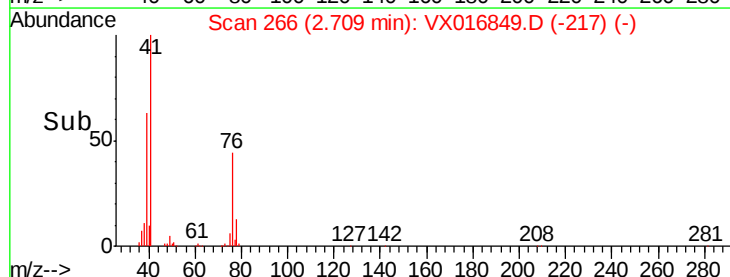
40000

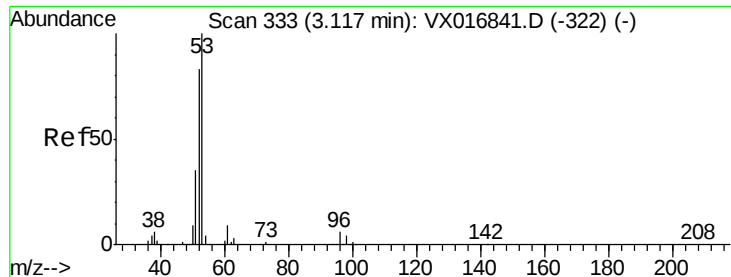
20000

0

2.60 2.70 2.80

Time-->

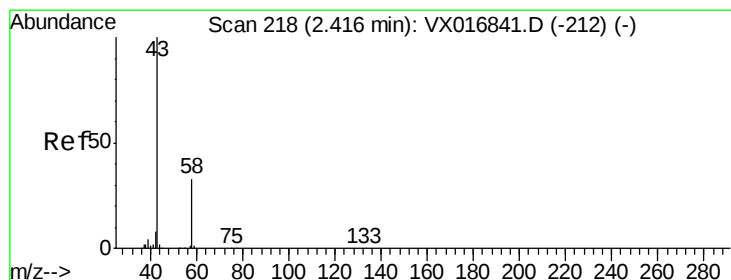
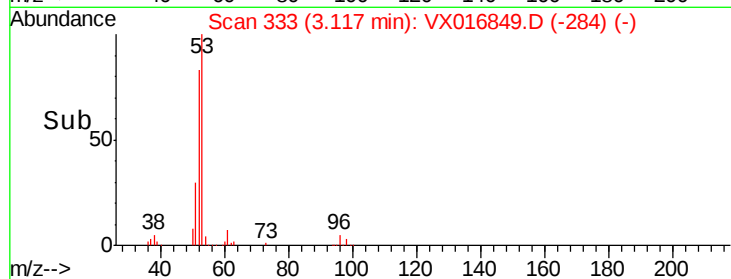
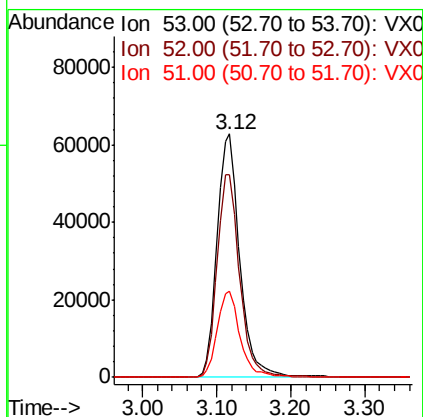
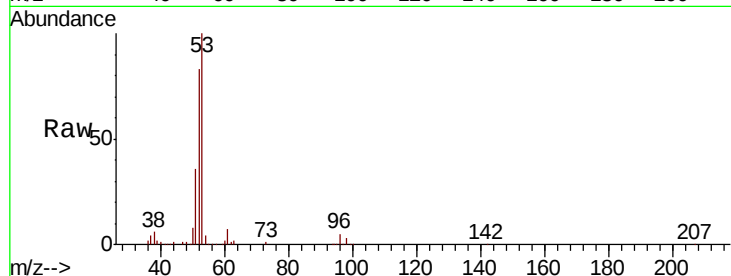




#15
 Acrylonitrile
 Concen: 105.311 ug/l
 RT: 3.12 min Scan# 333
 Delta R.T. -0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

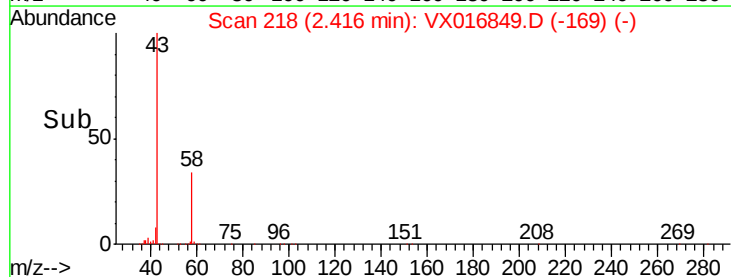
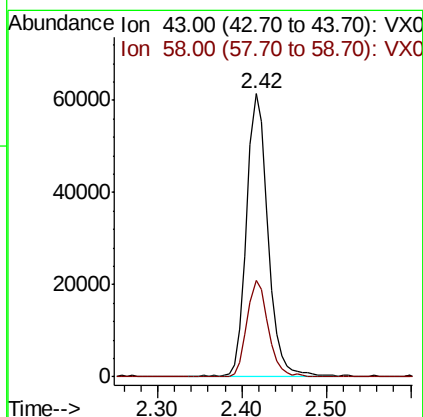
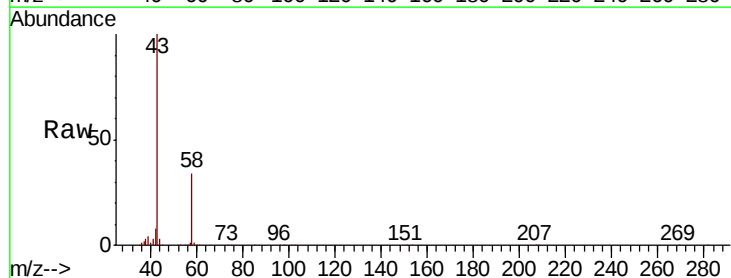
Instrument :
 MSVOA_X
 ClientSampleId :

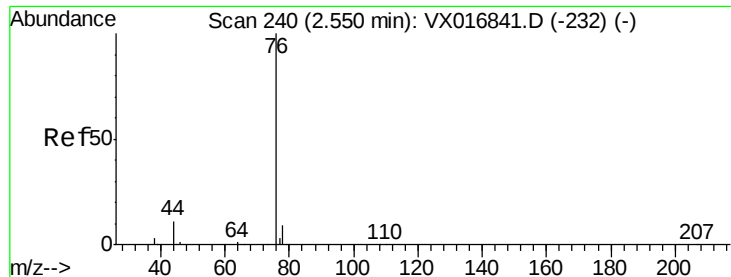
Tot Ion: 53 Resp: 132726
 Ion Ratio Lower Upper
 53 100
 52 82.7 66.2 99.2
 51 35.8 28.7 43.1



#16
 Acetone
 Concen: 93.927 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Tgt Ion: 43 Resp: 104984
 Ion Ratio Lower Upper
 43 100
 58 34.0 26.6 39.8

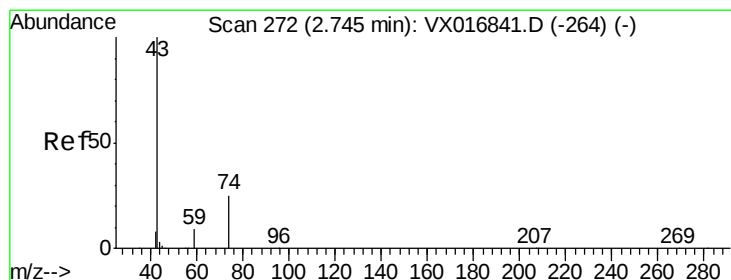
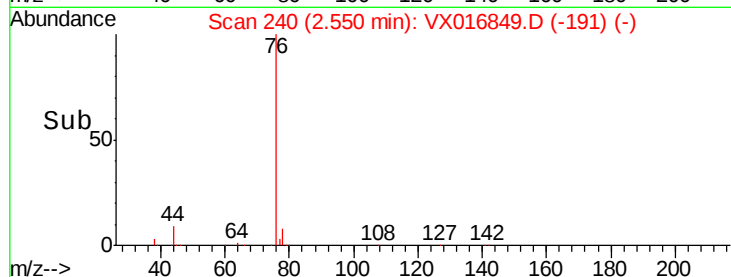
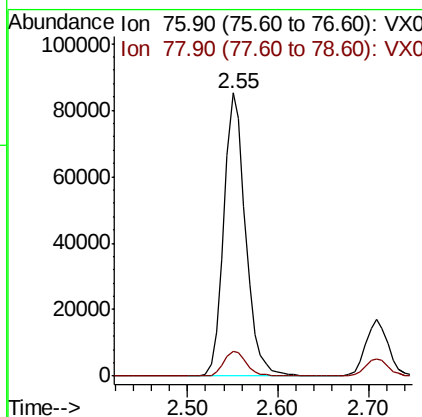
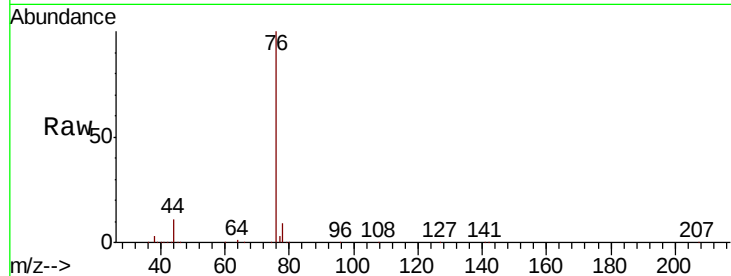




#17
Carbon Disulfide
Concen: 19.006 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

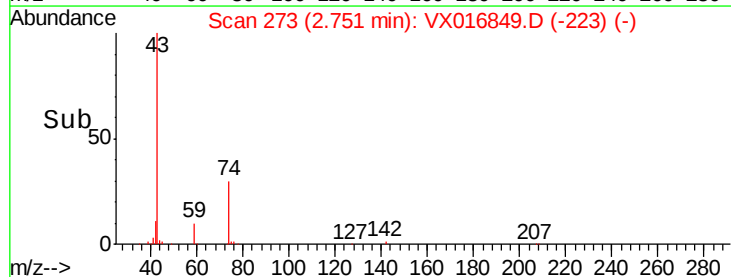
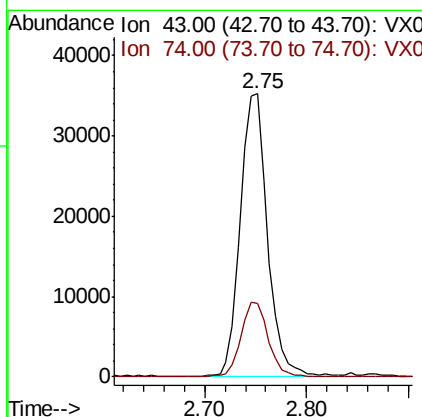
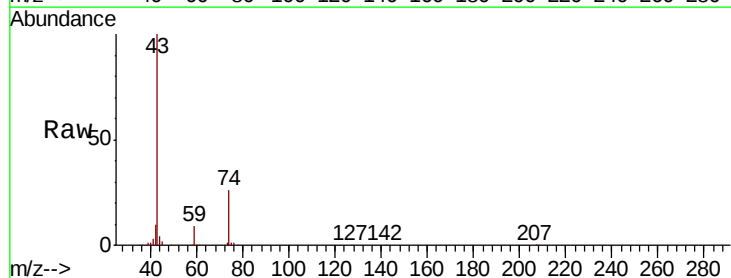
Instrument :
MSVOA_X
ClientSampleId :

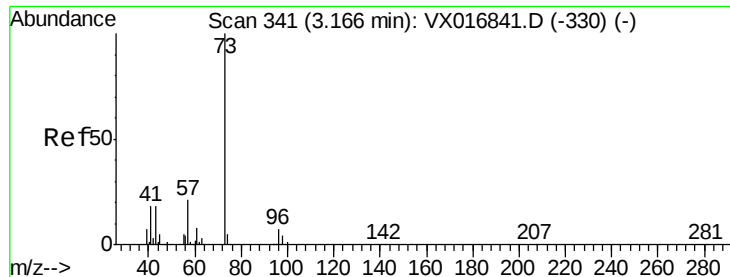
Tot Ion: 76 Resp: 141985
Ion Ratio Lower Upper
76 100
78 8.7 7.5 11.3



#18
Methyl Acetate
Concen: 21.796 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion: 43 Resp: 65458
Ion Ratio Lower Upper
43 100
74 26.5 21.8 32.8



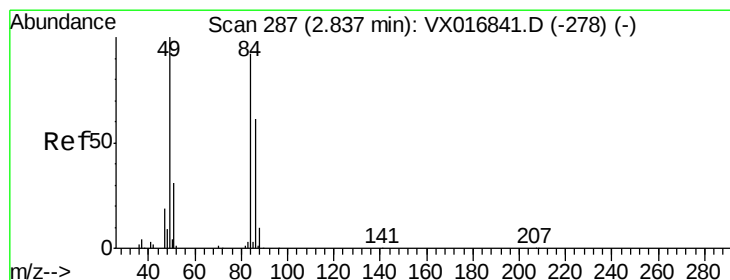
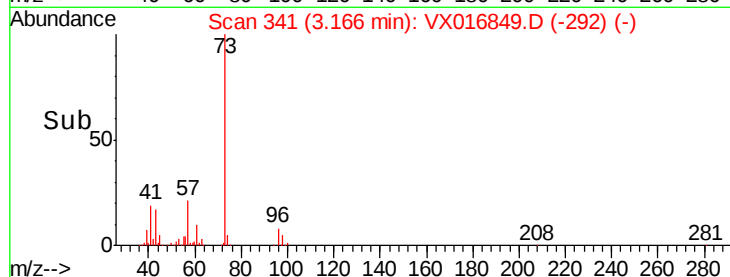
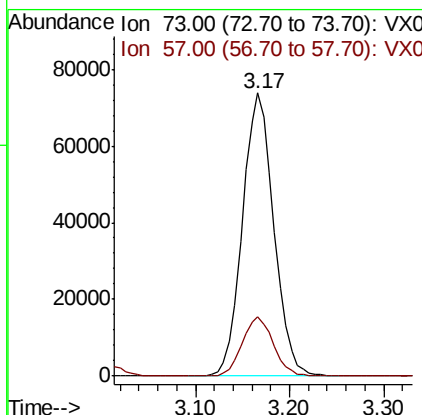
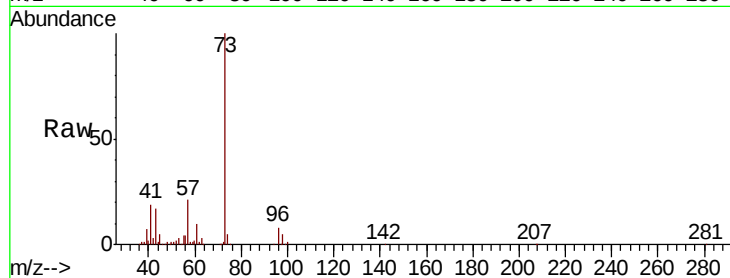


#19

Methyl tert-butyl Ether
 Concen: 20.856 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Instrument :
 MSVOA_X
 ClientSampleId :

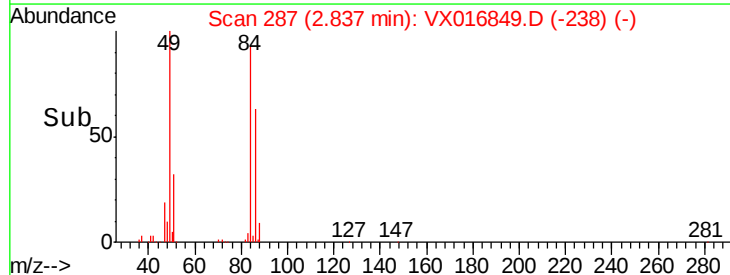
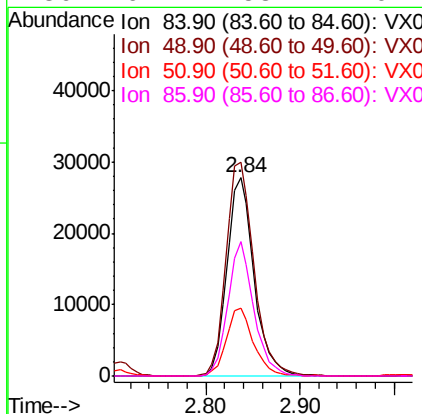
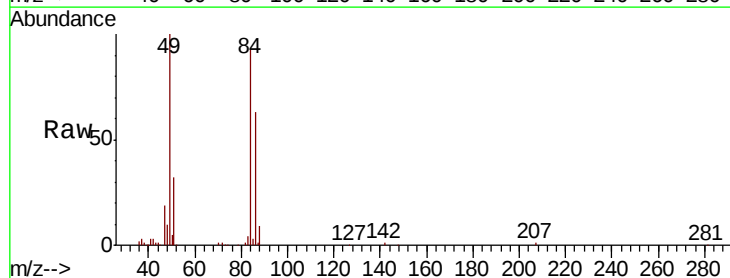
Tot Ion: 73 Resp: 171816
 Ion Ratio Lower Upper
 73 100
 57 20.8 16.9 25.3

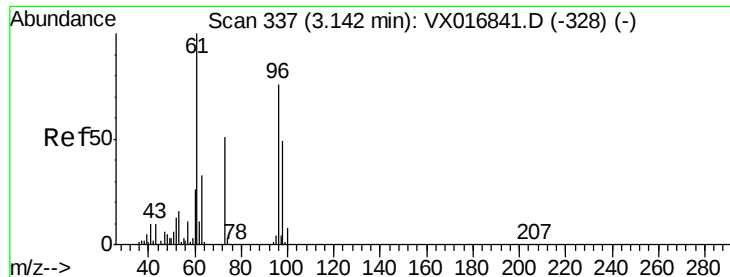


#20

Methylene Chloride
 Concen: 19.543 ug/l
 RT: 2.84 min Scan# 287
 Delta R.T. -0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Tgt Ion: 84 Resp: 55348
 Ion Ratio Lower Upper
 84 100
 49 107.7 86.6 129.8
 51 34.4 27.1 40.7
 86 67.7 53.1 79.7





#21

trans-1,2-Dichloroethene

Concen: 20.013 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

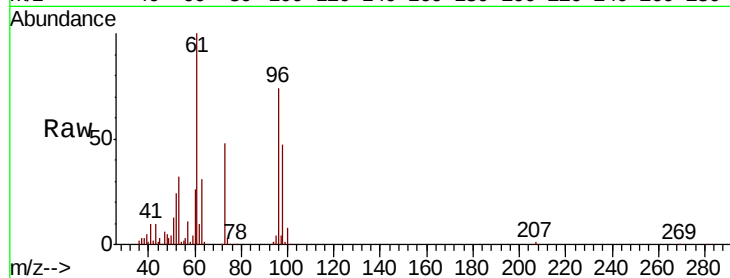
Tot Ion: 96 Resp: 54609

Ion Ratio Lower Upper

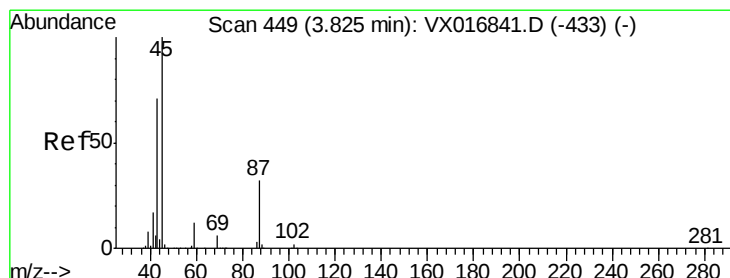
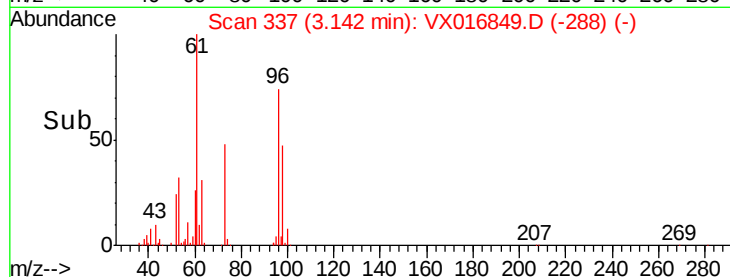
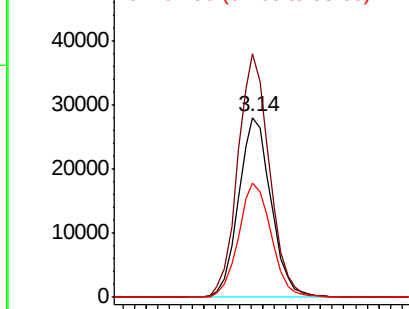
96 100

61 135.5 105.4 158.0

98 63.9 51.3 76.9



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



#22

Diisopropyl ether

Concen: 20.790 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Tgt Ion: 45 Resp: 152309

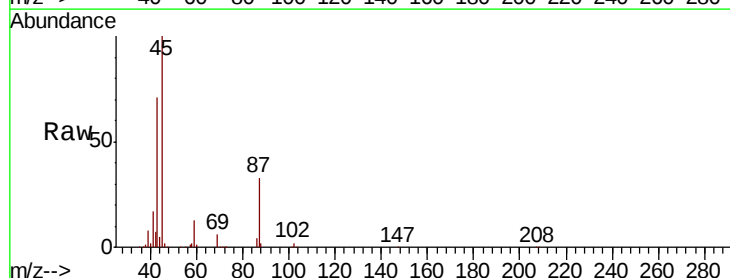
Ion Ratio Lower Upper

45 100

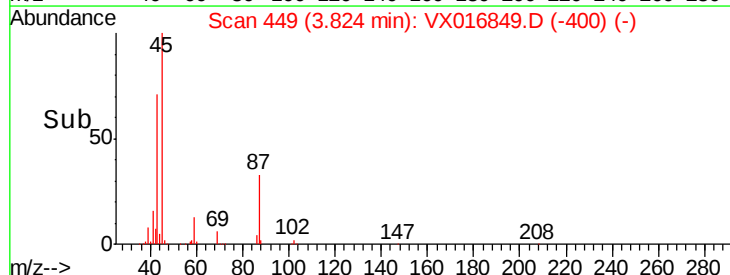
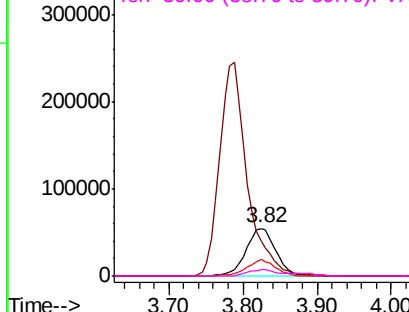
43 71.1 57.0 85.4

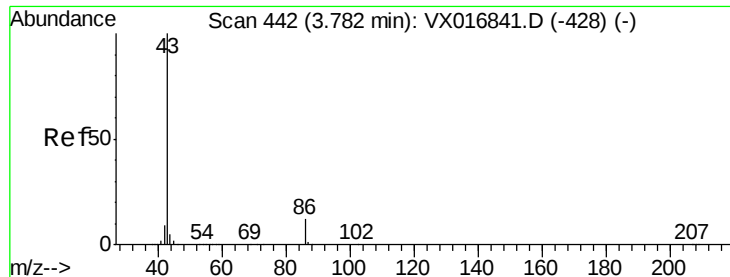
87 33.5 25.2 37.8

59 13.4 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 104.559 ug/l

RT: 3.79 min Scan# 443

Delta R.T. 0.01 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

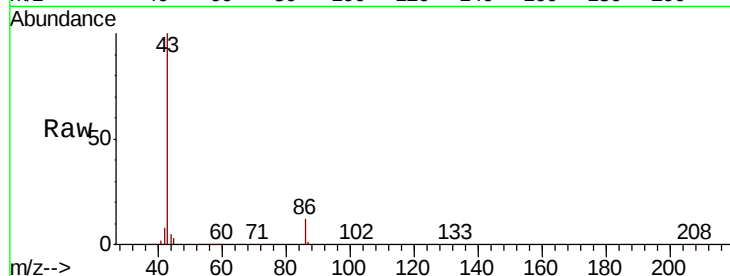
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 631632

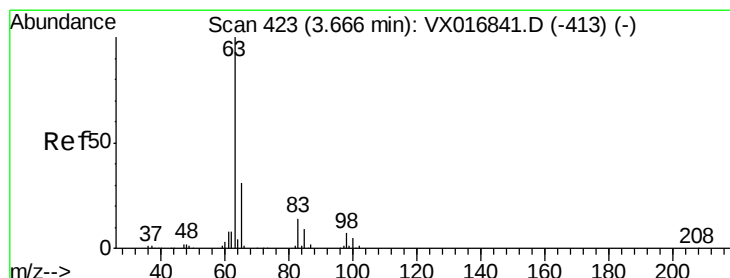
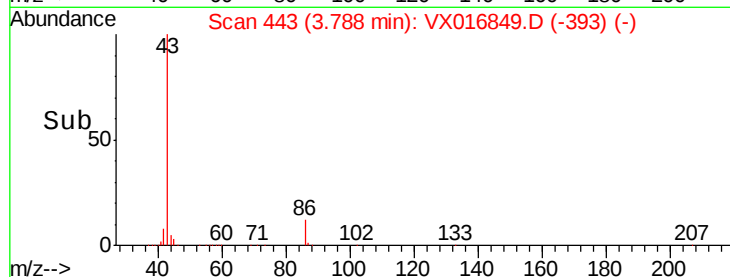
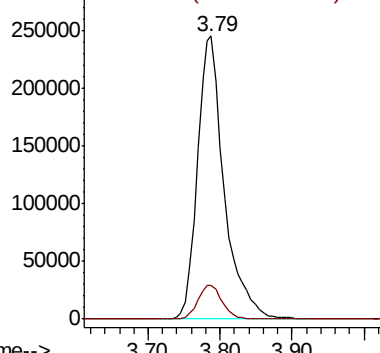
Ion Ratio Lower Upper

43 100

86 12.2 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: 20.286 ug/l

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

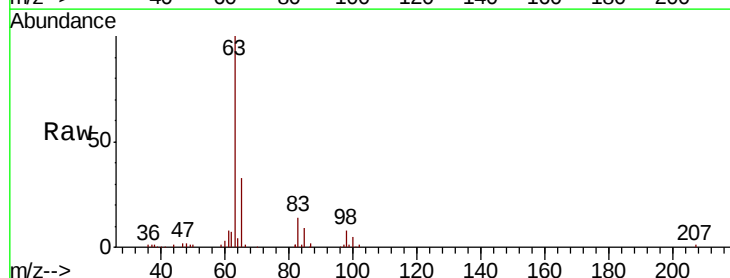
Tgt Ion: 63 Resp: 92831

Ion Ratio Lower Upper

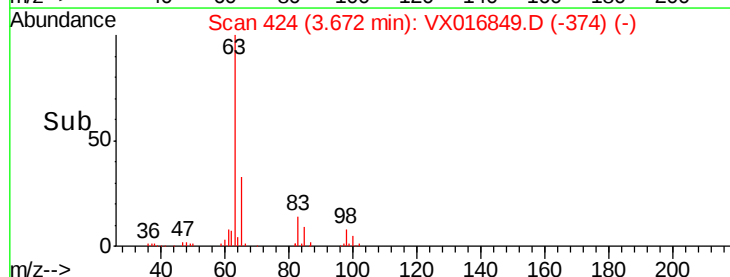
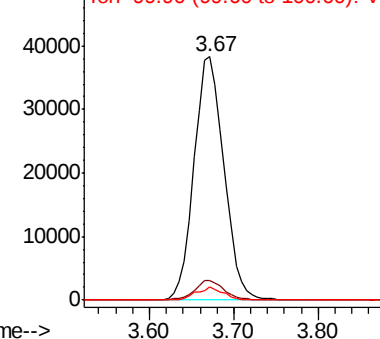
63 100

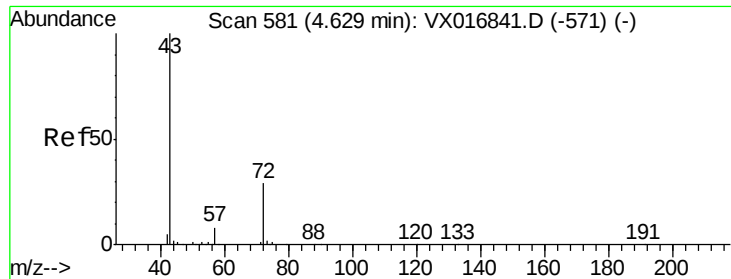
98 7.8 3.6 10.9

100 5.2 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: 105.030 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

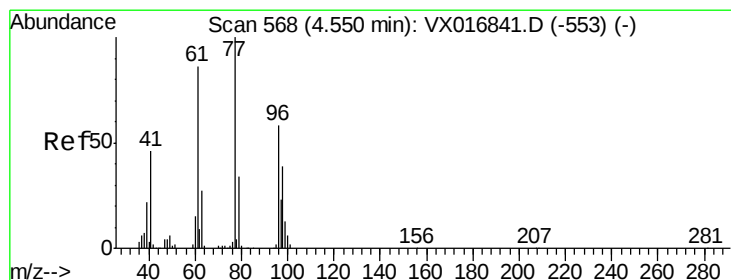
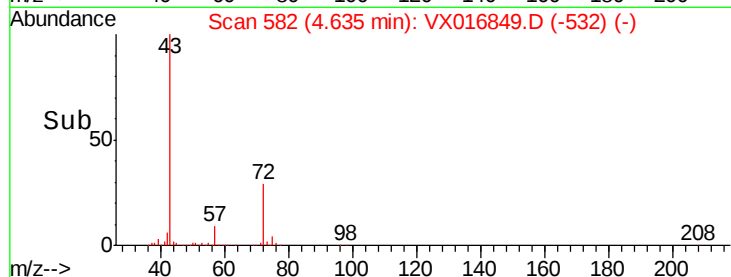
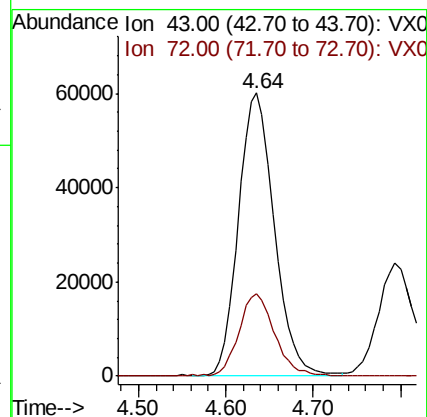
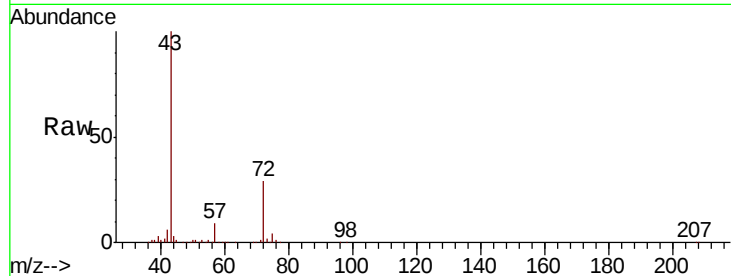
ClientSampleId :

Tot Ion: 43 Resp: 170713

Ion Ratio Lower Upper

43 100

72 28.9 23.5 35.3



#26

2,2-Dichloropropane

Concen: 18.828 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016849.D

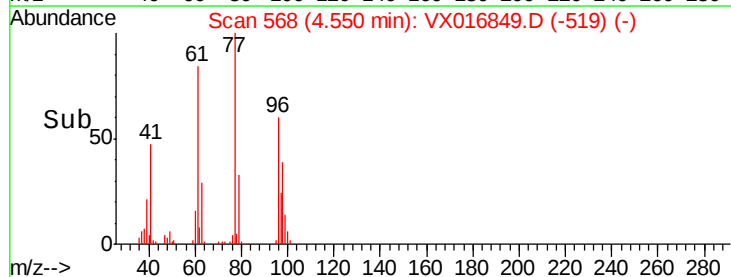
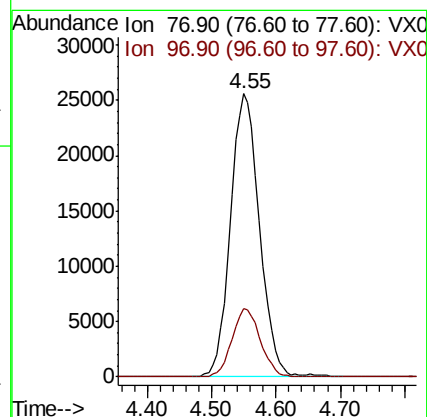
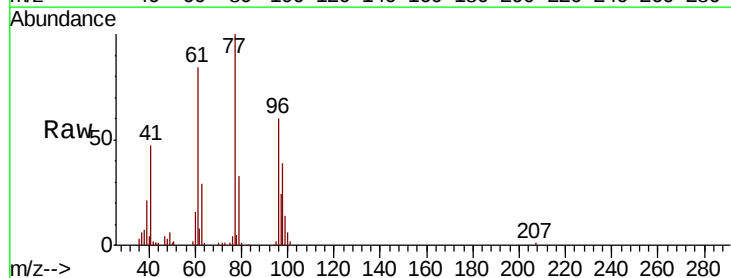
Acq: 18 Jun 2020 20:07

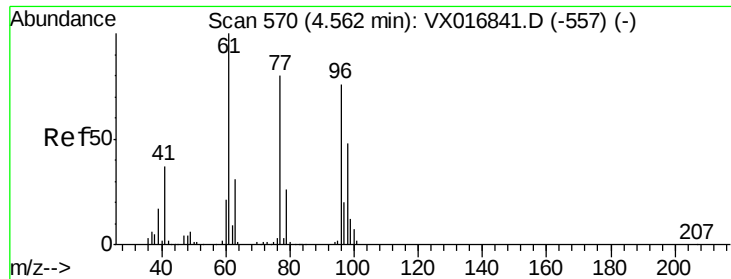
Tgt Ion: 77 Resp: 80724

Ion Ratio Lower Upper

77 100

97 23.7 11.6 34.7



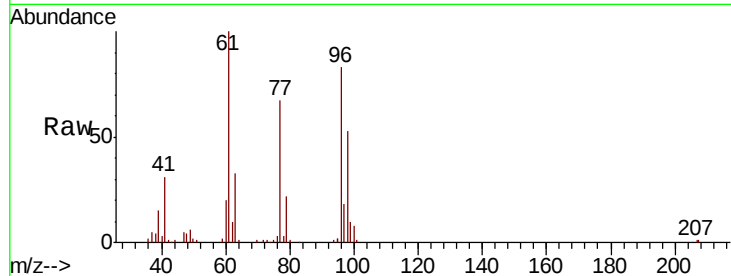


#27

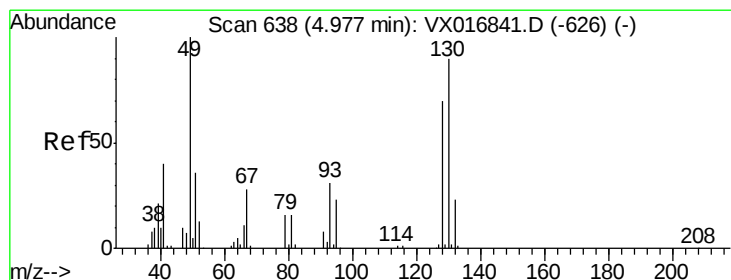
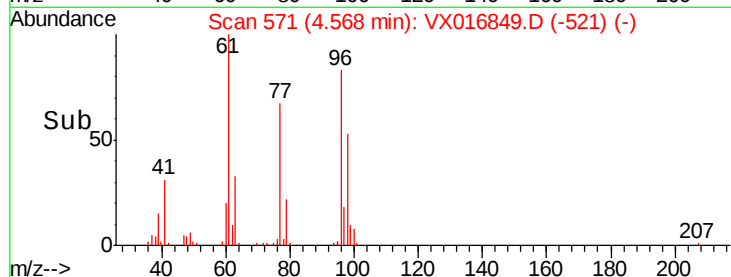
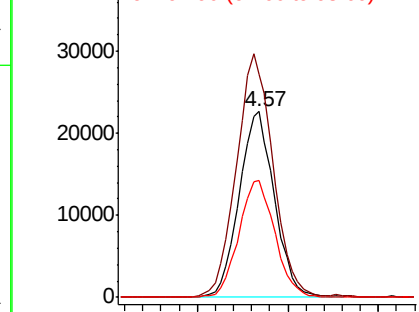
cis-1,2-Dichloroethene
Concen: 19.827 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	96	Resp	60810
Ion	Ratio	Lower	Upper
96	100		
61	136.7	0.0	273.8
98	64.5	0.0	129.0



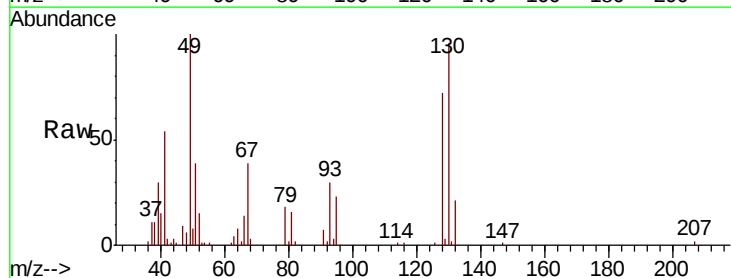
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



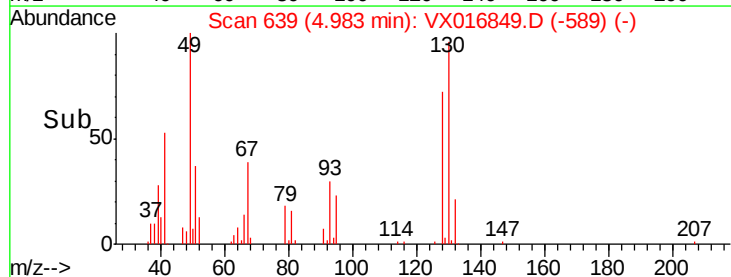
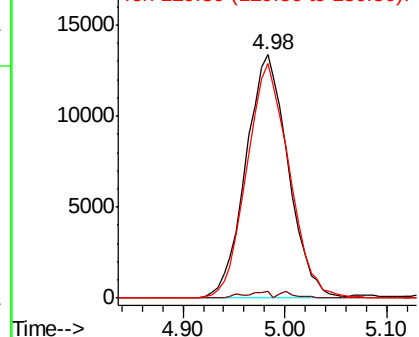
#28

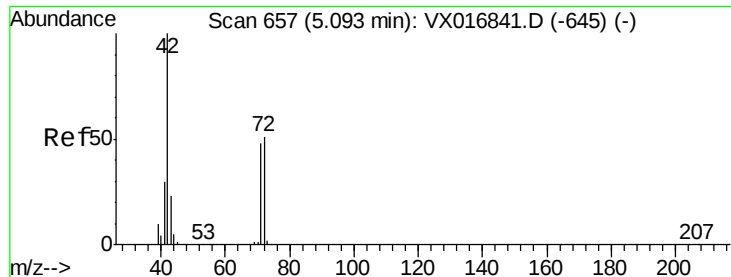
Bromochloromethane
Concen: 20.363 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.01 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	49	Resp	38676
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	5.0
130	96.5	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

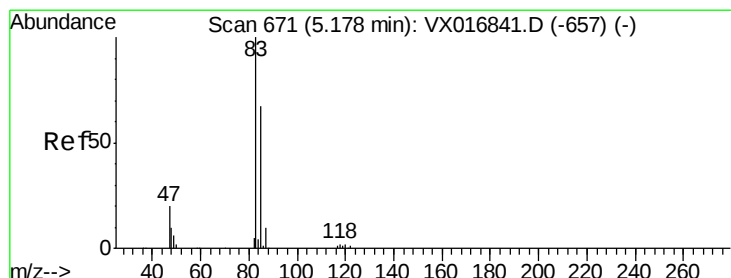
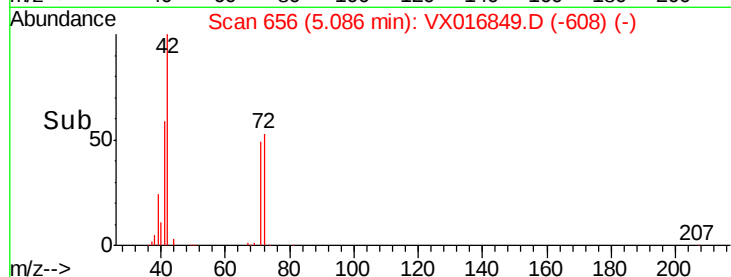
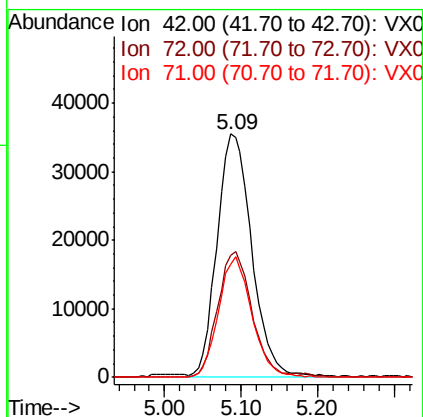
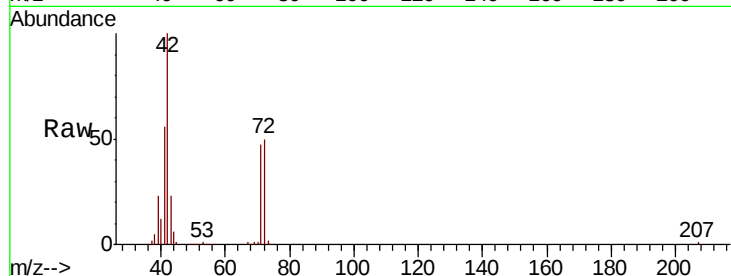




#29
Tetrahydrofuran
Concen: 108.482 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.01 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

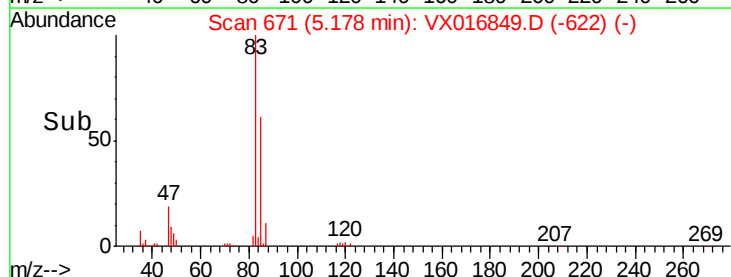
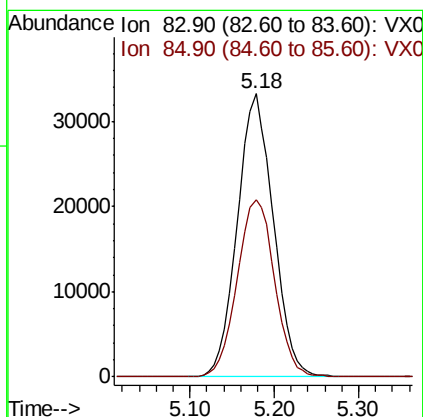
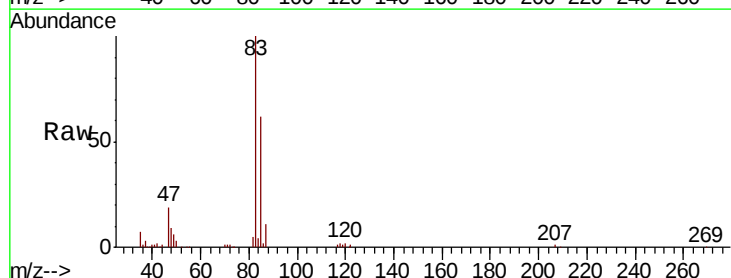
Instrument :
MSVOA_X
ClientSampleId :

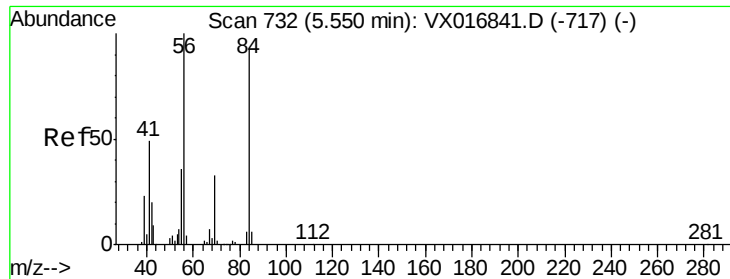
Tot Ion: 42 Resp: 111048
Ion Ratio Lower Upper
42 100
72 52.1 41.1 61.7
71 47.9 38.4 57.6



#30
Chloroform
Concen: 19.933 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion: 83 Resp: 96299
Ion Ratio Lower Upper
83 100
85 62.4 53.4 80.0

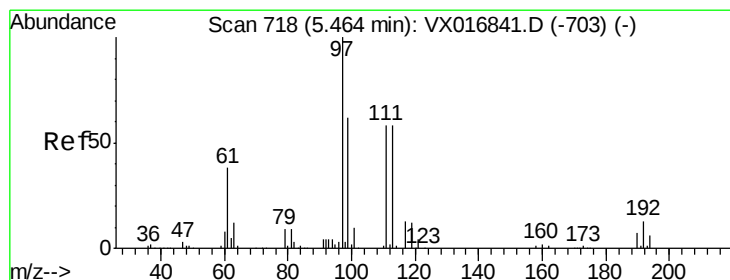
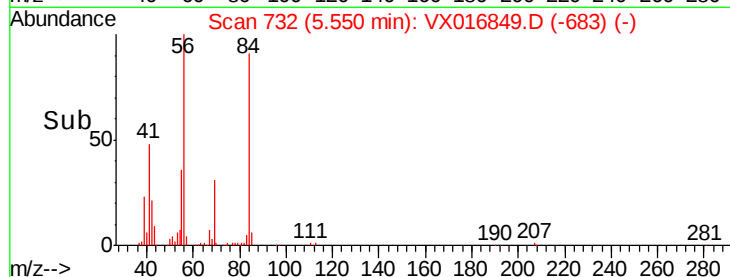
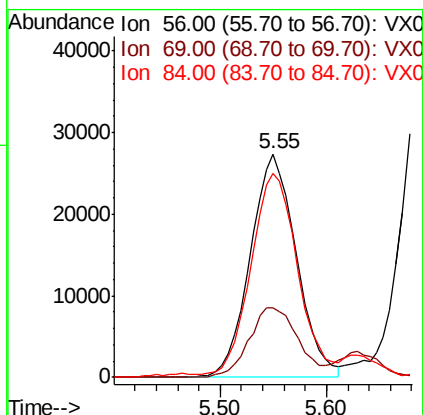
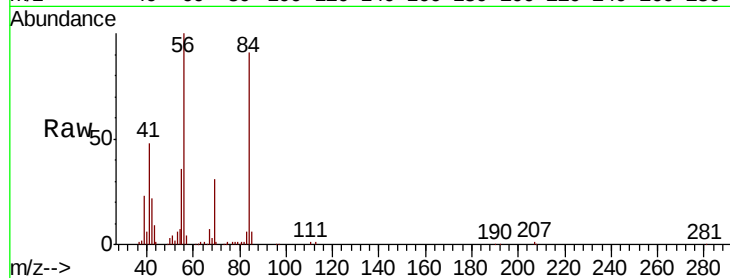




#31
Cyclohexane
Concen: 20.592 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

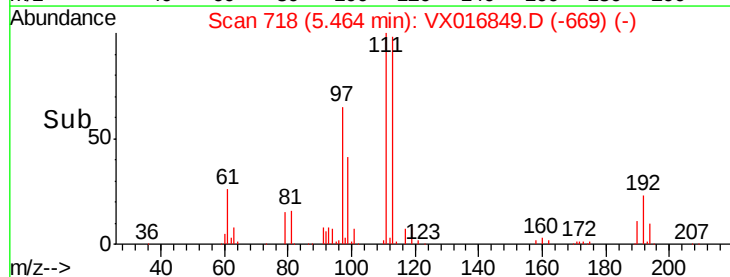
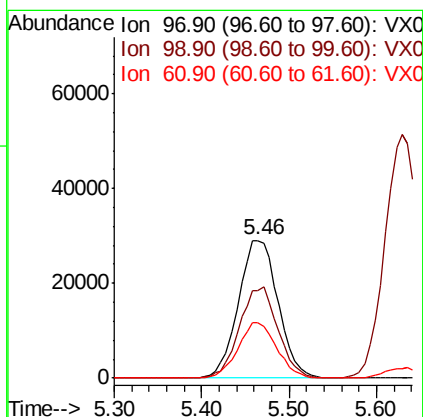
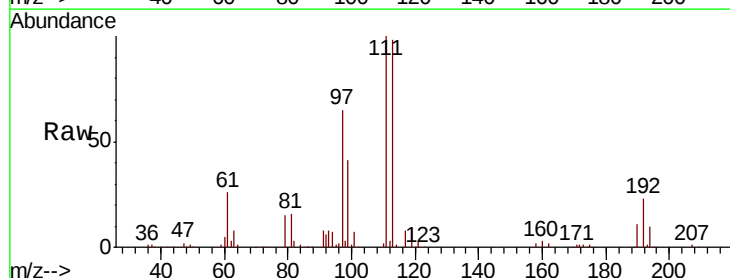
Instrument :
MSVOA_X
ClientSampleId :

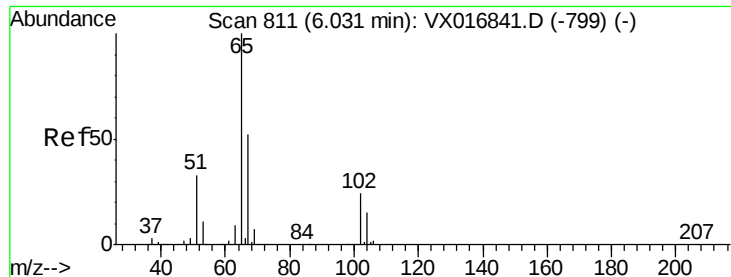
Tot Ion: 56 Resp: 82844
Ion Ratio Lower Upper
56 100
69 31.4 26.1 39.1
84 89.8 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 20.096 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion: 97 Resp: 91892
Ion Ratio Lower Upper
97 100
99 63.9 51.3 76.9
61 39.3 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 53.276 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

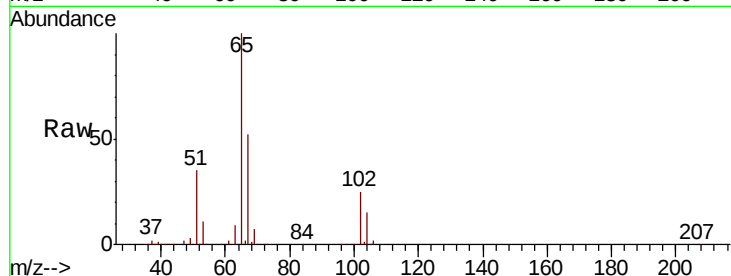
ClientSampleId :

Tot Ion: 65 Resp: 173325

Ion Ratio Lower Upper

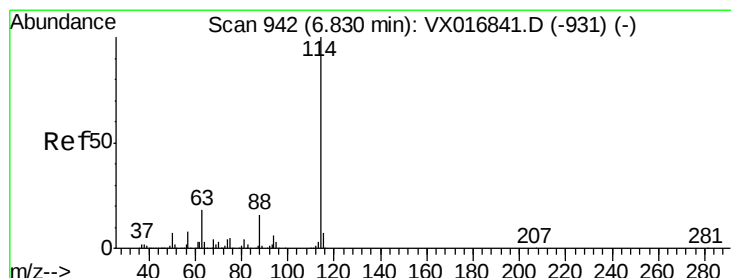
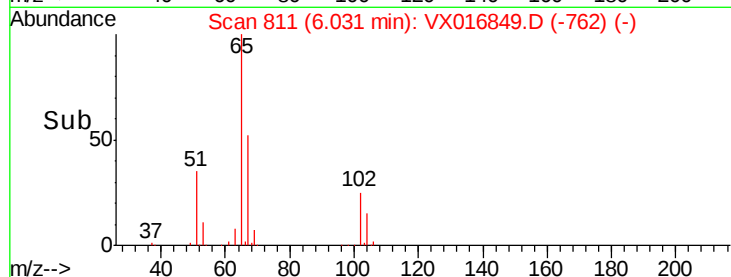
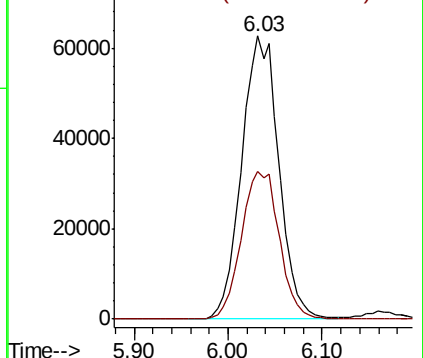
65 100

67 53.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

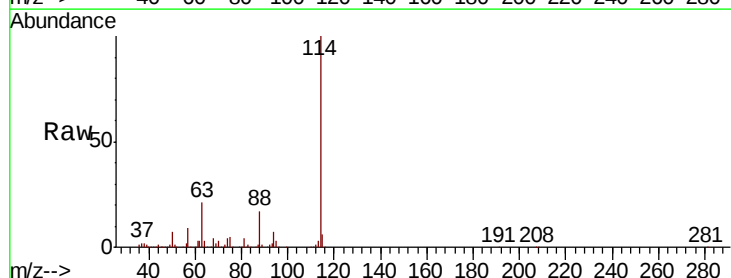
Tgt Ion: 114 Resp: 521022

Ion Ratio Lower Upper

114 100

63 20.6 0.0 37.0

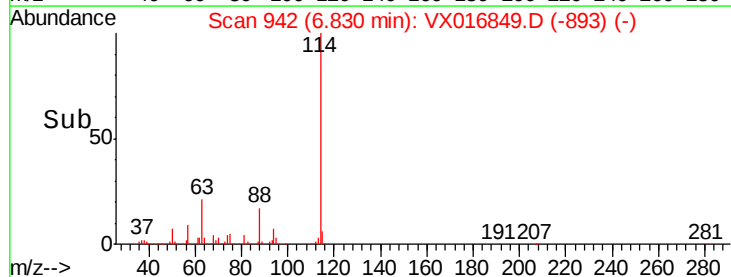
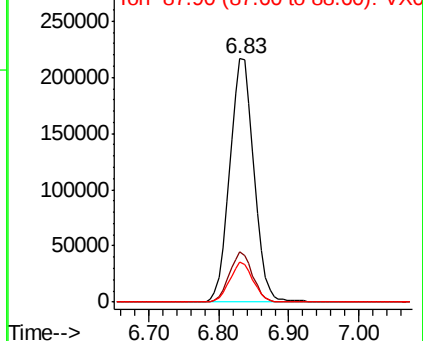
88 16.7 0.0 32.0

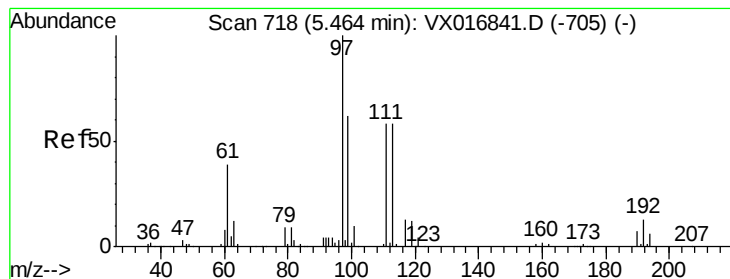


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 38.418 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampled :

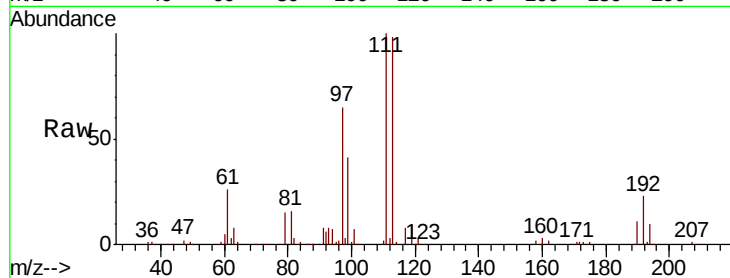
Tot Ion:113 Resp: 128046

Ion Ratio Lower Upper

113 100

111 103.5 81.0 121.4

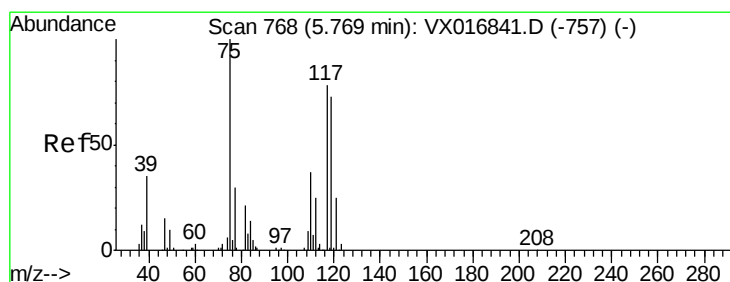
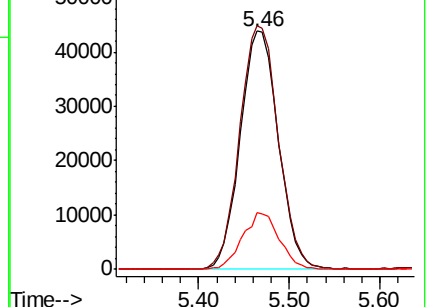
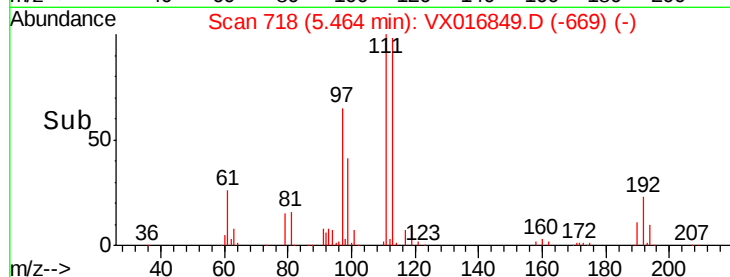
192 23.1 18.5 27.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 16.802 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

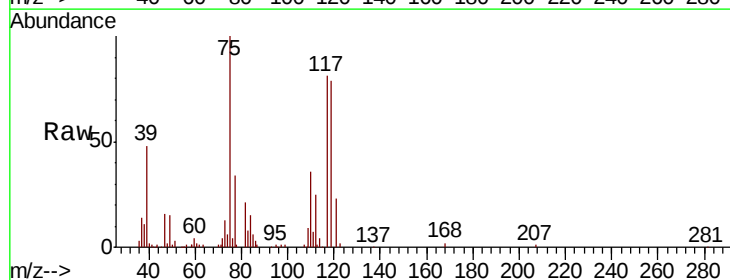
Tgt Ion: 75 Resp: 80830

Ion Ratio Lower Upper

75 100

110 36.4 18.9 56.9

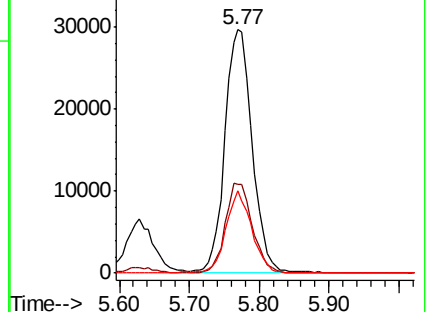
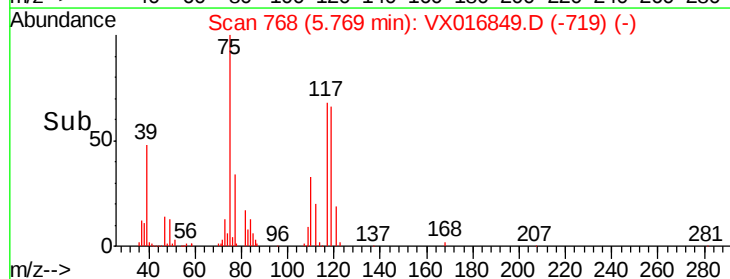
77 31.5 25.6 38.4

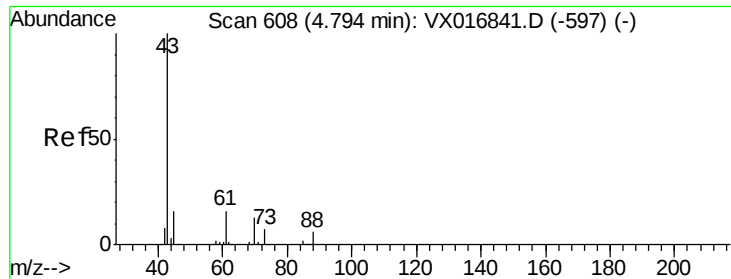


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

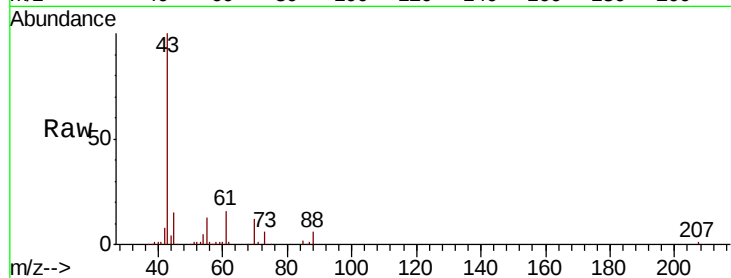




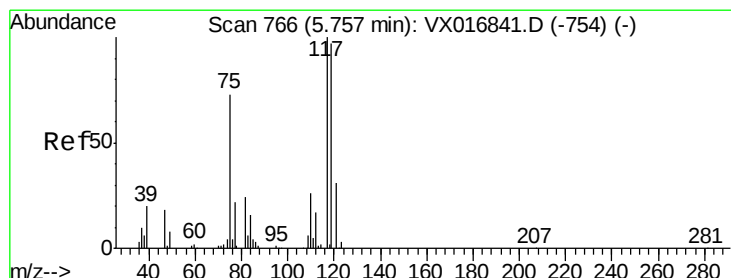
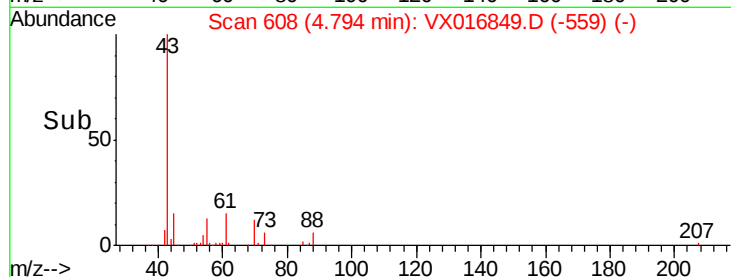
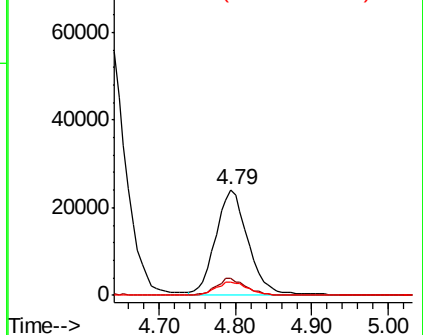
#37
Ethyl Acetate
Concen: 16.381 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 69629
Ion Ratio Lower Upper
43 100
61 15.2 12.2 18.2
70 12.4 10.5 15.7

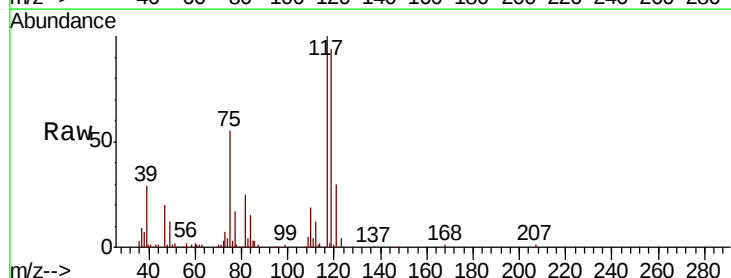


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

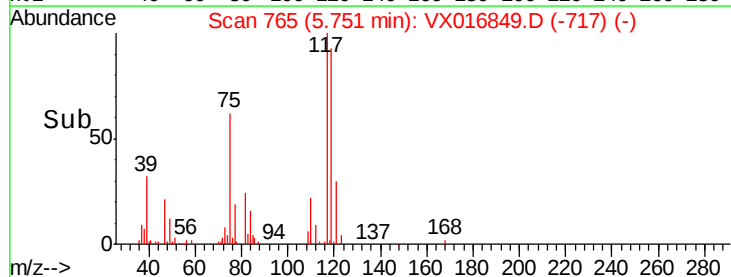
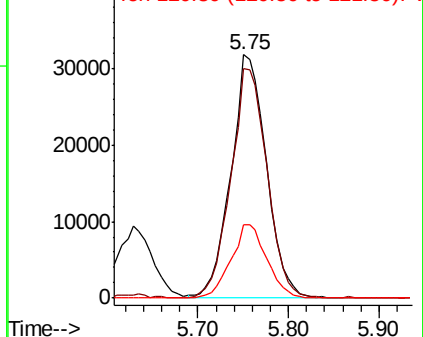


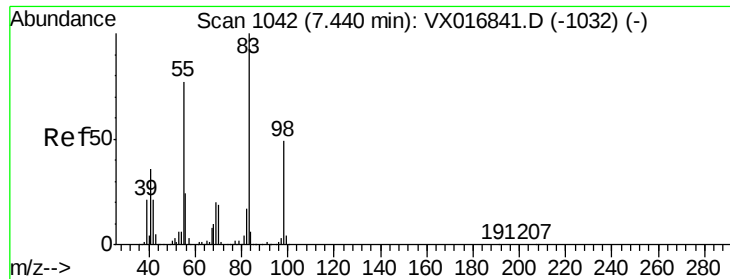
#38
Carbon Tetrachloride
Concen: 15.964 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion: 117 Resp: 86172
Ion Ratio Lower Upper
117 100
119 93.9 77.4 116.2
121 30.3 24.7 37.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

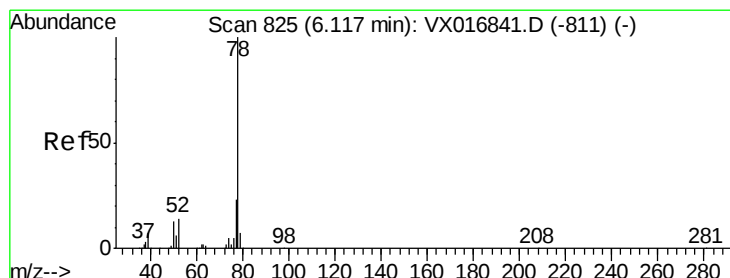
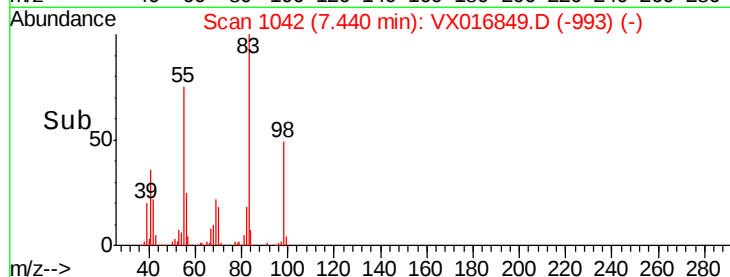
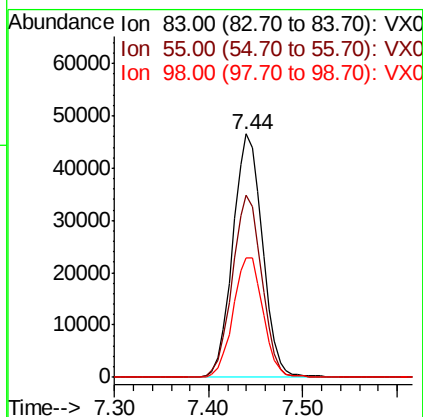
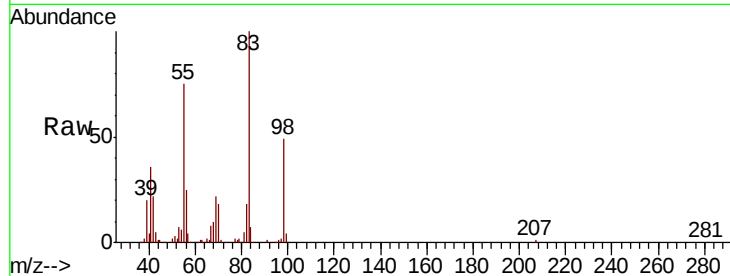




#39
Methvlcvclohexane
Concen: 18.247 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

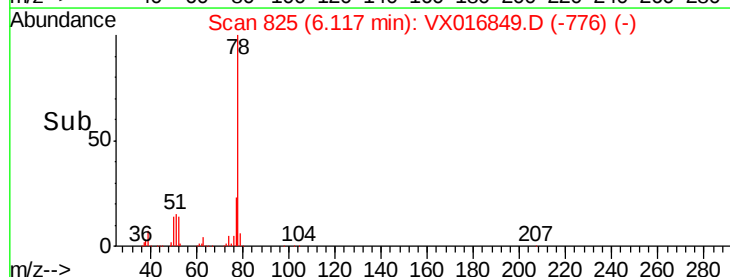
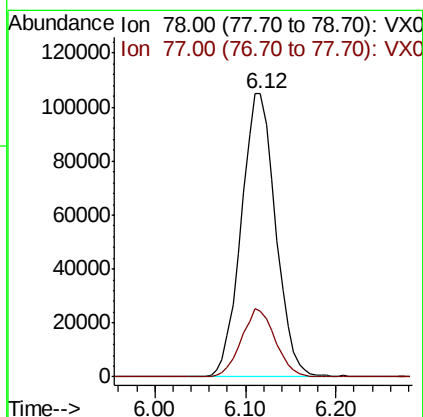
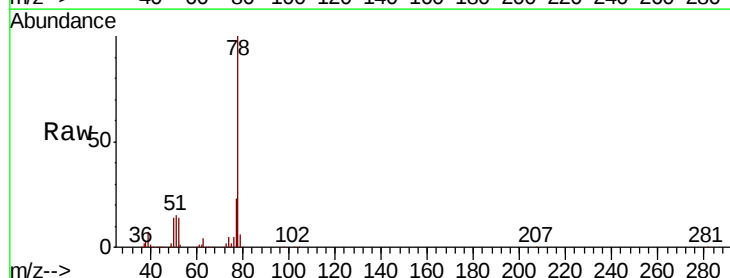
Instrument :
MSVOA_X
ClientSampleId :

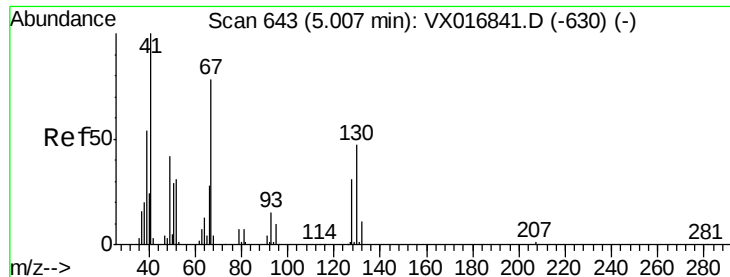
Tot Ion: 83 Resp: 102068
Ion Ratio Lower Upper
83 100
55 74.9 61.7 92.5
98 49.1 39.0 58.6



#40
Benzene
Concen: 19.112 ug/l
RT: 6.12 min Scan# 825
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion: 78 Resp: 275881
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8

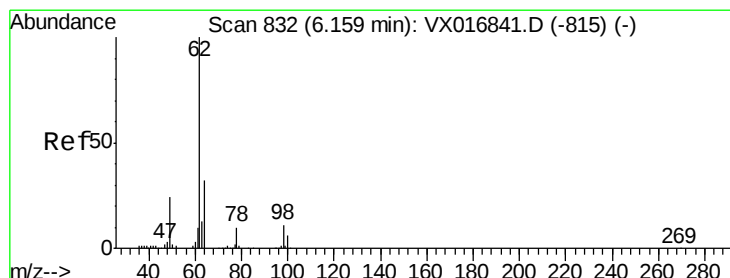
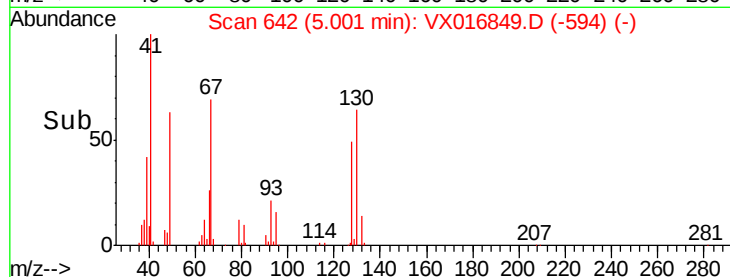
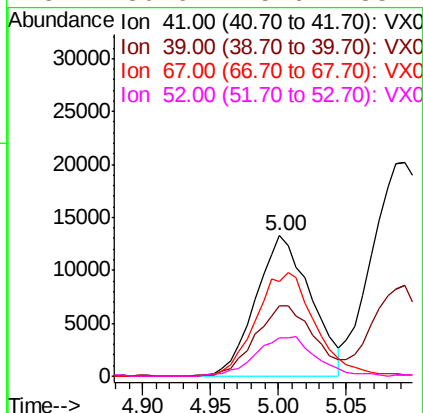
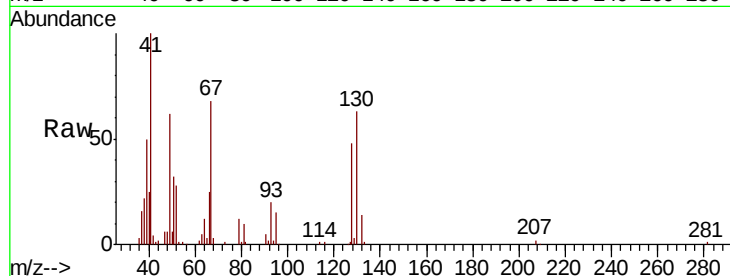




#41
Methacrylonitrile
Concen: 16.282 ug/l
RT: 5.00 min Scan# 642
Delta R.T. -0.01 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

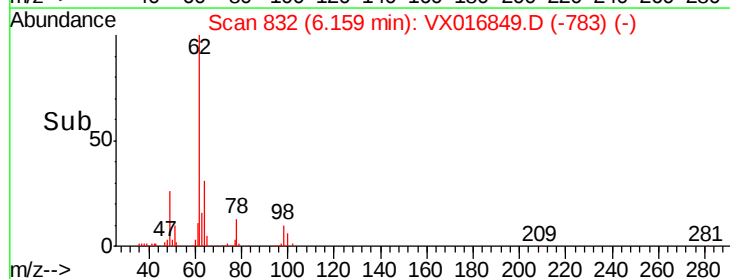
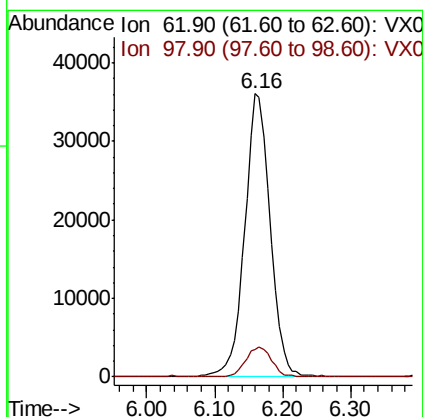
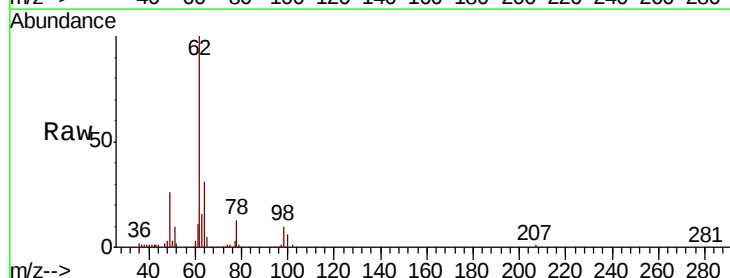
Instrument :
MSVOA_X
ClientSampleId :

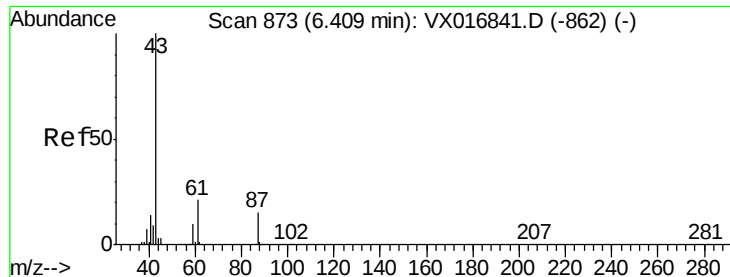
Tot Ion:	41	Resp:	37573
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.6	64.0
67	79.4	64.2	96.2
52	30.6	25.6	38.4



#42
1,2-Dichloroethane
Concen: 18.377 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion:	62	Resp:	94397
Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	20.8



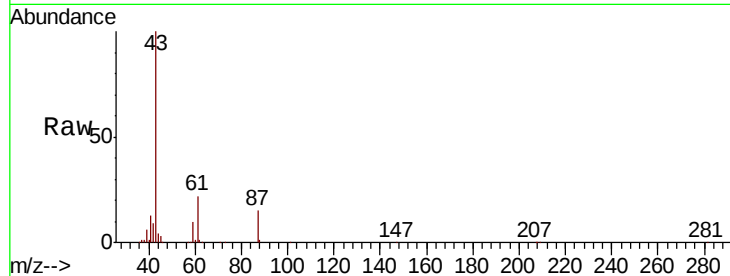


#43

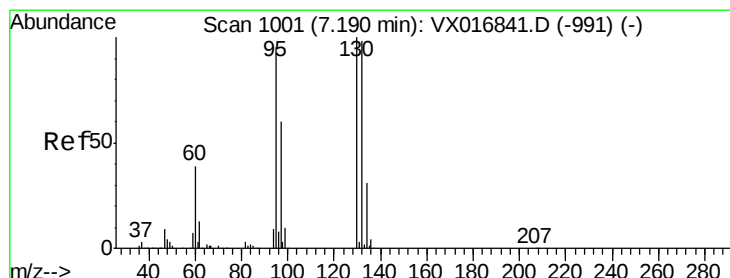
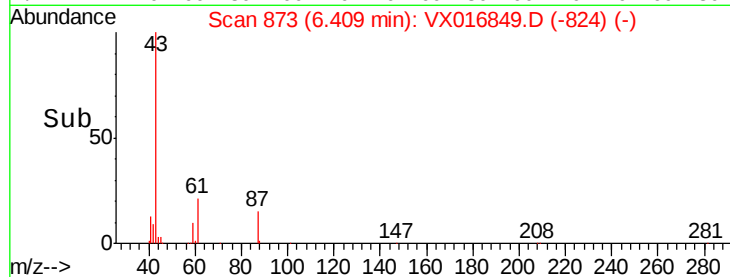
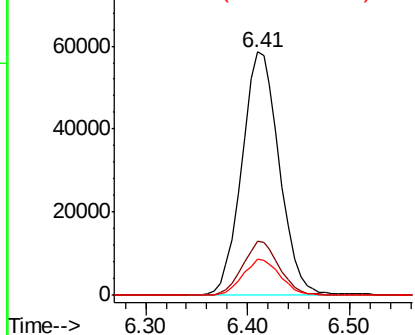
Isopropyl Acetate
 Concen: 20.028 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. -0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	43	Resp	148664
Ion Ratio	Lower	Upper	
43	100		
61	21.8	17.9	26.9
87	15.0	12.4	18.6



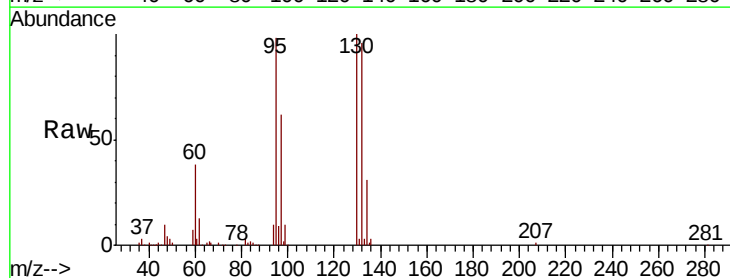
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



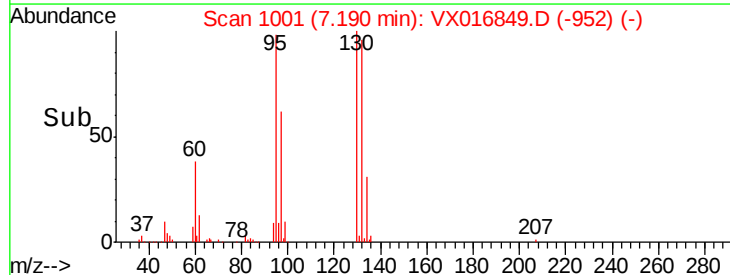
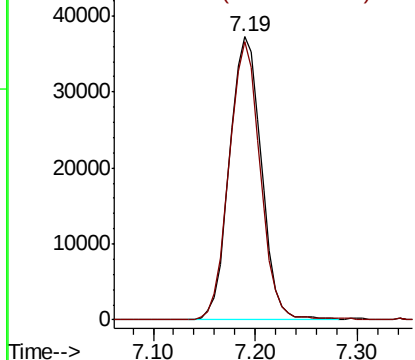
#44

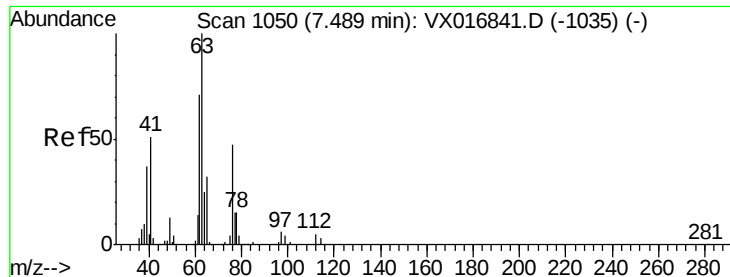
Trichloroethene
 Concen: 18.185 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Tgt Ion	130	Resp	80392
Ion Ratio	Lower	Upper	
130	100		
95	98.3	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: 17.877 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

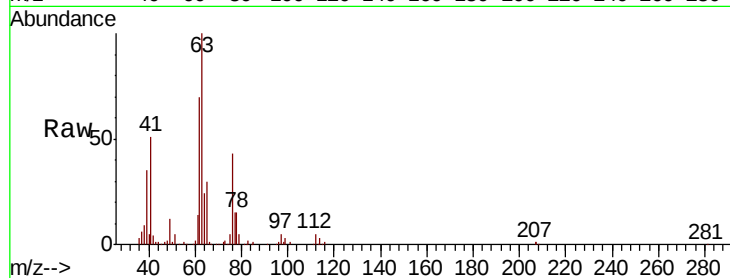
ClientSampled :

Tot Ion: 63 Resp: 64872

Ion Ratio Lower Upper

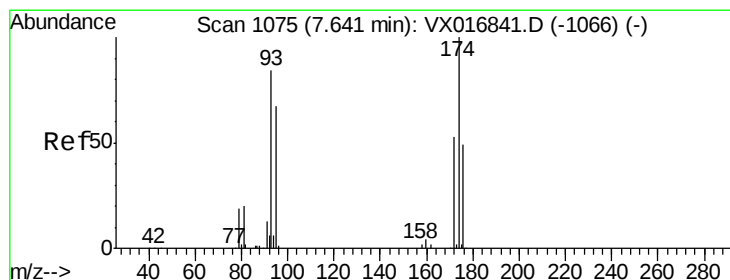
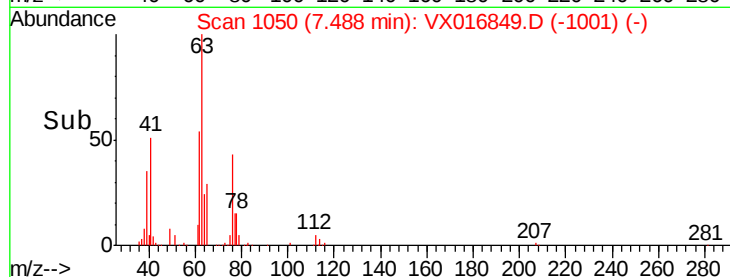
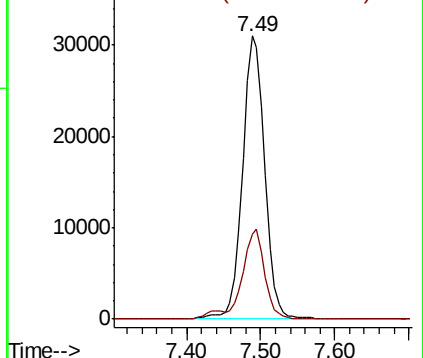
63 100

65 30.2 25.8 38.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 16.599 ug/l

RT: 7.64 min Scan# 1075

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

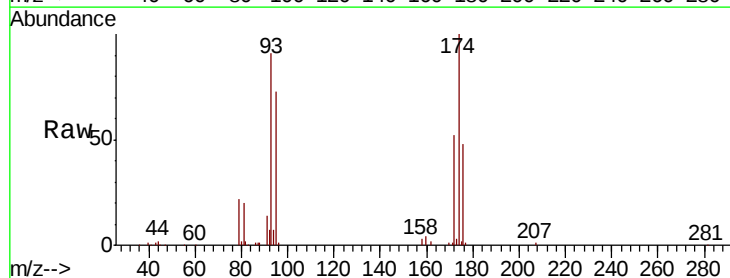
Tgt Ion: 93 Resp: 40849

Ion Ratio Lower Upper

93 100

95 81.5 65.7 98.5

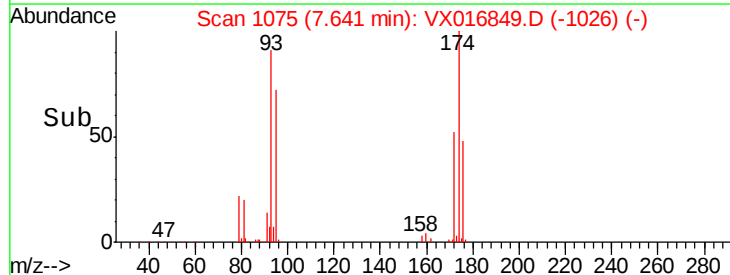
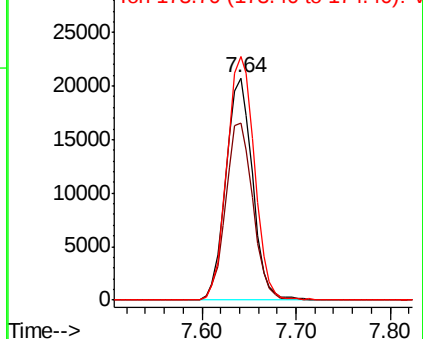
174 113.0 92.8 139.2

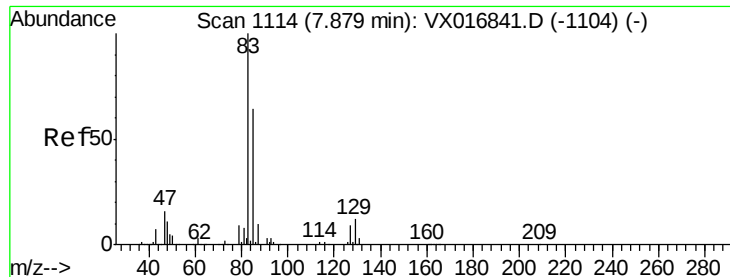


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 14.900 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

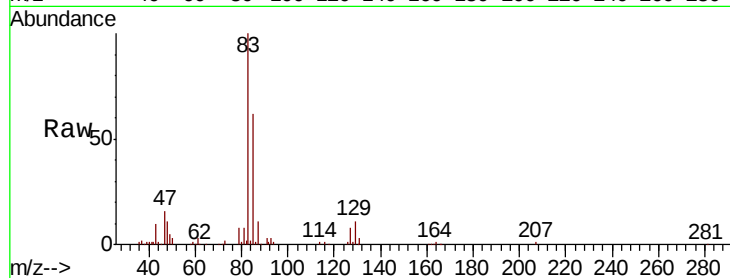
Tot Ion: 83 Resp: 77986

Ion Ratio Lower Upper

83 100

85 61.7 50.9 76.3

127 8.1 7.4 11.0

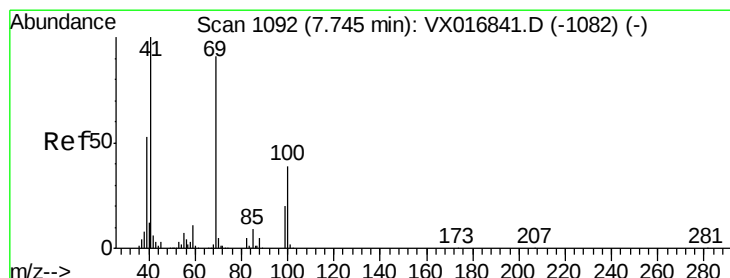
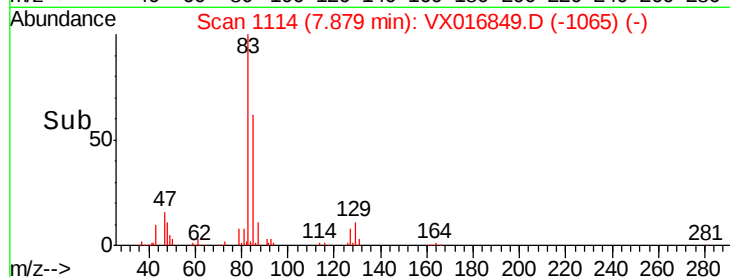
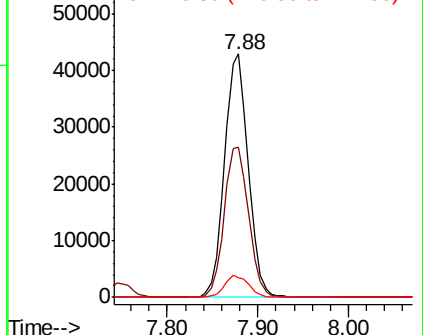


Abundance

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: 16.302 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

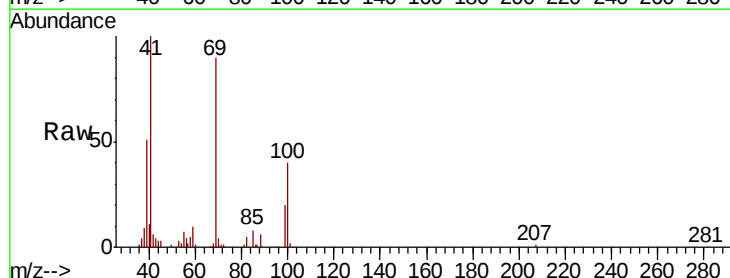
Tgt Ion: 41 Resp: 56982

Ion Ratio Lower Upper

41 100

69 92.4 73.3 109.9

39 52.7 42.4 63.6

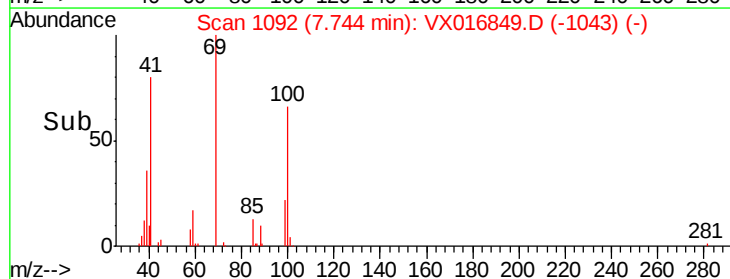
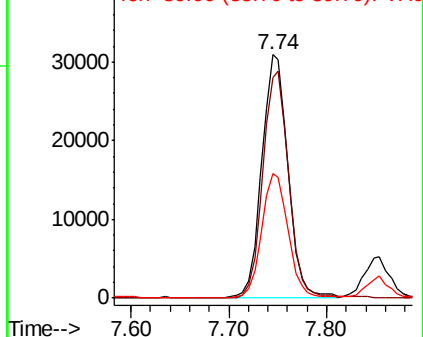


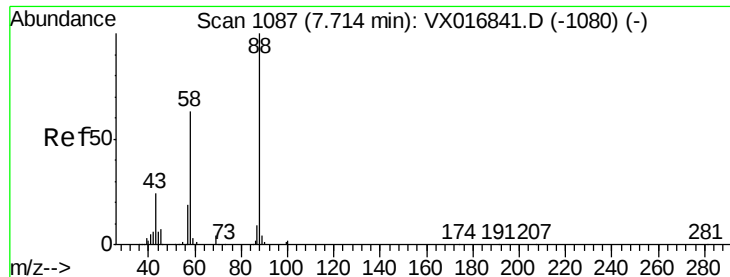
Abundance

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: 342.565 ug/l

RT: 7.71 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

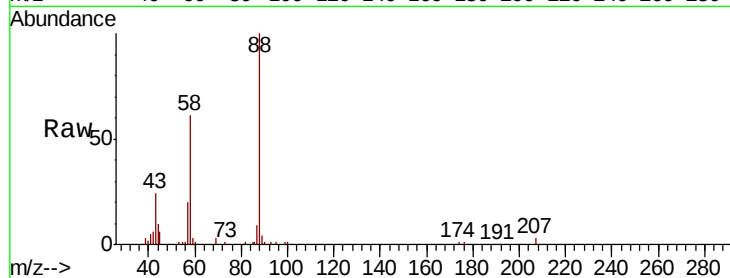
Tot Ion: 88 Resp: 26803

Ion Ratio Lower Upper

88 100

43 28.4 22.7 34.1

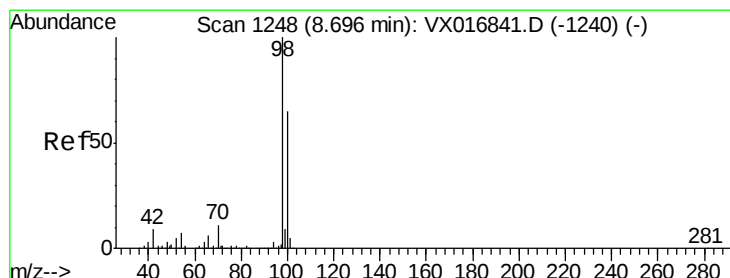
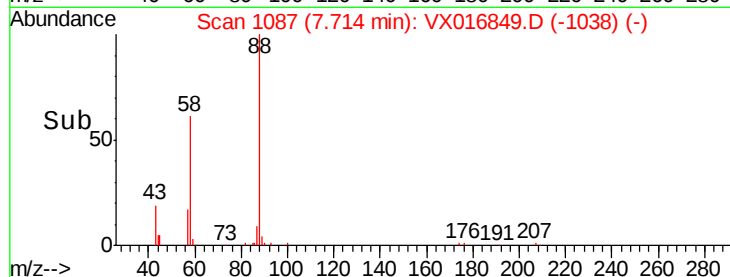
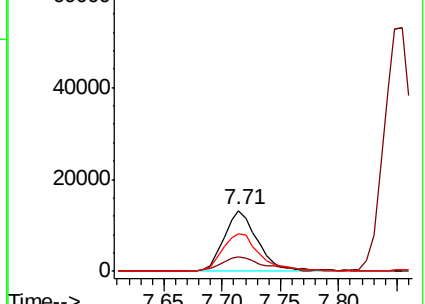
58 68.8 53.1 79.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 36.391 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016849.D

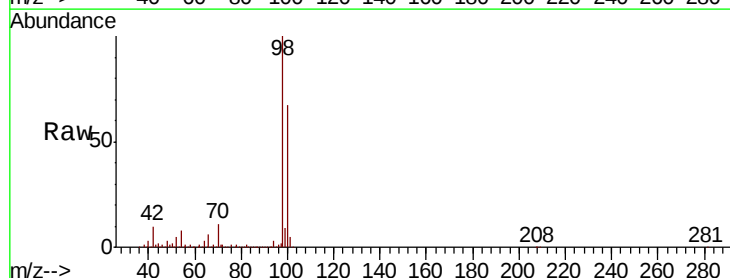
Acq: 18 Jun 2020 20:07

Tgt Ion: 98 Resp: 485264

Ion Ratio Lower Upper

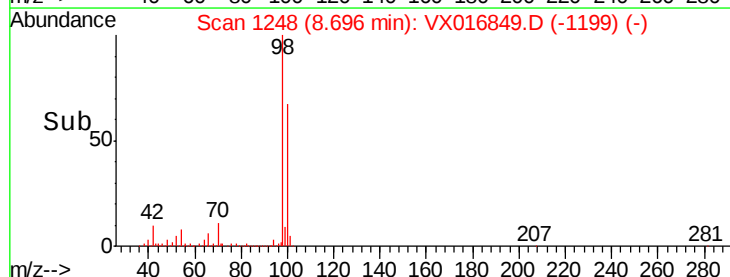
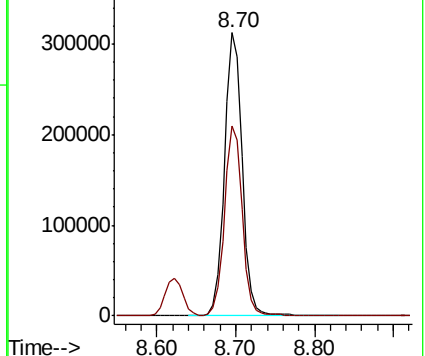
98 100

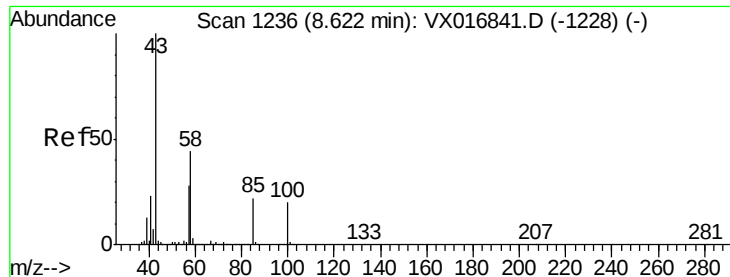
100 67.6 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

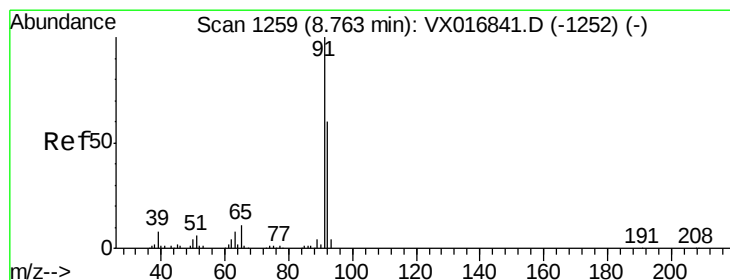
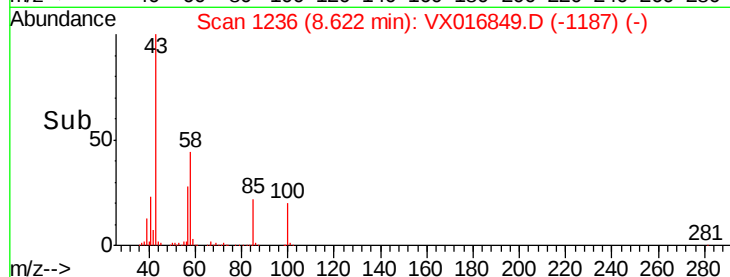
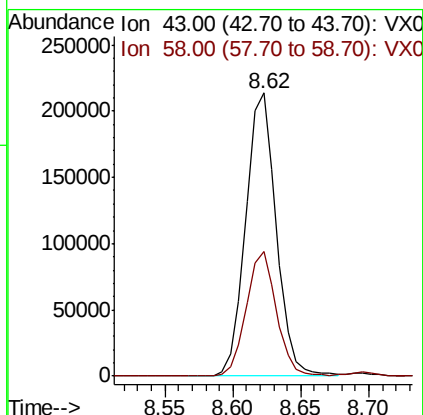
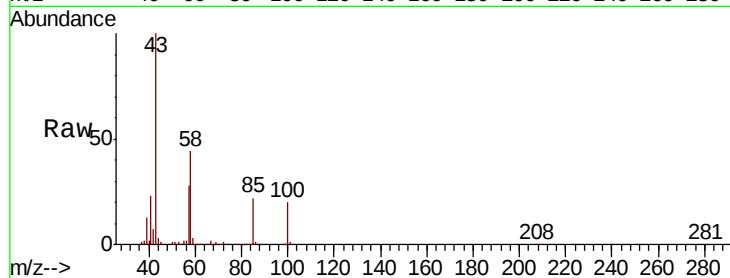




#51
4-Methyl-2-Pentanone
Concen: 75.370 ug/l
RT: 8.62 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

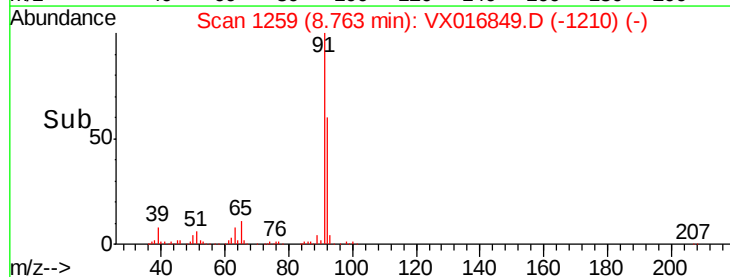
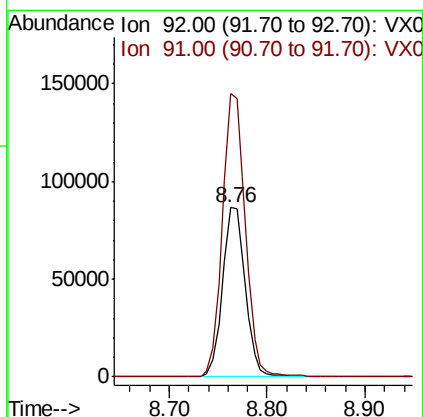
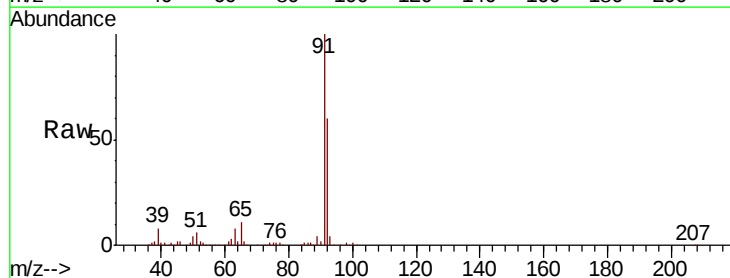
Instrument :
MSVOA_X
ClientSampled :

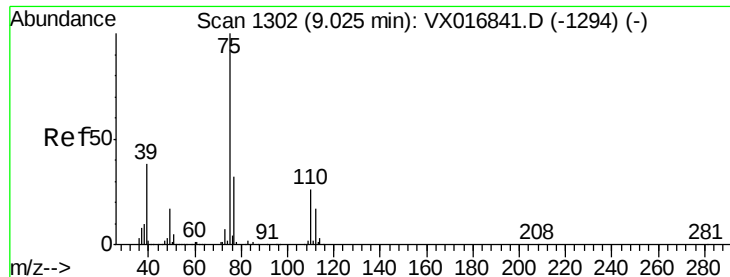
Tot Ion: 43 Resp: 336489
Ion Ratio Lower Upper
43 100
58 43.4 34.3 51.5



#52
Toluene
Concen: 14.673 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion: 92 Resp: 140504
Ion Ratio Lower Upper
92 100
91 168.1 134.2 201.2





#53

t-1,3-Dichloropropene

Concen: 14.716 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

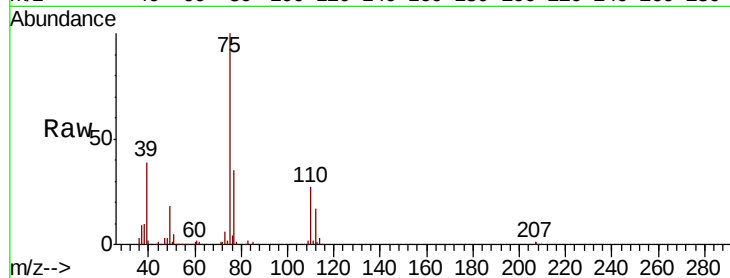
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 84675

Ion Ratio Lower Upper

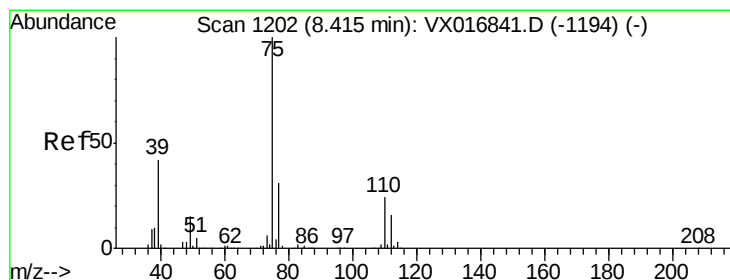
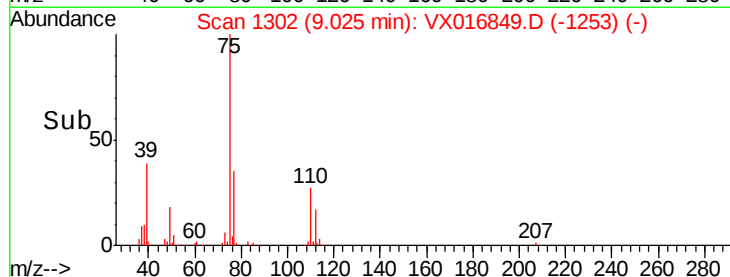
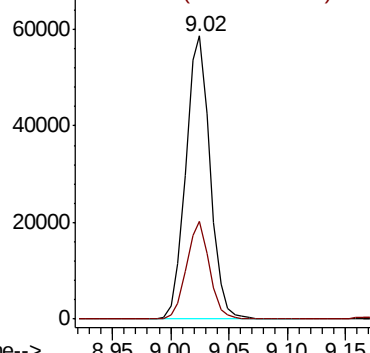
75 100

77 34.5 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: 15.288 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

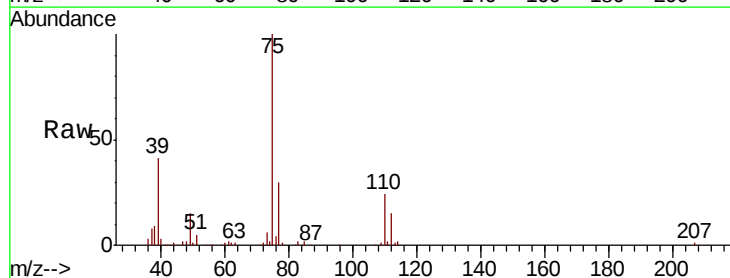
Tgt Ion: 75 Resp: 94104

Ion Ratio Lower Upper

75 100

77 30.4 24.9 37.3

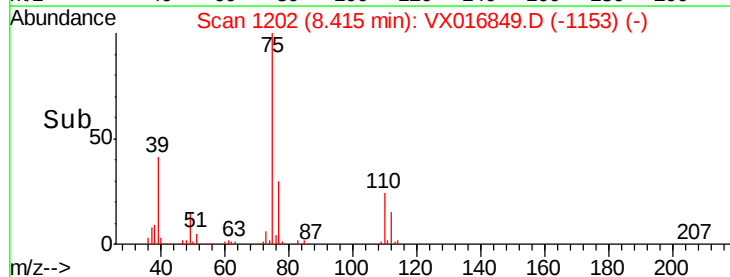
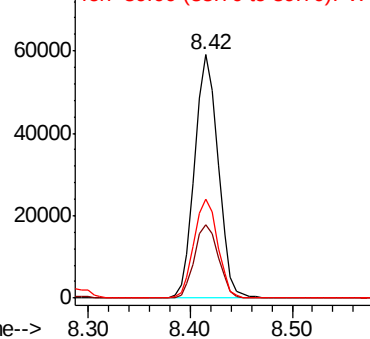
39 40.5 33.4 50.0

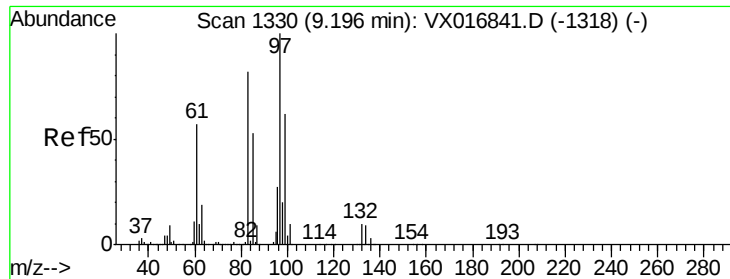


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

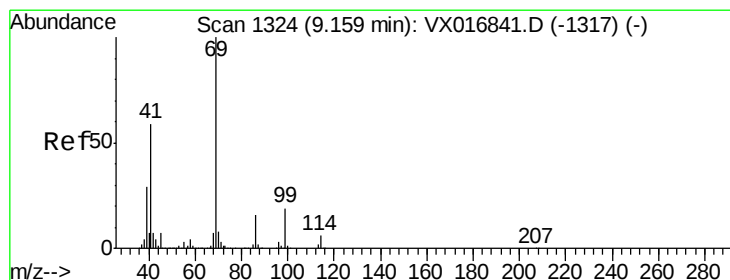
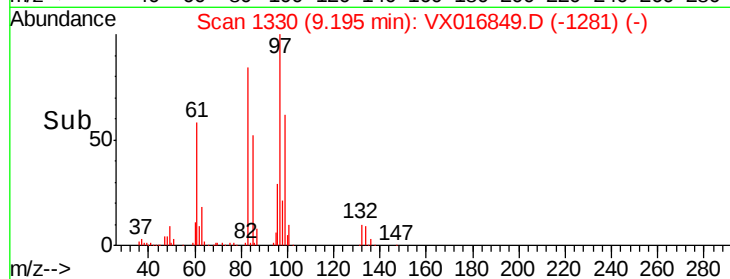
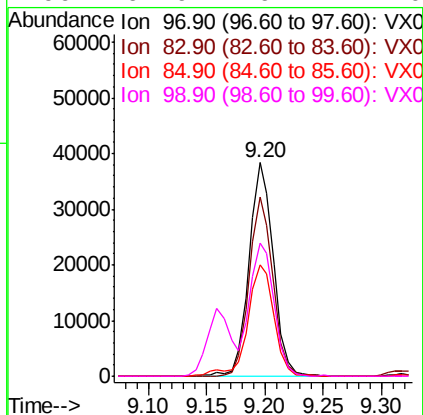
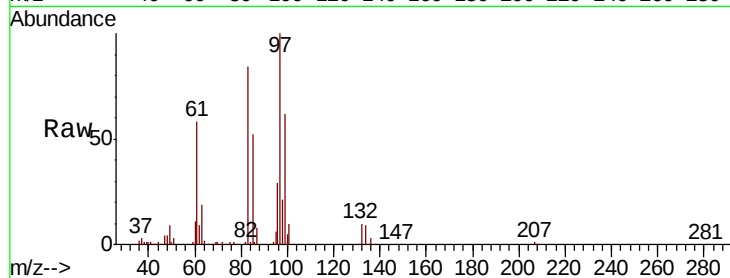




#55
 1,1,2-Trichloroethane
 Concen: 15.429 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

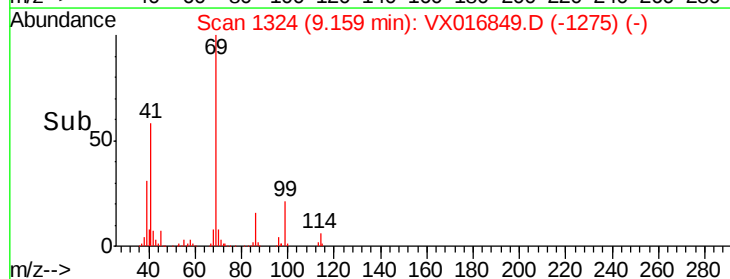
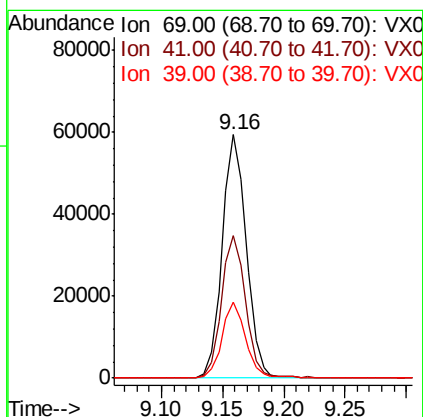
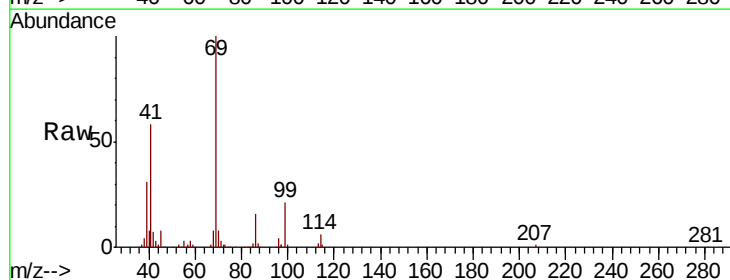
Instrument :
 MSVOA_X
 ClientSampled :

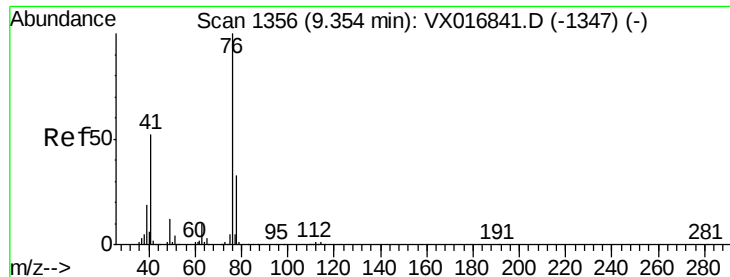
Tot Ion:	97	Resp:	55785
Ion	Ratio	Lower	Upper
97	100		
83	83.7	65.5	98.3
85	52.4	42.6	63.8
99	61.9	49.4	74.0



#56
 Ethyl methacrylate
 Concen: 15.557 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Tgt Ion:	69	Resp:	81428
Ion	Ratio	Lower	Upper
69	100		
41	59.0	47.9	71.9
39	30.6	24.2	36.4

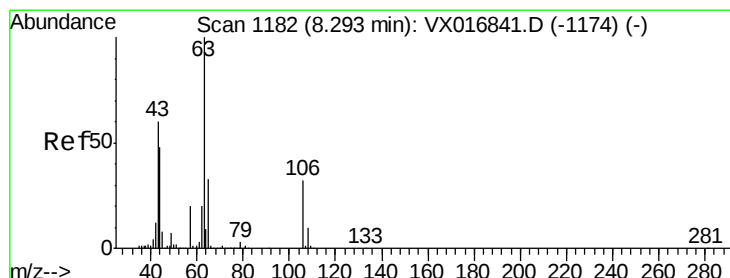
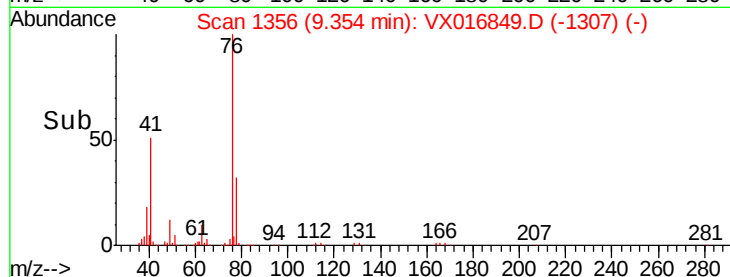
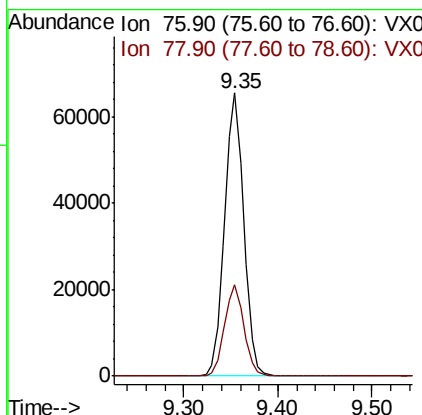
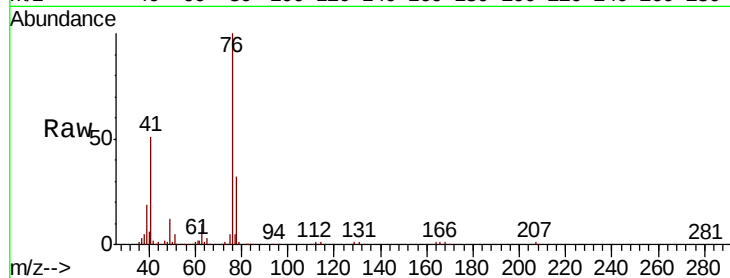




#57
 1,3-Dichloropropane
 Concen: 15.119 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

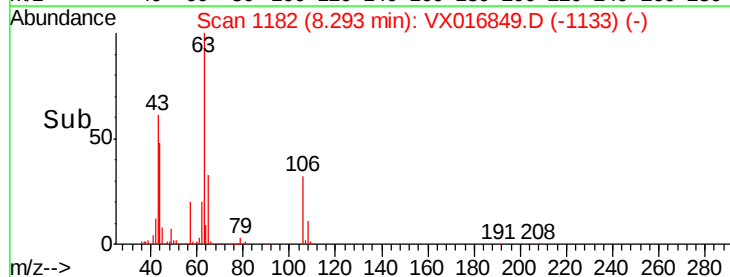
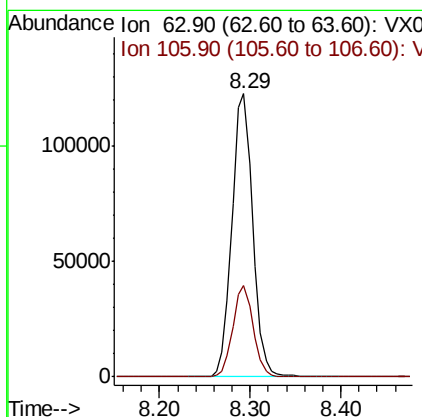
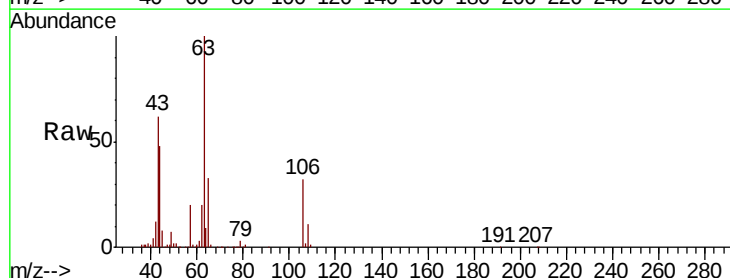
Instrument :
 MSVOA_X
 ClientSampleId :

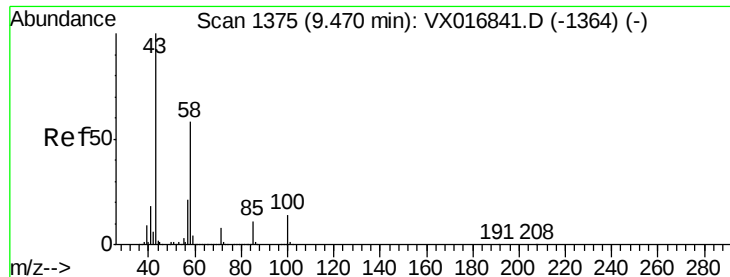
Tot Ion: 76 Resp: 92668
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 72.195 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Tgt Ion: 63 Resp: 195859
 Ion Ratio Lower Upper
 63 100
 106 31.5 25.8 38.6

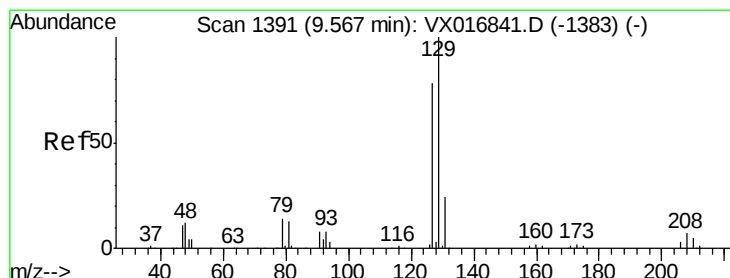
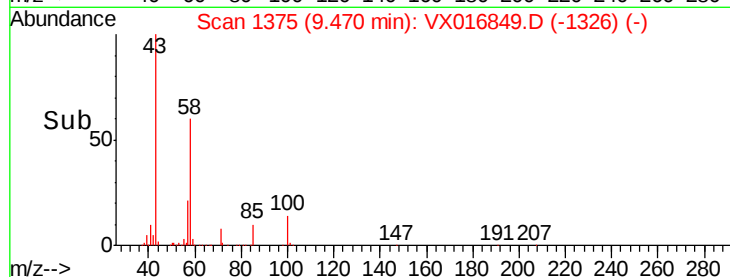
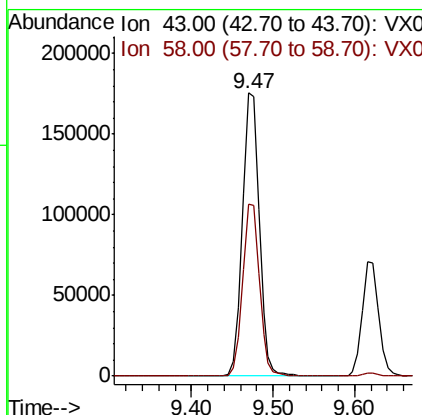
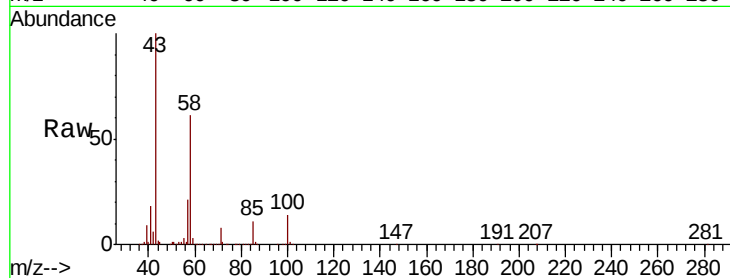




#59
2-Hexanone
Concen: 71.270 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. 0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

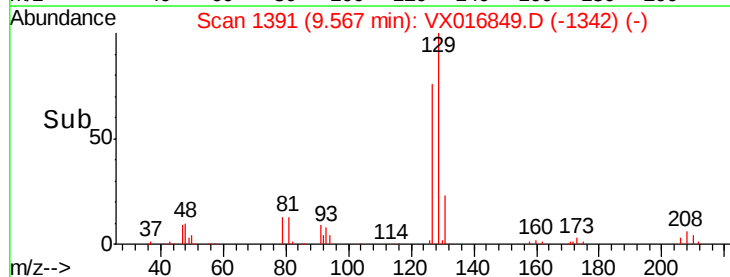
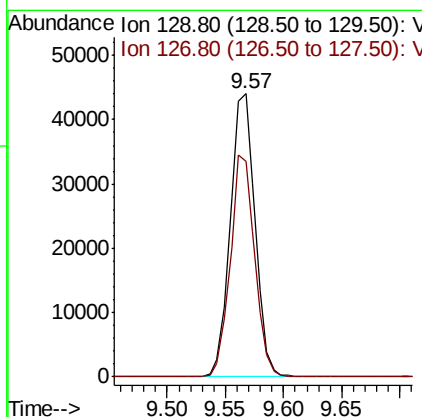
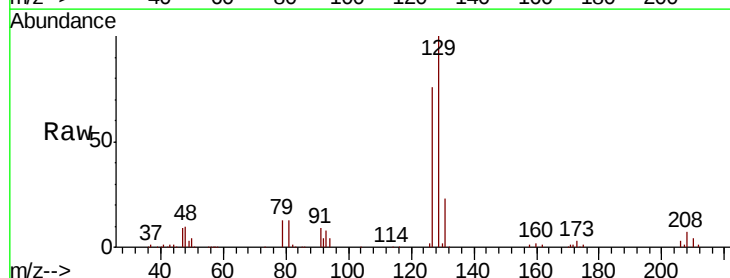
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 249587
Ion Ratio Lower Upper
43 100
58 60.7 29.8 89.4



#60
Dibromochloromethane
Concen: 15.057 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion: 129 Resp: 65305
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5





#61

1,2-Dibromoethane

Concen: 14.937 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

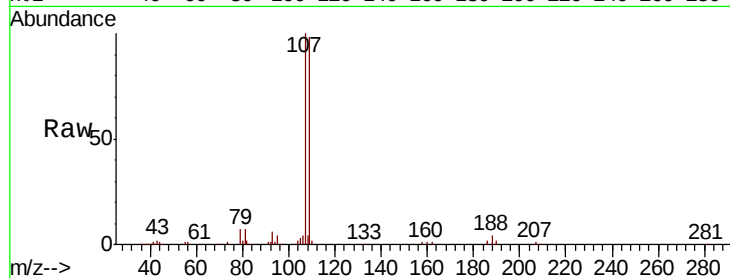
ClientSampleId :

Tot Ion:107 Resp: 58609

Ion Ratio Lower Upper

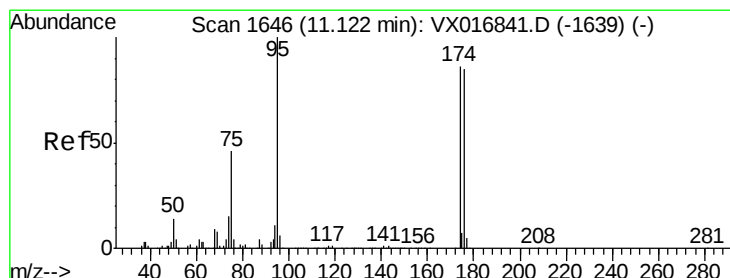
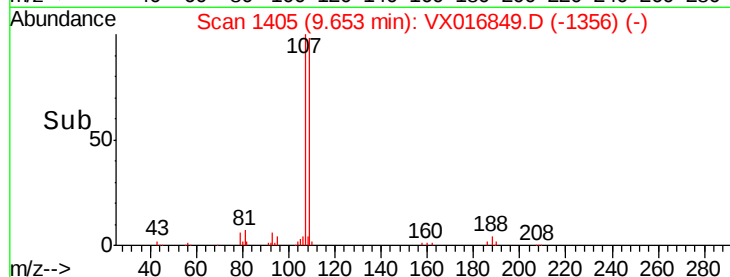
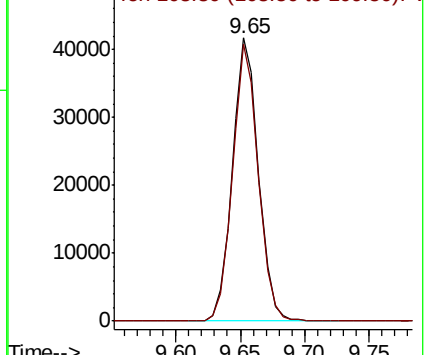
107 100

109 96.5 75.4 113.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 36.126 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

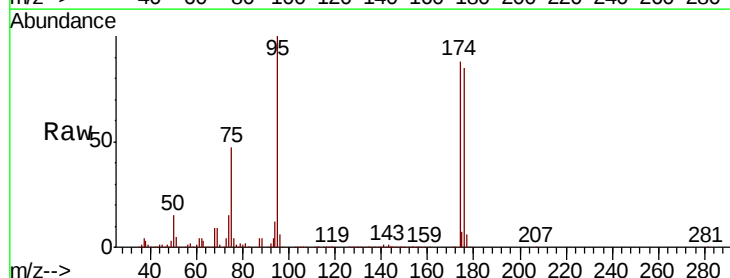
Tgt Ion: 95 Resp: 184573

Ion Ratio Lower Upper

95 100

174 88.4 0.0 174.2

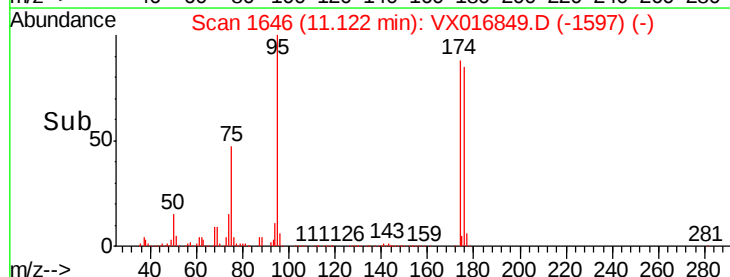
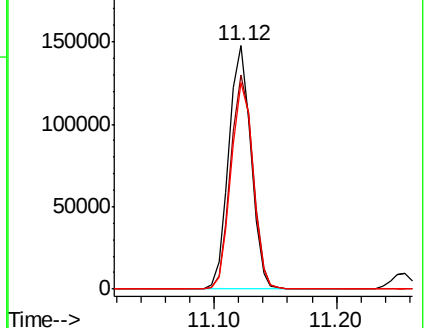
176 84.6 0.0 170.0

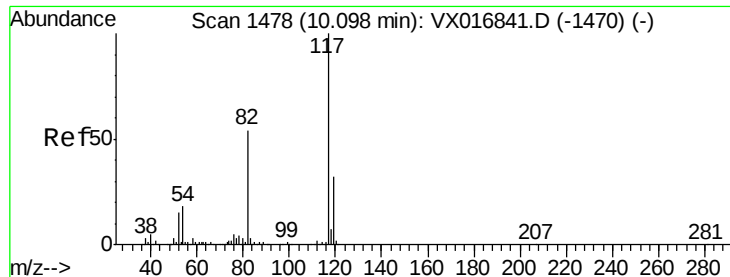


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

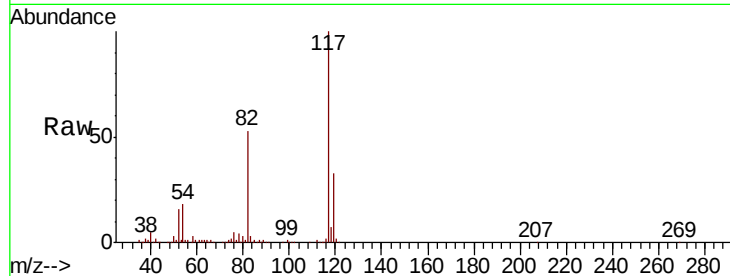




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.4	65.0
119	33.2	25.7	38.5

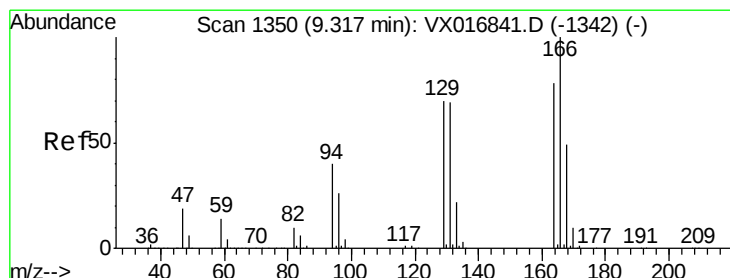
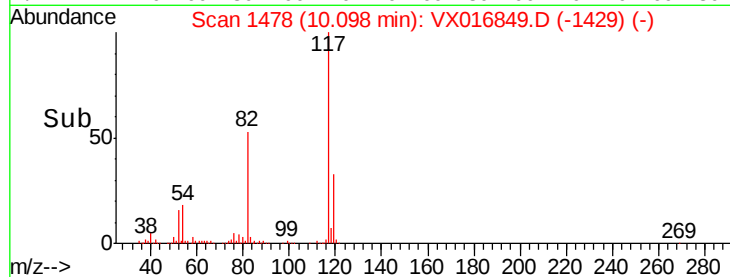
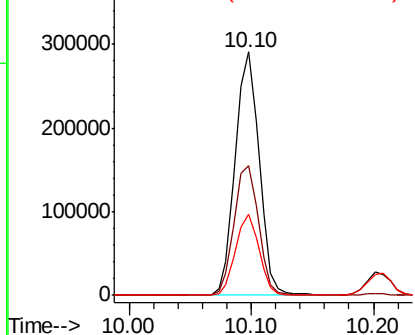


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 19.183 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	102.6	153.8
129	96.0	72.2	108.2
131	89.6	70.8	106.2

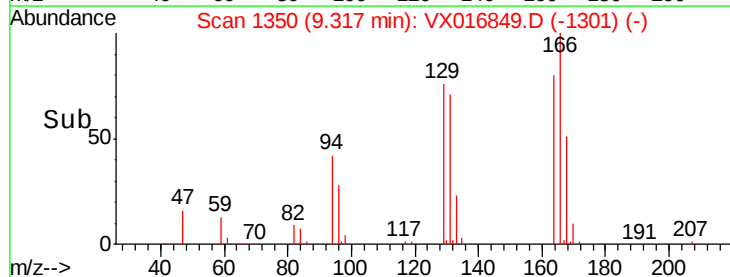
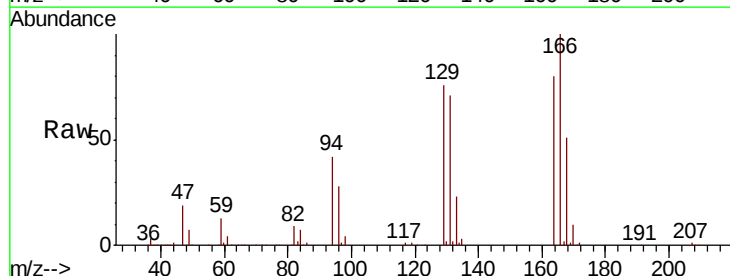
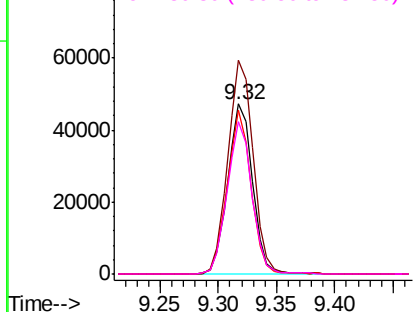
Abundance

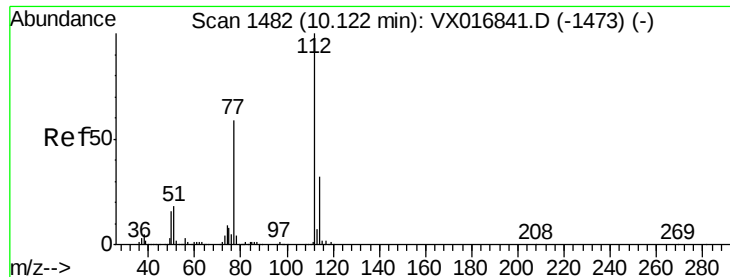
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 18.999 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

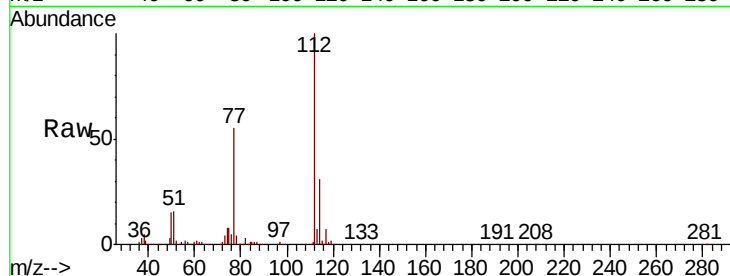
ClientSampleId :

Tot Ion:112 Resp: 151283

Ion Ratio Lower Upper

112 100

114 31.0 25.5 38.3



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

120000

100000

80000

60000

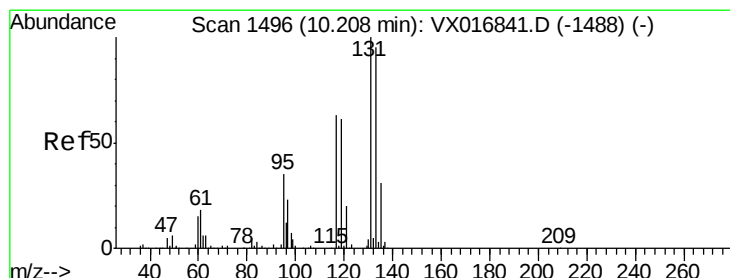
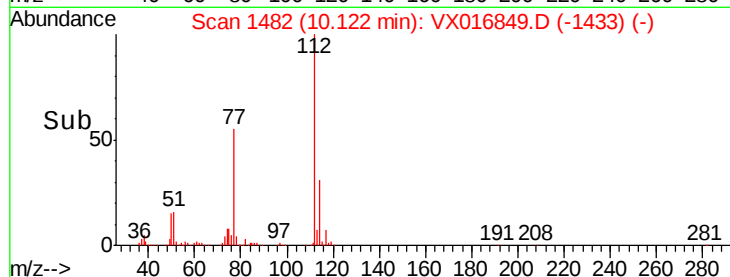
40000

20000

0

10.10 10.12 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.352 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

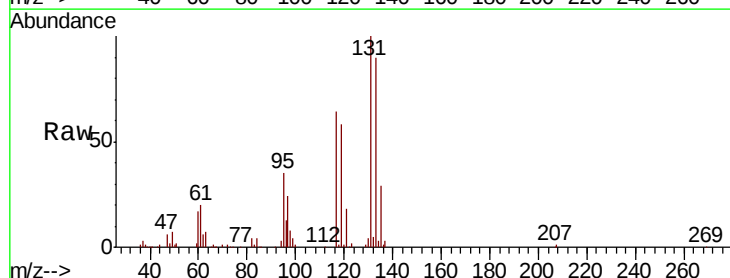
Tgt Ion:131 Resp: 59721

Ion Ratio Lower Upper

131 100

133 95.1 47.7 143.1

119 63.1 30.8 92.4



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

60000

50000

40000

30000

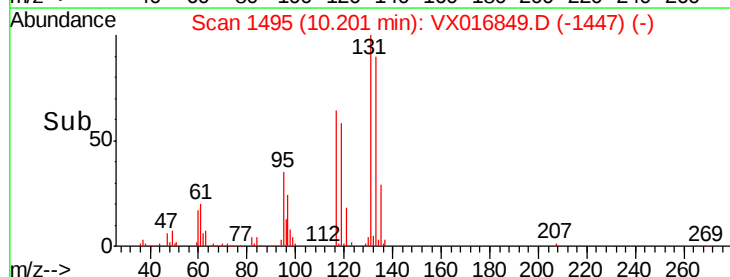
20000

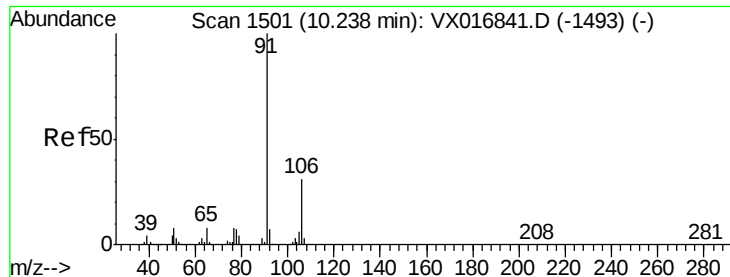
10000

0

10.15 10.20 10.25

Time-->





#67

Ethyl Benzene

Concen: 19.390 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

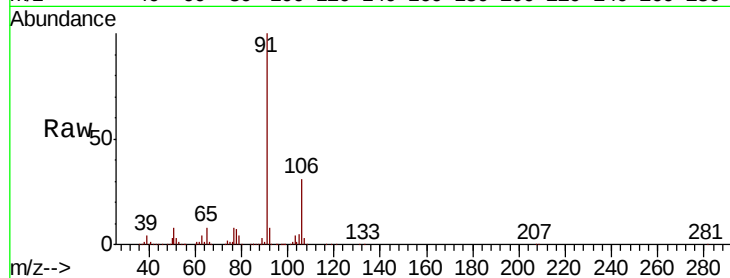
ClientSampleId :

Tot Ion: 91 Resp: 260508

Ion Ratio Lower Upper

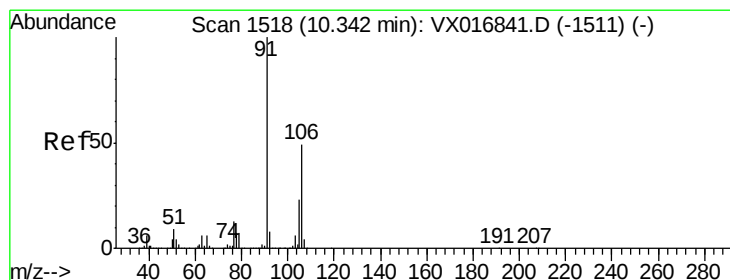
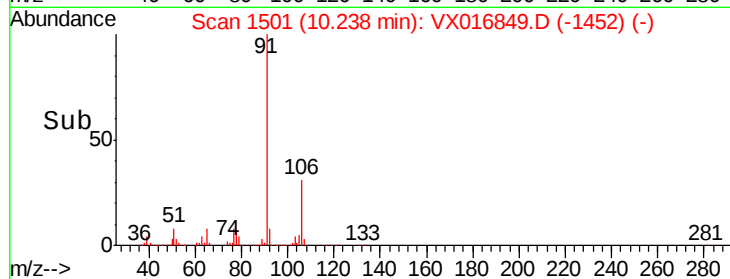
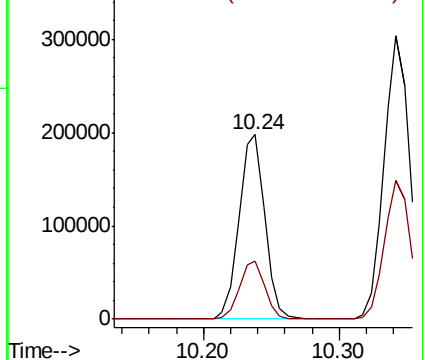
91 100

106 31.3 25.1 37.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 38.084 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016849.D

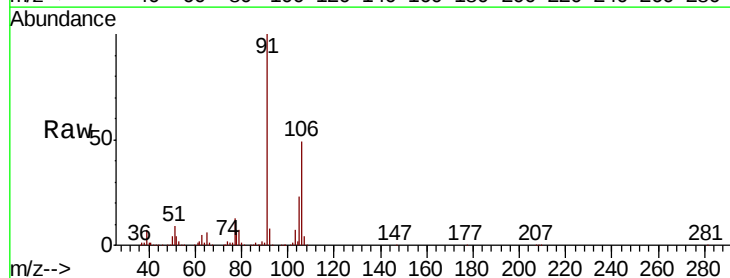
Acq: 18 Jun 2020 20:07

Tgt Ion: 106 Resp: 199104

Ion Ratio Lower Upper

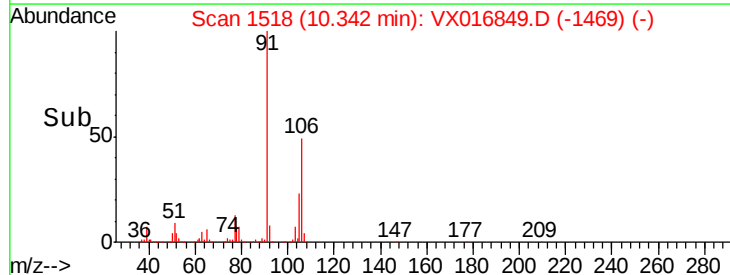
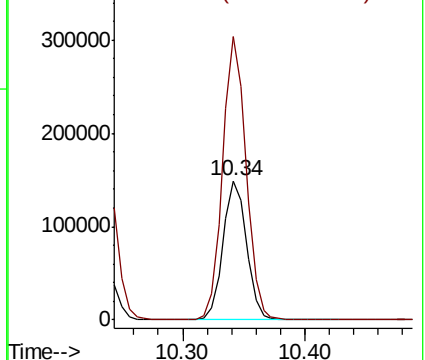
106 100

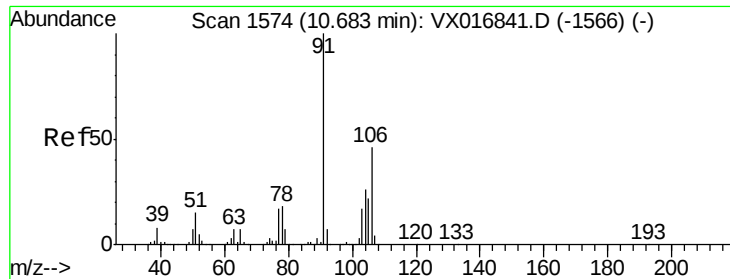
91 202.2 161.5 242.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

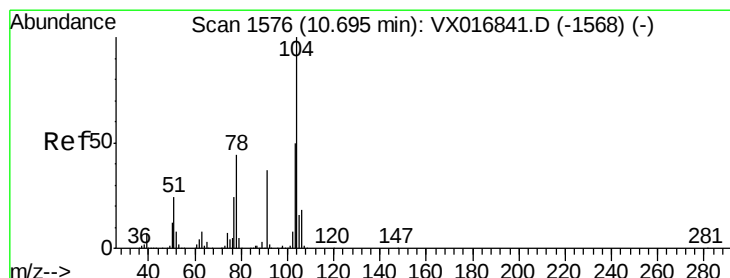
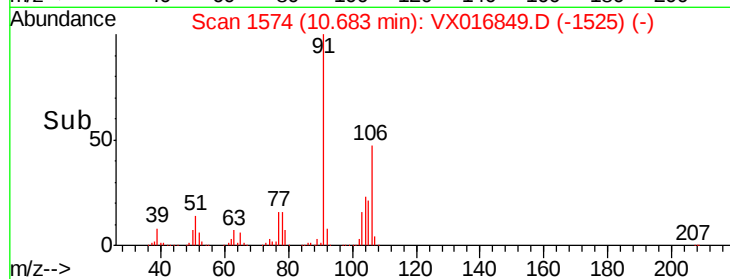
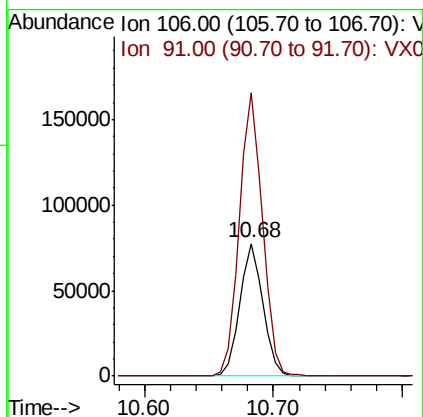
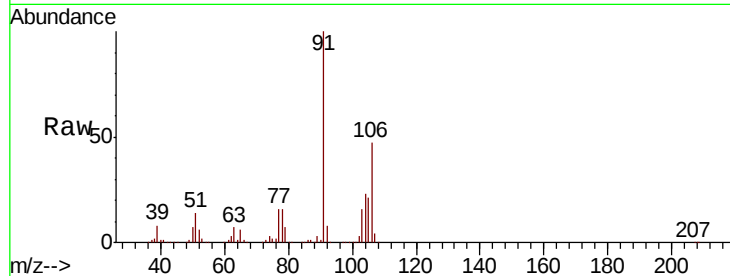




#69
o-Xylene
Concen: 19.996 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

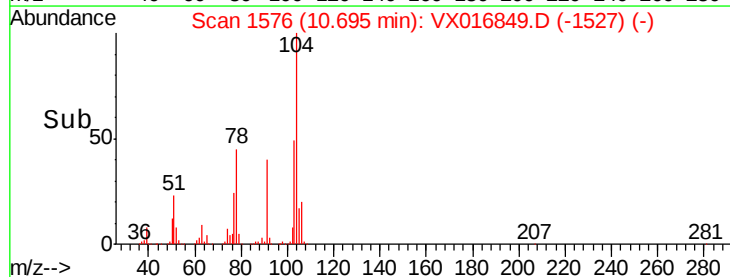
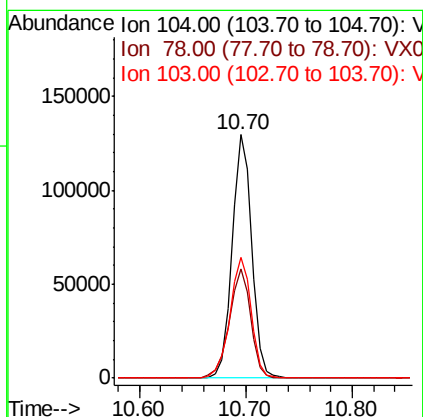
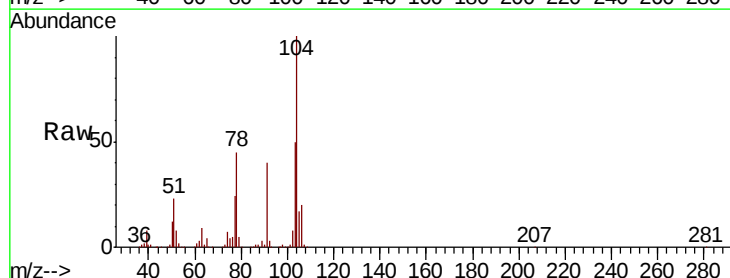
Instrument :
MSVOA_X
ClientSampleId :

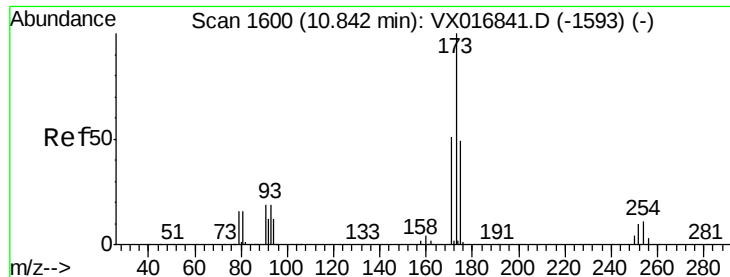
Tot Ion:106 Resp: 96663
Ion Ratio Lower Upper
106 100
91 213.9 107.9 323.7



#70
Styrene
Concen: 20.467 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion:104 Resp: 168112
Ion Ratio Lower Upper
104 100
78 49.1 39.6 59.4
103 53.8 43.3 64.9





#71

Bromoform

Concen: 19.723 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampled :

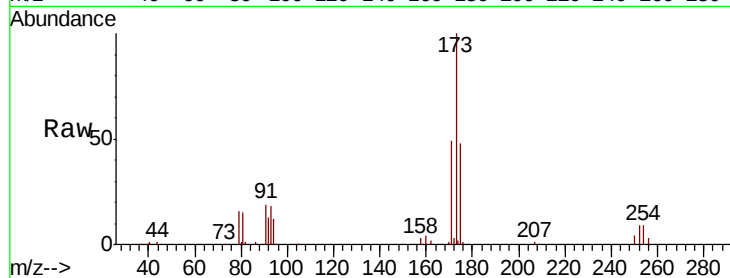
Tot Ion:173 Resp: 51174

Ion Ratio Lower Upper

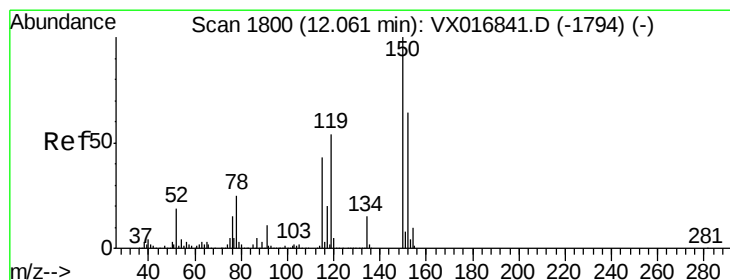
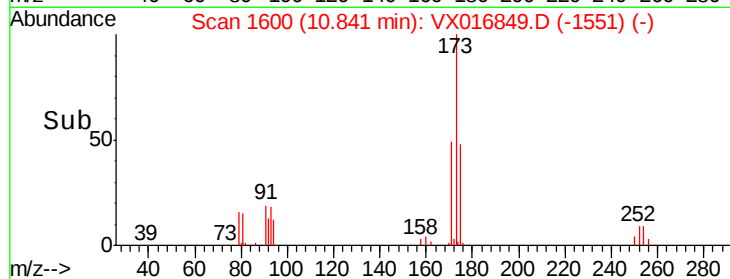
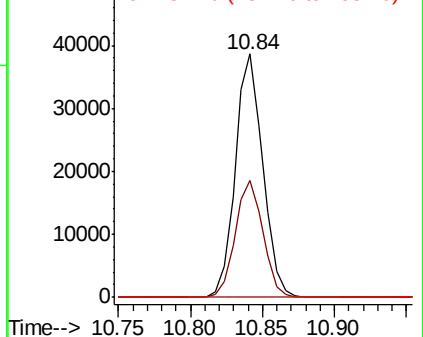
173 100

175 48.4 24.3 73.0

254 0.0 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: VX016849.D

Acq: 18 Jun 2020 20:07

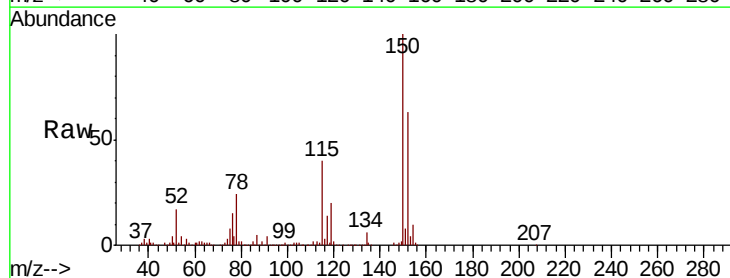
Tgt Ion:152 Resp: 206768

Ion Ratio Lower Upper

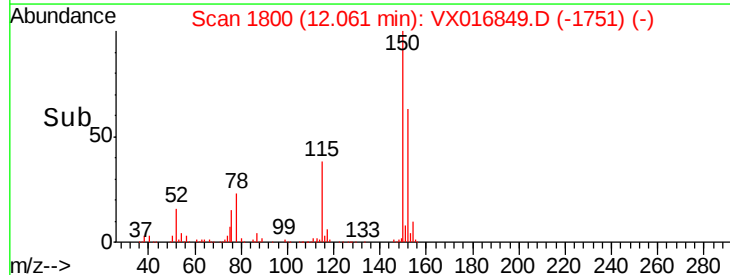
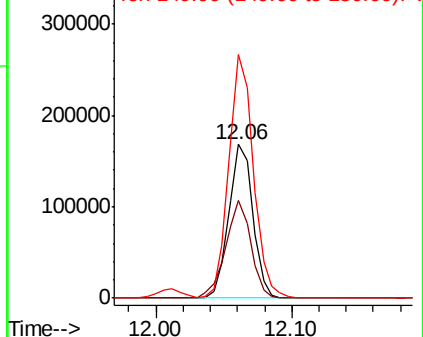
152 100

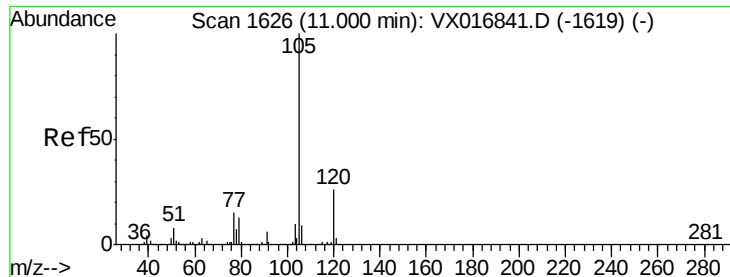
115 66.6 40.9 122.8

150 161.8 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: 18.916 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

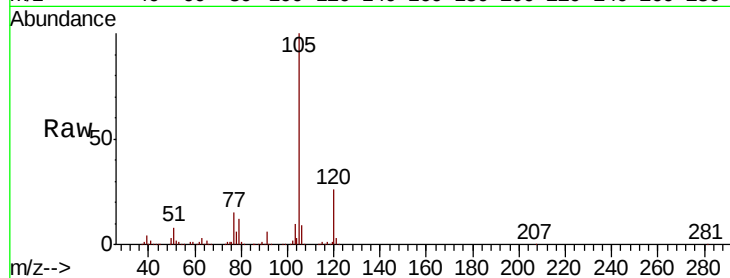
ClientSampleId :

Tot Ion:105 Resp: 261592

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

50000

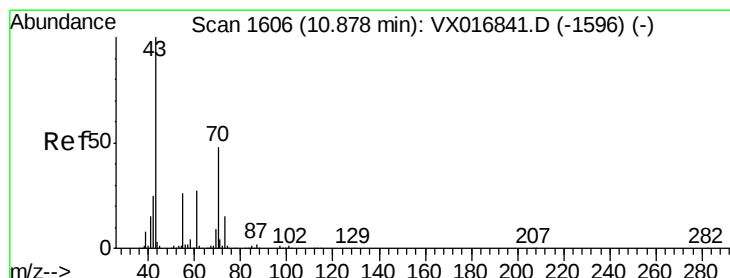
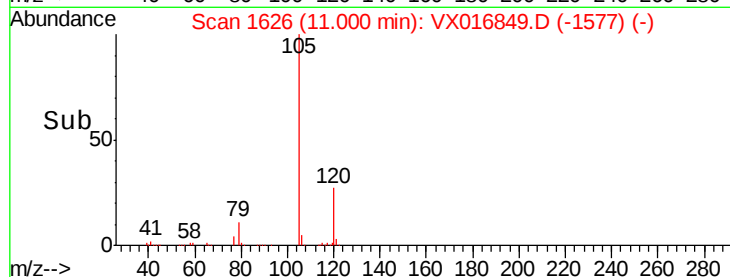
0

11.00

10.90

11.10

Time-->



#74

N-ethyl acetate

Concen: 20.811 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Tgt Ion: 43 Resp: 96745

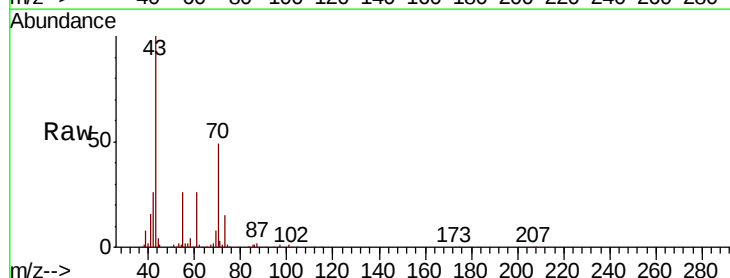
Ion Ratio Lower Upper

43 100

70 48.8 39.9 59.9

55 26.6 21.8 32.6

61 27.3 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

120000

100000

80000

60000

40000

20000

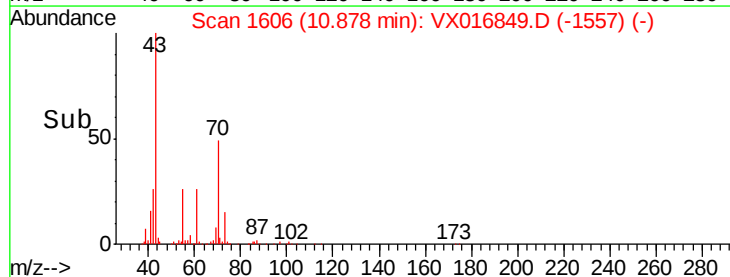
0

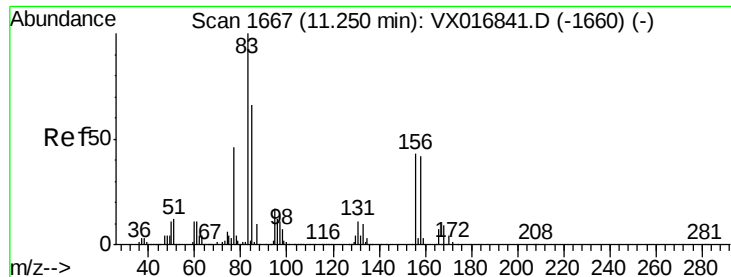
10.88

10.80

10.90

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.245 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.01 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

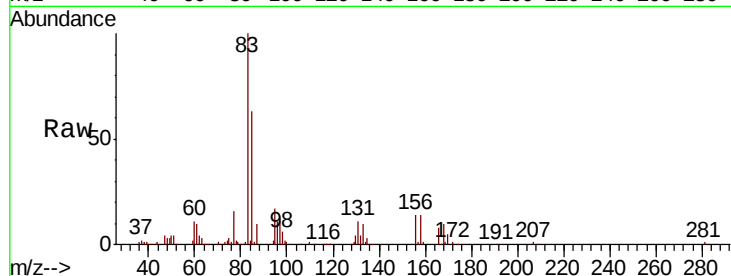
Tot Ion: 83 Resp: 72344

Ion Ratio Lower Upper

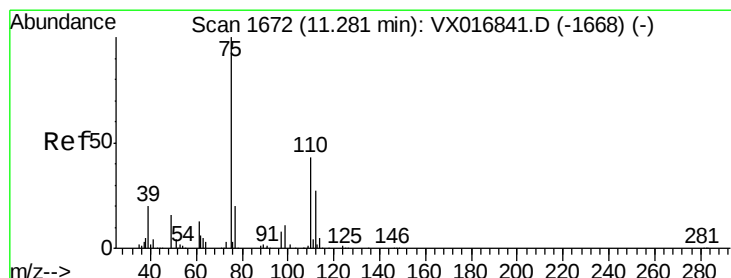
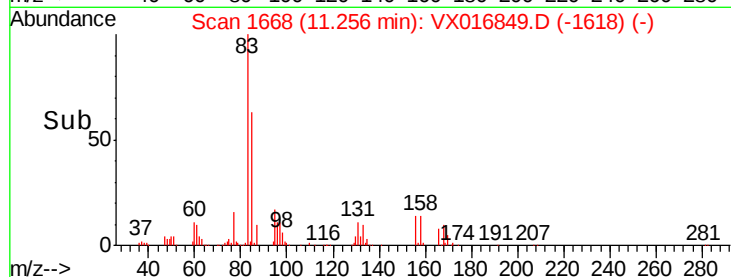
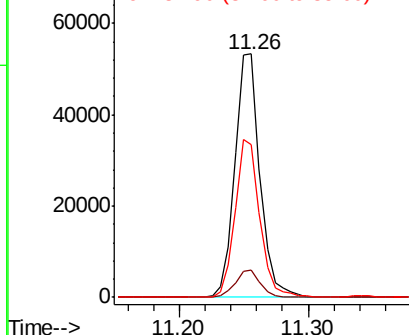
83 100

131 11.2 5.7 17.1

85 64.2 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: 25.214 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016849.D

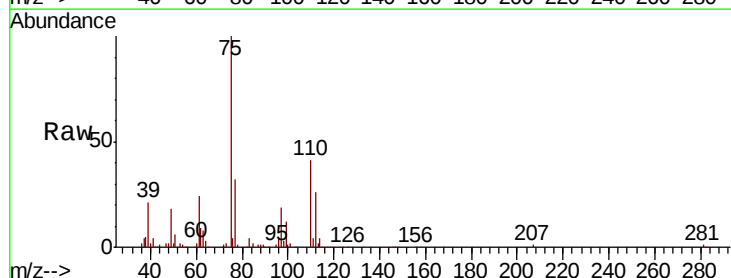
Acq: 18 Jun 2020 20:07

Tgt Ion: 75 Resp: 95427

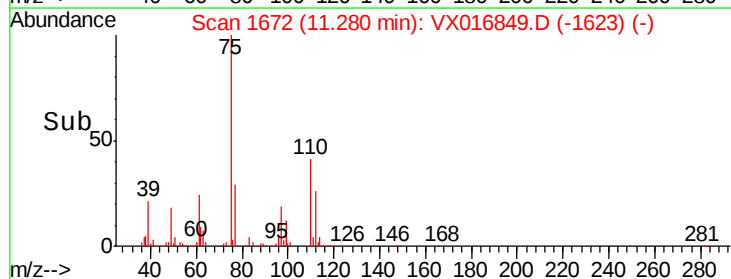
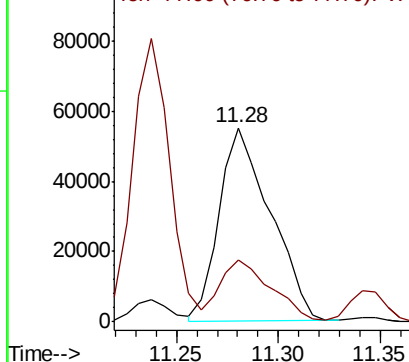
Ion Ratio Lower Upper

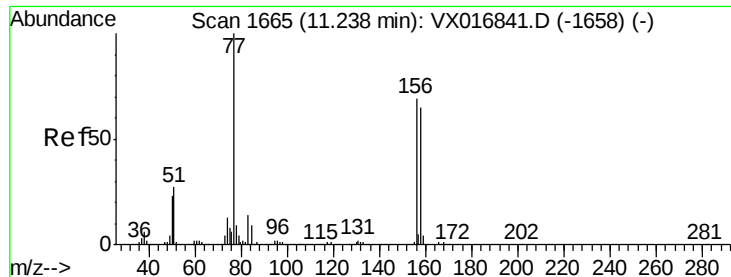
75 100

77 32.3 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: 19.588 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

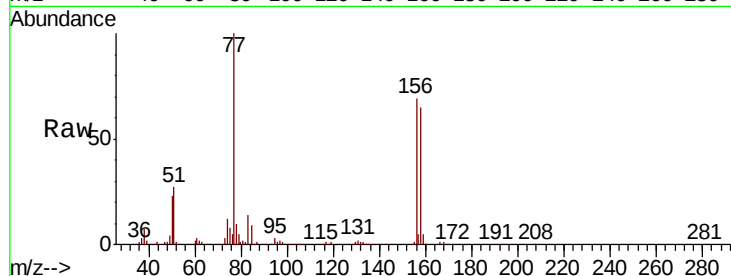
Tot Ion:156 Resp: 71118

Ion Ratio Lower Upper

156 100

77 144.0 73.4 220.2

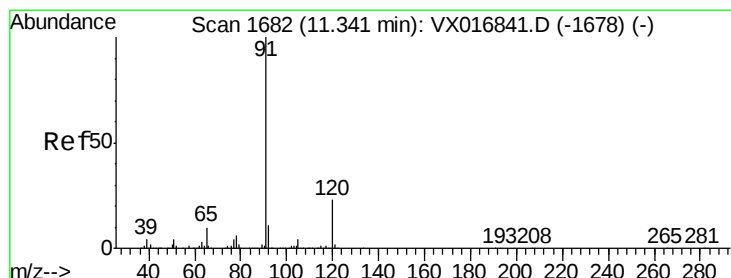
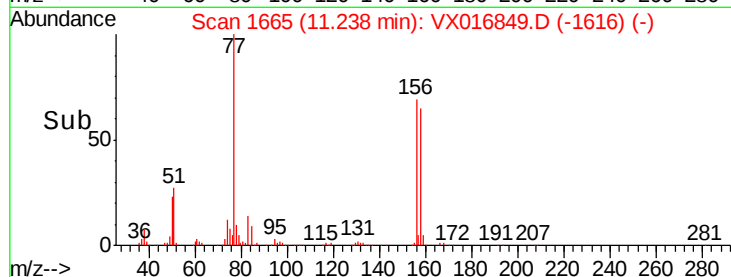
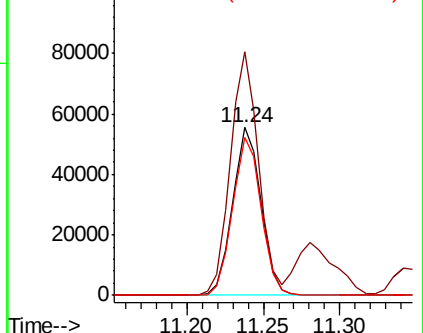
158 94.4 48.8 146.3



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: 19.491 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016849.D

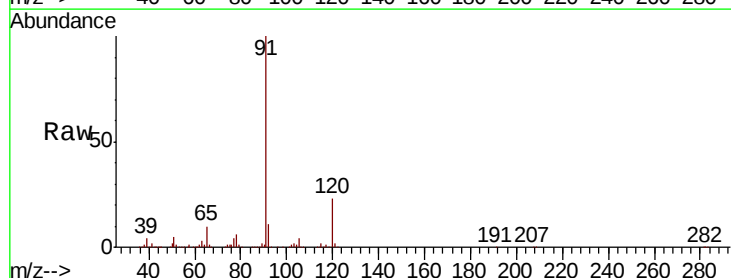
Acq: 18 Jun 2020 20:07

Tgt Ion: 91 Resp: 289588

Ion Ratio Lower Upper

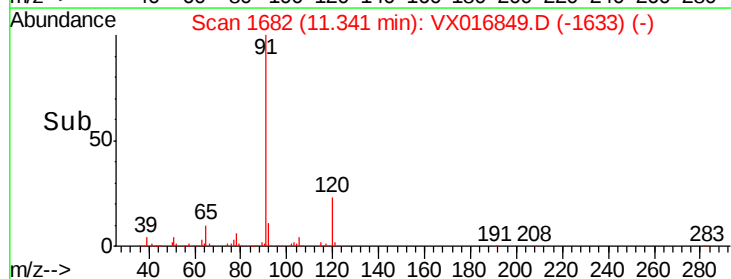
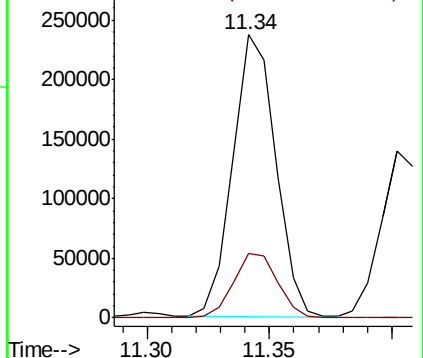
91 100

120 23.7 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: 19.369 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

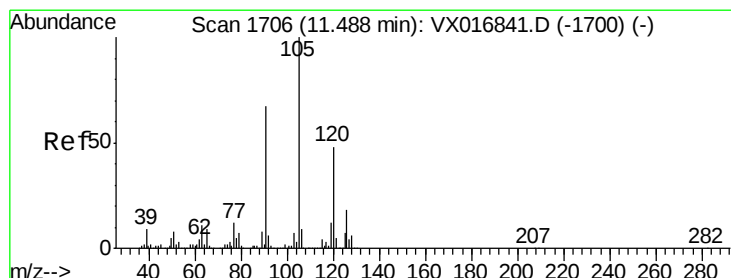
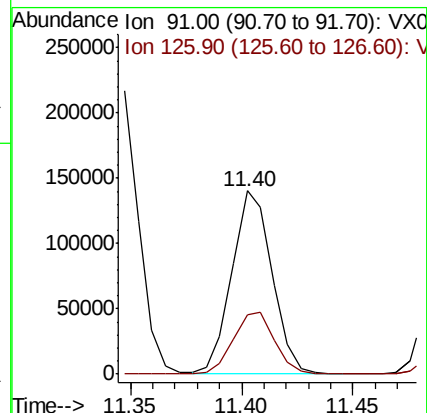
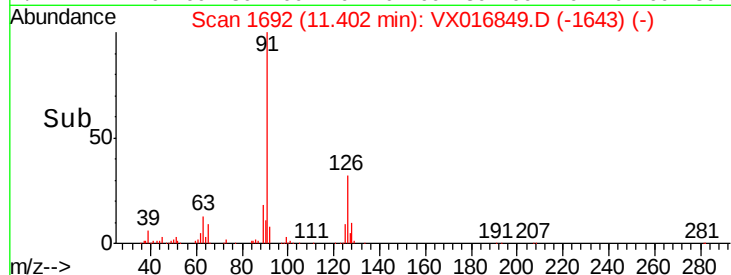
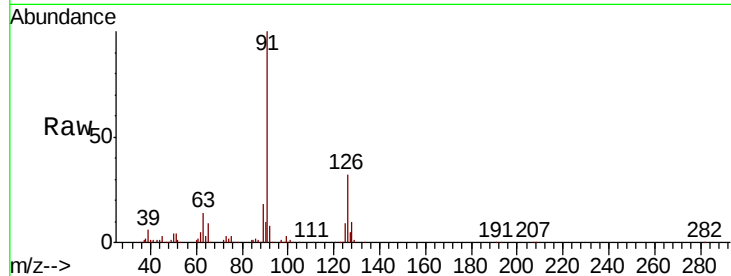
ClientSampled :

Tot Ion: 91 Resp: 176073

Ion Ratio Lower Upper

91 100

126 35.1 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 18.765 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016849.D

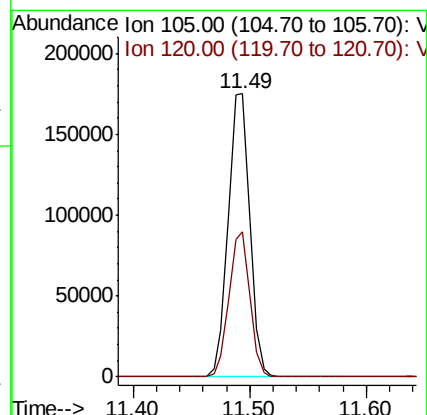
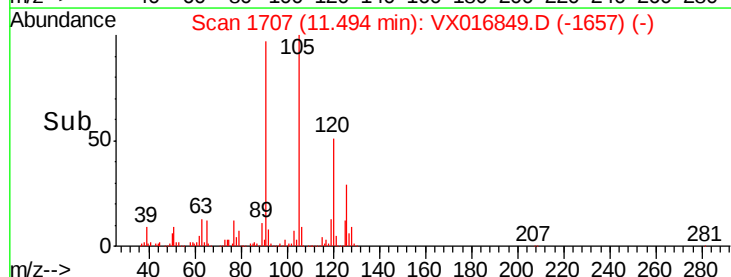
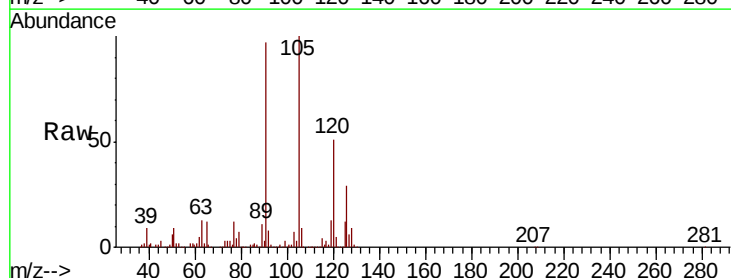
Acq: 18 Jun 2020 20:07

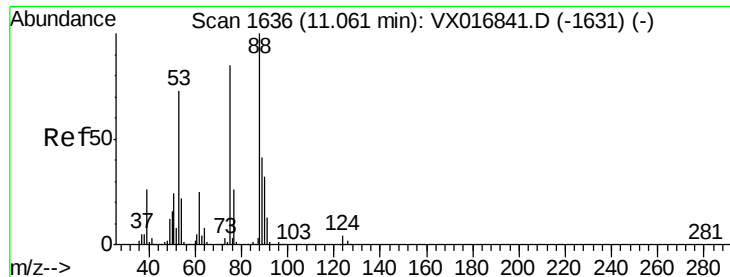
Tgt Ion: 105 Resp: 224834

Ion Ratio Lower Upper

105 100

120 49.5 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 17.997 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

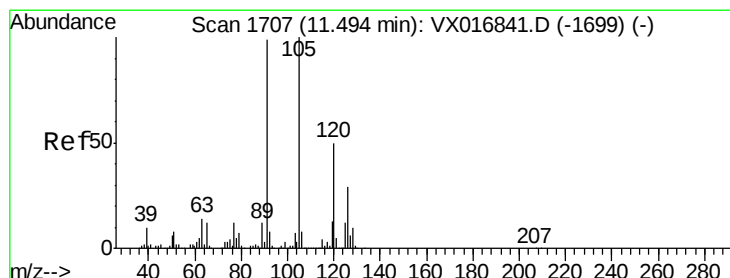
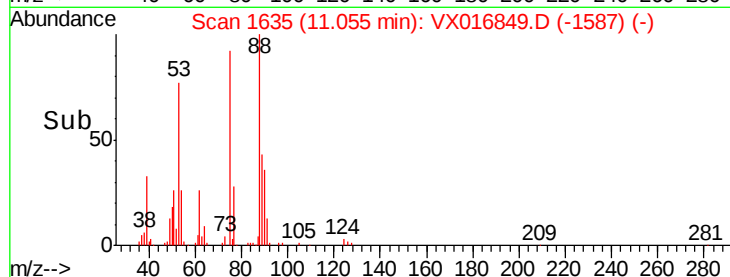
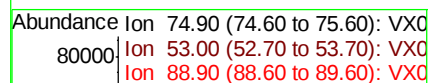
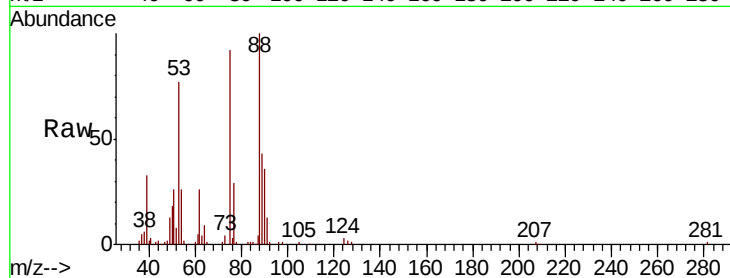
Tot Ion: 75 Resp: 27752

Ion Ratio Lower Upper

75 100

53 84.9 69.8 104.8

89 46.5 38.3 57.5



#82

4-Chlorotoluene

Concen: 19.238 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016849.D

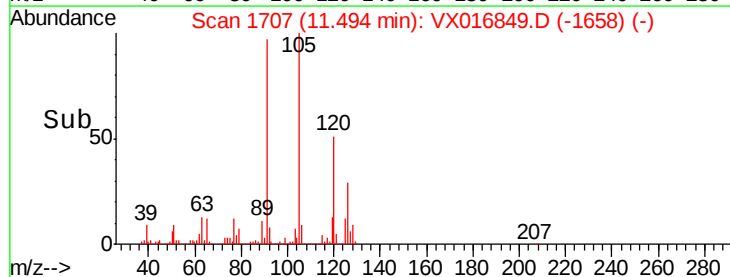
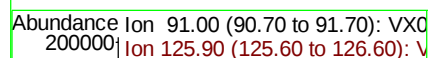
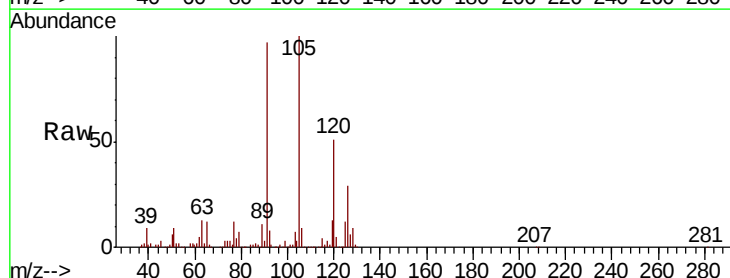
Acq: 18 Jun 2020 20:07

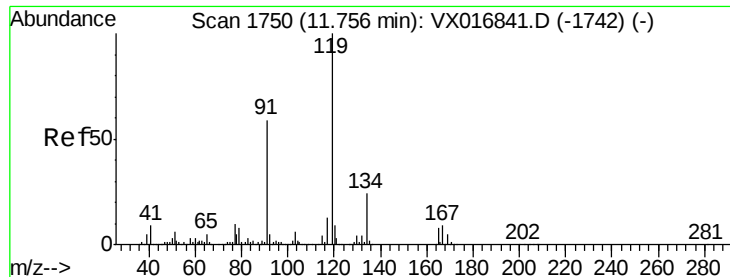
Tgt Ion: 91 Resp: 209802

Ion Ratio Lower Upper

91 100

126 30.0 15.0 45.0

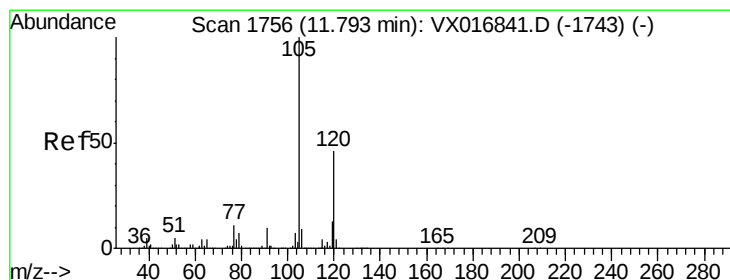
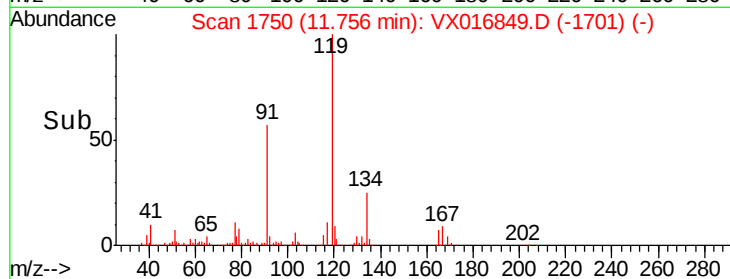
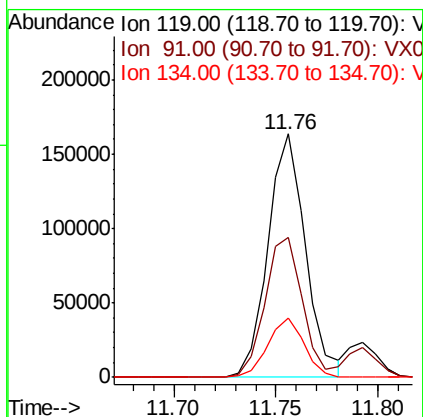
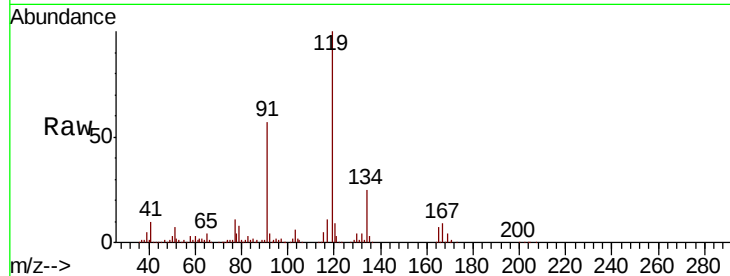




#83
tert-Butylbenzene
Concen: 18.477 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

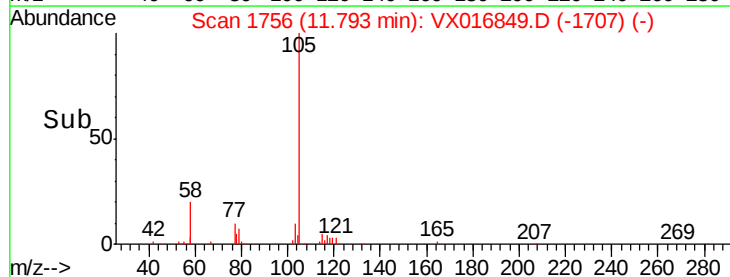
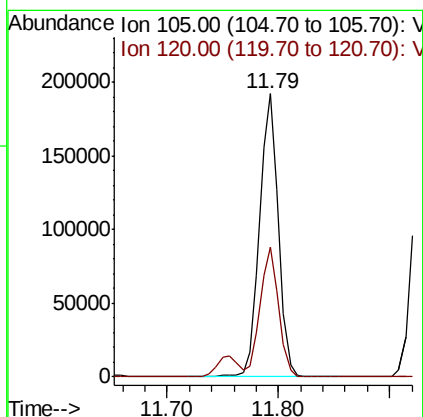
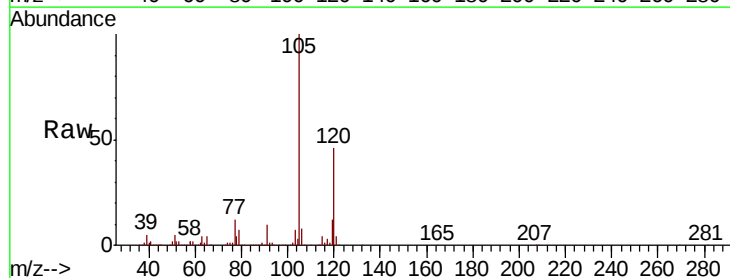
Instrument :
MSVOA_X
ClientSampleId :

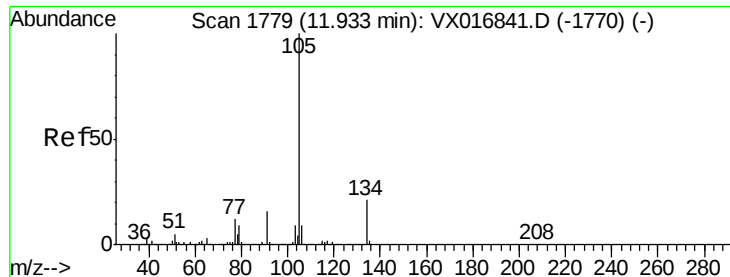
Tot Ion	Ratio	Lower	Upper
119	100		
91	57.1	28.5	85.5
134	23.5	11.7	35.1



#84
1,2,4-Trimethylbenzene
Concen: 19.227 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.1	22.3	66.9





#85

sec-Butylbenzene

Concen: 18.966 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

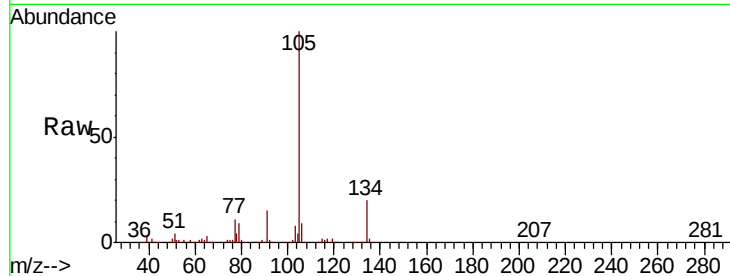
ClientSampleId :

Tot Ion:105 Resp: 250332

Ion Ratio Lower Upper

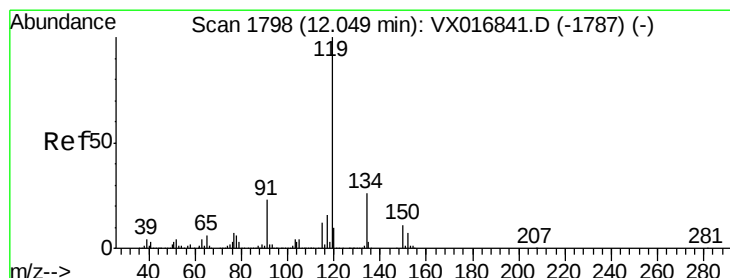
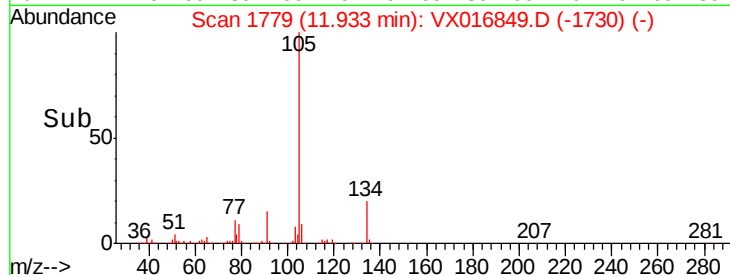
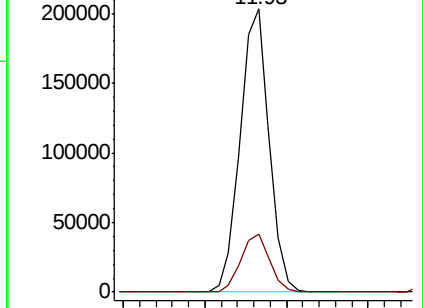
105 100

134 20.5 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: 19.479 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

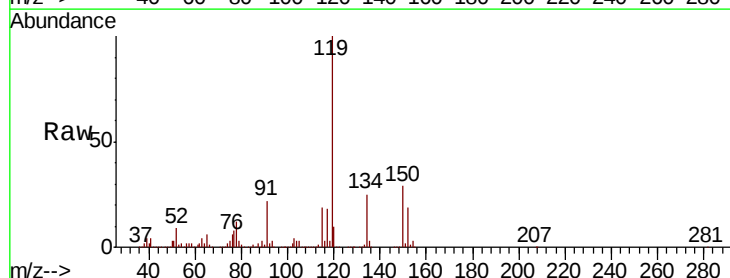
Tgt Ion:119 Resp: 235564

Ion Ratio Lower Upper

119 100

134 25.8 12.9 38.7

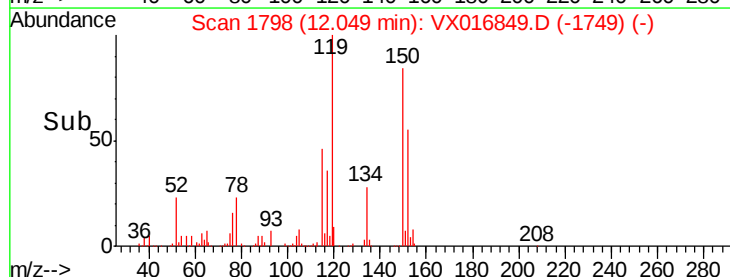
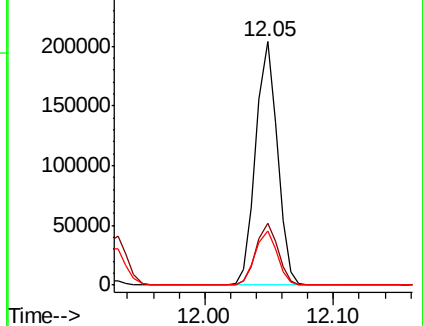
91 22.7 11.6 34.8



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: 19.036 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX016849.D

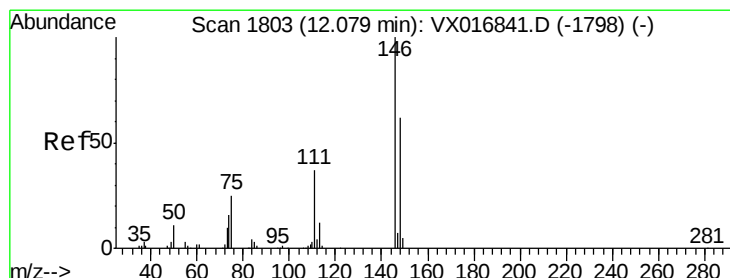
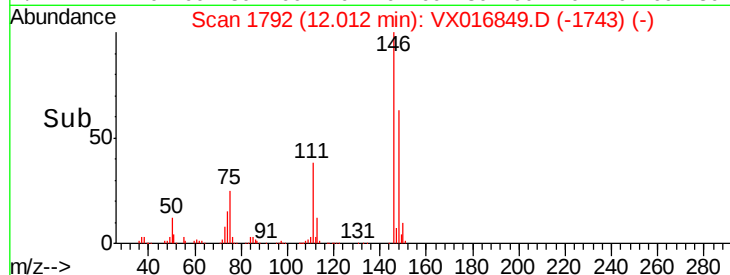
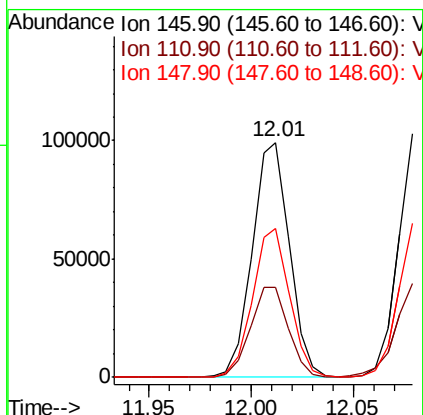
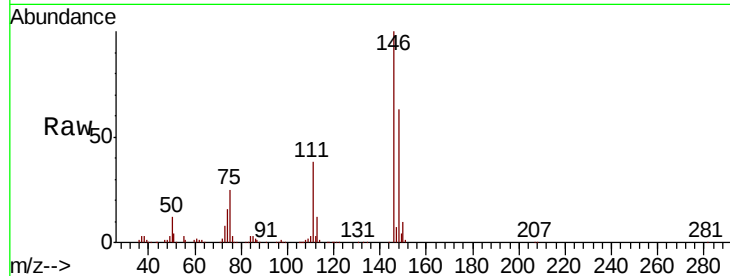
Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:146	Resp:	126271
Ion Ratio	Lower	Upper
146	100	
111	39.3	19.4 58.2
148	62.9	31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 18.800 ug/l

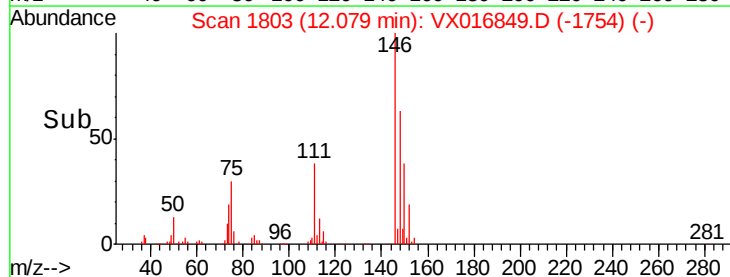
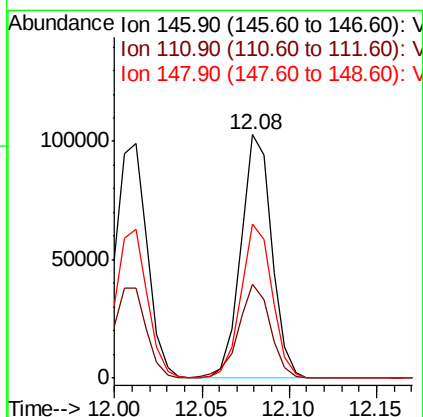
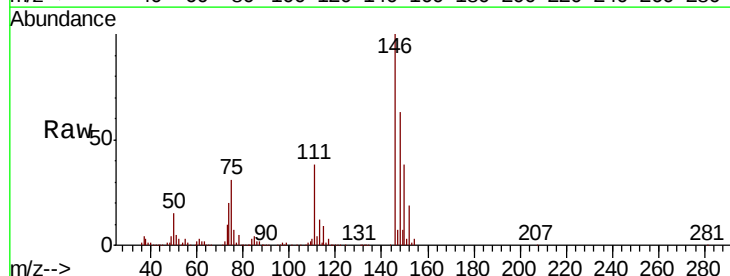
RT: 12.08 min Scan# 1803

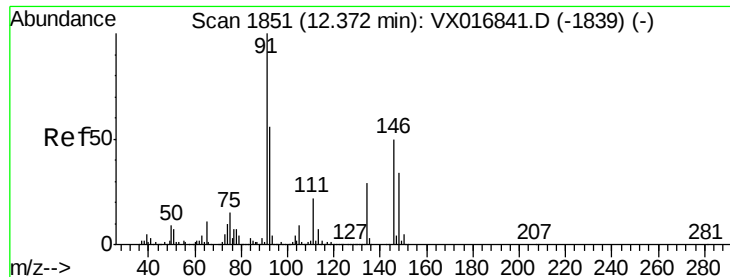
Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Tgt Ion:146	Resp:	126118
Ion Ratio	Lower	Upper
146	100	
111	39.8	19.0 57.0
148	64.1	31.6 95.0





#89

n-Butylbenzene

Concen: 18.524 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

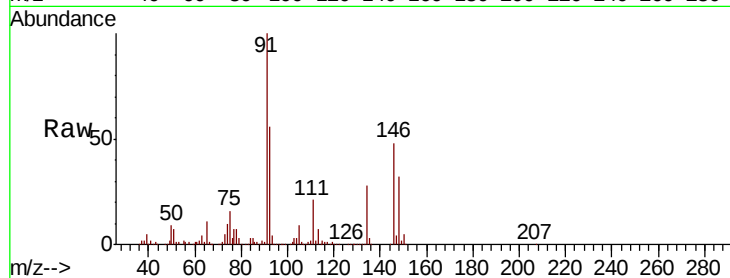
Tot Ion: 91 Resp: 193607

Ion Ratio Lower Upper

91 100

92 55.1 27.4 82.2

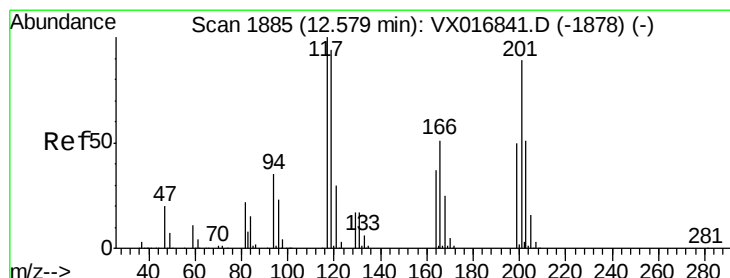
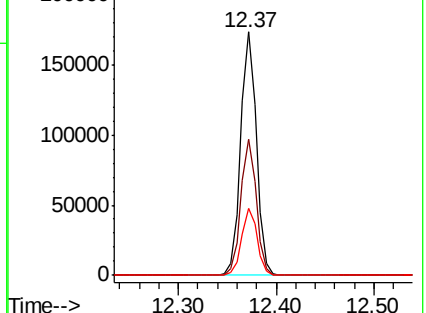
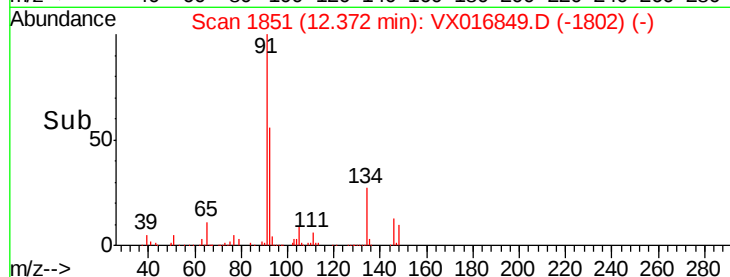
134 27.3 13.9 41.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 21.006 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016849.D

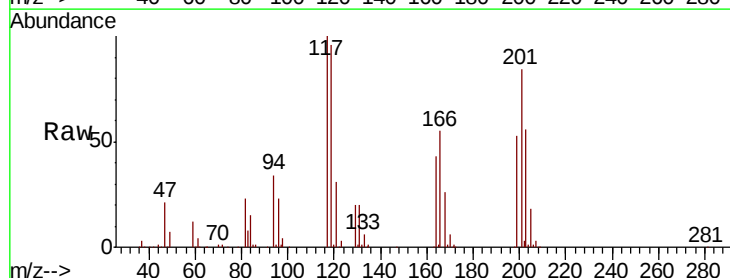
Acq: 18 Jun 2020 20:07

Tgt Ion: 117 Resp: 45760

Ion Ratio Lower Upper

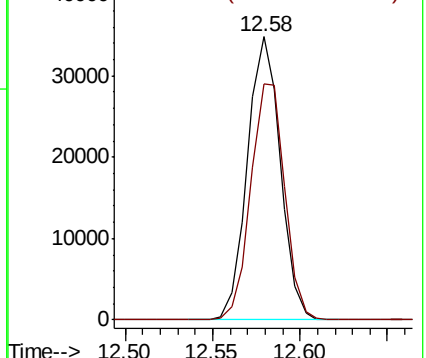
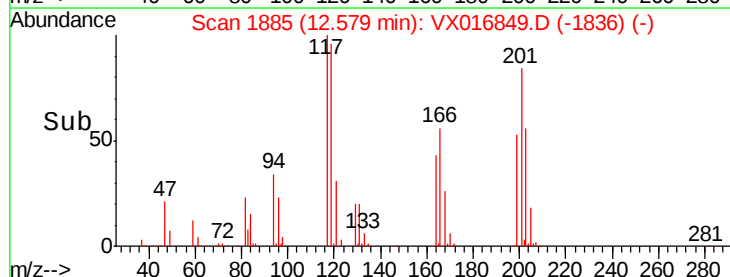
117 100

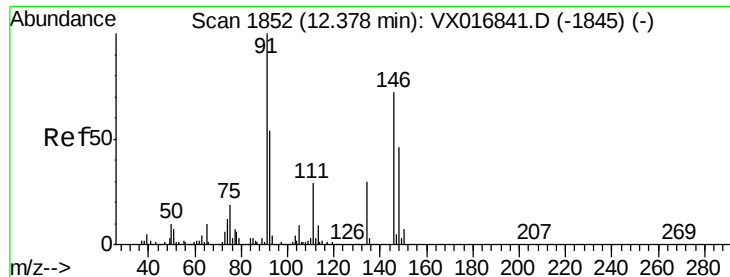
201 86.4 44.9 134.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V





#91

1,2-Dichlorobenzene

Concen: 18.582 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

Instrument :

MSVOA_X

ClientSampleId :

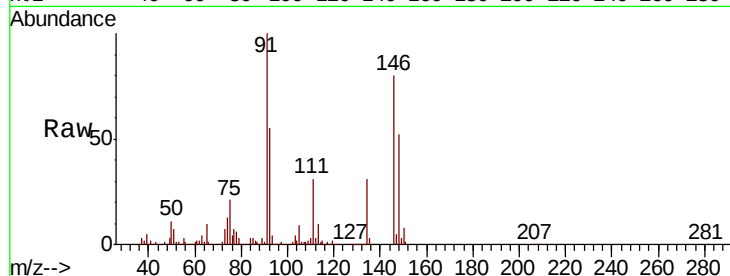
Tot Ion:146 Resp: 118991

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.7

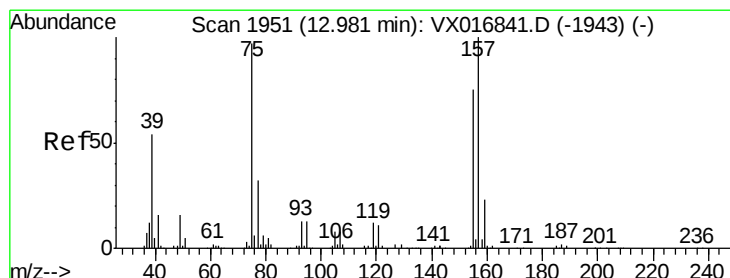
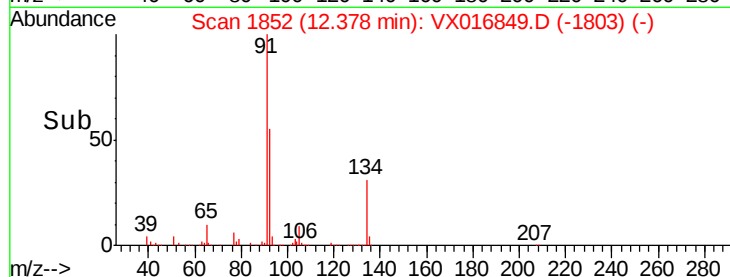
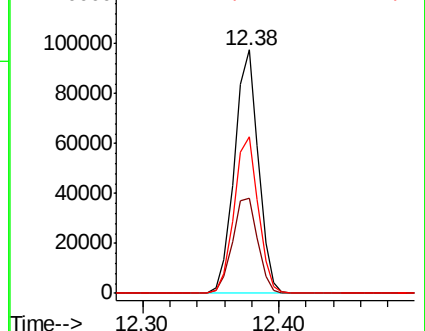
148 65.1 32.9 98.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.097 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX016849.D

Acq: 18 Jun 2020 20:07

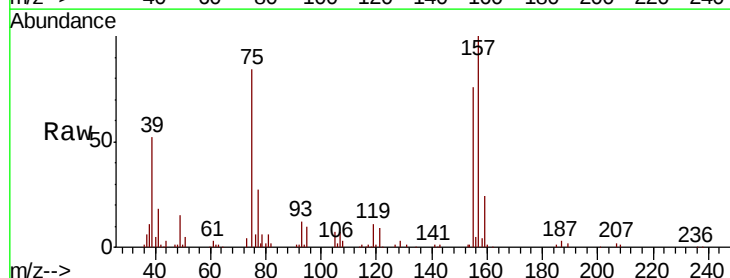
Tgt Ion: 75 Resp: 17022

Ion Ratio Lower Upper

75 100

155 96.7 46.4 139.1

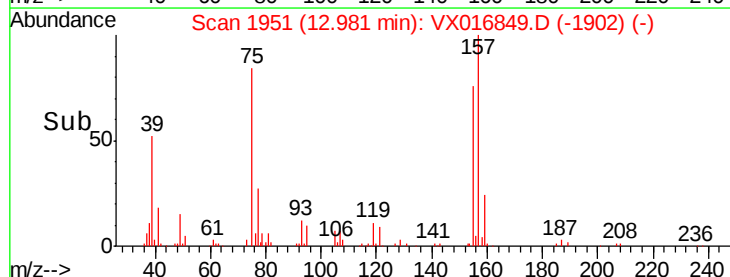
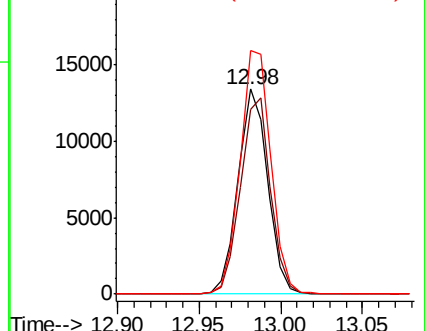
157 123.7 58.6 175.8

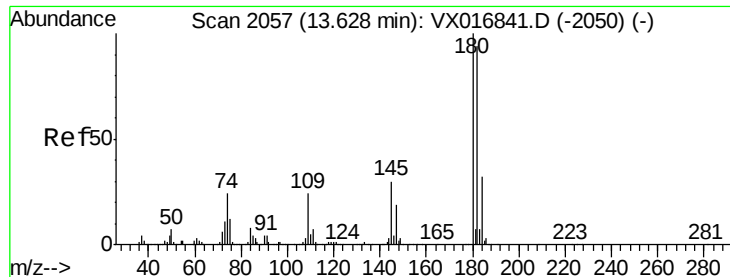


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

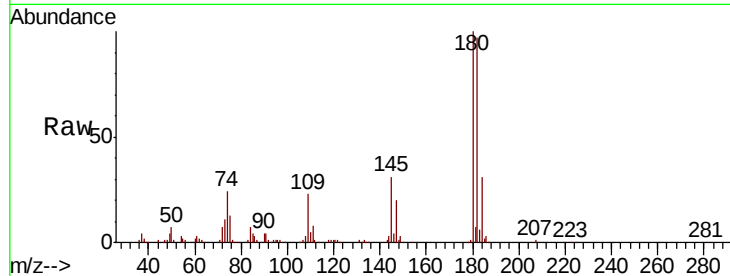




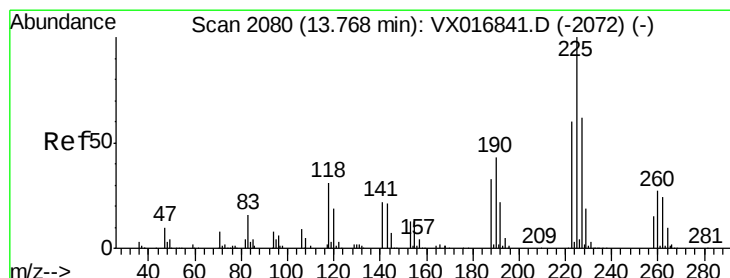
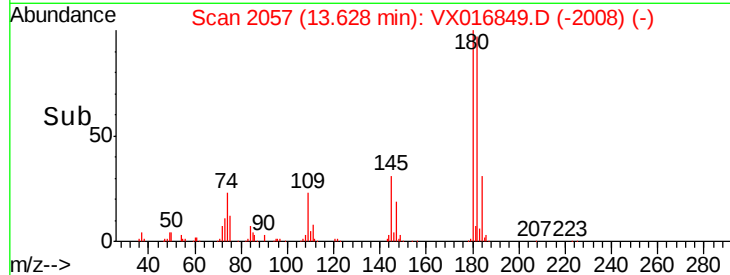
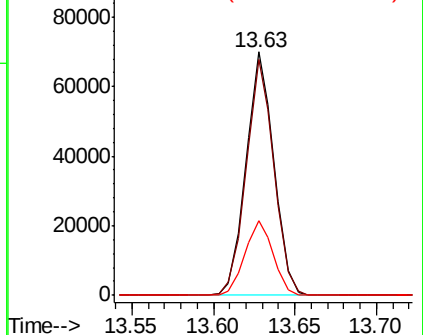
#93
 1,2,4-Trichlorobenzene
 Concen: 19.364 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 83264
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.7 143.1
 145 31.1 15.0 45.1

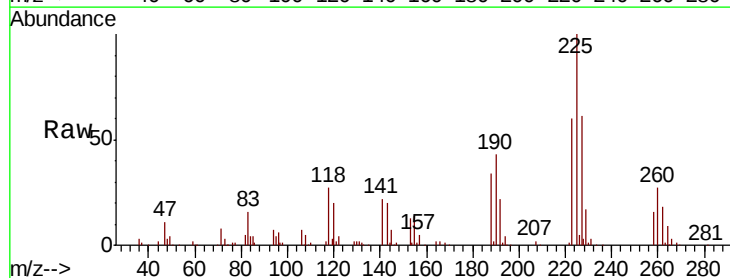


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

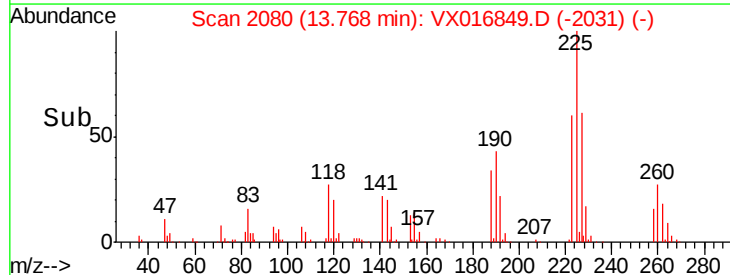
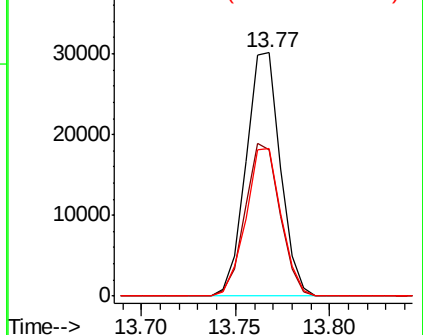


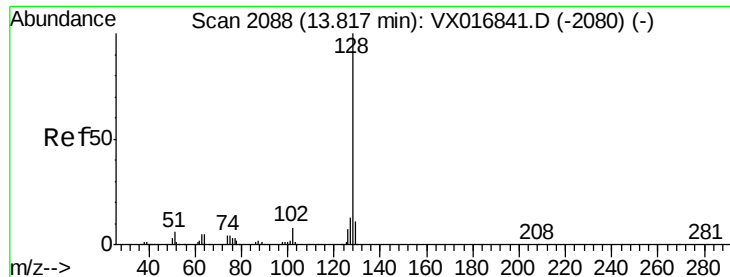
#94
 Hexachlorobutadiene
 Concen: 19.635 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016849.D
 Acq: 18 Jun 2020 20:07

Tgt Ion:225 Resp: 38099
 Ion Ratio Lower Upper
 225 100
 223 63.7 32.1 96.5
 227 62.3 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

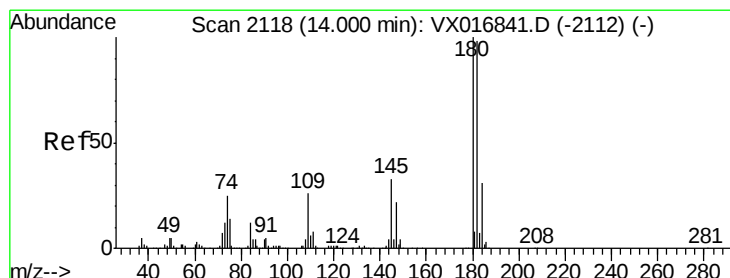
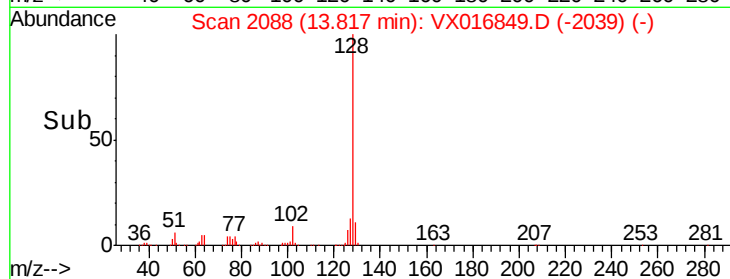
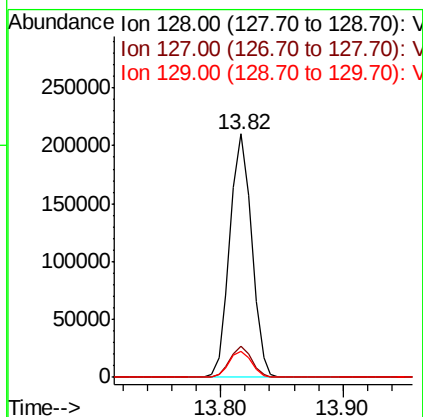
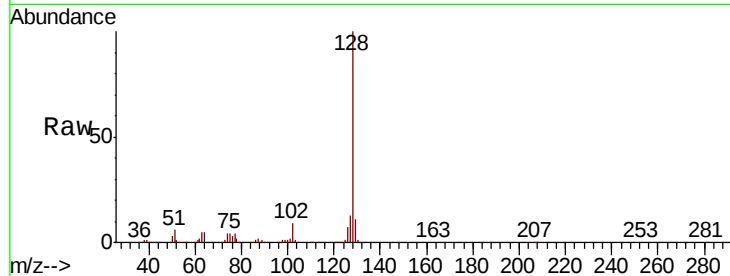




#95
Naphthalene
Concen: 20.573 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 259721
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.582 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016849.D
Acq: 18 Jun 2020 20:07

Tgt Ion:180 Resp: 83971
Ion Ratio Lower Upper
180 100
182 94.7 47.4 142.3
145 32.5 16.0 48.0

