

Data File : VX016754.D
Acq On : 15 Jun 2020 15:14
Operator : JC/SP
Sample : VX0615WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

Quant Time: Jun 16 03:08:31 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	271856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	402351	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	371060	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187034	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	146001	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
35) Dibromofluoromethane	5.46	113	119566	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	8.70	98	462064	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	11.12	95	171153	48.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.76%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	57403	18.781	ug/l 98
3) Chloromethane	1.31	50	55329	18.644	ug/l 98
4) Vinyl Chloride	1.39	62	58027	18.325	ug/l 97
5) Bromomethane	1.63	94	38650	19.653	ug/l 99
6) Chloroethane	1.71	64	34989	17.938	ug/l 99
7) Trichlorofluoromethane	1.92	101	84666	18.564	ug/l 98
8) Diethyl Ether	2.17	74	31898	17.127	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	46791	20.166	ug/l 97
10) Methyl Iodide	2.49	142	44171	15.231	ug/l 99
11) Tert butyl alcohol	3.00	59	64621	84.121	ug/l 99
12) 1,1-Dichloroethene	2.36	96	47119	17.733	ug/l 97
13) Acrolein	2.27	56	29737	92.381	ug/l 99
14) Allyl chloride	2.71	41	72425	17.428	ug/l 98
15) Acrylonitrile	3.11	53	129847	83.300	ug/l 100
16) Acetone	2.42	43	117824	84.945	ug/l 98
17) Carbon Disulfide	2.55	76	137220	18.032	ug/l 100
18) Methyl Acetate	2.75	43	64757	17.491	ug/l 98
19) Methyl tert-butyl Ether	3.17	73	155290	17.148	ug/l 98
20) Methylene Chloride	2.83	84	51080	17.097	ug/l 95
21) trans-1,2-Dichloroethene	3.14	96	49091	17.193	ug/l 98
22) Diisopropyl ether	3.82	45	137972	17.676	ug/l 93
23) Vinyl Acetate	3.78	43	577254	85.560	ug/l 100
24) 1,1-Dichloroethane	3.67	63	82865	16.973	ug/l 99
25) 2-Butanone	4.63	43	173725	83.104	ug/l 100
26) 2,2-Dichloropropane	4.54	77	80666	17.844	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	54383	16.664	ug/l 99
28) Bromochloromethane	4.98	49	45266	21.735	ug/l 98
29) Tetrahydrofuran	5.09	42	112780	83.281	ug/l 99
30) Chloroform	5.17	83	88000	17.037	ug/l 99
31) Cyclohexane	5.54	56	72220	18.810	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	82291	17.558	ug/l 98
36) 1,1-Dichloropropene	5.76	75	65762	18.495	ug/l 98
37) Ethyl Acetate	4.79	43	68148	17.501	ug/l 99
38) Carbon Tetrachloride	5.75	117	74522	18.454	ug/l 96

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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	76262	19.096	ug/l	99
40) Benzene	6.11	78	194086	17.928	ug/l	97
41) Methacrylonitrile	4.99	41	36533	17.596	ug/l	98
42) 1,2-Dichloroethane	6.16	62	70120	17.746	ug/l	99
43) Isopropyl Acetate	6.41	43	106894	17.516	ug/l	99
44) Trichloroethene	7.19	130	62083	18.539	ug/l	96
45) 1,2-Dichloropropane	7.49	63	48069	18.113	ug/l	93
46) Dibromomethane	7.63	93	33834	17.492	ug/l	99
47) Bromodichloromethane	7.87	83	70170	17.401	ug/l	100
48) Methyl methacrylate	7.74	41	50676	17.520	ug/l	100
49) 1,4-Dioxane	7.71	88	25592	357.524	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	331978	88.278	ug/l	100
52) Toluene	8.76	92	126667	18.013	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	79587	17.474	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	83736	17.626	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	49328	17.443	ug/l	96
56) Ethyl methacrylate	9.16	69	74018	17.481	ug/l	99
57) 1,3-Dichloropropane	9.35	76	82650	17.386	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	191216	91.848	ug/l	99
59) 2-Hexanone	9.47	43	256065	88.205	ug/l	100
60) Dibromochloromethane	9.56	129	58622	17.540	ug/l	100
61) 1,2-Dibromoethane	9.65	107	52473	17.025	ug/l	99
64) Tetrachloroethene	9.32	164	66669	18.711	ug/l	98
65) Chlorobenzene	10.12	112	135076	17.940	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	53814	17.916	ug/l	98
67) Ethyl Benzene	10.23	91	238488	18.737	ug/l	98
68) m/p-Xylenes	10.34	106	179253	37.143	ug/l	99
69) o-Xylene	10.68	106	83804	18.025	ug/l	97
70) Styrene	10.70	104	147146	18.308	ug/l	99
71) Bromoform	10.84	173	45304	17.678	ug/l #	99
73) Isopropylbenzene	11.00	105	228985	18.658	ug/l	99
74) N-amyl acetate	10.88	43	86897	18.218	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	62449	17.299	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	89338	22.714	ug/l	86
77) Bromobenzene	11.24	156	62095	17.920	ug/l	99
78) n-propylbenzene	11.34	91	254728	19.113	ug/l	100
79) 2-Chlorotoluene	11.40	91	154964	18.387	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	192822	18.743	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	26569	17.005	ug/l	98
82) 4-Chlorotoluene	11.49	91	186875	18.944	ug/l	99
83) tert-Butylbenzene	11.76	119	177169	18.821	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	195064	18.743	ug/l	99
85) sec-Butylbenzene	11.93	105	212927	19.337	ug/l	99
86) p-Isopropyltoluene	12.05	119	202626	19.179	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	105345	17.982	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	108385	17.841	ug/l	99
89) n-Butylbenzene	12.37	91	163645	18.763	ug/l	99
90) Hexachloroethane	12.58	117	35093	18.012	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	102680	17.527	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	17349	17.185	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061520\
Quantitation Report (Not Reviewed)

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QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration

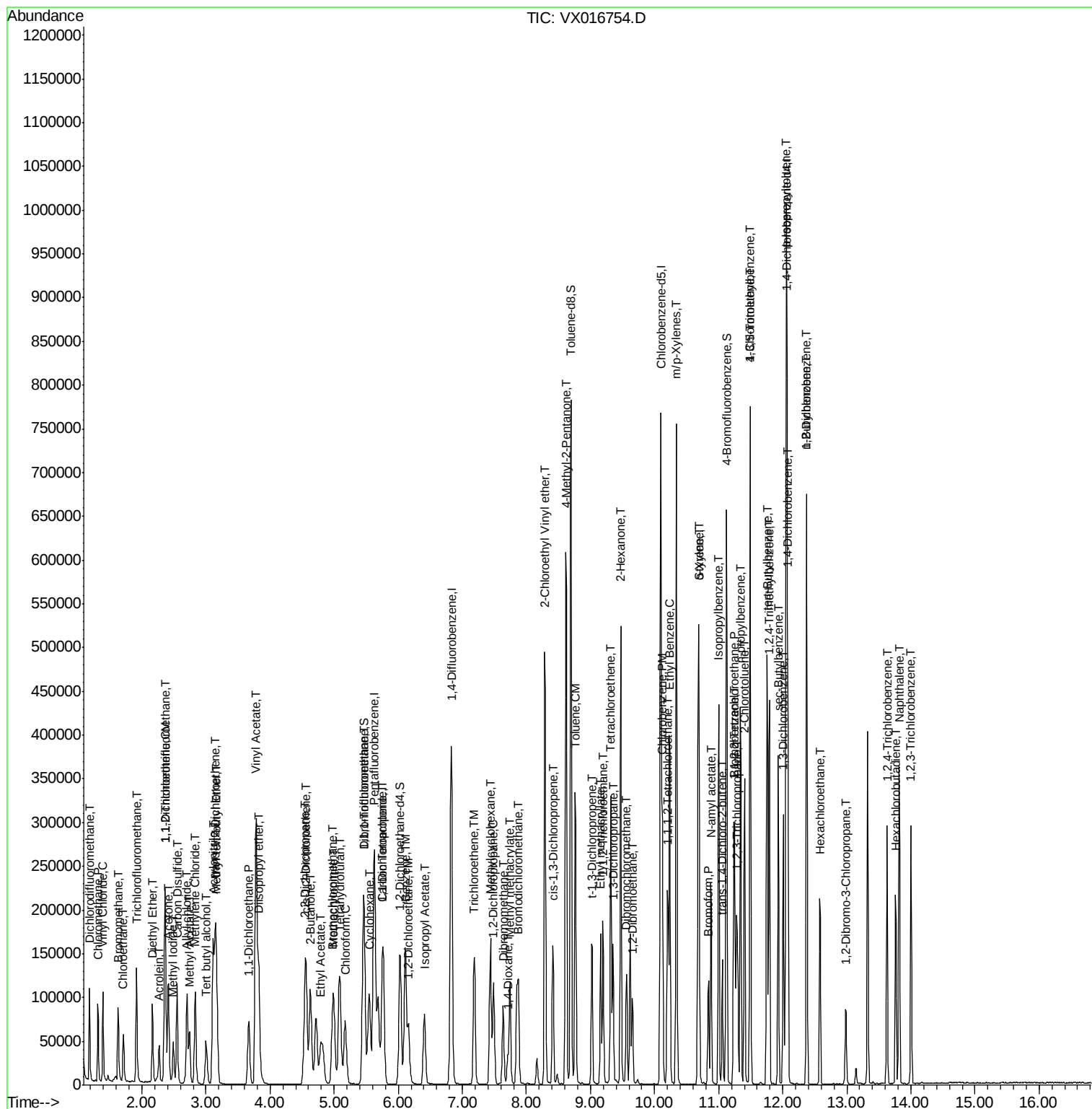
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	73376	17.885	ug/l	98
94) Hexachlorobutadiene	13.76	225	34730	19.492	ug/l	99
95) Naphthalene	13.82	128	225126	17.516	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	74028	18.333	ug/l	99

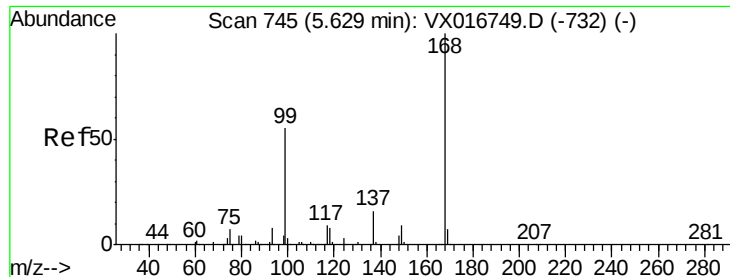
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

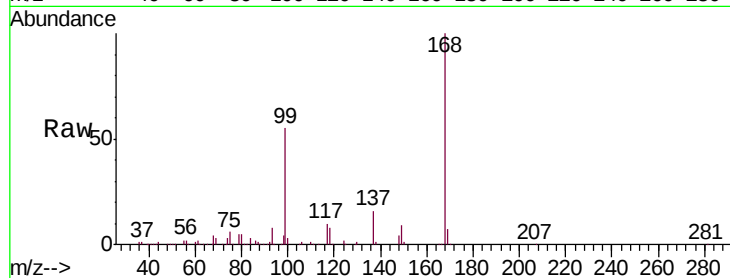
VX0615WBS01

Tgt Ion:168 Resp: 271856

Ion Ratio Lower Upper

168 100

99 54.8 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

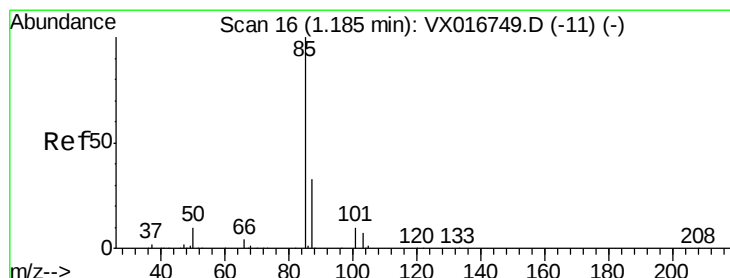
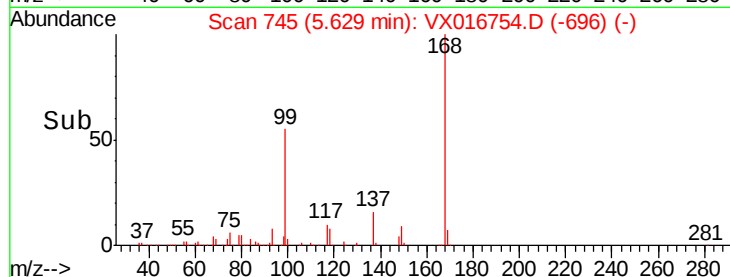
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.781 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016754.D

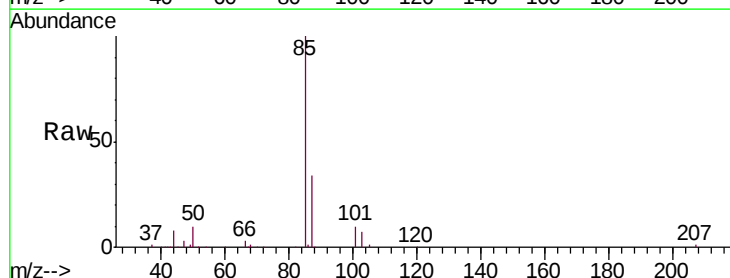
Acq: 15 Jun 2020 15:14

Tgt Ion: 85 Resp: 57403

Ion Ratio Lower Upper

85 100

87 34.1 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

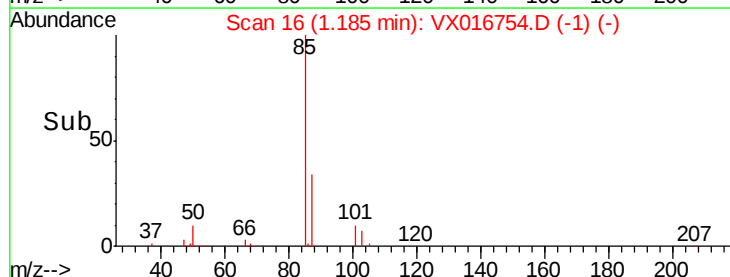
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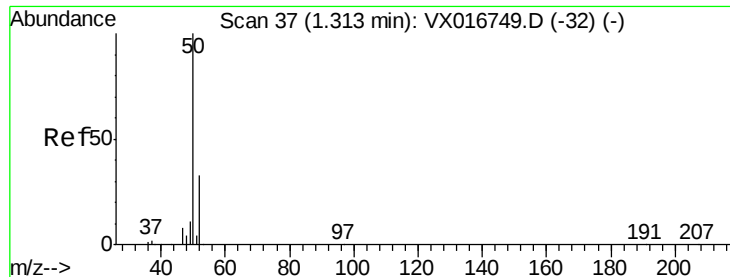
40000

20000

0

Time-->





#3

Chloromethane

Concen: 18.644 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

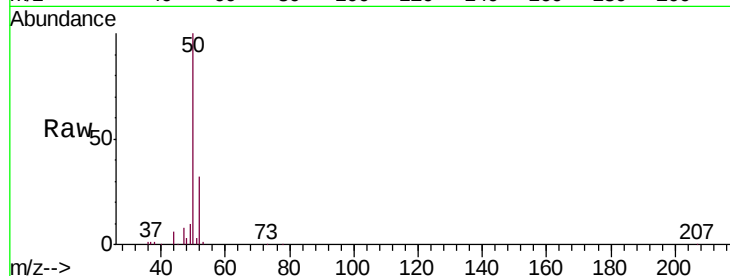
VX0615WBS01

Tgt Ion: 50 Resp: 55329

Ion Ratio Lower Upper

50 100

52 31.9 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

60000

50000

40000

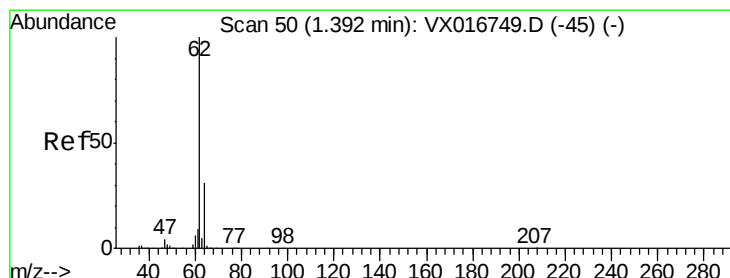
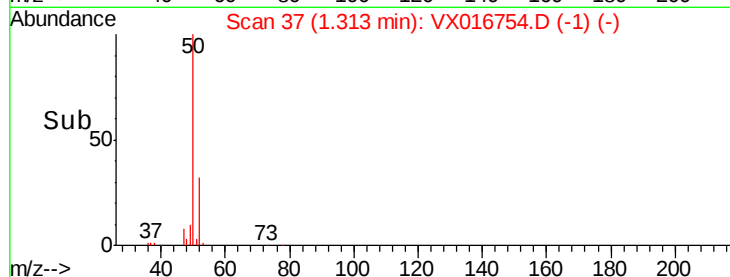
30000

20000

10000

0

Time-->



#4

Vinyl Chloride

Concen: 18.325 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016754.D

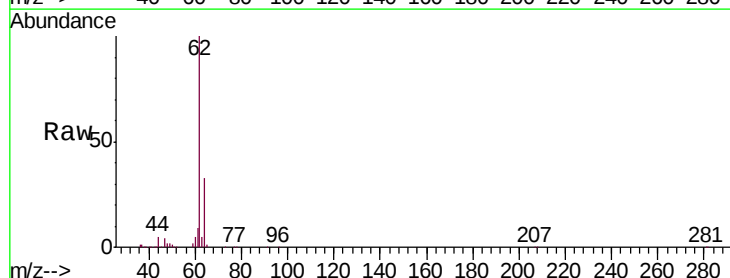
Acq: 15 Jun 2020 15:14

Tgt Ion: 62 Resp: 58027

Ion Ratio Lower Upper

62 100

64 33.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

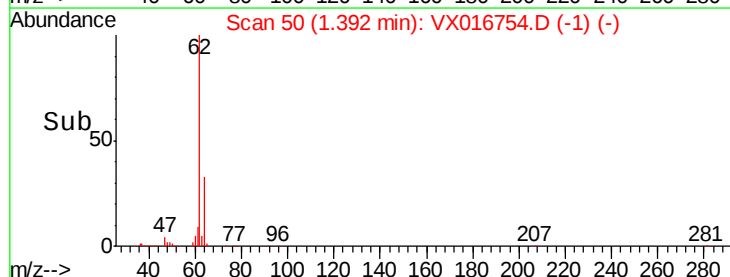
60000

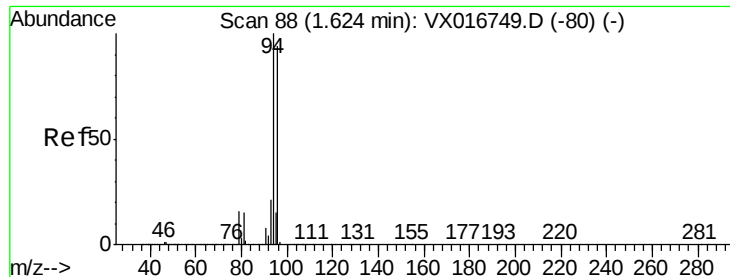
40000

20000

0

Time-->





#5

Bromomethane

Concen: 19.653 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

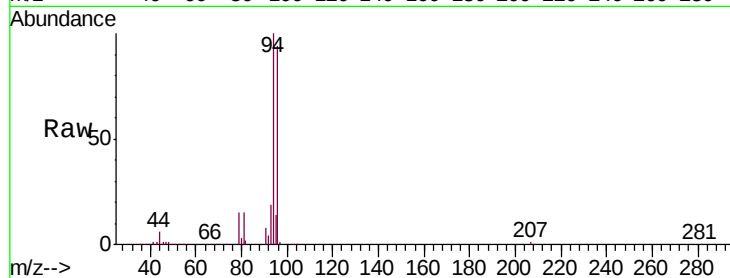
VX0615WBS01

Tgt Ion: 94 Resp: 38650

Ion Ratio Lower Upper

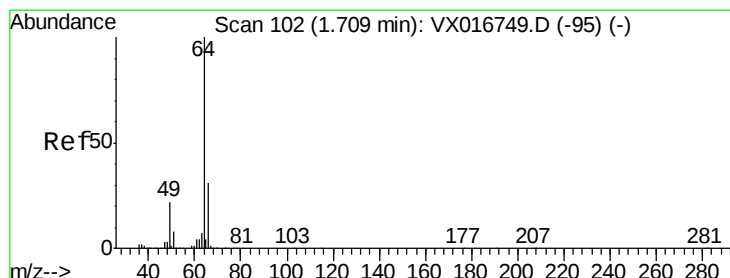
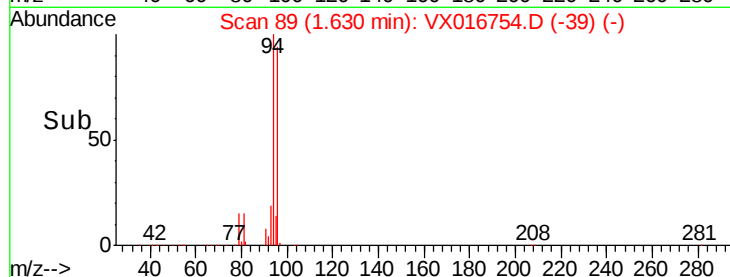
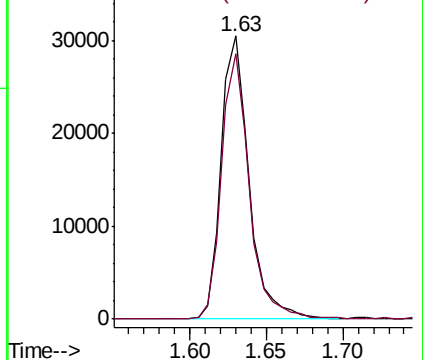
94 100

96 93.6 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 17.938 ug/l

RT: 1.71 min Scan# 102

Delta R.T. -0.00 min

Lab File: VX016754.D

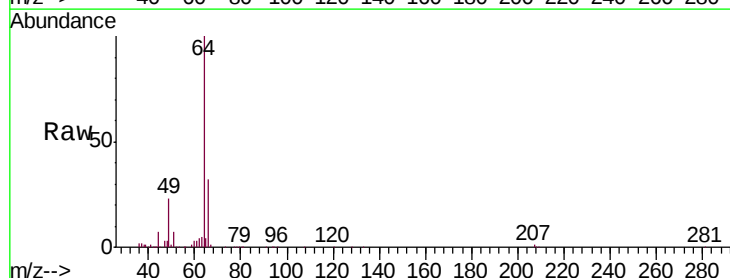
Acq: 15 Jun 2020 15:14

Tgt Ion: 64 Resp: 34989

Ion Ratio Lower Upper

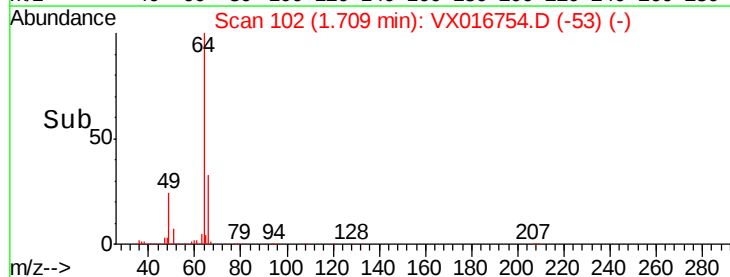
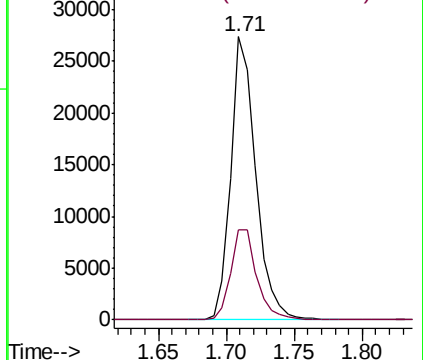
64 100

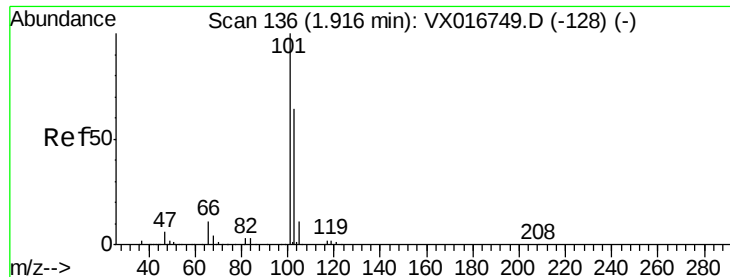
66 31.6 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



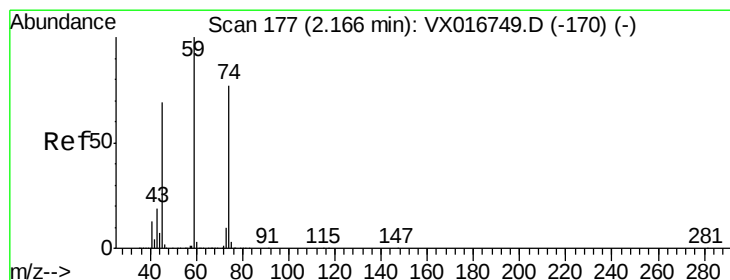
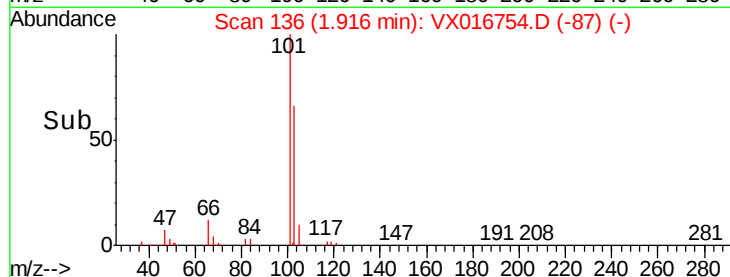
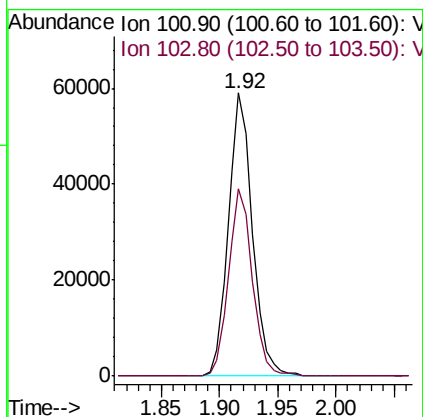
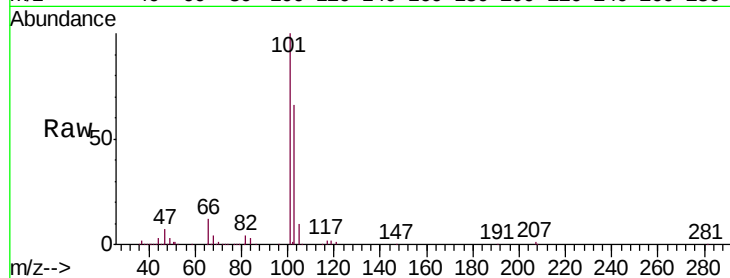


#7

Trichlorofluoromethane
 Concen: 18.564 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016754.D
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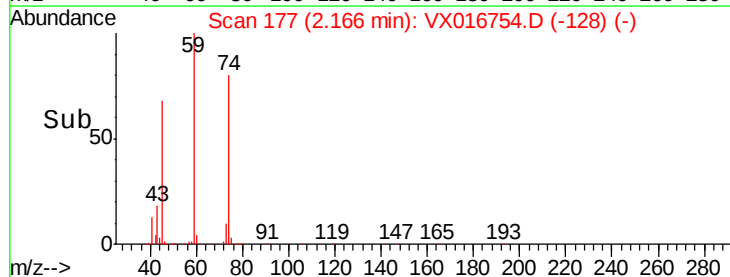
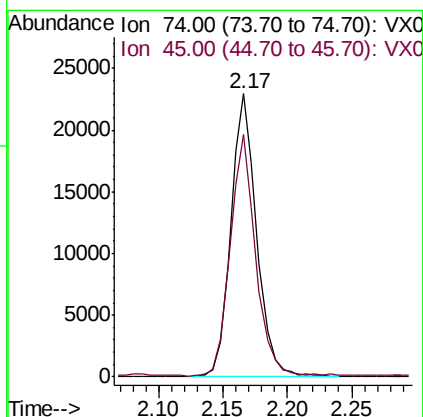
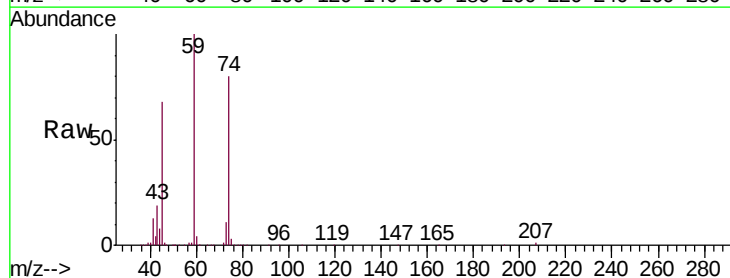
Tgt Ion: 101 Resp: 84666
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.3 76.9

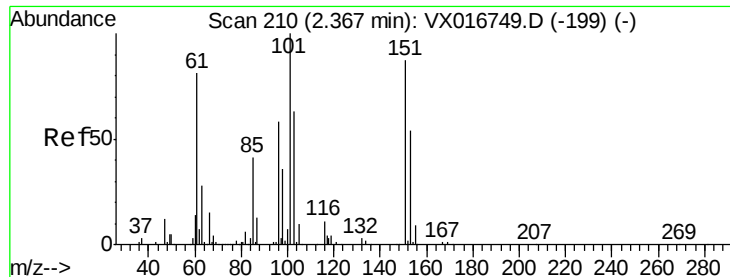


#8

Diethyl Ether
 Concen: 17.127 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

Tgt Ion: 74 Resp: 31898
 Ion Ratio Lower Upper
 74 100
 45 84.3 43.5 130.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.166 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

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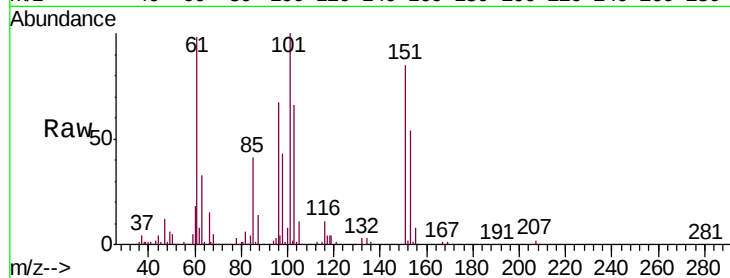
Tgt Ion:101 Resp: 46791

Ion Ratio Lower Upper

101 100

85 42.1 34.0 51.0

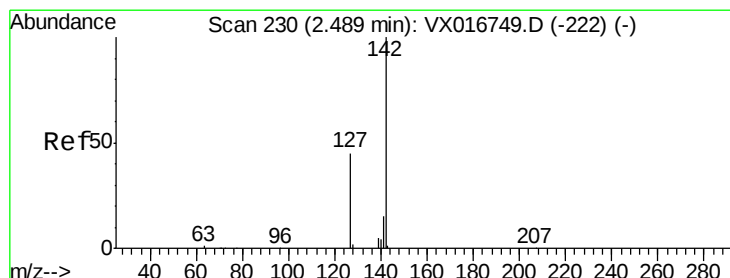
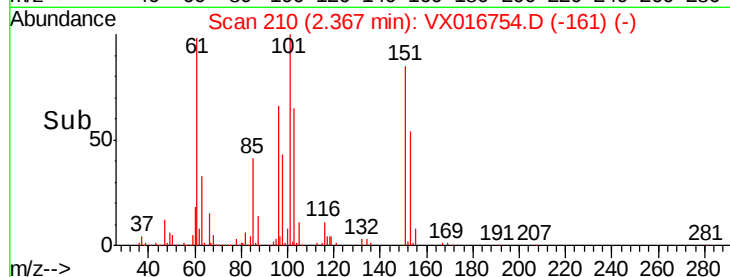
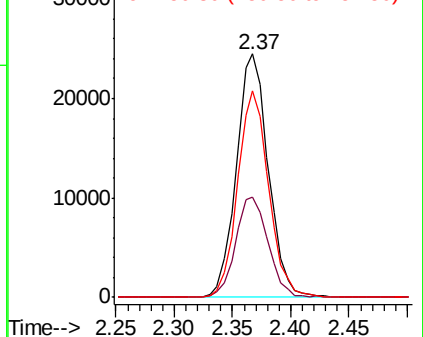
151 82.7 68.7 103.1



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: 15.231 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

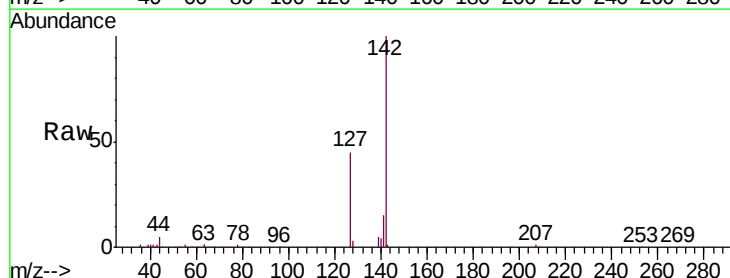
Tgt Ion:142 Resp: 44171

Ion Ratio Lower Upper

142 100

127 44.8 35.4 53.2

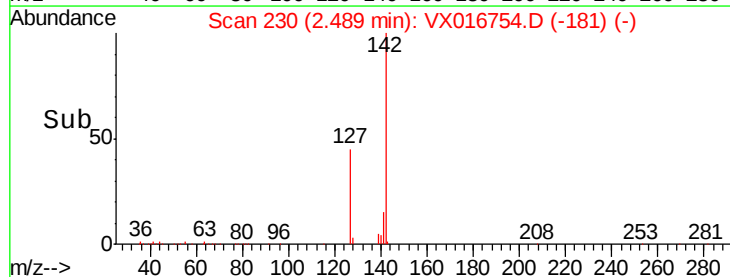
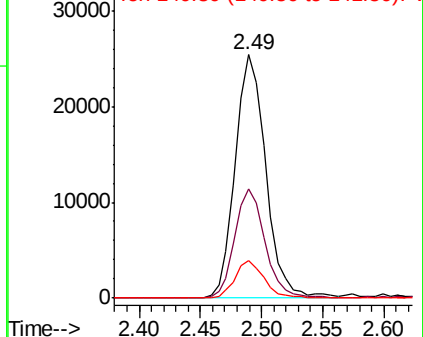
141 14.9 11.7 17.5

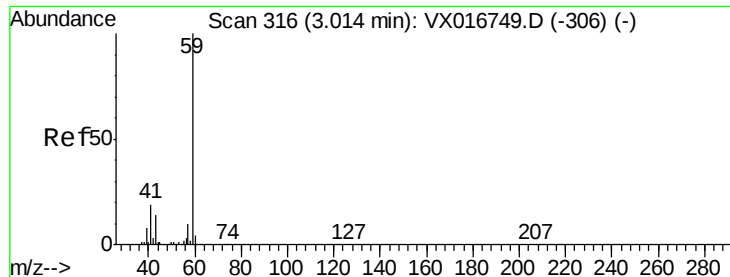


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



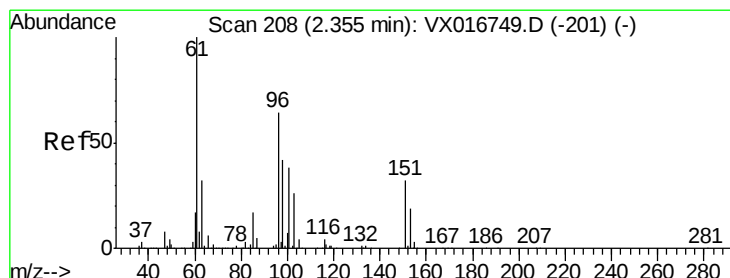
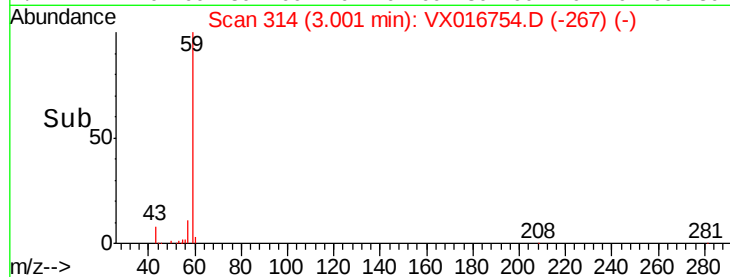
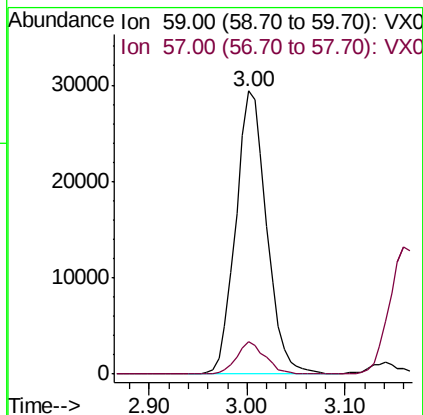
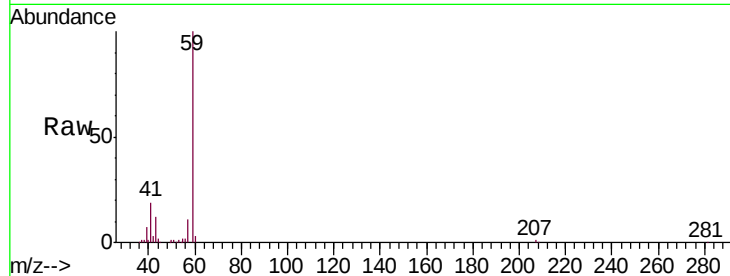


#11

Tert butyl alcohol
 Concen: 84.121 ug/l
 RT: 3.00 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

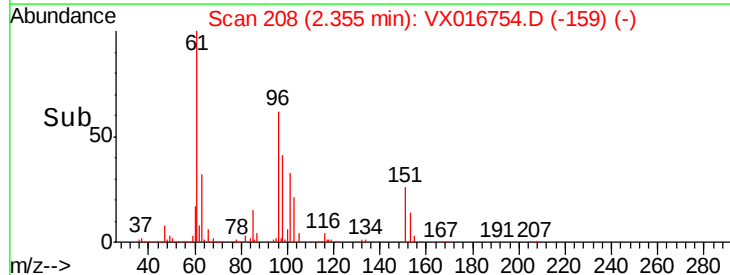
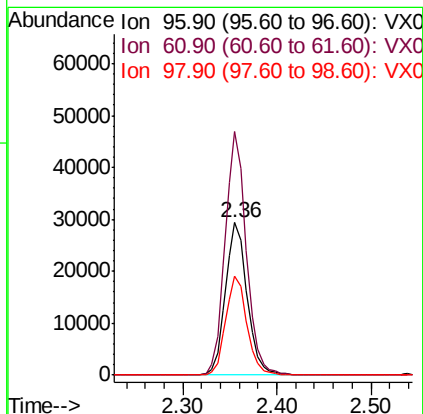
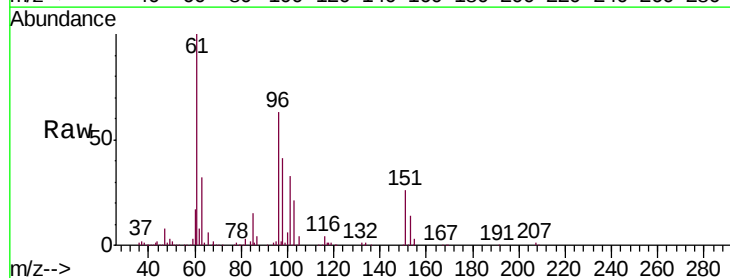
Tgt Ion: 59 Resp: 64621
 Ion Ratio Lower Upper
 59 100
 57 10.5 8.2 12.2

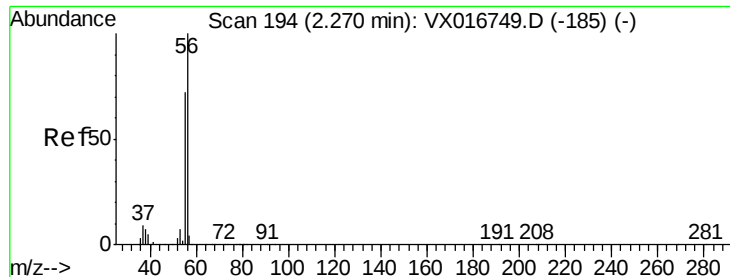


#12

1,1-Dichloroethene
 Concen: 17.733 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. -0.00 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

Tgt Ion: 96 Resp: 47119
 Ion Ratio Lower Upper
 96 100
 61 159.6 124.1 186.1
 98 65.1 52.7 79.1





#13

Acrolein

Concen: 92.381 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

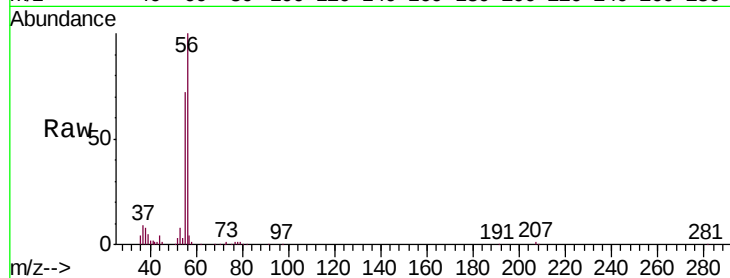
VX0615WBS01

Tgt Ion: 56 Resp: 29737

Ion Ratio Lower Upper

56 100

55 73.7 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.27

20000

15000

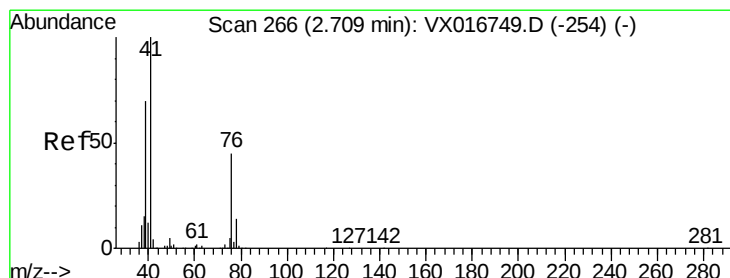
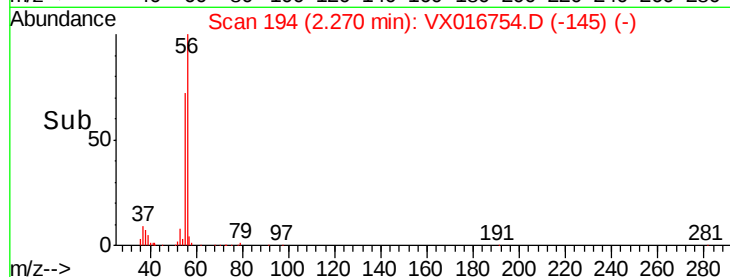
10000

5000

0

Time-->

2.20 2.25 2.30 2.35



#14

Allyl chloride

Concen: 17.428 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

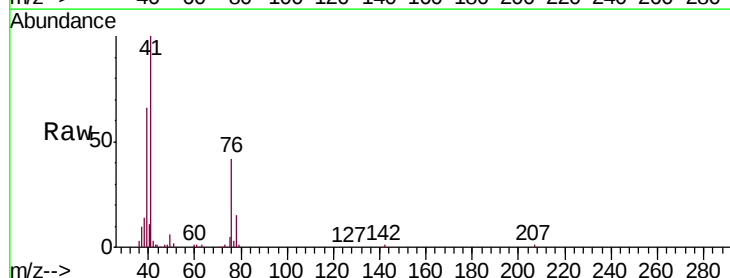
Tgt Ion: 41 Resp: 72425

Ion Ratio Lower Upper

41 100

39 61.3 50.2 75.4

76 37.4 30.4 45.6



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

120000

100000

80000

60000

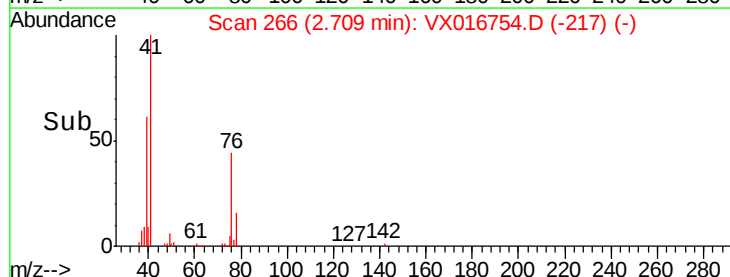
40000

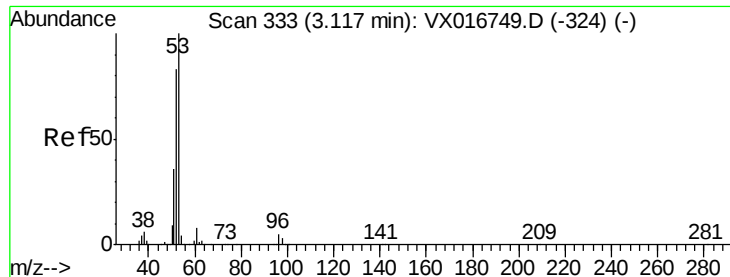
20000

0

Time-->

2.60 2.70 2.80

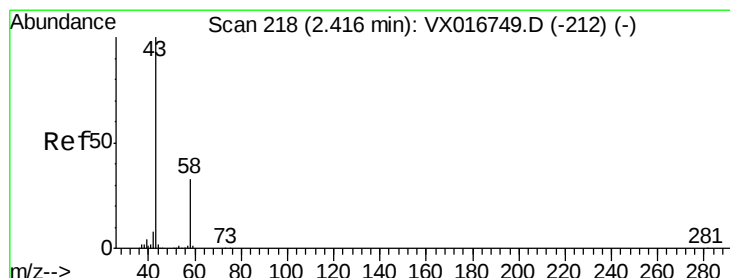
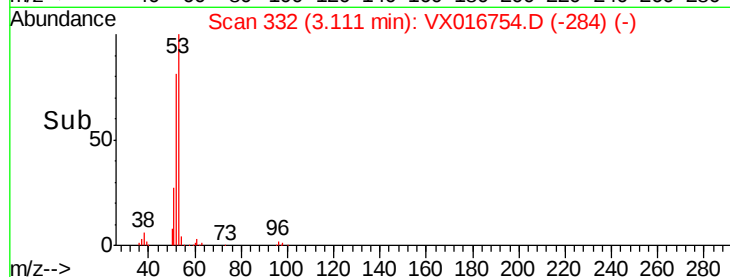
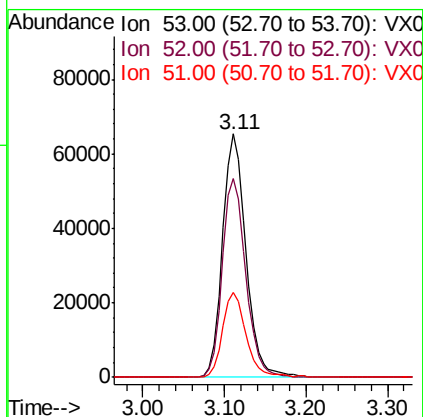
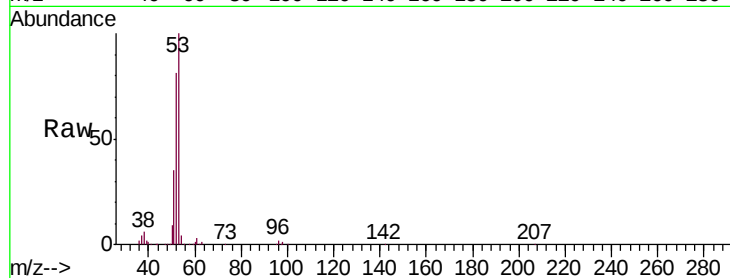




#15
Acrylonitrile
Concen: 83.300 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

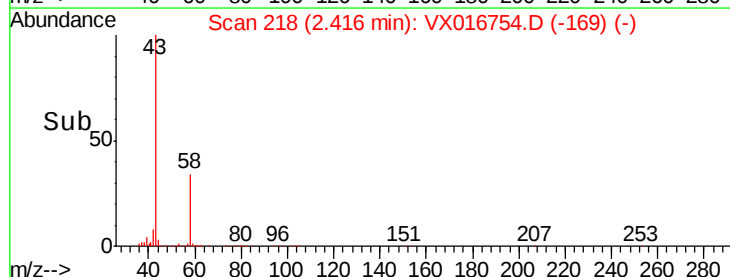
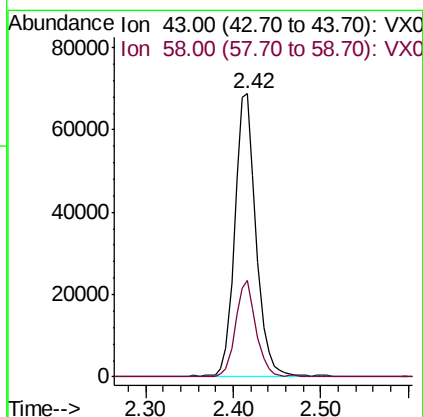
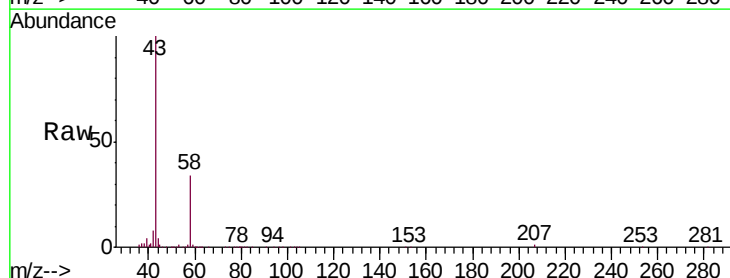
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

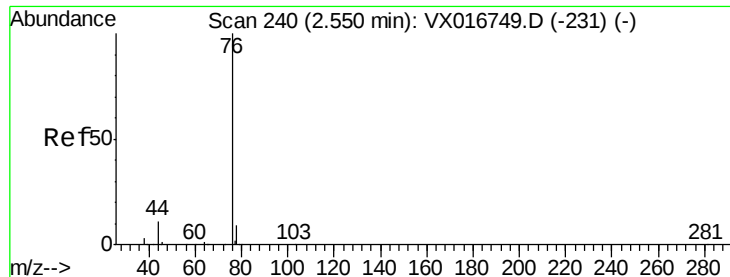
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.0	65.5	98.3
51	35.8	28.6	42.8



#16
Acetone
Concen: 84.945 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Tgt Ion	Ratio	Lower	Upper
43	100		
58	34.3	26.3	39.5

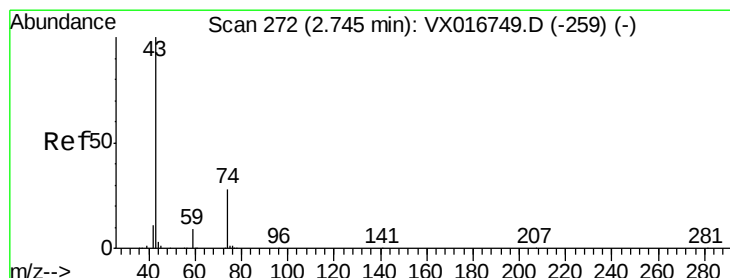
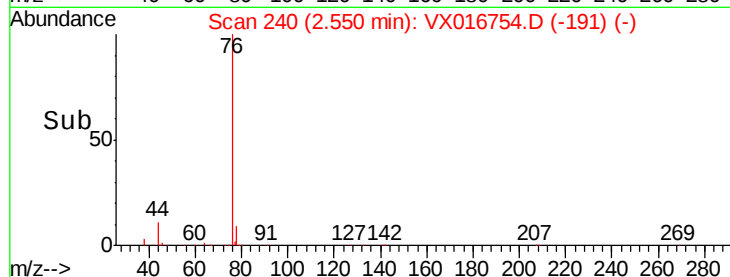
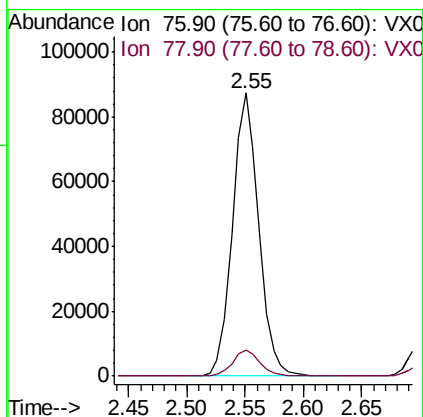
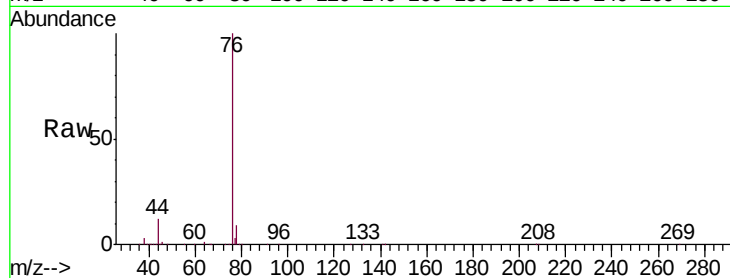




#17
Carbon Disulfide
Concen: 18.032 ug/l
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

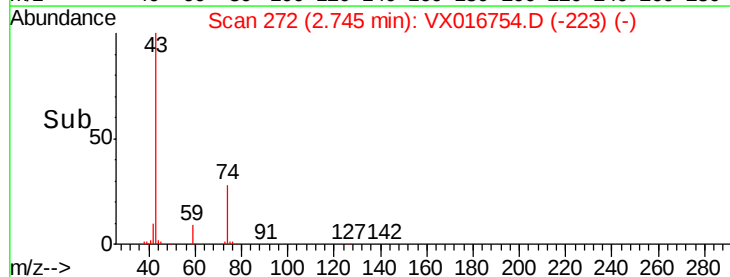
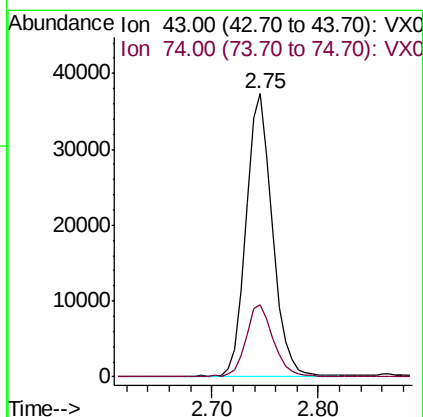
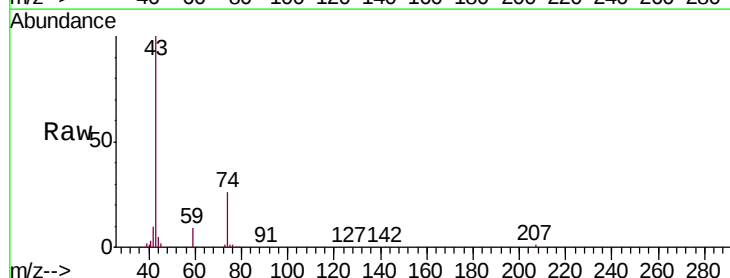
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

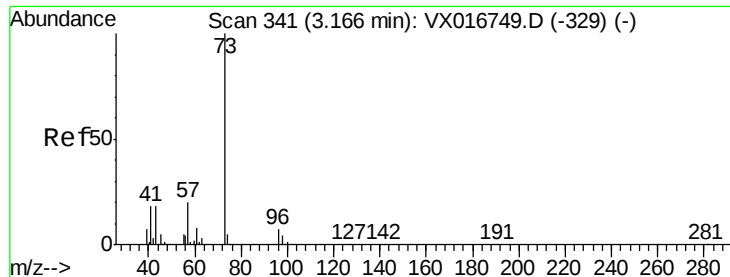
Tgt Ion: 76 Resp: 137220
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9



#18
Methyl Acetate
Concen: 17.491 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Tgt Ion: 43 Resp: 64757
Ion Ratio Lower Upper
43 100
74 26.8 22.4 33.6

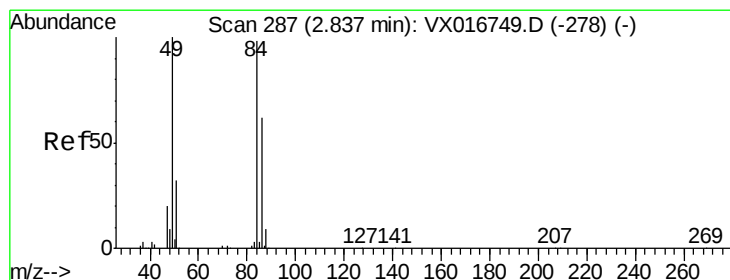
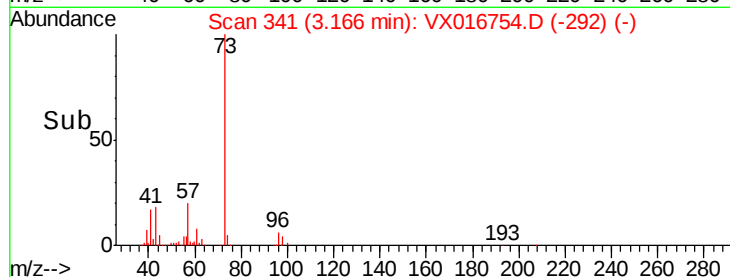
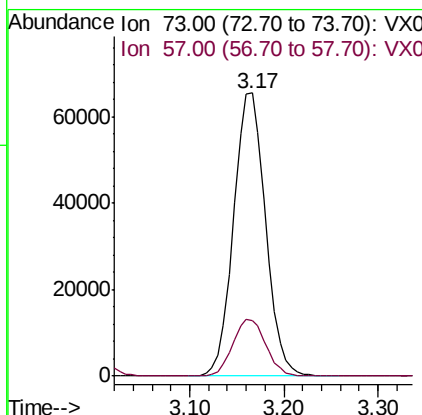
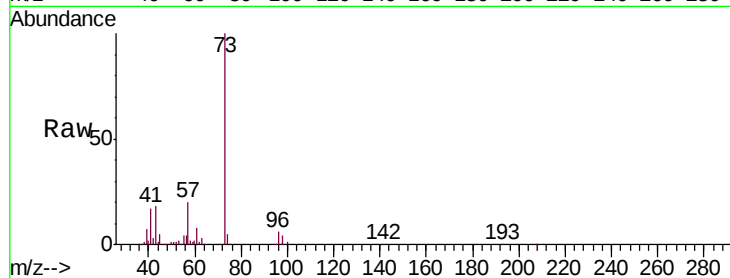




#19
Methyl tert-butyl Ether
Concen: 17.148 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

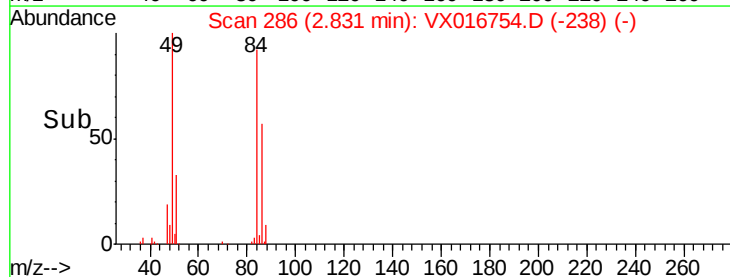
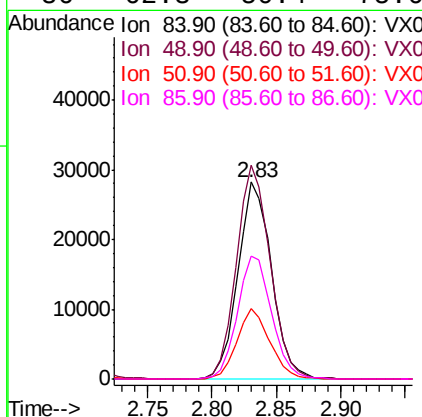
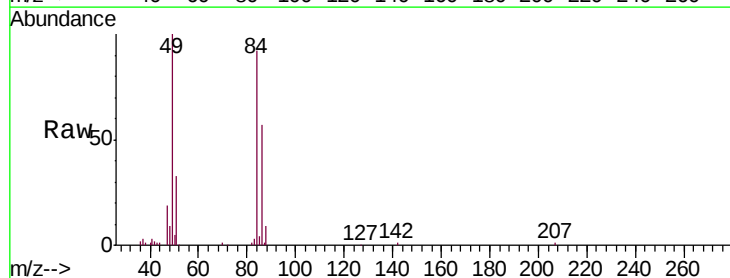
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

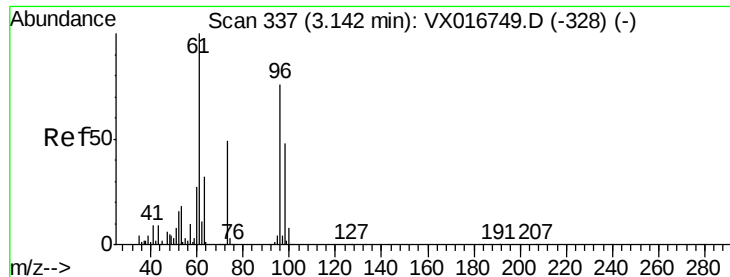
Tgt Ion: 73 Resp: 155290
Ion Ratio Lower Upper
73 100
57 19.5 16.2 24.4



#20
Methylene Chloride
Concen: 17.097 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Tgt Ion: 84 Resp: 51080
Ion Ratio Lower Upper
84 100
49 108.7 81.8 122.8
51 35.6 25.8 38.8
86 62.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 17.193 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

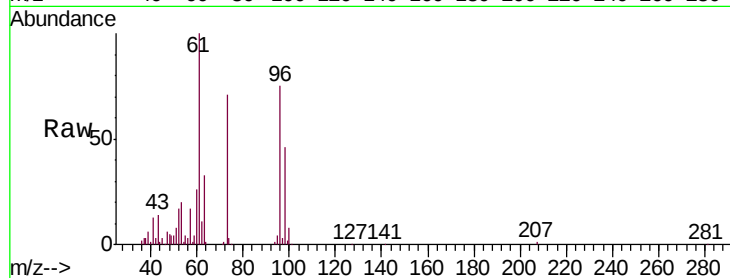
Tgt Ion: 96 Resp: 49091

Ion Ratio Lower Upper

96 100

61 134.0 105.4 158.2

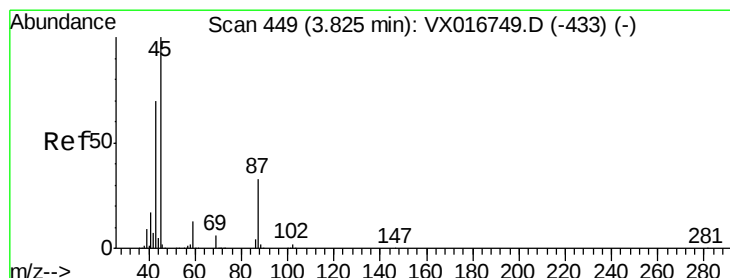
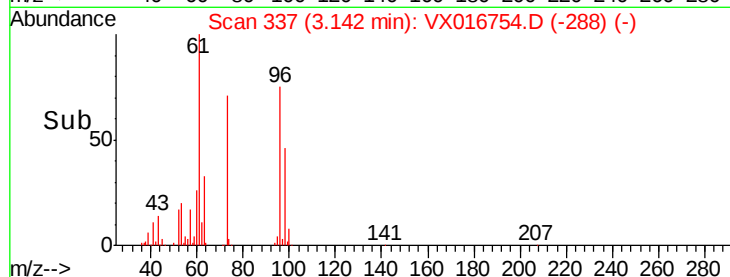
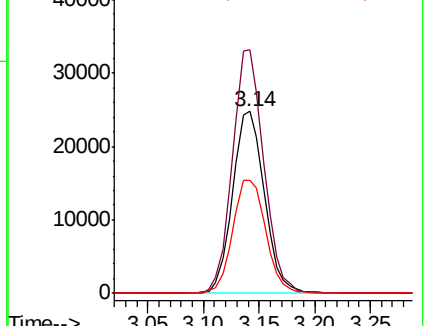
98 62.2 50.8 76.2



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: 17.676 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Tgt Ion: 45 Resp: 137972

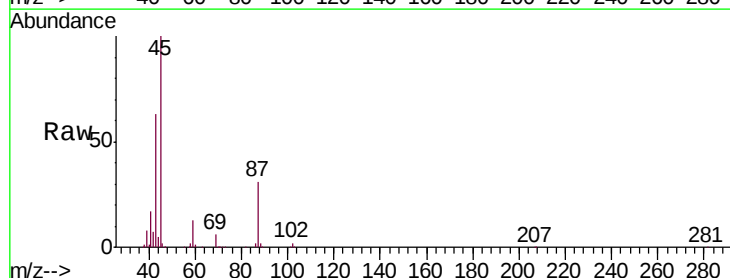
Ion Ratio Lower Upper

45 100

43 62.4 56.2 84.4

87 31.4 26.2 39.4

59 13.3 10.3 15.5

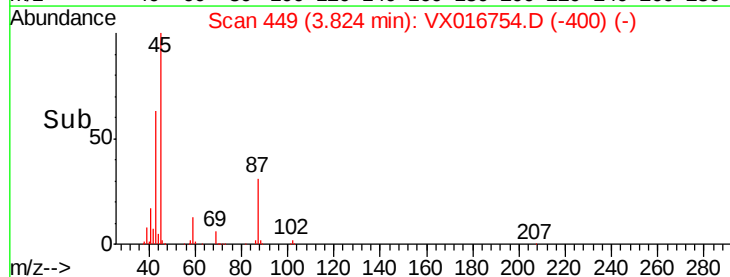
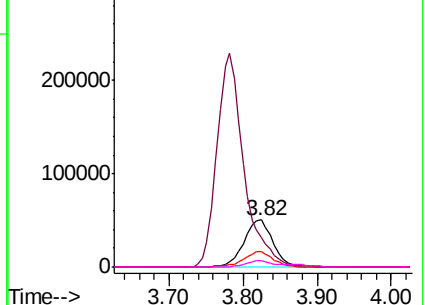


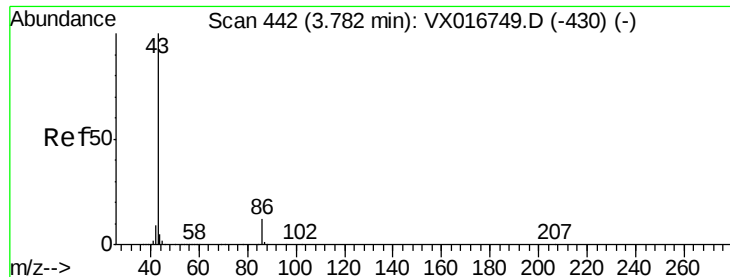
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 85.560 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

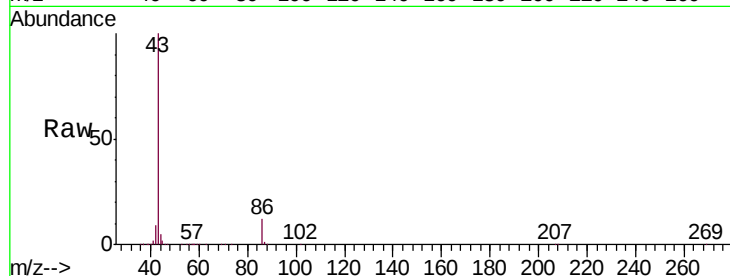
VX0615WBS01

Tgt Ion: 43 Resp: 577254

Ion Ratio Lower Upper

43 100

86 12.3 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

250000

200000

150000

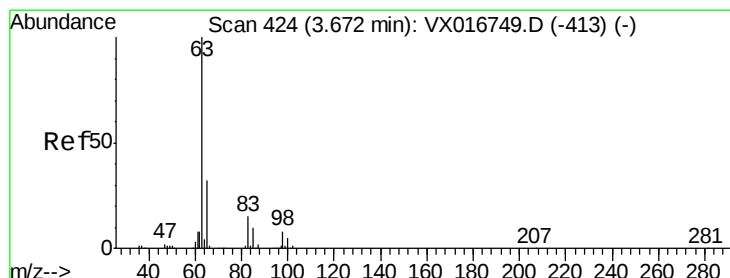
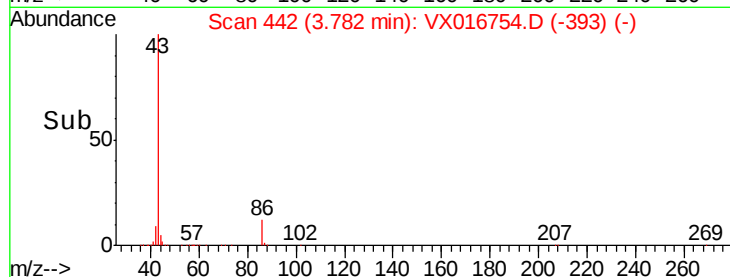
100000

50000

0

3.60 3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 16.973 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

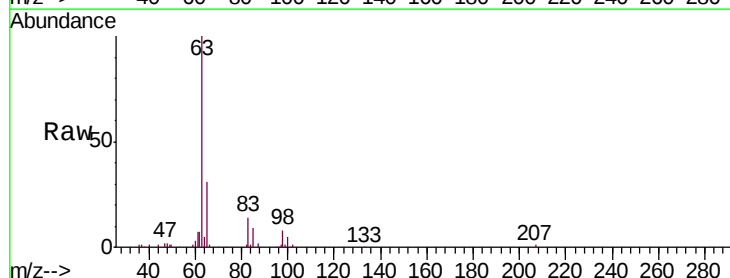
Tgt Ion: 63 Resp: 82865

Ion Ratio Lower Upper

63 100

98 8.0 3.8 11.4

100 4.6 2.3 6.9



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

40000

30000

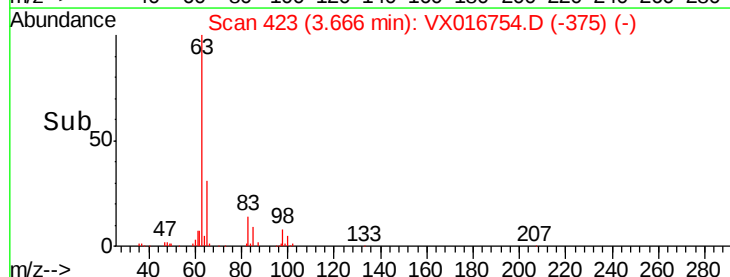
20000

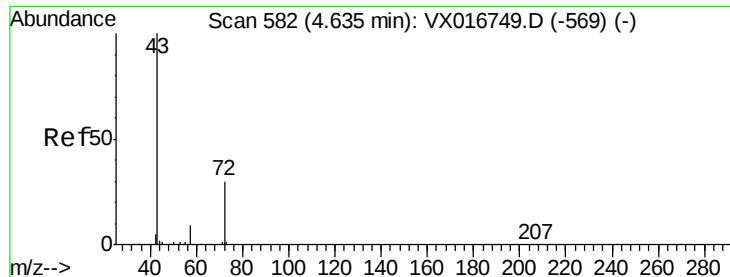
10000

0

3.60 3.70 3.80

Time-->

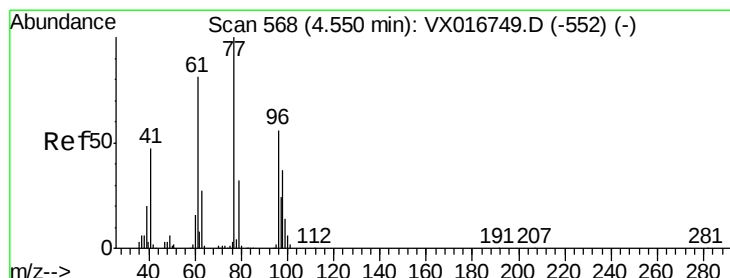
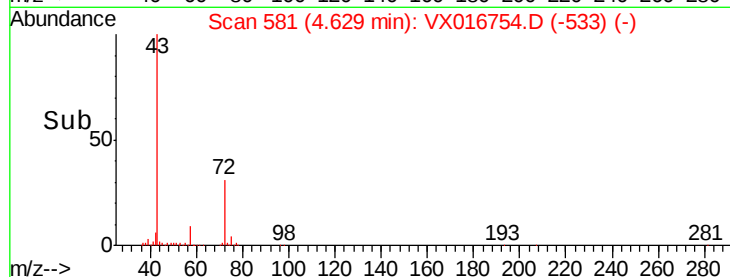
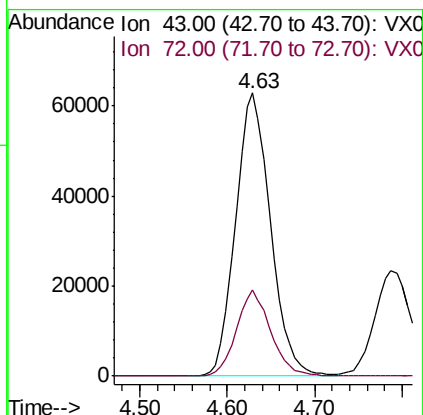
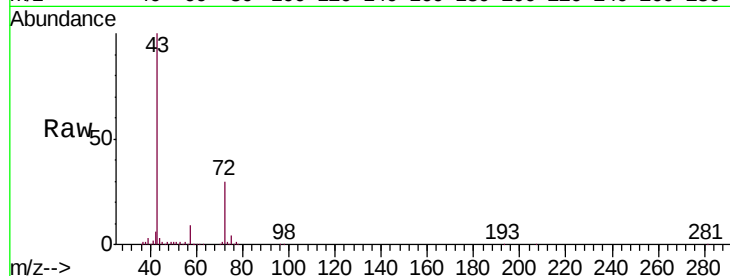




#25
2-Butanone
Concen: 83.104 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

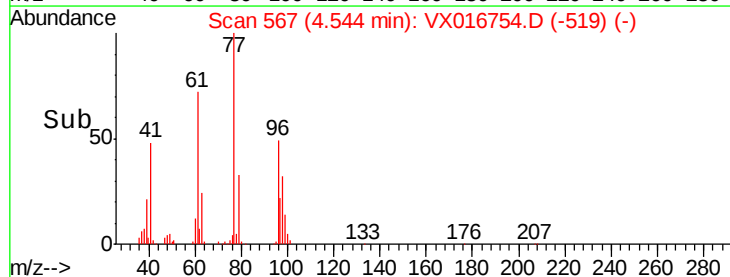
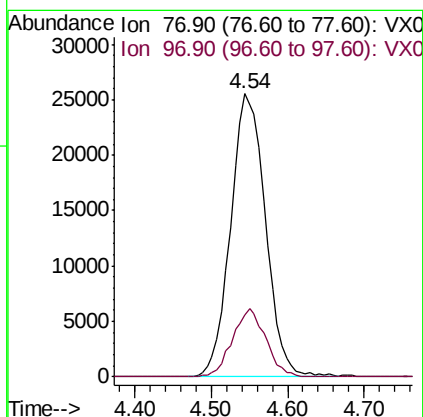
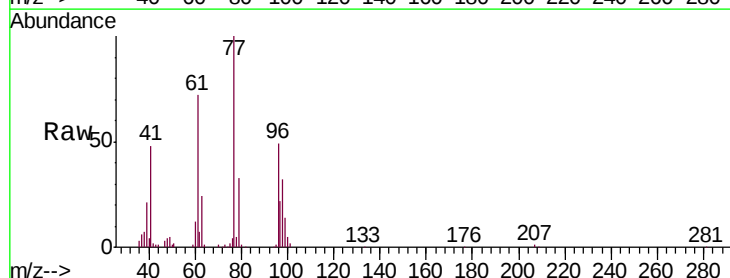
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

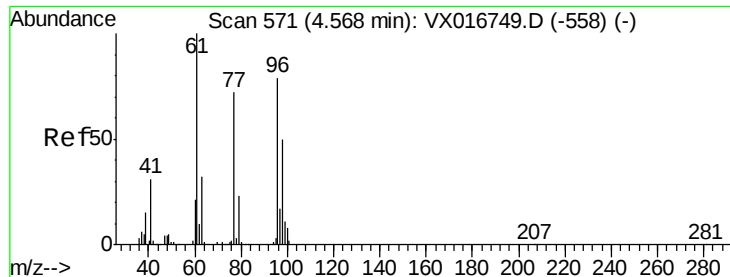
Tgt Ion: 43 Resp: 173725
Ion Ratio Lower Upper
43 100
72 30.3 24.2 36.4



#26
2,2-Dichloropropane
Concen: 17.844 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Tgt Ion: 77 Resp: 80666
Ion Ratio Lower Upper
77 100
97 23.1 11.5 34.4



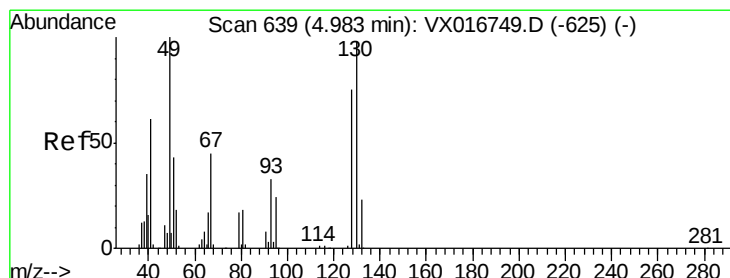
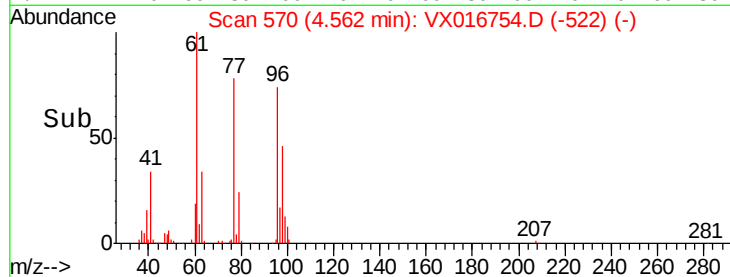
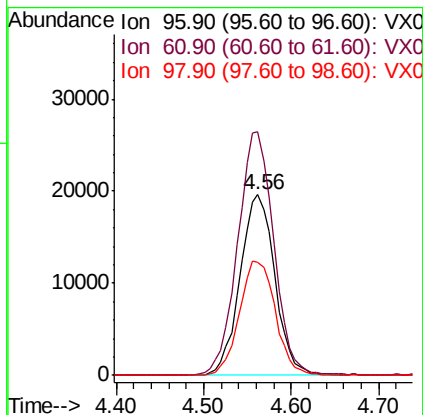
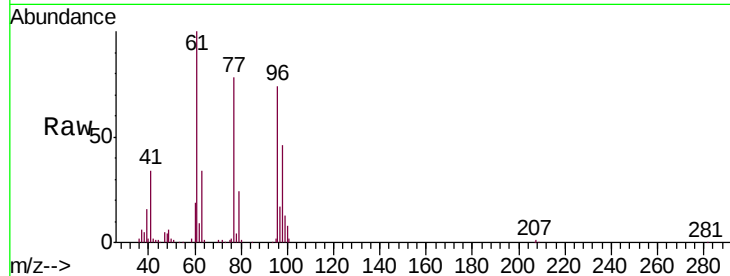


#27

cis-1,2-Dichloroethene
 Concen: 16.664 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.01 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

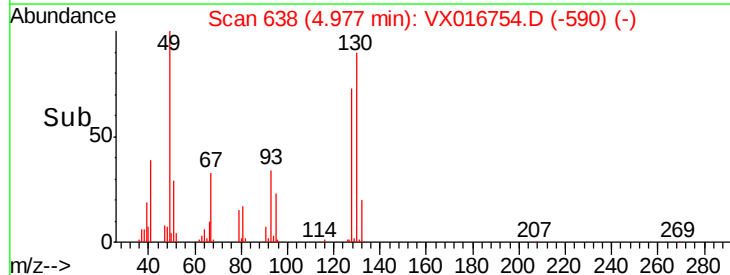
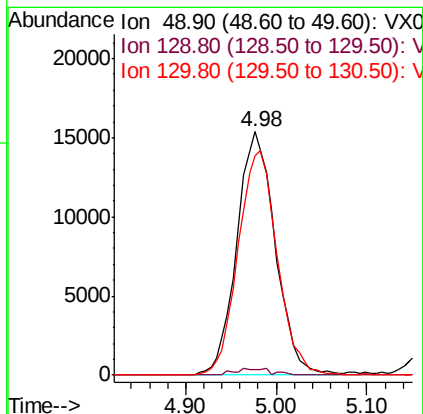
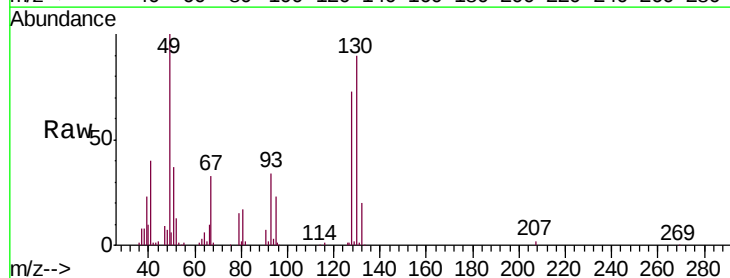
Tgt Ion: 96 Resp: 54383
 Ion Ratio Lower Upper
 96 100
 61 140.4 0.0 276.2
 98 65.0 0.0 130.0

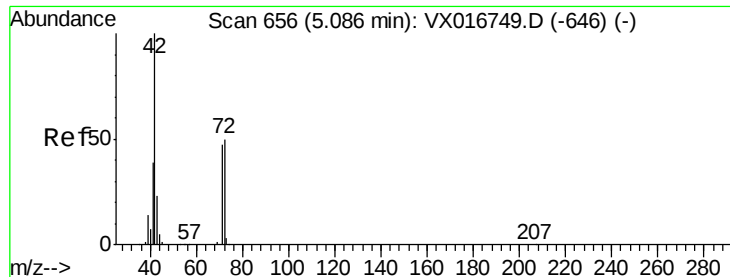


#28

Bromochloromethane
 Concen: 21.735 ug/l
 RT: 4.98 min Scan# 638
 Delta R.T. -0.01 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

Tgt Ion: 49 Resp: 45266
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 2.8
 130 93.4 76.0 114.0

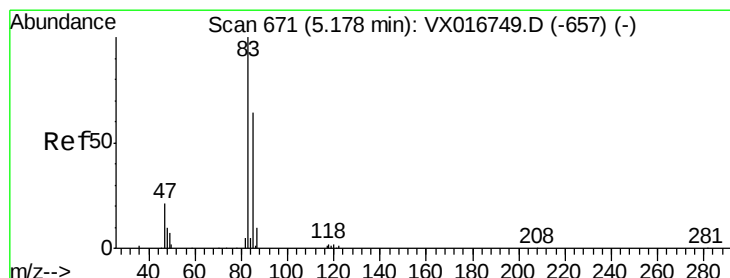
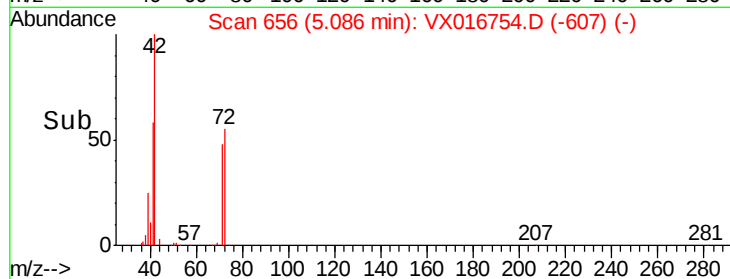
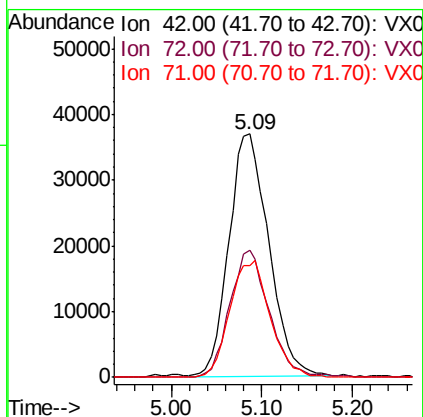
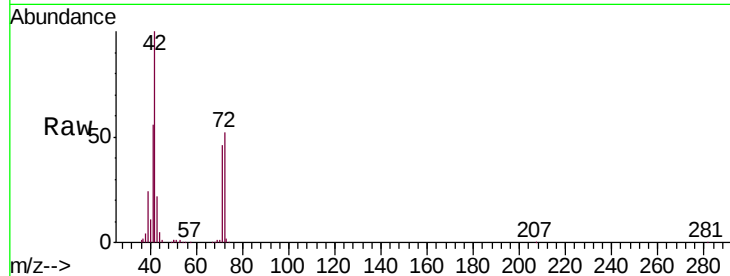




#29
Tetrahydrofuran
Concen: 83.281 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

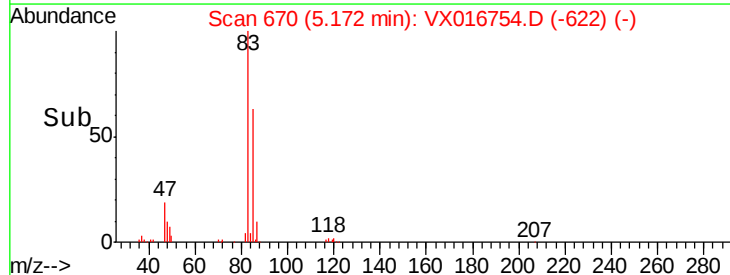
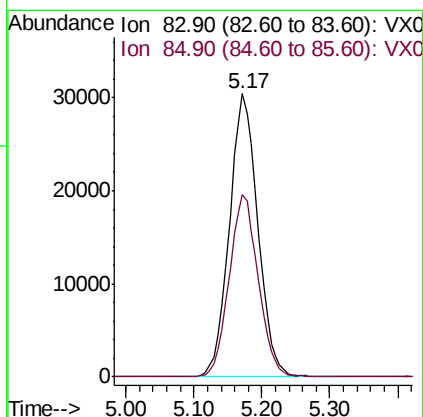
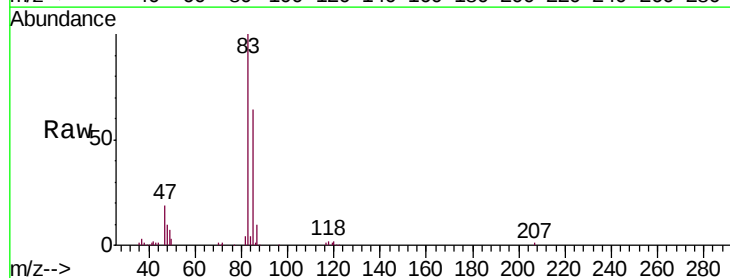
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

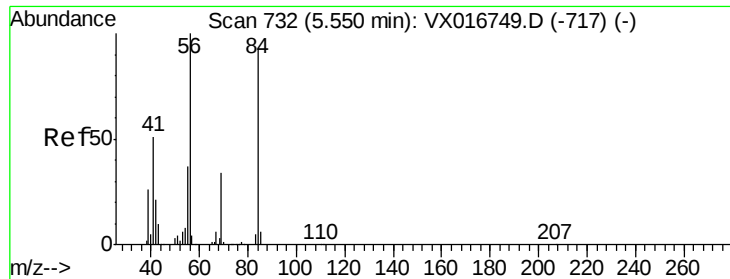
Tgt Ion: 42 Resp: 112780
Ion Ratio Lower Upper
42 100
72 51.7 41.0 61.6
71 48.7 38.2 57.4



#30
Chloroform
Concen: 17.037 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Tgt Ion: 83 Resp: 88000
Ion Ratio Lower Upper
83 100
85 64.2 50.8 76.2

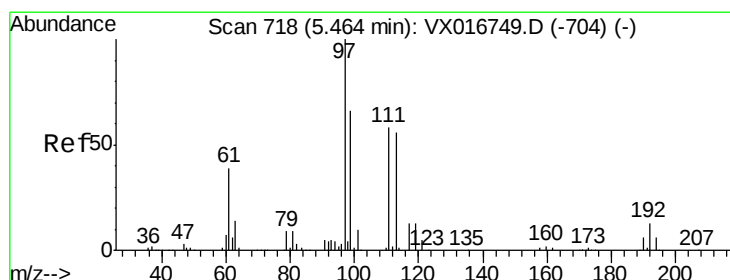
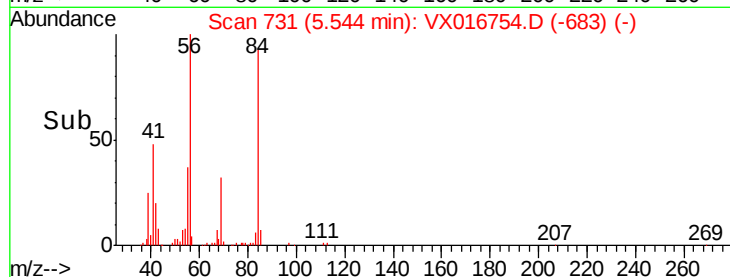
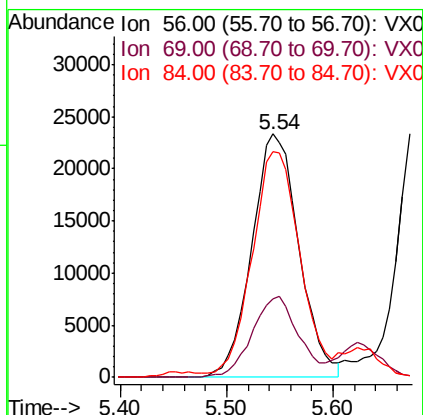
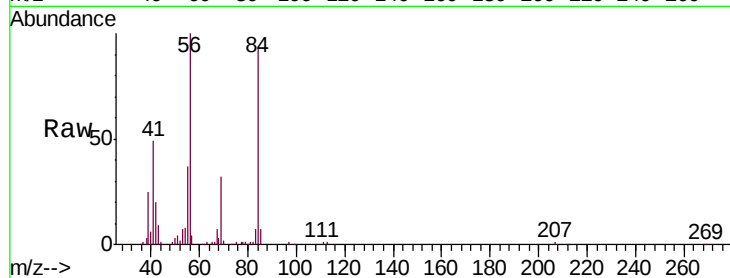




#31
Cyclohexane
Concen: 18.810 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

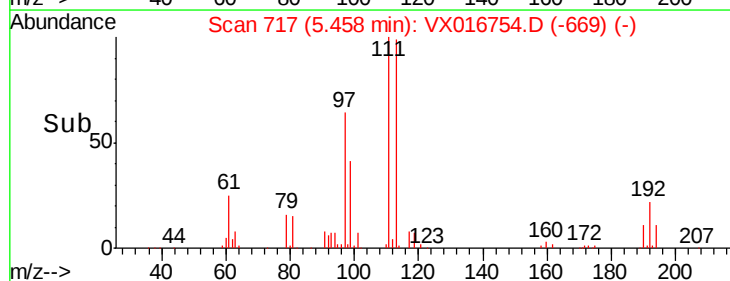
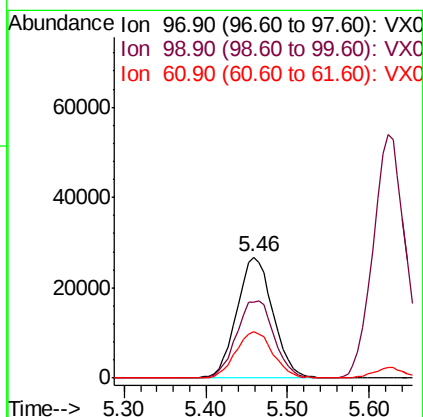
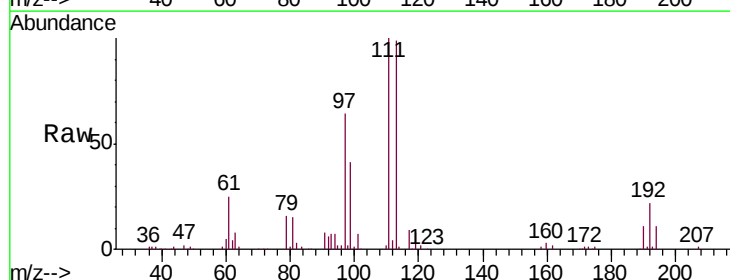
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

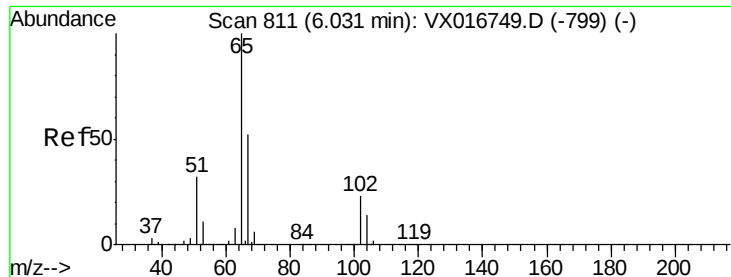
Tgt Ion: 56 Resp: 72220
Ion Ratio Lower Upper
56 100
69 32.0 27.1 40.7
84 90.2 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 17.558 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Tgt Ion: 97 Resp: 82291
Ion Ratio Lower Upper
97 100
99 66.8 51.5 77.3
61 39.7 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 47.751 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

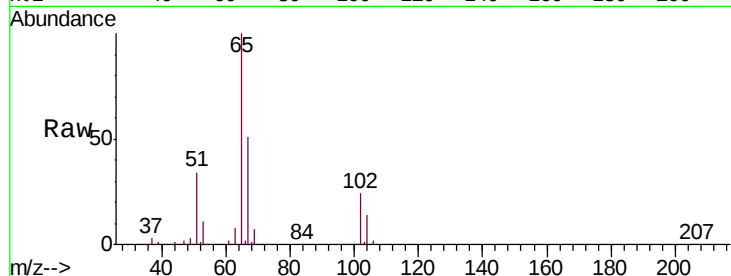
VX0615WBS01

Tgt Ion: 65 Resp: 146001

Ion Ratio Lower Upper

65 100

67 52.4 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

60000

50000

40000

30000

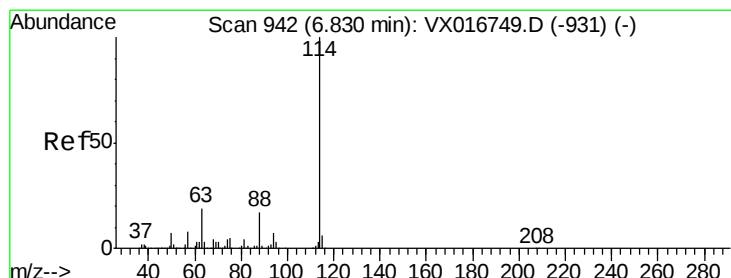
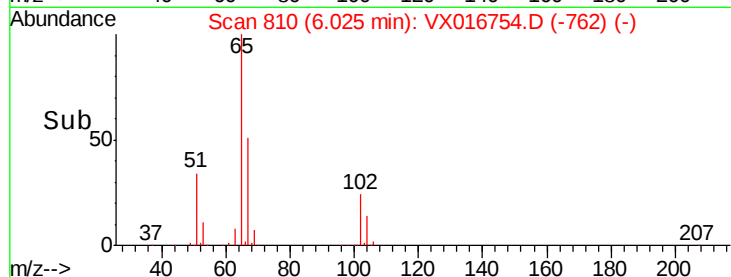
20000

10000

0

Time-->

5.90 6.00 6.10



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

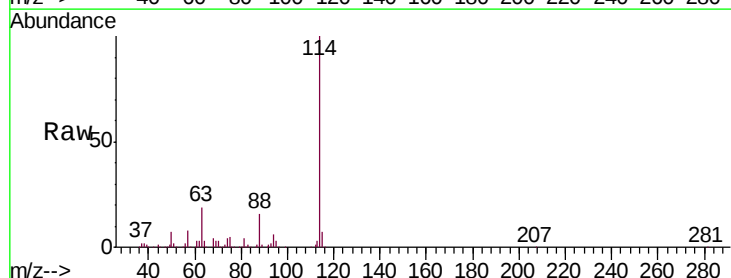
Tgt Ion: 114 Resp: 402351

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.8

88 16.3 0.0 33.4



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

200000

150000

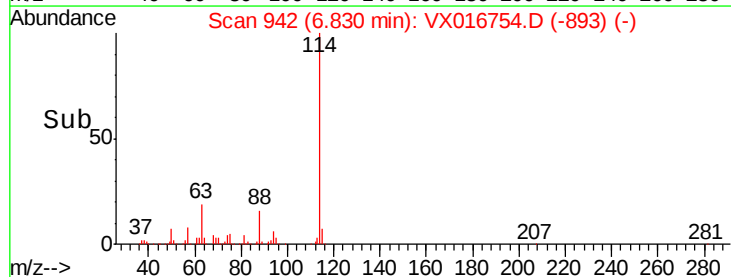
100000

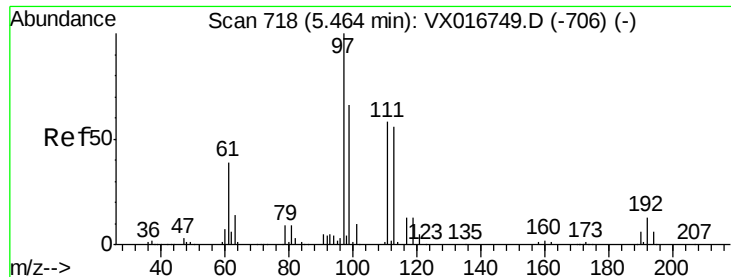
50000

0

Time-->

6.70 6.80 6.90

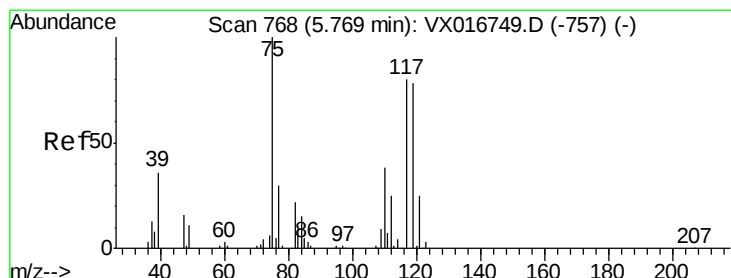
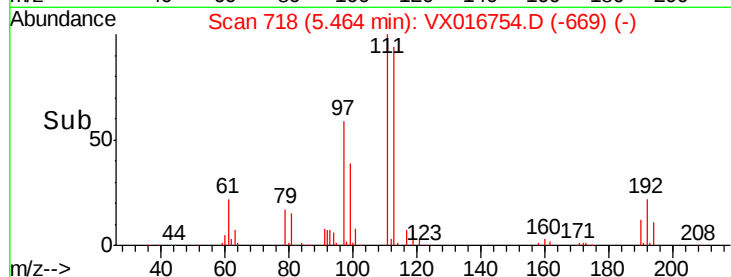
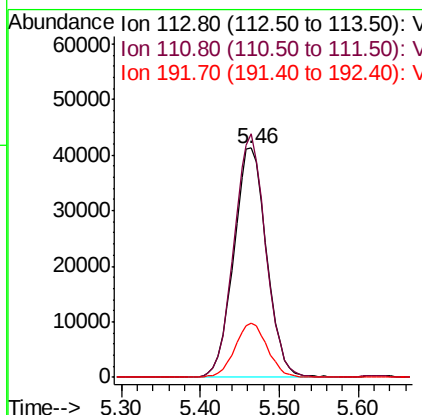
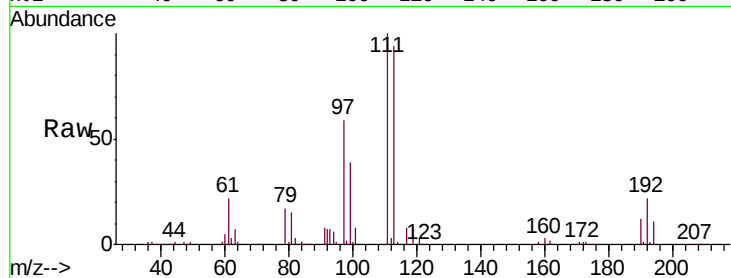




#35
 Dibromofluoromethane
 Concen: 48.165 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

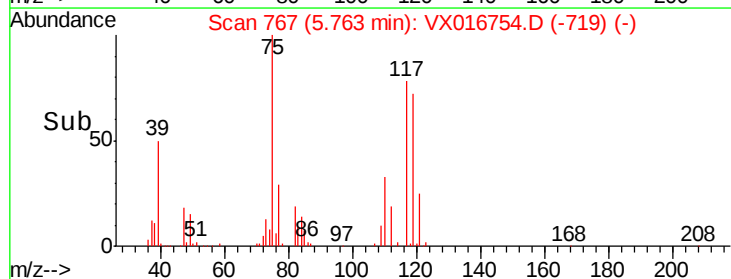
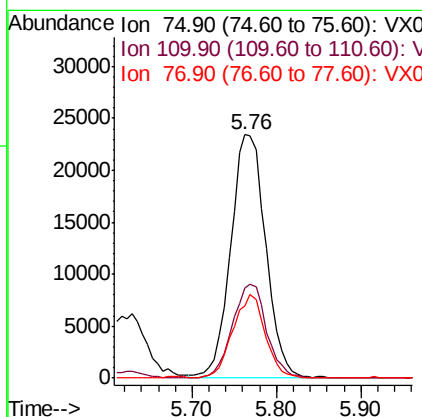
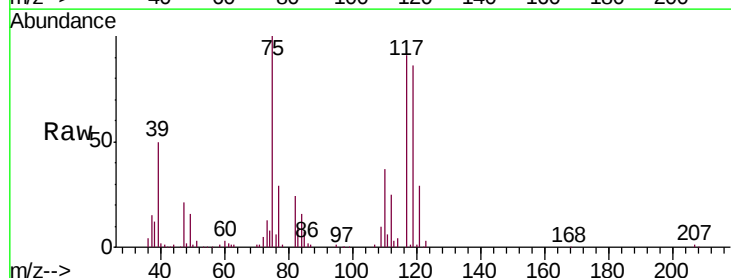
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

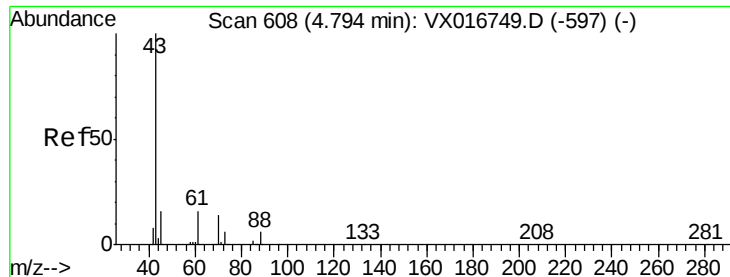
Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.6
192	23.2	18.2	27.4



#36
 1,1-Dichloropropene
 Concen: 18.495 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

Tgt Ion	Ratio	Lower	Upper
75	100		
110	37.5	18.4	55.2
77	31.9	24.7	37.1

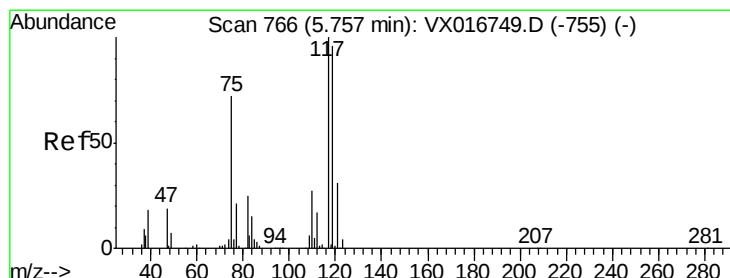
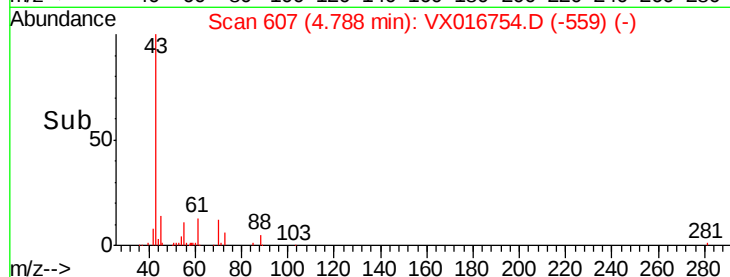
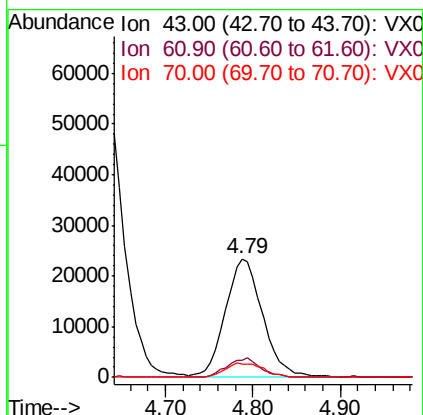
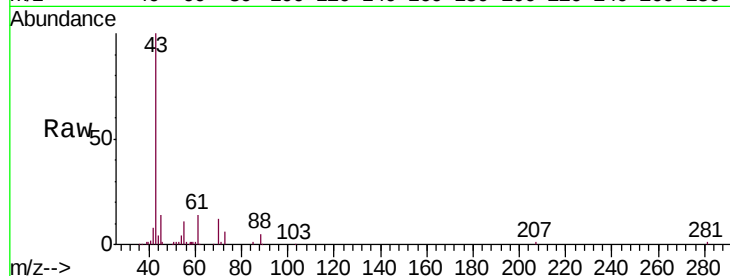




#37
Ethyl Acetate
Concen: 17.501 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

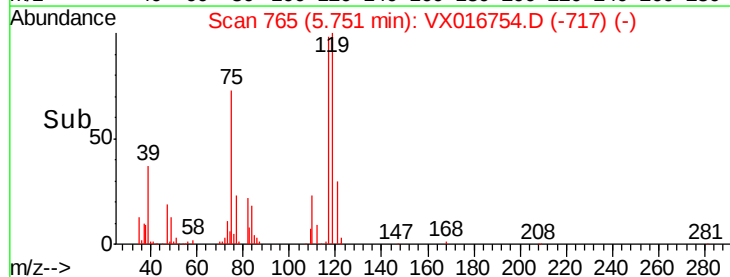
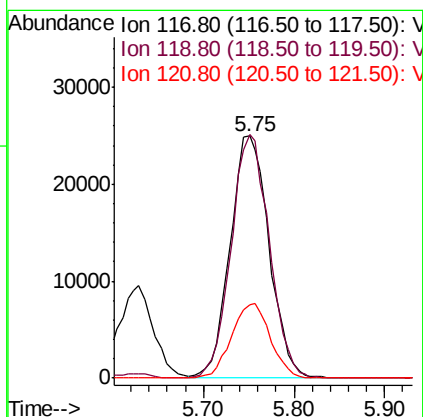
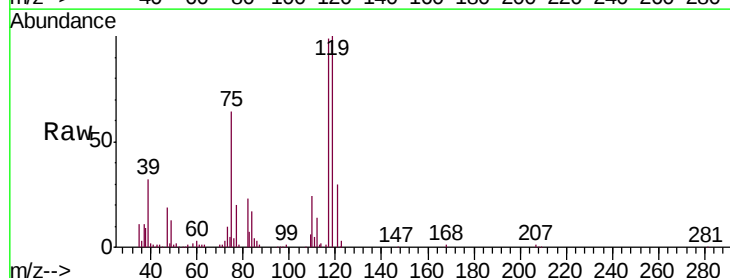
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

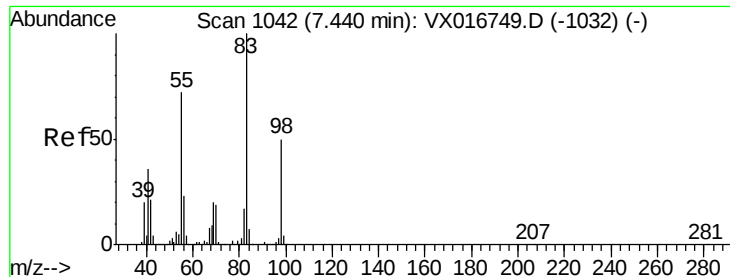
Tgt Ion: 43 Resp: 68148
Ion Ratio Lower Upper
43 100
61 15.4 12.4 18.6
70 12.9 10.8 16.2



#38
Carbon Tetrachloride
Concen: 18.454 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Tgt Ion: 117 Resp: 74522
Ion Ratio Lower Upper
117 100
119 100.5 76.7 115.1
121 30.4 24.7 37.1

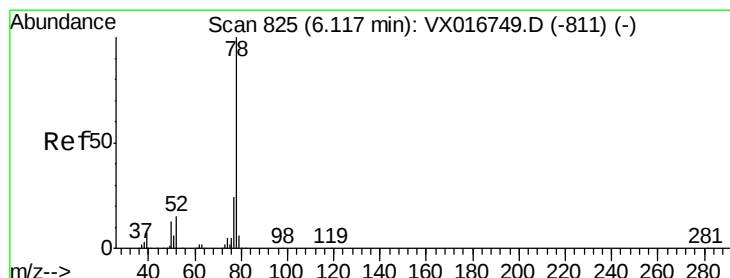
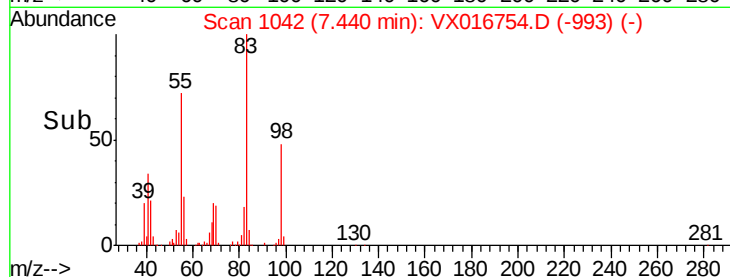
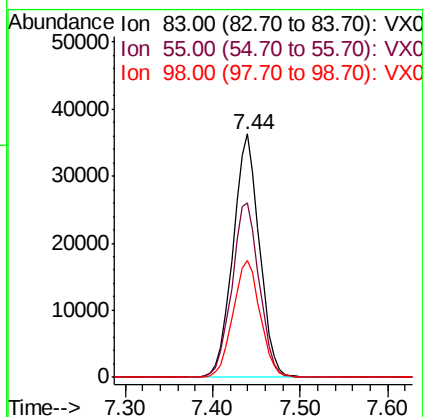
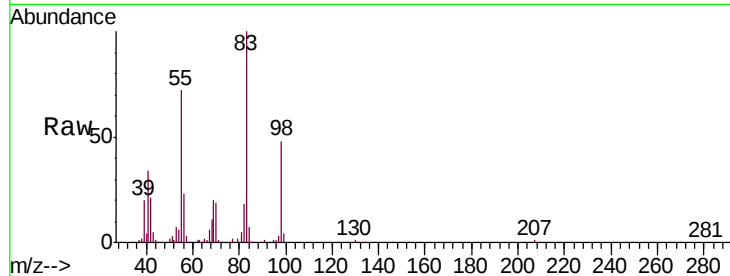




#39
Methylcyclohexane
Concen: 19.096 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

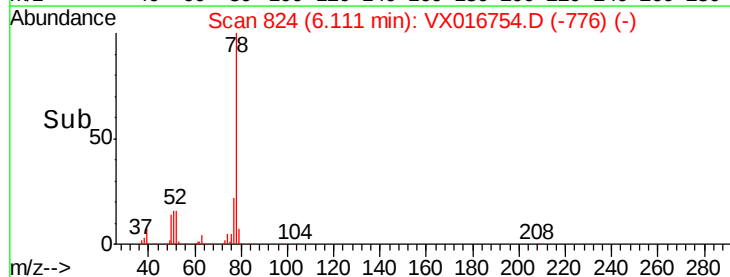
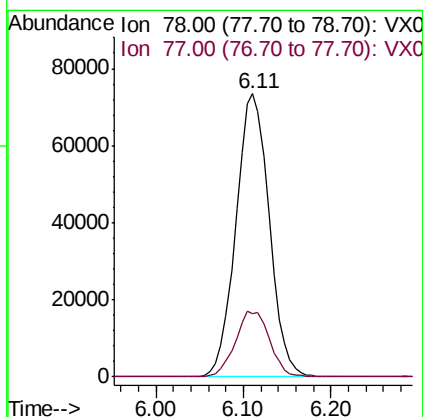
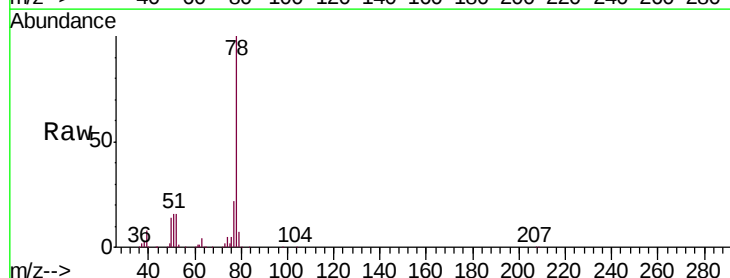
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

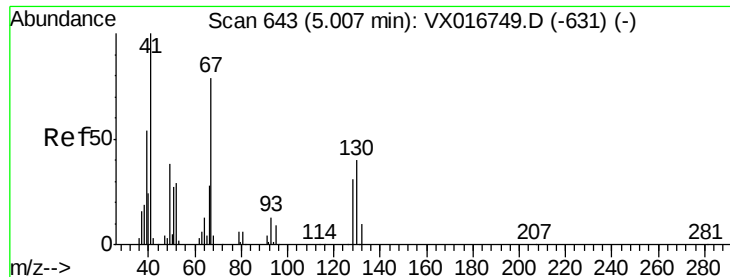
Tgt Ion: 83 Resp: 76262
Ion Ratio Lower Upper
83 100
55 71.8 57.3 85.9
98 48.2 40.3 60.5



#40
Benzene
Concen: 17.928 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Tgt Ion: 78 Resp: 194086
Ion Ratio Lower Upper
78 100
77 22.4 19.0 28.4

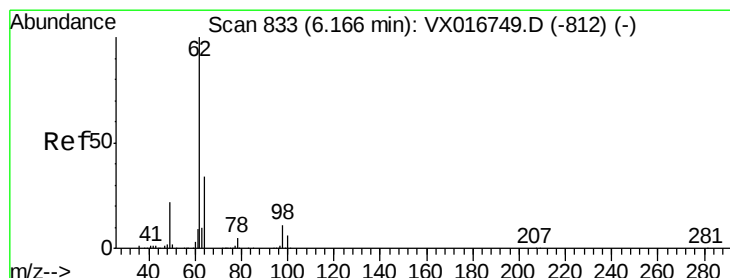
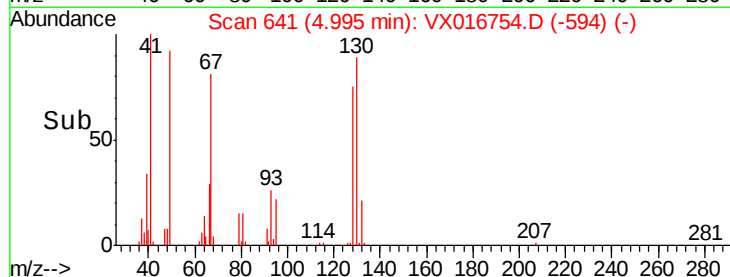
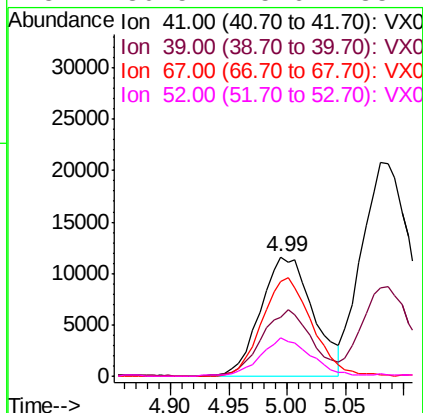
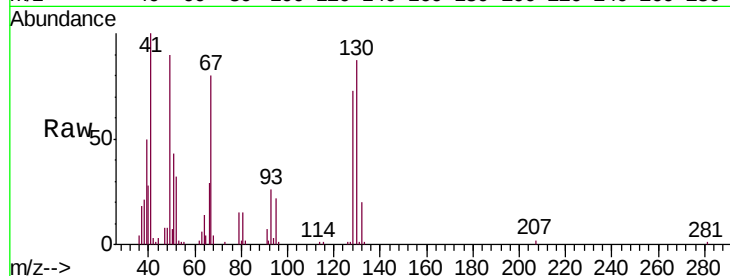




#41
Methacrylonitrile
Concen: 17.596 ug/l
RT: 4.99 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

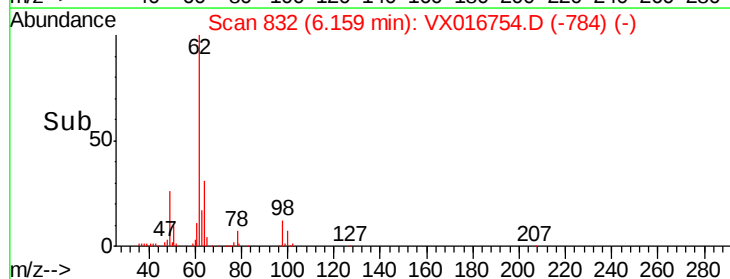
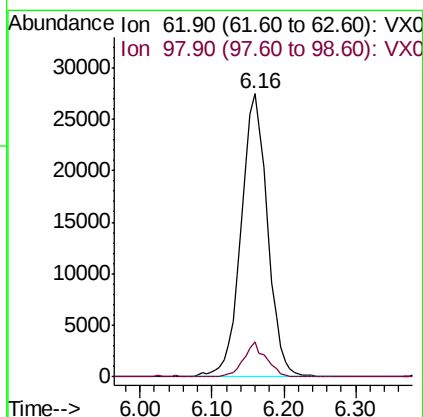
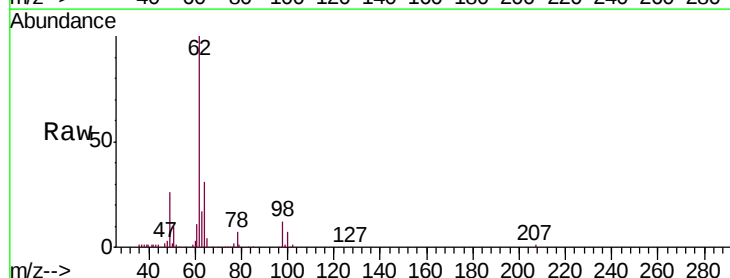
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

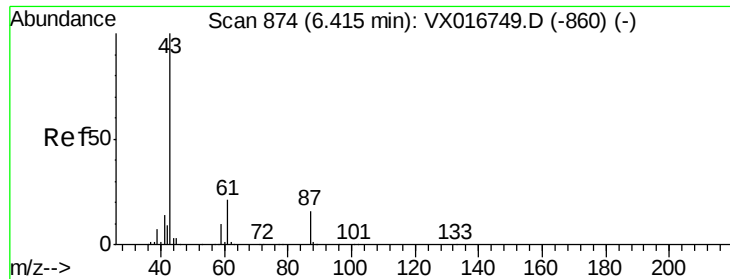
Tgt Ion:	41	Resp:	36533
Ion	Ratio	Lower	Upper
41	100		
39	53.4	43.7	65.5
67	78.6	64.6	96.8
52	30.5	25.6	38.4



#42
1,2-Dichloroethane
Concen: 17.746 ug/l
RT: 6.16 min Scan# 832
Delta R.T. -0.01 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Tgt Ion:	62	Resp:	70120
Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	20.2





#43

Isopropyl Acetate

Concen: 17.516 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampled :

VX0615WBS01

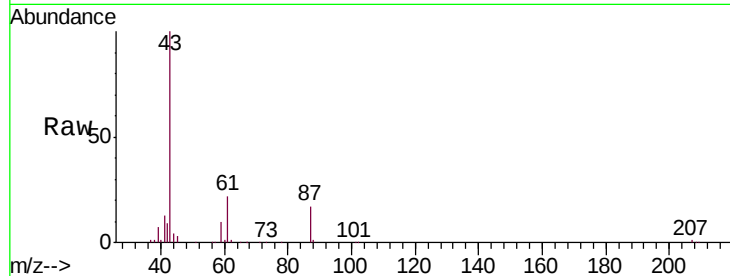
Tgt Ion: 43 Resp: 106894

Ion Ratio Lower Upper

43 100

61 21.8 17.7 26.5

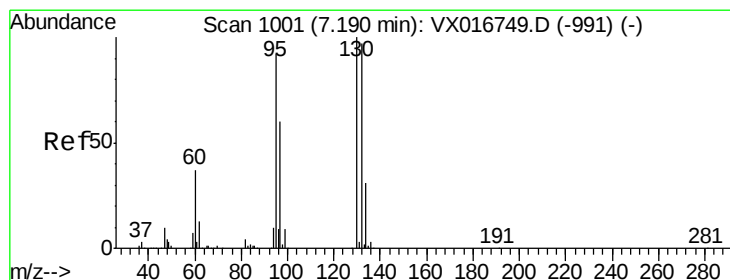
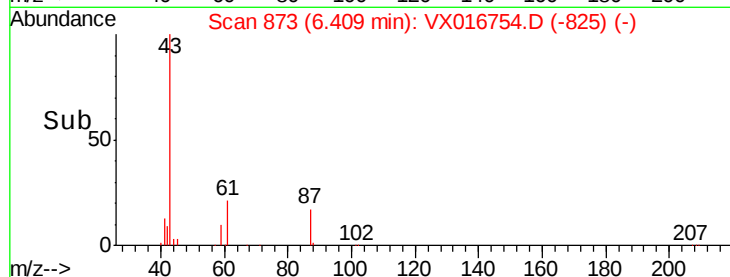
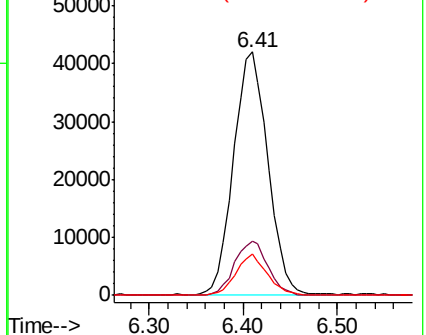
87 15.4 12.5 18.7



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: 18.539 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016754.D

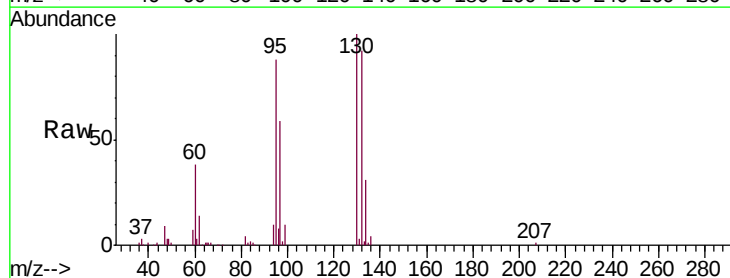
Acq: 15 Jun 2020 15:14

Tgt Ion: 130 Resp: 62083

Ion Ratio Lower Upper

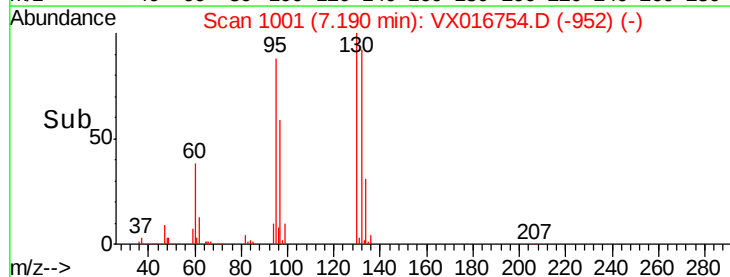
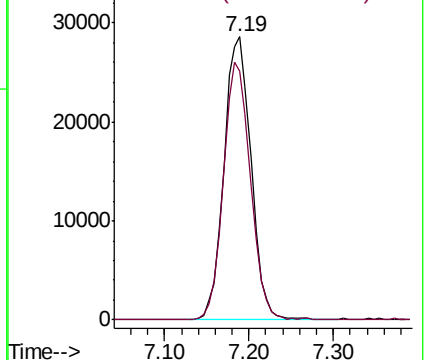
130 100

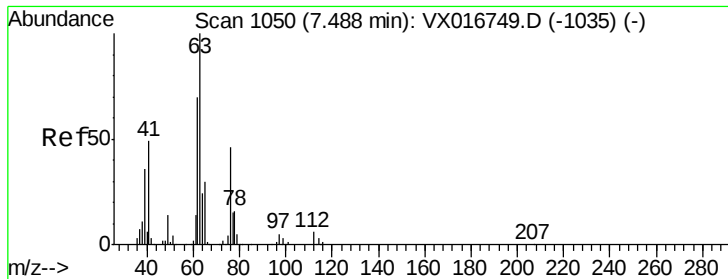
95 87.9 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 18.113 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

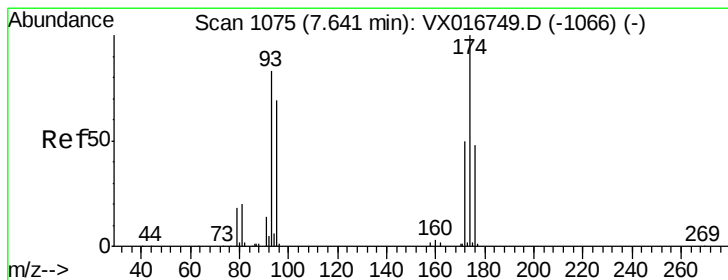
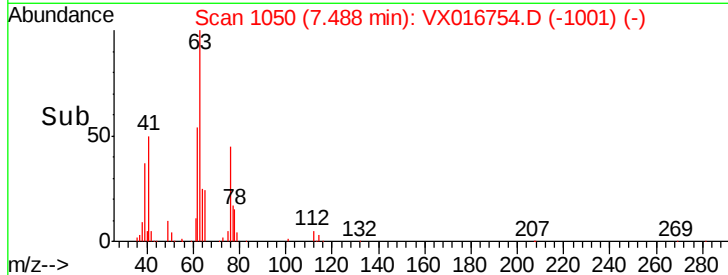
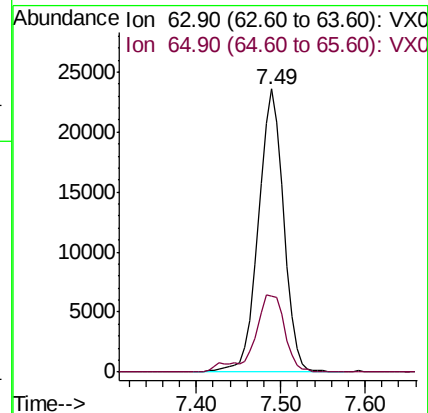
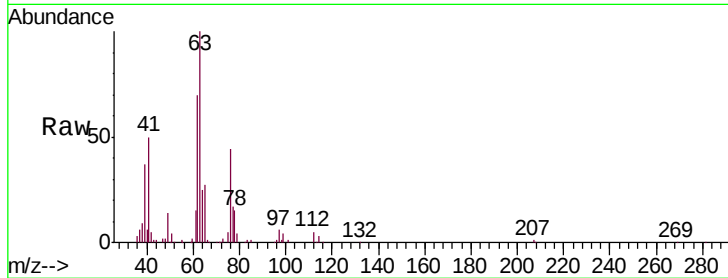
VX0615WBS01

Tgt Ion: 63 Resp: 48069

Ion Ratio Lower Upper

63 100

65 26.7 24.2 36.2



#46

Dibromomethane

Concen: 17.492 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

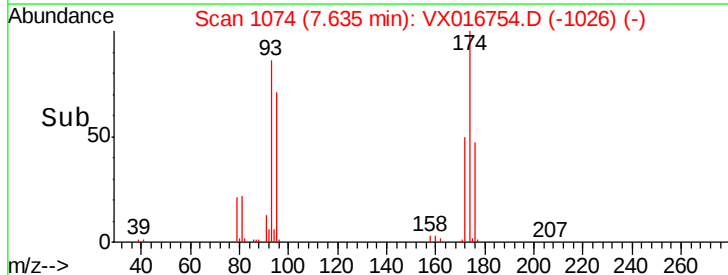
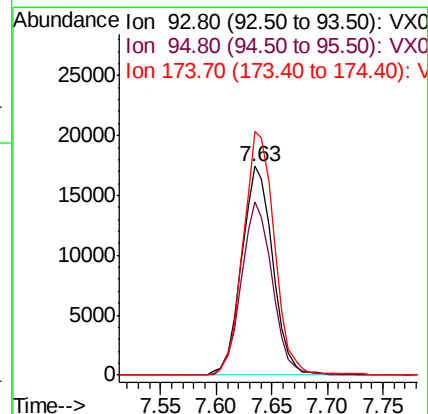
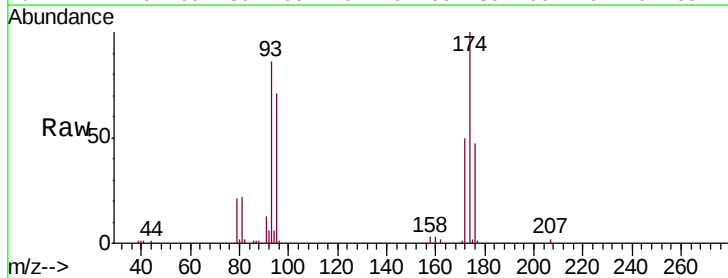
Tgt Ion: 93 Resp: 33834

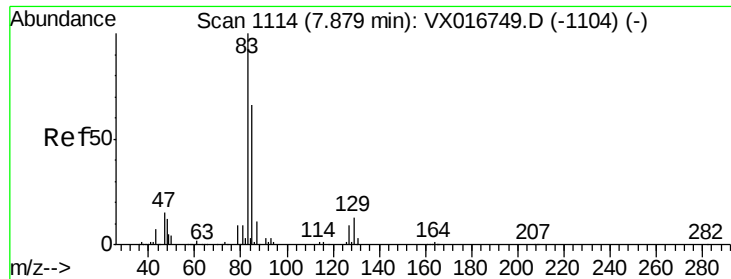
Ion Ratio Lower Upper

93 100

95 82.6 66.9 100.3

174 117.1 93.8 140.8





#47

Bromodichloromethane

Concen: 17.401 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

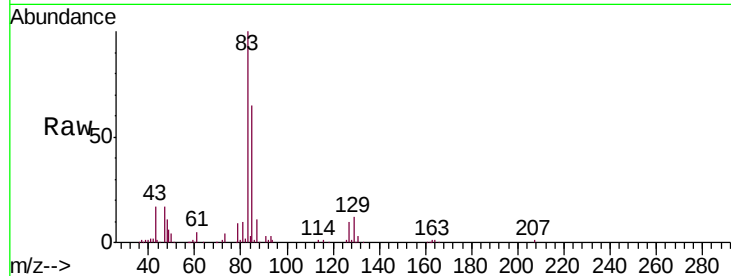
Tgt Ion: 83 Resp: 70170

Ion Ratio Lower Upper

83 100

85 65.4 52.5 78.7

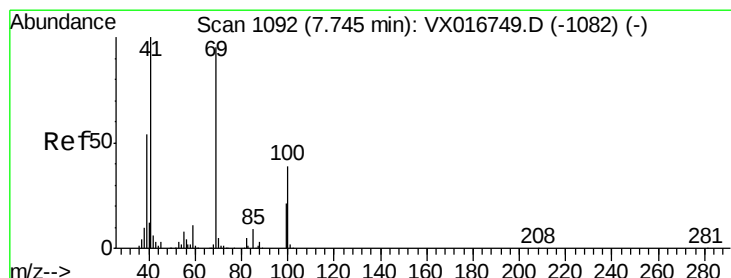
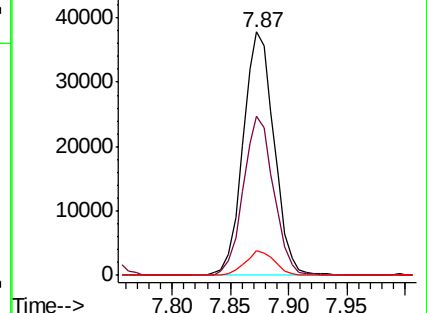
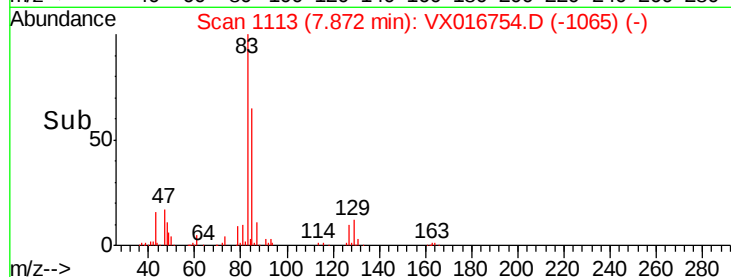
127 10.2 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 17.520 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

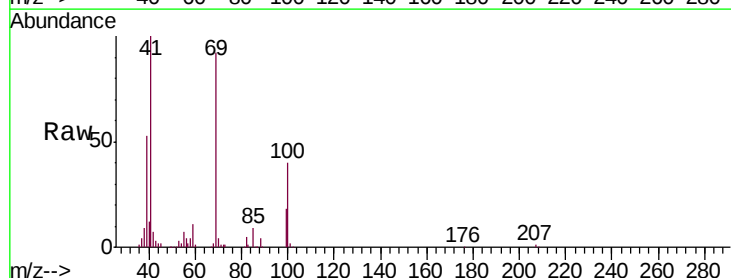
Tgt Ion: 41 Resp: 50676

Ion Ratio Lower Upper

41 100

69 93.4 75.0 112.6

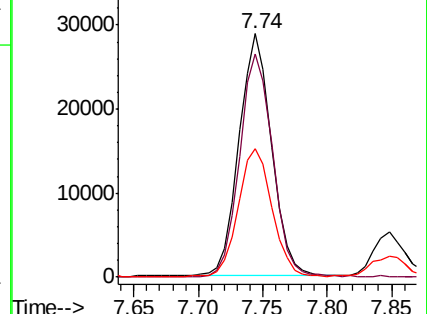
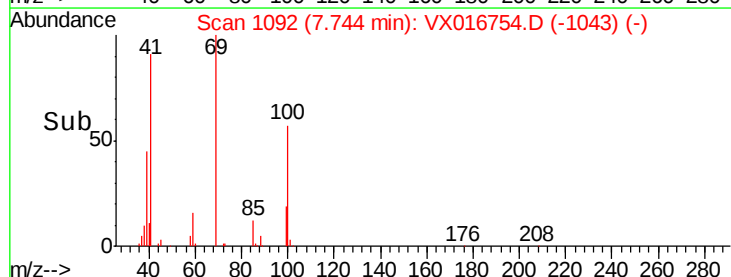
39 55.6 44.3 66.5

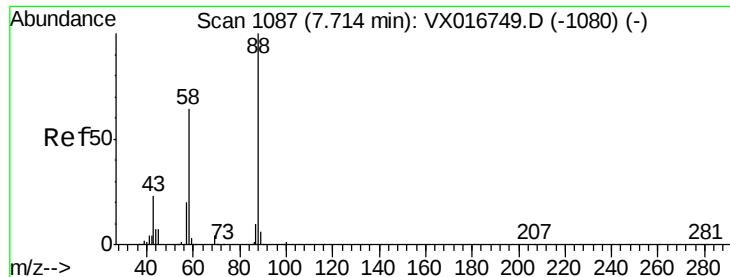


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 357.524 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

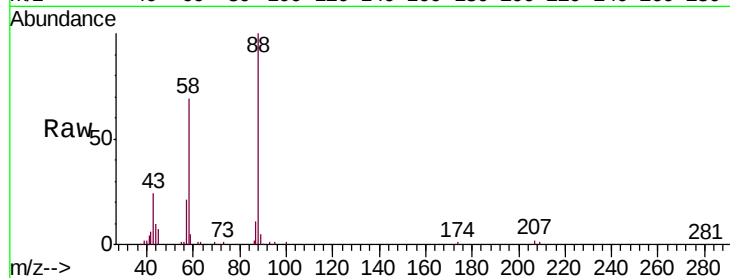
Tgt Ion: 88 Resp: 25592

Ion Ratio Lower Upper

88 100

43 28.6 22.9 34.3

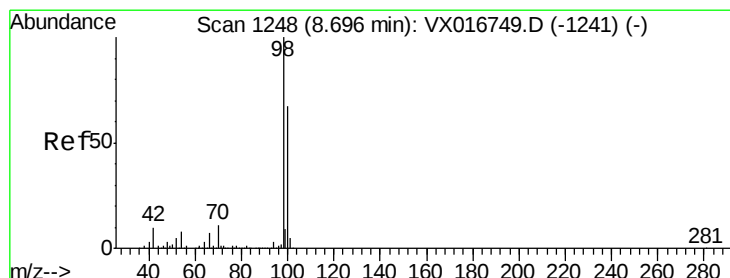
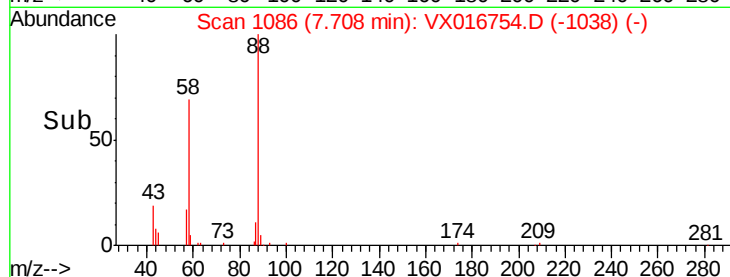
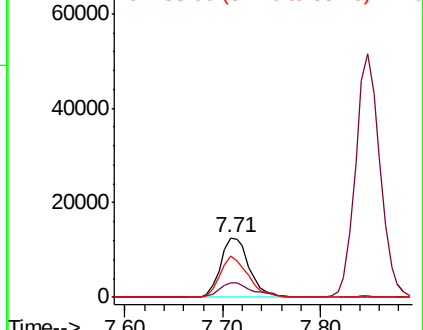
58 68.4 53.7 80.5



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: 50.480 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016754.D

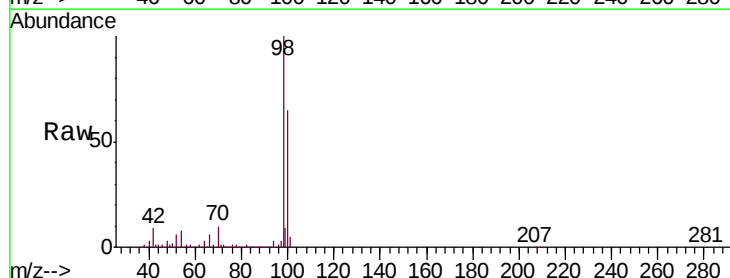
Acq: 15 Jun 2020 15:14

Tgt Ion: 98 Resp: 462064

Ion Ratio Lower Upper

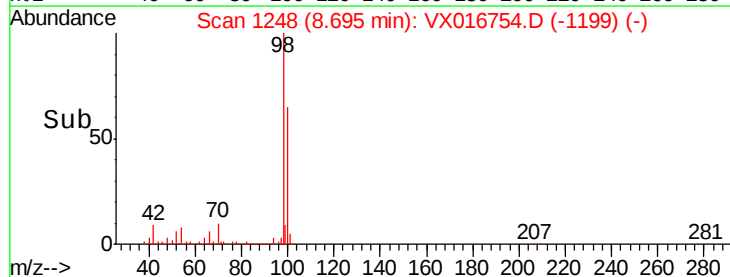
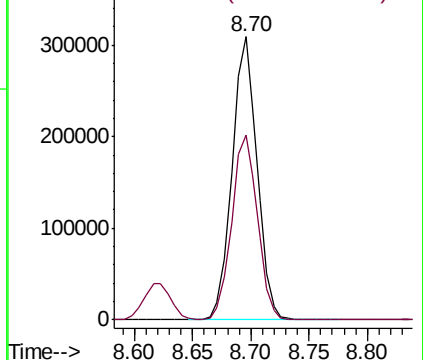
98 100

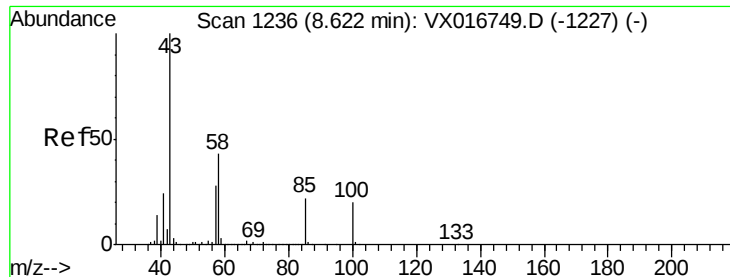
100 67.2 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

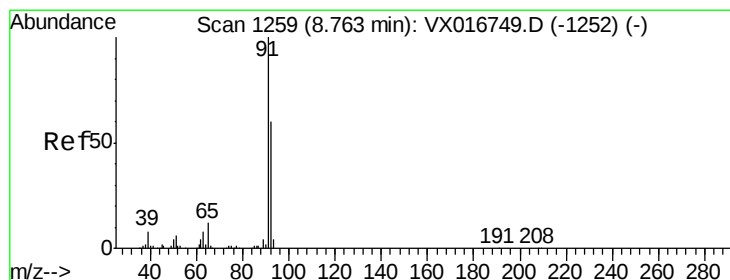
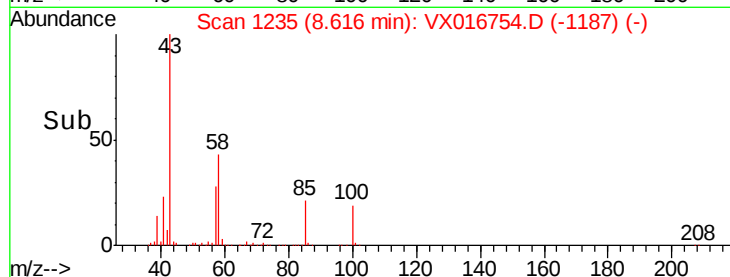
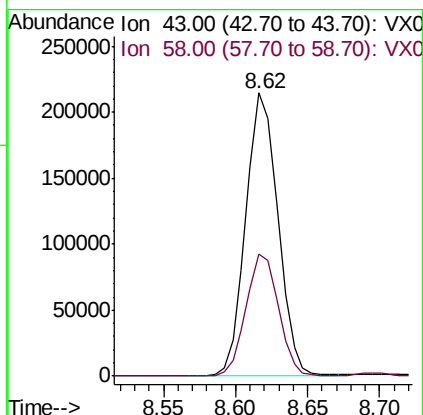
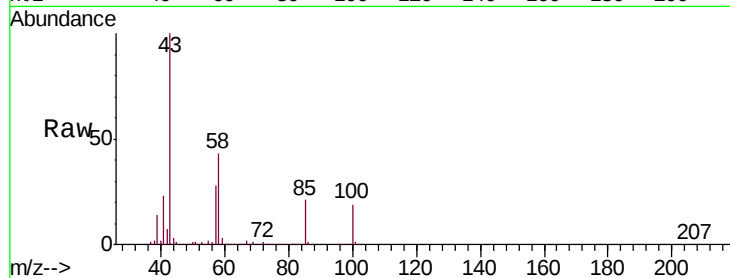




#51
 4-Methyl-2-Pentanone
 Concen: 88.278 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

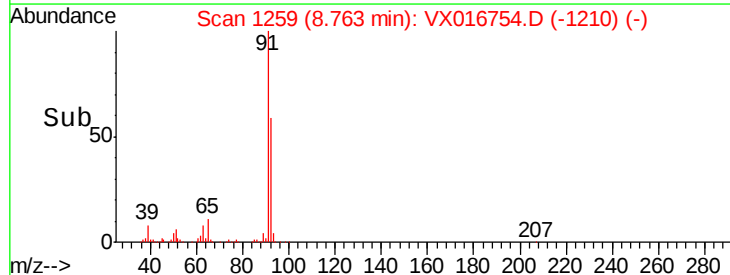
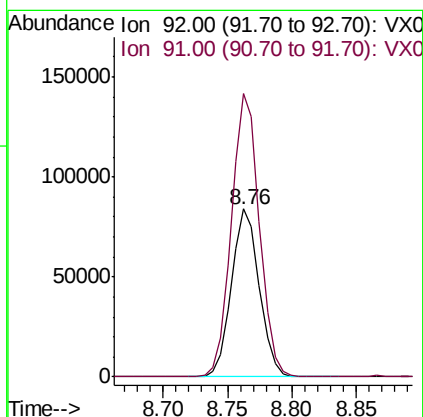
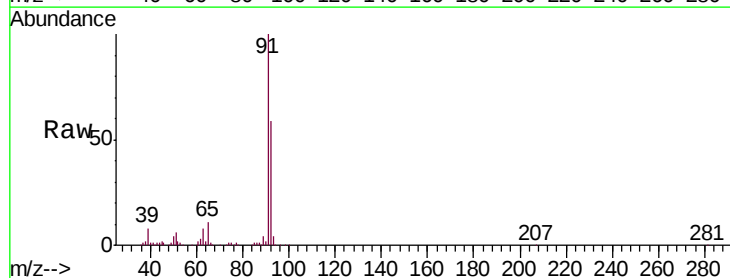
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

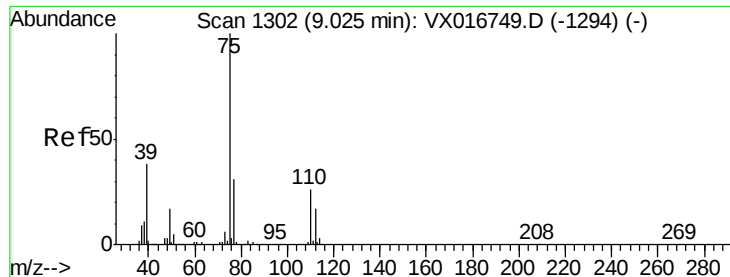
Tgt Ion: 43 Resp: 331978
 Ion Ratio Lower Upper
 43 100
 58 43.6 34.6 52.0



#52
 Toluene
 Concen: 18.013 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

Tgt Ion: 92 Resp: 126667
 Ion Ratio Lower Upper
 92 100
 91 169.2 136.1 204.1

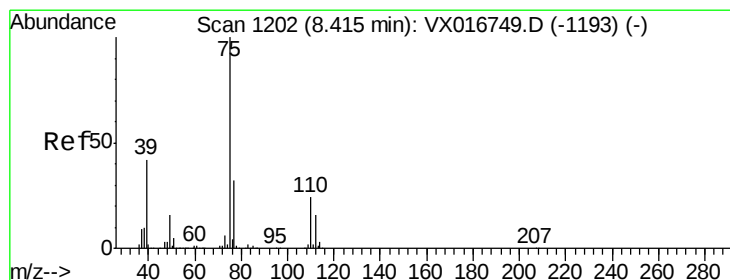
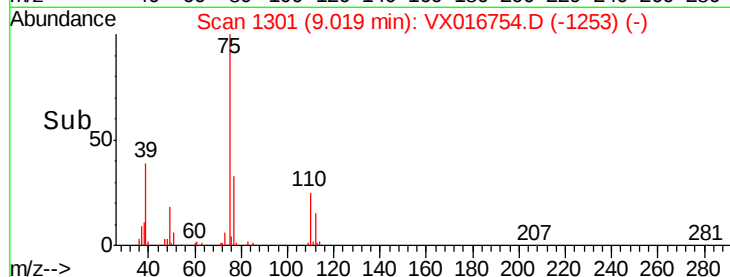
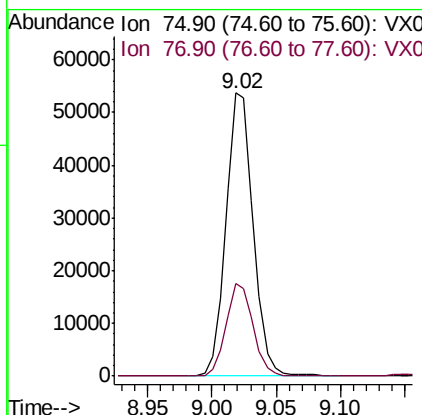
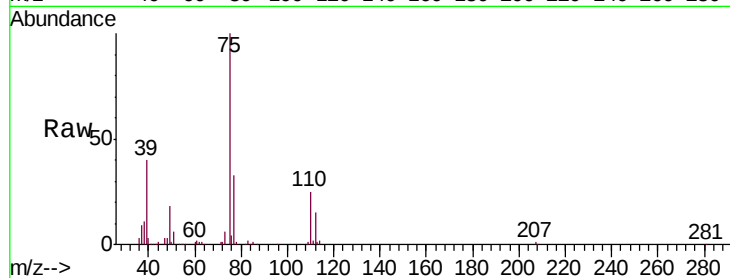




#53
t-1,3-Dichloropropene
Concen: 17.474 ug/l
RT: 9.02 min Scan# 1301
Delta R.T. -0.01 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

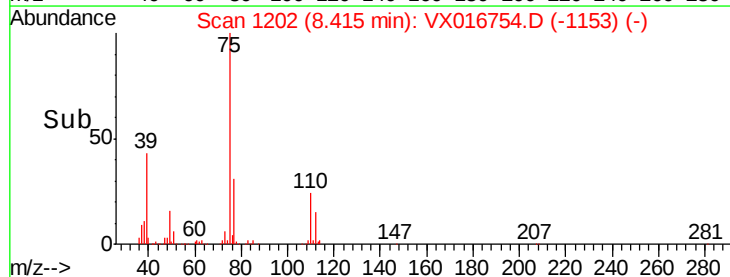
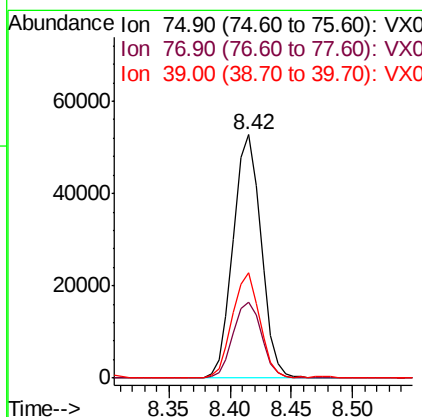
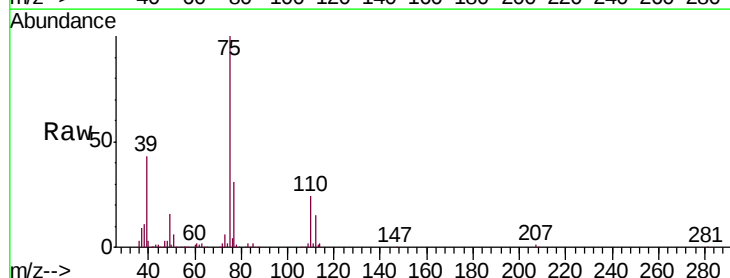
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

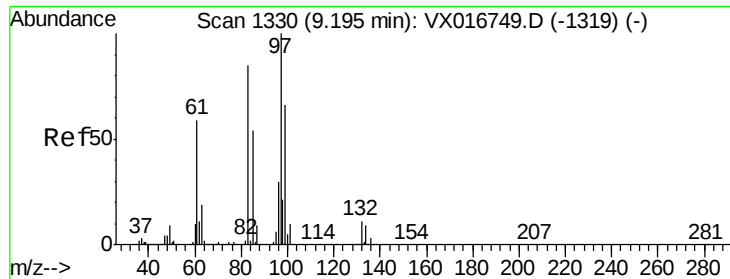
Tgt Ion: 75 Resp: 79587
Ion Ratio Lower Upper
75 100
77 32.9 24.7 37.1



#54
cis-1,3-Dichloropropene
Concen: 17.626 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Tgt Ion: 75 Resp: 83736
Ion Ratio Lower Upper
75 100
77 31.2 25.3 37.9
39 43.1 33.7 50.5

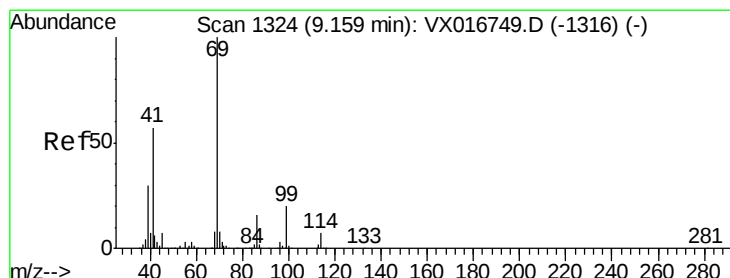
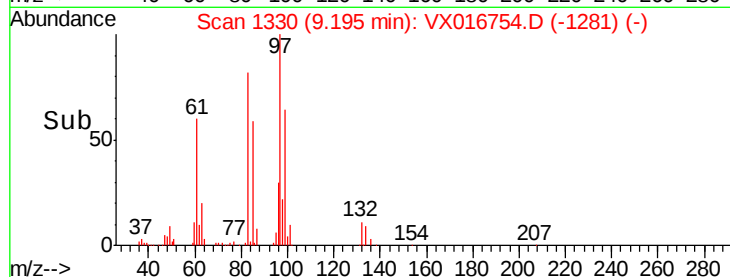
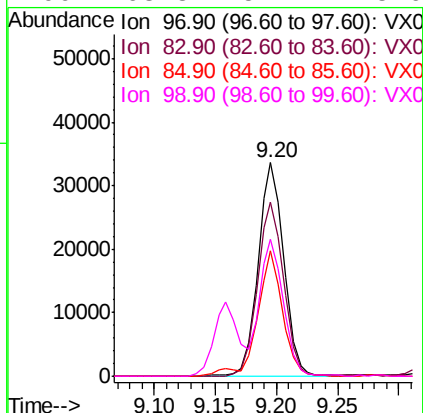
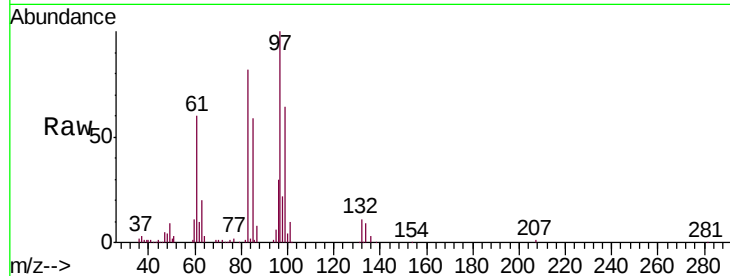




#55
 1,1,2-Trichloroethane
 Concen: 17.443 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

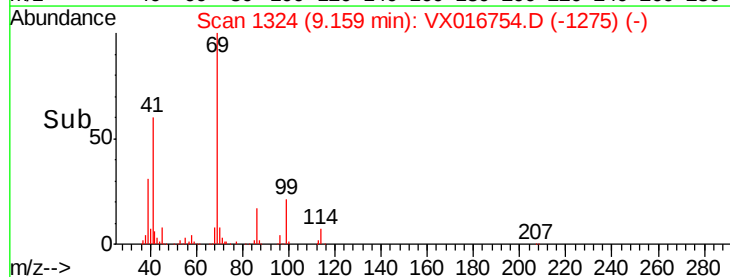
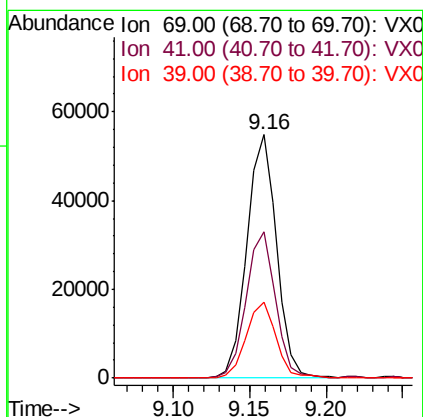
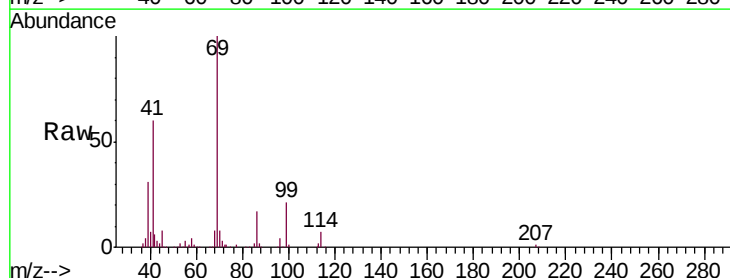
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

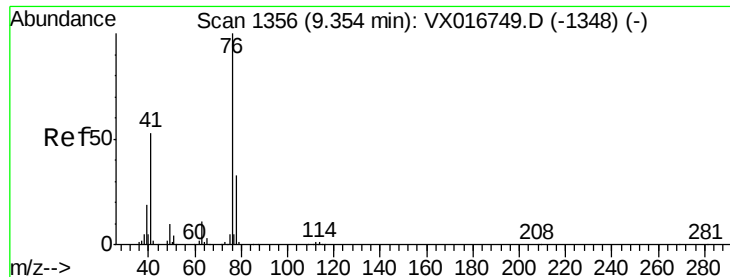
Tgt Ion:	97	Resp:	49328
Ion	Ratio	Lower	Upper
97	100		
83	81.6	68.3	102.5
85	58.6	43.5	65.3
99	63.8	52.4	78.6



#56
 Ethyl methacrylate
 Concen: 17.481 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

Tgt Ion:	69	Resp:	74018
Ion	Ratio	Lower	Upper
69	100		
41	59.7	47.1	70.7
39	30.9	25.0	37.6





#57

1,3-Dichloropropane

Concen: 17.386 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

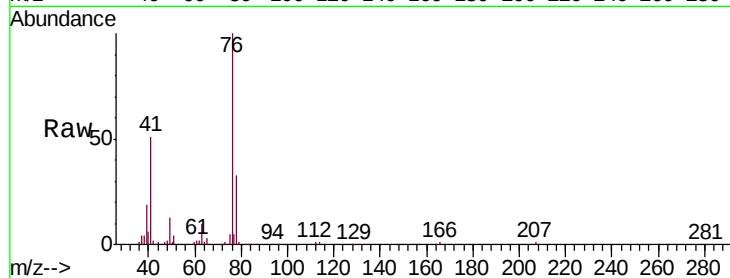
VX0615WBS01

Tgt Ion: 76 Resp: 82650

Ion Ratio Lower Upper

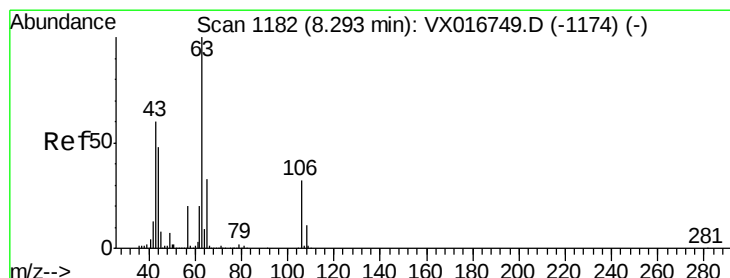
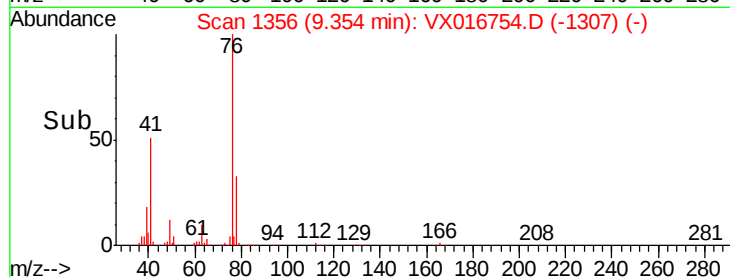
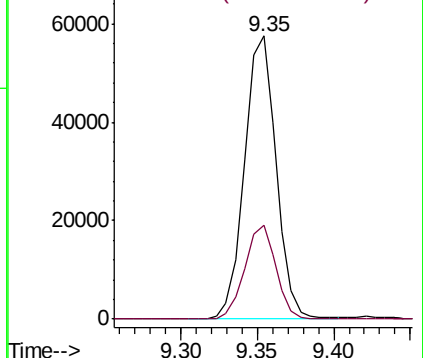
76 100

78 32.9 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 91.848 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016754.D

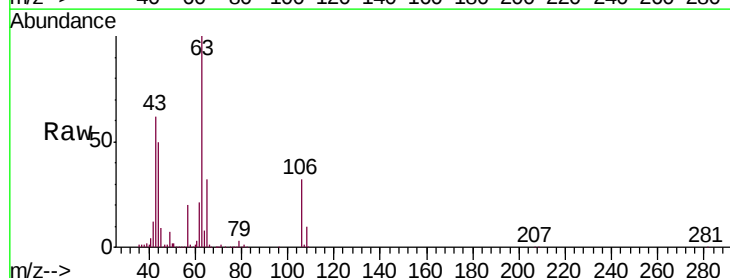
Acq: 15 Jun 2020 15:14

Tgt Ion: 63 Resp: 191216

Ion Ratio Lower Upper

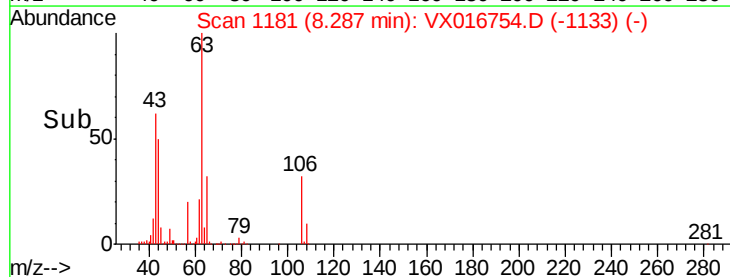
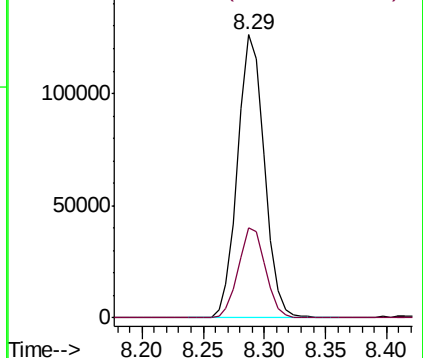
63 100

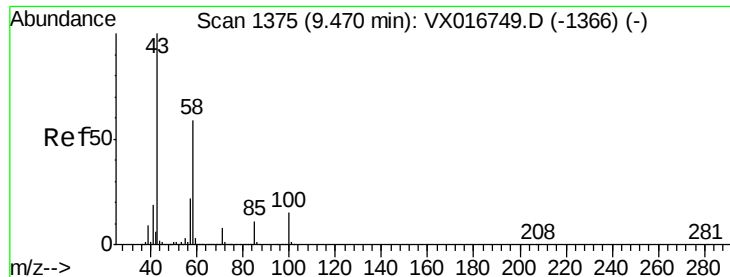
106 32.4 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

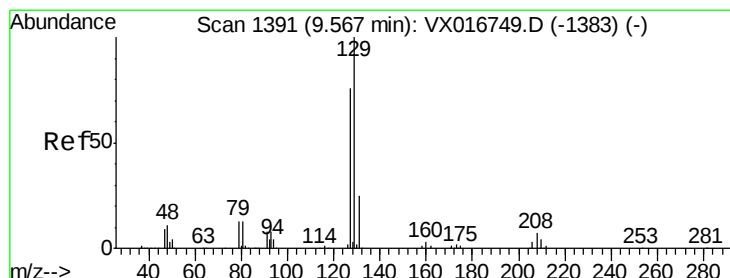
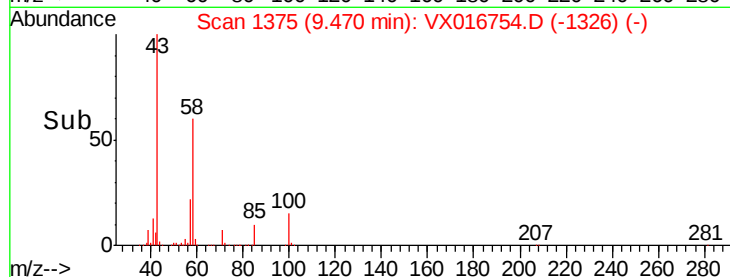
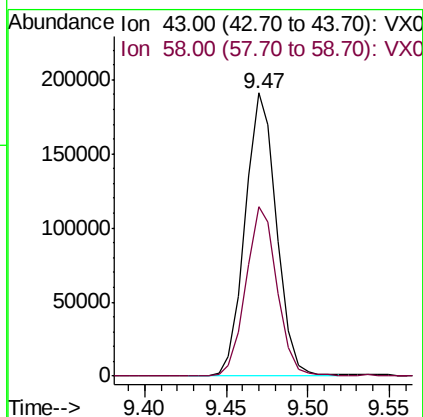
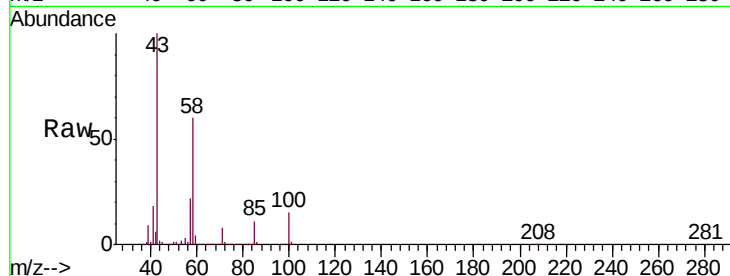




#59
2-Hexanone
Concen: 88.205 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

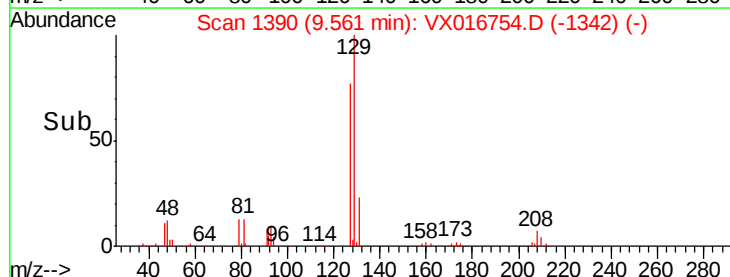
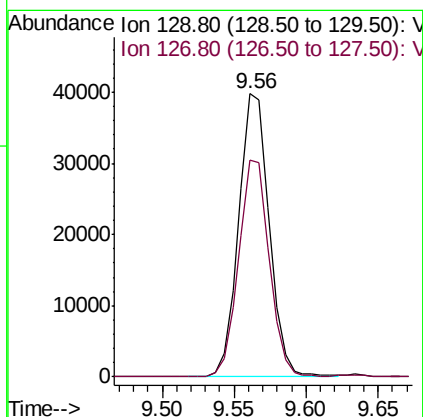
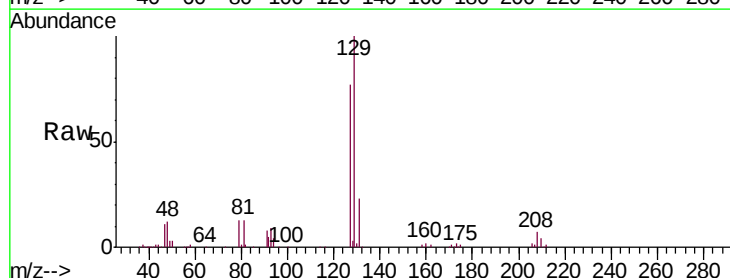
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

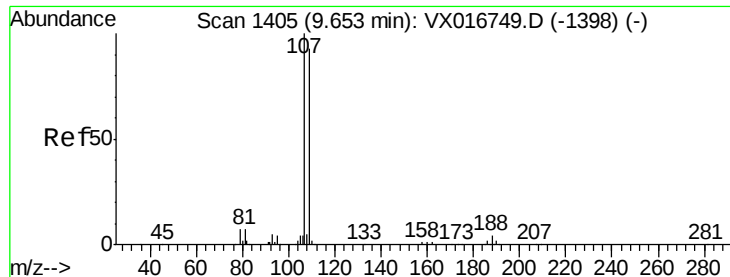
Tgt Ion: 43 Resp: 256065
Ion Ratio Lower Upper
43 100
58 59.5 29.9 89.8



#60
Dibromochloromethane
Concen: 17.540 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Tgt Ion: 129 Resp: 58622
Ion Ratio Lower Upper
129 100
127 77.0 38.7 116.1





#61

1,2-Dibromoethane

Concen: 17.025 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

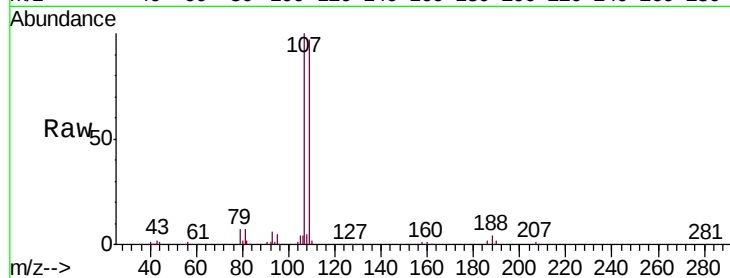
VX0615WBS01

Tgt Ion: 107 Resp: 52473

Ion Ratio Lower Upper

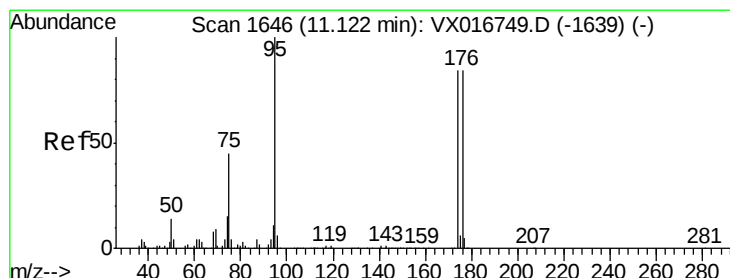
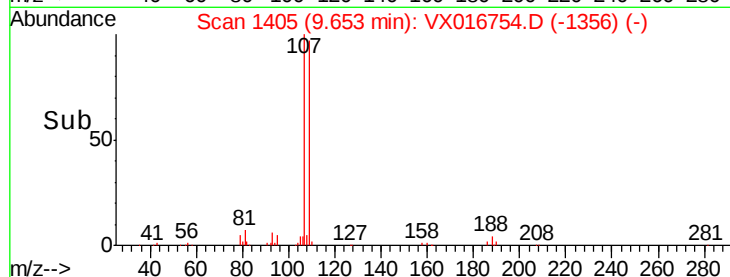
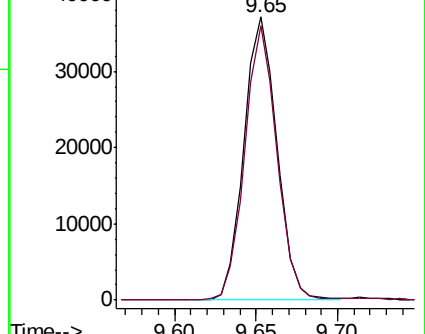
107 100

109 94.1 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.884 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

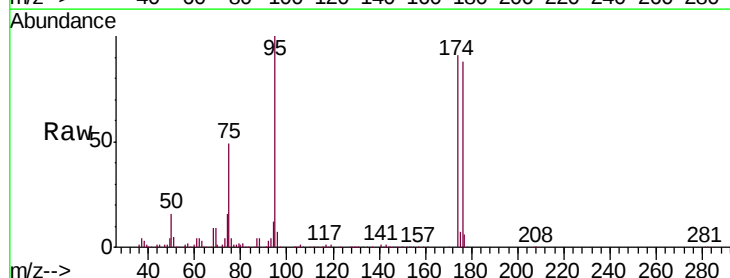
Tgt Ion: 95 Resp: 171153

Ion Ratio Lower Upper

95 100

174 87.2 0.0 171.0

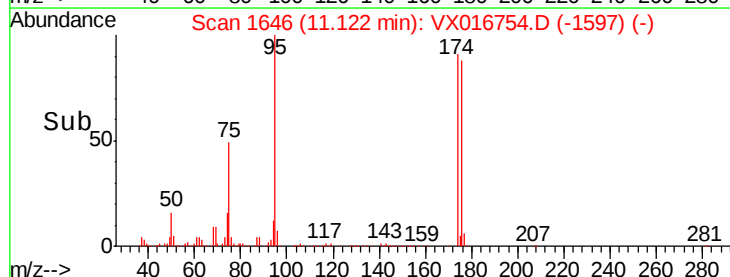
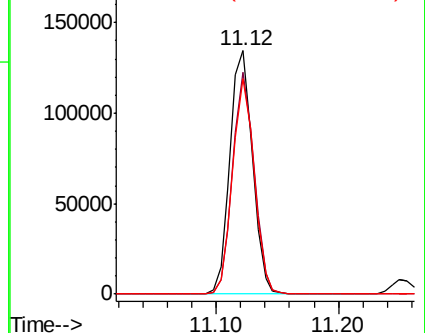
176 85.0 0.0 166.2

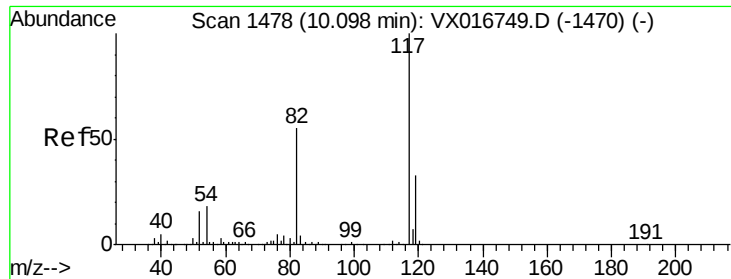


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

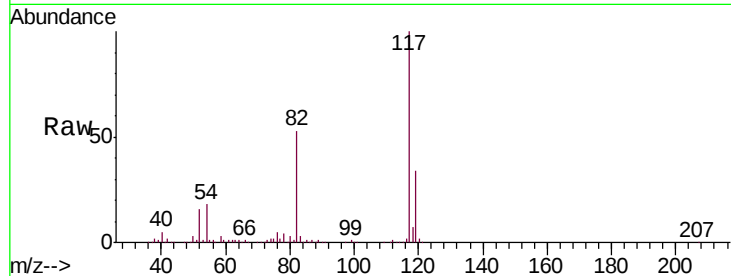




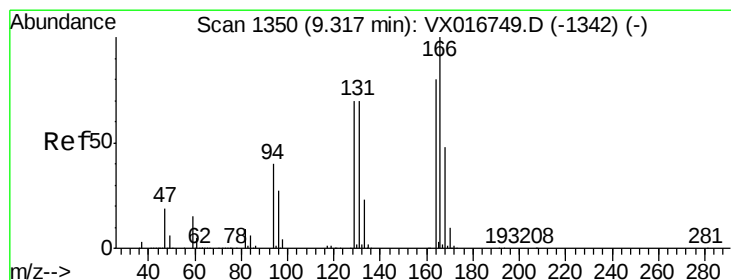
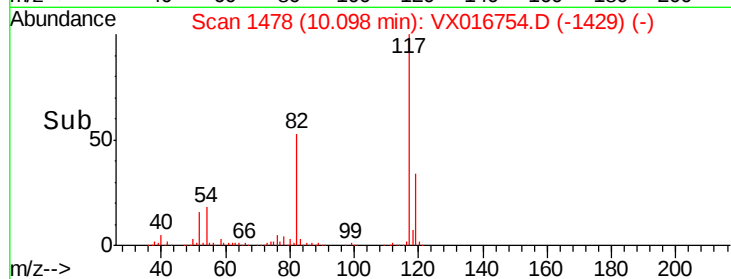
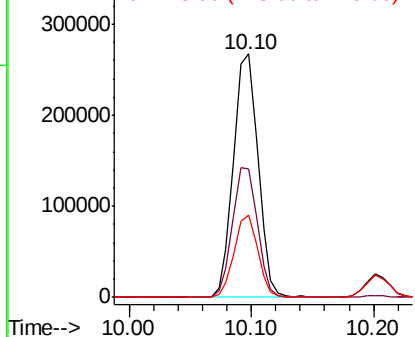
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

Tgt Ion:117 Resp: 371060
Ion Ratio Lower Upper
117 100
82 52.9 43.8 65.6
119 33.6 26.2 39.4



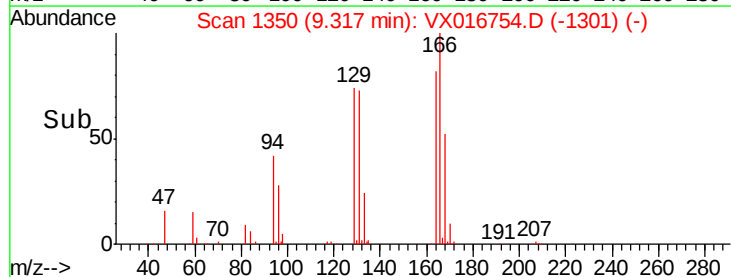
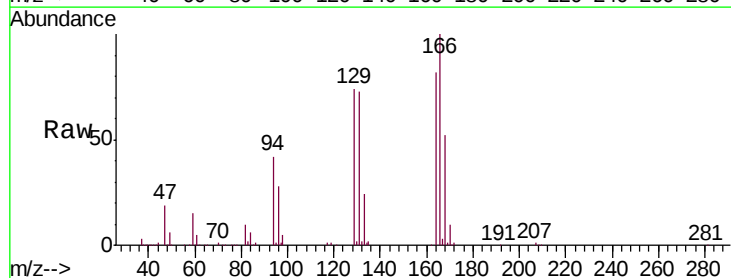
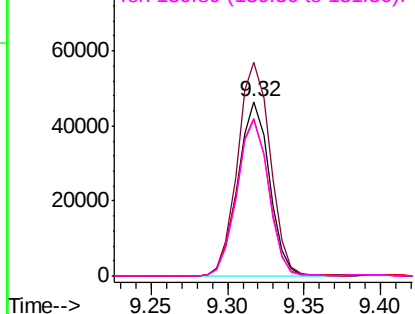
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

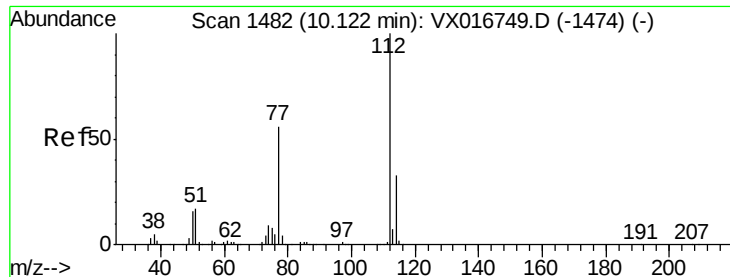


#64
Tetrachloroethene
Concen: 18.711 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Tgt Ion:164 Resp: 66669
Ion Ratio Lower Upper
164 100
166 122.4 100.6 150.8
129 90.4 70.1 105.1
131 89.4 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

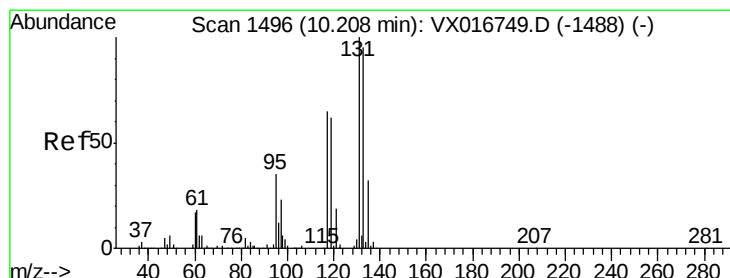
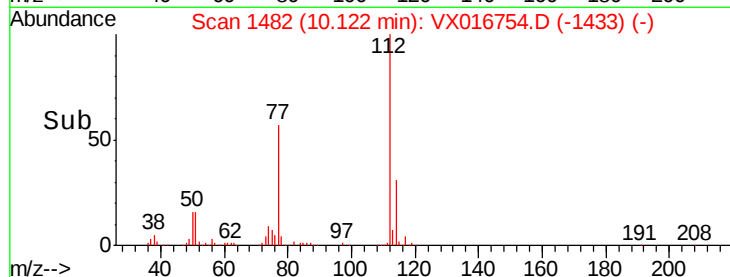
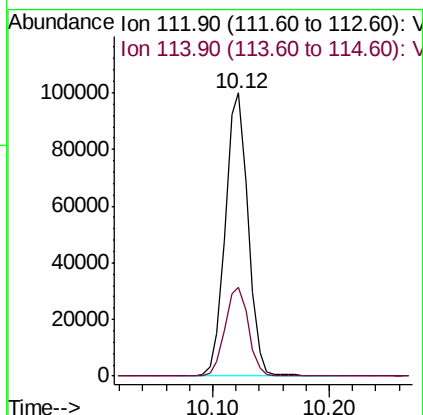
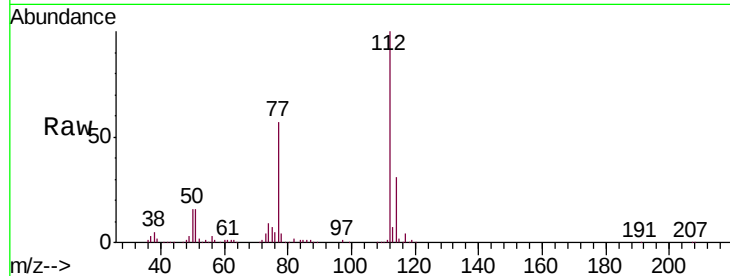




#65
Chlorobenzene
Concen: 17.940 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. -0.00 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

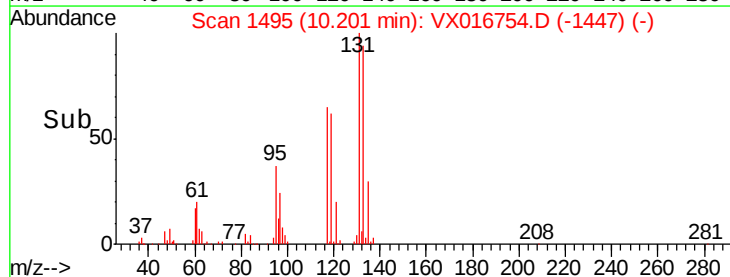
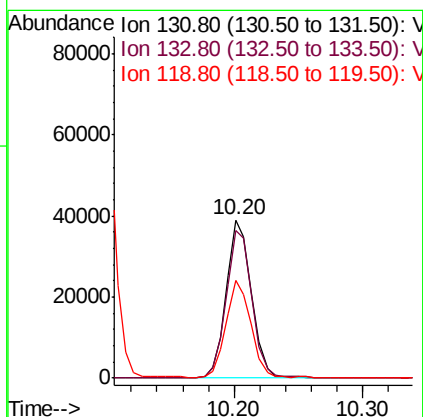
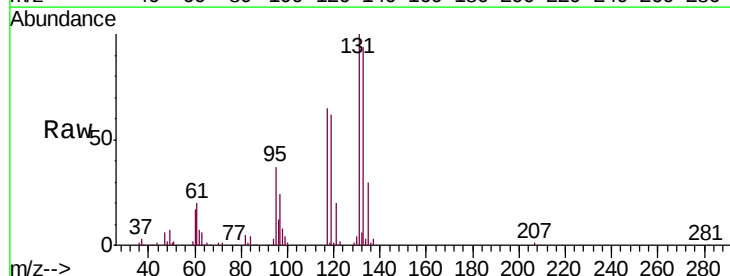
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

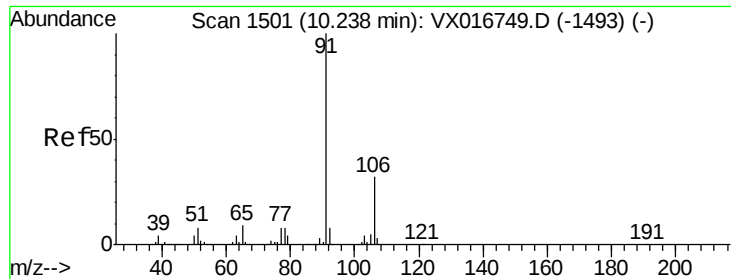
Tgt Ion:112 Resp: 135076
Ion Ratio Lower Upper
112 100
114 31.2 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 17.916 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Tgt Ion:131 Resp: 53814
Ion Ratio Lower Upper
131 100
133 96.0 46.8 140.3
119 62.3 31.4 94.0





#67

Ethyl Benzene

Concen: 18.737 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

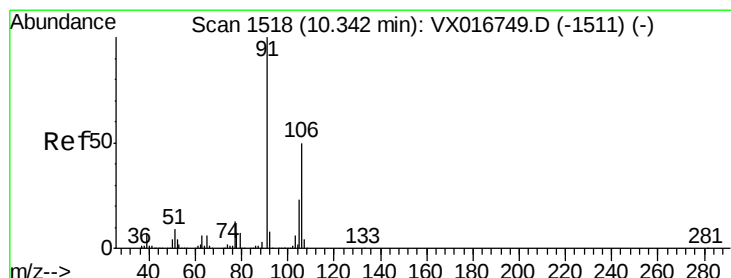
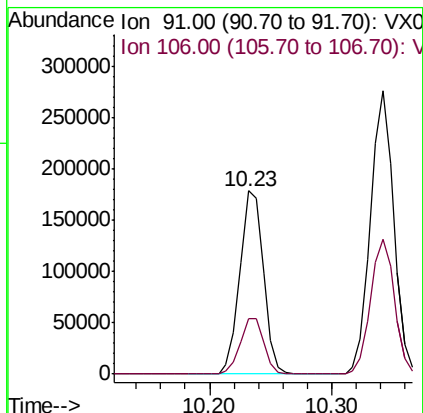
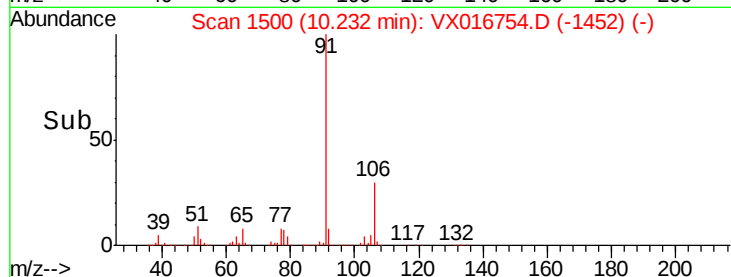
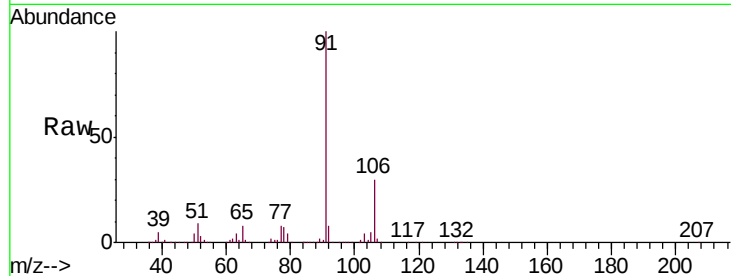
VX0615WBS01

Tgt Ion: 91 Resp: 238488

Ion Ratio Lower Upper

91 100

106 30.3 25.3 37.9



#68

m/p-Xylenes

Concen: 37.143 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX016754.D

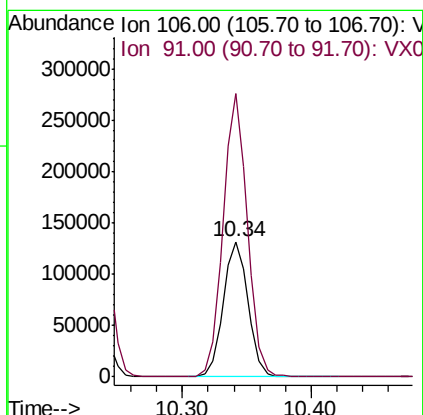
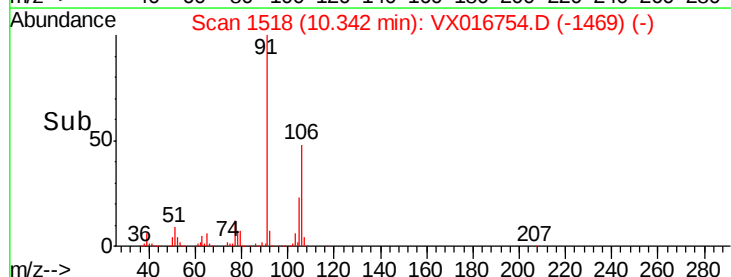
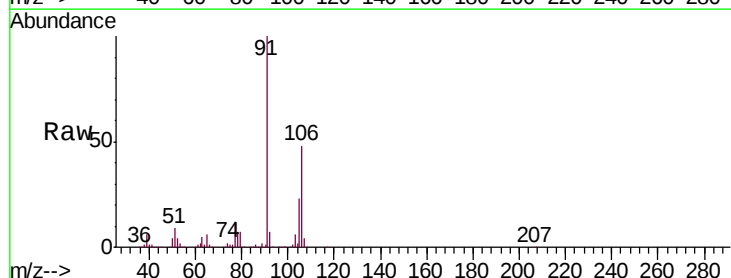
Acq: 15 Jun 2020 15:14

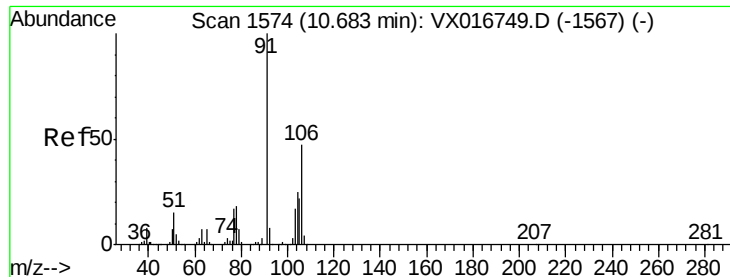
Tgt Ion: 106 Resp: 179253

Ion Ratio Lower Upper

106 100

91 203.7 161.2 241.8

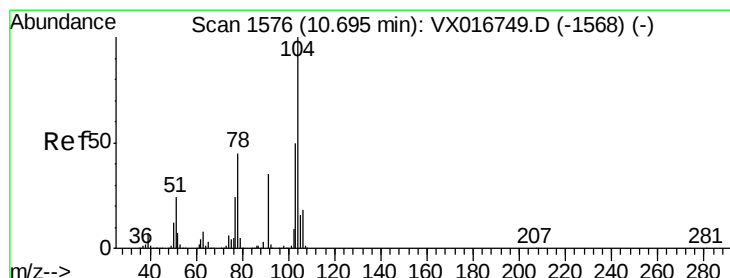
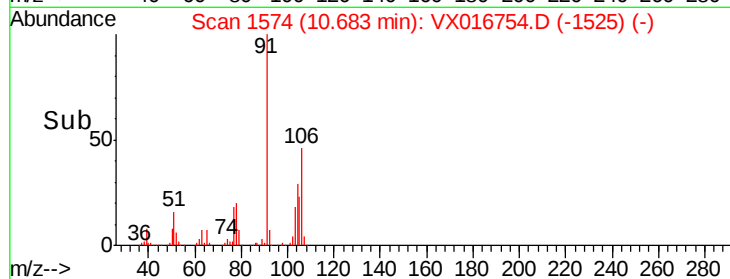
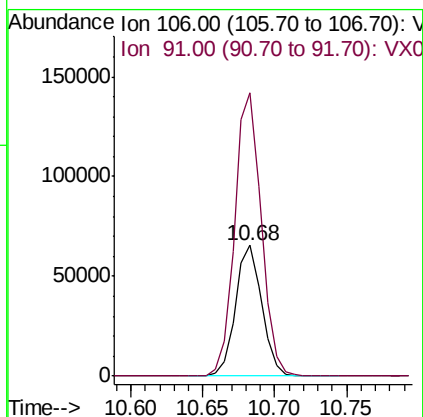
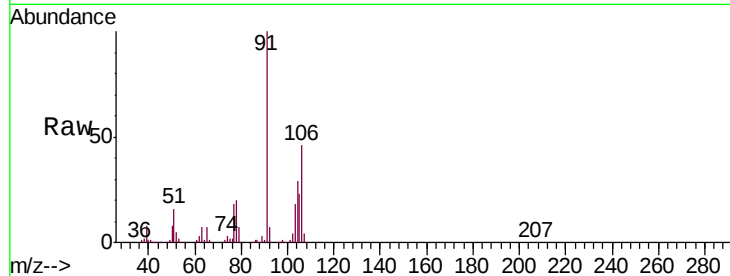




#69
o-Xylene
Concen: 18.025 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

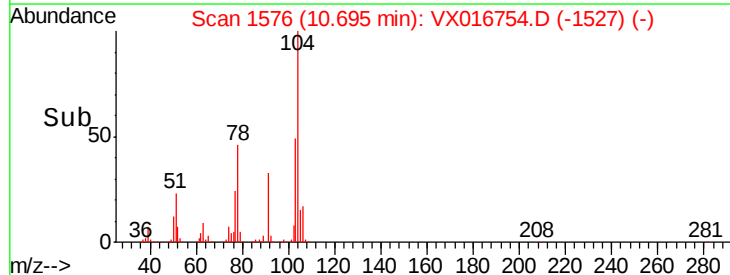
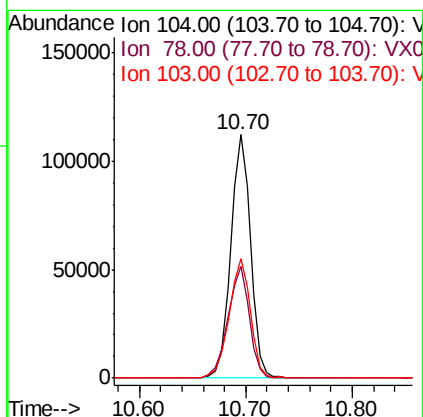
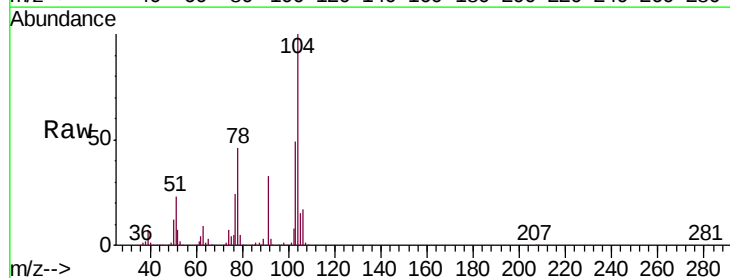
Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

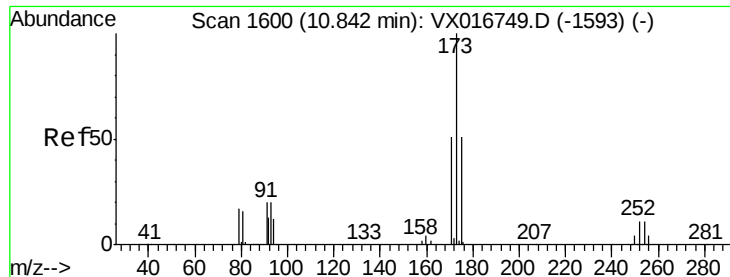
Tgt Ion:106 Resp: 83804
Ion Ratio Lower Upper
106 100
91 218.3 106.9 320.8



#70
Styrene
Concen: 18.308 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Tgt Ion:104 Resp: 147146
Ion Ratio Lower Upper
104 100
78 49.1 39.8 59.8
103 52.9 43.4 65.2





#71

Bromoform

Concen: 17.678 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

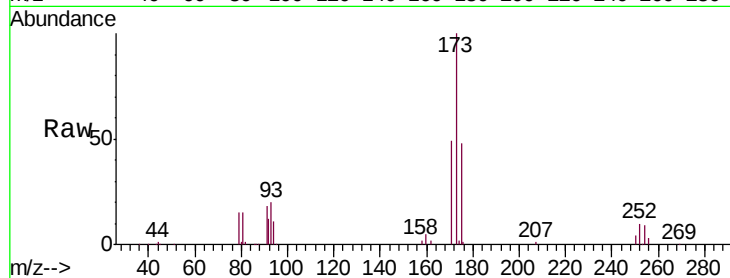
Tgt Ion:173 Resp: 45304

Ion Ratio Lower Upper

173 100

175 49.4 25.1 75.4

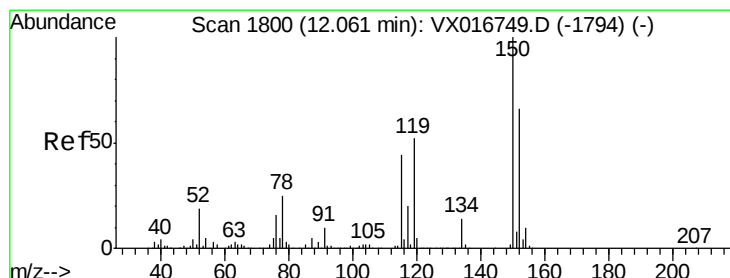
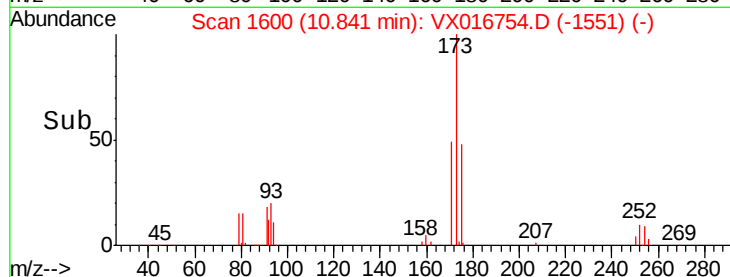
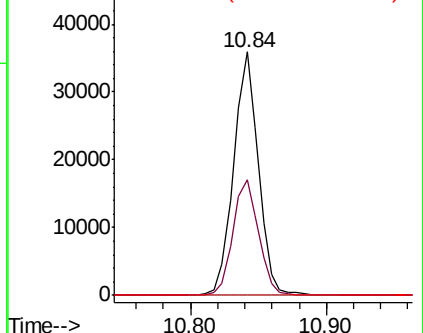
254 0.0 0.1 0.1#



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: VX016754.D

Acq: 15 Jun 2020 15:14

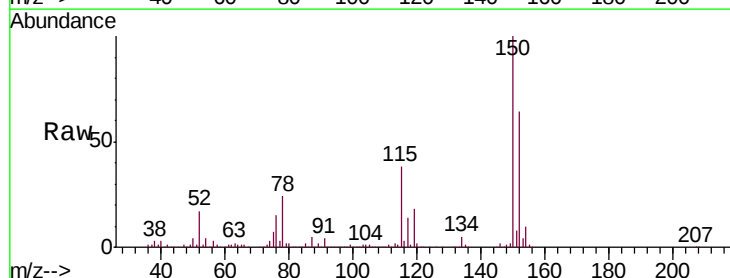
Tgt Ion:152 Resp: 187034

Ion Ratio Lower Upper

152 100

115 65.7 40.3 120.8

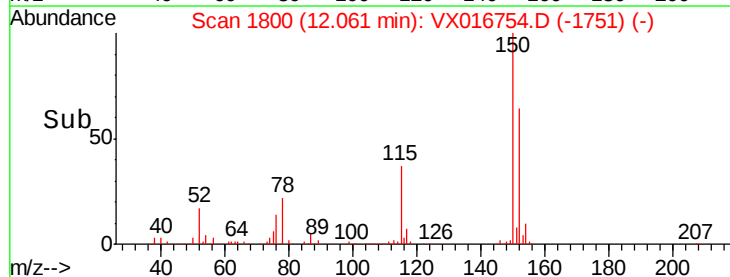
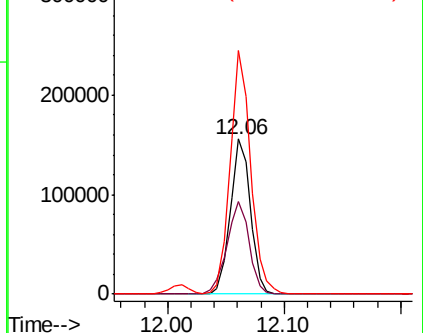
150 160.3 0.0 337.4

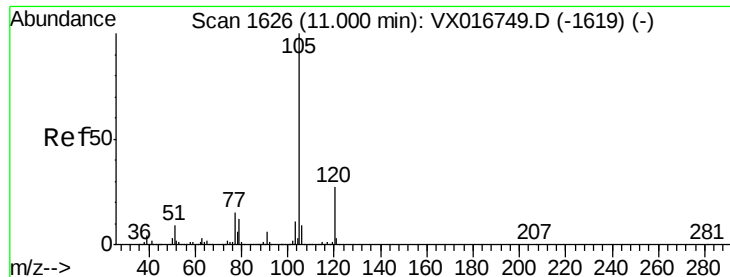


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.658 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

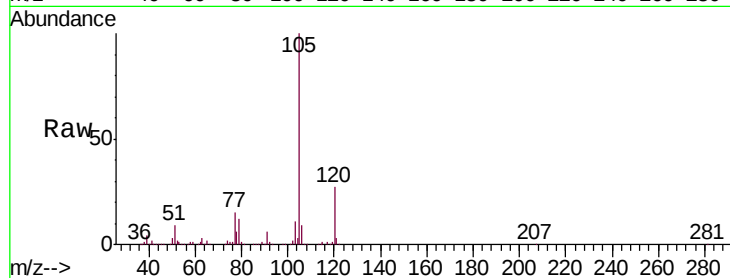
VX0615WBS01

Tgt Ion:105 Resp: 228985

Ion Ratio Lower Upper

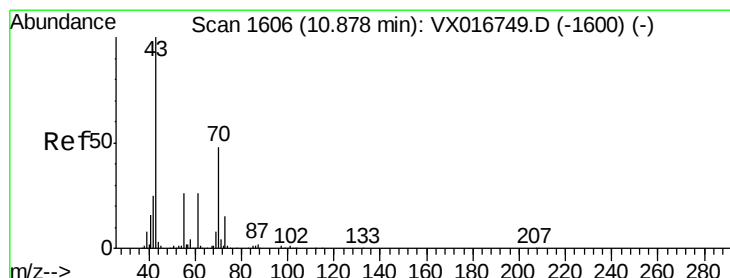
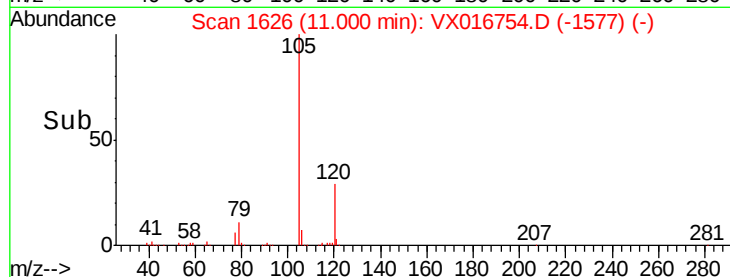
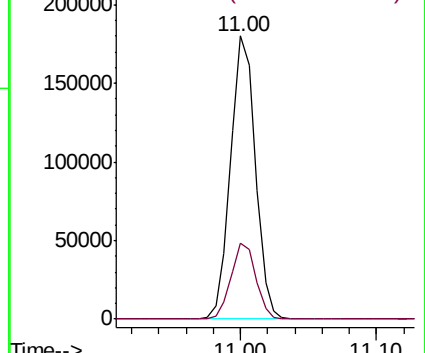
105 100

120 27.0 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.218 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Tgt Ion: 43 Resp: 86897

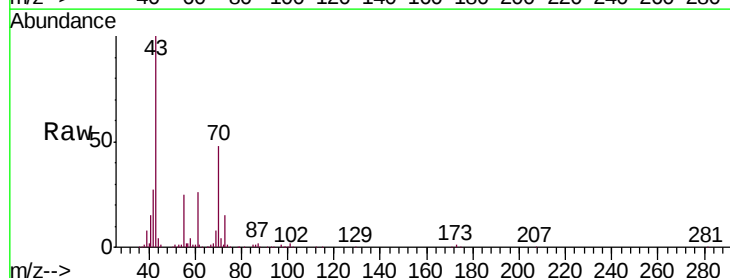
Ion Ratio Lower Upper

43 100

70 48.6 39.8 59.6

55 26.4 21.7 32.5

61 27.1 21.6 32.4

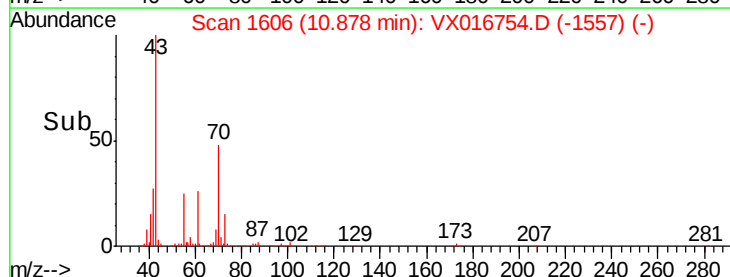
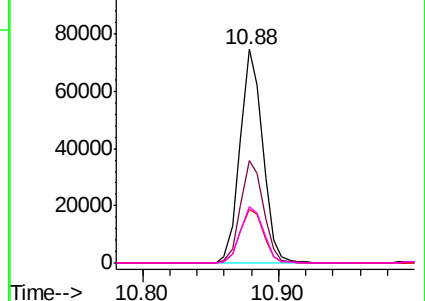


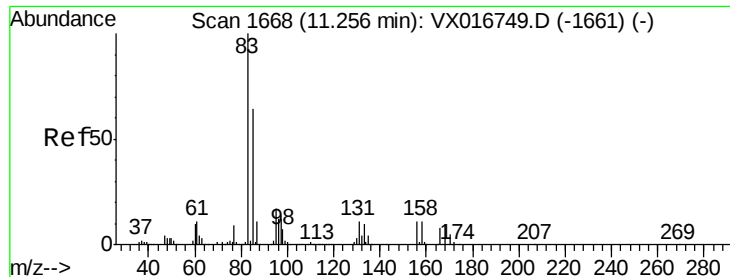
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 17.299 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

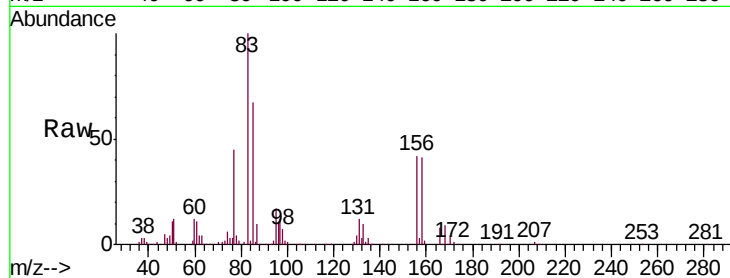
Tgt Ion: 83 Resp: 62449

Ion Ratio Lower Upper

83 100

131 11.4 5.7 17.0

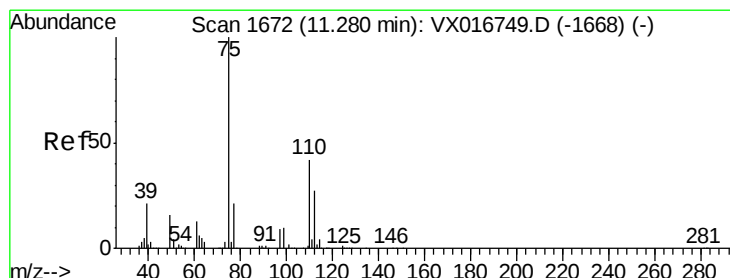
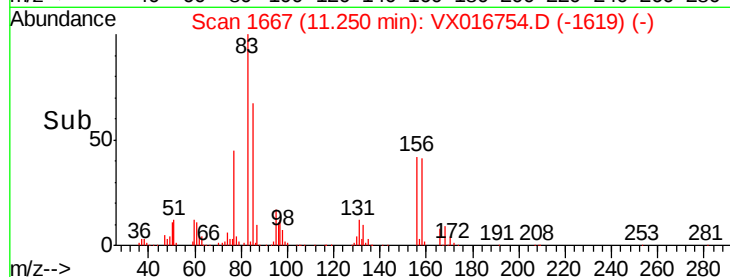
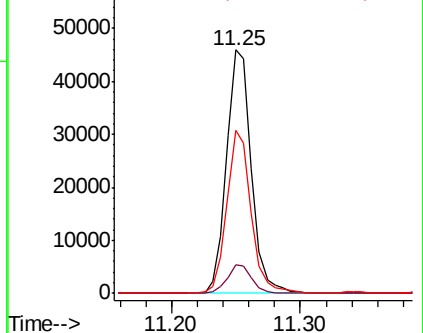
85 65.1 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 22.714 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX016754.D

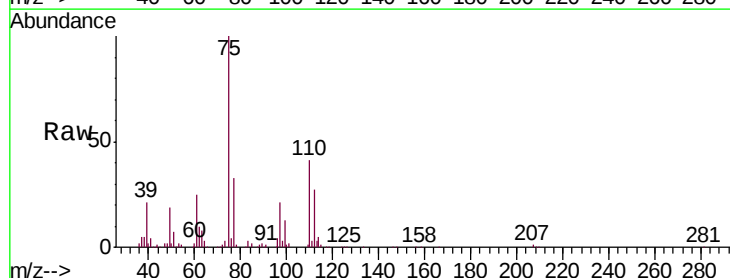
Acq: 15 Jun 2020 15:14

Tgt Ion: 75 Resp: 89338

Ion Ratio Lower Upper

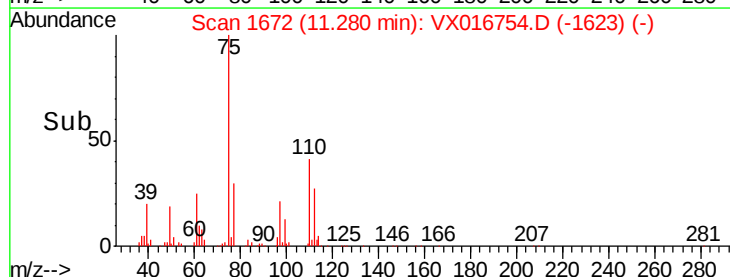
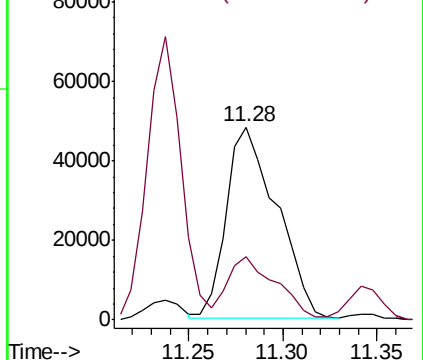
75 100

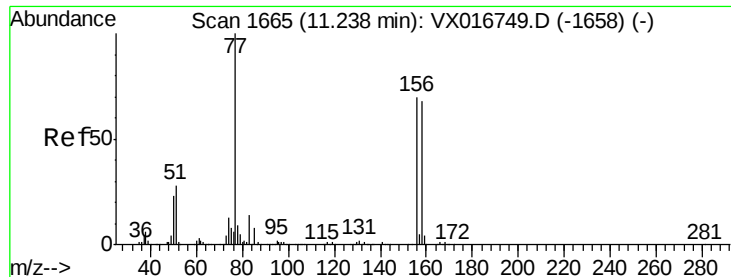
77 32.1 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 17.920 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

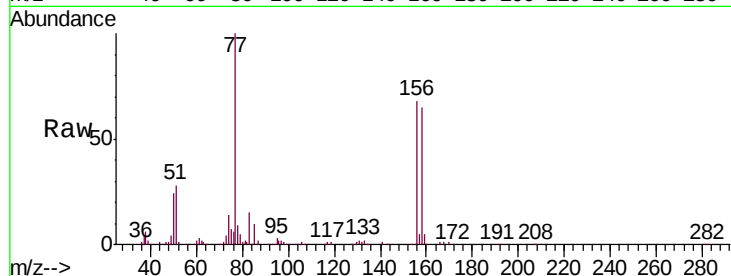
Tgt Ion:156 Resp: 62095

Ion Ratio Lower Upper

156 100

77 145.2 73.2 219.6

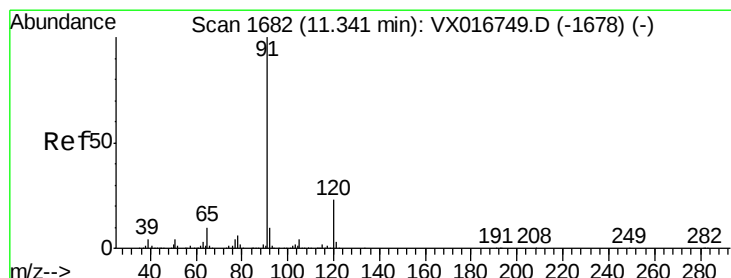
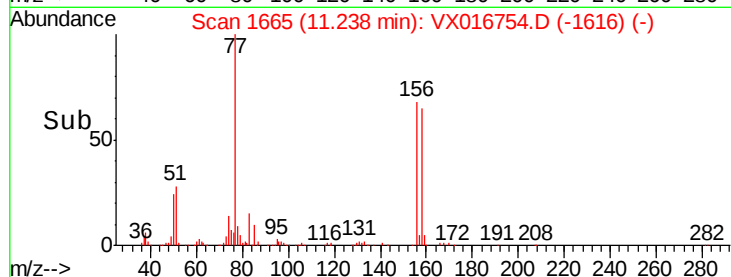
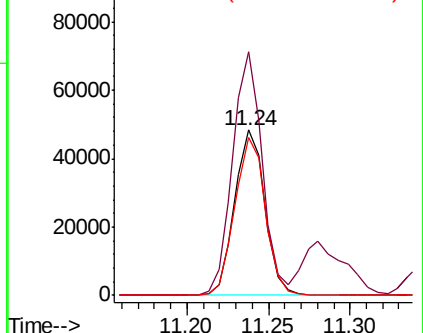
158 96.3 48.8 146.4



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: 19.113 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016754.D

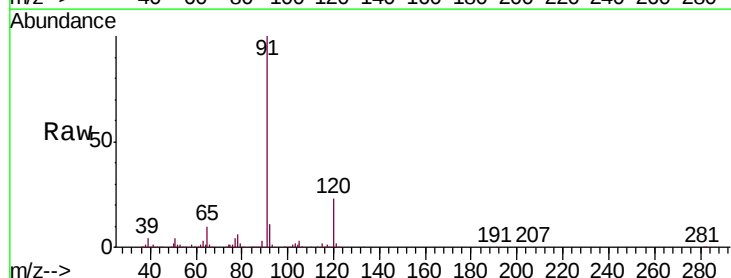
Acq: 15 Jun 2020 15:14

Tgt Ion: 91 Resp: 254728

Ion Ratio Lower Upper

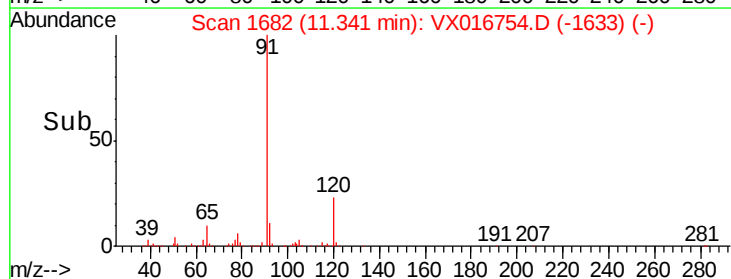
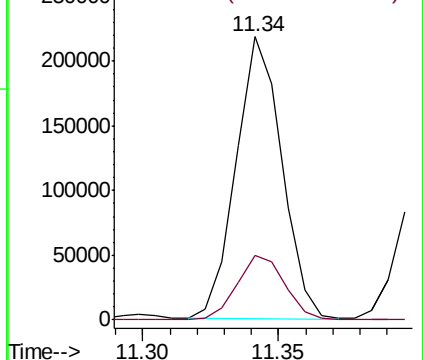
91 100

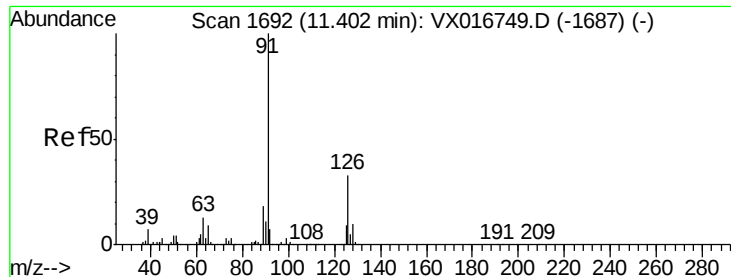
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.387 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

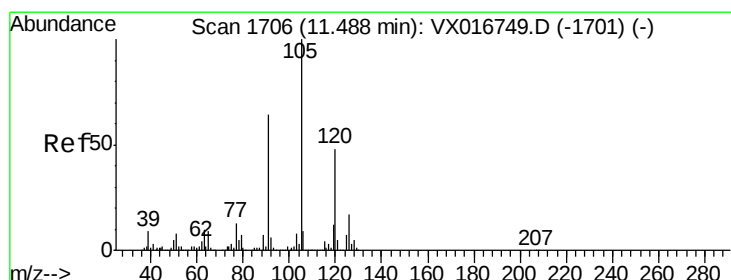
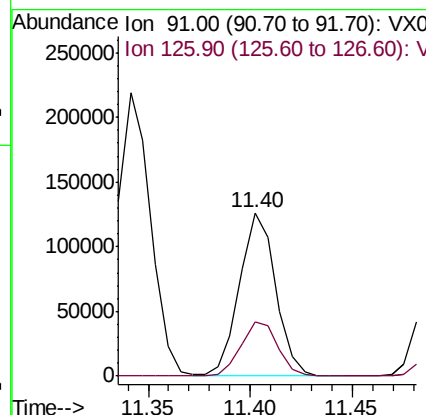
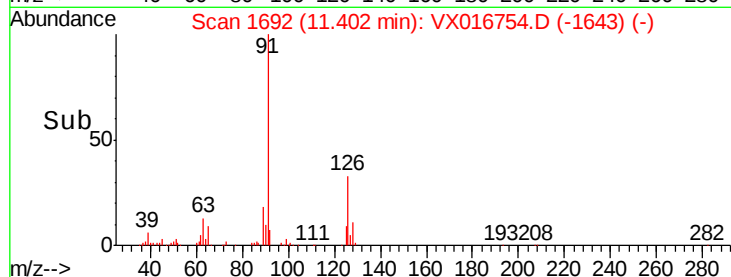
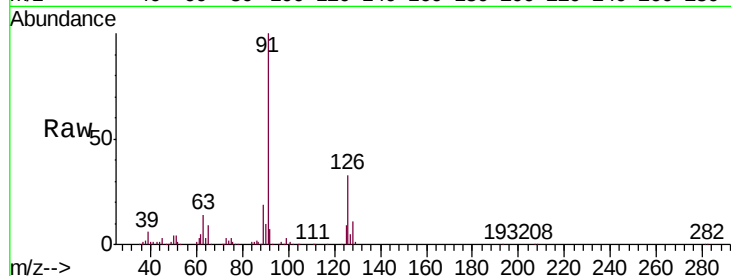
VX0615WBS01

Tgt Ion: 91 Resp: 154964

Ion Ratio Lower Upper

91 100

126 34.3 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 18.743 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.00 min

Lab File: VX016754.D

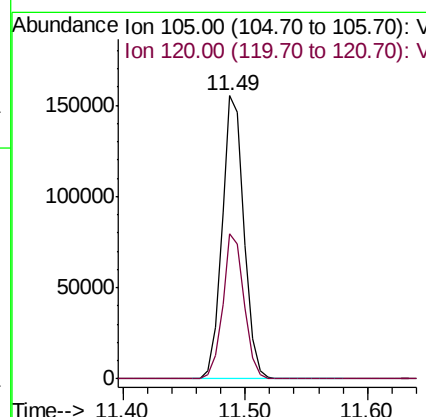
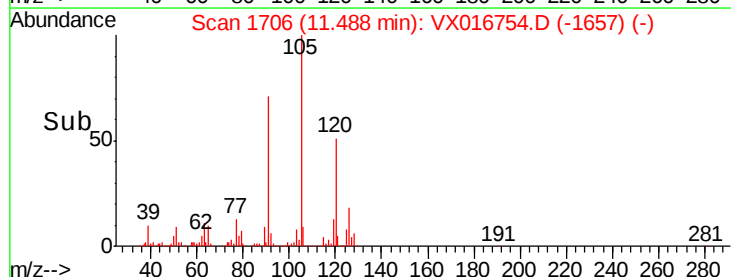
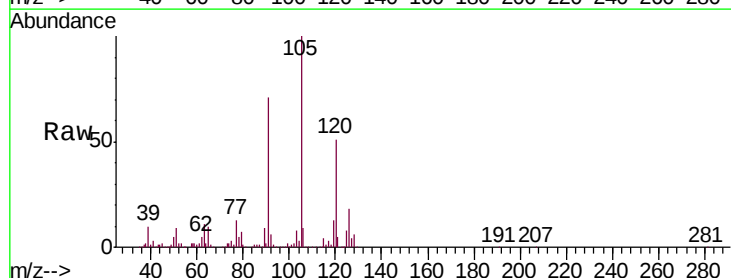
Acq: 15 Jun 2020 15:14

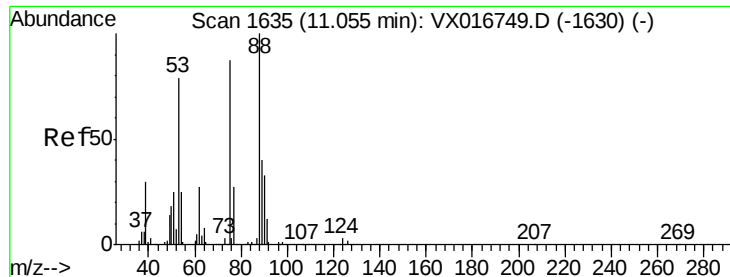
Tgt Ion: 105 Resp: 192822

Ion Ratio Lower Upper

105 100

120 50.2 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.005 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

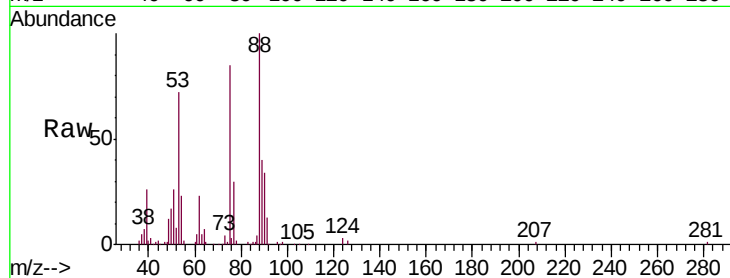
Tgt Ion: 75 Resp: 26569

Ion Ratio Lower Upper

75 100

53 86.6 71.4 107.0

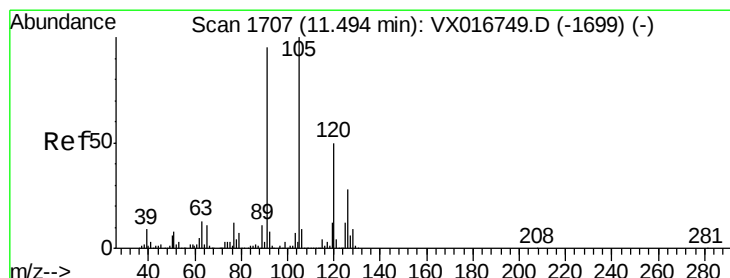
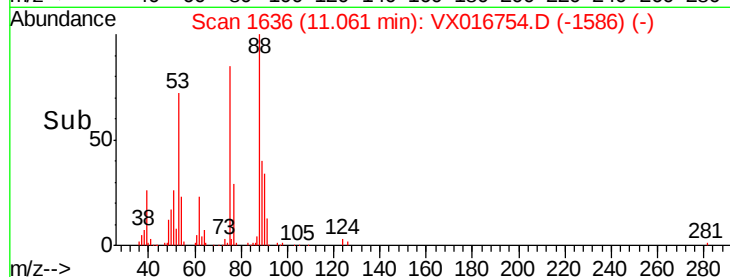
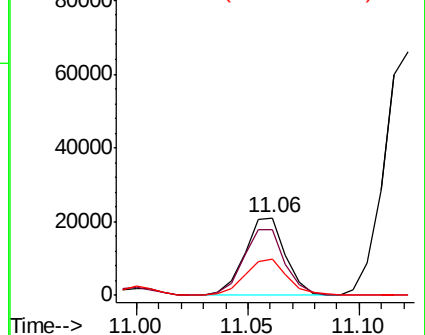
89 49.1 39.1 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 18.944 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016754.D

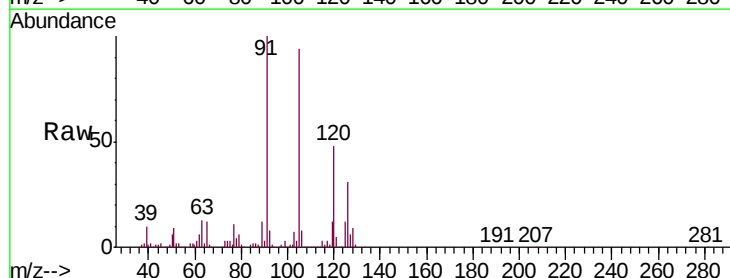
Acq: 15 Jun 2020 15:14

Tgt Ion: 91 Resp: 186875

Ion Ratio Lower Upper

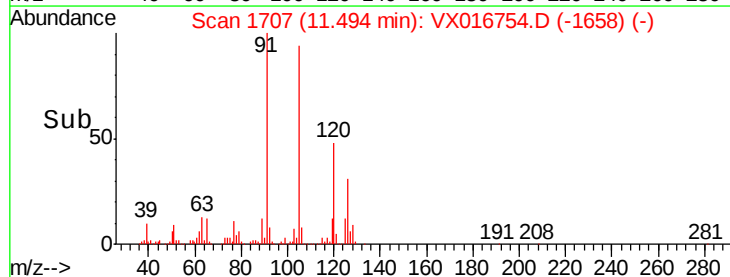
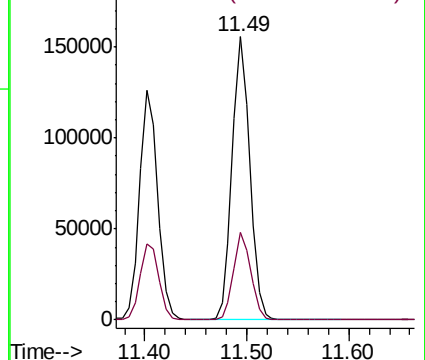
91 100

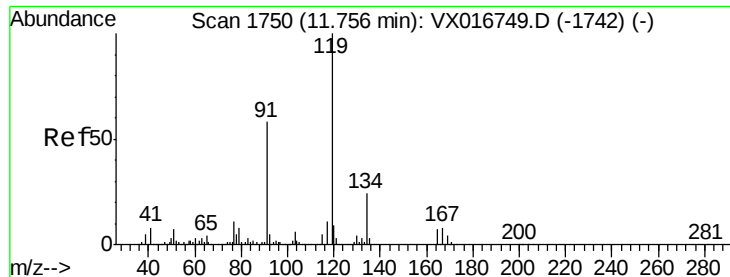
126 29.9 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

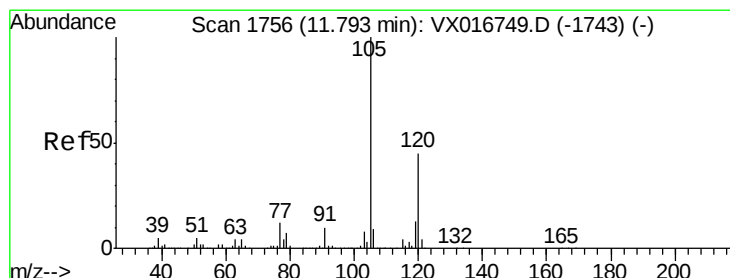
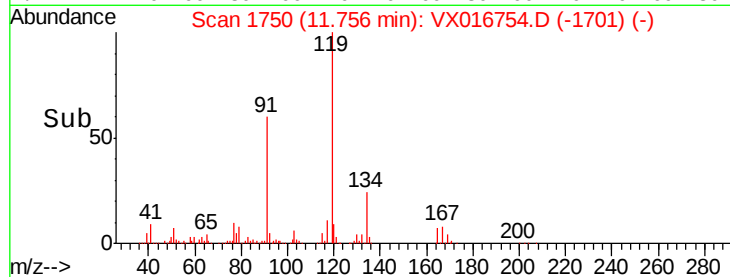
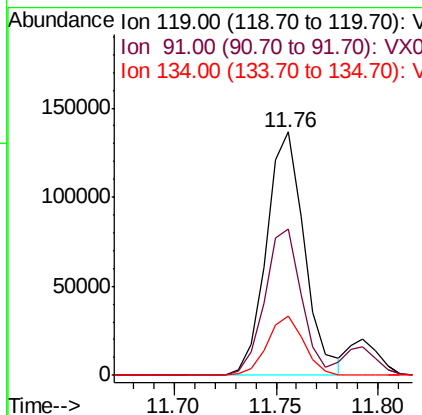
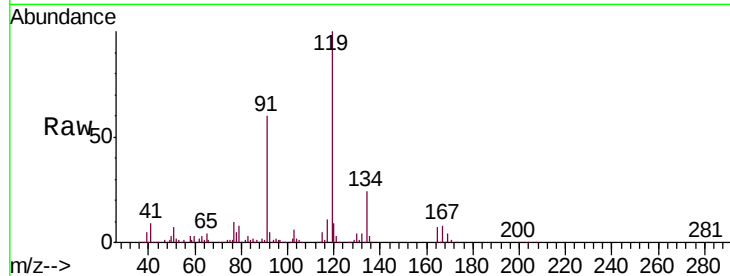




#83
 tert-Butylbenzene
 Concen: 18.821 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

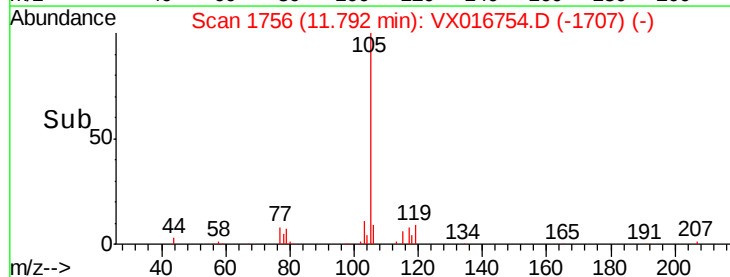
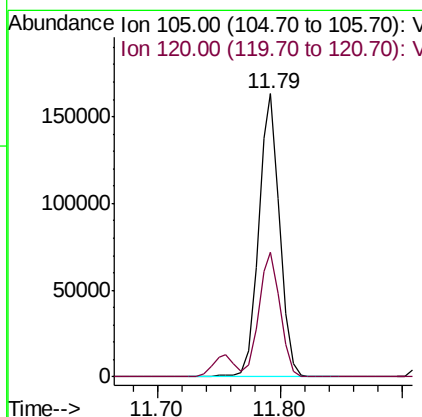
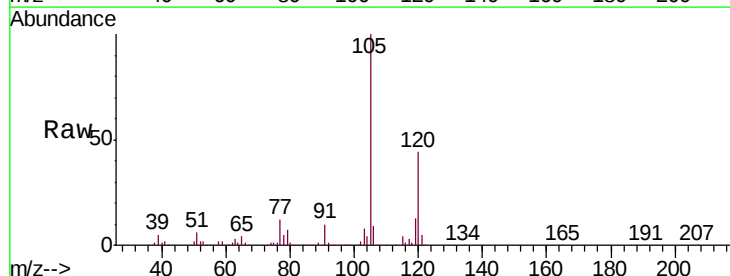
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

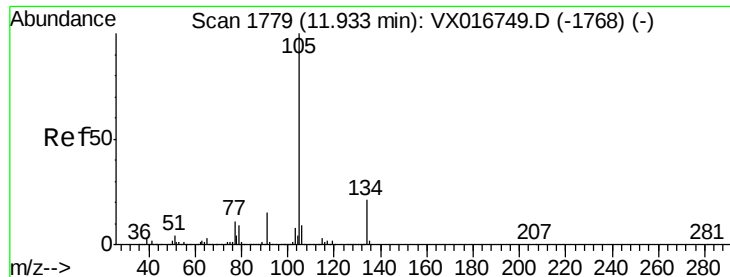
Tgt Ion:119 Resp: 177169
 Ion Ratio Lower Upper
 119 100
 91 58.2 29.3 88.0
 134 23.3 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.743 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

Tgt Ion:105 Resp: 195064
 Ion Ratio Lower Upper
 105 100
 120 44.8 22.6 67.8

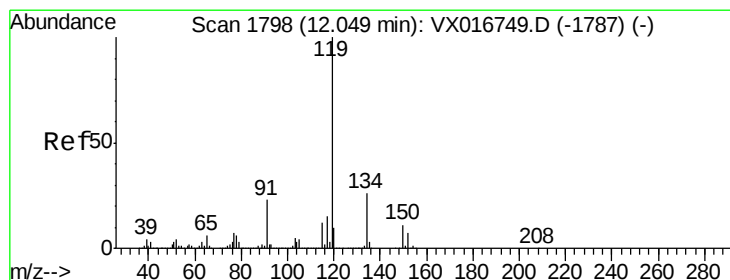
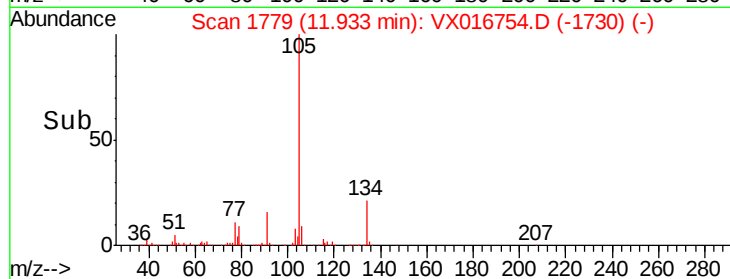
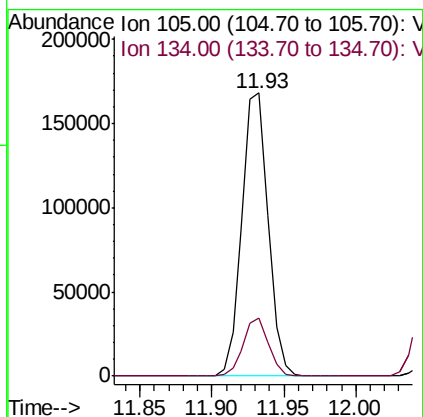
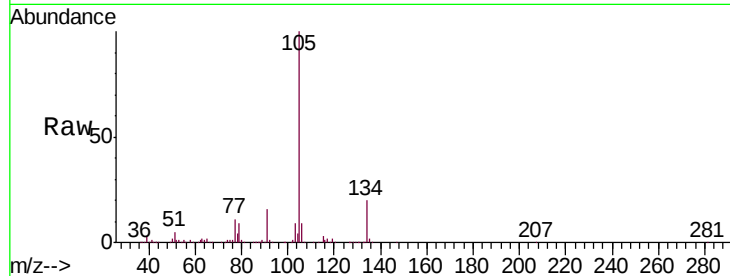




#85
 sec-Butylbenzene
 Concen: 19.337 ug/l
 RT: 11.93 min Scan# 1779
 Delta R.T. -0.00 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

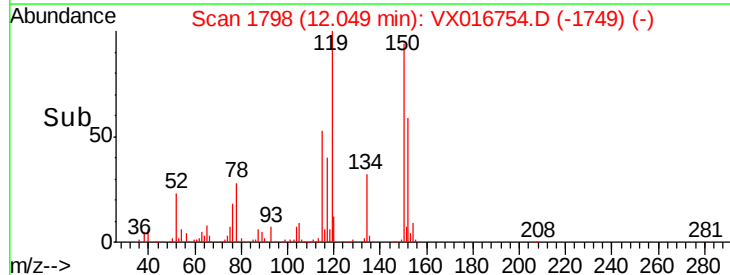
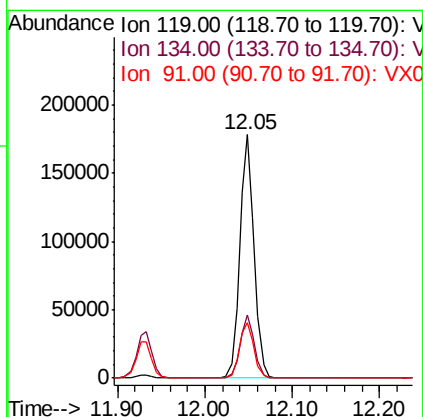
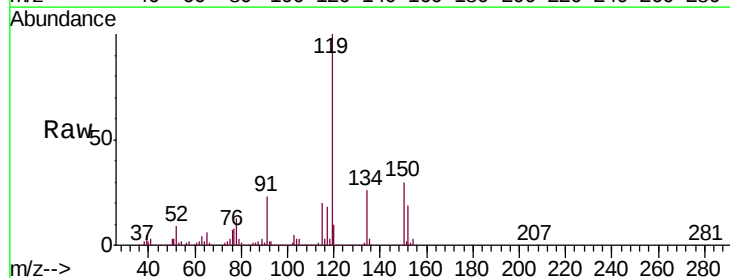
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

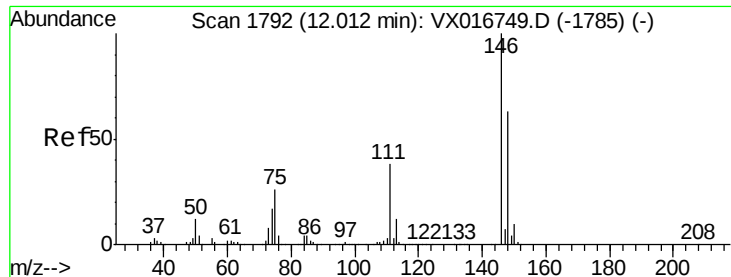
Tgt Ion:105 Resp: 212927
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 19.179 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

Tgt Ion:119 Resp: 202626
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 38.9
 91 23.3 11.6 34.7





#87

1,3-Dichlorobenzene

Concen: 17.982 ug/l

RT: 12.01 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

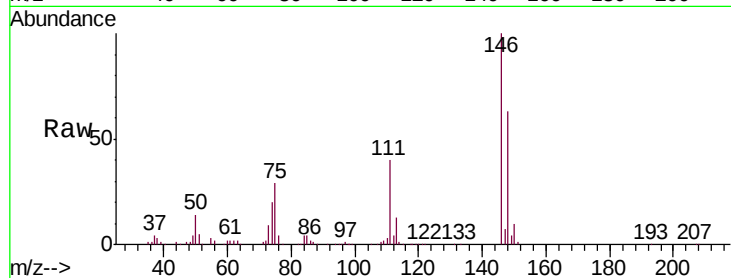
Tgt Ion:146 Resp: 105345

Ion Ratio Lower Upper

146 100

111 40.0 19.8 59.3

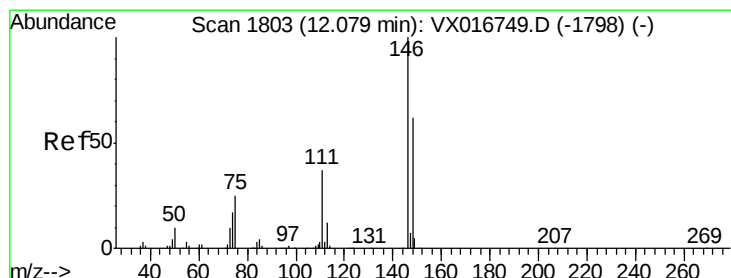
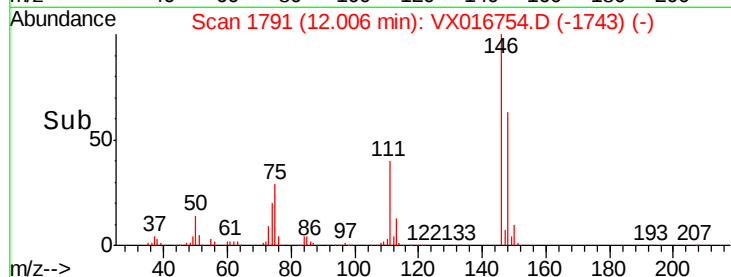
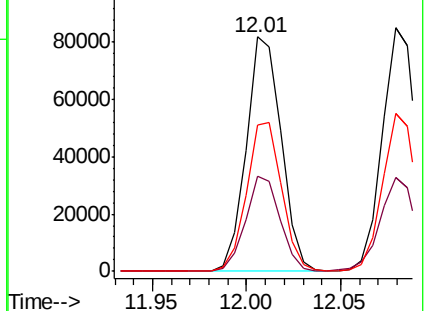
148 63.7 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.841 ug/l

RT: 12.08 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

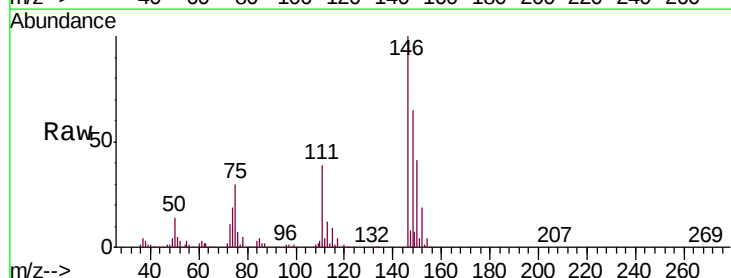
Tgt Ion:146 Resp: 108385

Ion Ratio Lower Upper

146 100

111 39.6 19.3 57.8

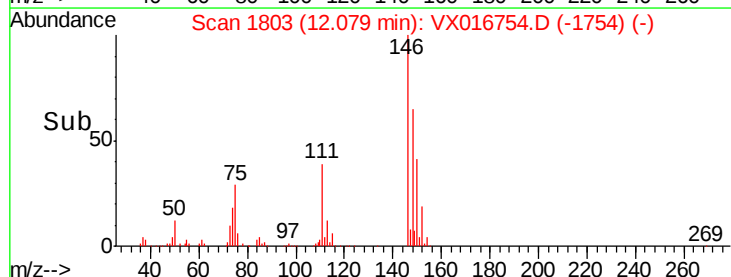
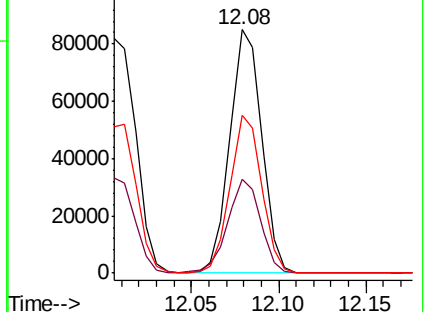
148 64.5 32.1 96.5

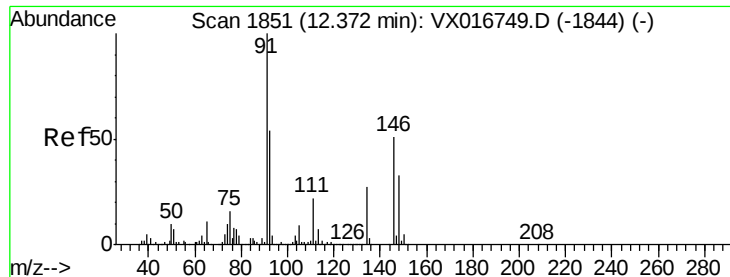


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 18.763 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016754.D

Acq: 15 Jun 2020 15:14

Instrument :

MSVOA_X

ClientSampleId :

VX0615WBS01

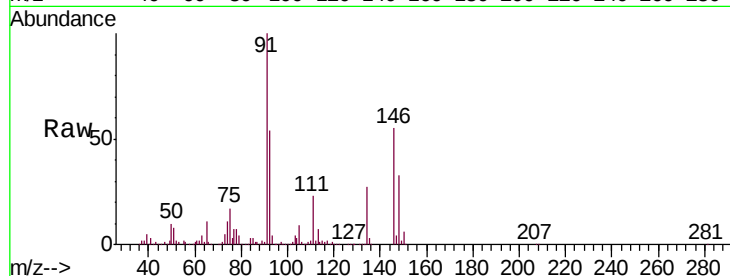
Tgt Ion: 91 Resp: 163645

Ion Ratio Lower Upper

91 100

92 54.7 27.0 80.8

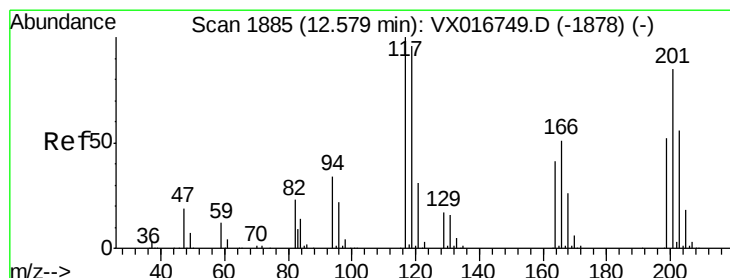
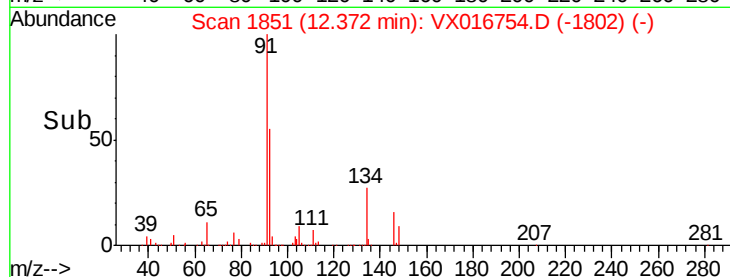
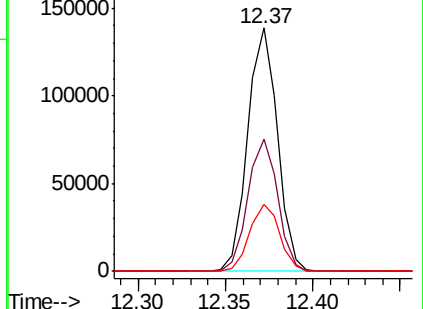
134 27.7 13.7 41.0



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: 18.012 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016754.D

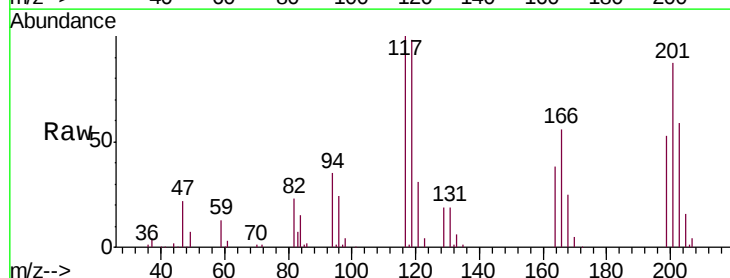
Acq: 15 Jun 2020 15:14

Tgt Ion: 117 Resp: 35093

Ion Ratio Lower Upper

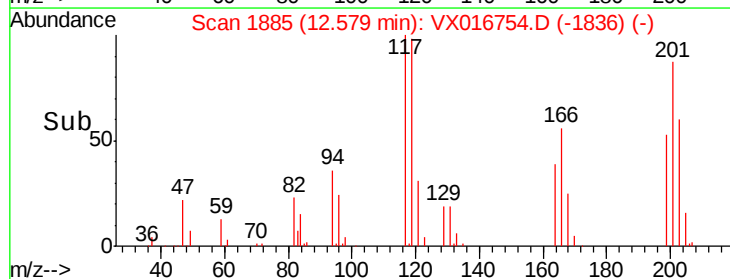
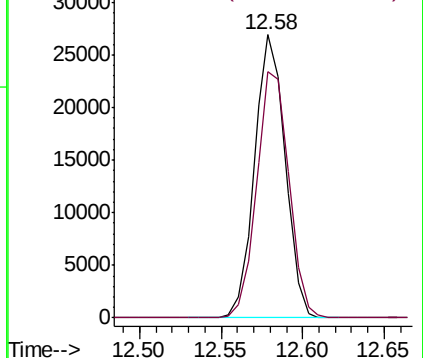
117 100

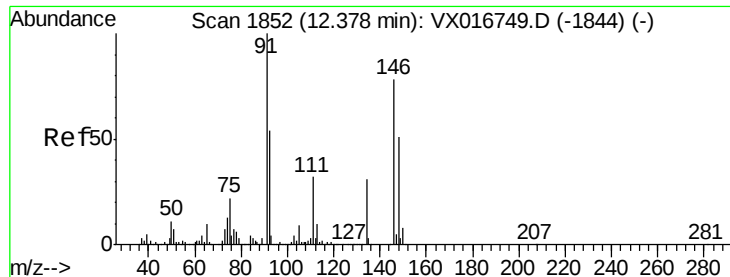
201 91.4 45.6 136.9



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

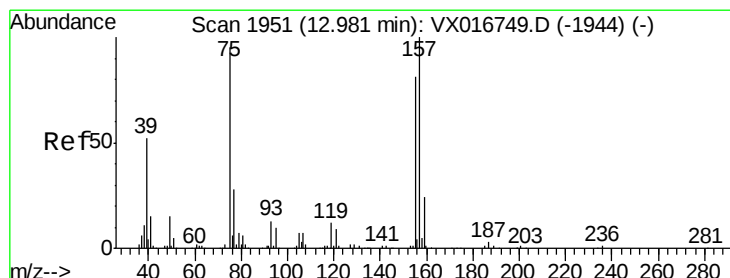
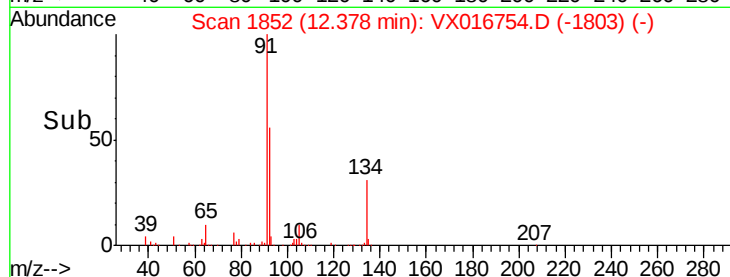
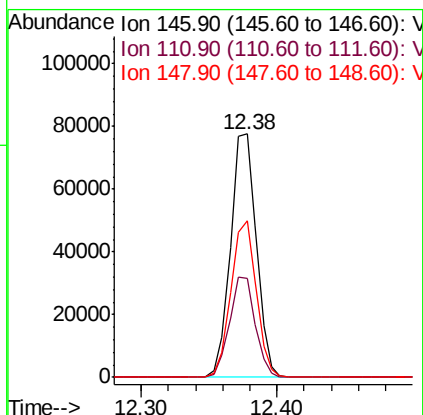
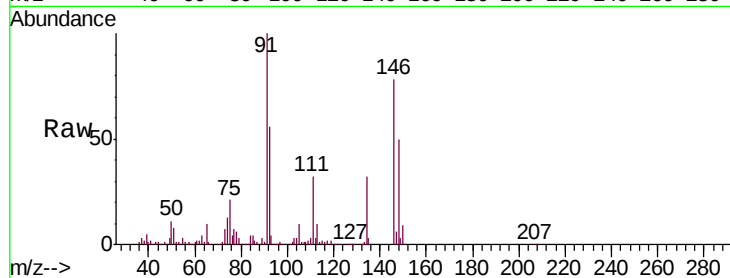




#91
 1,2-Dichlorobenzene
 Concen: 17.527 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

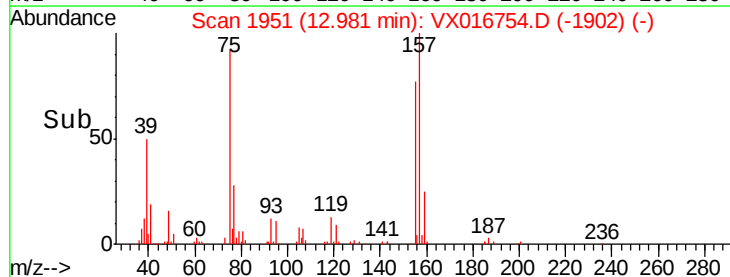
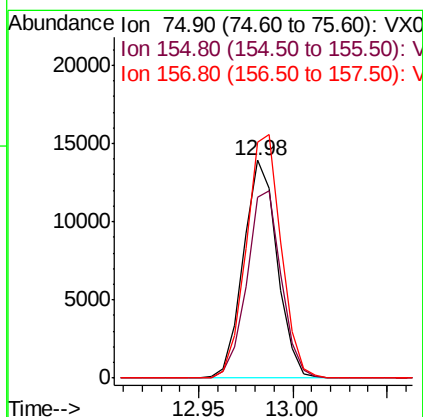
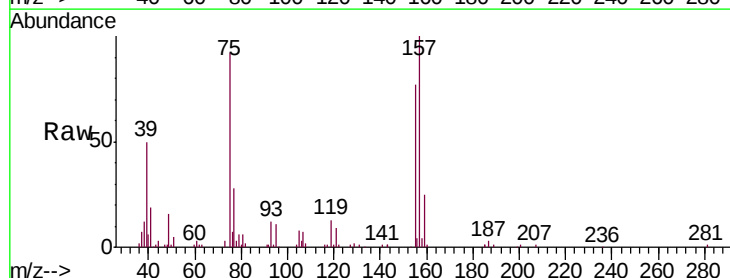
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

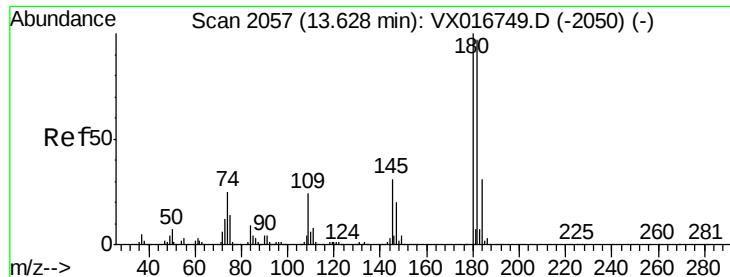
Tgt Ion: 146 Resp: 102680
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.8 62.2
 148 63.1 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.185 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

Tgt Ion: 75 Resp: 17349
 Ion Ratio Lower Upper
 75 100
 155 87.2 46.9 140.7
 157 115.0 59.6 178.7

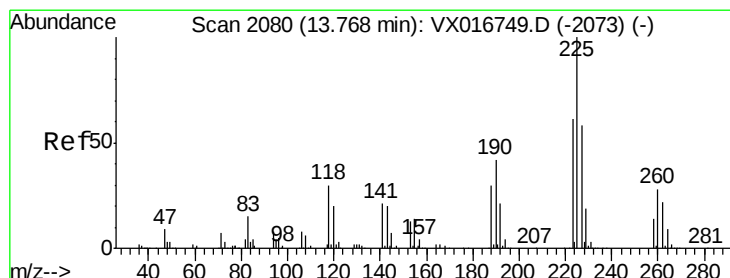
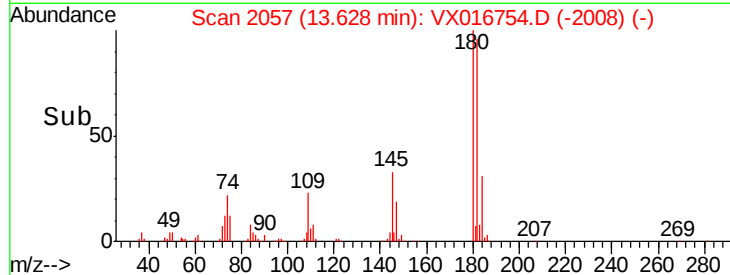
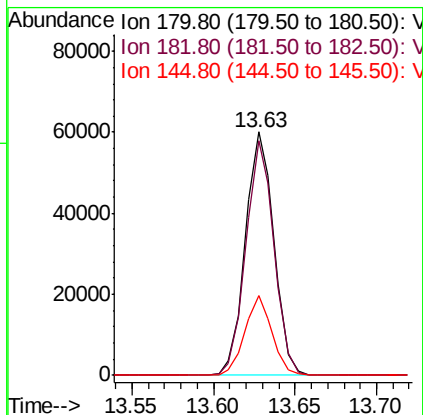
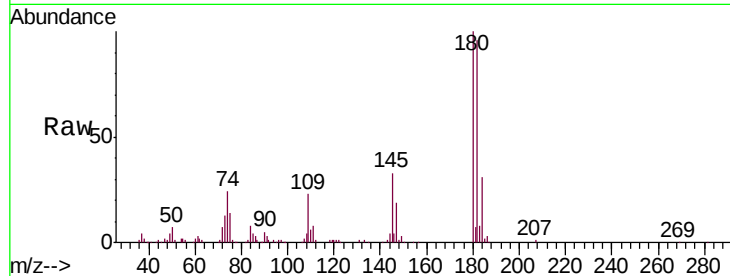




#93
 1,2,4-Trichlorobenzene
 Concen: 17.885 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

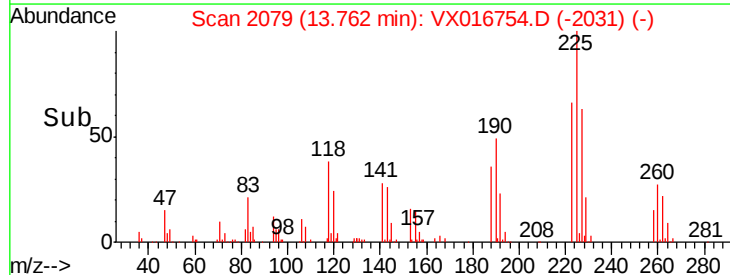
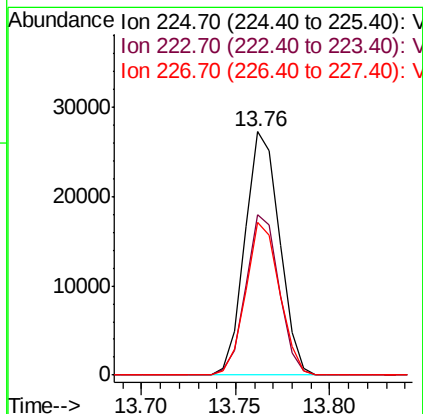
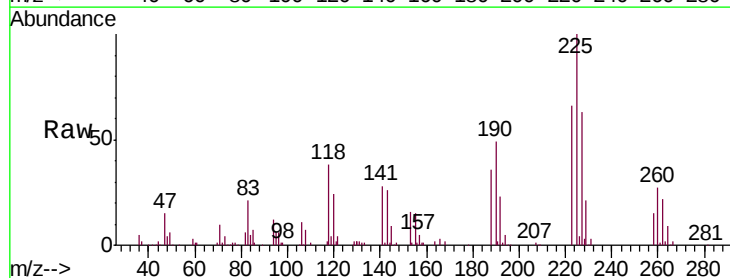
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0615WBS01

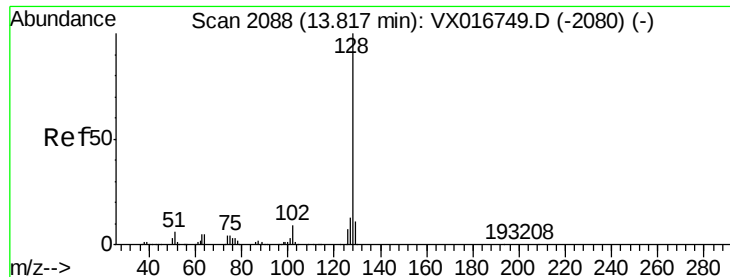
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	48.6	145.8
145	31.1	15.4	46.4



#94
 Hexachlorobutadiene
 Concen: 19.492 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016754.D
 Acq: 15 Jun 2020 15:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.4	31.1	93.5
227	61.4	30.9	92.7

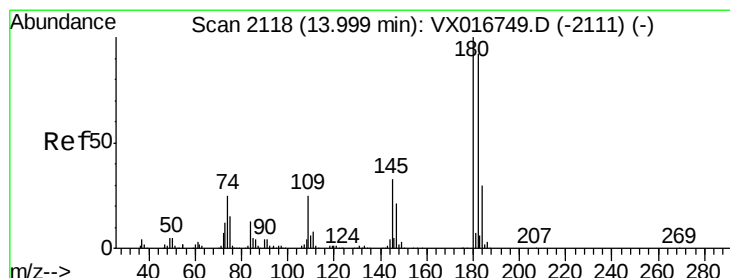
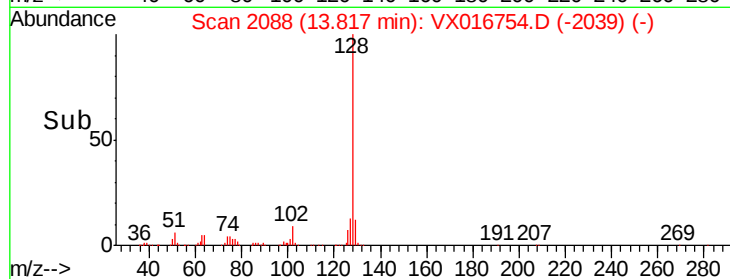
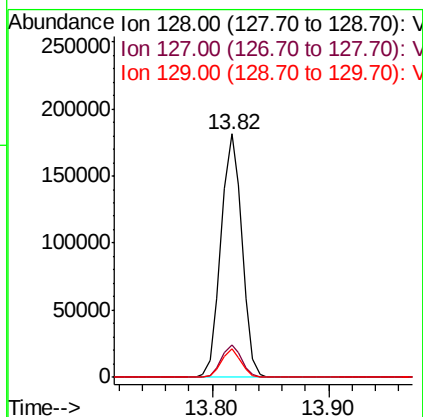
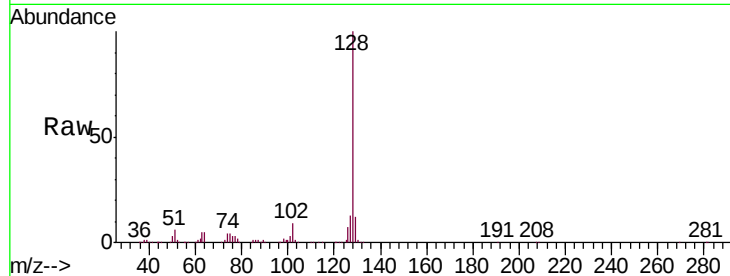




#95
Naphthalene
Concen: 17.516 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Instrument :
MSVOA_X
ClientSampleId :
VX0615WBS01

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	10.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.333 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX016754.D
Acq: 15 Jun 2020 15:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.5	47.1	141.4
145	32.0	15.9	47.7

