

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061520\
 Data File : VX016750.D
 Acq On : 15 Jun 2020 12:40
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Quant Time: Jun 15 13:06:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	259607	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	387780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	188087	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	292035	92.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.44%	
35) Dibromofluoromethane	5.46	113	241910	101.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.20%	
50) Toluene-d8	8.70	98	930505	101.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	202.40%	
62) 4-Bromofluorobenzene	11.12	95	356425	100.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.38%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	304126	117.076	ug/l	100
3) Chloromethane	1.31	50	272785	89.962	ug/l	99
4) Vinyl Chloride	1.39	62	311872	96.755	ug/l	98
5) Bromomethane	1.62	94	169026	103.842	ug/l	98
6) Chloroethane	1.70	64	189549	100.531	ug/l	97
7) Trichlorofluoromethane	1.91	101	455877	105.770	ug/l	98
8) Diethyl Ether	2.17	74	168257	95.349	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	237561	101.653	ug/l	98
10) Methyl Iodide	2.49	142	311483	122.017	ug/l	99
11) Tert butyl alcohol	3.03	59	352482	443.216	ug/l	100
12) 1,1-Dichloroethene	2.36	96	248666	100.318	ug/l	98
13) Acrolein	2.27	56	162291	474.009	ug/l	97
14) Allyl chloride	2.70	41	387240	87.336	ug/l	99
15) Acrylonitrile	3.12	53	731397	447.511	ug/l	99
16) Acetone	2.42	43	641886	469.688	ug/l	99
17) Carbon Disulfide	2.55	76	697666	95.448	ug/l	100
18) Methyl Acetate	2.75	43	350612	98.169	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	848896	96.548	ug/l	99
20) Methylene Chloride	2.83	84	261182	90.936	ug/l	92
21) trans-1,2-Dichloroethene	3.14	96	262993	96.394	ug/l	99
22) Diisopropyl ether	3.82	45	724708	85.443	ug/l	97
23) Vinyl Acetate	3.79	43	3191063	432.992	ug/l	99
24) 1,1-Dichloroethane	3.67	63	446608	91.846	ug/l	100
25) 2-Butanone	4.64	43	986373	430.863	ug/l	98
26) 2,2-Dichloropropane	4.55	77	421808	102.916	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	298010	94.886	ug/l	99
28) Bromochloromethane	4.98	49	191788	85.459	ug/l	99
29) Tetrahydrofuran	5.09	42	635809	430.550	ug/l	100
30) Chloroform	5.18	83	475838	96.307	ug/l	97
31) Cyclohexane	5.55	56	386794	89.346	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	452672	100.558	ug/l	100
36) 1,1-Dichloropropene	5.77	75	358647	98.774	ug/l	99
37) Ethyl Acetate	4.79	43	375297	88.103	ug/l	99
38) Carbon Tetrachloride	5.76	117	413290	106.847	ug/l	96

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 VSTDICC100

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 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	416668	105.197	ug/l	99
40) Benzene	6.12	78	1050183	97.341	ug/l	100
41) Methacrylonitrile	5.01	41	207962	88.862	ug/l	98
42) 1,2-Dichloroethane	6.17	62	380937	99.162	ug/l	99
43) Isopropyl Acetate	6.42	43	607164	91.137	ug/l	100
44) Trichloroethene	7.19	130	327857	95.650	ug/l	99
45) 1,2-Dichloropropane	7.49	63	262261	95.981	ug/l	99
46) Dibromomethane	7.64	93	189002	101.945	ug/l	99
47) Bromodichloromethane	7.88	83	394671	102.716	ug/l	99
48) Methyl methacrylate	7.75	41	295323	92.770	ug/l	99
49) 1,4-Dioxane	7.71	88	142799	1899.776	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1883085	455.071	ug/l	99
52) Toluene	8.77	92	699216	102.288	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	461430	105.609	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	475021	103.103	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	279593	102.626	ug/l	97
56) Ethyl methacrylate	9.16	69	450367	102.861	ug/l	99
57) 1,3-Dichloropropane	9.35	76	459731	99.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1117070	489.212	ug/l	100
59) 2-Hexanone	9.48	43	1472190	458.074	ug/l	100
60) Dibromochloromethane	9.57	129	341336	110.413	ug/l	100
61) 1,2-Dibromoethane	9.65	107	305868	104.437	ug/l	98
64) Tetrachloroethene	9.32	164	345113	86.506	ug/l	96
65) Chlorobenzene	10.12	112	748986	101.165	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	302675	106.044	ug/l	98
67) Ethyl Benzene	10.24	91	1329018	101.430	ug/l	100
68) m/p-Xylenes	10.34	106	1017902	208.414	ug/l	100
69) o-Xylene	10.68	106	494078	104.374	ug/l	99
70) Styrene	10.70	104	877661	108.128	ug/l	99
71) Bromoform	10.84	173	271627	113.112	ug/l #	97
73) Isopropylbenzene	11.00	105	1323186	102.605	ug/l	100
74) N-amyl acetate	10.88	43	525509	91.166	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	371118	113.518	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	524067	129.126	ug/l	86
77) Bromobenzene	11.24	156	350703	102.936	ug/l	100
78) n-propylbenzene	11.35	91	1467620	102.311	ug/l	100
79) 2-Chlorotoluene	11.40	91	884162	100.860	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1116997	103.800	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	164138	99.699	ug/l	98
82) 4-Chlorotoluene	11.49	91	1055927	102.292	ug/l	100
83) tert-Butylbenzene	11.76	119	1033565	111.271	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	1140325	104.821	ug/l	100
85) sec-Butylbenzene	11.93	105	1219931	105.352	ug/l	99
86) p-Isopropyltoluene	12.05	119	1190311	109.487	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	598524	101.676	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	613068	101.827	ug/l	99
89) n-Butylbenzene	12.37	91	979238	108.560	ug/l	98
90) Hexachloroethane	12.58	117	210479	111.711	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	592934	103.752	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106868	102.587	ug/l	100

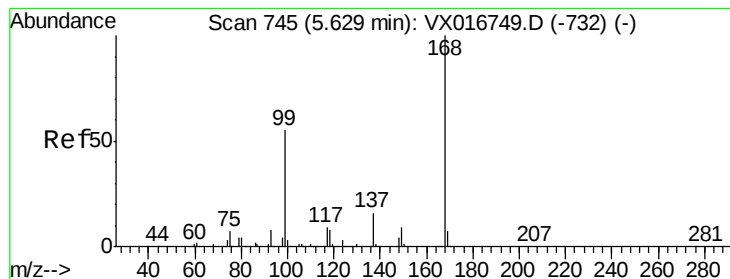
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061520\
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Acq On : 15 Jun 2020 12:40
Operator : JC/SP
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Quant Title : SW846 8260
QLast Update : Mon Jun 15 12:43:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	435715	114.362	ug/l	98
94) Hexachlorobutadiene	13.76	225	187914	121.277	ug/l	97
95) Naphthalene	13.82	128	1421616	109.660	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	431408	114.624	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

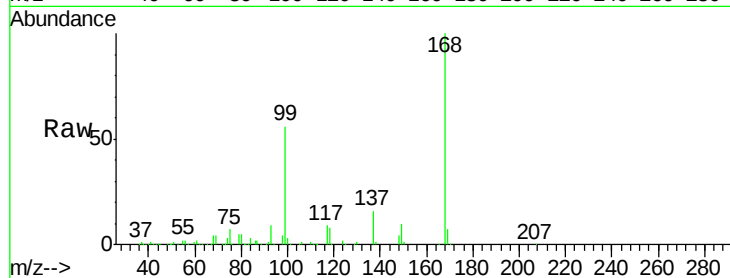
VSTDICC100

Tgt Ion:168 Resp: 259607

Ion Ratio Lower Upper

168 100

99 56.1 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

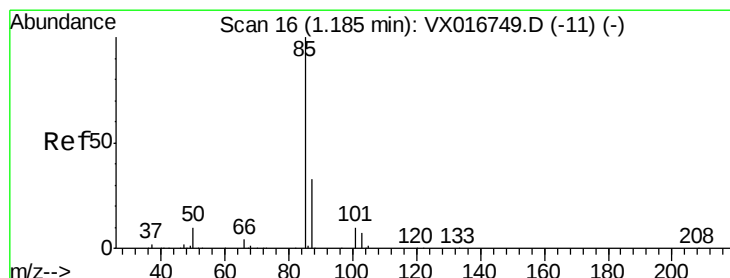
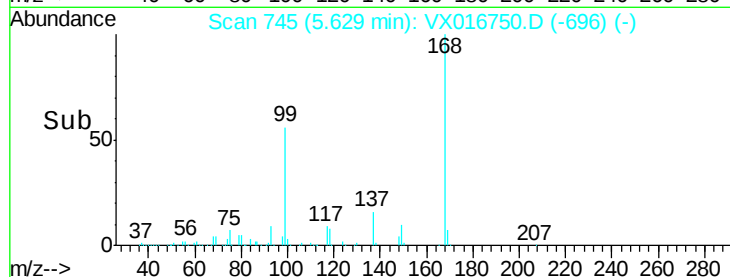
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 117.076 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.00 min

Lab File: VX016750.D

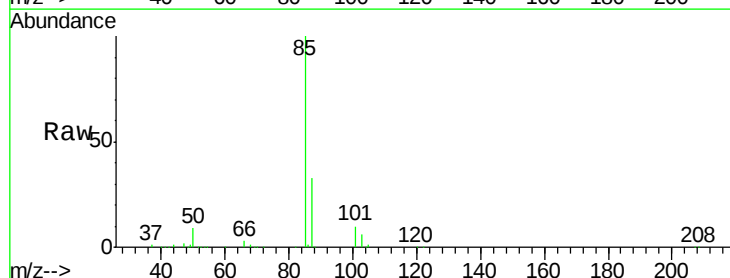
Acq: 15 Jun 2020 12:40

Tgt Ion: 85 Resp: 304126

Ion Ratio Lower Upper

85 100

87 33.0 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

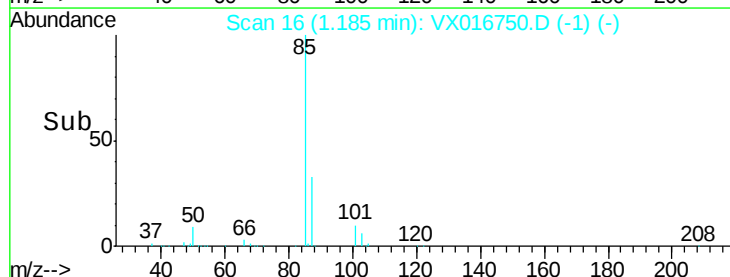
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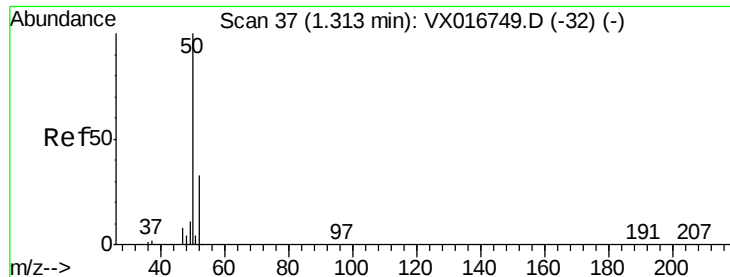
200000

100000

0

Time-->





#3

Chloromethane

Concen: 89.962 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

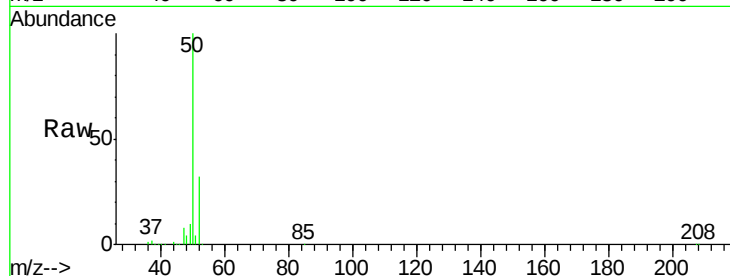
VSTDIC100

Tgt Ion: 50 Resp: 272785

Ion Ratio Lower Upper

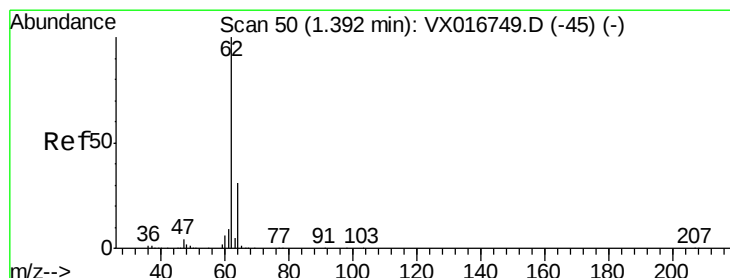
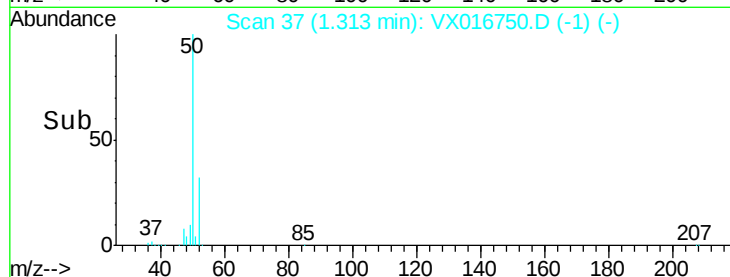
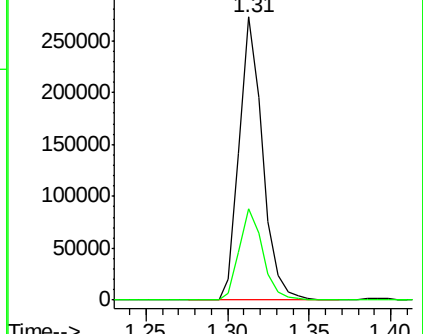
50 100

52 32.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 96.755 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016750.D

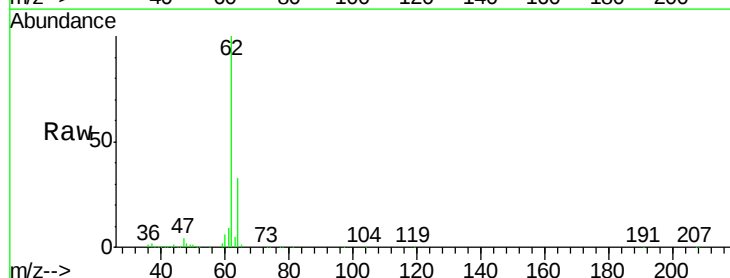
Acq: 15 Jun 2020 12:40

Tgt Ion: 62 Resp: 311872

Ion Ratio Lower Upper

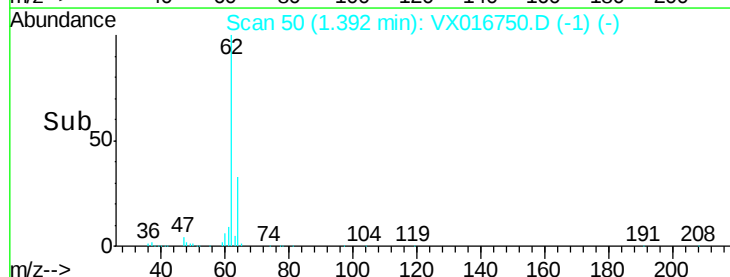
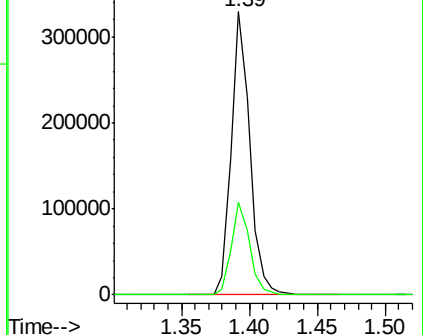
62 100

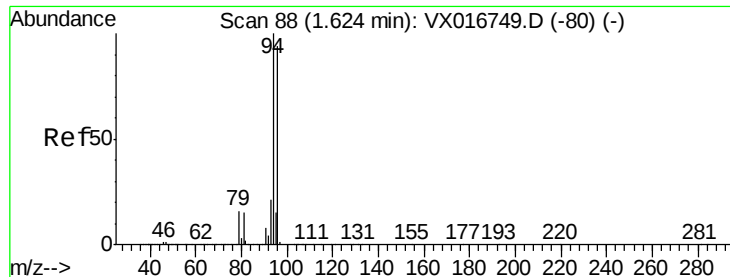
64 32.6 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 103.842 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

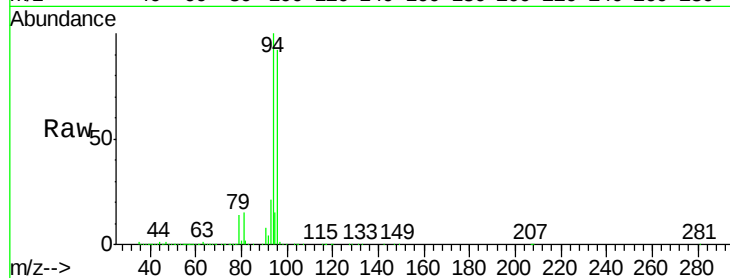
VSTDICC100

Tgt Ion: 94 Resp: 169026

Ion Ratio Lower Upper

94 100

96 92.3 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

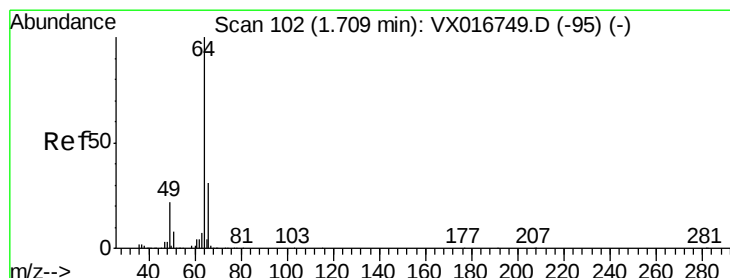
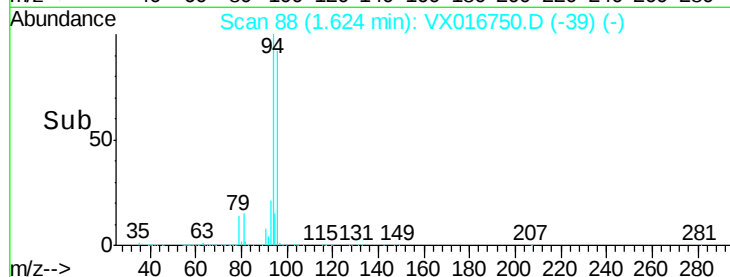
150000

100000

50000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 100.531 ug/l

RT: 1.70 min Scan# 100

Delta R.T. -0.01 min

Lab File: VX016750.D

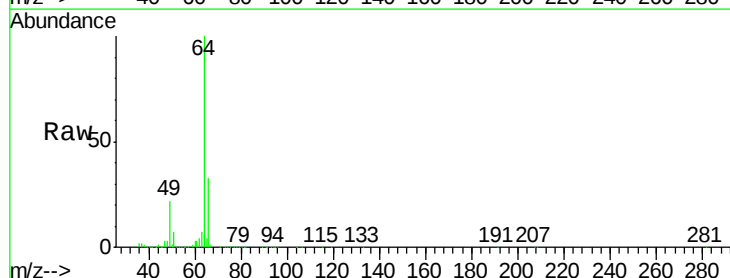
Acq: 15 Jun 2020 12:40

Tgt Ion: 64 Resp: 189549

Ion Ratio Lower Upper

64 100

66 32.8 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

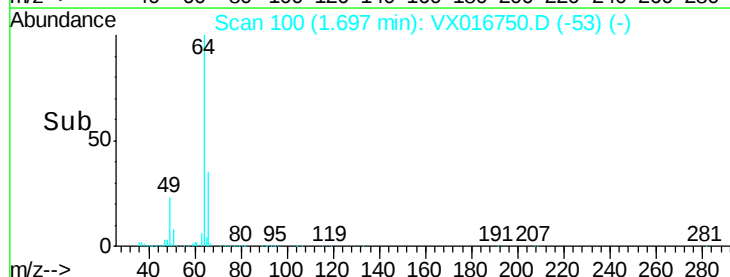
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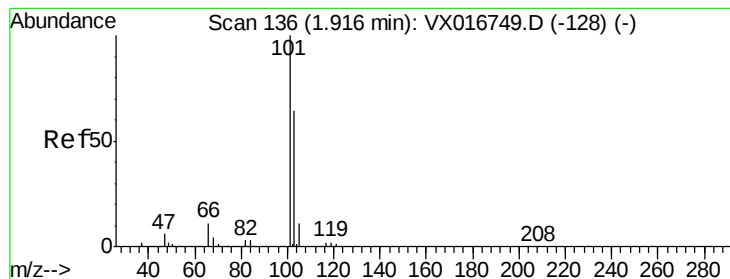
100000

50000

0

Time--> 1.60 1.70 1.80



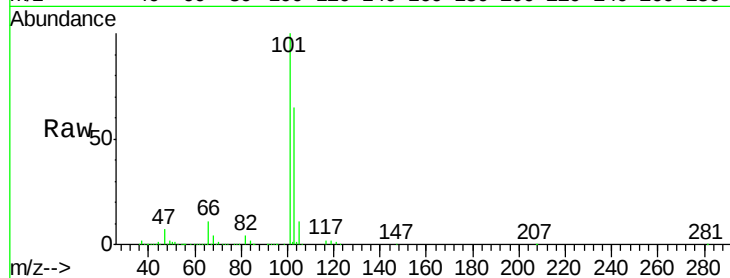


#7

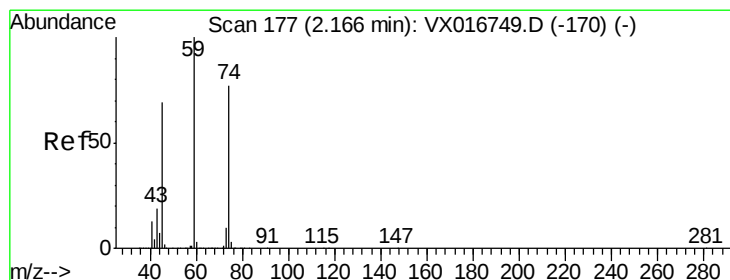
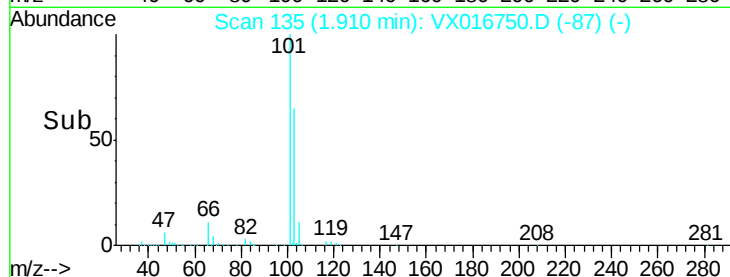
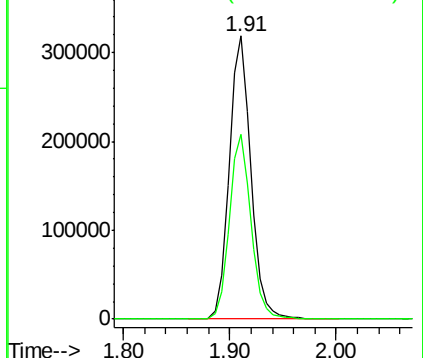
Trichlorofluoromethane
Concen: 105.770 ug/l
RT: 1.91 min Scan# 135
Delta R.T. -0.01 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tgt Ion: 101 Resp: 455877
Ion Ratio Lower Upper
101 100
103 65.3 51.3 76.9



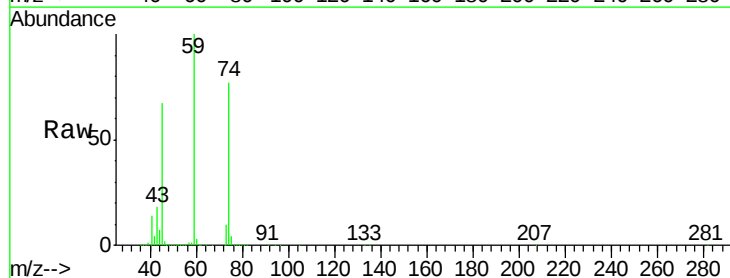
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



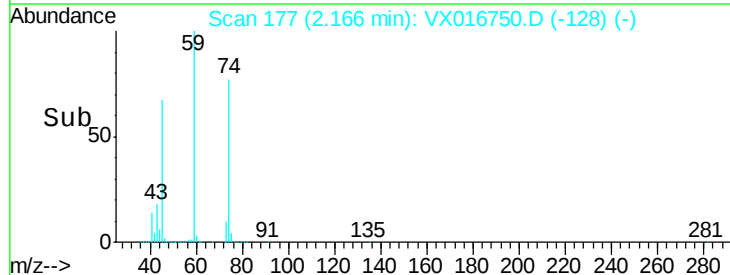
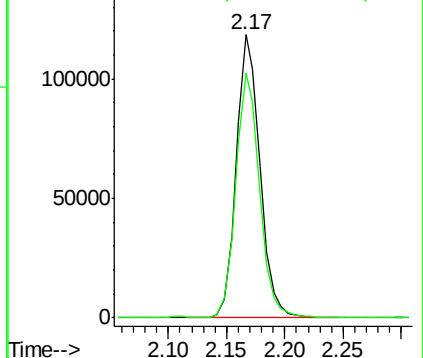
#8

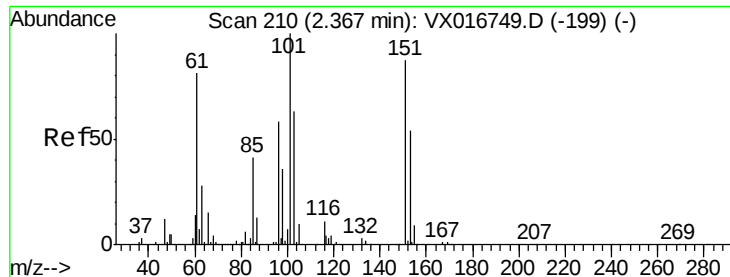
Diethyl Ether
Concen: 95.349 ug/l
RT: 2.17 min Scan# 177
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion: 74 Resp: 168257
Ion Ratio Lower Upper
74 100
45 86.5 43.5 130.7



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 101.653 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.01 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

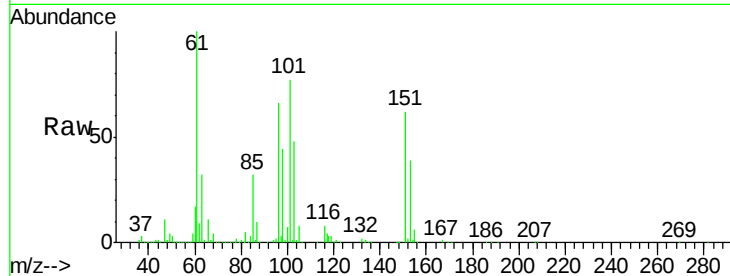
Tgt Ion:101 Resp: 237561

Ion Ratio Lower Upper

101 100

85 42.9 34.0 51.0

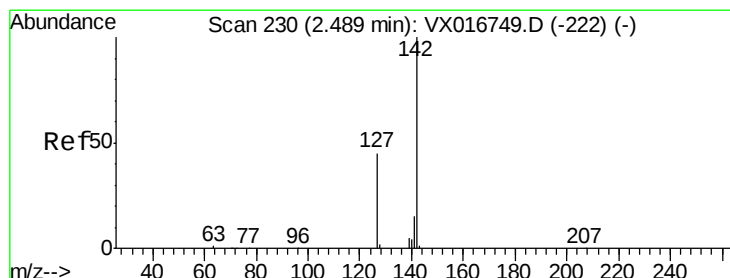
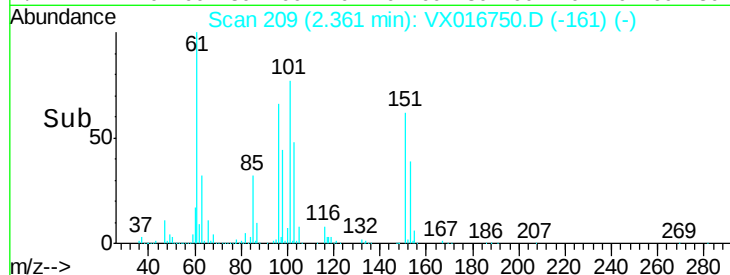
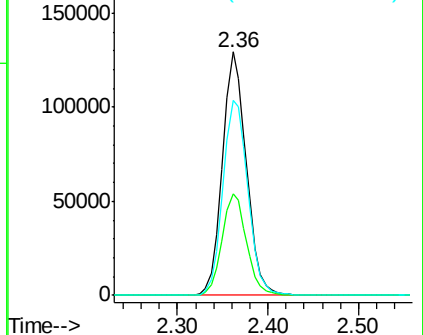
151 84.0 68.7 103.1



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: 122.017 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

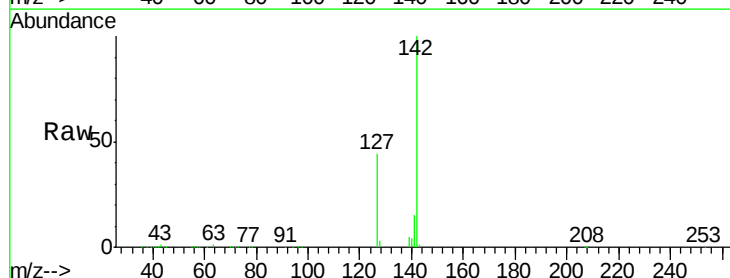
Tgt Ion:142 Resp: 311483

Ion Ratio Lower Upper

142 100

127 44.7 35.4 53.2

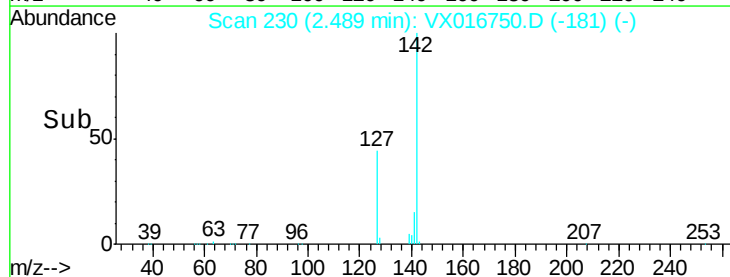
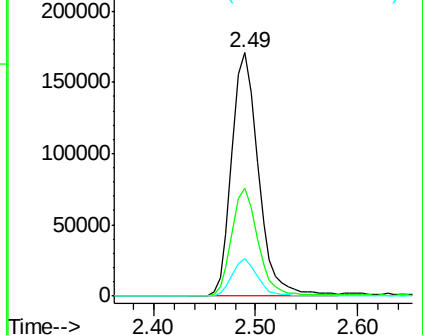
141 14.7 11.7 17.5

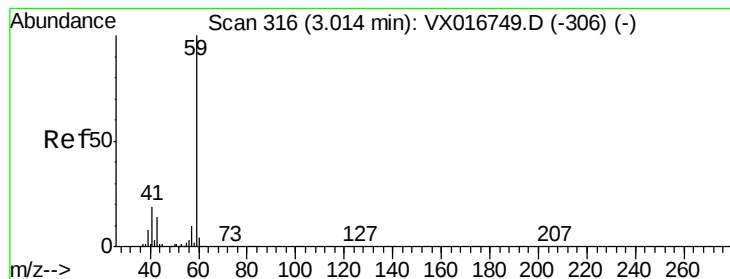


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



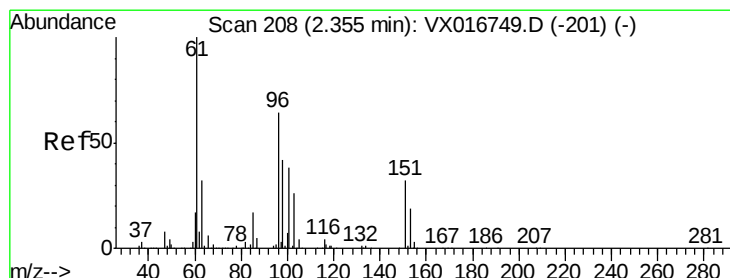
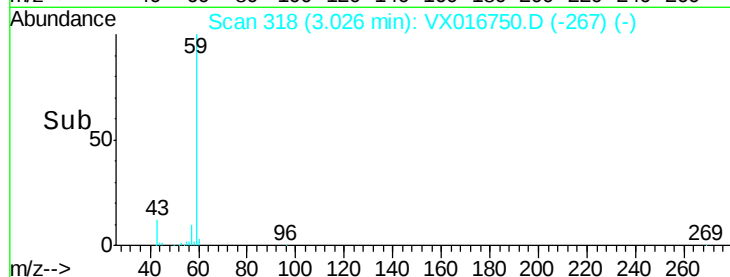
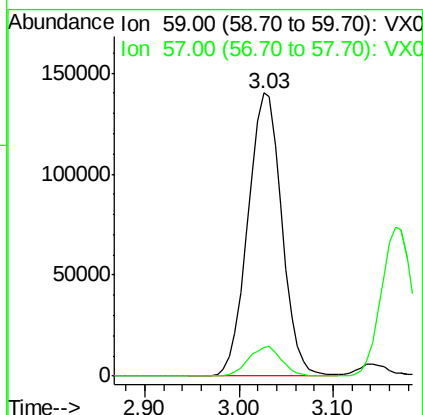
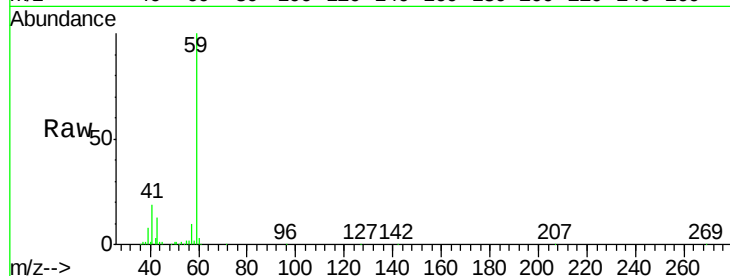


#11

Tert butyl alcohol
 Concen: 443.216 ug/l
 RT: 3.03 min Scan# 318
 Delta R.T. 0.01 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

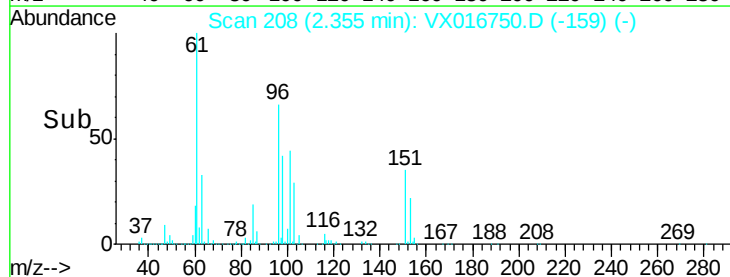
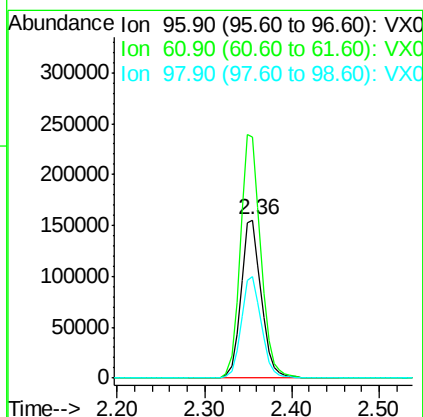
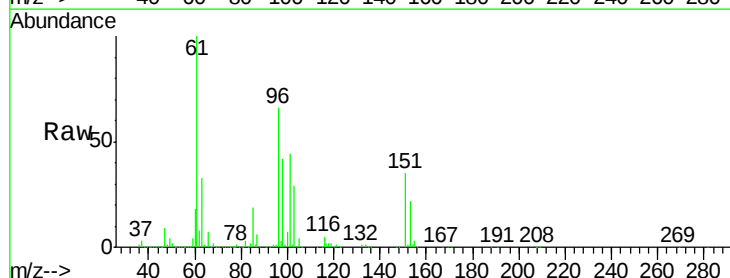
Tgt Ion: 59 Resp: 352482
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.2

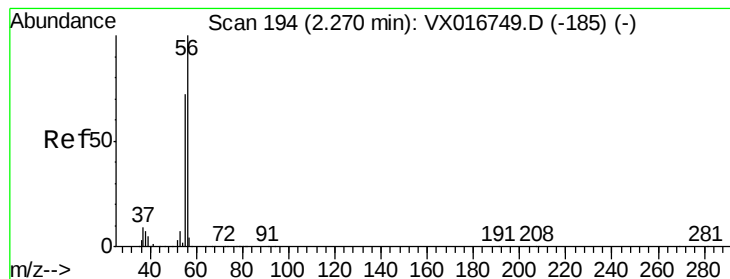


#12

1,1-Dichloroethene
 Concen: 100.318 ug/l
 RT: 2.36 min Scan# 208
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion: 96 Resp: 248666
 Ion Ratio Lower Upper
 96 100
 61 152.3 124.1 186.1
 98 64.1 52.7 79.1





#13

Acrolein

Concen: 474.009 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

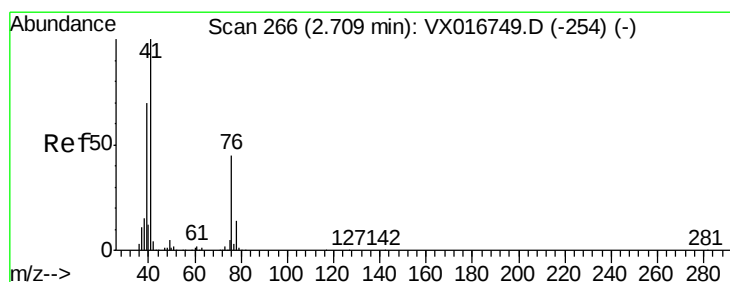
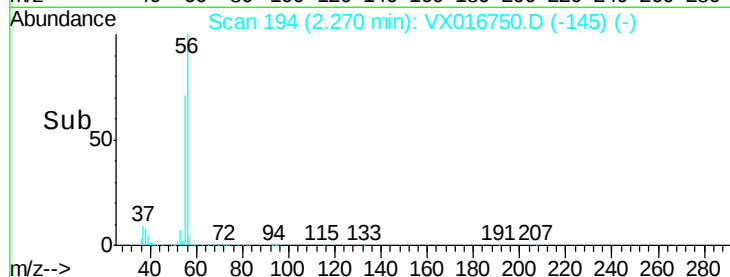
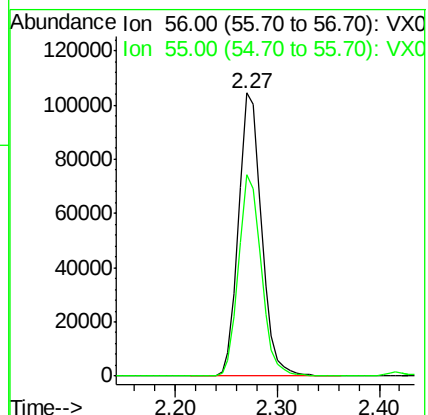
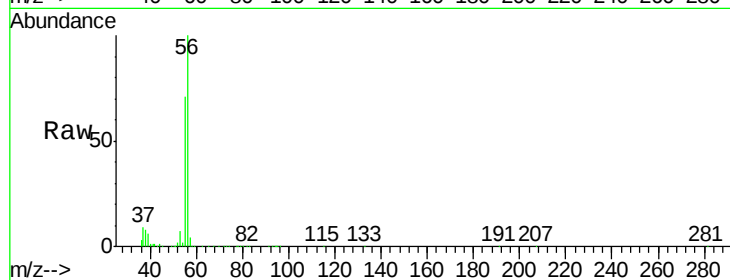
VSTDIC100

Tgt Ion: 56 Resp: 162291

Ion Ratio Lower Upper

56 100

55 70.4 58.2 87.4



#14

Allyl chloride

Concen: 87.336 ug/l

RT: 2.70 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

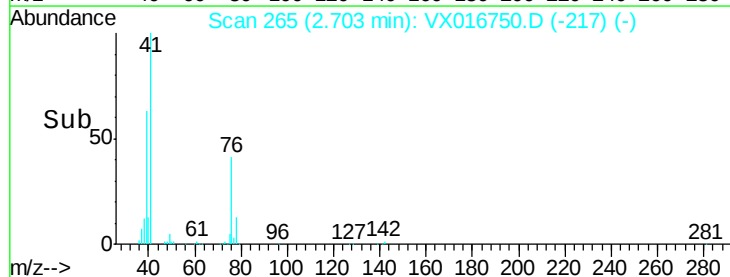
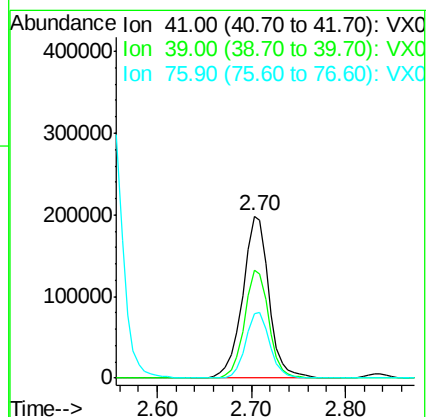
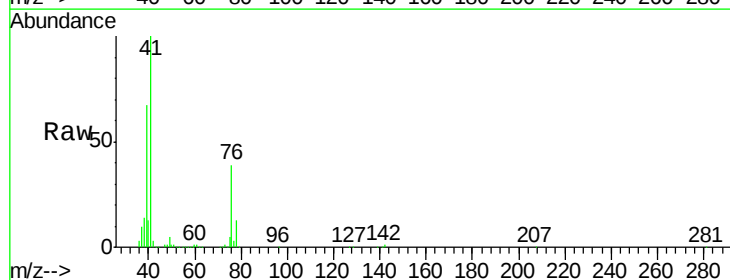
Tgt Ion: 41 Resp: 387240

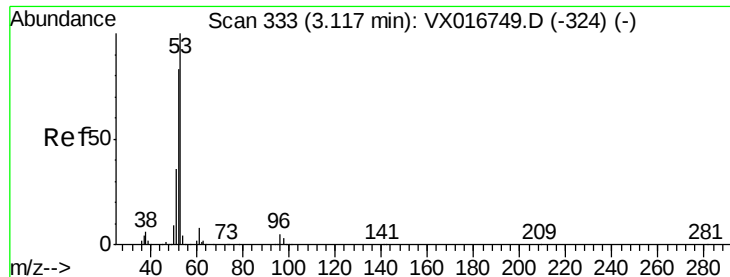
Ion Ratio Lower Upper

41 100

39 62.2 50.2 75.4

76 37.0 30.4 45.6





#15

Acrylonitrile

Concen: 447.511 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

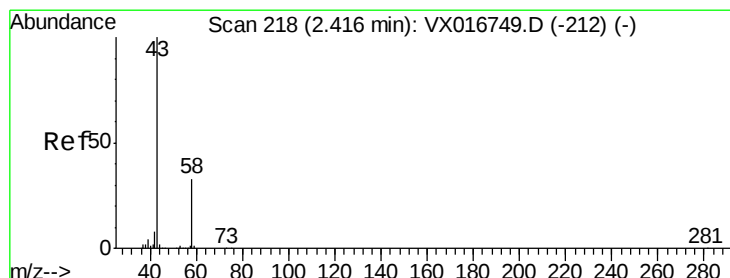
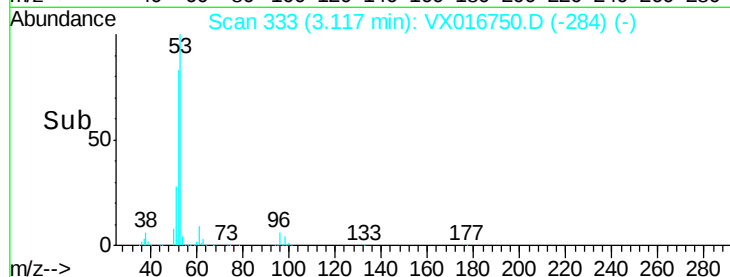
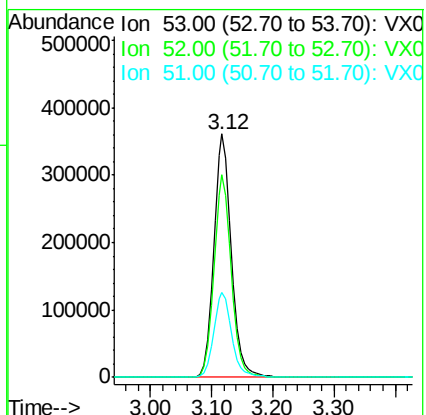
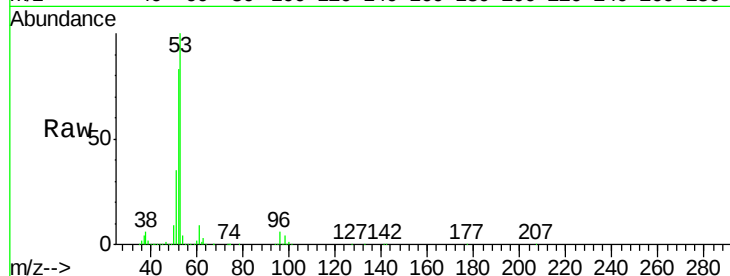
Tgt Ion: 53 Resp: 731397

Ion Ratio Lower Upper

53 100

52 82.6 65.5 98.3

51 35.7 28.6 42.8



#16

Acetone

Concen: 469.688 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX016750.D

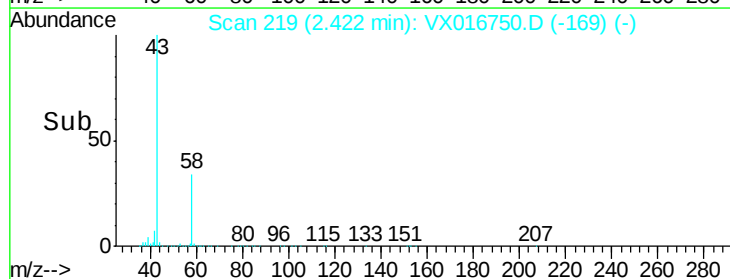
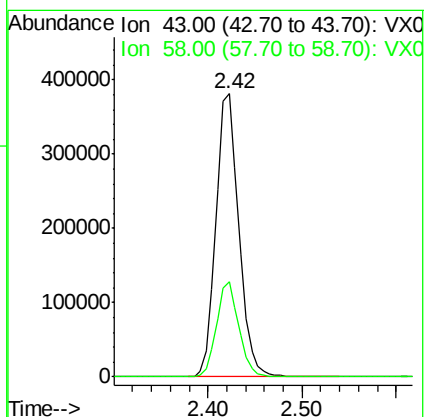
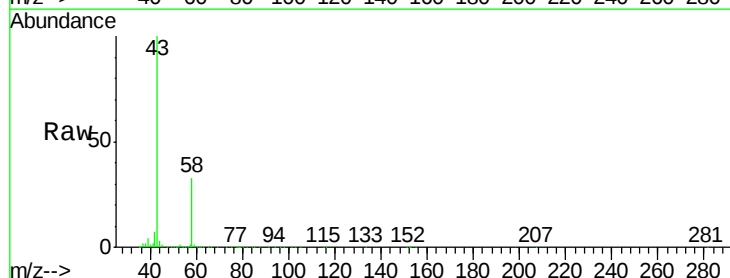
Acq: 15 Jun 2020 12:40

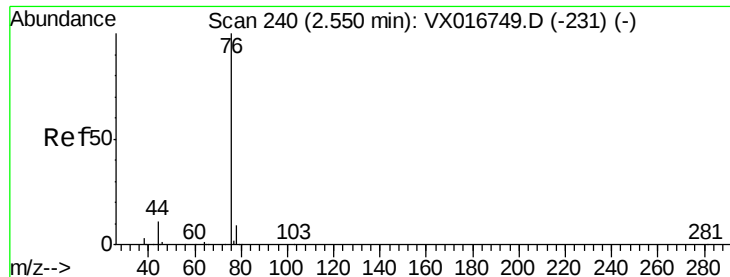
Tgt Ion: 43 Resp: 641886

Ion Ratio Lower Upper

43 100

58 33.5 26.3 39.5

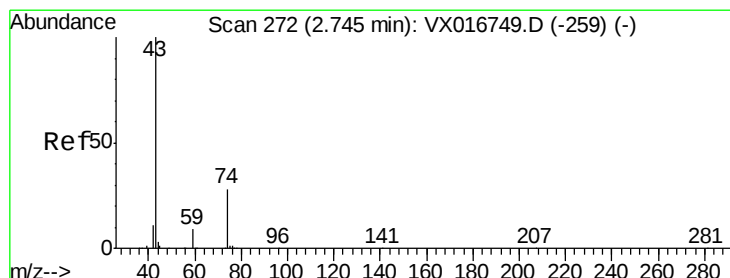
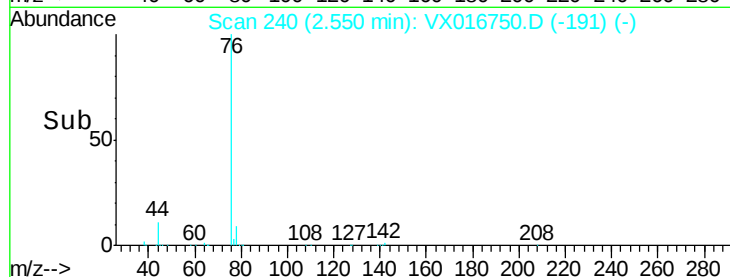
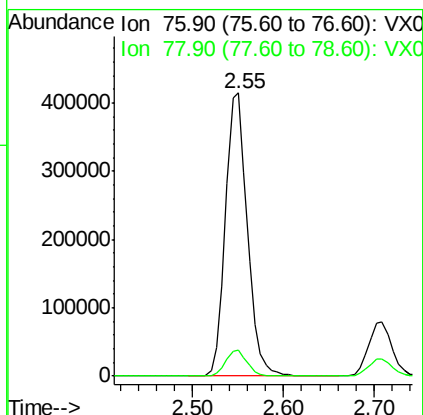
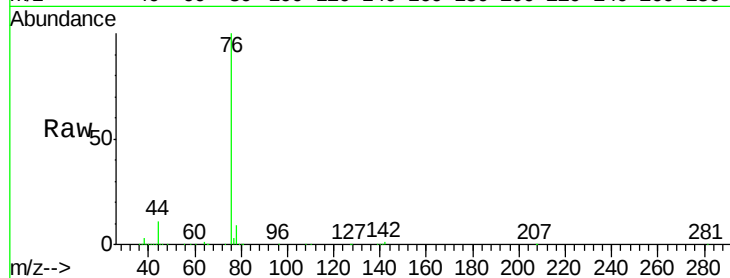




#17
Carbon Disulfide
Concen: 95.448 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

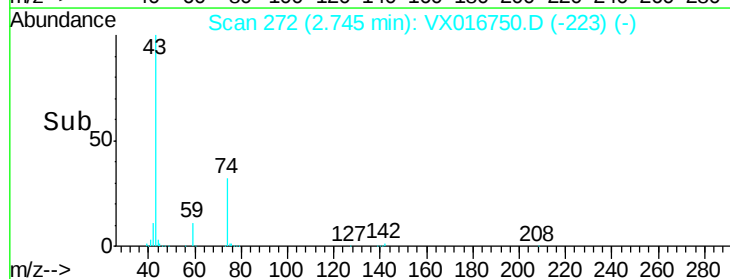
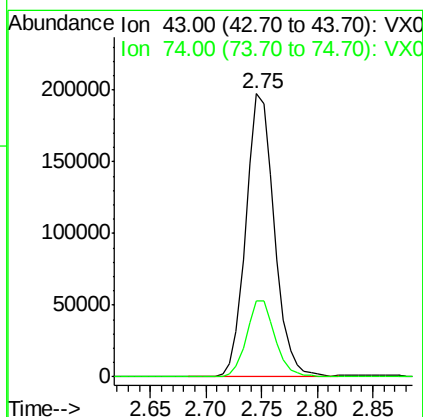
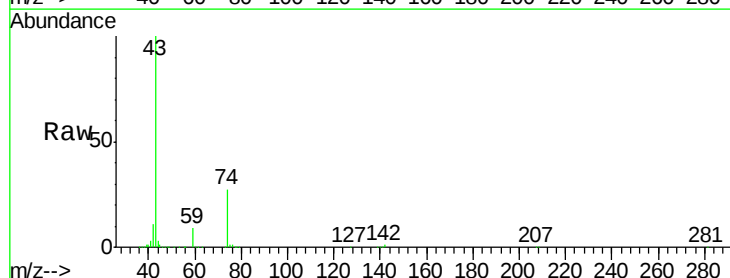
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

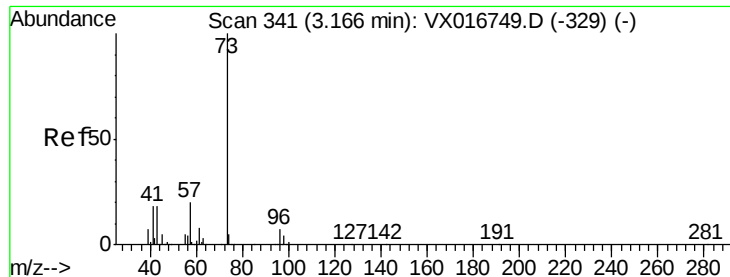
Tgt Ion: 76 Resp: 697666
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 98.169 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion: 43 Resp: 350612
Ion Ratio Lower Upper
43 100
74 27.4 22.4 33.6



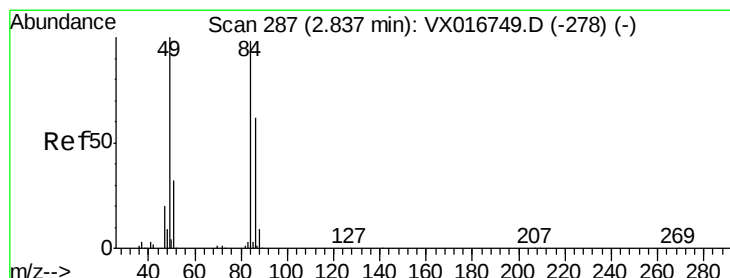
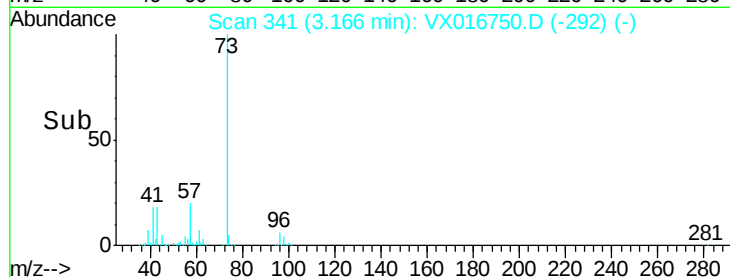
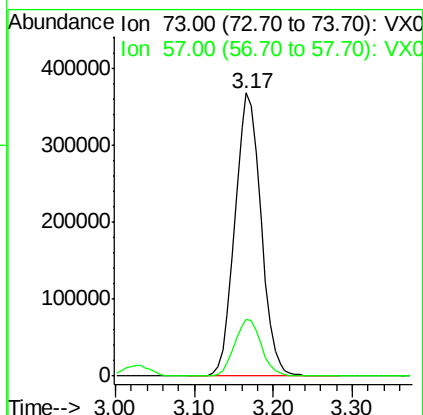
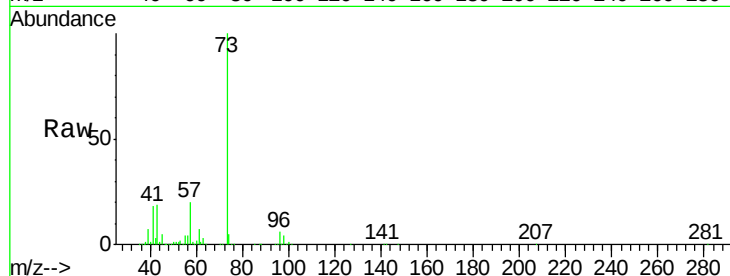


#19

Methyl tert-butyl Ether
Concen: 96.548 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

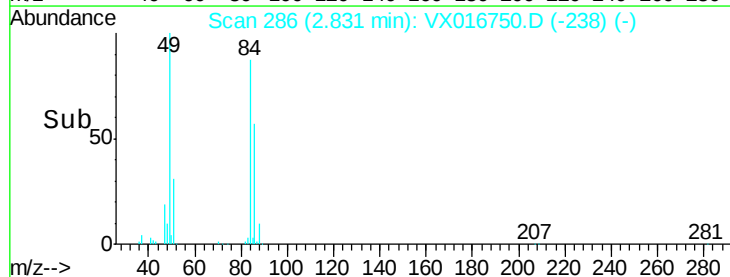
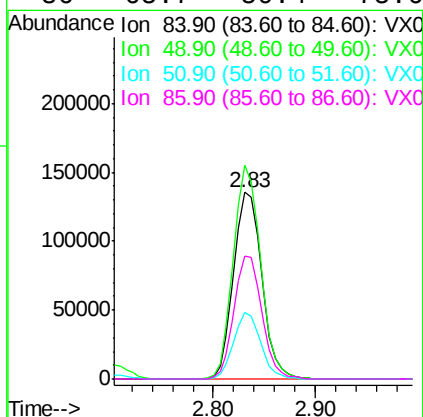
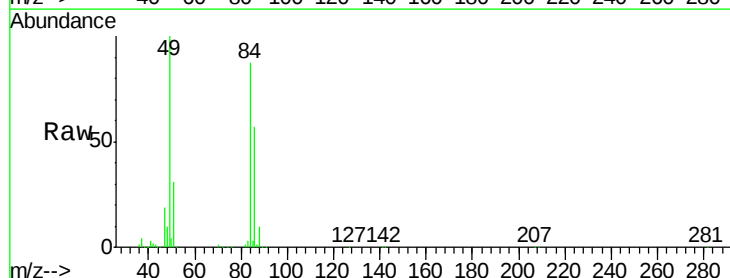
Tgt Ion: 73 Resp: 848896
Ion Ratio Lower Upper
73 100
57 20.0 16.2 24.4

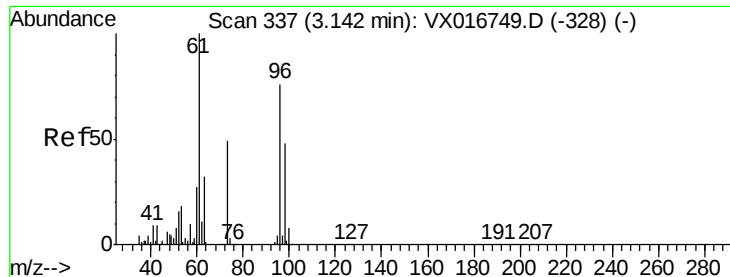


#20

Methylene Chloride
Concen: 90.936 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.01 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion: 84 Resp: 261182
Ion Ratio Lower Upper
84 100
49 114.6 81.8 122.8
51 35.4 25.8 38.8
86 65.7 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 96.394 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

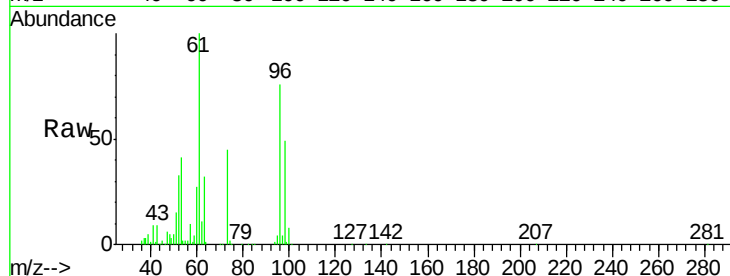
Tgt Ion: 96 Resp: 262993

Ion Ratio Lower Upper

96 100

61 131.0 105.4 158.2

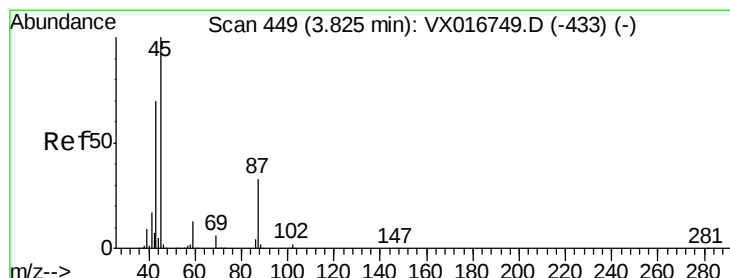
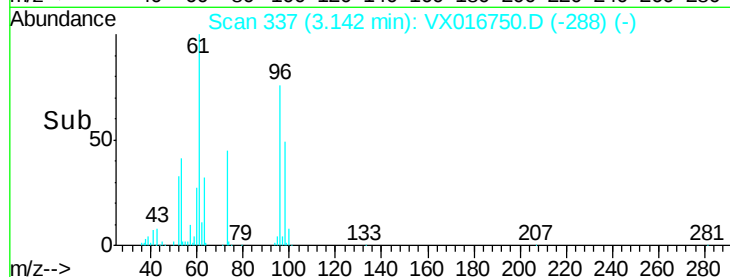
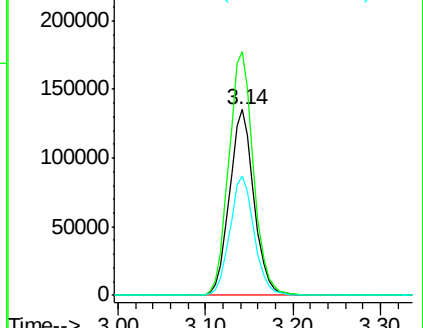
98 64.2 50.8 76.2



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: 85.443 ug/l

RT: 3.82 min Scan# 449

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Tgt Ion: 45 Resp: 724708

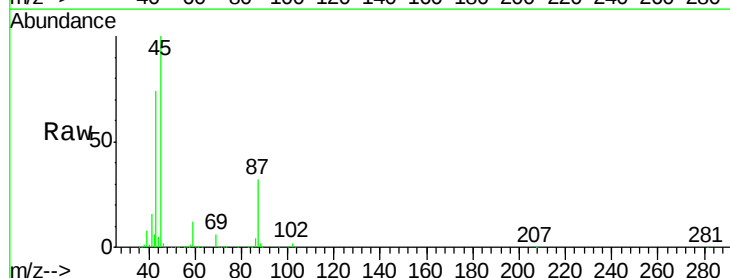
Ion Ratio Lower Upper

45 100

43 73.7 56.2 84.4

87 32.0 26.2 39.4

59 12.4 10.3 15.5

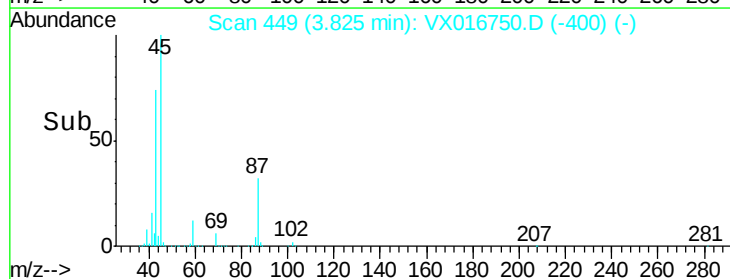
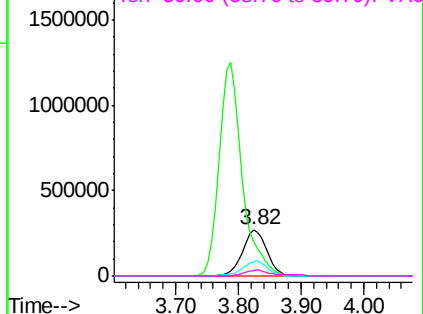


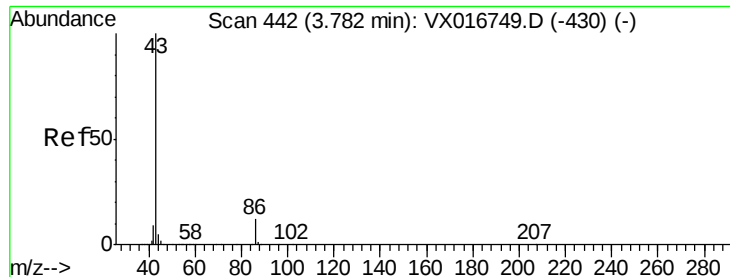
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

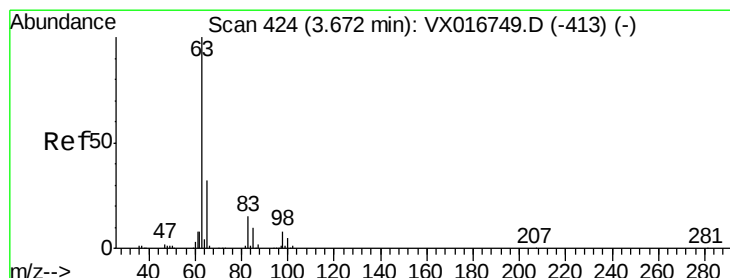
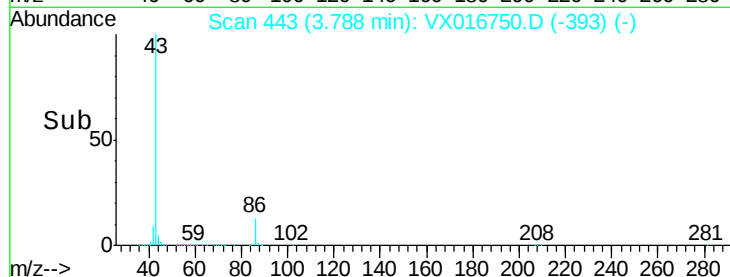
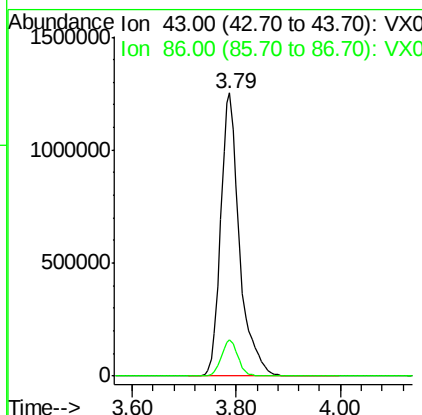
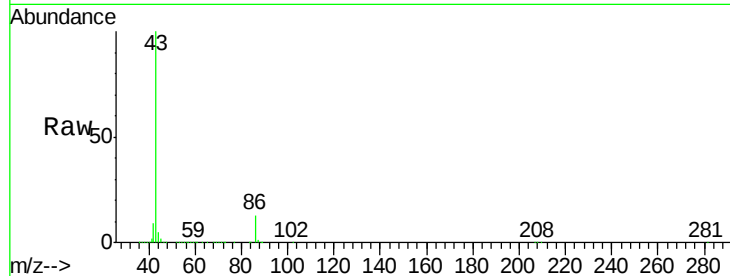




#23
 Vinyl Acetate
 Concen: 432.992 ug/l
 RT: 3.79 min Scan# 443
 Delta R.T. 0.01 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

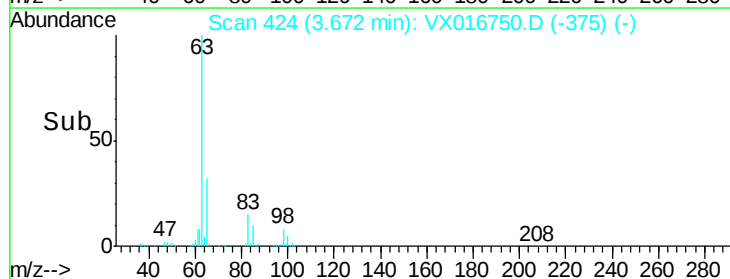
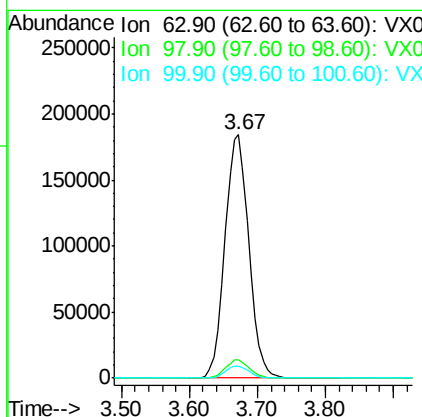
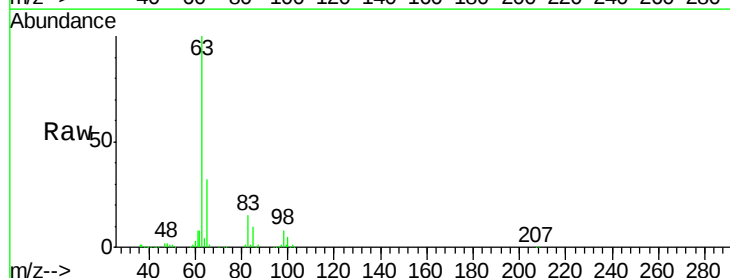
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

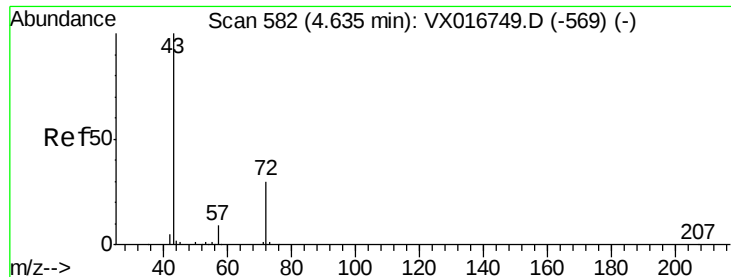
Tgt Ion: 43 Resp: 3191063
 Ion Ratio Lower Upper
 43 100
 86 12.6 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 91.846 ug/l
 RT: 3.67 min Scan# 424
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion: 63 Resp: 446608
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.9 2.3 6.9





#25

2-Butanone

Concen: 430.863 ug/l

RT: 4.64 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

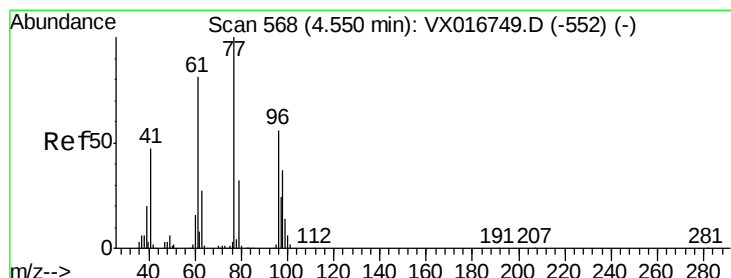
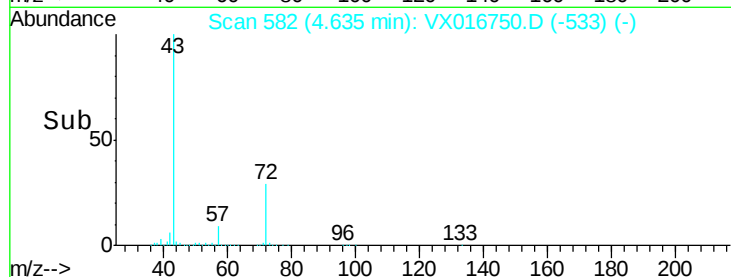
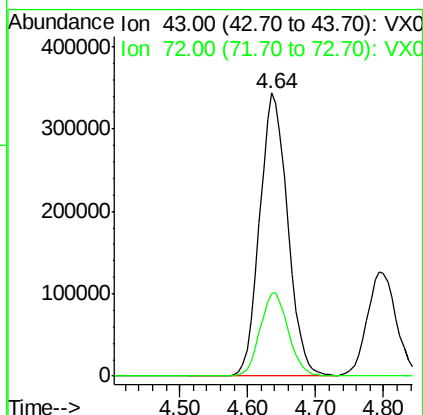
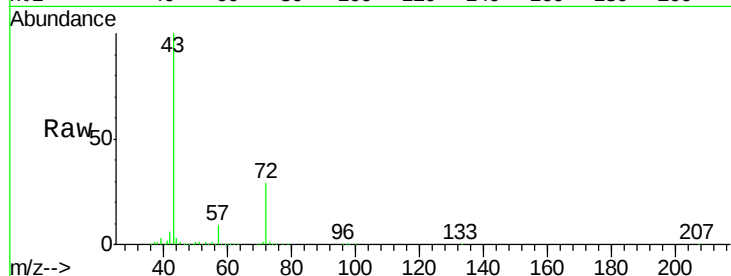
VSTDIC100

Tgt Ion: 43 Resp: 986373

Ion Ratio Lower Upper

43 100

72 29.2 24.2 36.4



#26

2,2-Dichloropropane

Concen: 102.916 ug/l

RT: 4.55 min Scan# 568

Delta R.T. 0.00 min

Lab File: VX016750.D

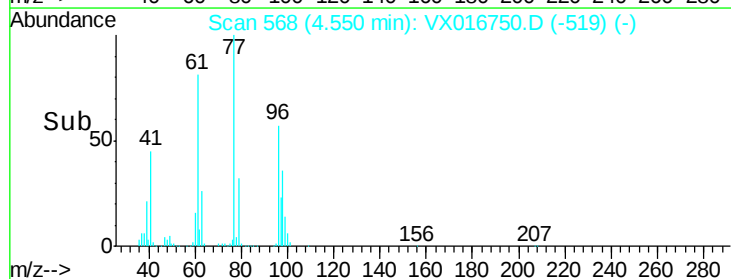
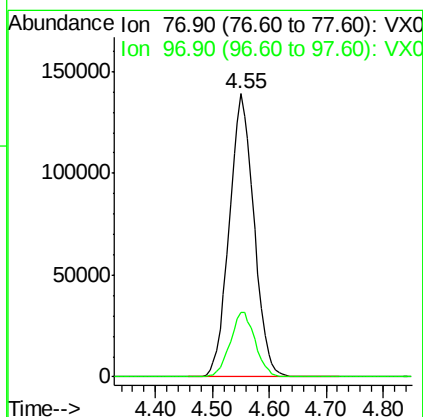
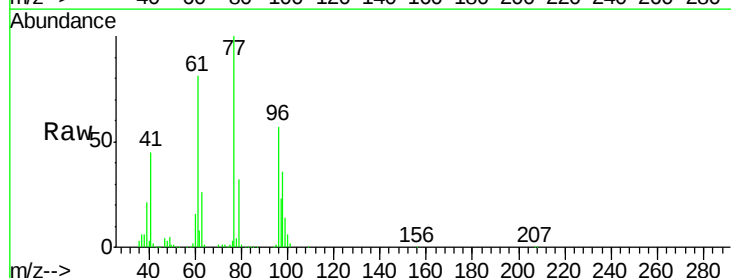
Acq: 15 Jun 2020 12:40

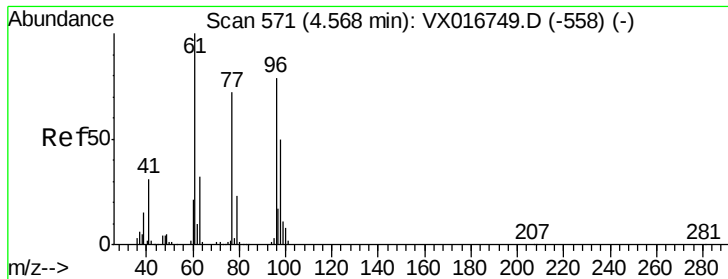
Tgt Ion: 77 Resp: 421808

Ion Ratio Lower Upper

77 100

97 23.1 11.5 34.4



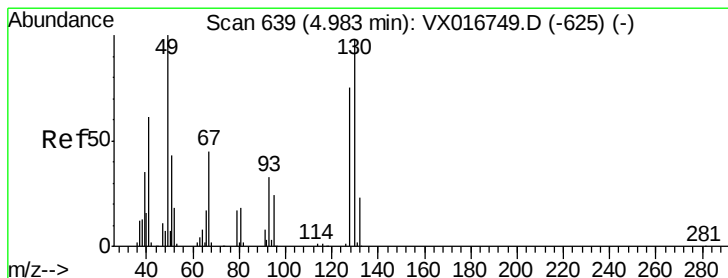
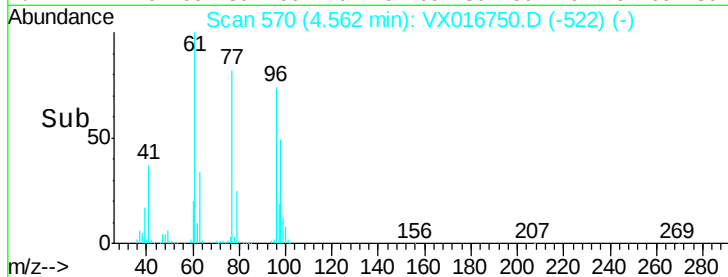
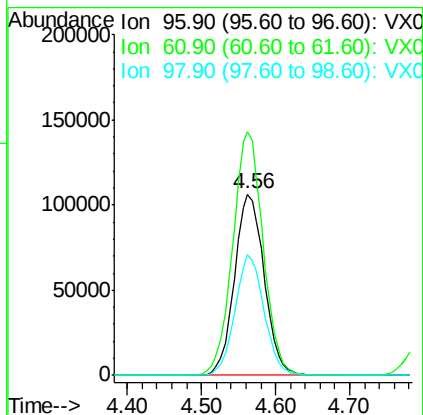
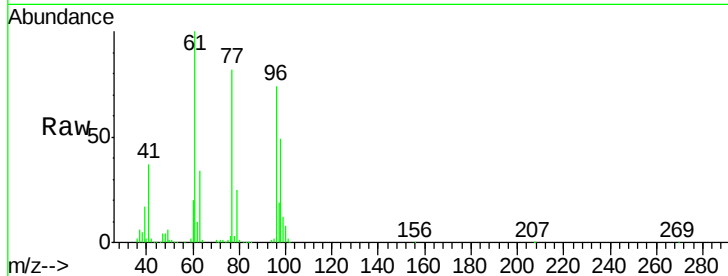


#27

cis-1,2-Dichloroethene
Concen: 94.886 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

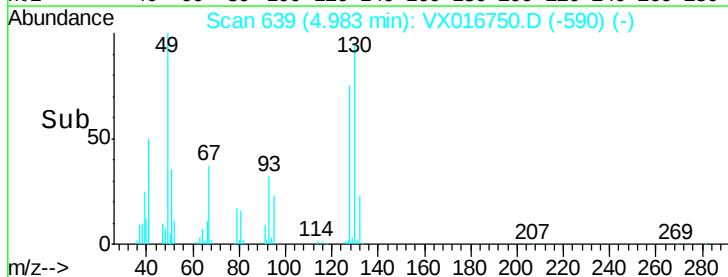
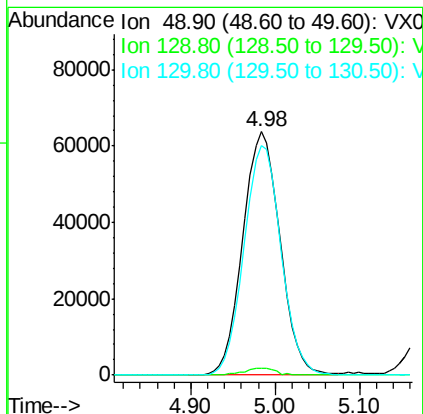
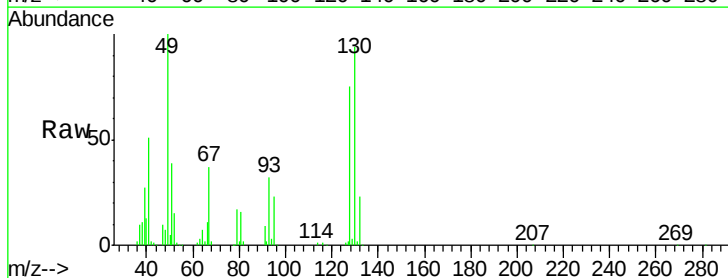
Tgt Ion	Ratio	Lower	Upper
96	100		
61	137.1	0.0	276.2
98	64.8	0.0	130.0

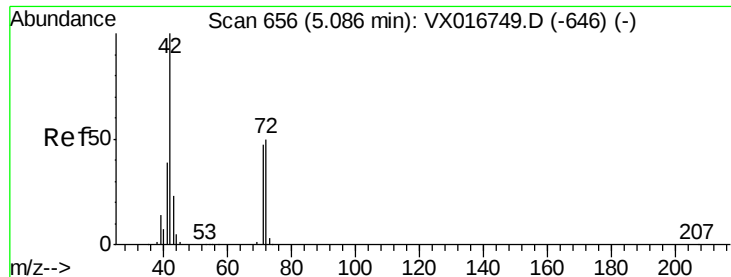


#28

Bromochloromethane
Concen: 85.459 ug/l
RT: 4.98 min Scan# 639
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.8
130	93.8	76.0	114.0

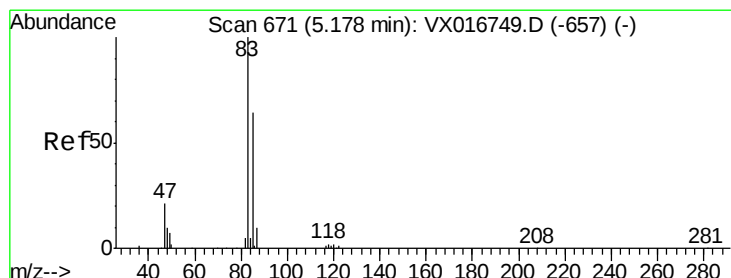
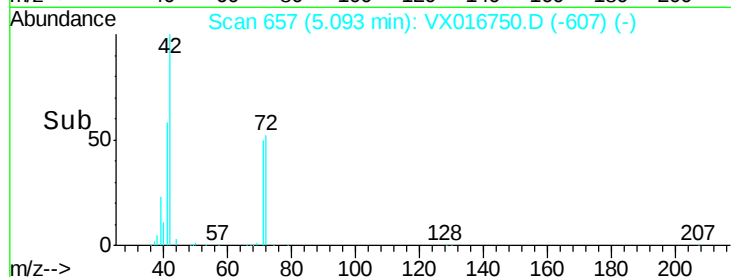
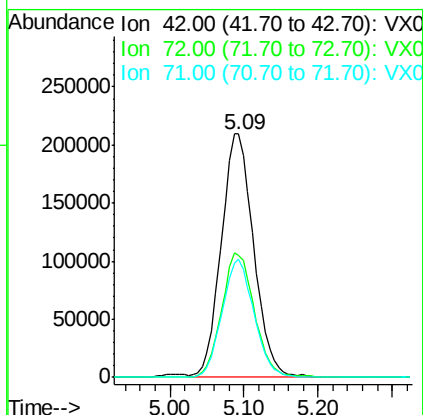
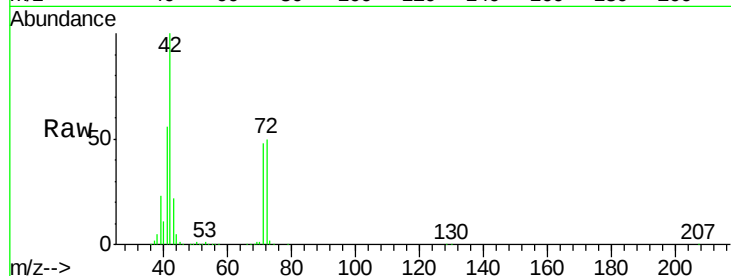




#29
Tetrahydrofuran
Concen: 430.550 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

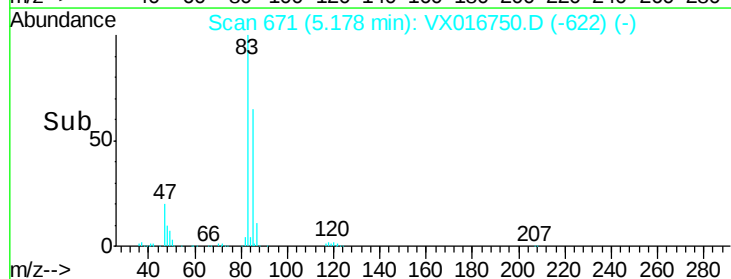
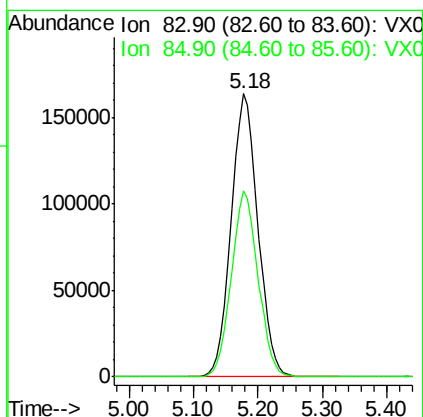
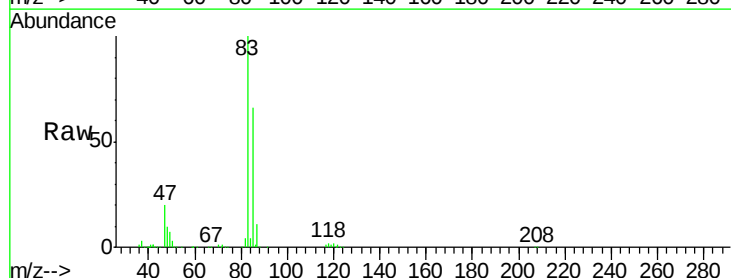
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

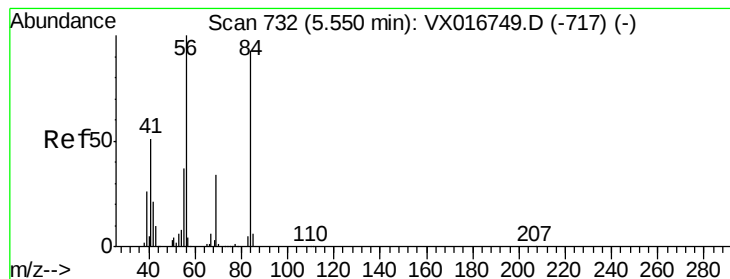
Tgt Ion: 42 Resp: 635809
Ion Ratio Lower Upper
42 100
72 51.8 41.0 61.6
71 47.8 38.2 57.4



#30
Chloroform
Concen: 96.307 ug/l
RT: 5.18 min Scan# 671
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion: 83 Resp: 475838
Ion Ratio Lower Upper
83 100
85 65.6 50.8 76.2





#31

Cyclohexane

Concen: 89.346 ug/l

RT: 5.55 min Scan# 732

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

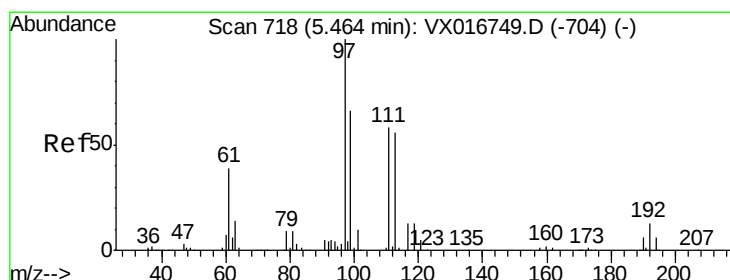
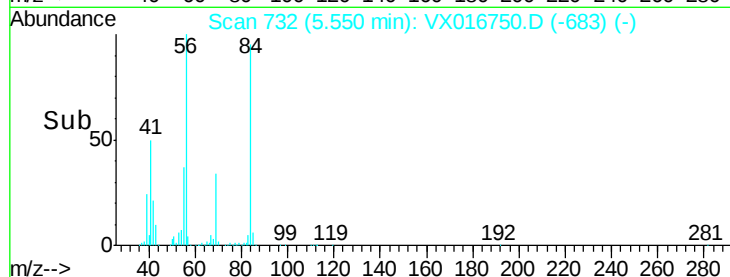
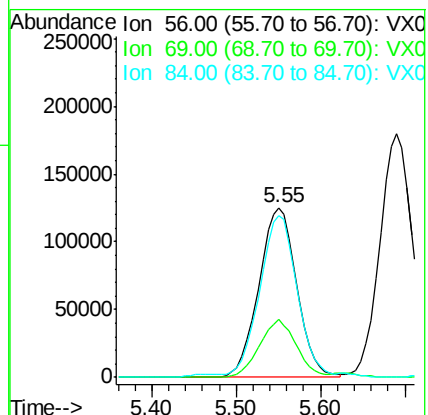
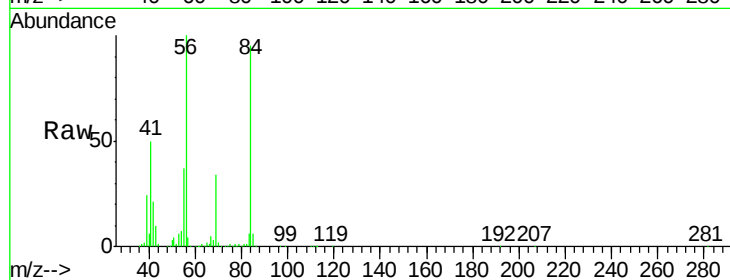
Tgt Ion: 56 Resp: 386794

Ion Ratio Lower Upper

56 100

69 33.8 27.1 40.7

84 94.2 74.0 111.0



#32

1,1,1-Trichloroethane

Concen: 100.558 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

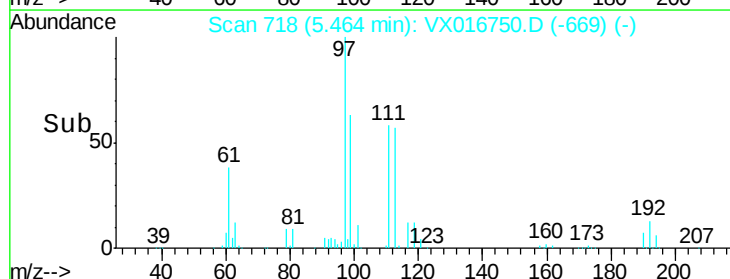
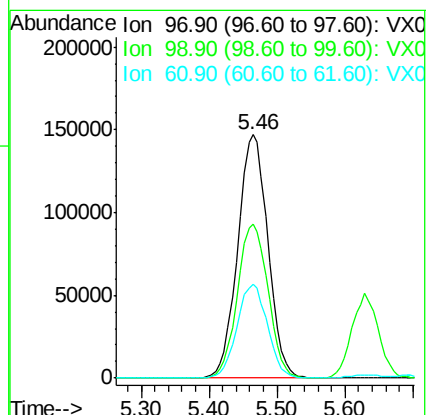
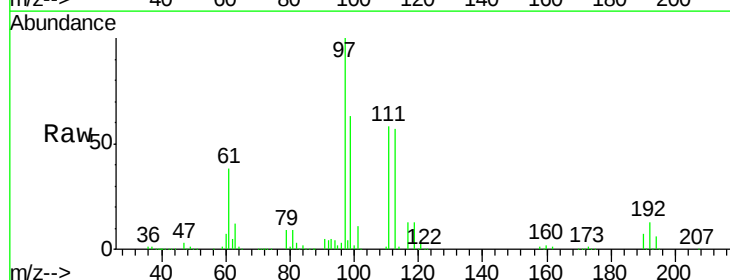
Tgt Ion: 97 Resp: 452672

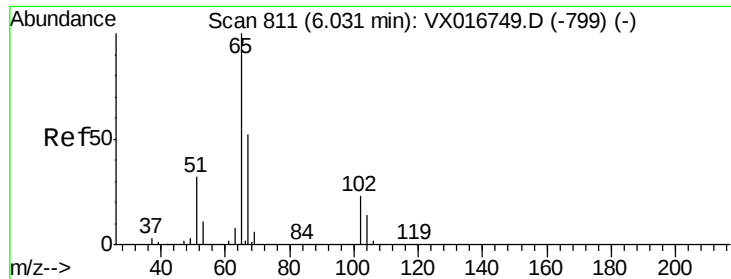
Ion Ratio Lower Upper

97 100

99 64.3 51.5 77.3

61 39.1 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 92.725 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

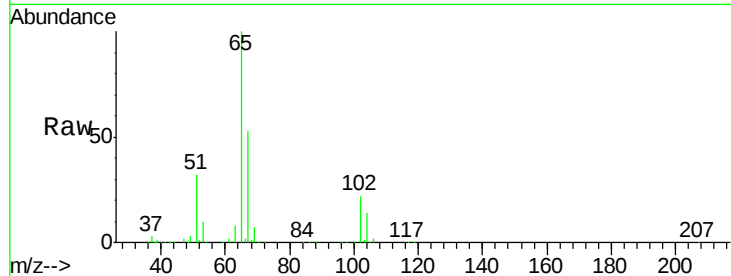
VSTDIC100

Tgt Ion: 65 Resp: 292035

Ion Ratio Lower Upper

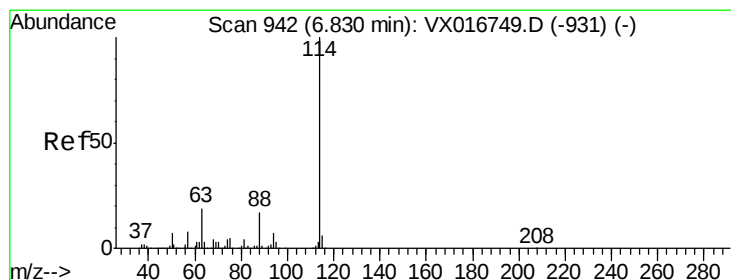
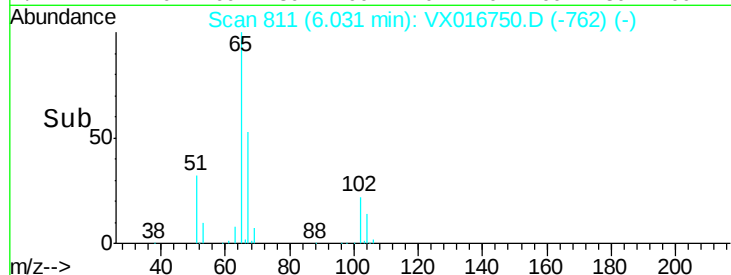
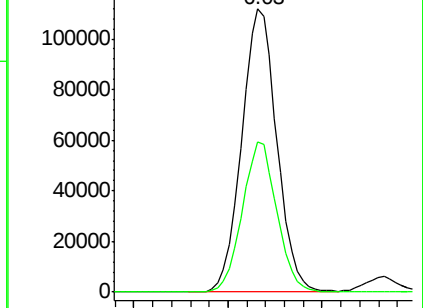
65 100

67 52.2 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

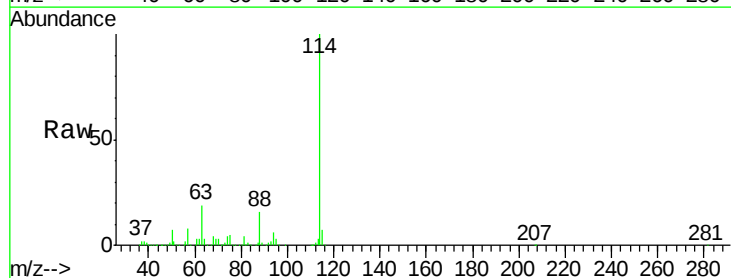
Tgt Ion: 114 Resp: 387780

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

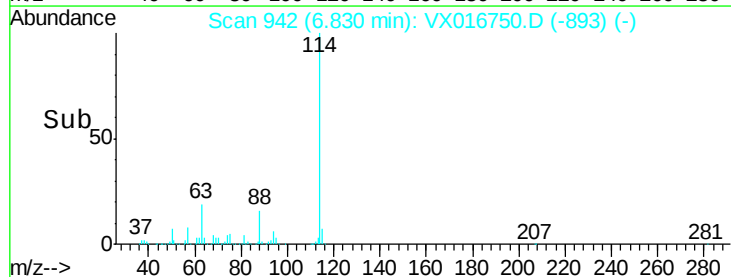
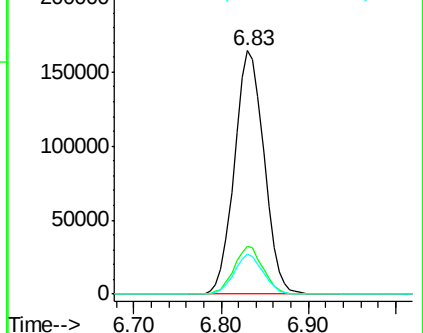
88 16.3 0.0 33.4

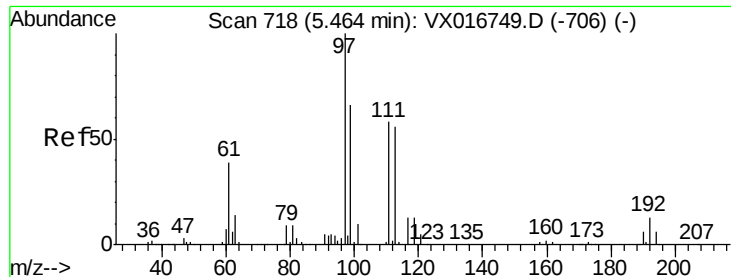


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

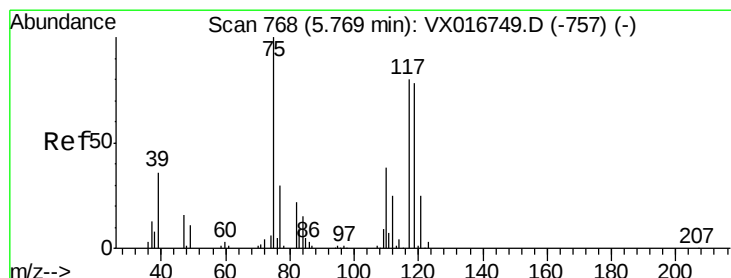
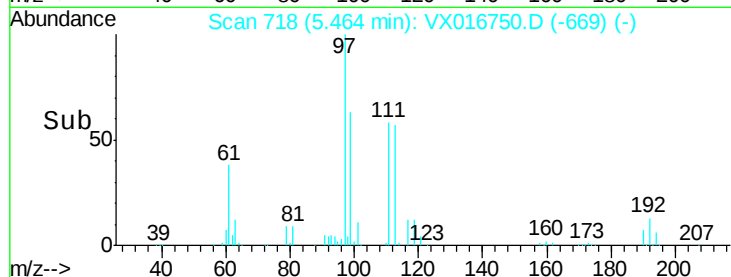
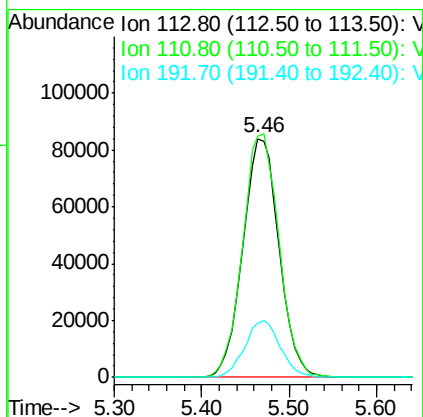
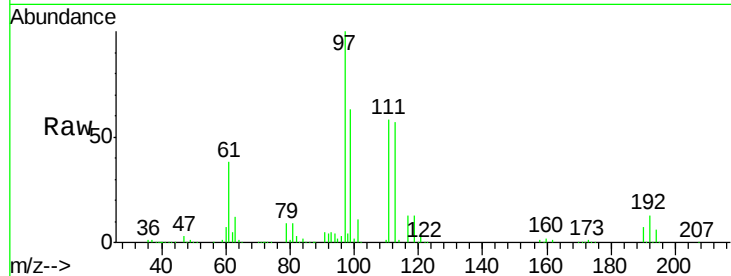




#35
 Dibromofluoromethane
 Concen: 101.601 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

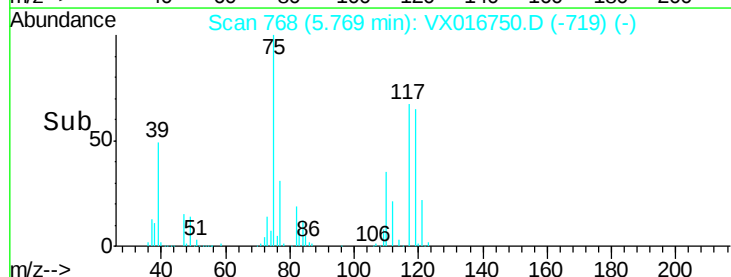
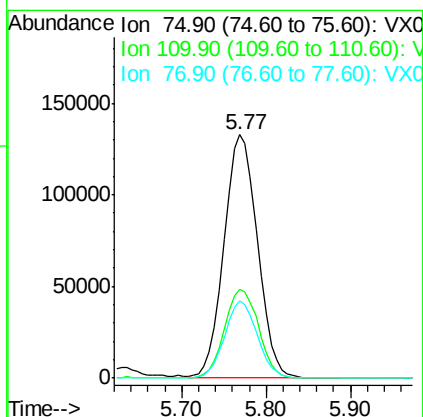
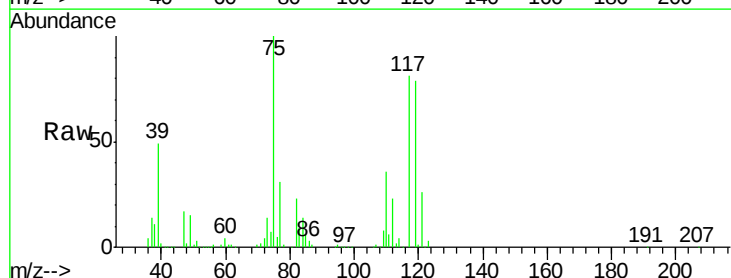
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

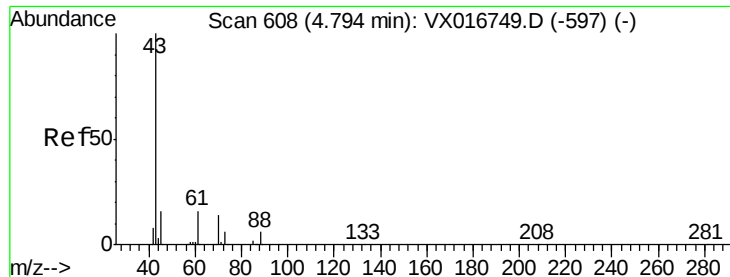
Tgt Ion:113 Resp: 241910
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.8 122.6
 192 23.4 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 98.774 ug/l
 RT: 5.77 min Scan# 768
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion: 75 Resp: 358647
 Ion Ratio Lower Upper
 75 100
 110 37.1 18.4 55.2
 77 31.2 24.7 37.1

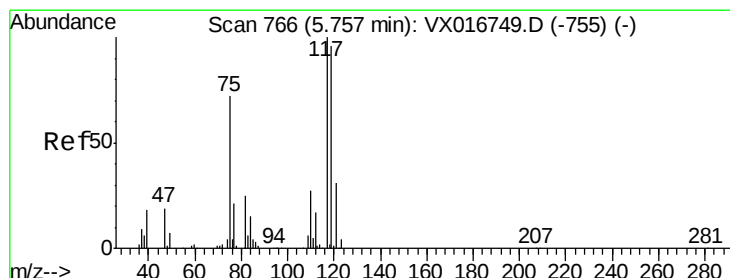
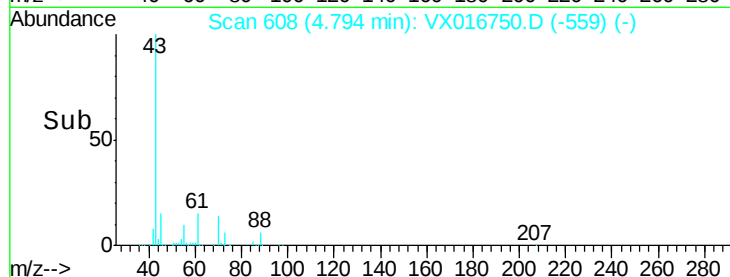
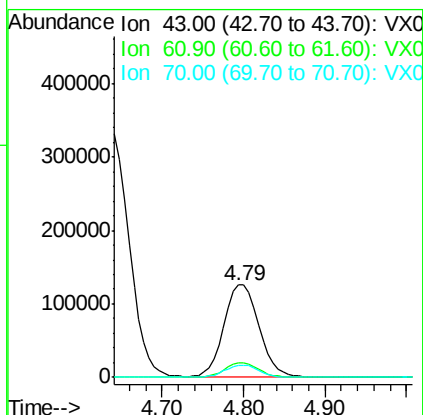
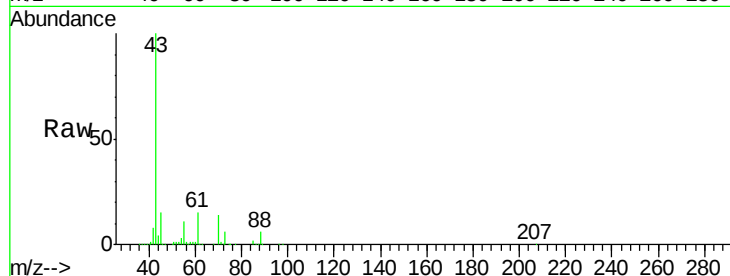




#37
Ethyl Acetate
Concen: 88.103 ug/l
RT: 4.79 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

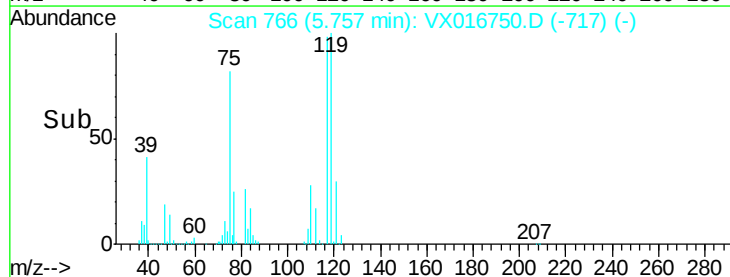
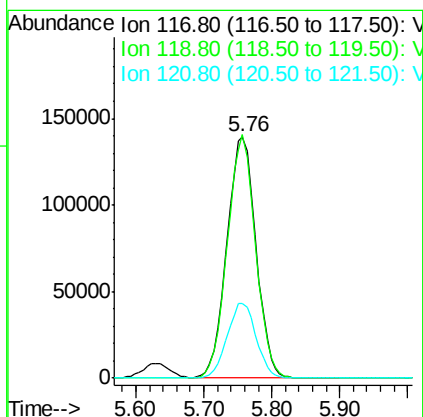
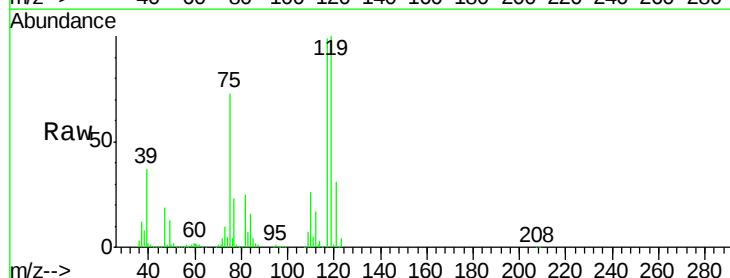
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

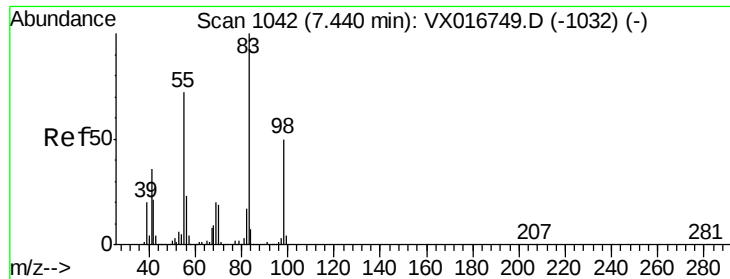
Tgt Ion: 43 Resp: 375297
Ion Ratio Lower Upper
43 100
61 15.0 12.4 18.6
70 13.1 10.8 16.2



#38
Carbon Tetrachloride
Concen: 106.847 ug/l
RT: 5.76 min Scan# 766
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion: 117 Resp: 413290
Ion Ratio Lower Upper
117 100
119 100.9 76.7 115.1
121 30.9 24.7 37.1

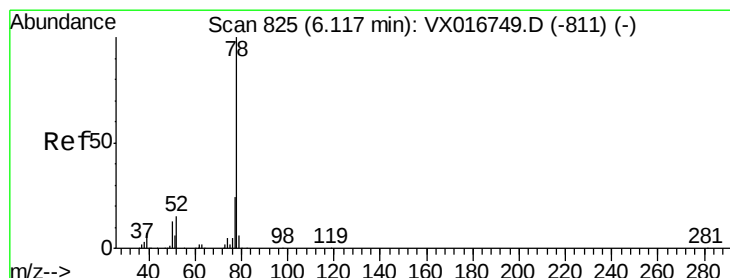
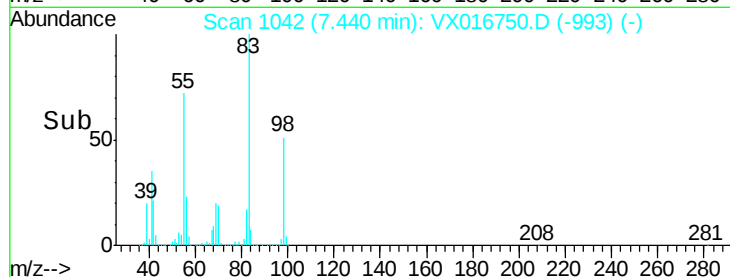
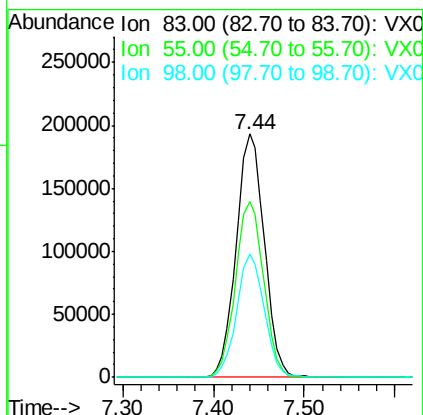
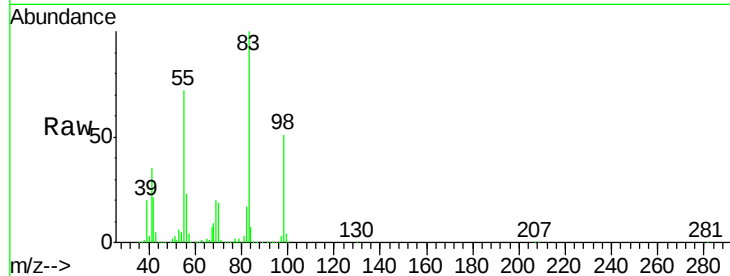




#39
Methylcyclohexane
Concen: 105.197 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

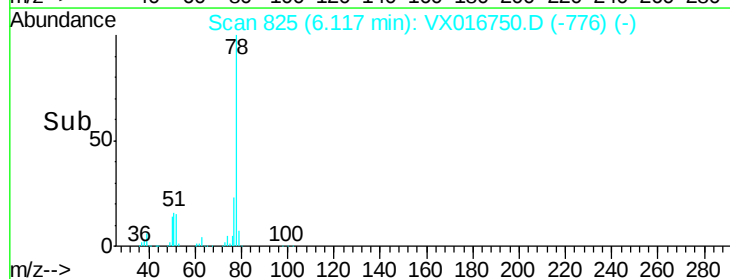
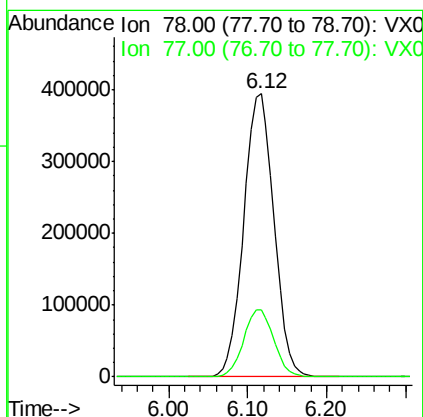
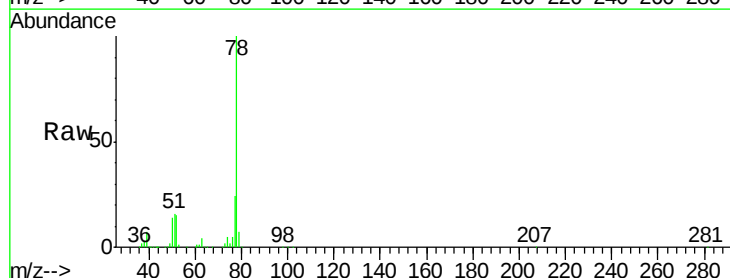
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

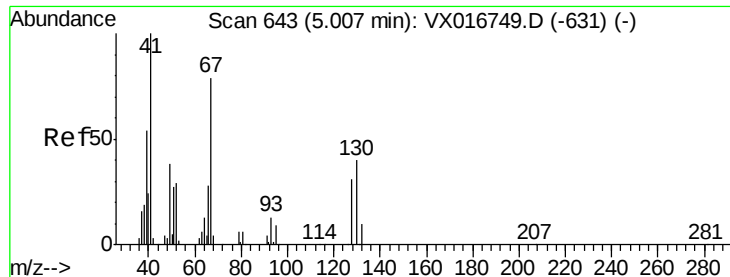
Tgt Ion: 83 Resp: 416668
Ion Ratio Lower Upper
83 100
55 72.3 57.3 85.9
98 50.8 40.3 60.5



#40
Benzene
Concen: 97.341 ug/l
RT: 6.12 min Scan# 825
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion: 78 Resp: 1050183
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4





#41

Methacrylonitrile

Concen: 88.862 ug/l

RT: 5.01 min Scan# 643

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tgt Ion: 41 Resp: 207962

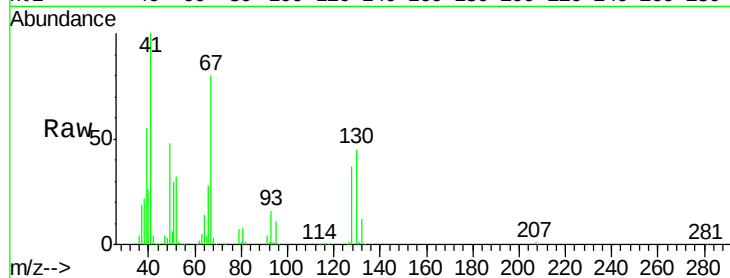
Ion Ratio Lower Upper

41 100

39 53.6 43.7 65.5

67 78.5 64.6 96.8

52 30.0 25.6 38.4

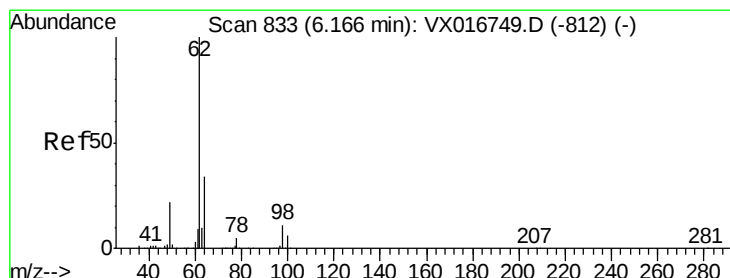
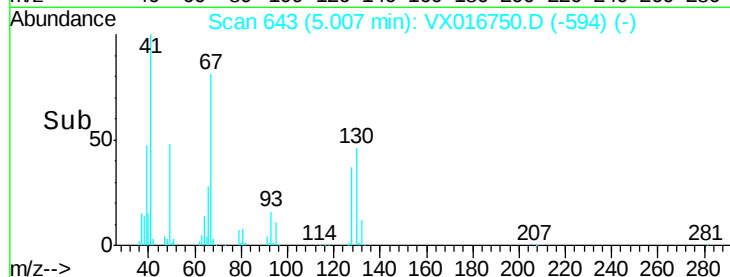
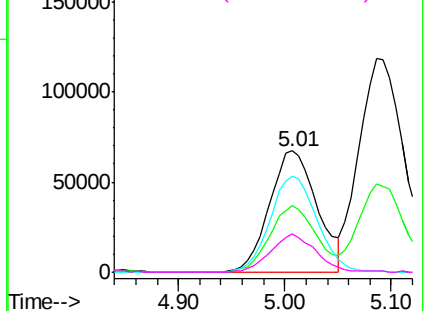


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 99.162 ug/l

RT: 6.17 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX016750.D

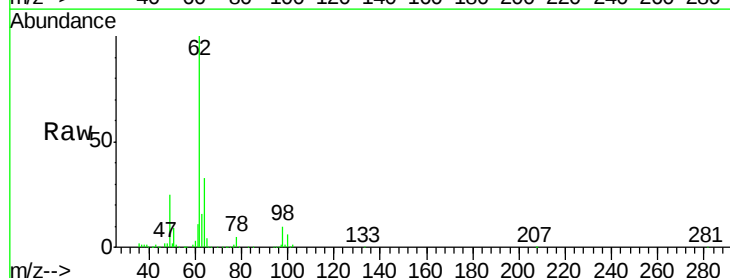
Acq: 15 Jun 2020 12:40

Tgt Ion: 62 Resp: 380937

Ion Ratio Lower Upper

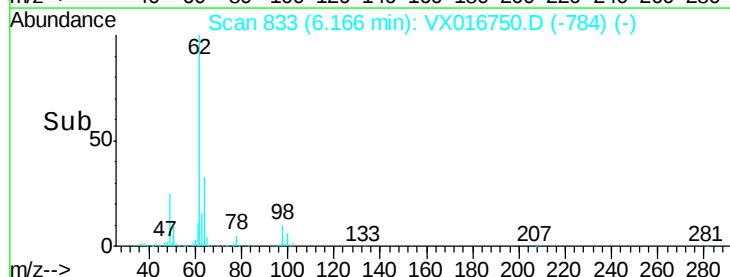
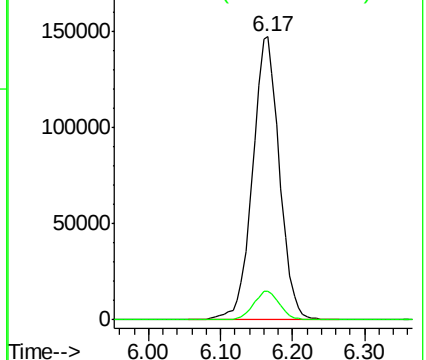
62 100

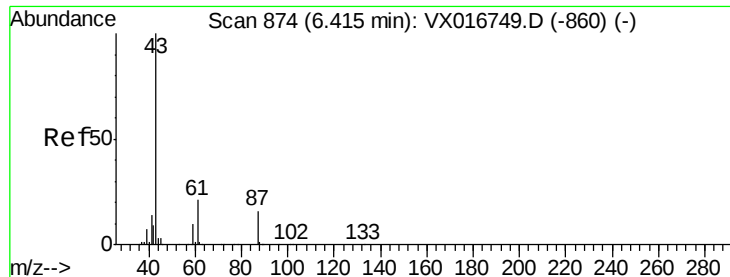
98 9.9 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 91.137 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

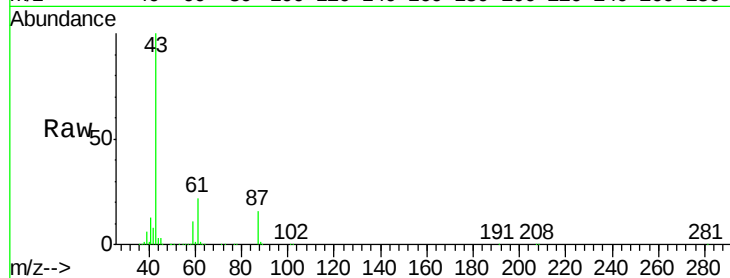
Tgt Ion: 43 Resp: 607164

Ion Ratio Lower Upper

43 100

61 22.1 17.7 26.5

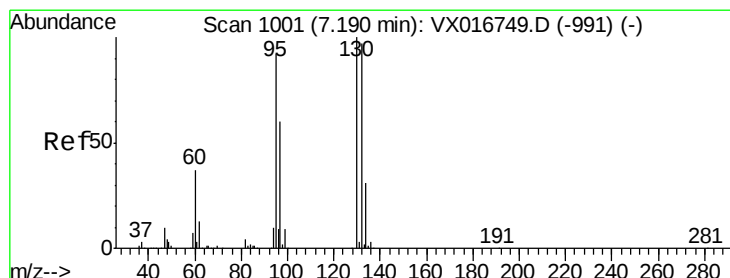
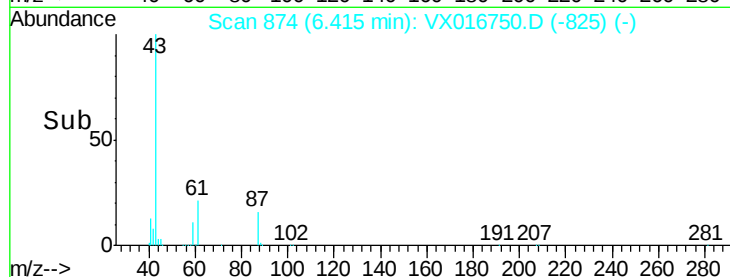
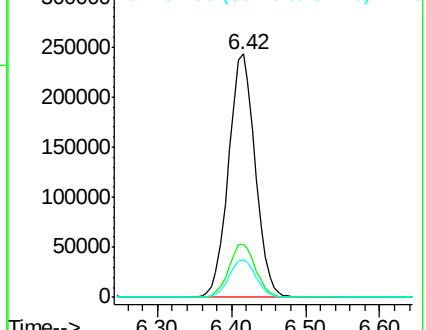
87 15.7 12.5 18.7



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: 95.650 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016750.D

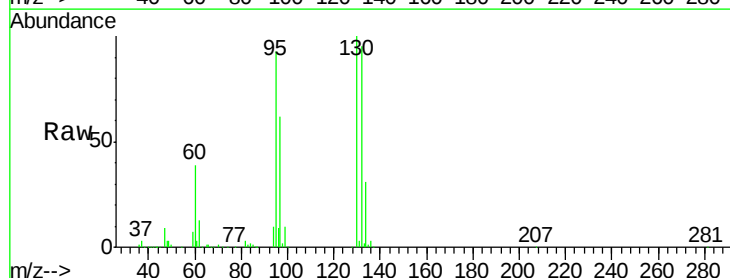
Acq: 15 Jun 2020 12:40

Tgt Ion: 130 Resp: 327857

Ion Ratio Lower Upper

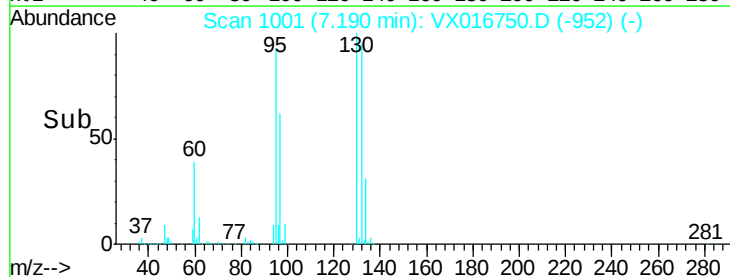
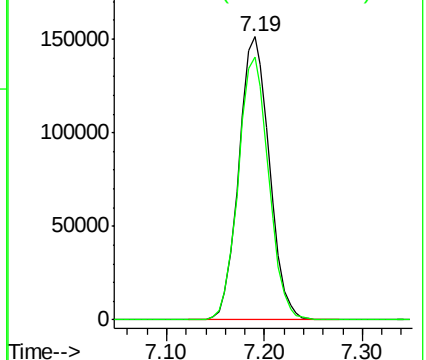
130 100

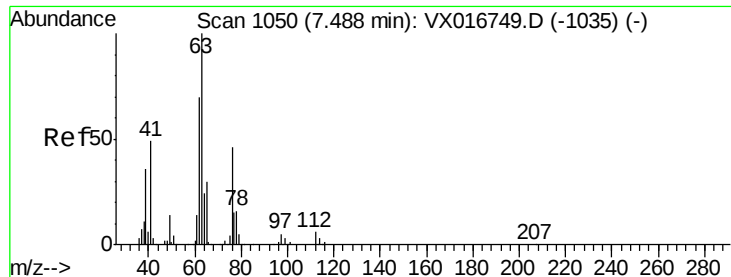
95 93.0 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

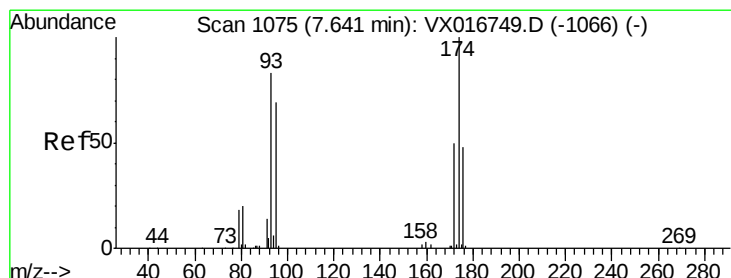
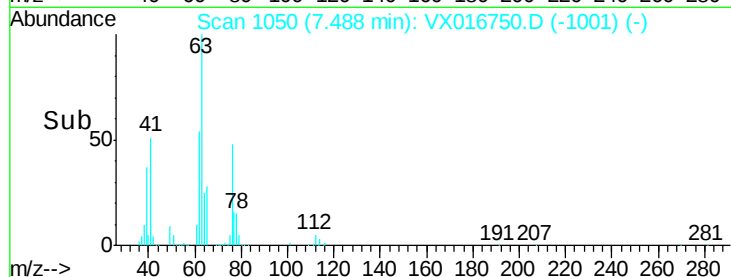
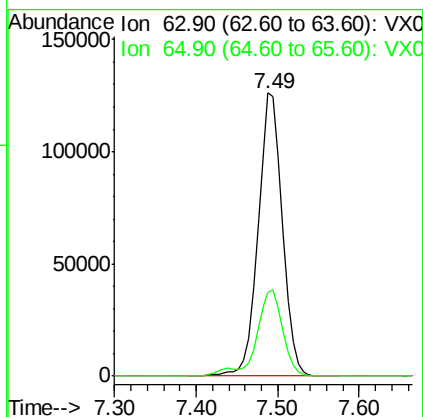
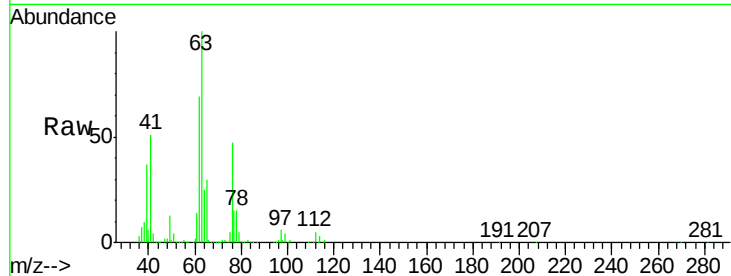




#45
 1,2-Dichloropropane
 Concen: 95.981 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

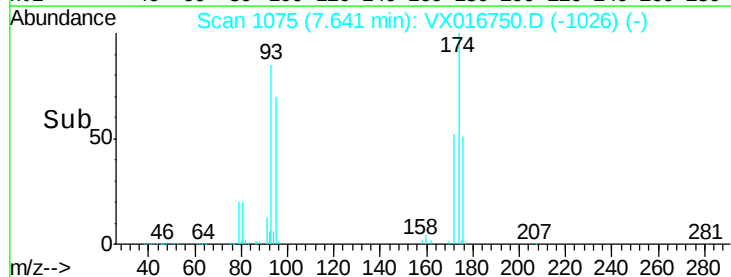
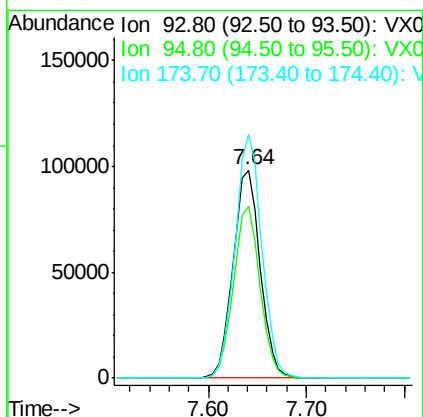
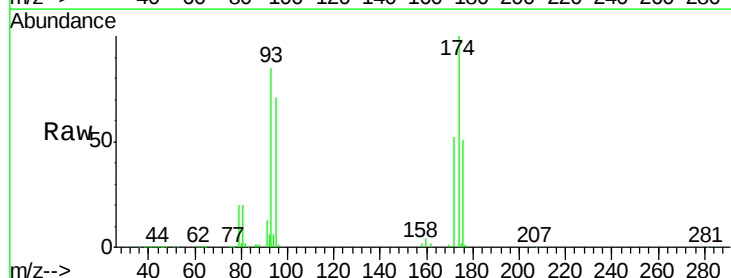
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

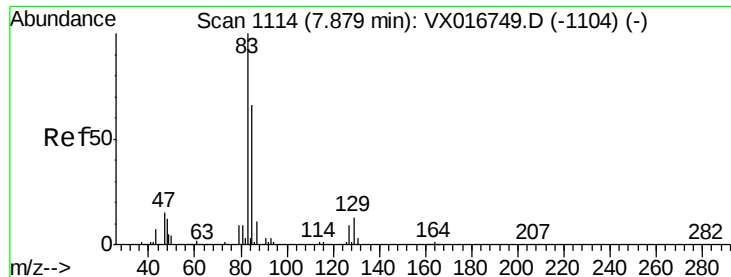
Tgt Ion: 63 Resp: 262261
 Ion Ratio Lower Upper
 63 100
 65 29.7 24.2 36.2



#46
 Dibromomethane
 Concen: 101.945 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion: 93 Resp: 189002
 Ion Ratio Lower Upper
 93 100
 95 81.6 66.9 100.3
 174 116.4 93.8 140.8





#47

Bromodichloromethane

Concen: 102.716 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

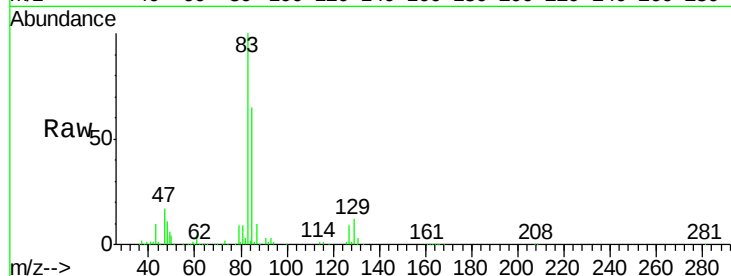
Tgt Ion: 83 Resp: 394671

Ion Ratio Lower Upper

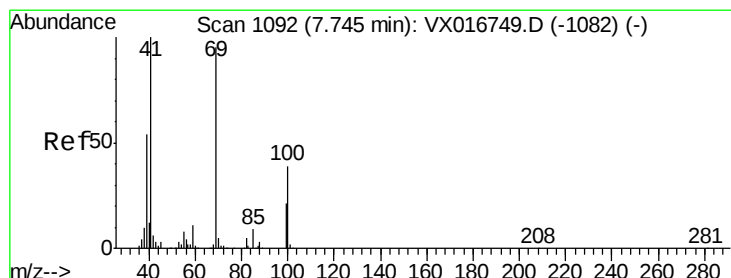
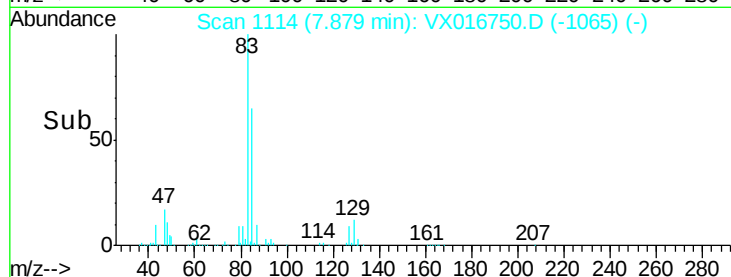
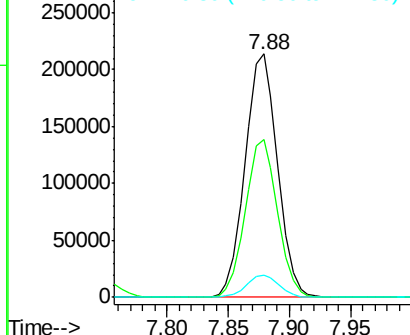
83 100

85 64.8 52.5 78.7

127 9.3 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: 92.770 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

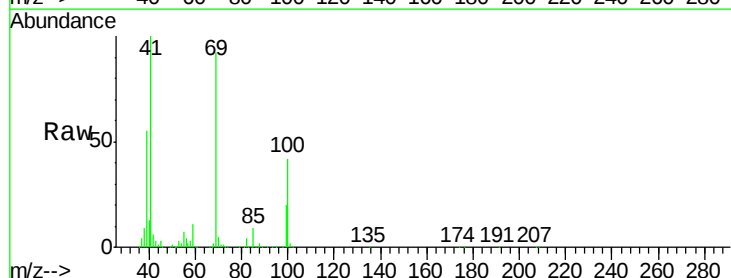
Tgt Ion: 41 Resp: 295323

Ion Ratio Lower Upper

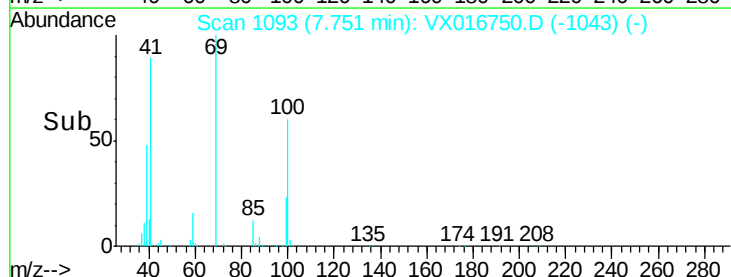
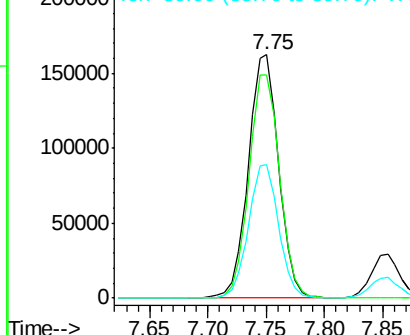
41 100

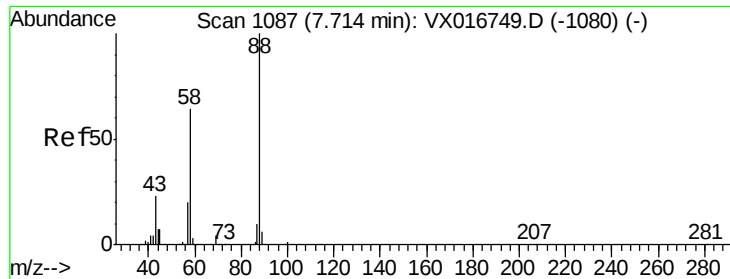
69 93.4 75.0 112.6

39 54.7 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

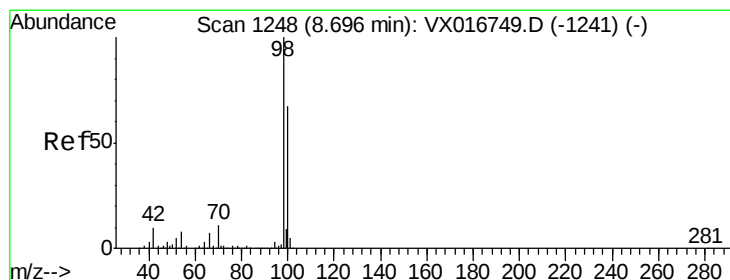
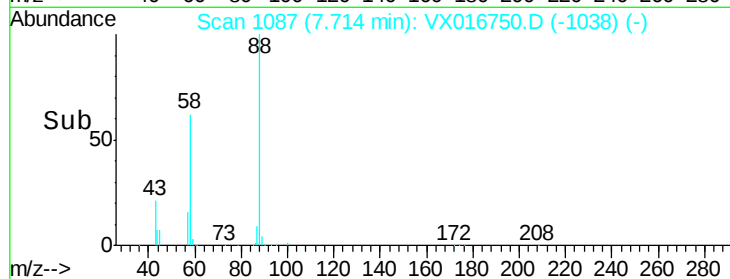
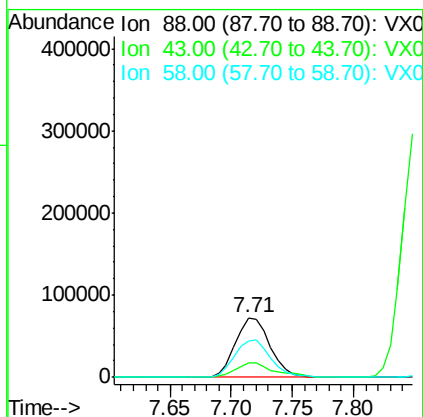
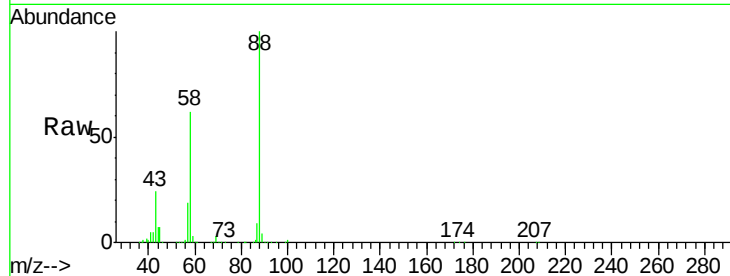




#49
1,4-Dioxane
Concen: 1899.776 ug/l
RT: 7.71 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

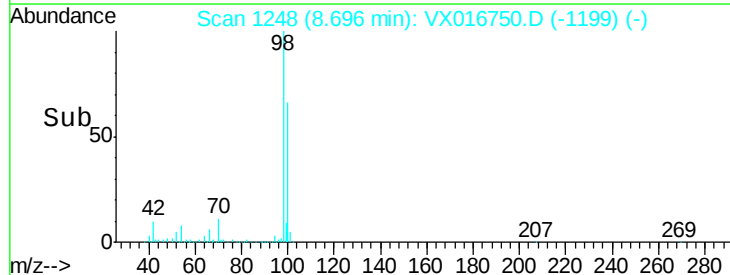
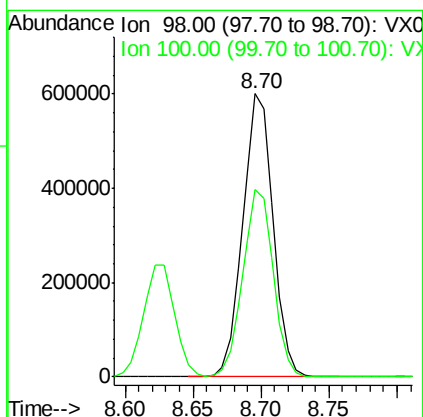
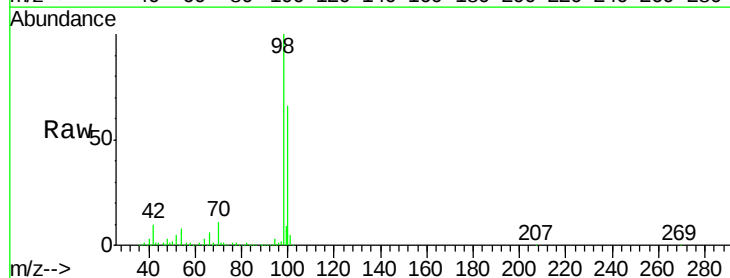
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

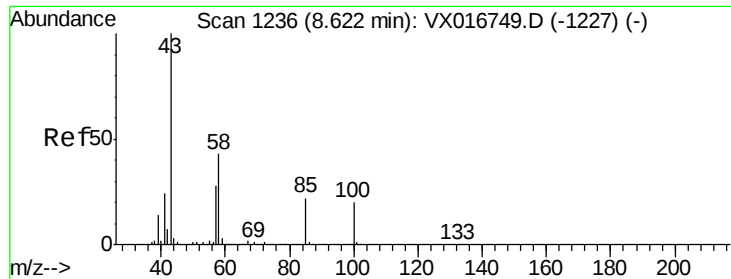
Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.9	22.9	34.3
58	65.8	53.7	80.5



#50
Toluene-d8
Concen: 101.204 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.9	80.9

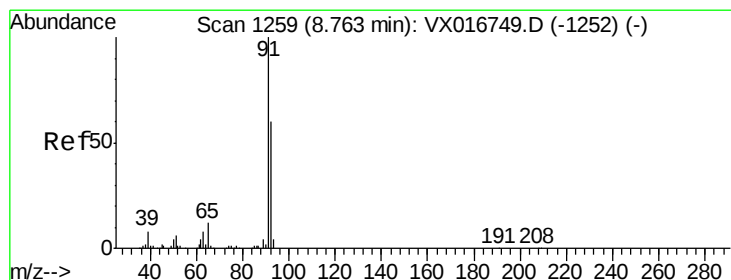
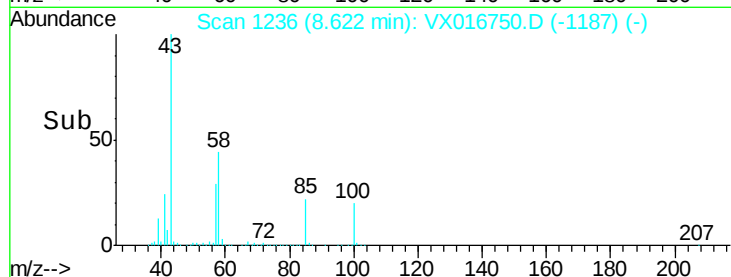
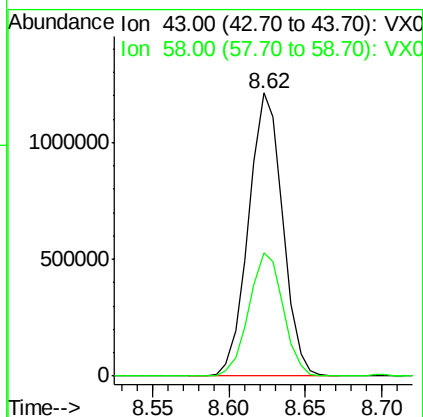
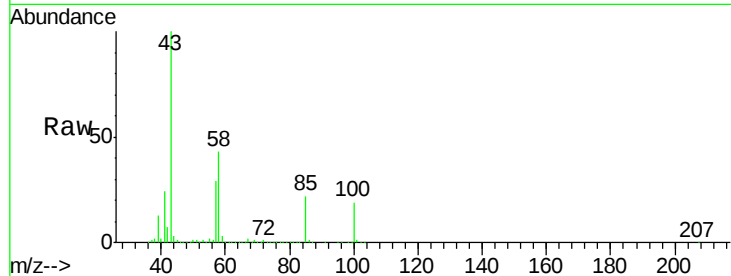




#51
 4-Methyl-2-Pentanone
 Concen: 455.071 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

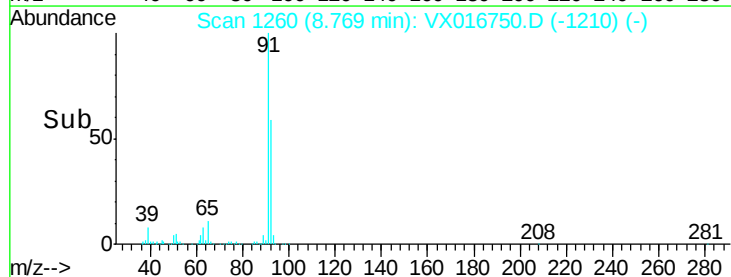
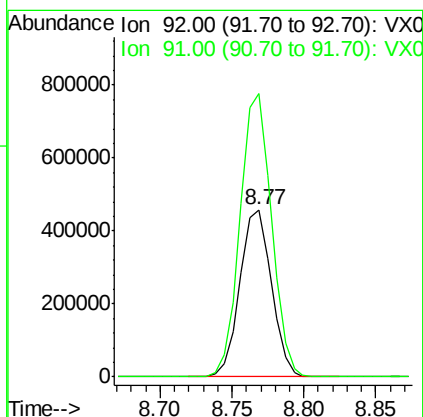
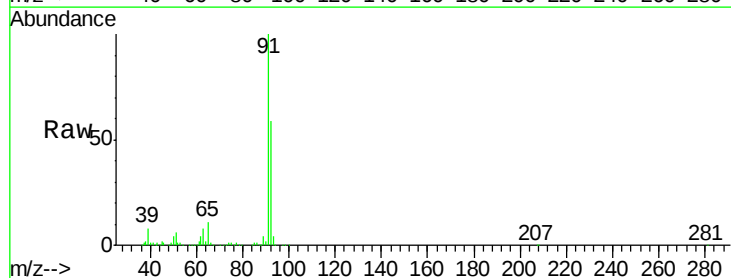
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

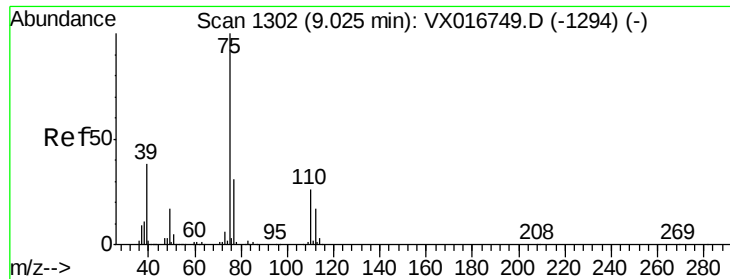
Tgt Ion: 43 Resp: 1883085
 Ion Ratio Lower Upper
 43 100
 58 43.7 34.6 52.0



#52
 Toluene
 Concen: 102.288 ug/l
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion: 92 Resp: 699216
 Ion Ratio Lower Upper
 92 100
 91 168.8 136.1 204.1





#53

t-1,3-Dichloropropene

Concen: 105.609 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

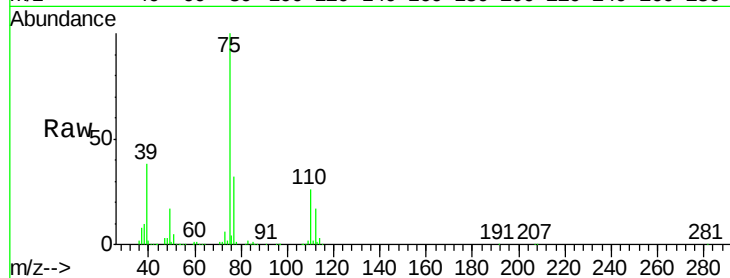
VSTDIC100

Tgt Ion: 75 Resp: 461430

Ion Ratio Lower Upper

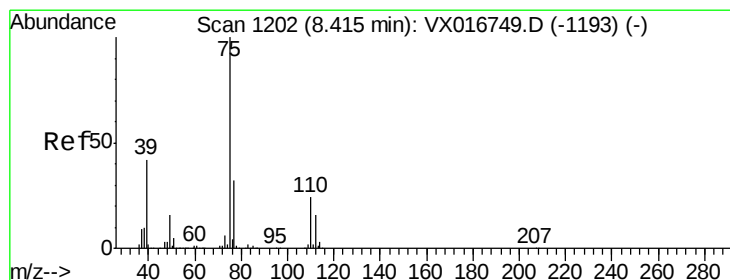
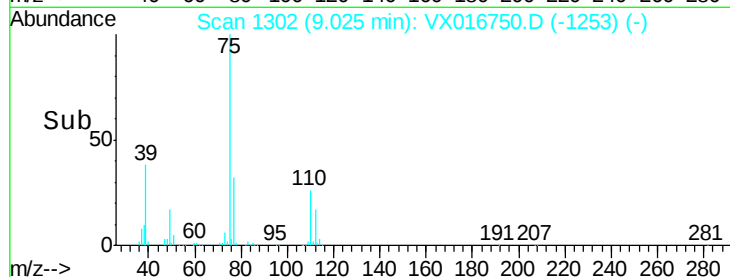
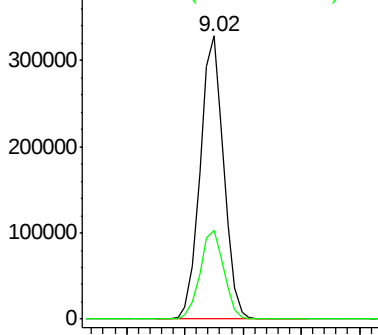
75 100

77 31.5 24.7 37.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 103.103 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

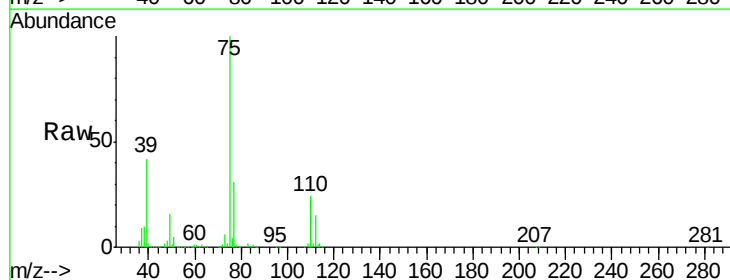
Tgt Ion: 75 Resp: 475021

Ion Ratio Lower Upper

75 100

77 31.4 25.3 37.9

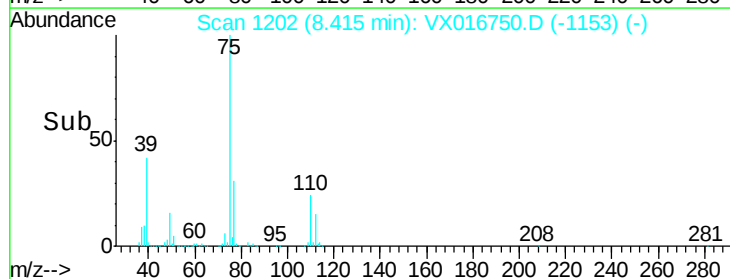
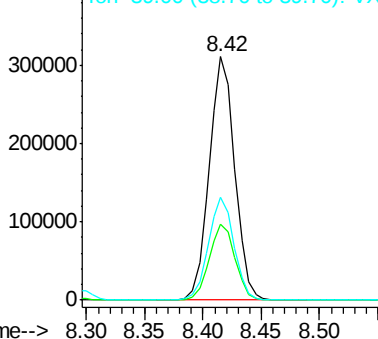
39 42.0 33.7 50.5

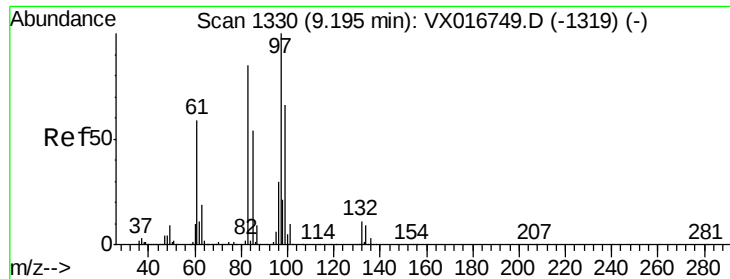


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

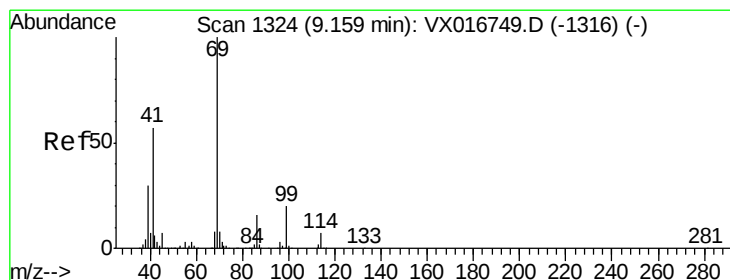
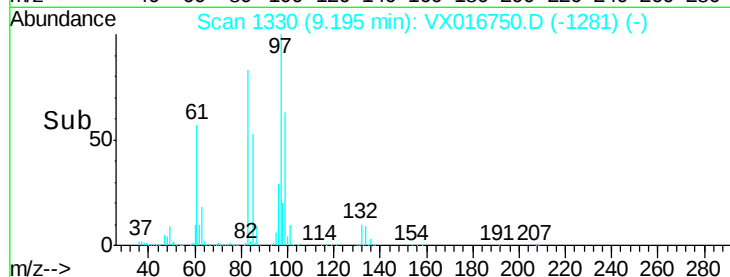
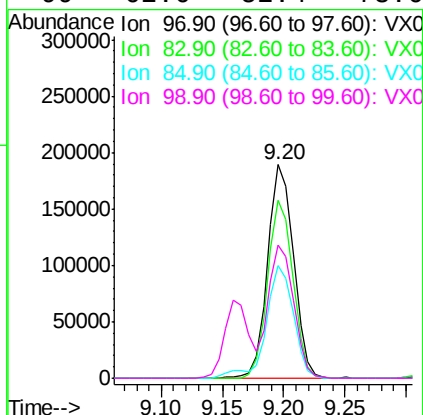
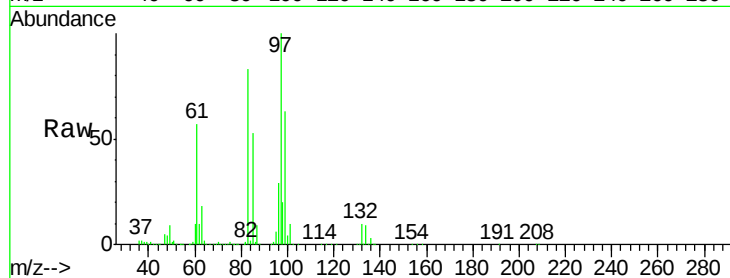




#55
 1,1,2-Trichloroethane
 Concen: 102.626 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

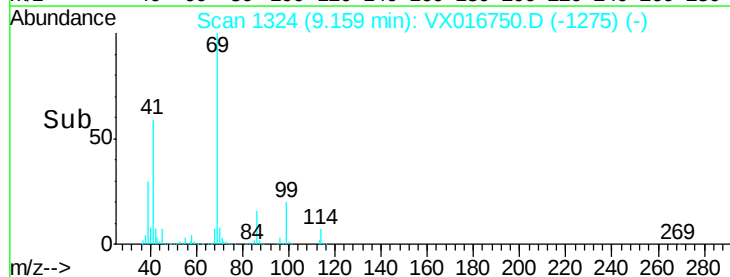
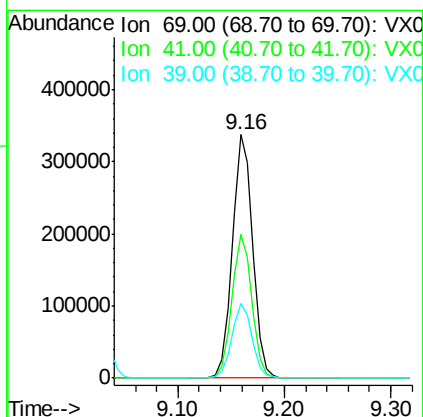
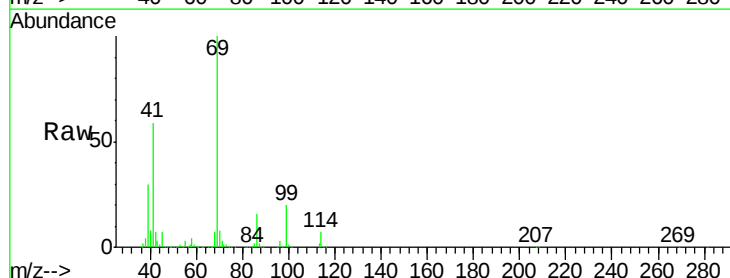
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

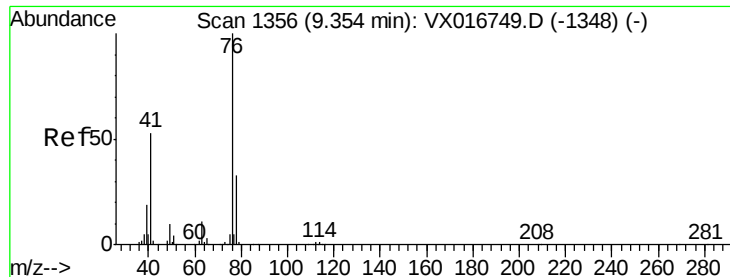
Tgt Ion:	97	Resp:	279593
Ion	Ratio	Lower	Upper
97	100		
83	83.0	68.3	102.5
85	52.8	43.5	65.3
99	62.6	52.4	78.6



#56
 Ethyl methacrylate
 Concen: 102.861 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion:	69	Resp:	450367
Ion	Ratio	Lower	Upper
69	100		
41	58.2	47.1	70.7
39	30.7	25.0	37.6

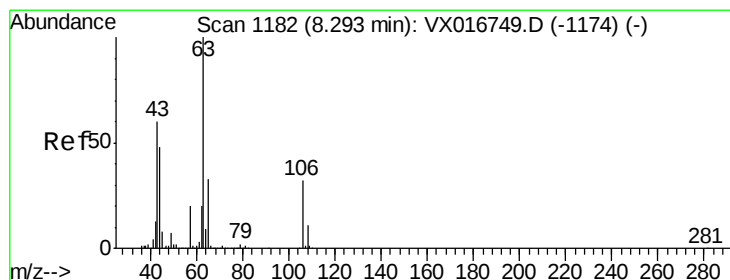
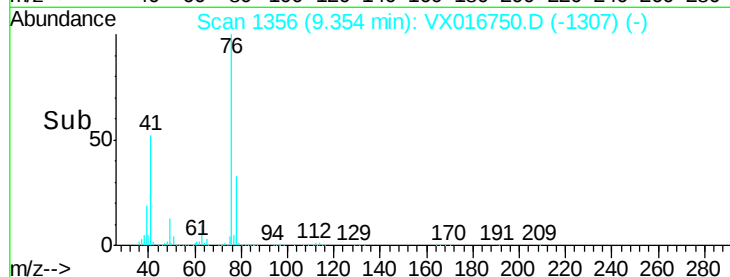
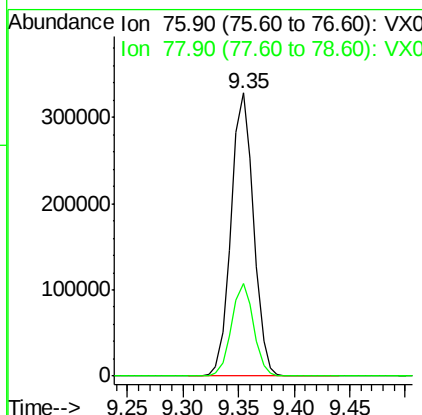
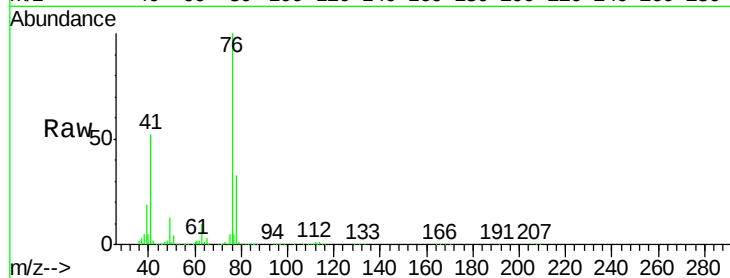




#57
 1,3-Dichloropropane
 Concen: 99.120 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

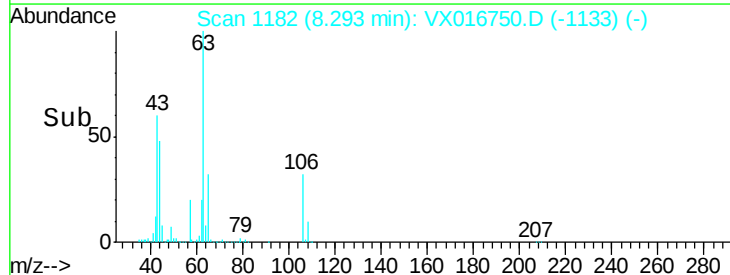
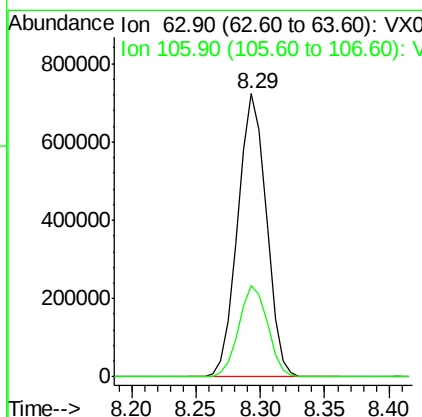
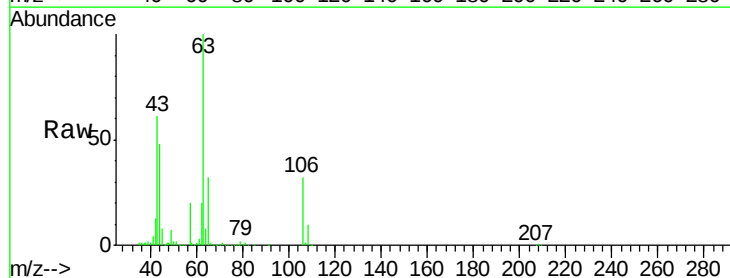
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

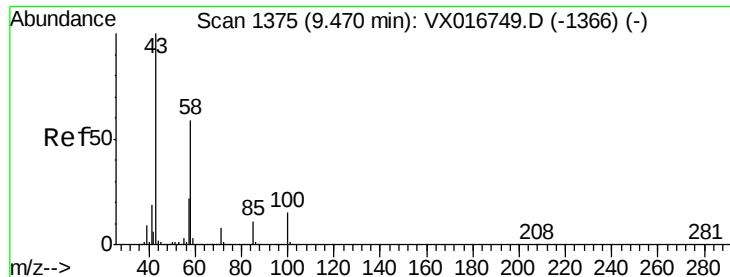
Tgt Ion: 76 Resp: 459731
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 489.212 ug/l
 RT: 8.29 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion: 63 Resp: 1117070
 Ion Ratio Lower Upper
 63 100
 106 32.1 25.5 38.3

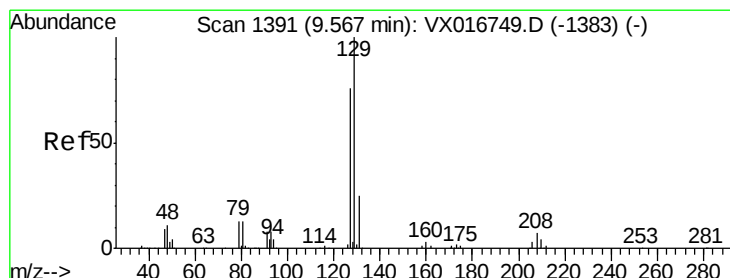
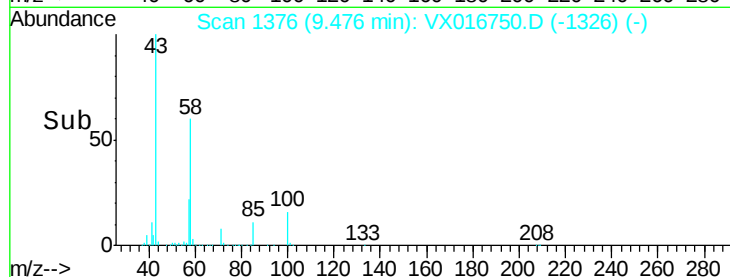
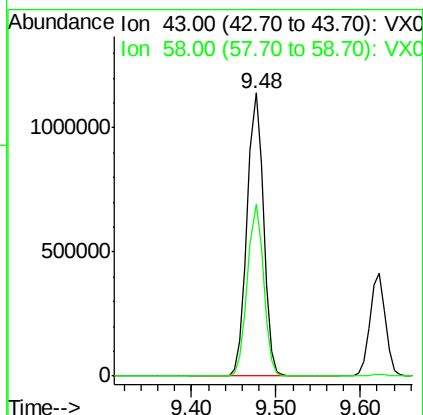
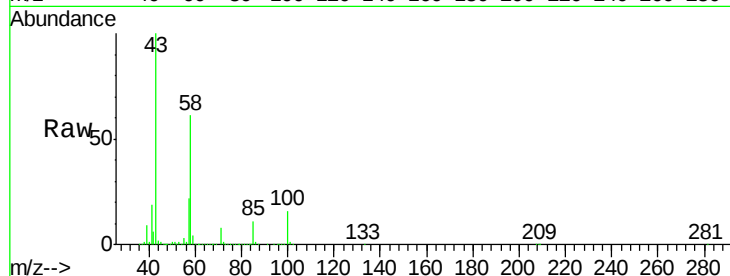




#59
2-Hexanone
Concen: 458.074 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.01 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

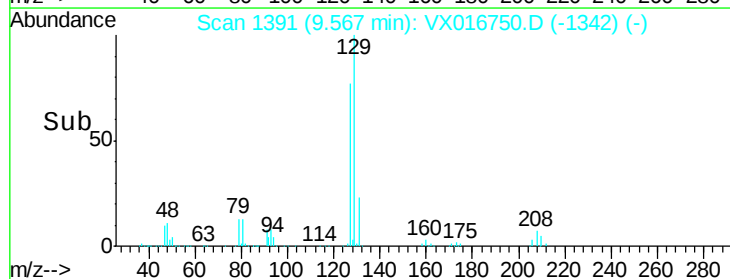
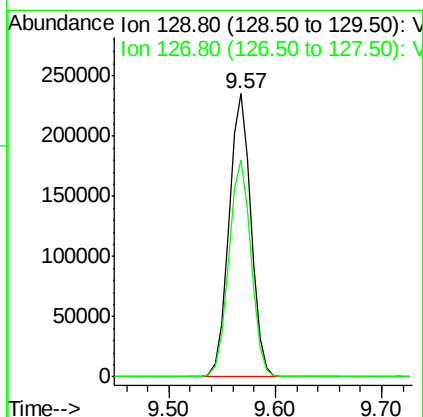
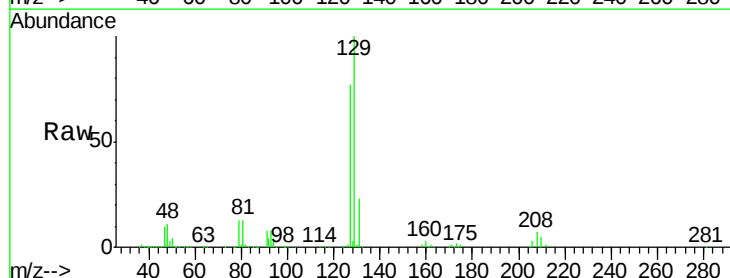
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

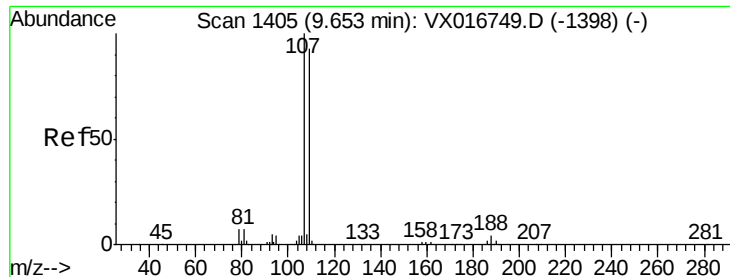
Tgt Ion: 43 Resp: 1472190
Ion Ratio Lower Upper
43 100
58 60.1 29.9 89.8



#60
Dibromochloromethane
Concen: 110.413 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion: 129 Resp: 341336
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61

1,2-Dibromoethane

Concen: 104.437 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

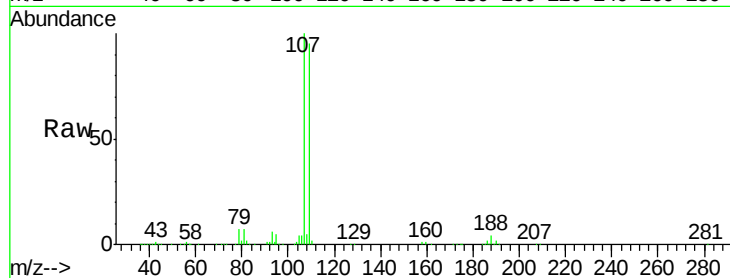
VSTDIC100

Tgt Ion: 107 Resp: 305868

Ion Ratio Lower Upper

107 100

109 94.8 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

250000

200000

150000

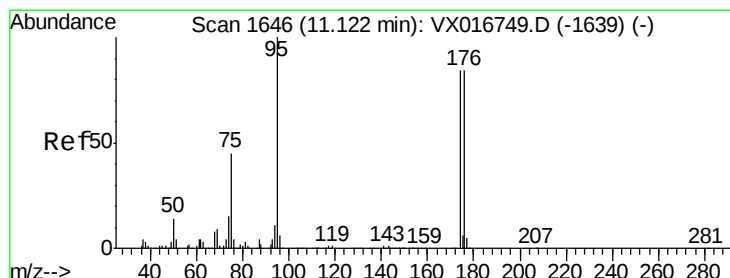
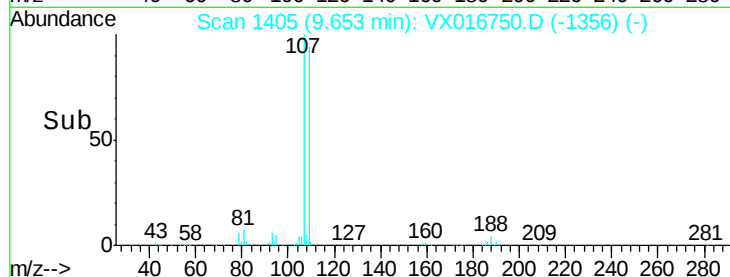
100000

50000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 100.187 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

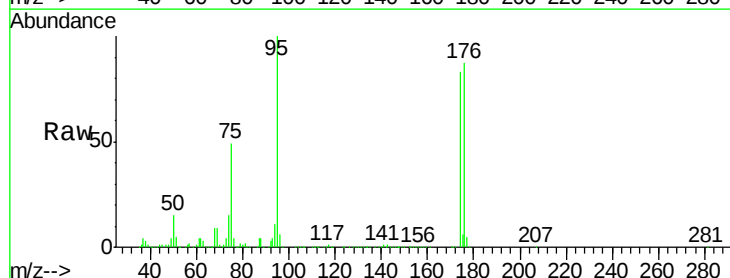
Tgt Ion: 95 Resp: 356425

Ion Ratio Lower Upper

95 100

174 85.0 0.0 171.0

176 84.5 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

400000

300000

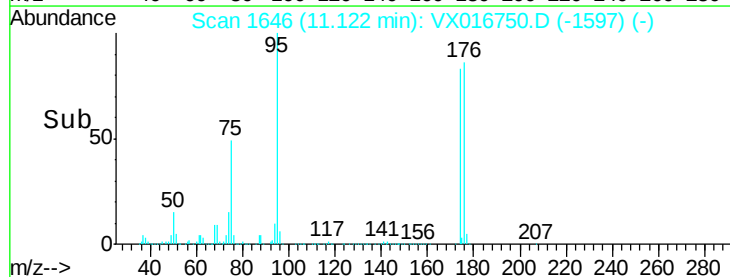
200000

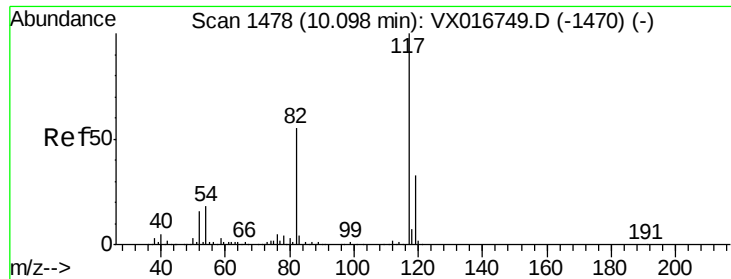
100000

0

11.10 11.20

Time-->

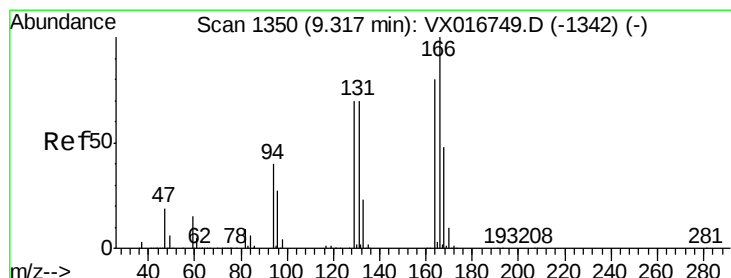
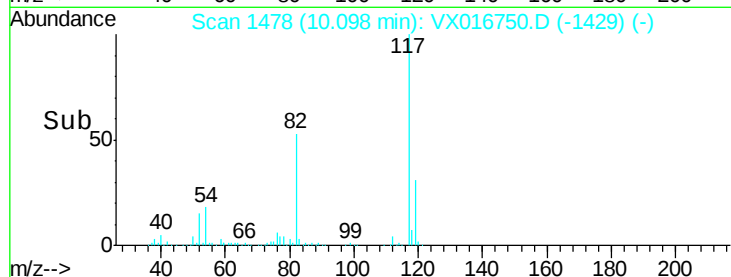
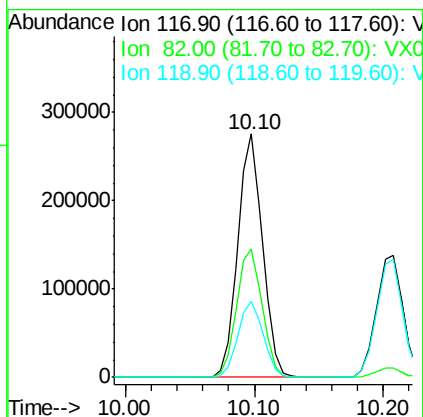
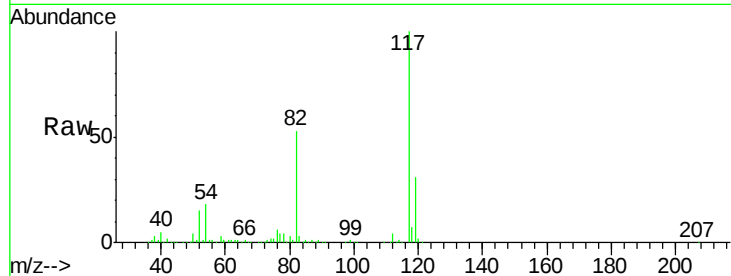




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

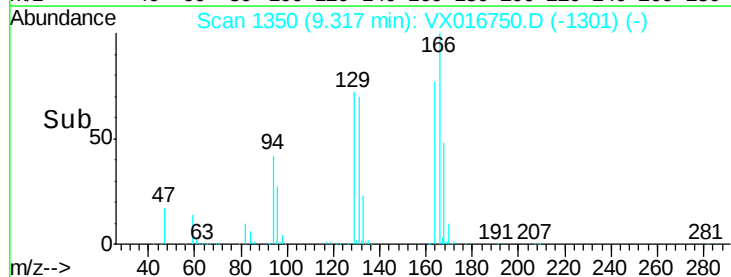
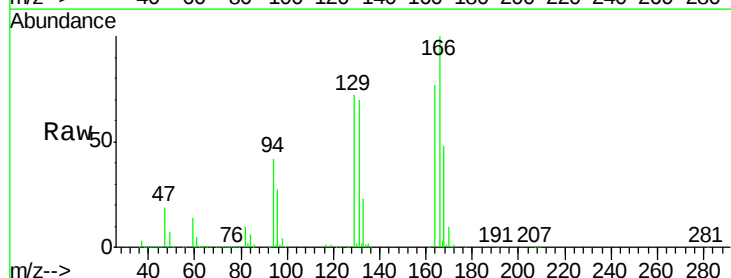
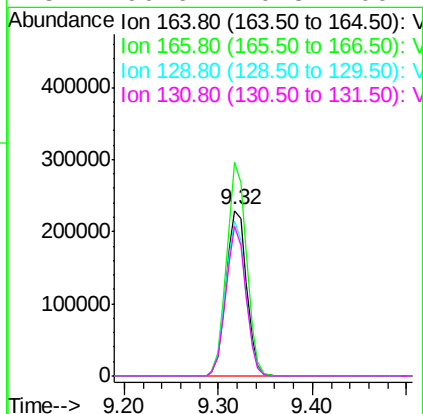
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

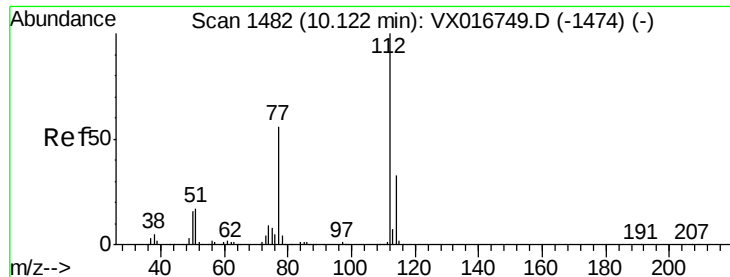
Tgt Ion:117 Resp: 366054
Ion Ratio Lower Upper
117 100
82 52.7 43.8 65.6
119 31.3 26.2 39.4



#64
Tetrachloroethene
Concen: 86.506 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion:164 Resp: 345113
Ion Ratio Lower Upper
164 100
166 129.3 100.6 150.8
129 93.8 70.1 105.1
131 90.6 70.8 106.2





#65

Chlorobenzene

Concen: 101.165 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

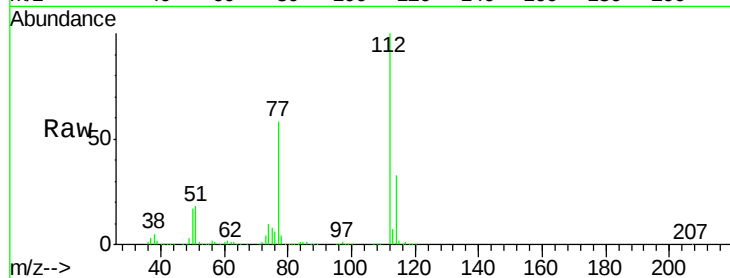
VSTDIC100

Tgt Ion:112 Resp: 748986

Ion Ratio Lower Upper

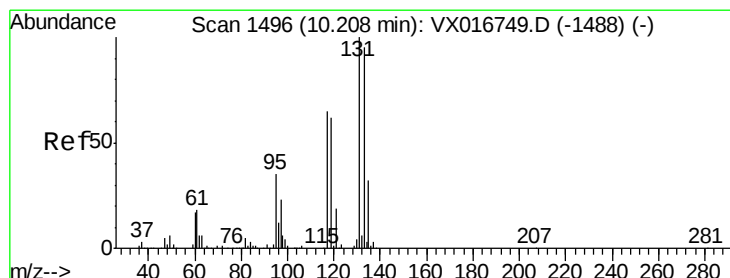
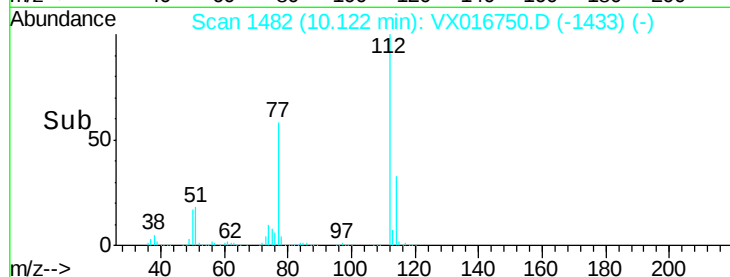
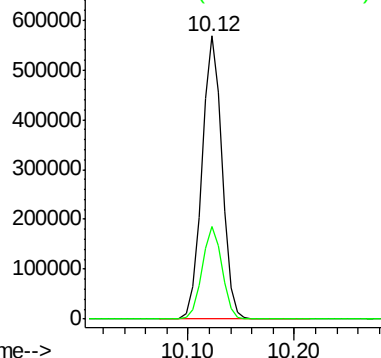
112 100

114 32.9 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 106.044 ug/l

RT: 10.21 min Scan# 1496

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

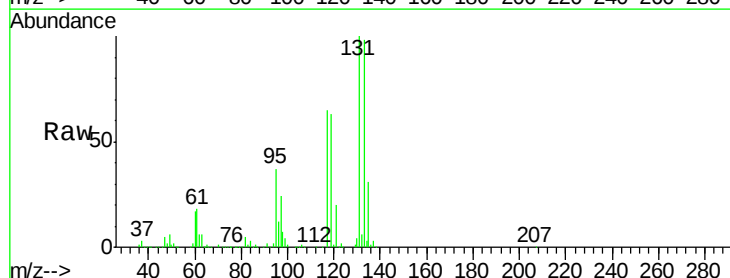
Tgt Ion:131 Resp: 302675

Ion Ratio Lower Upper

131 100

133 96.4 46.8 140.3

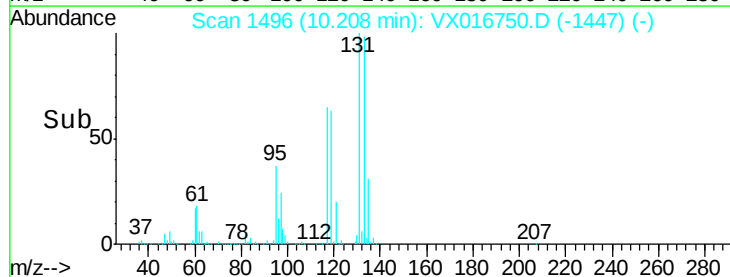
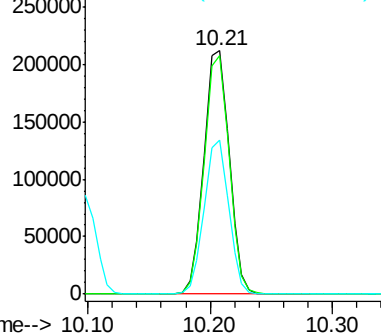
119 61.6 31.4 94.0

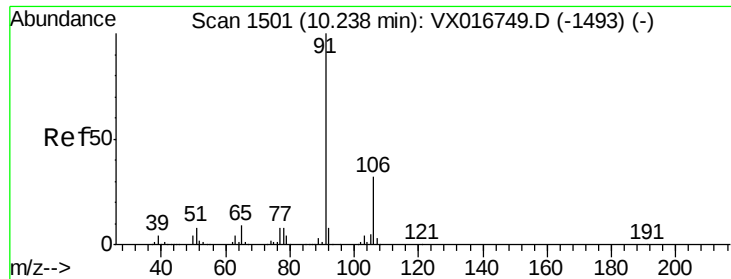


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 101.430 ug/l

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

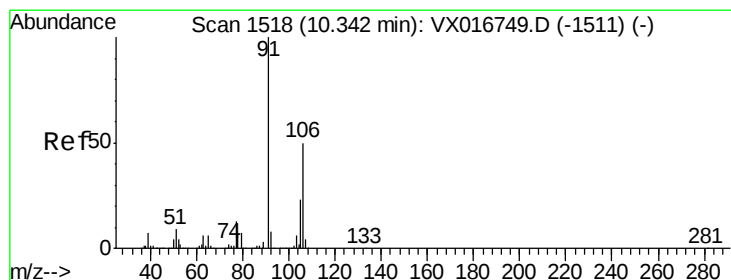
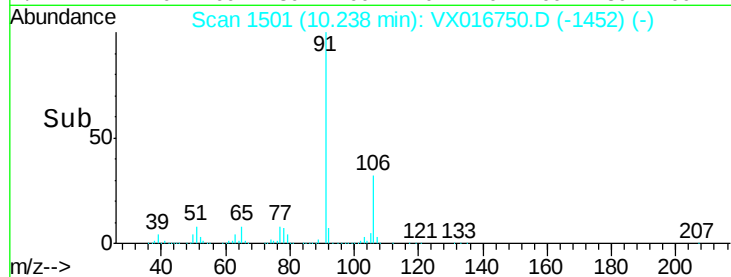
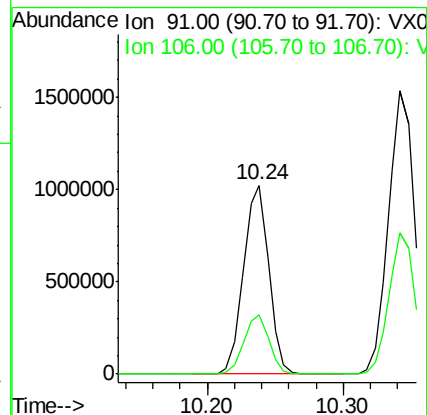
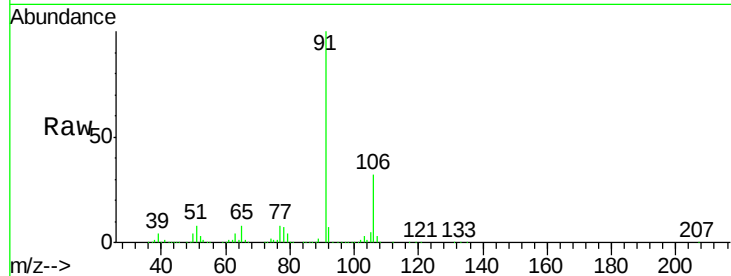
VSTDIC100

Tgt Ion: 91 Resp: 1329018

Ion Ratio Lower Upper

91 100

106 31.5 25.3 37.9



#68

m/p-Xylenes

Concen: 208.414 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016750.D

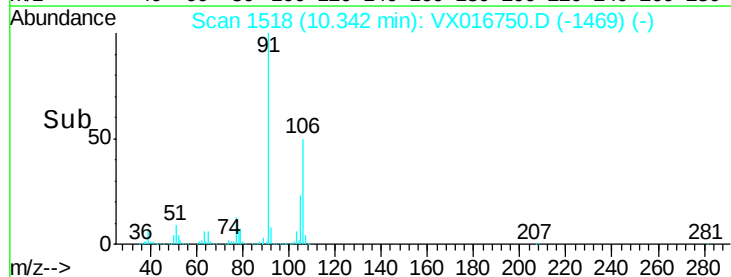
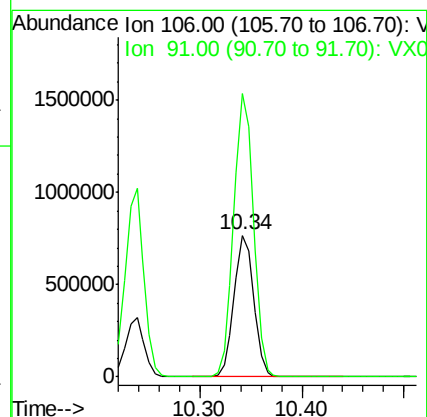
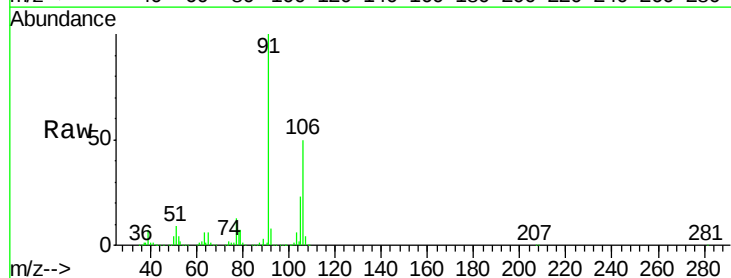
Acq: 15 Jun 2020 12:40

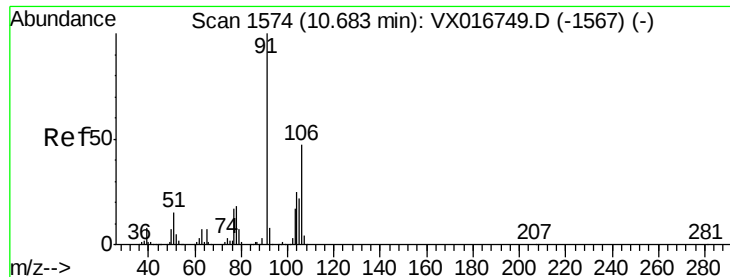
Tgt Ion: 106 Resp: 1017902

Ion Ratio Lower Upper

106 100

91 201.1 161.2 241.8

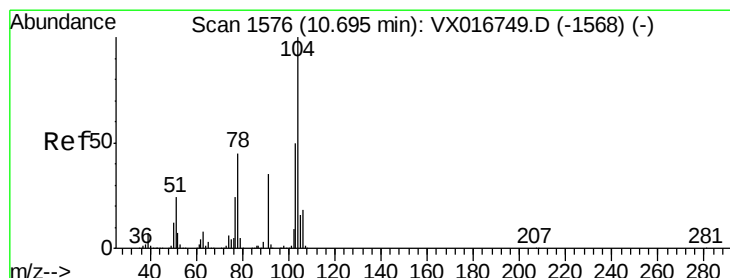
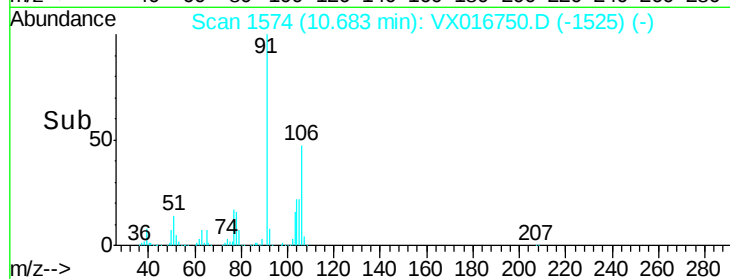
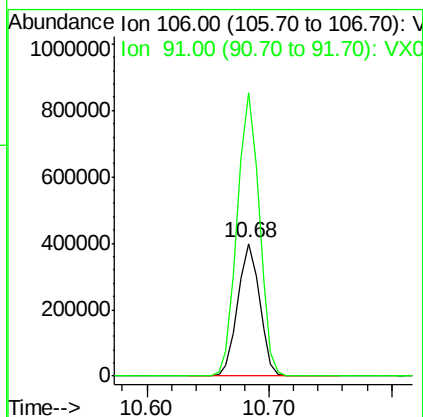
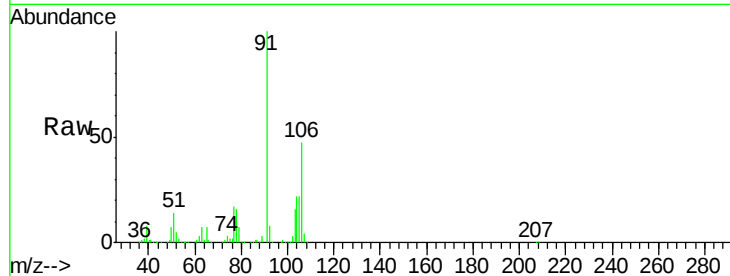




#69
o-Xylene
Concen: 104.374 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

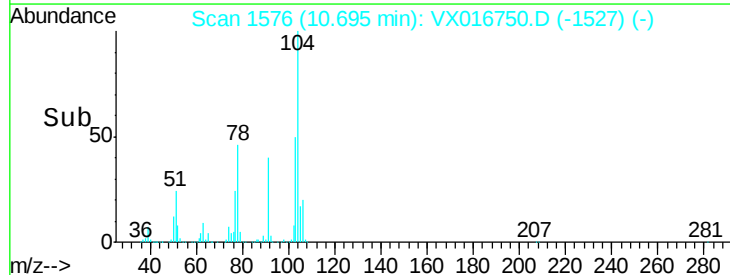
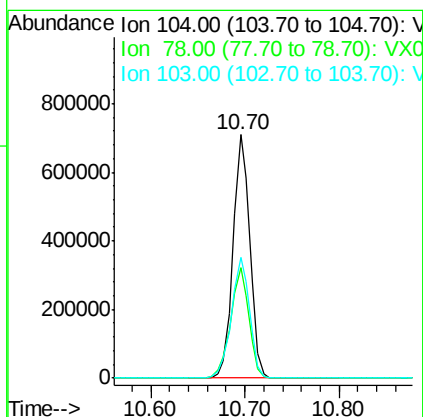
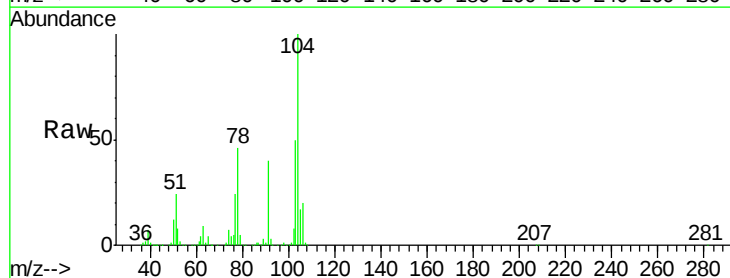
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

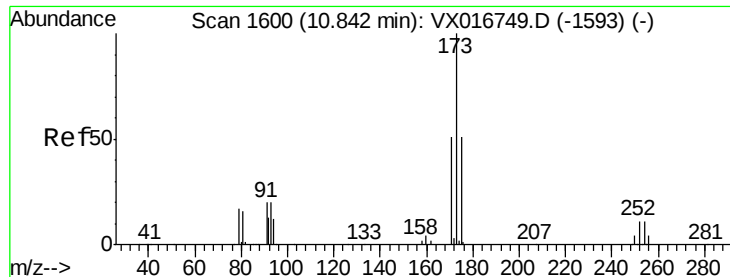
Tgt Ion:106 Resp: 494078
Ion Ratio Lower Upper
106 100
91 214.9 106.9 320.8



#70
Styrene
Concen: 108.128 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion:104 Resp: 877661
Ion Ratio Lower Upper
104 100
78 49.4 39.8 59.8
103 53.7 43.4 65.2





#71

Bromoform

Concen: 113.112 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

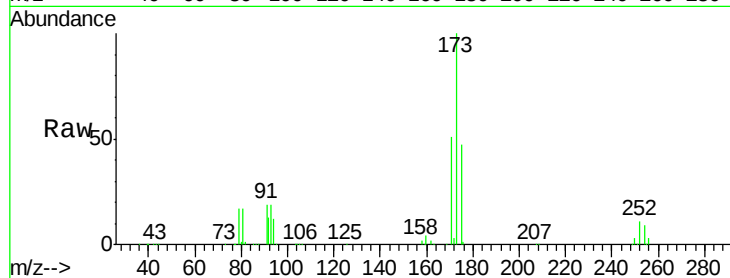
Tgt Ion:173 Resp: 271627

Ion Ratio Lower Upper

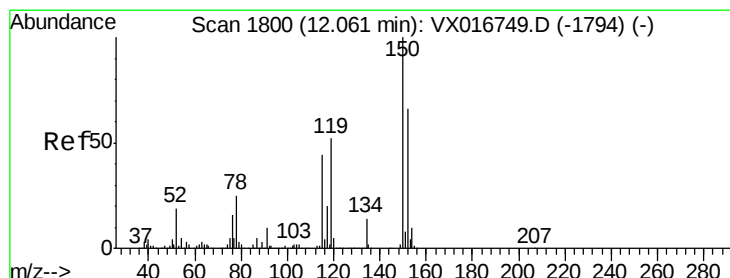
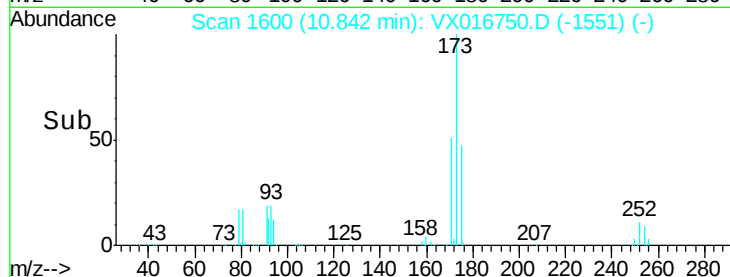
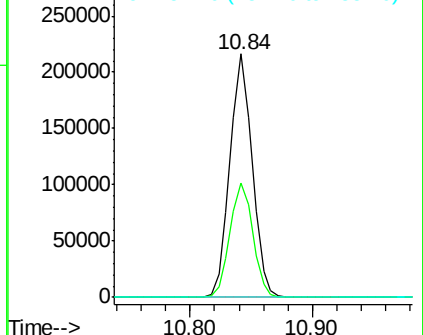
173 100

175 48.4 25.1 75.4

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

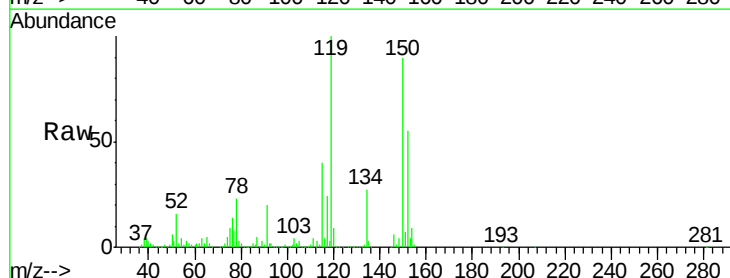
Tgt Ion:152 Resp: 188087

Ion Ratio Lower Upper

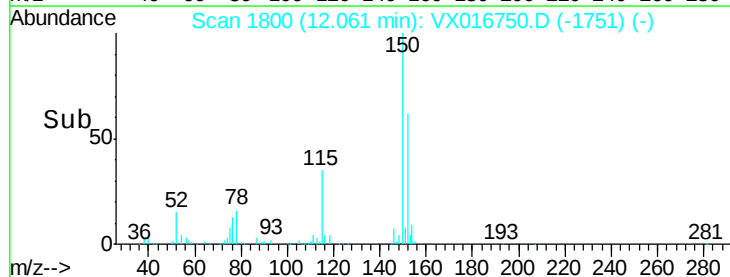
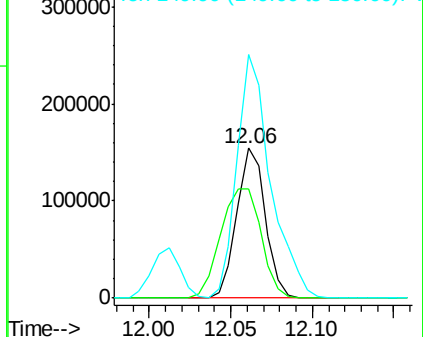
152 100

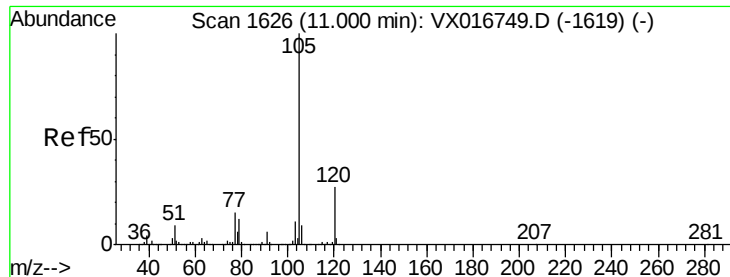
115 103.9 40.3 120.8

150 192.3 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: 102.605 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

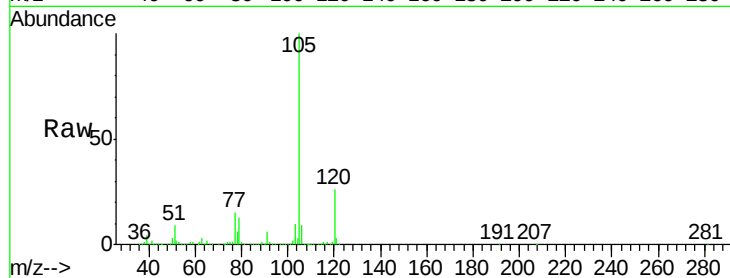
VSTDIC100

Tgt Ion: 105 Resp: 1323186

Ion Ratio Lower Upper

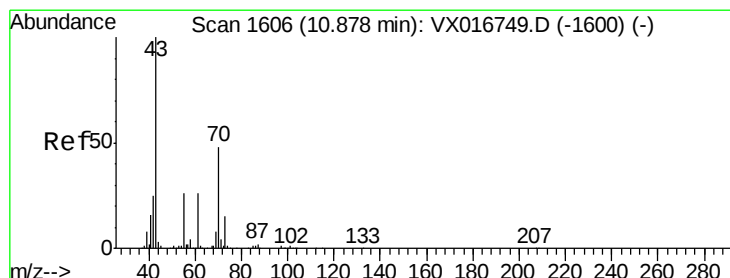
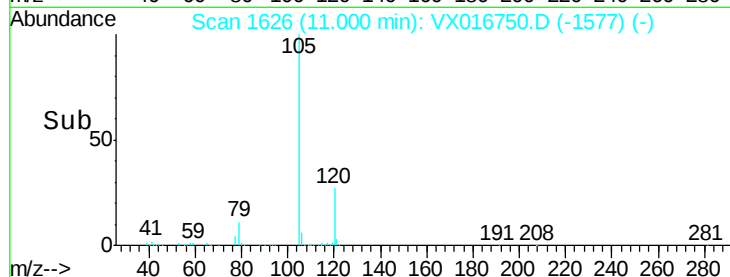
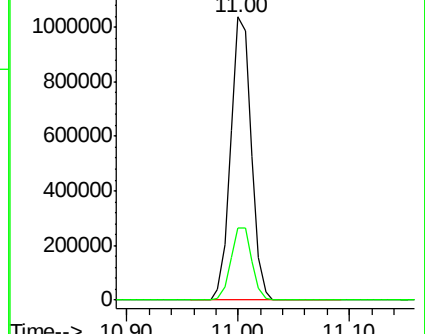
105 100

120 26.1 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: 91.166 ug/l

RT: 10.88 min Scan# 1607

Delta R.T. 0.01 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Tgt Ion: 43 Resp: 525509

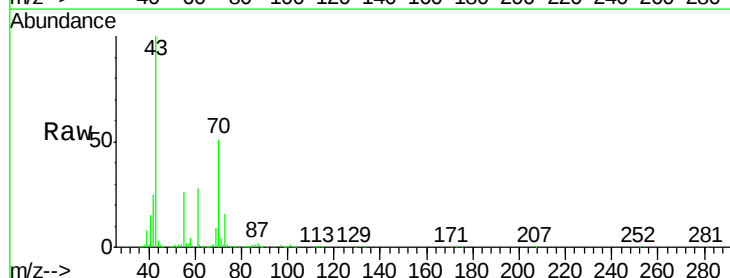
Ion Ratio Lower Upper

43 100

70 49.3 39.8 59.6

55 25.9 21.7 32.5

61 27.0 21.6 32.4

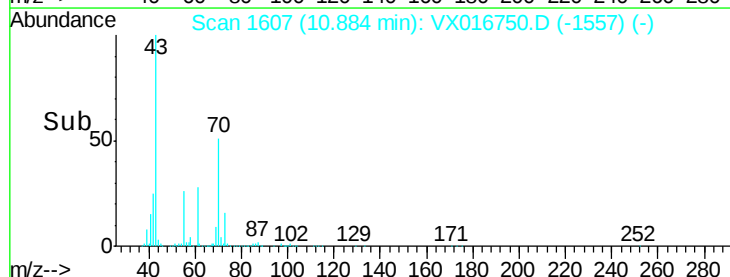
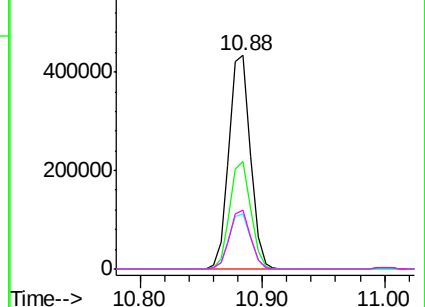


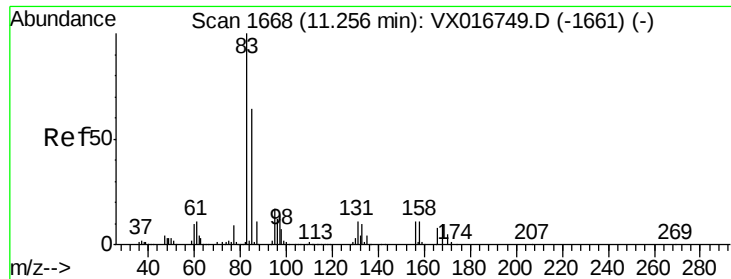
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 113.518 ug/l

RT: 11.26 min Scan# 1668

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

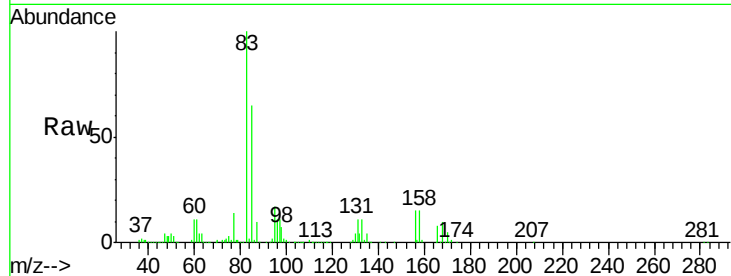
Tgt Ion: 83 Resp: 371118

Ion Ratio Lower Upper

83 100

131 11.2 5.7 17.0

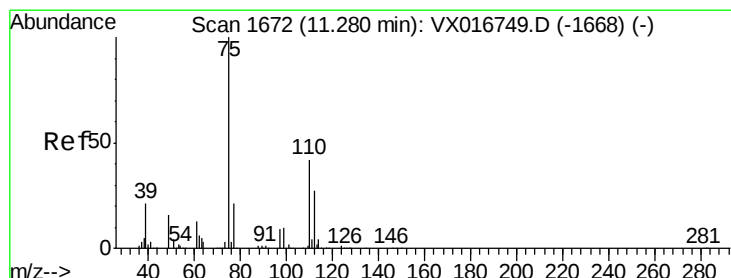
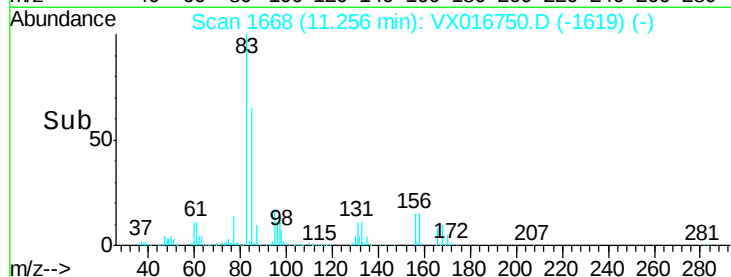
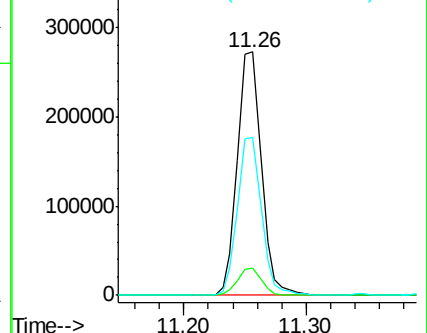
85 64.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 129.126 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016750.D

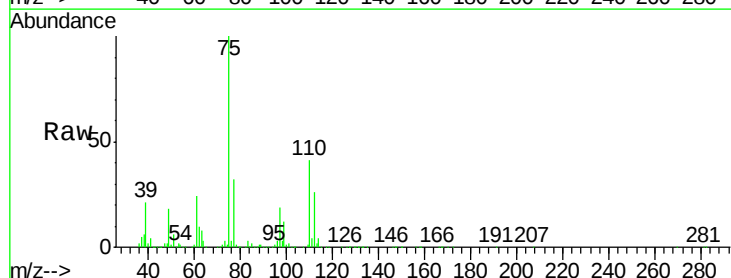
Acq: 15 Jun 2020 12:40

Tgt Ion: 75 Resp: 524067

Ion Ratio Lower Upper

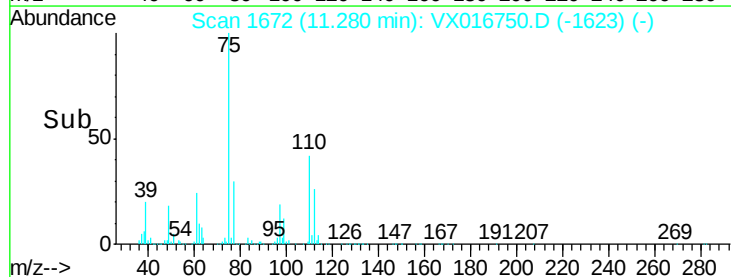
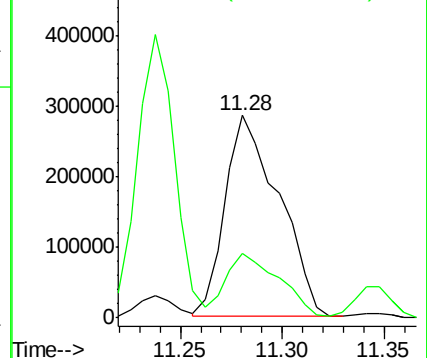
75 100

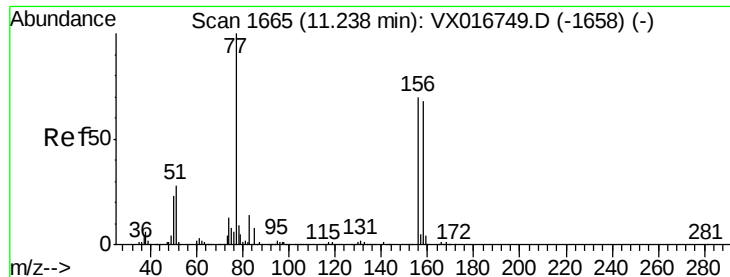
77 32.1 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 102.936 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

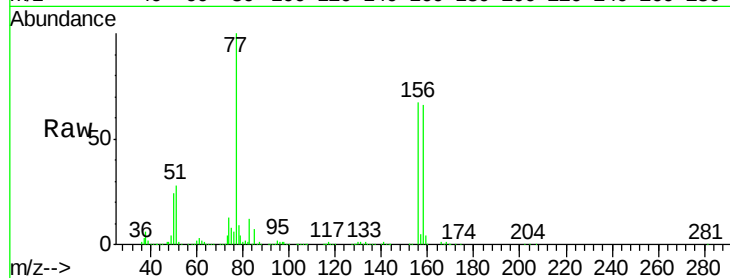
Tgt Ion:156 Resp: 350703

Ion Ratio Lower Upper

156 100

77 146.7 73.2 219.6

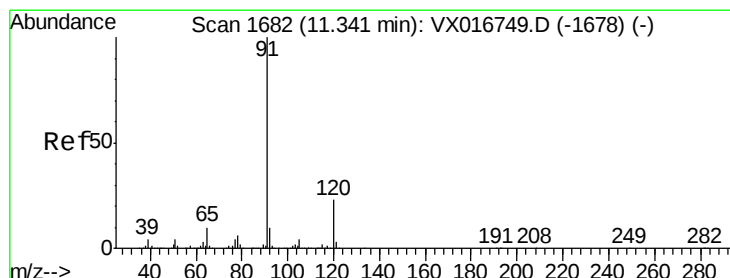
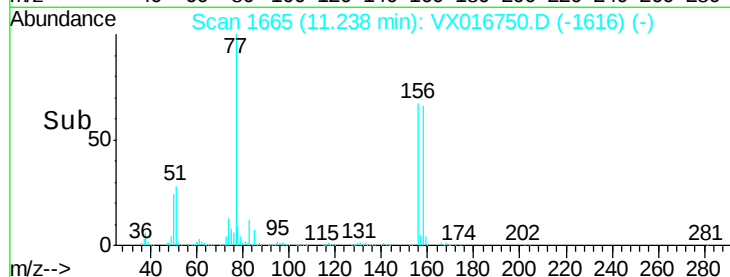
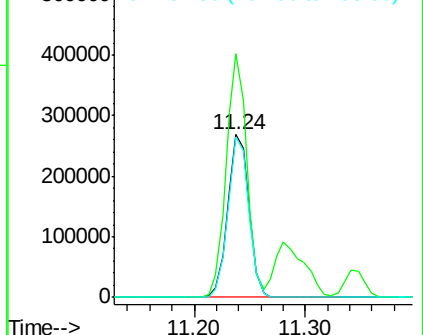
158 97.5 48.8 146.4



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: 102.311 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX016750.D

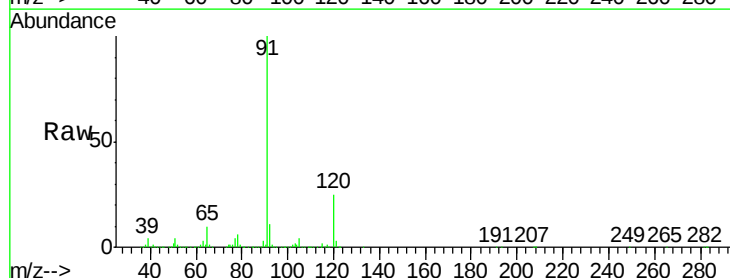
Acq: 15 Jun 2020 12:40

Tgt Ion: 91 Resp: 1467620

Ion Ratio Lower Upper

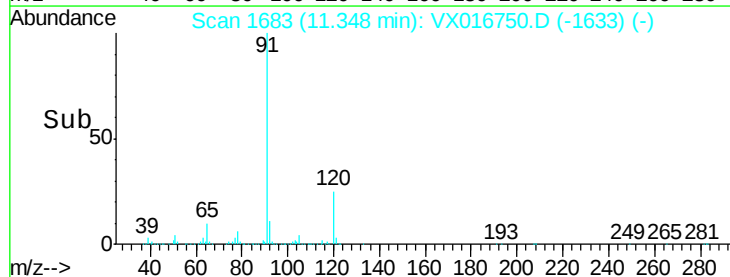
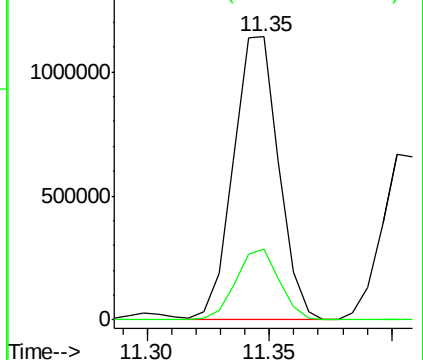
91 100

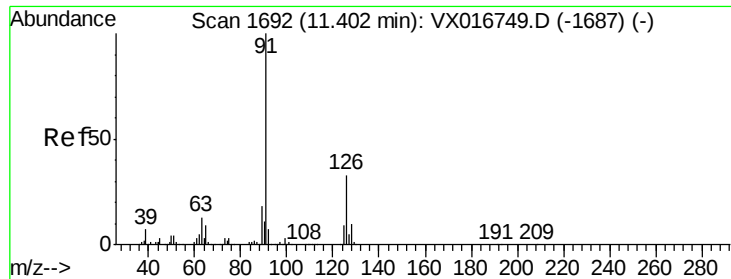
120 23.9 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 100.860 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

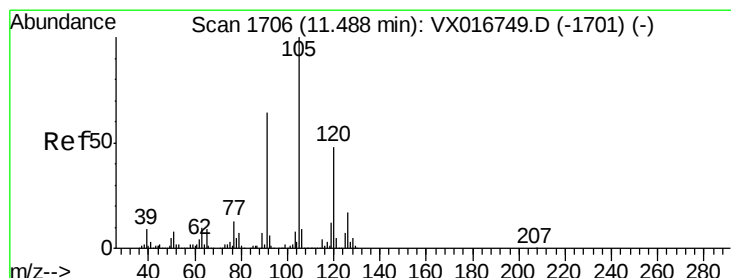
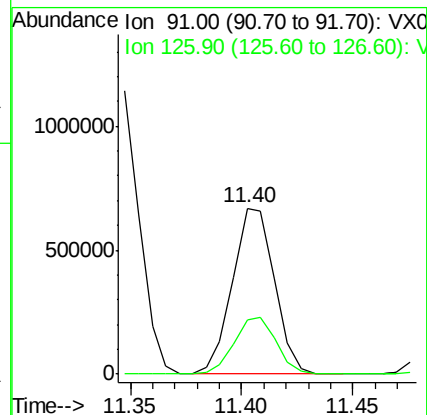
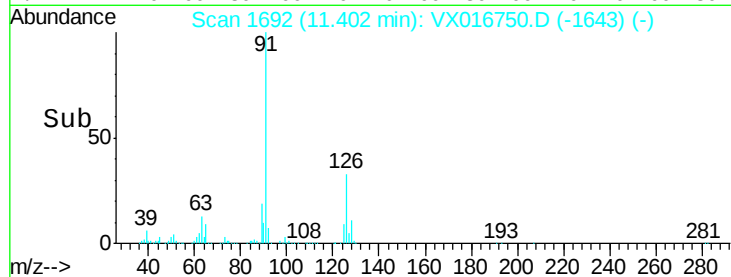
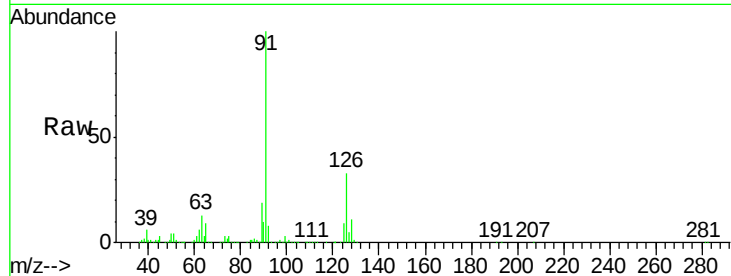
VSTDIC100

Tgt Ion: 91 Resp: 884162

Ion Ratio Lower Upper

91 100

126 34.0 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 103.800 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX016750.D

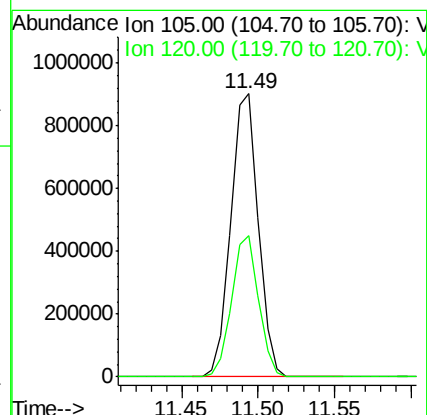
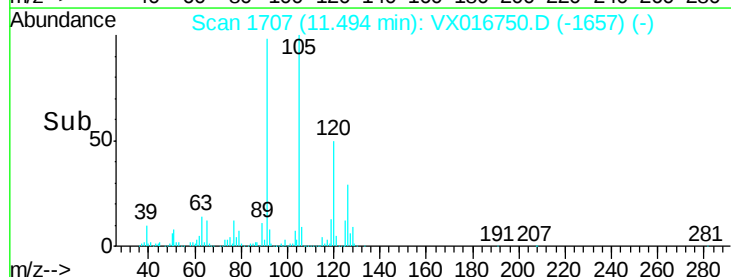
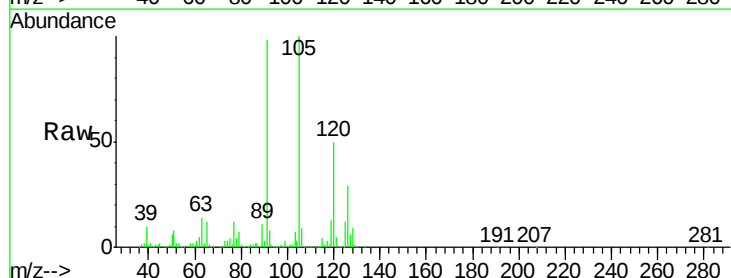
Acq: 15 Jun 2020 12:40

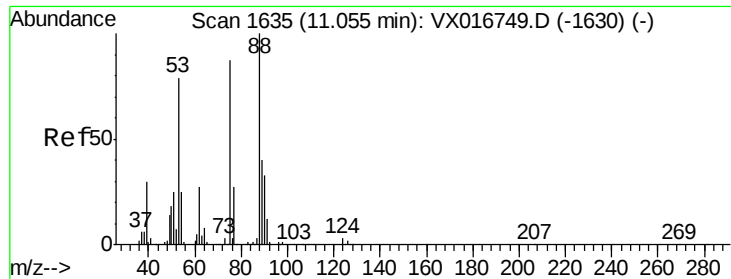
Tgt Ion: 105 Resp: 1116997

Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 99.699 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

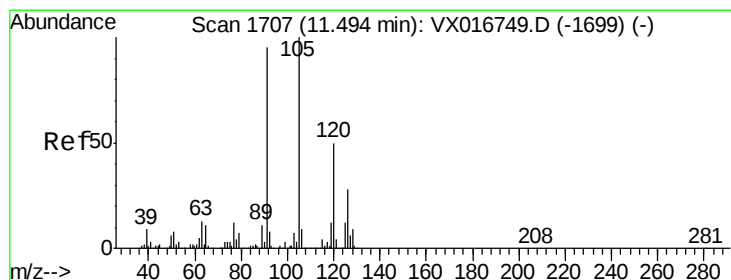
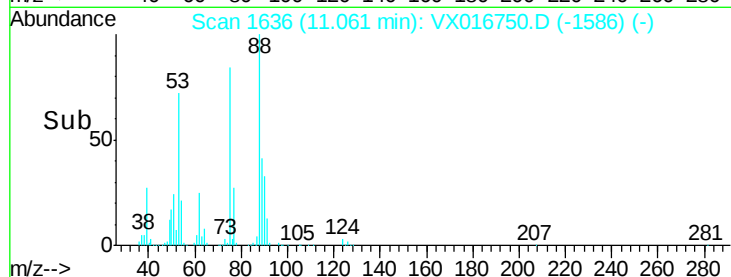
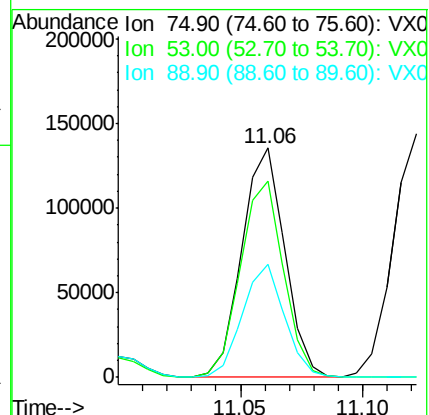
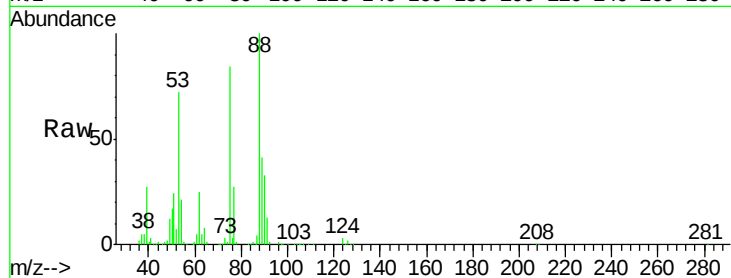
Tgt Ion: 75 Resp: 164138

Ion Ratio Lower Upper

75 100

53 86.5 71.4 107.0

89 48.8 39.1 58.7



#82

4-Chlorotoluene

Concen: 102.292 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX016750.D

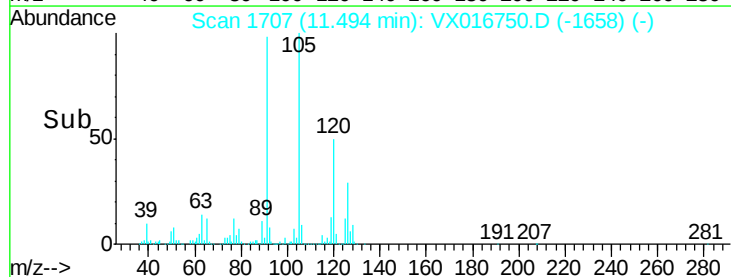
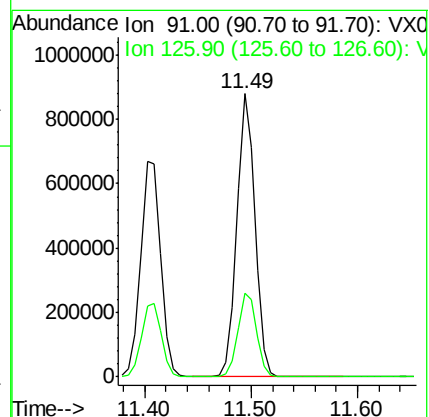
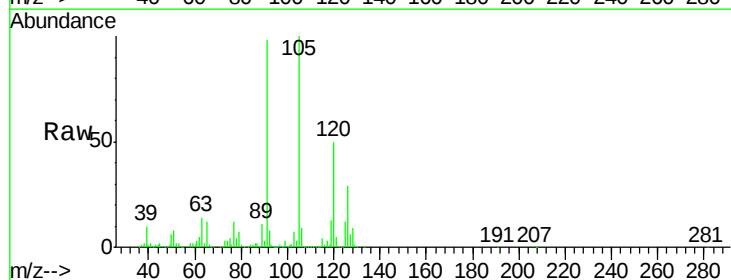
Acq: 15 Jun 2020 12:40

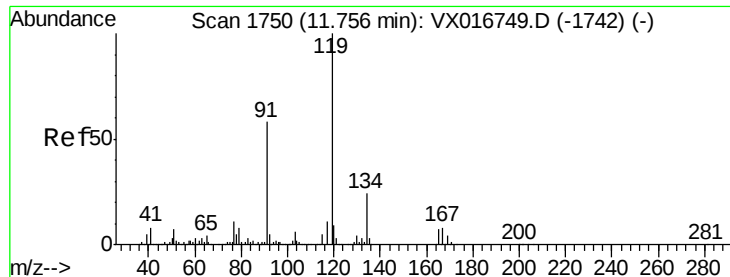
Tgt Ion: 91 Resp: 1055927

Ion Ratio Lower Upper

91 100

126 30.2 15.2 45.6

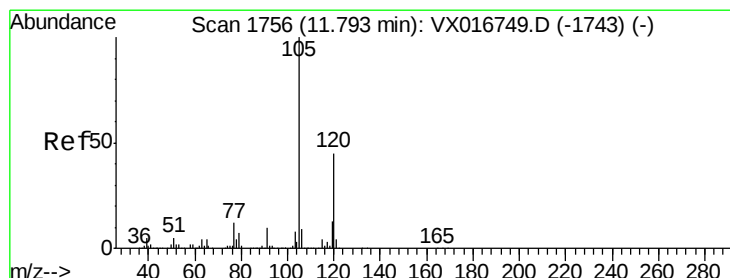
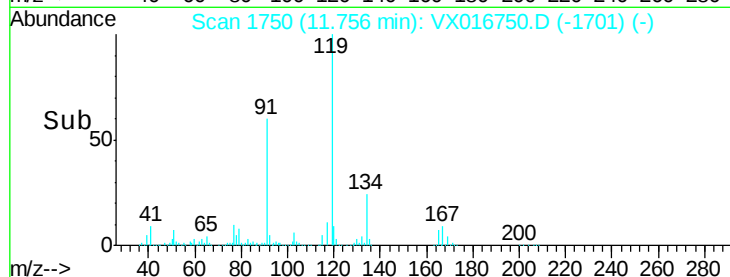
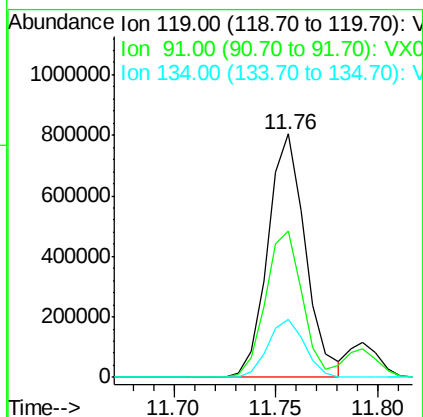
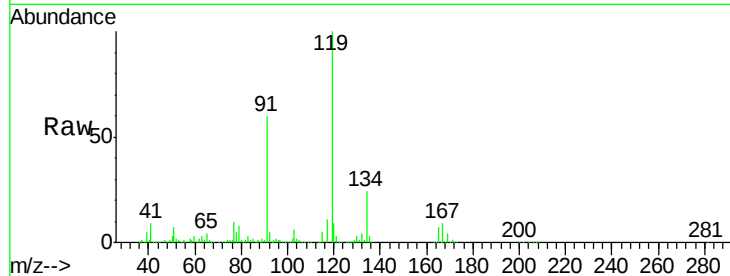




#83
 tert-Butylbenzene
 Concen: 111.271 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

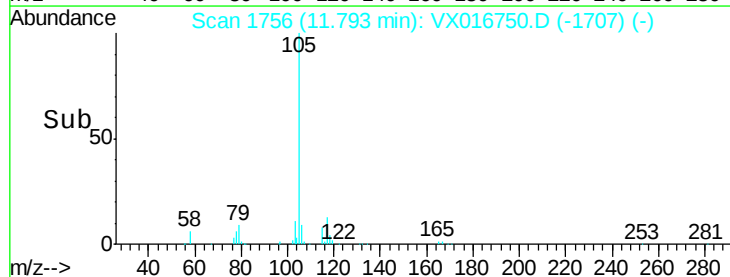
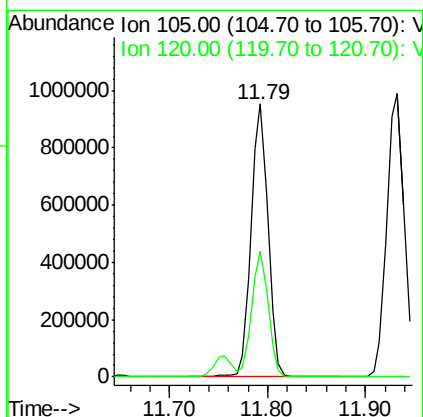
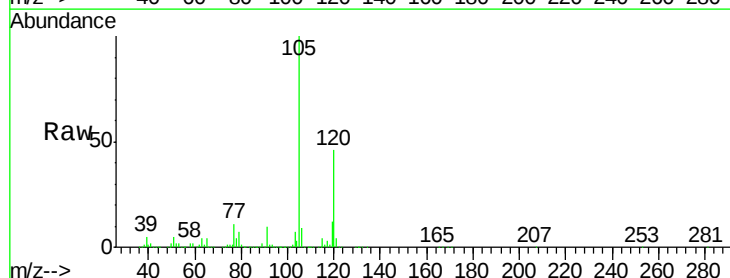
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

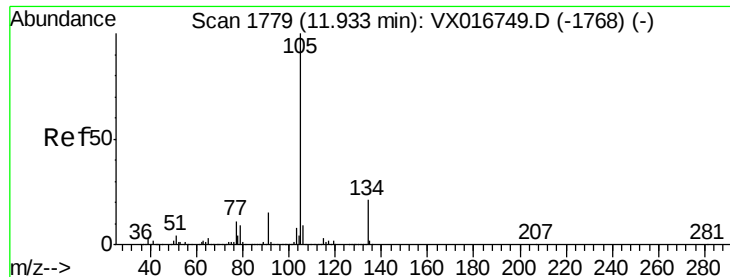
Tgt Ion:119 Resp: 1033565
 Ion Ratio Lower Upper
 119 100
 91 58.4 29.3 88.0
 134 23.4 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 104.821 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion:105 Resp: 1140325
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.6 67.8





#85

sec-Butylbenzene

Concen: 105.352 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampled :

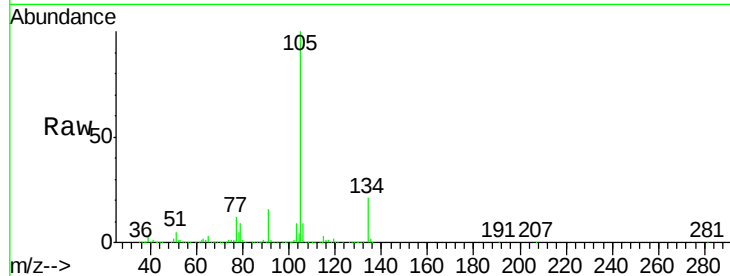
VSTDIC100

Tgt Ion:105 Resp: 1219931

Ion Ratio Lower Upper

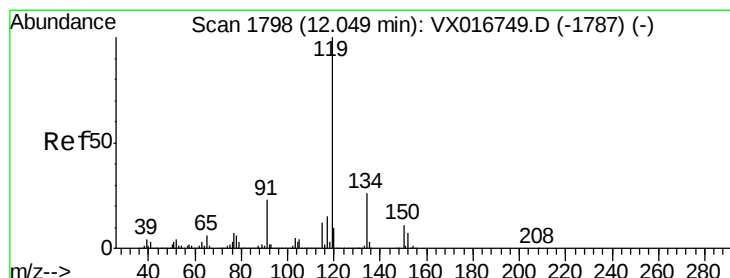
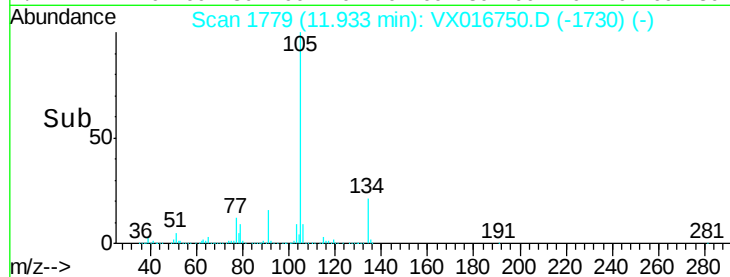
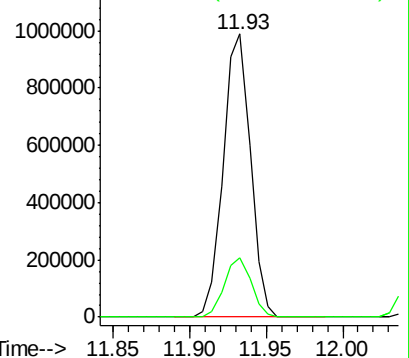
105 100

134 20.7 10.3 30.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 109.487 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

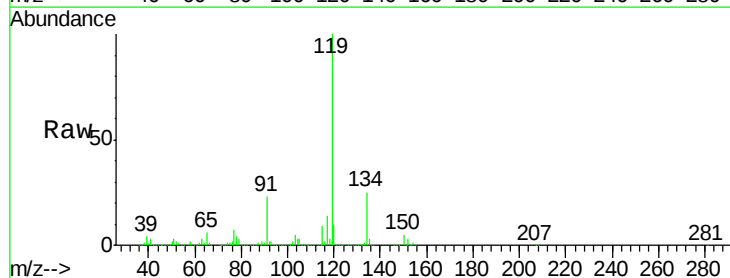
Tgt Ion:119 Resp: 1190311

Ion Ratio Lower Upper

119 100

134 25.5 13.0 38.9

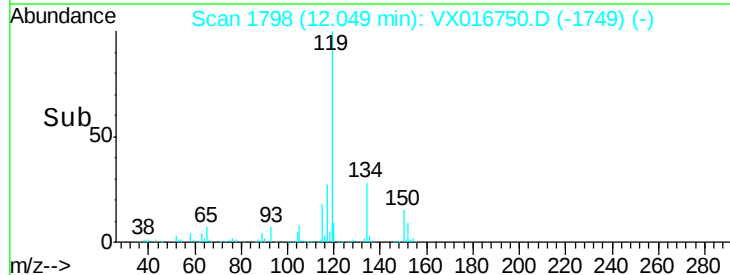
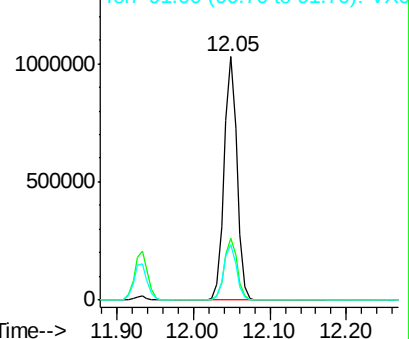
91 22.7 11.6 34.7

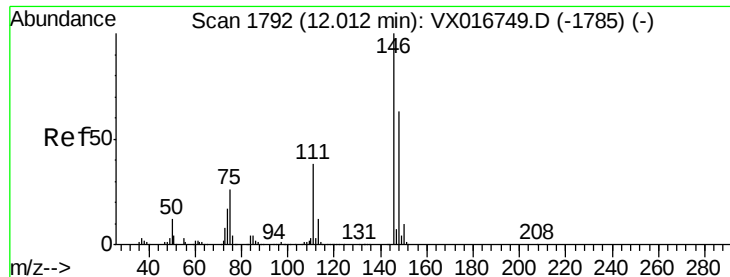


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

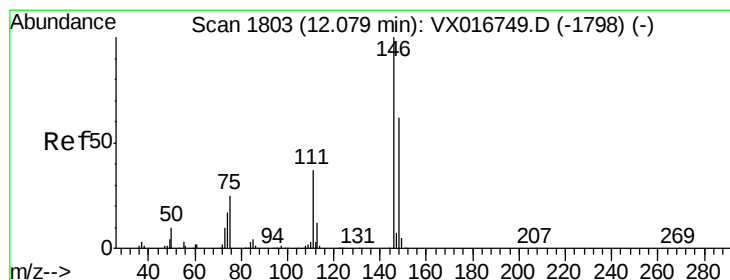
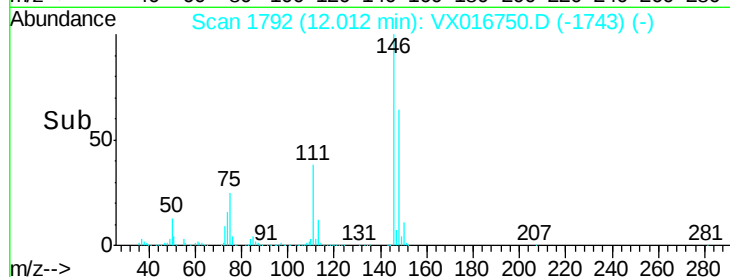
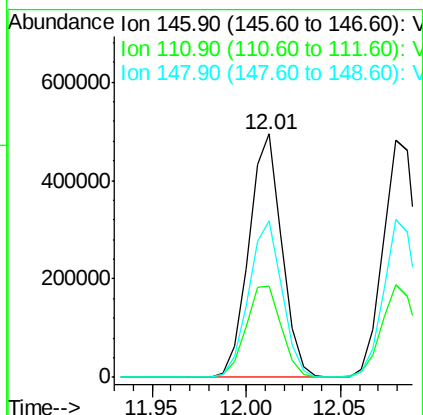
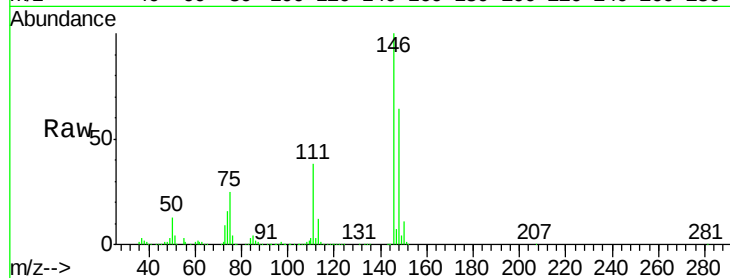




#87
 1,3-Dichlorobenzene
 Concen: 101.676 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

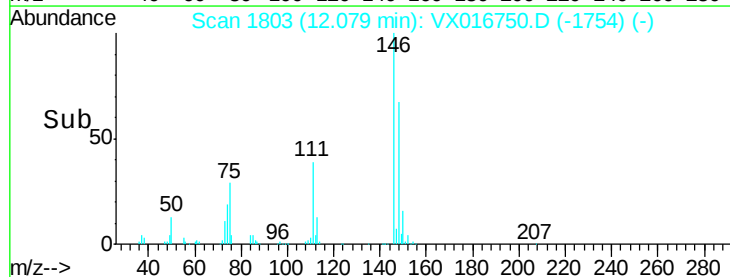
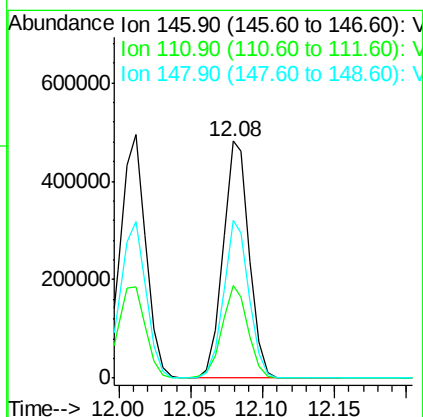
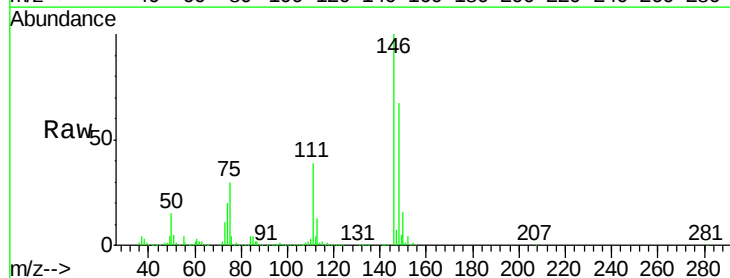
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

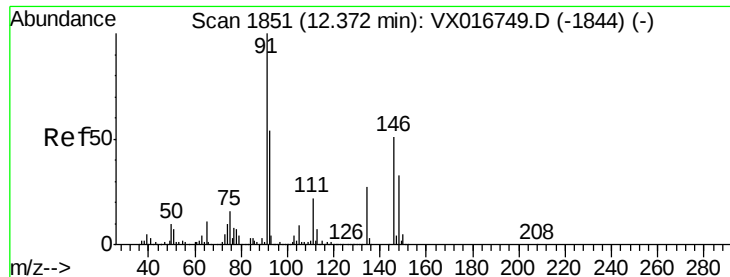
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.4	19.8	59.3
148	65.0	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 101.827 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	19.3	57.8
148	65.0	32.1	96.5





#89

n-Butylbenzene

Concen: 108.560 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. 0.00 min

Lab File: VX016750.D

Acq: 15 Jun 2020 12:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

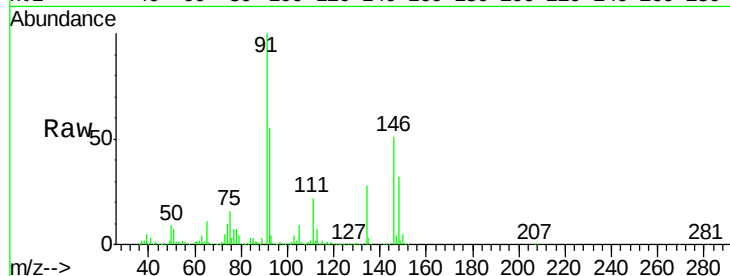
Tgt Ion: 91 Resp: 979238

Ion Ratio Lower Upper

91 100

92 55.3 27.0 80.8

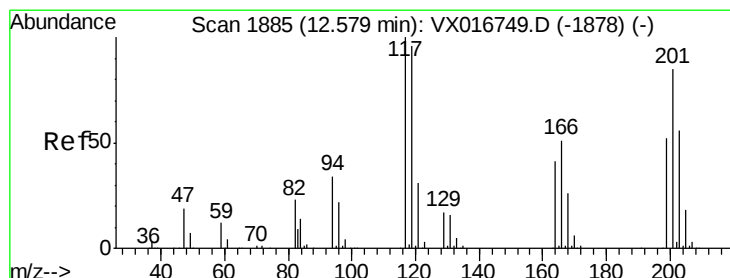
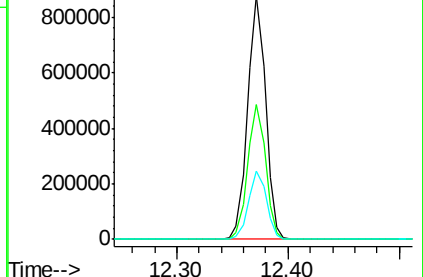
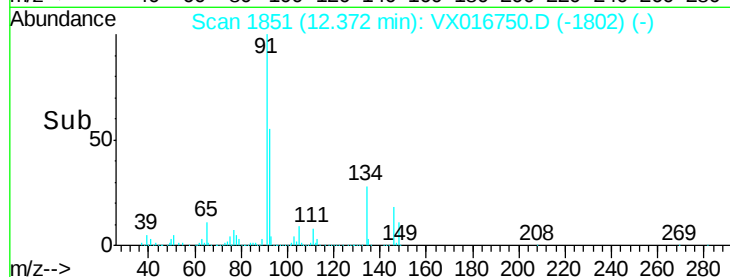
134 27.9 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VX016750.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX016750.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX016750.D (-1802) (-)



#90

Hexachloroethane

Concen: 111.711 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX016750.D

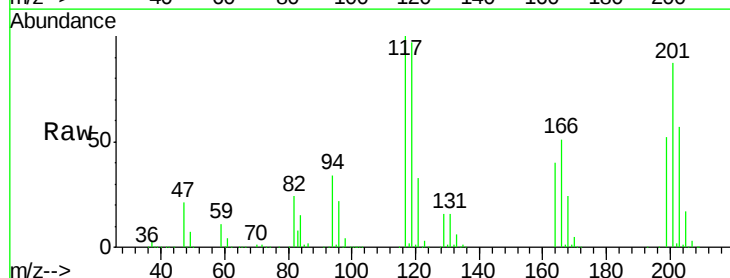
Acq: 15 Jun 2020 12:40

Tgt Ion: 117 Resp: 210479

Ion Ratio Lower Upper

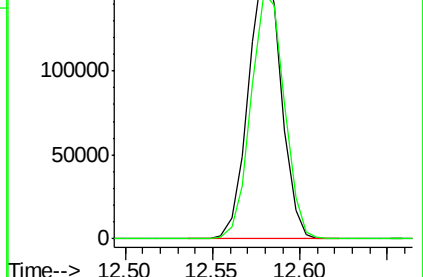
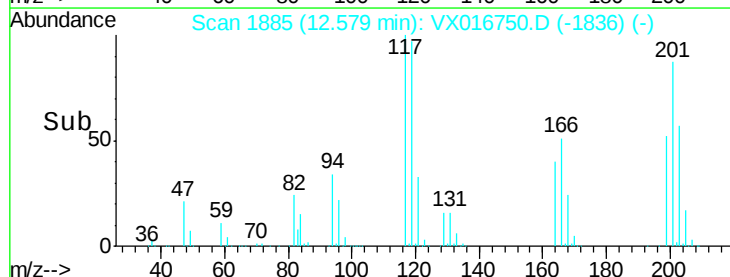
117 100

201 91.9 45.6 136.9



Abundance Ion 116.80 (116.50 to 117.50): VX016750.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX016750.D (-1836) (-)

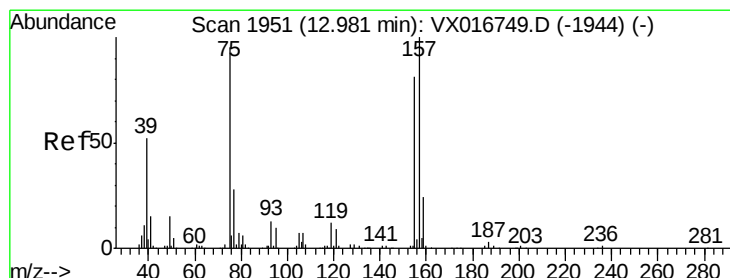
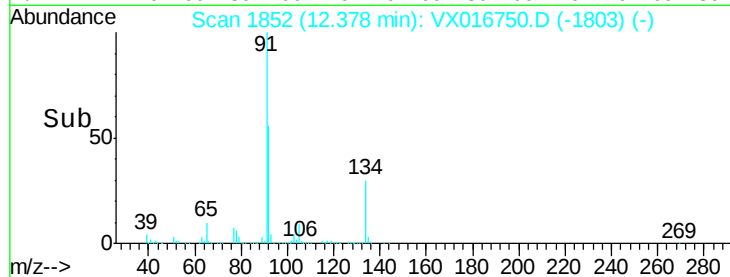
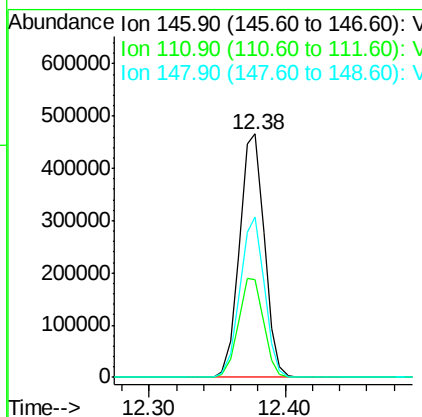
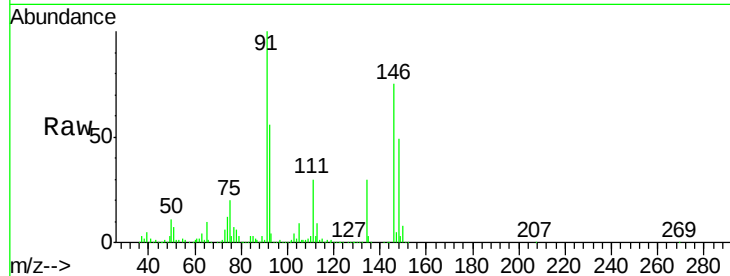




#91
 1,2-Dichlorobenzene
 Concen: 103.752 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

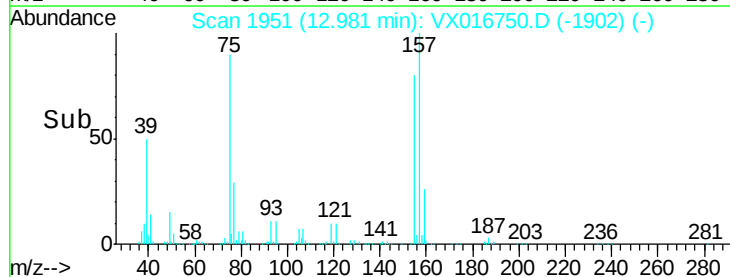
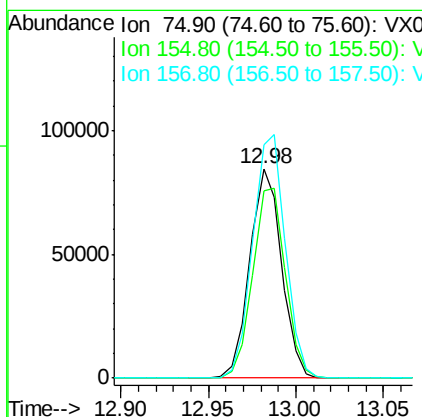
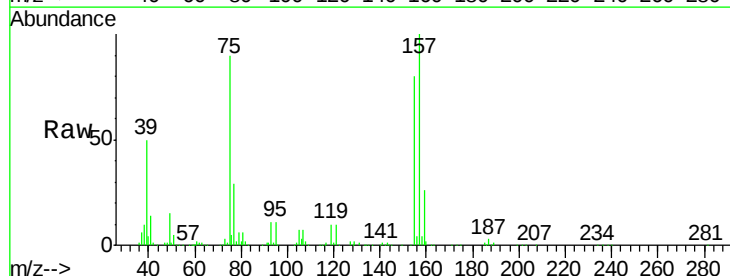
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

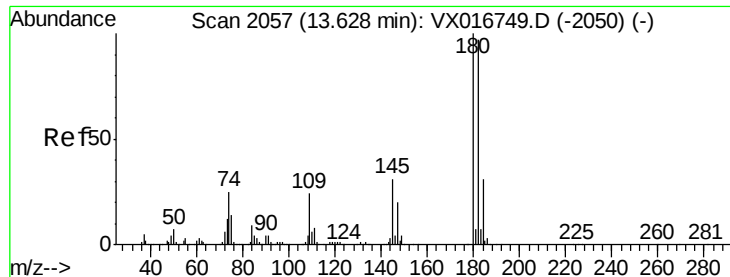
Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.8	62.2
148	64.5	32.1	96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 102.587 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.6	46.9	140.7
157	119.3	59.6	178.7

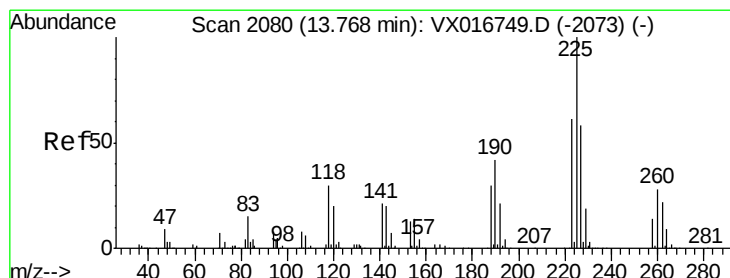
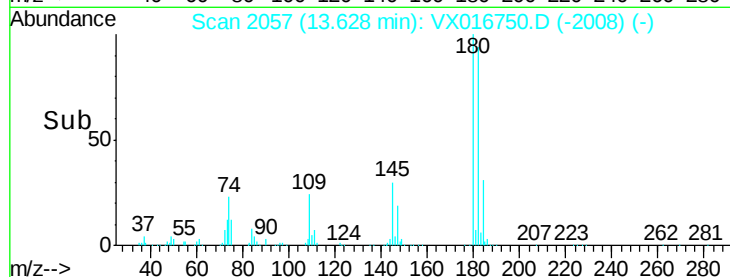
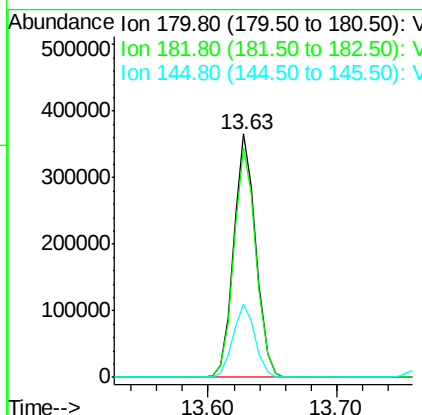
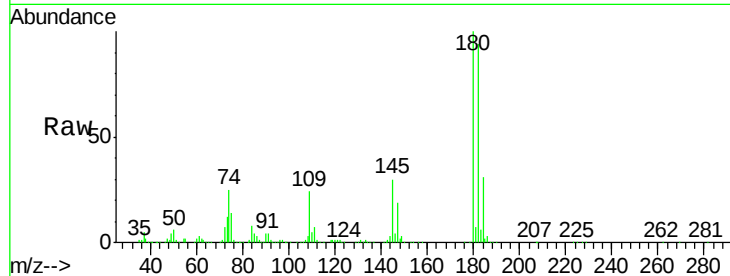




#93
 1,2,4-Trichlorobenzene
 Concen: 114.362 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

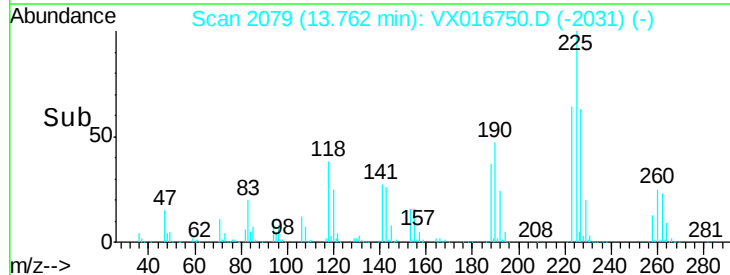
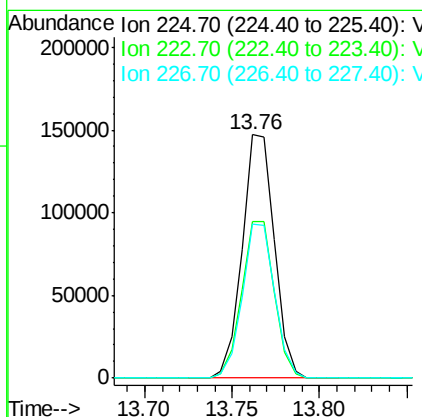
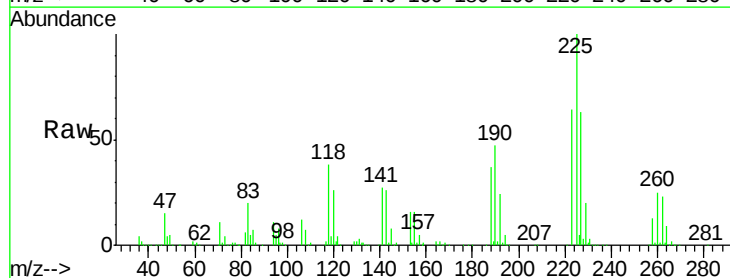
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

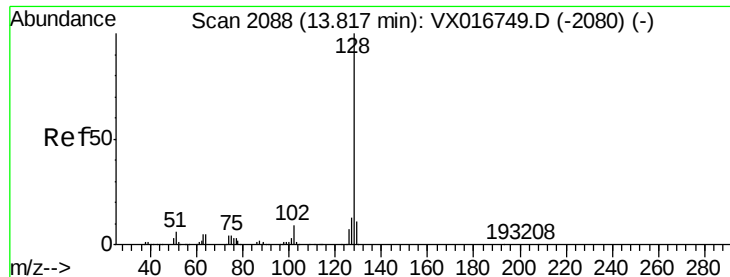
Tgt Ion:180 Resp: 435715
 Ion Ratio Lower Upper
 180 100
 182 94.8 48.6 145.8
 145 30.3 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 121.277 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016750.D
 Acq: 15 Jun 2020 12:40

Tgt Ion:225 Resp: 187914
 Ion Ratio Lower Upper
 225 100
 223 65.0 31.1 93.5
 227 63.3 30.9 92.7

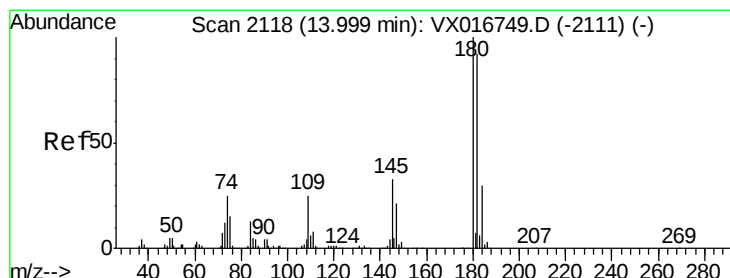
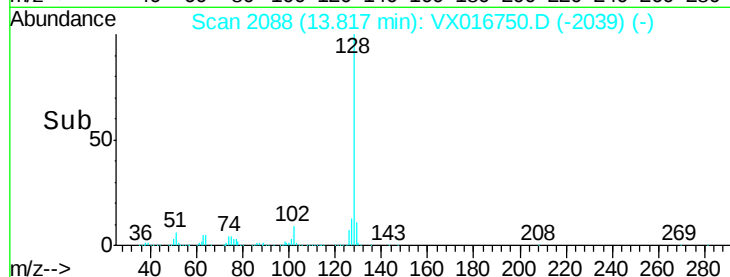
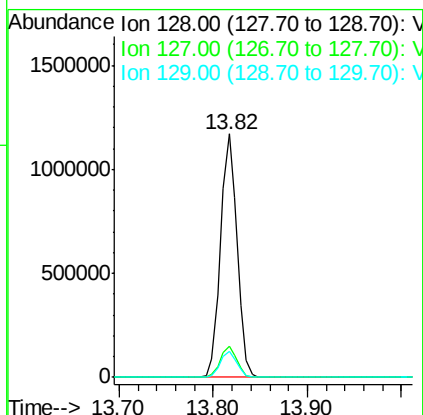
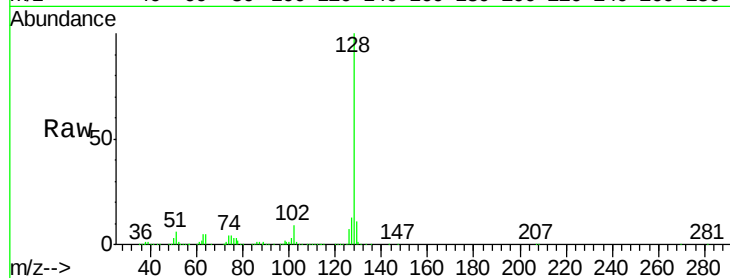




#95
Naphthalene
Concen: 109.660 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Tgt Ion:128 Resp: 1421616
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 10.7 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 114.624 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. 0.00 min
Lab File: VX016750.D
Acq: 15 Jun 2020 12:40

Tgt Ion:180 Resp: 431408
Ion Ratio Lower Upper
180 100
182 93.8 47.1 141.4
145 31.8 15.9 47.7

