

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061520\
 Data File : VX016746.D
 Acq On : 15 Jun 2020 11:10
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 15 12:46:17 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	5.62	168	293799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	429434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	393907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186123	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	5707	1.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.20%	
35) Dibromofluoromethane	5.46	113	4374	1.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.32%	
50) Toluene-d8	8.70	98	13500	1.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.66%	
62) 4-Bromofluorobenzene	11.12	95	4508	1.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	2702	0.919	ug/l	94
3) Chloromethane	1.31	50	3387	0.987	ug/l	93
4) Vinyl Chloride	1.39	62	3465	0.950	ug/l	99
5) Bromomethane	1.63	94	3122	1.695	ug/l	96
6) Chloroethane	1.71	64	2115	0.991	ug/l	98
7) Trichlorofluoromethane	1.92	101	5505	1.129	ug/l	94
8) Diethyl Ether	2.17	74	2035	1.019	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2767	1.046	ug/l	93
10) Methyl Iodide	2.49	142	2801	0.970	ug/l	94
11) Tert butyl alcohol	3.00	59	3798	4.220	ug/l	98
12) 1,1-Dichloroethene	2.36	96	3305	1.178	ug/l	88
13) Acrolein	2.27	56	2086	5.384	ug/l	95
14) Allyl chloride	2.71	41	4565	0.910	ug/l	97
15) Acrylonitrile	3.11	53	8113	4.386	ug/l	97
16) Acetone	2.42	43	8499	5.495	ug/l	94
17) Carbon Disulfide	2.55	76	10018	1.211	ug/l	96
18) Methyl Acetate	2.75	43	3689	0.913	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	9340	0.939	ug/l	91
20) Methylene Chloride	2.82	84	3408	1.048	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	3347	1.084	ug/l	96
22) Diisopropyl ether	3.82	45	7581	0.790	ug/l #	87
23) Vinyl Acetate	3.78	43	33310	3.994	ug/l	100
24) 1,1-Dichloroethane	3.67	63	5377	0.977	ug/l #	94
25) 2-Butanone	4.63	43	10374	4.004	ug/l	99
26) 2,2-Dichloropropane	4.55	77	5057	1.090	ug/l	94
27) cis-1,2-Dichloroethene	4.56	96	3796	1.068	ug/l	94
28) Bromochloromethane	4.98	49	2177	0.857	ug/l #	98
29) Tetrahydrofuran	5.09	42	6808	4.074	ug/l	97
30) Chloroform	5.17	83	5556	0.994	ug/l #	83
31) Cyclohexane	5.55	56	3761	0.768	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	4830	0.948	ug/l #	46
36) 1,1-Dichloropropene	5.77	75	4162	1.035	ug/l	98
37) Ethyl Acetate	4.79	43	4278	0.907	ug/l #	94
38) Carbon Tetrachloride	5.75	117	4647	1.085	ug/l	90

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	4402	1.004	ug/l	93
40) Benzene	6.11	78	11724	0.981	ug/l	98
41) Methacrylonitrile	5.00	41	2312	0.892	ug/l #	91
42) 1,2-Dichloroethane	6.16	62	4307	1.012	ug/l	96
43) Isopropyl Acetate	6.40	43	6377	0.864	ug/l	97
44) Trichloroethene	7.19	130	3753	0.989	ug/l	90
45) 1,2-Dichloropropane	7.49	63	2790	0.922	ug/l #	89
46) Dibromomethane	7.63	93	2201	1.072	ug/l	91
47) Bromodichloromethane	7.87	83	4513	1.061	ug/l #	83
48) Methyl methacrylate	7.74	41	2853	0.809	ug/l	97
49) 1,4-Dioxane	7.71	88	1541	18.513	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	18151	3.961	ug/l	98
52) Toluene	8.76	92	7412	0.979	ug/l	95
53) t-1,3-Dichloropropene	9.02	75	4639	0.959	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	4921	0.964	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	2865	0.950	ug/l	90
56) Ethyl methacrylate	9.16	69	3812	0.786	ug/l	93
57) 1,3-Dichloropropane	9.35	76	5173	1.007	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	8412	3.327	ug/l	100
59) 2-Hexanone	9.47	43	13279	3.731	ug/l	98
60) Dibromochloromethane	9.56	129	3333	0.974	ug/l	99
61) 1,2-Dibromoethane	9.65	107	3144	0.969	ug/l	93
64) Tetrachloroethene	9.32	164	4342	1.011	ug/l	96
65) Chlorobenzene	10.12	112	8282	1.040	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	3264	1.063	ug/l #	66
67) Ethyl Benzene	10.23	91	13677	0.970	ug/l	96
68) m/p-Xylenes	10.34	106	9837	1.872	ug/l	97
69) o-Xylene	10.68	106	4617	0.906	ug/l	94
70) Styrene	10.70	104	7559	0.865	ug/l	98
71) Bromoform	10.84	173	2546	0.985	ug/l #	98
73) Isopropylbenzene	11.00	105	12528	0.982	ug/l	99
74) N-amyl acetate	10.88	43	4158	0.729	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	3635	1.124	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	5425	1.351	ug/l	84
77) Bromobenzene	11.24	156	3650	1.083	ug/l	96
78) n-propylbenzene	11.34	91	13023	0.917	ug/l	99
79) 2-Chlorotoluene	11.40	91	8494	0.979	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	9630	0.904	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	1524	0.935	ug/l	94
82) 4-Chlorotoluene	11.49	91	9727	0.952	ug/l	100
83) tert-Butylbenzene	11.76	119	9257	1.007	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	9628	0.894	ug/l	98
85) sec-Butylbenzene	11.93	105	11011	0.961	ug/l	99
86) p-Isopropyltoluene	12.05	119	10394	0.966	ug/l	88
87) 1,3-Dichlorobenzene	12.01	146	5960	1.023	ug/l	94
88) 1,4-Dichlorobenzene	12.01	146	5960	1.000	ug/l	93
89) n-Butylbenzene	12.37	91	9158	1.026	ug/l	99
90) Hexachloroethane	12.58	117	2044	1.096	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	6439	1.139	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1052	1.021	ug/l	92

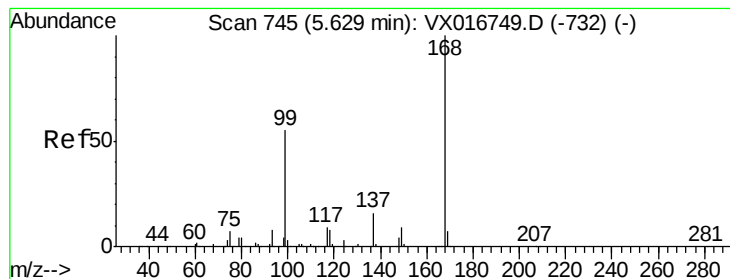
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX061520\
Data File : VX016746.D
Acq On : 15 Jun 2020 11:10
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MSVOA_X
ClientSampleId :
VSTDICC001

Quant Time: Jun 15 12:46:17 2020
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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	4766	1.264	ug/l	96
94) Hexachlorobutadiene	13.76	225	2701	1.762	ug/l	99
95) Naphthalene	13.82	128	12515	0.976	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	4545	1.220	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

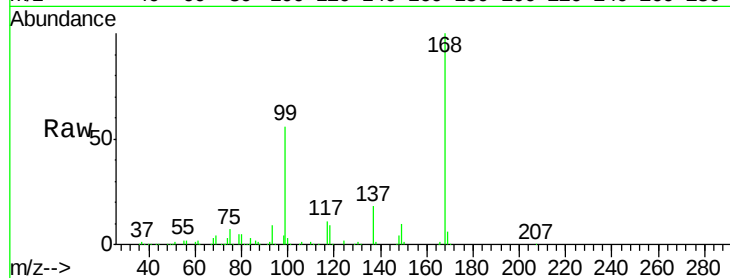
VSTDIC001

Tgt Ion:168 Resp: 293799

Ion Ratio Lower Upper

168 100

99 56.2 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

100000

80000

60000

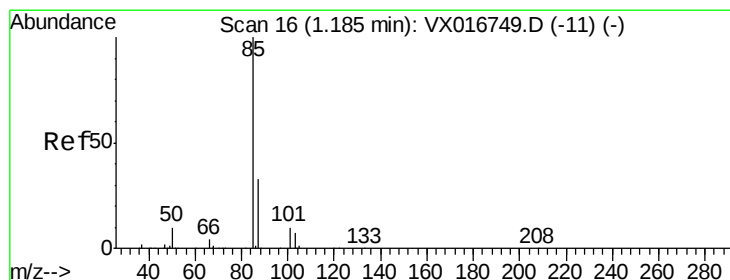
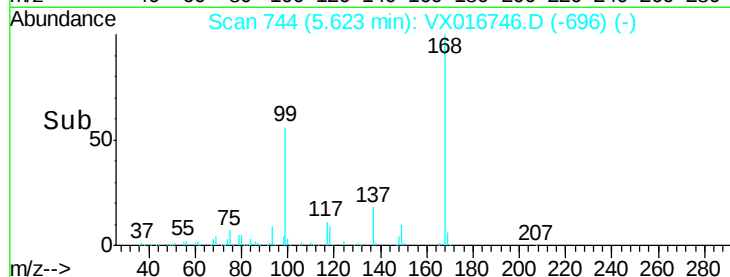
40000

20000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 0.919 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016746.D

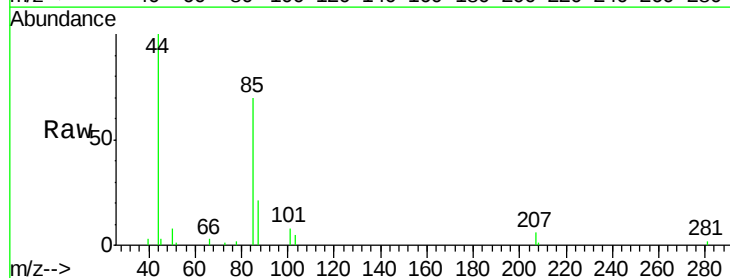
Acq: 15 Jun 2020 11:10

Tgt Ion: 85 Resp: 2702

Ion Ratio Lower Upper

85 100

87 29.4 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

3000

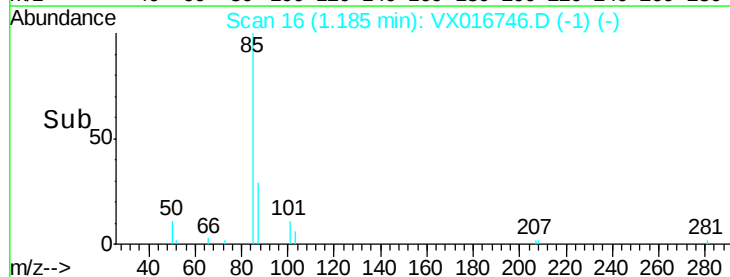
2000

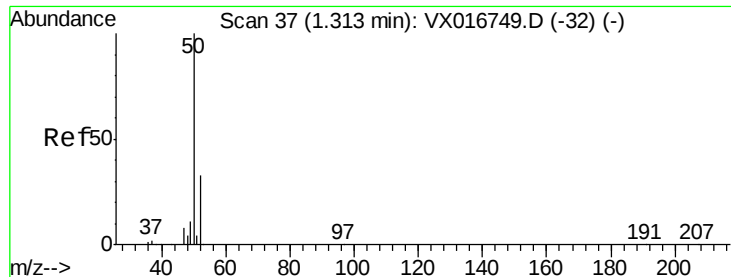
1000

0

Time-->

1.15 1.20





#3

Chloromethane

Concen: 0.987 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

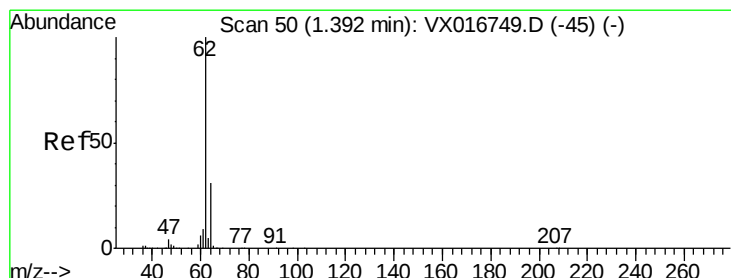
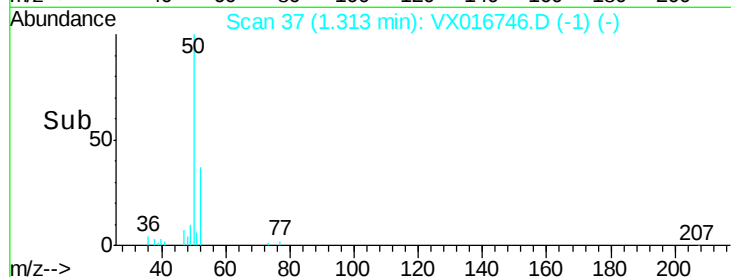
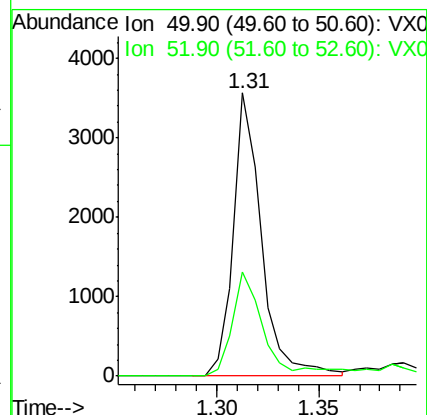
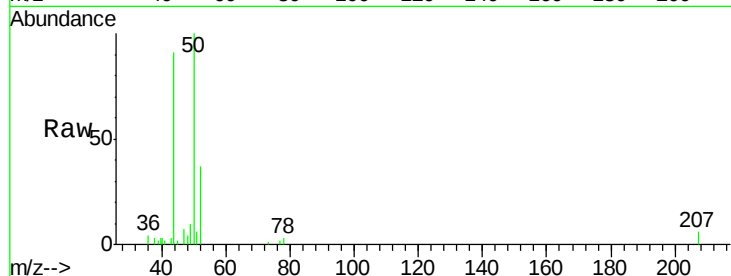
VSTDIC001

Tgt Ion: 50 Resp: 3387

Ion Ratio Lower Upper

50 100

52 37.0 26.5 39.7



#4

Vinyl Chloride

Concen: 0.950 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016746.D

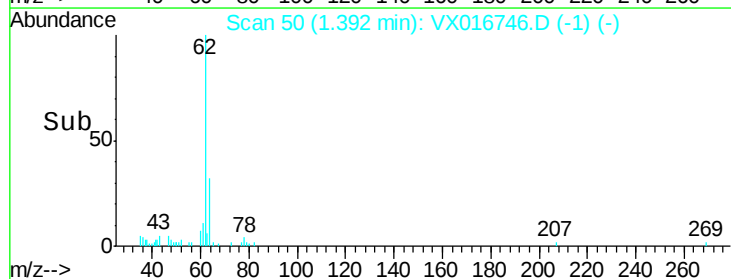
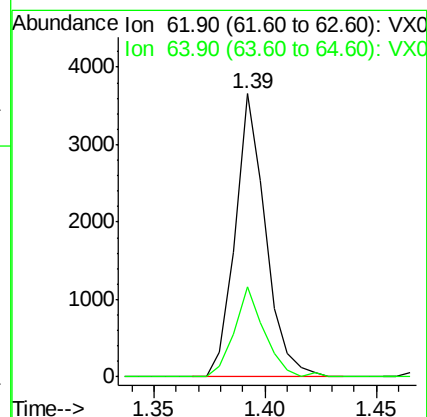
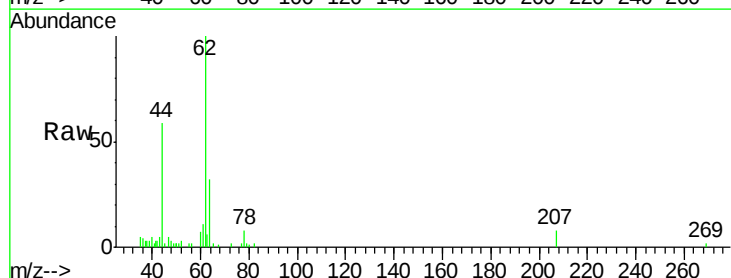
Acq: 15 Jun 2020 11:10

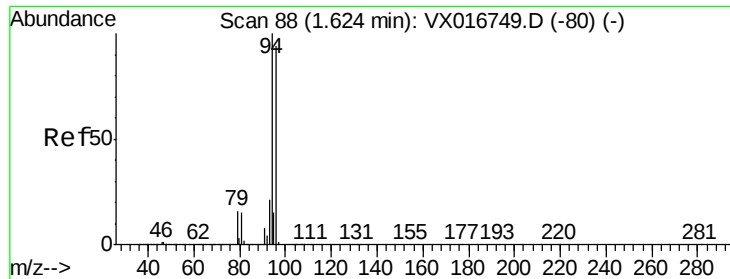
Tgt Ion: 62 Resp: 3465

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 1.695 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

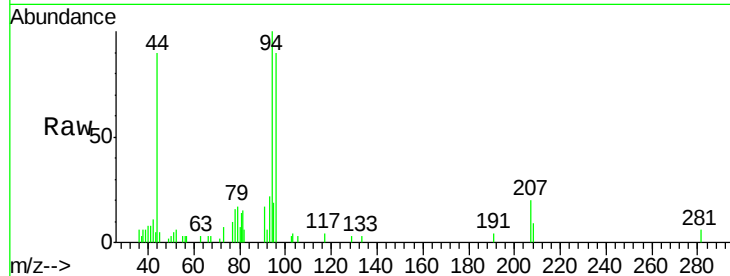
VSTDIC001

Tgt Ion: 94 Resp: 3122

Ion Ratio Lower Upper

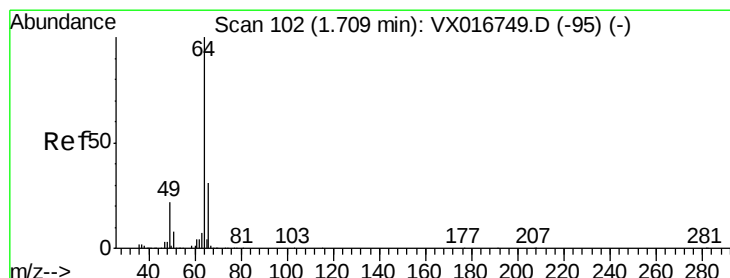
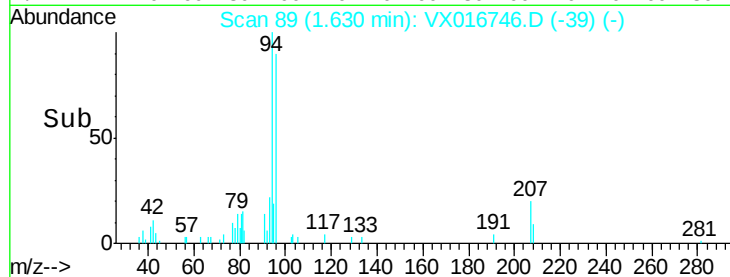
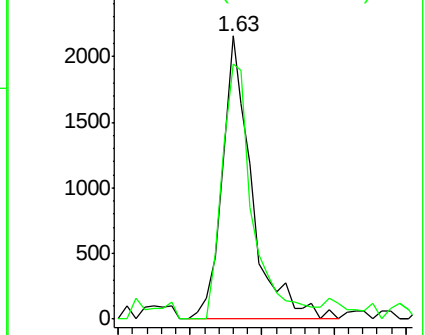
94 100

96 90.1 75.4 113.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.991 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX016746.D

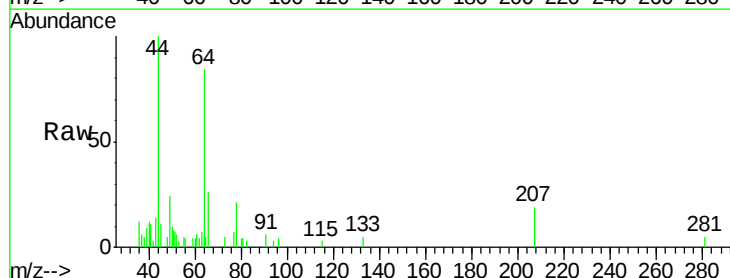
Acq: 15 Jun 2020 11:10

Tgt Ion: 64 Resp: 2115

Ion Ratio Lower Upper

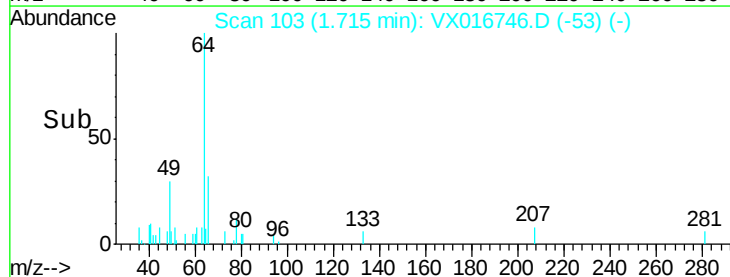
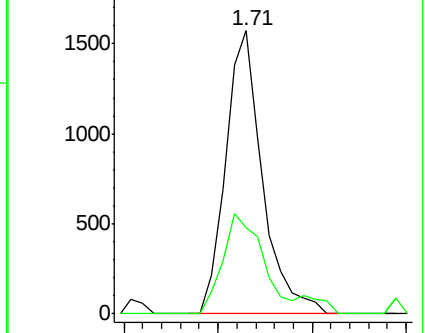
64 100

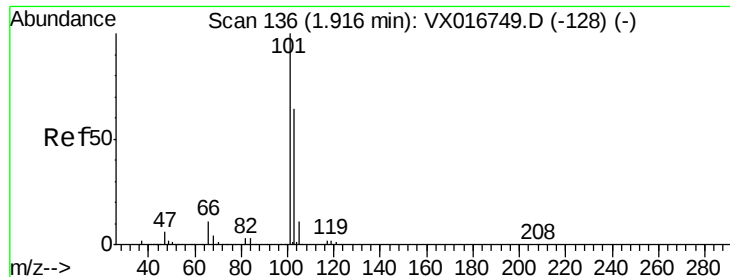
66 30.3 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



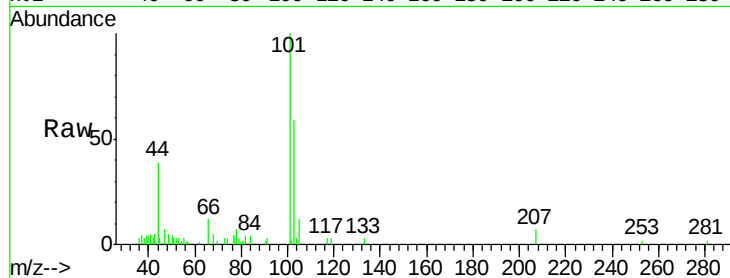


#7

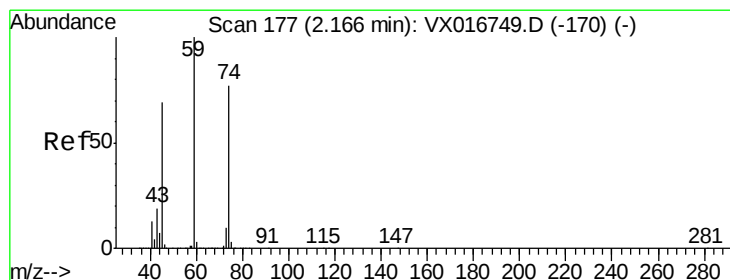
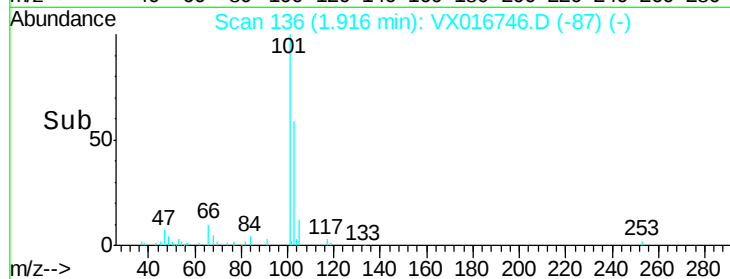
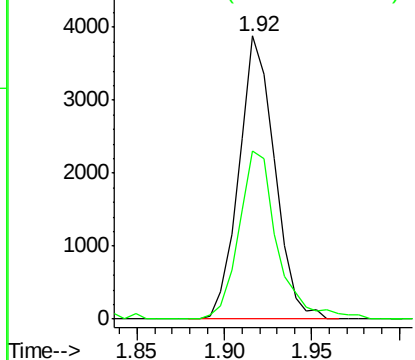
Trichlorofluoromethane
 Concen: 1.129 ug/l
 RT: 1.92 min Scan# 136
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion: 101 Resp: 5505
 Ion Ratio Lower Upper
 101 100
 103 59.2 51.3 76.9



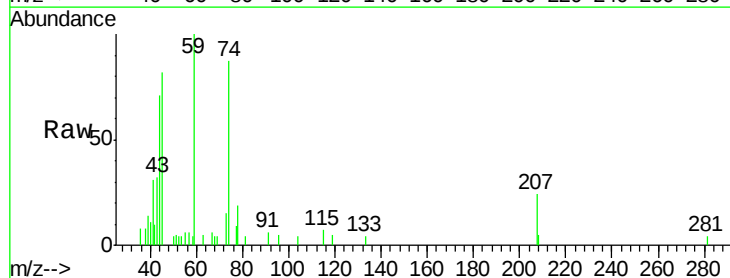
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



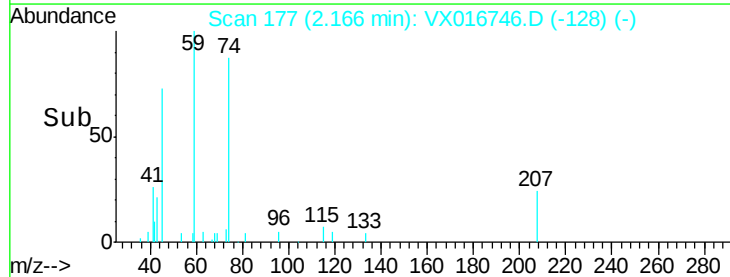
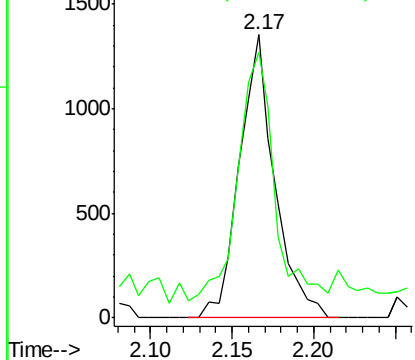
#8

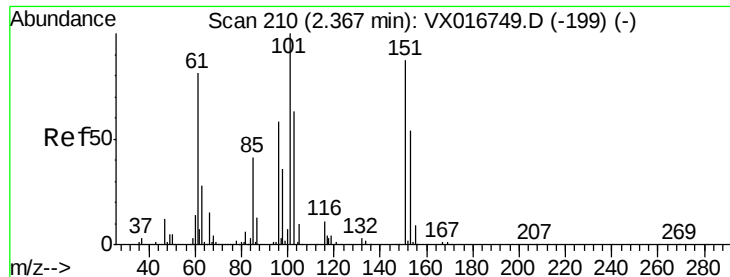
Diethyl Ether
 Concen: 1.019 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion: 74 Resp: 2035
 Ion Ratio Lower Upper
 74 100
 45 89.6 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: 1.046 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

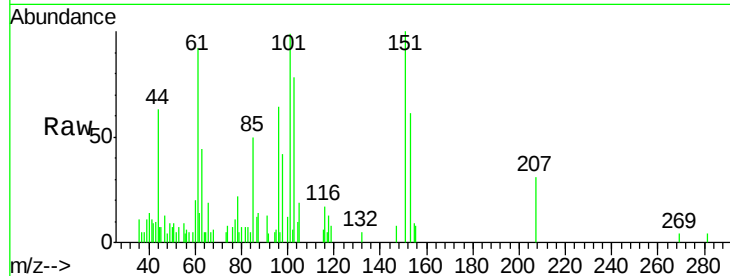
Tgt Ion:101 Resp: 2767

Ion Ratio Lower Upper

101 100

85 49.9 34.0 51.0

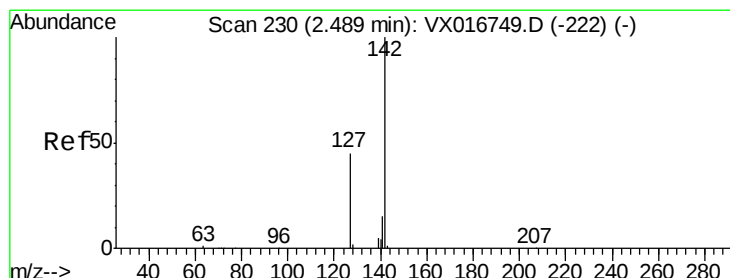
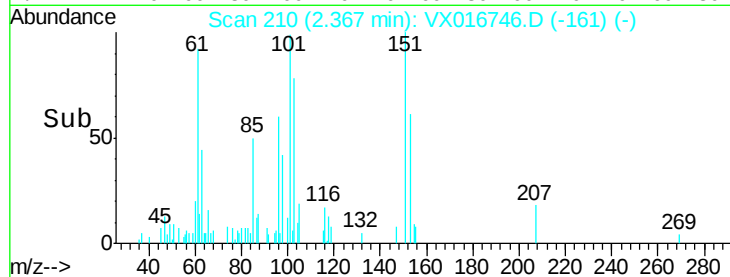
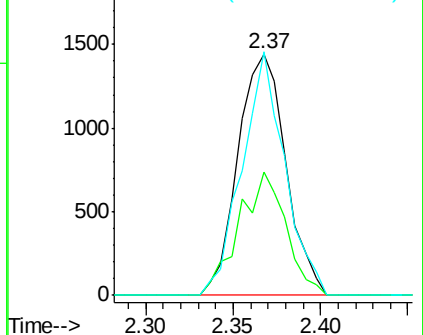
151 89.7 68.7 103.1



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 0.970 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

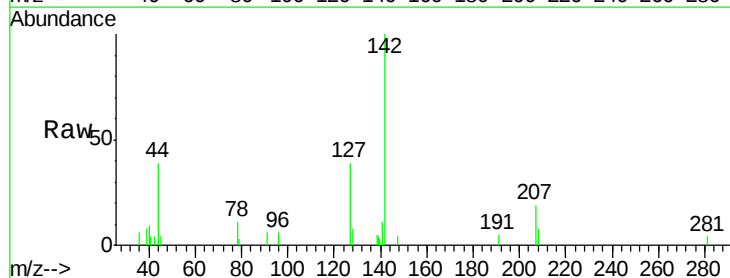
Tgt Ion:142 Resp: 2801

Ion Ratio Lower Upper

142 100

127 39.2 35.4 53.2

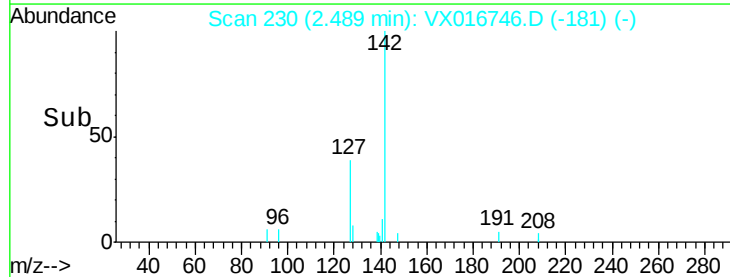
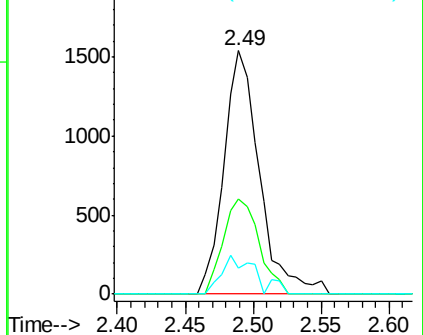
141 15.2 11.7 17.5

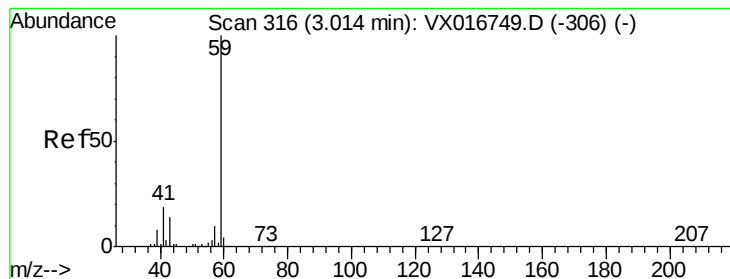


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 4.220 ug/l

RT: 3.00 min Scan# 314

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

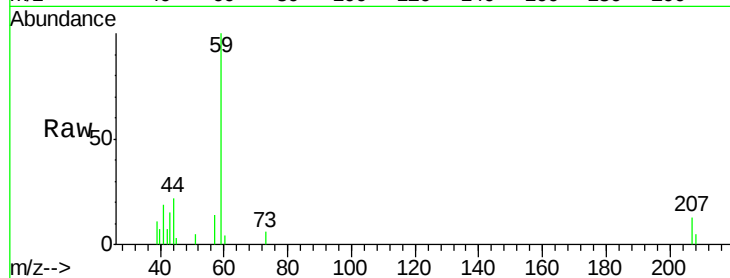
VSTDIC001

Tgt Ion: 59 Resp: 3798

Ion Ratio Lower Upper

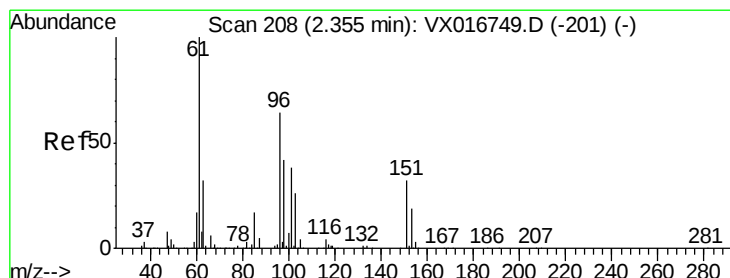
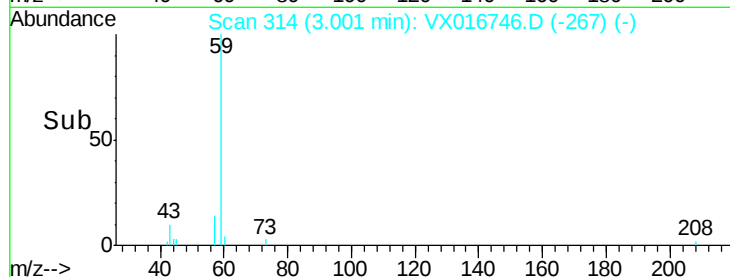
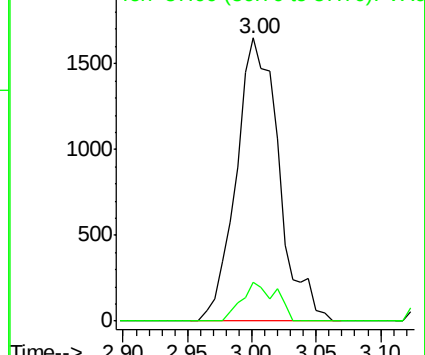
59 100

57 11.1 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 1.178 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

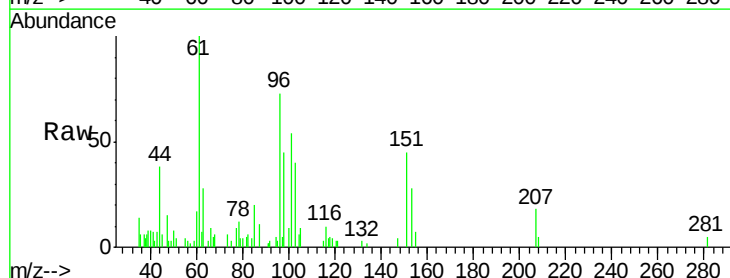
Tgt Ion: 96 Resp: 3305

Ion Ratio Lower Upper

96 100

61 136.1 124.1 186.1

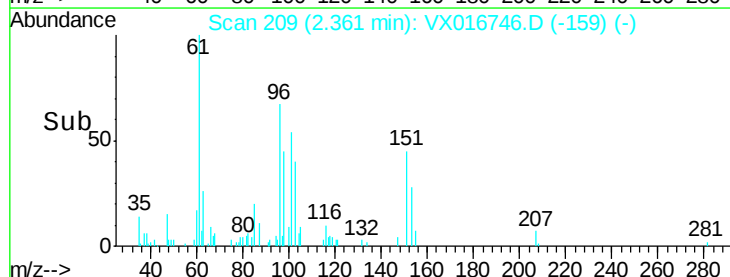
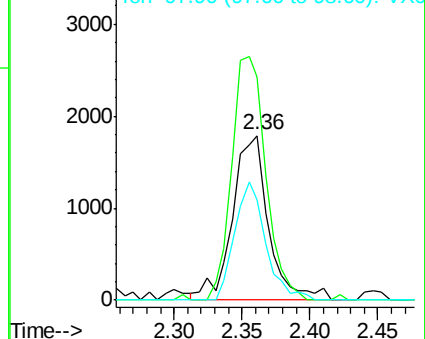
98 60.8 52.7 79.1

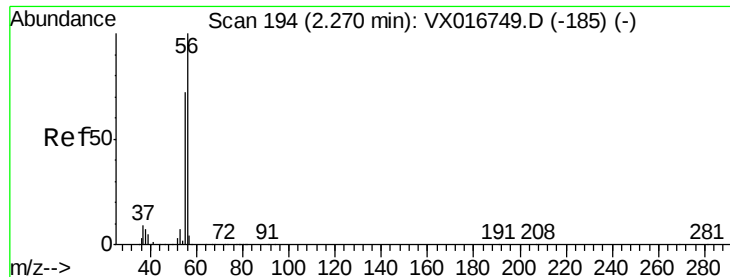


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 5.384 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

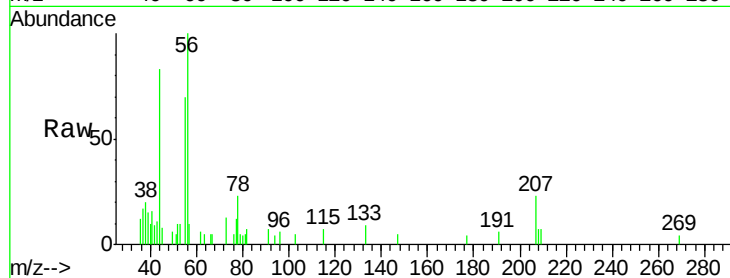
VSTDIC001

Tgt Ion: 56 Resp: 2086

Ion Ratio Lower Upper

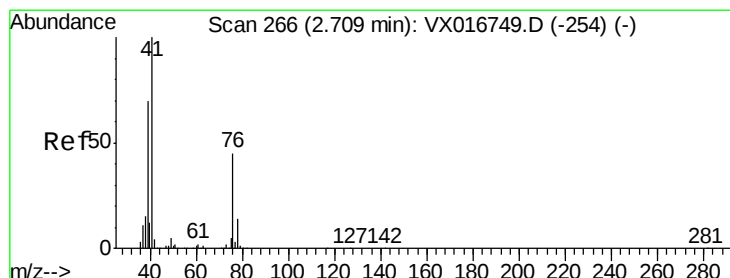
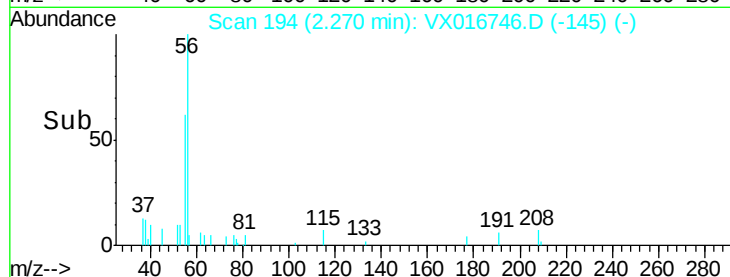
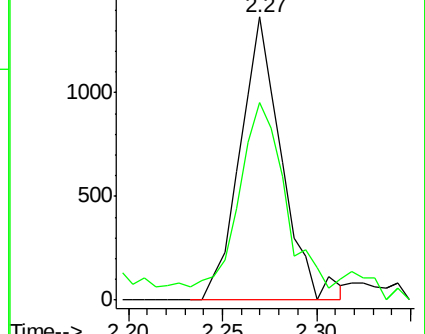
56 100

55 68.9 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 0.910 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

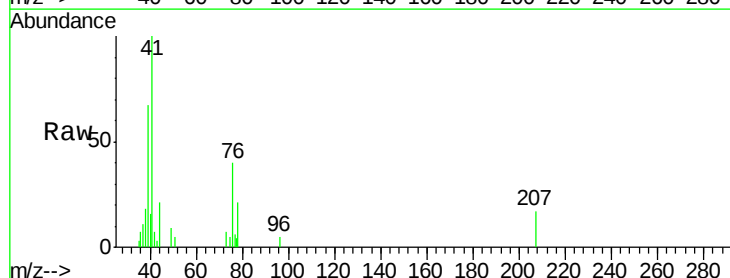
Tgt Ion: 41 Resp: 4565

Ion Ratio Lower Upper

41 100

39 62.8 50.2 75.4

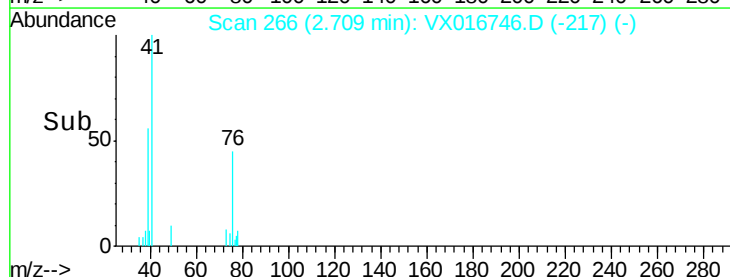
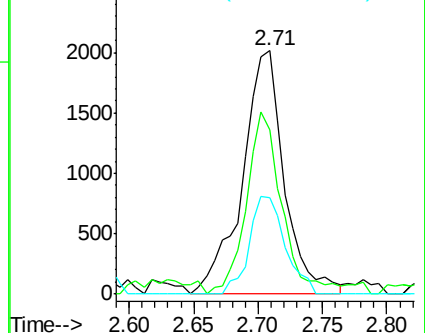
76 34.0 30.4 45.6

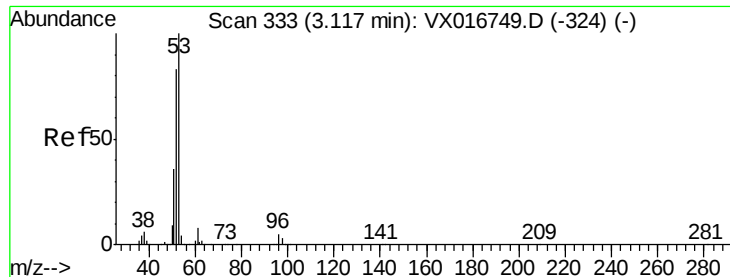


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

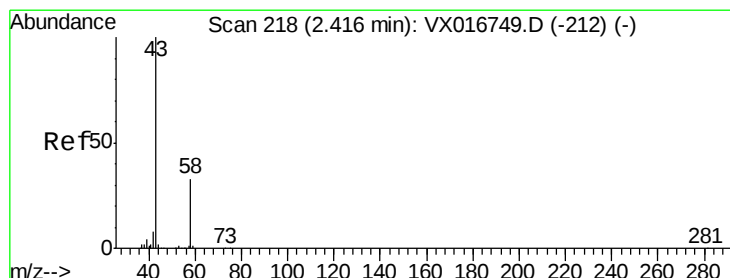
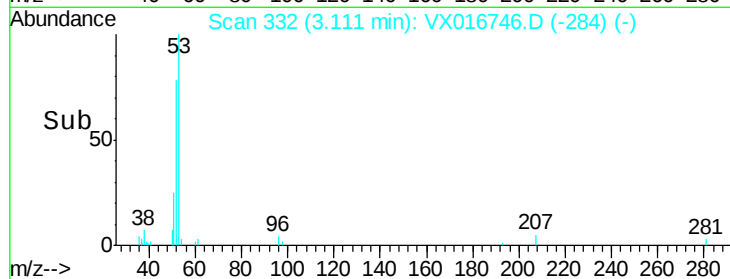
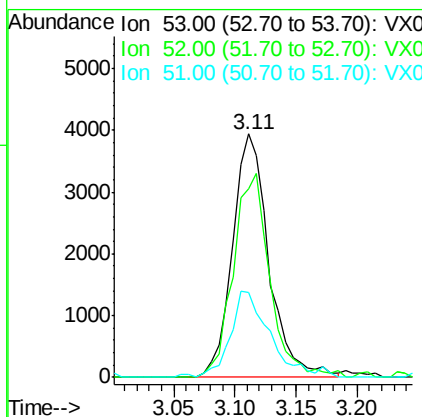
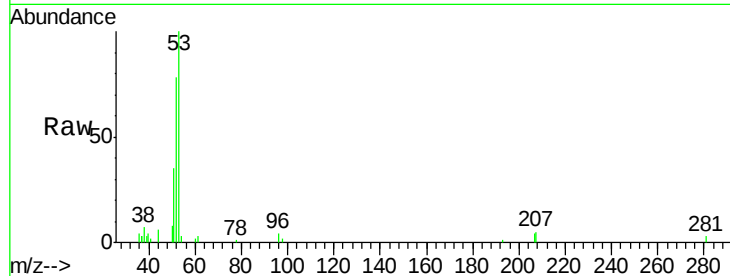




#15
Acrylonitrile
Concen: 4.386 ug/l
RT: 3.11 min Scan# 332
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

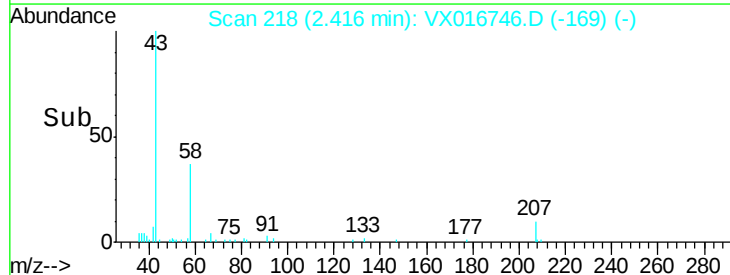
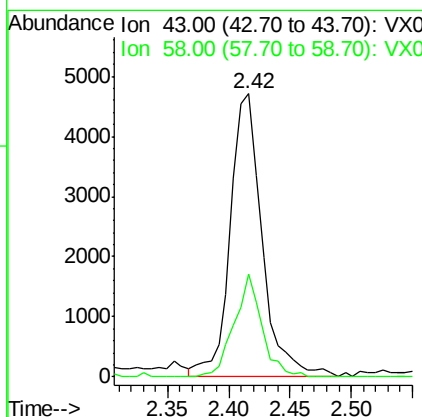
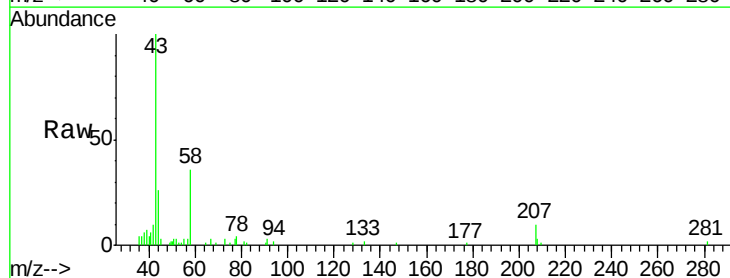
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

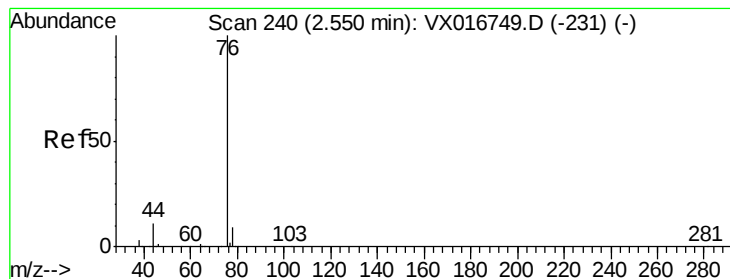
Tgt Ion: 53 Resp: 8113
Ion Ratio Lower Upper
53 100
52 84.6 65.5 98.3
51 38.1 28.6 42.8



#16
Acetone
Concen: 5.495 ug/l
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion: 43 Resp: 8499
Ion Ratio Lower Upper
43 100
58 36.2 26.3 39.5





#17

Carbon Disulfide

Concen: 1.211 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

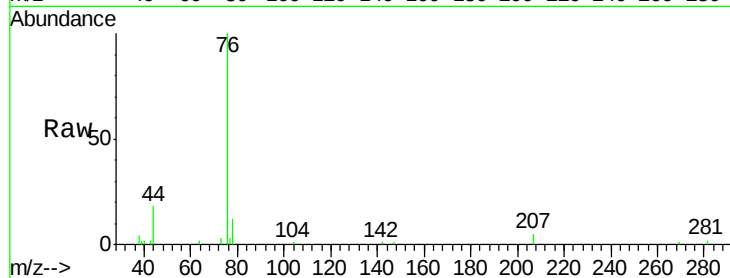
VSTDIC001

Tgt Ion: 76 Resp: 10018

Ion Ratio Lower Upper

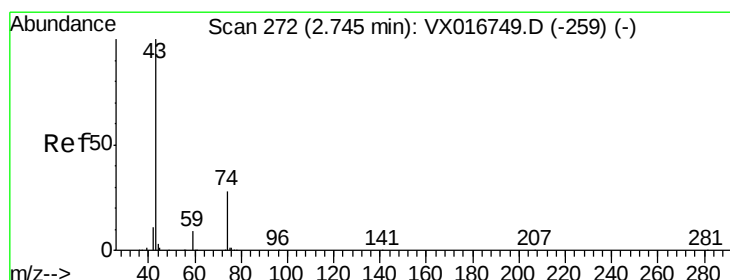
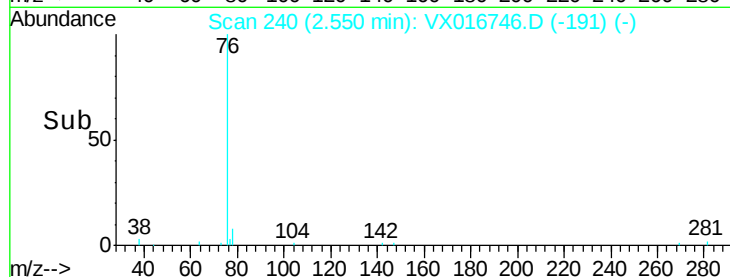
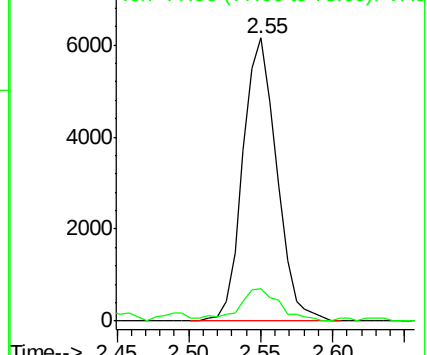
76 100

78 10.4 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.913 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.00 min

Lab File: VX016746.D

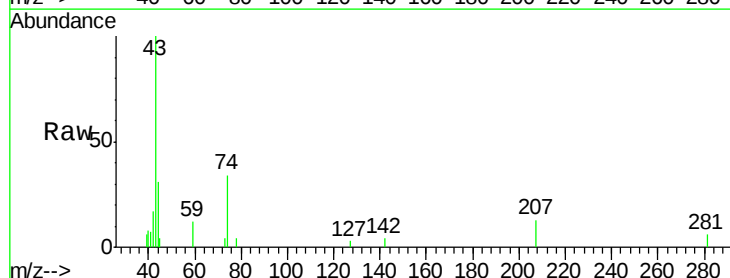
Acq: 15 Jun 2020 11:10

Tgt Ion: 43 Resp: 3689

Ion Ratio Lower Upper

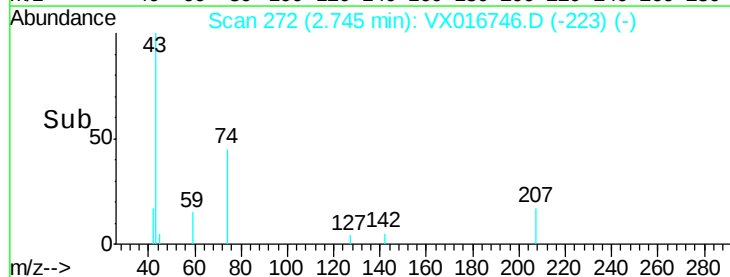
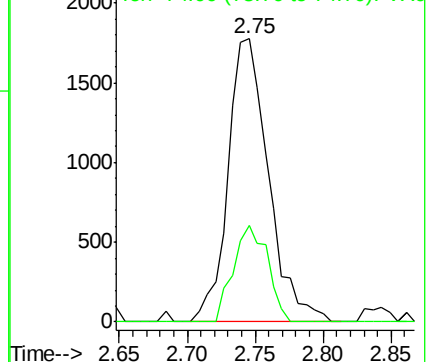
43 100

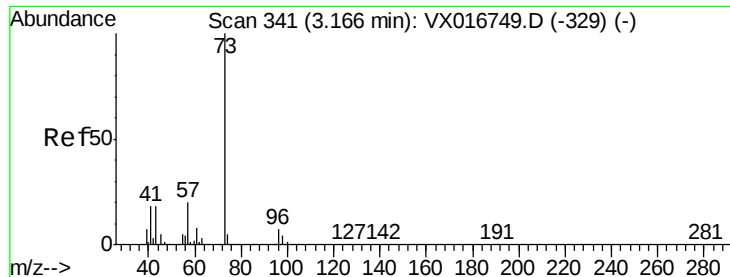
74 28.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 0.939 ug/l

RT: 3.16 min Scan# 340

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

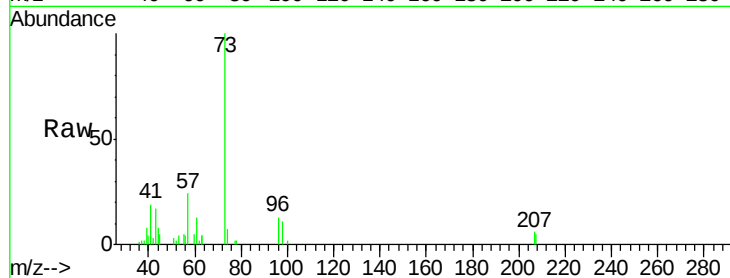
VSTDIC001

Tgt Ion: 73 Resp: 9340

Ion Ratio Lower Upper

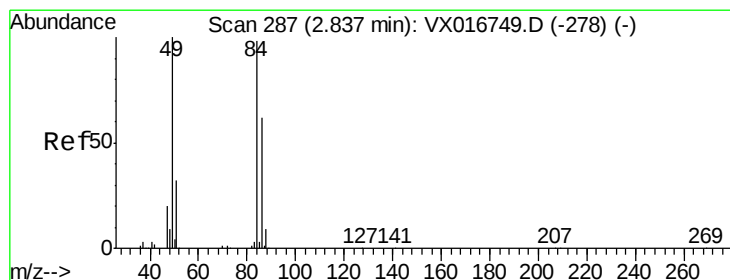
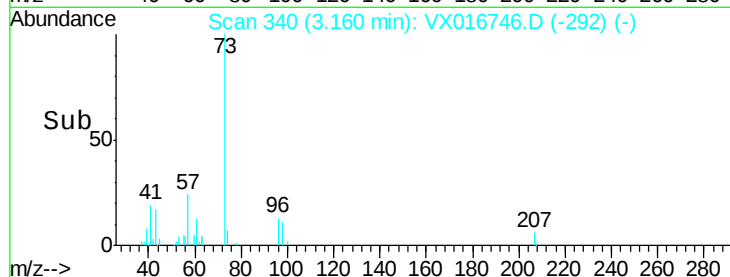
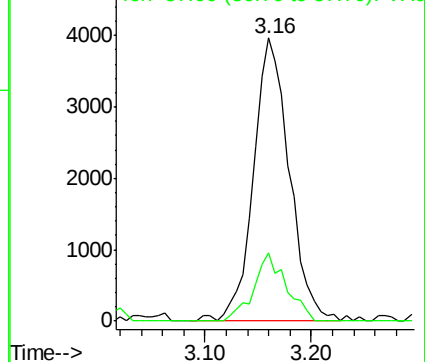
73 100

57 24.3 16.2 24.4



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#20

Methylene Chloride

Concen: 1.048 ug/l

RT: 2.82 min Scan# 285

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Tgt Ion: 84 Resp: 3408

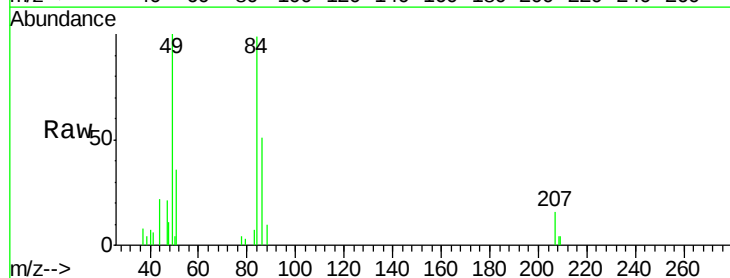
Ion Ratio Lower Upper

84 100

49 100.6 81.8 122.8

51 33.4 25.8 38.8

86 51.2 50.4 75.6

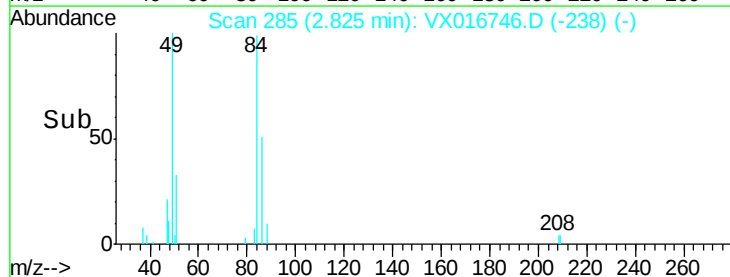
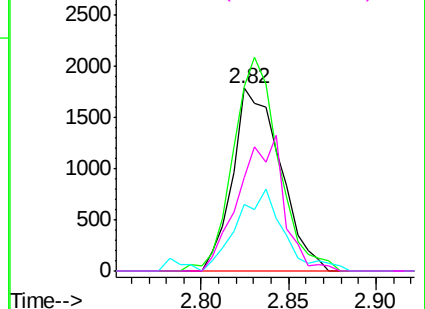


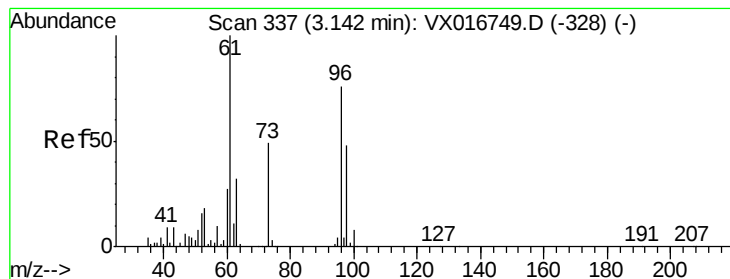
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 1.084 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

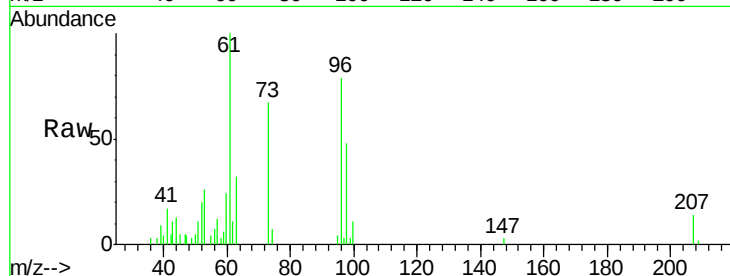
Tgt Ion: 96 Resp: 3347

Ion Ratio Lower Upper

96 100

61 126.7 105.4 158.2

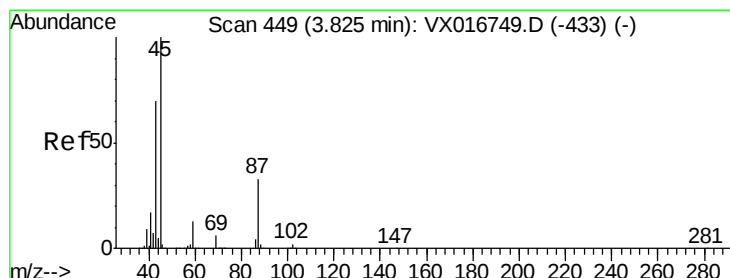
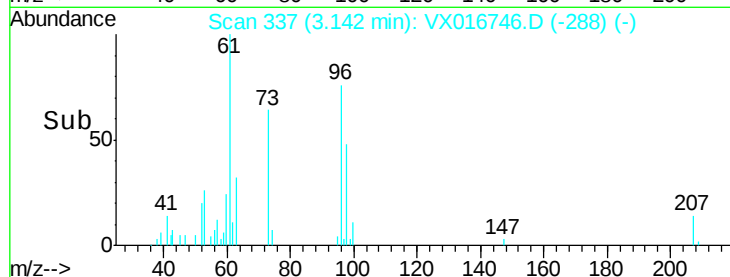
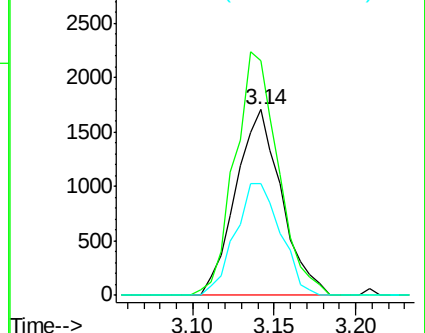
98 60.5 50.8 76.2



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: 0.790 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Tgt Ion: 45 Resp: 7581

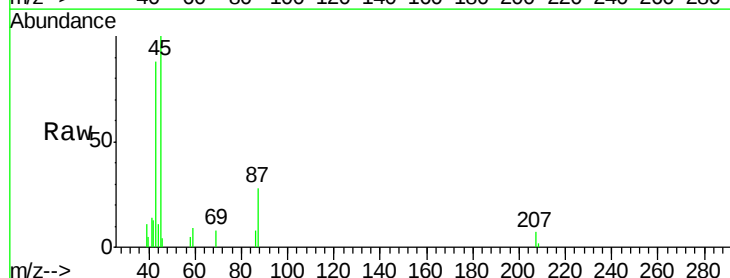
Ion Ratio Lower Upper

45 100

43 83.5 56.2 84.4

87 27.9 26.2 39.4

59 8.7 10.3 15.5#

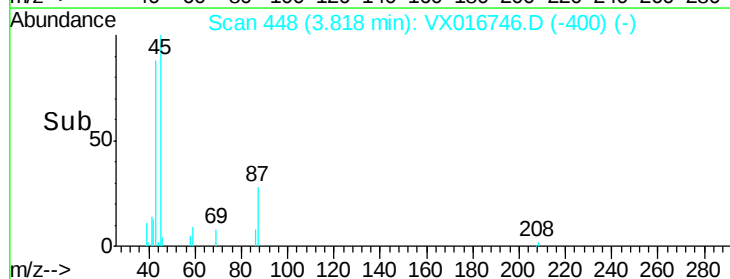
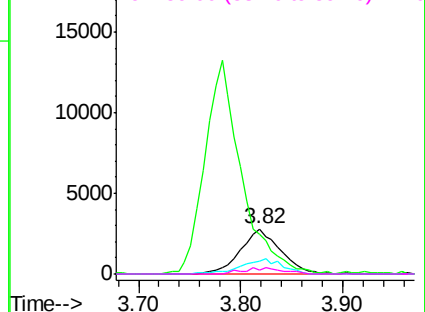


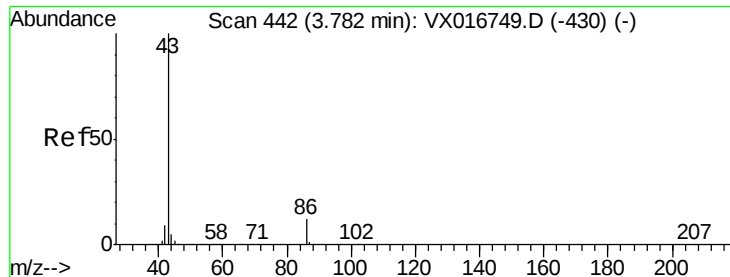
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 3.994 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

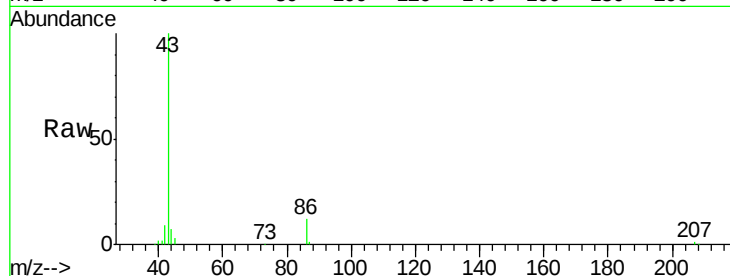
VSTDIC001

Tgt Ion: 43 Resp: 33310

Ion Ratio Lower Upper

43 100

86 12.2 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.78

15000

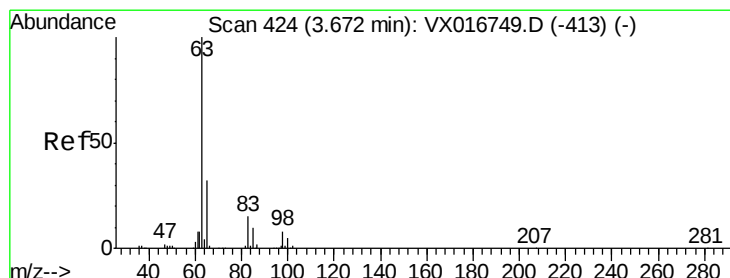
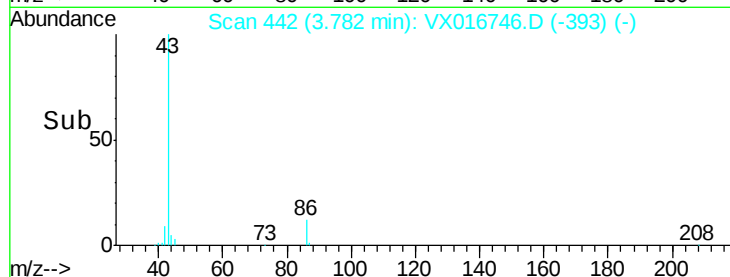
10000

5000

0

Time-->

3.70 3.80 3.90



#24

1,1-Dichloroethane

Concen: 0.977 ug/l

RT: 3.67 min Scan# 424

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

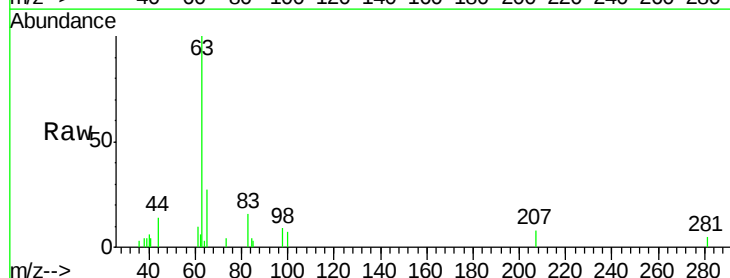
Tgt Ion: 63 Resp: 5377

Ion Ratio Lower Upper

63 100

98 9.0 3.8 11.4

100 7.4 2.3 6.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

2500

2000

1500

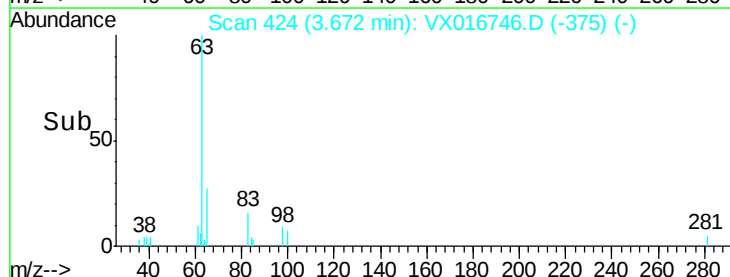
1000

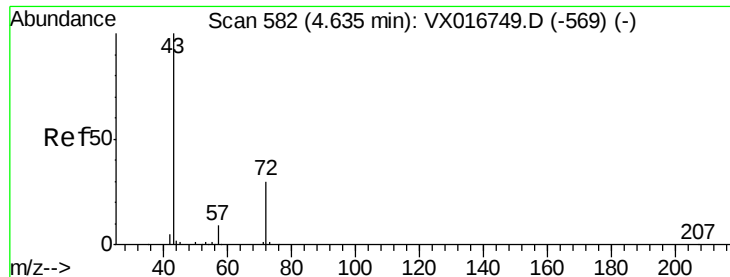
500

0

Time-->

3.60 3.65 3.70 3.75





#25

2-Butanone

Concen: 4.004 ug/l

RT: 4.63 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

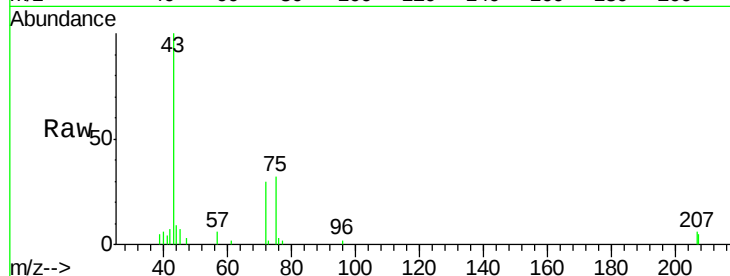
VSTDIC001

Tgt Ion: 43 Resp: 10374

Ion Ratio Lower Upper

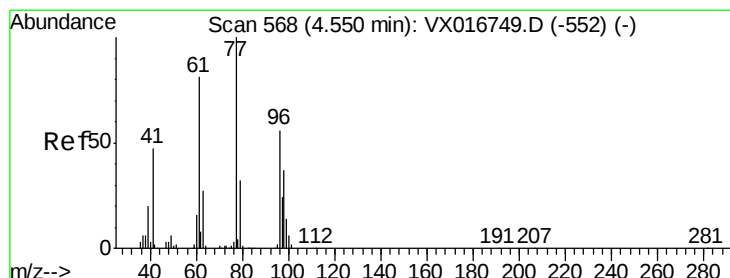
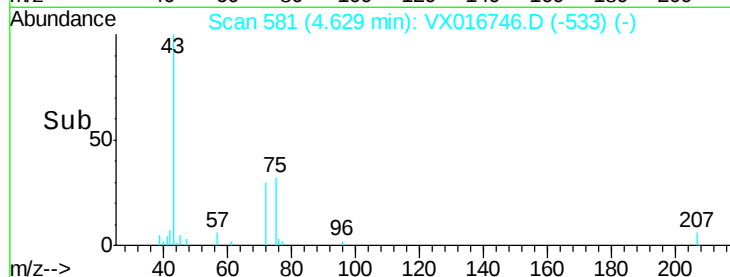
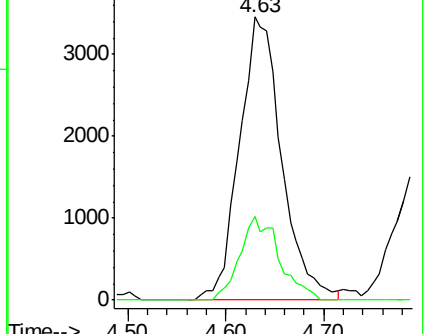
43 100

72 29.7 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 1.090 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX016746.D

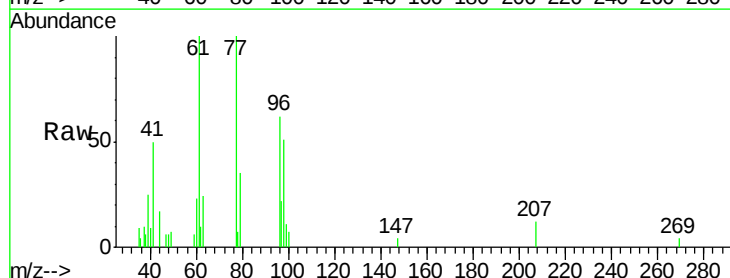
Acq: 15 Jun 2020 11:10

Tgt Ion: 77 Resp: 5057

Ion Ratio Lower Upper

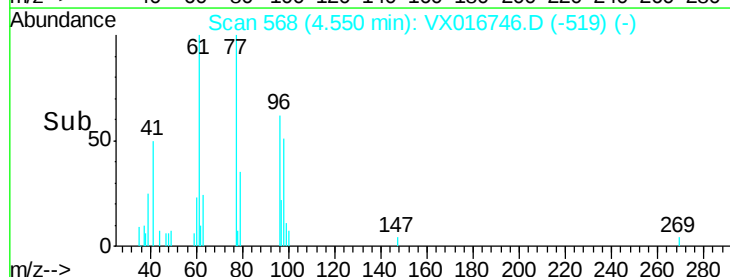
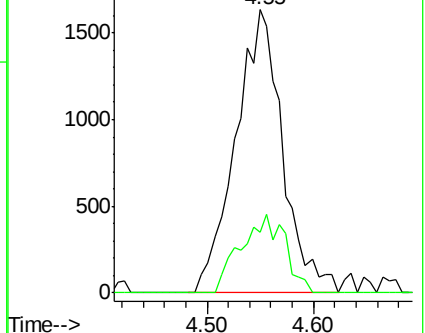
77 100

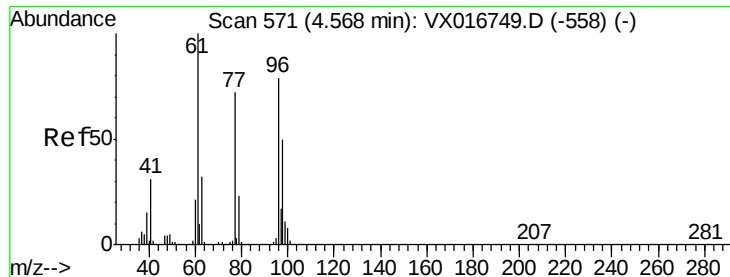
97 26.0 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 1.068 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

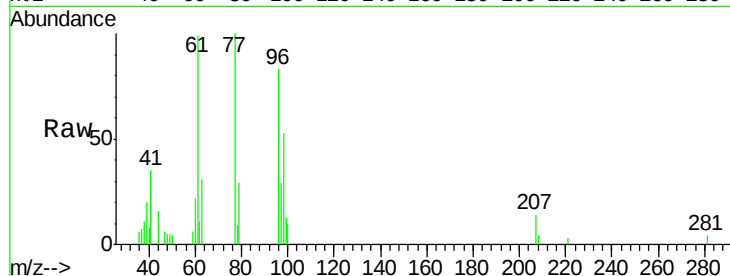
Tgt Ion: 96 Resp: 3796

Ion Ratio Lower Upper

96 100

61 128.3 0.0 276.2

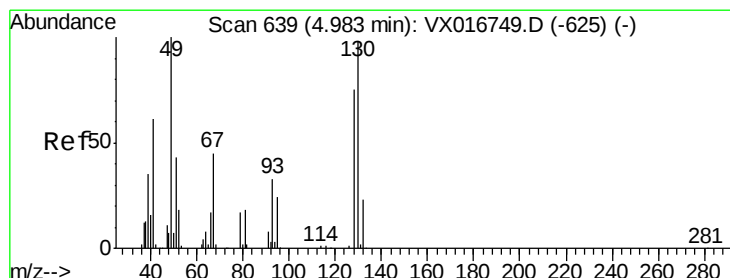
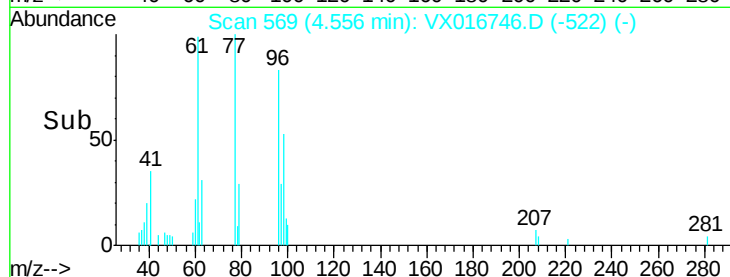
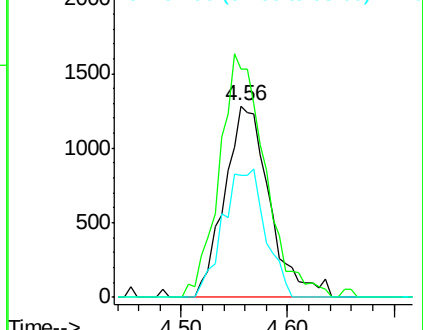
98 62.9 0.0 130.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 0.857 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

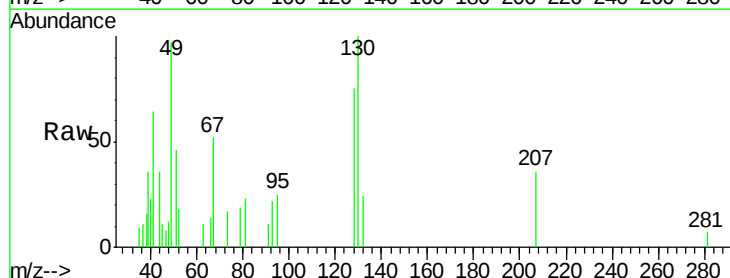
Tgt Ion: 49 Resp: 2177

Ion Ratio Lower Upper

49 100

129 0.0 0.0 2.8

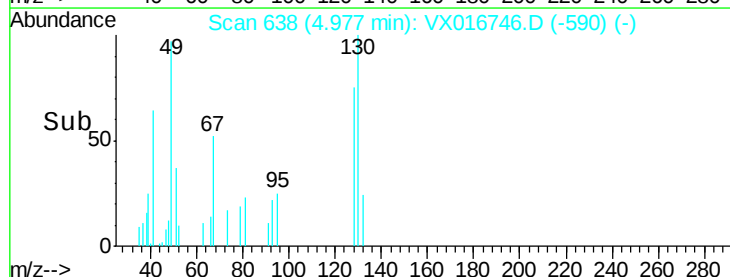
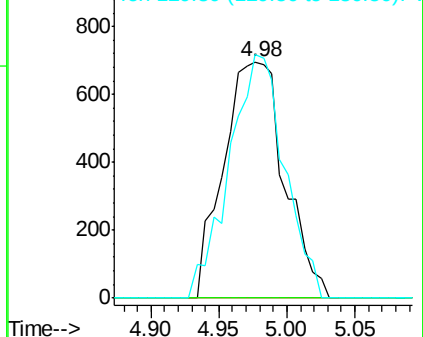
130 93.4 76.0 114.0

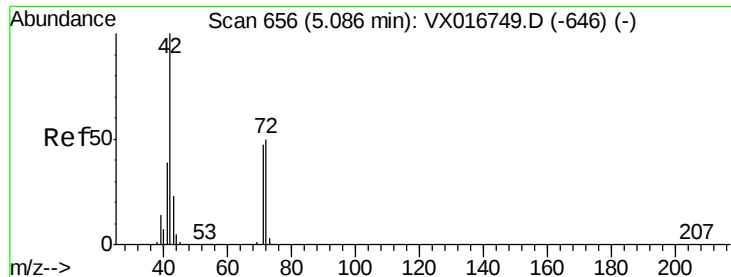


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

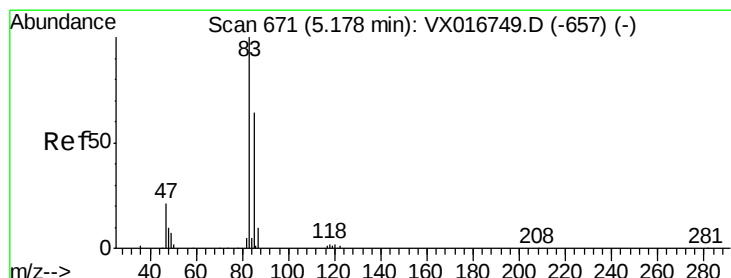
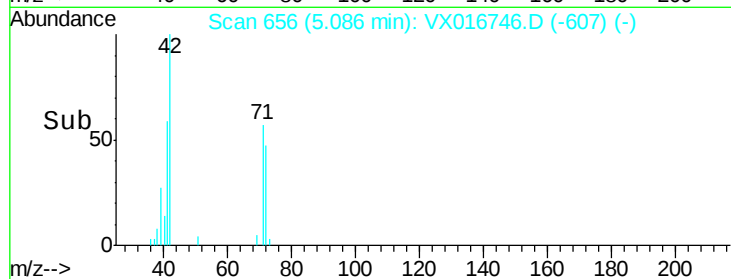
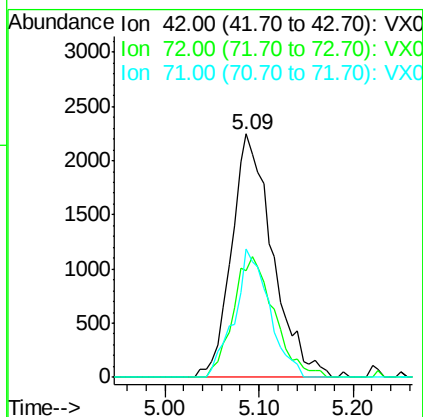
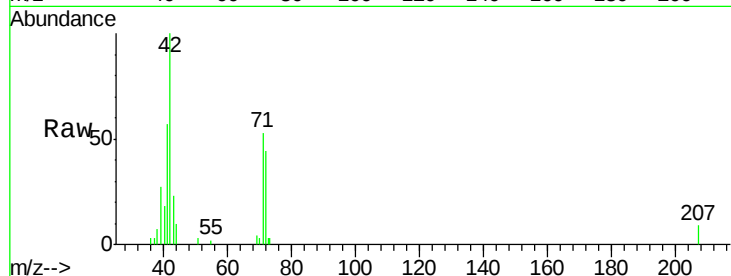




#29
Tetrahydrofuran
Concen: 4.074 ug/l
RT: 5.09 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

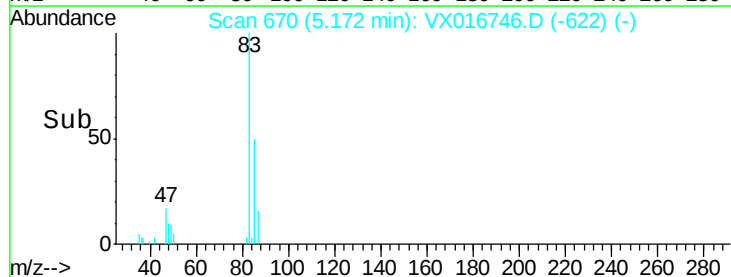
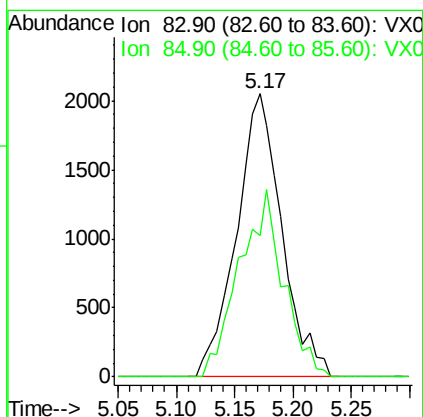
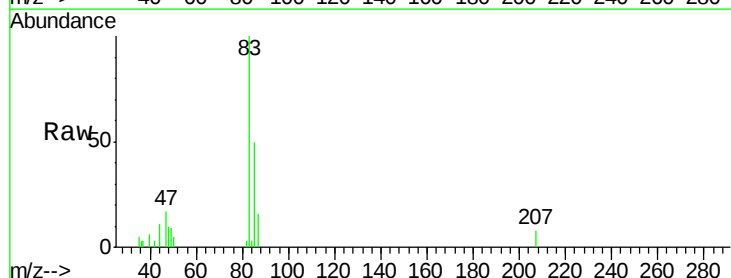
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

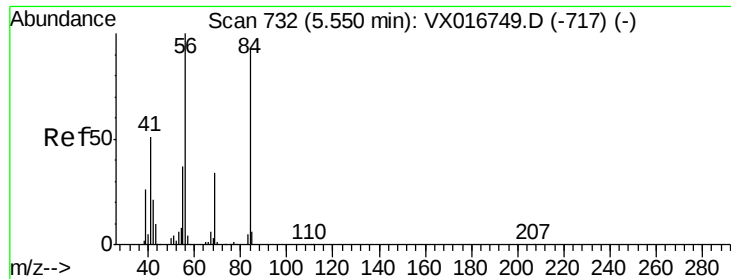
Tgt Ion: 42 Resp: 6808
Ion Ratio Lower Upper
42 100
72 49.6 41.0 61.6
71 44.8 38.2 57.4



#30
Chloroform
Concen: 0.994 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion: 83 Resp: 5556
Ion Ratio Lower Upper
83 100
85 50.1 50.8 76.2#

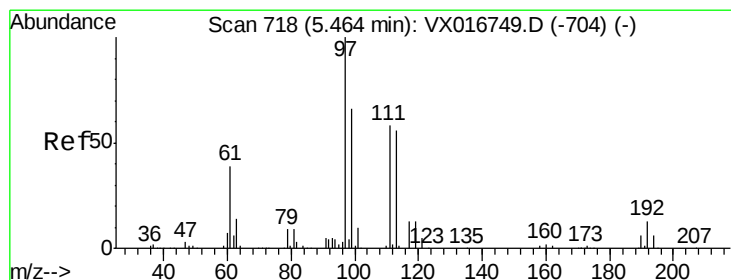
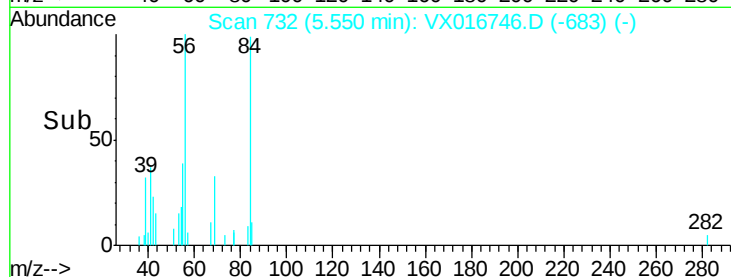
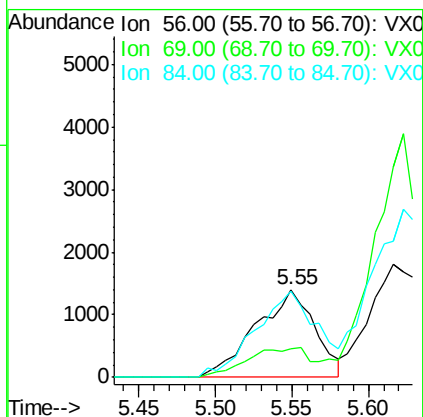
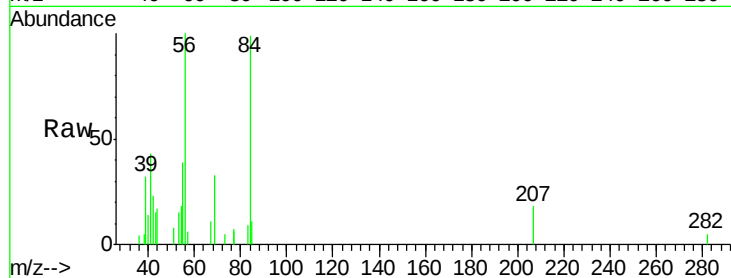




#31
Cyclohexane
Concen: 0.768 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

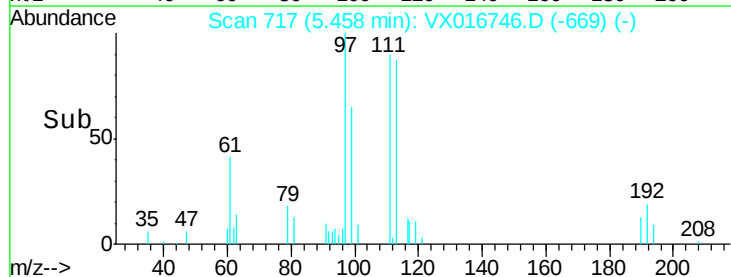
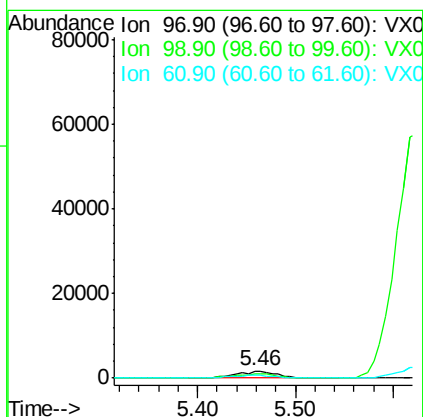
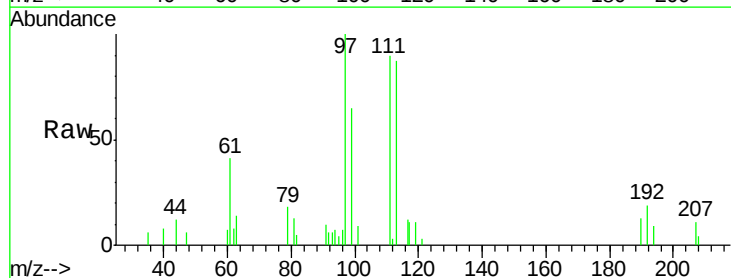
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

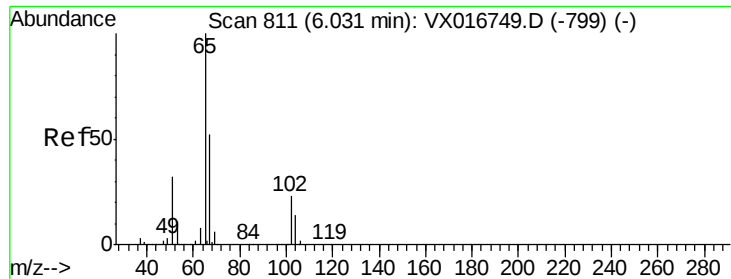
Tgt Ion: 56 Resp: 3761
Ion Ratio Lower Upper
56 100
69 33.0 27.1 40.7
84 98.5 74.0 111.0



#32
1,1,1-Trichloroethane
Concen: 0.948 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion: 97 Resp: 4830
Ion Ratio Lower Upper
97 100
99 0.0 51.5 77.3#
61 43.4 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 1.601 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

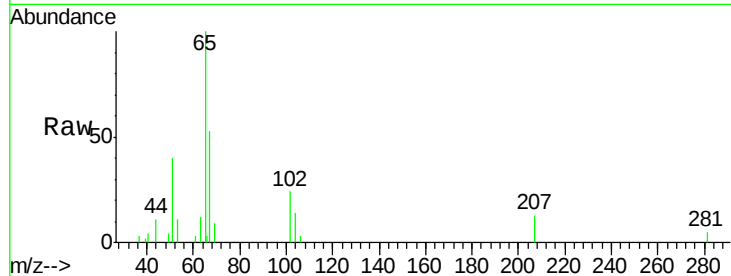
VSTDIC001

Tgt Ion: 65 Resp: 5707

Ion Ratio Lower Upper

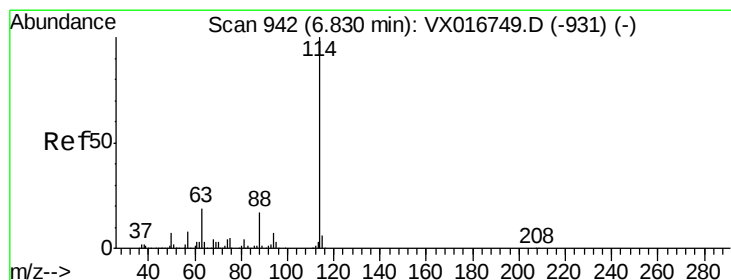
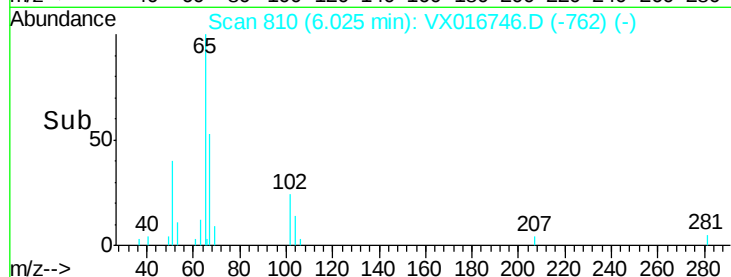
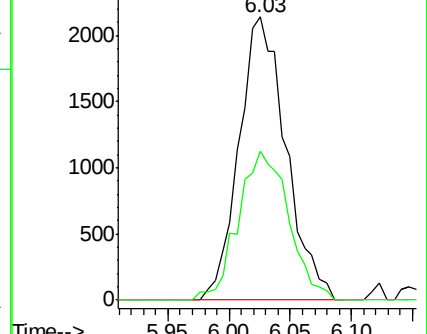
65 100

67 56.6 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: VX016746.D

Acq: 15 Jun 2020 11:10

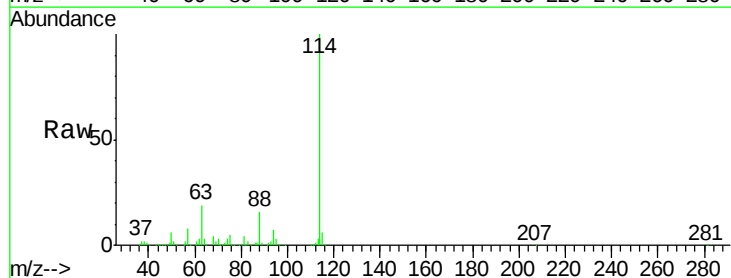
Tgt Ion: 114 Resp: 429434

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.8

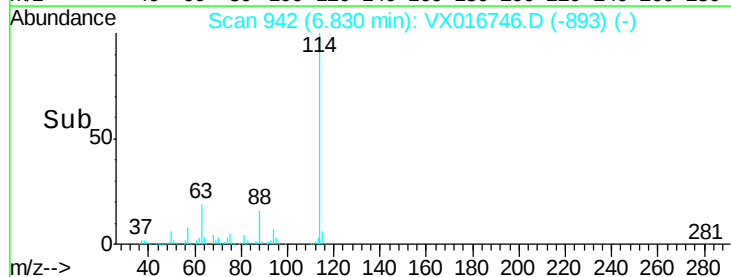
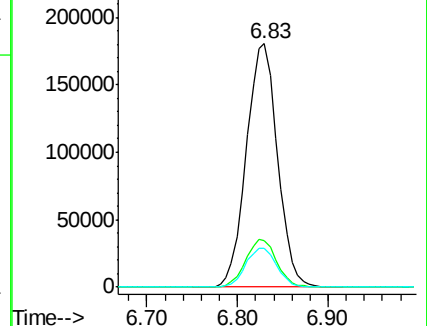
88 15.7 0.0 33.4

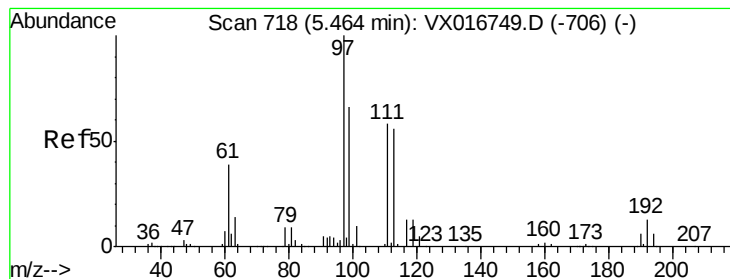


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 1.659 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

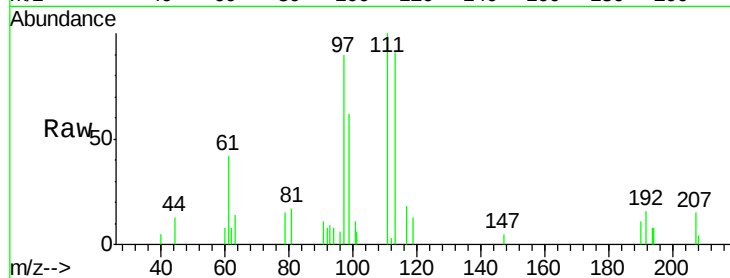
Tgt Ion:113 Resp: 4374

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.6

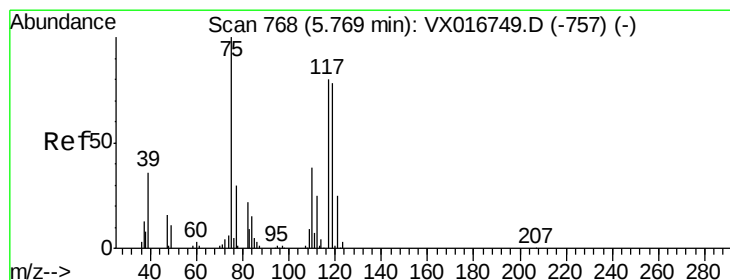
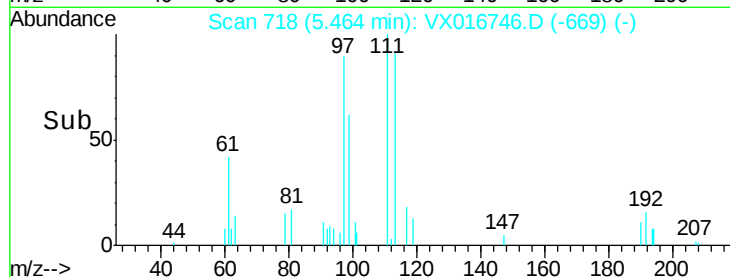
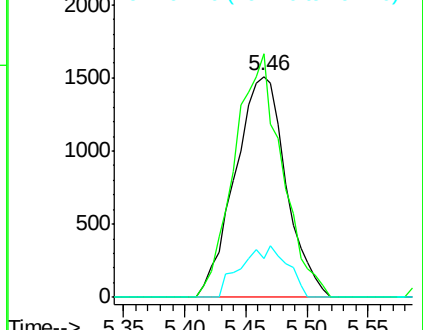
192 21.2 18.2 27.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 1.035 ug/l

RT: 5.77 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

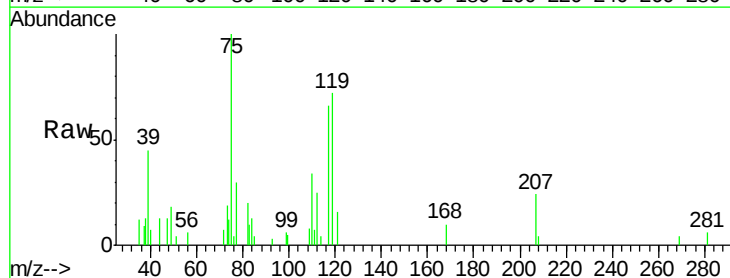
Tgt Ion: 75 Resp: 4162

Ion Ratio Lower Upper

75 100

110 35.9 18.4 55.2

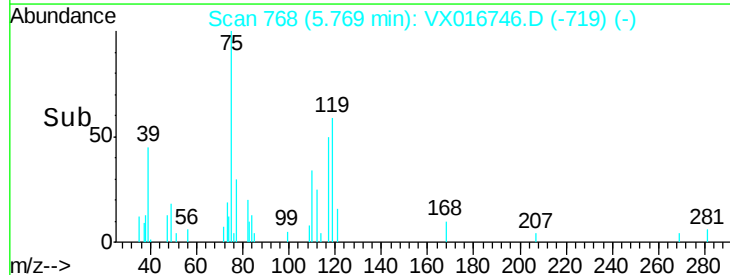
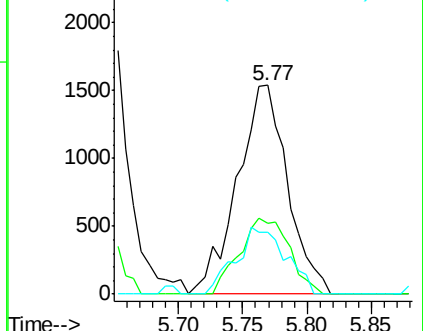
77 31.8 24.7 37.1

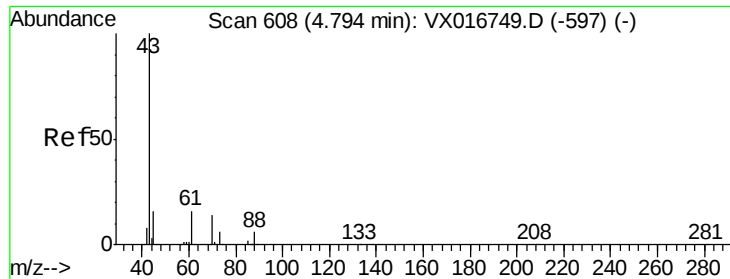


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

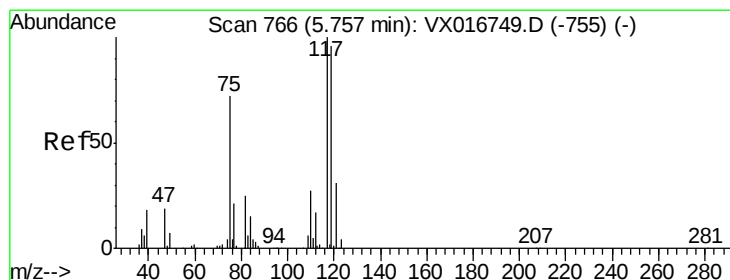
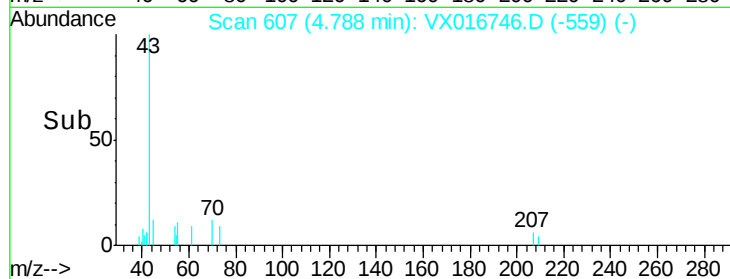
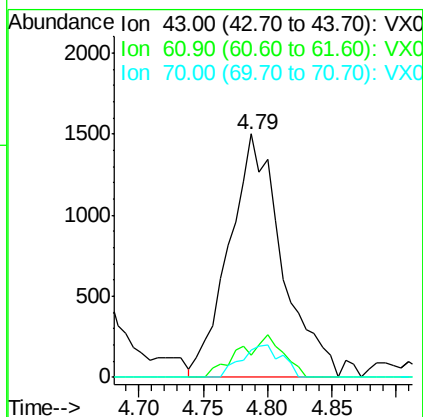
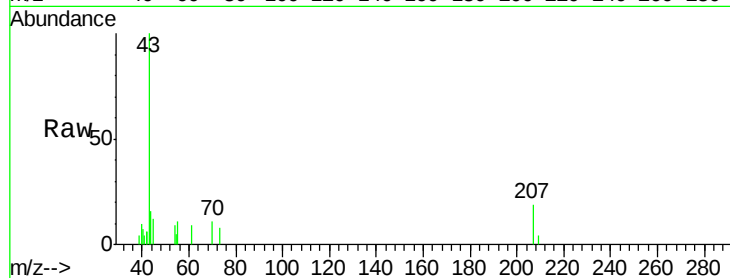




#37
Ethyl Acetate
Concen: 0.907 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

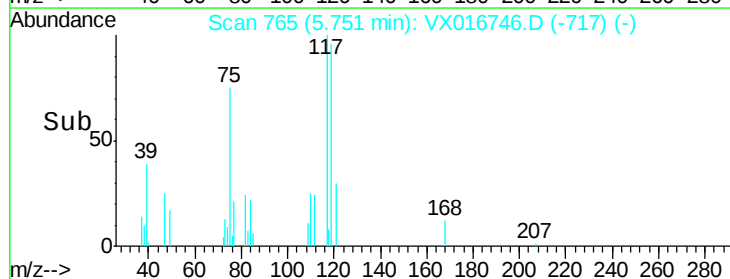
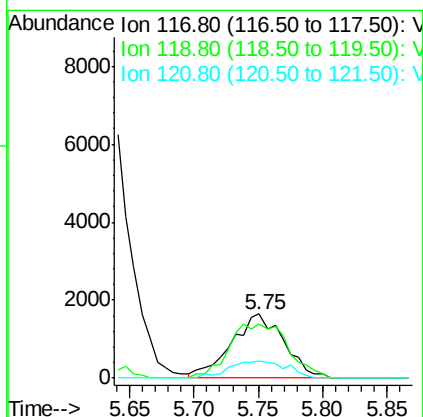
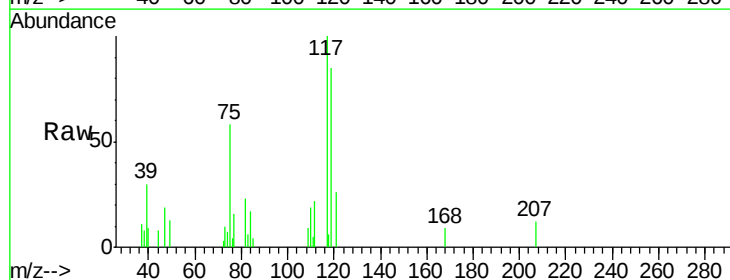
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

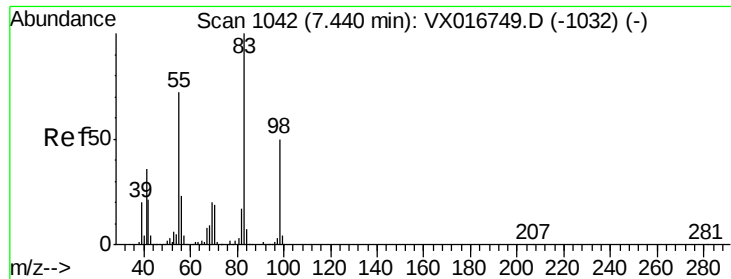
Tgt Ion: 43 Resp: 4278
Ion Ratio Lower Upper
43 100
61 14.2 12.4 18.6
70 10.0 10.8 16.2#



#38
Carbon Tetrachloride
Concen: 1.085 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion: 117 Resp: 4647
Ion Ratio Lower Upper
117 100
119 85.0 76.7 115.1
121 26.4 24.7 37.1

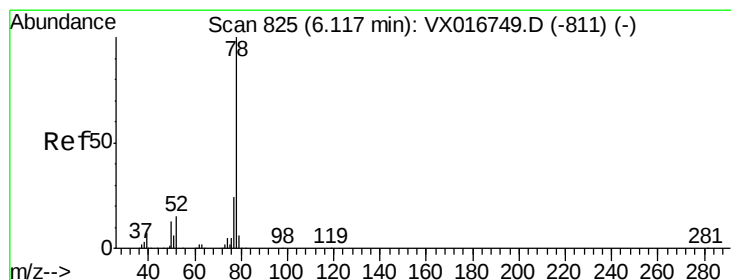
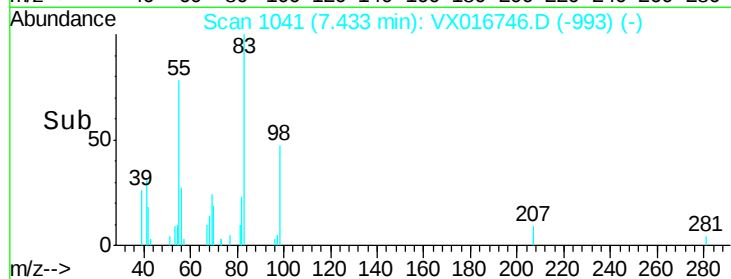
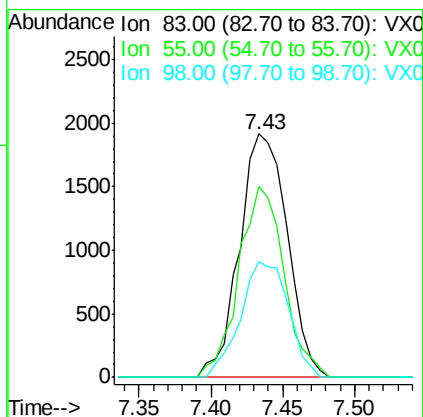
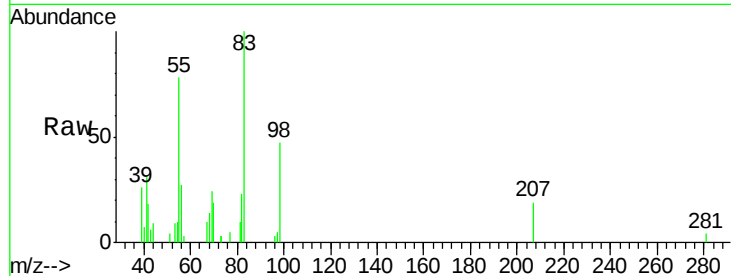




#39
Methylcyclohexane
Concen: 1.004 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

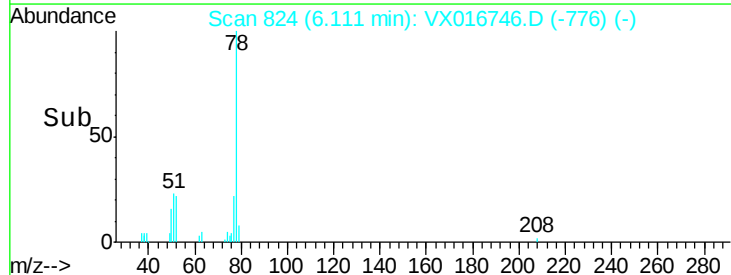
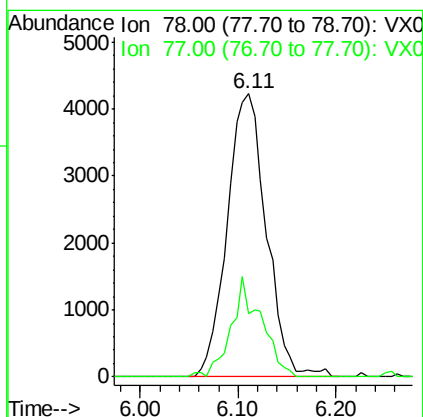
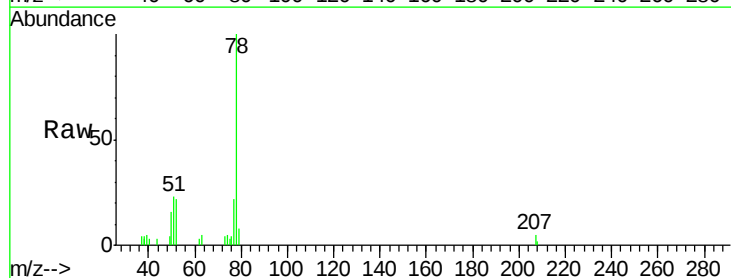
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

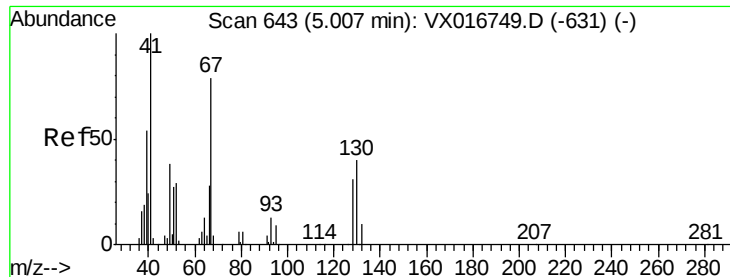
Tgt Ion: 83 Resp: 4402
Ion Ratio Lower Upper
83 100
55 78.5 57.3 85.9
98 47.3 40.3 60.5



#40
Benzene
Concen: 0.981 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion: 78 Resp: 11724
Ion Ratio Lower Upper
78 100
77 22.5 19.0 28.4





#41

Methacrylonitrile

Concen: 0.892 ug/l

RT: 5.00 min Scan# 642

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

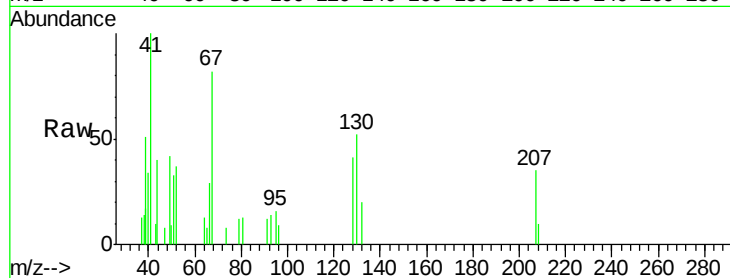
Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion:	41	Resp:	2312
Ion	Ratio	Lower	Upper
41	100		
39	64.4	43.7	65.5
67	76.9	64.6	96.8
52	23.7	25.6	38.4#

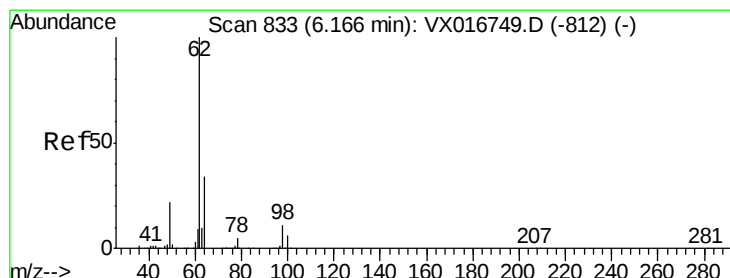
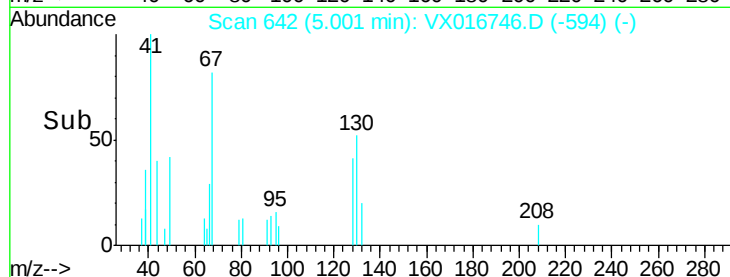
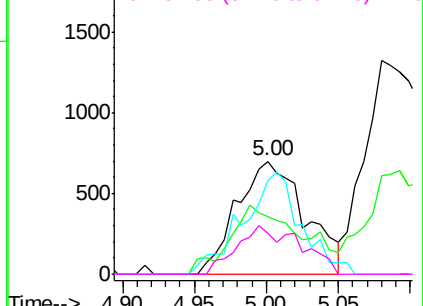


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 1.012 ug/l

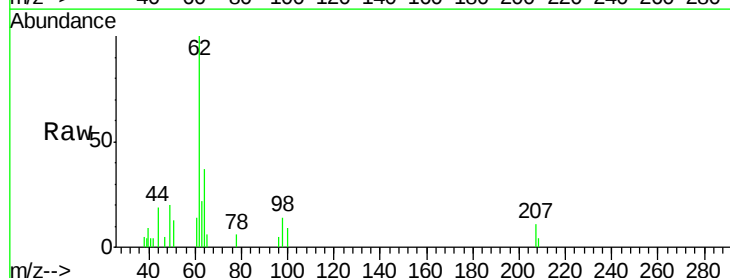
RT: 6.16 min Scan# 832

Delta R.T. -0.01 min

Lab File: VX016746.D

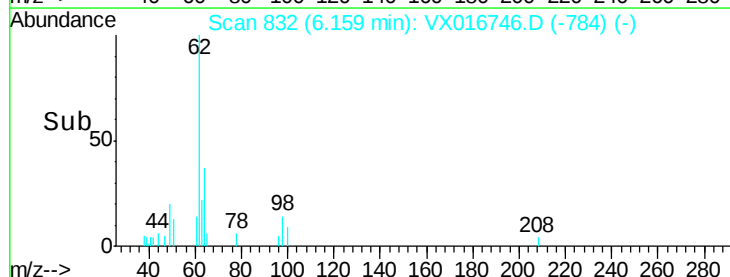
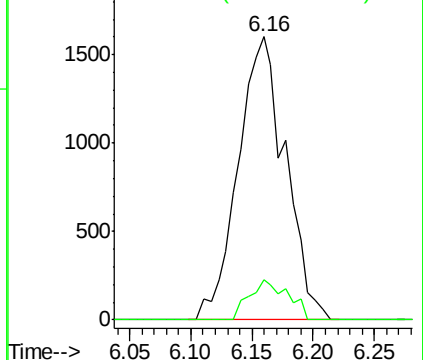
Acq: 15 Jun 2020 11:10

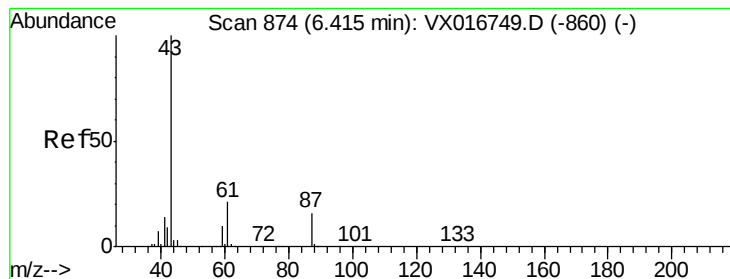
Tgt Ion:	62	Resp:	4307
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 0.864 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

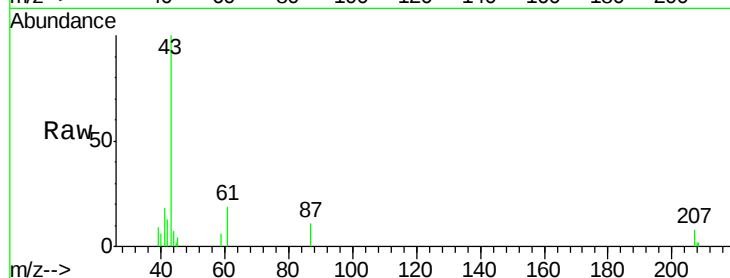
Tgt Ion: 43 Resp: 6377

Ion Ratio Lower Upper

43 100

61 23.0 17.7 26.5

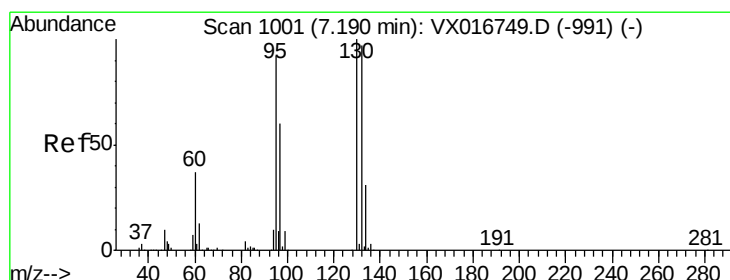
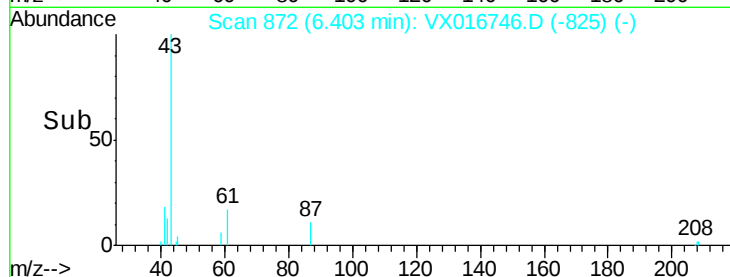
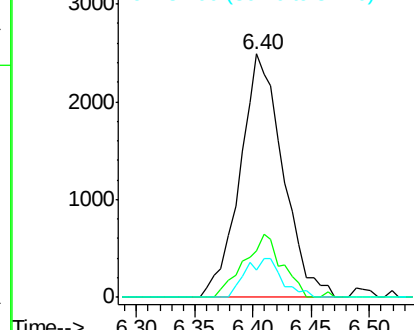
87 13.5 12.5 18.7



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: 0.989 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016746.D

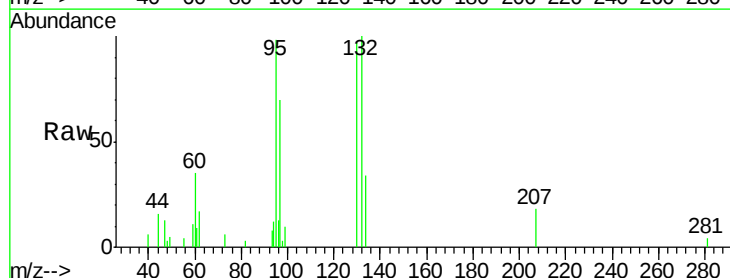
Acq: 15 Jun 2020 11:10

Tgt Ion: 130 Resp: 3753

Ion Ratio Lower Upper

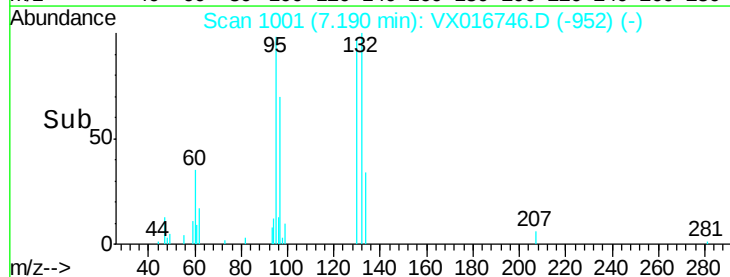
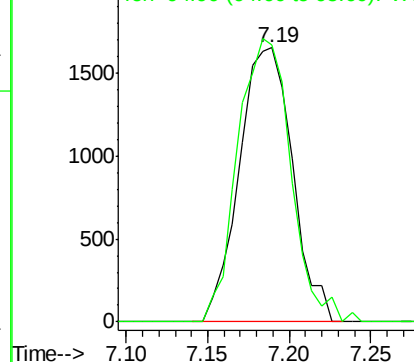
130 100

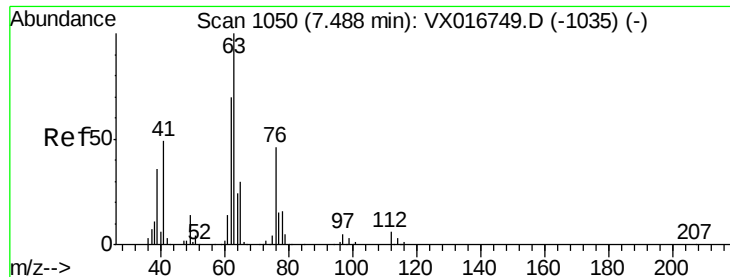
95 101.0 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 0.922 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampled :

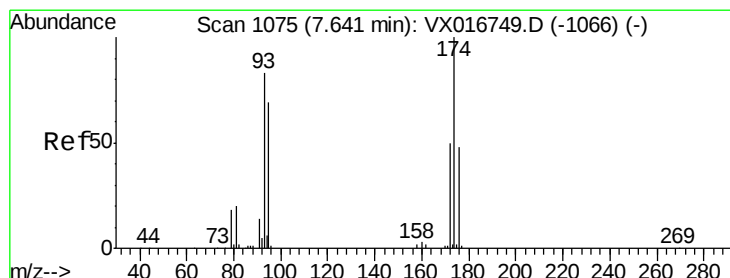
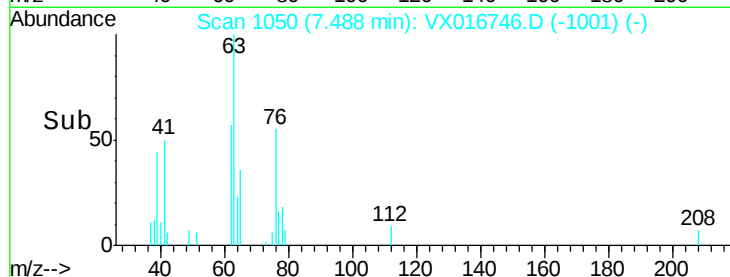
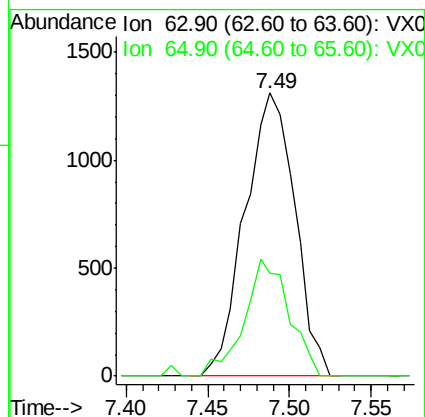
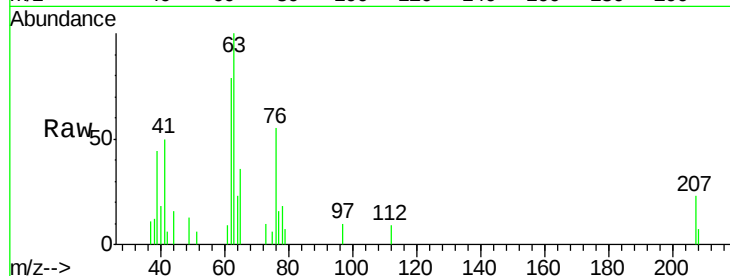
VSTDIC001

Tgt Ion: 63 Resp: 2790

Ion Ratio Lower Upper

63 100

65 36.3 24.2 36.2#



#46

Dibromomethane

Concen: 1.072 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

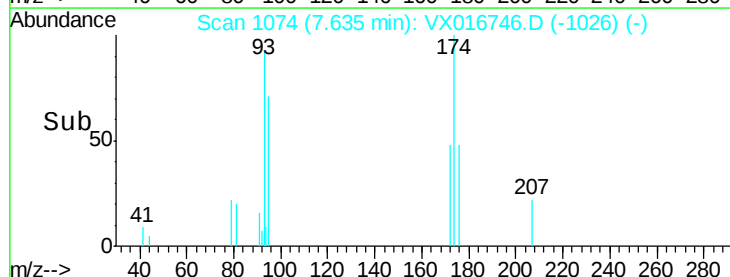
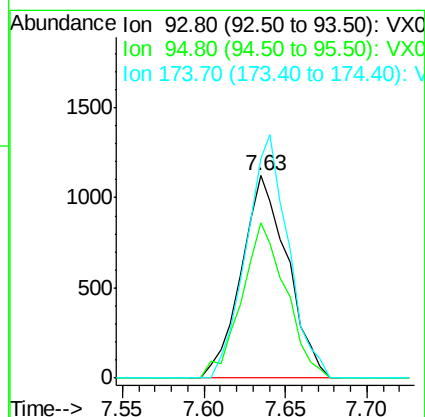
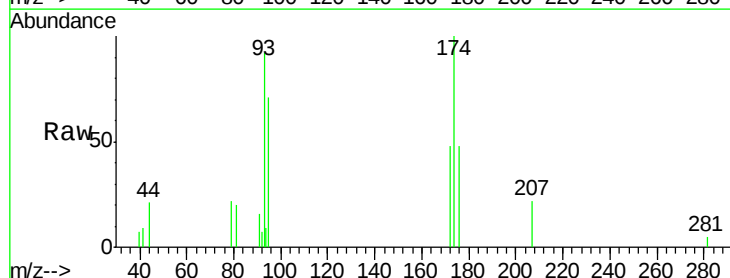
Tgt Ion: 93 Resp: 2201

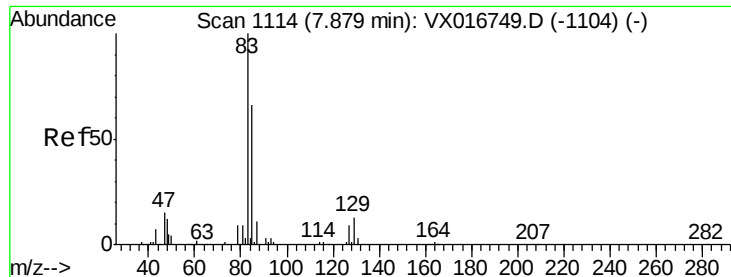
Ion Ratio Lower Upper

93 100

95 73.5 66.9 100.3

174 110.0 93.8 140.8





#47

Bromodichloromethane

Concen: 1.061 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

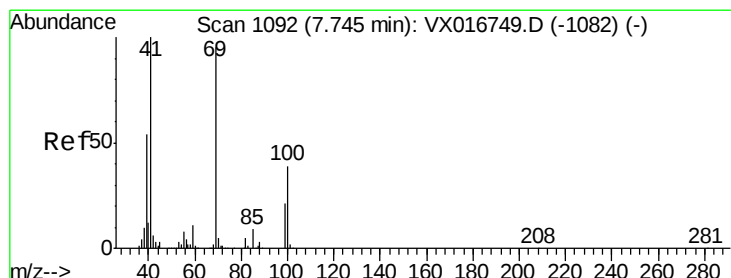
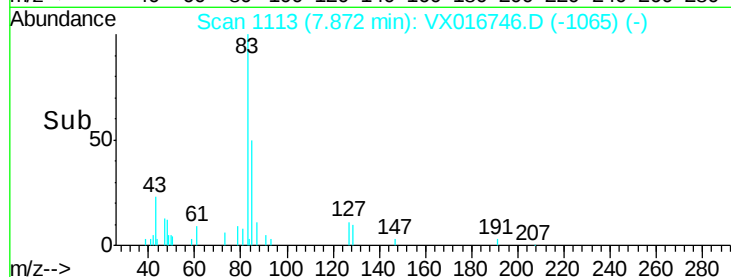
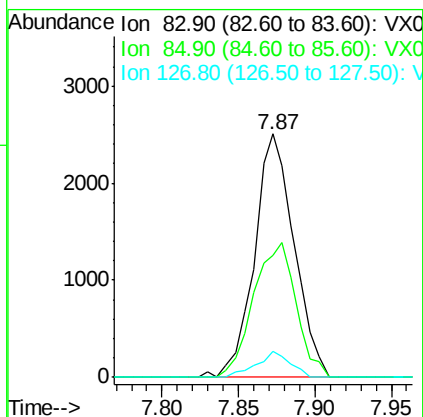
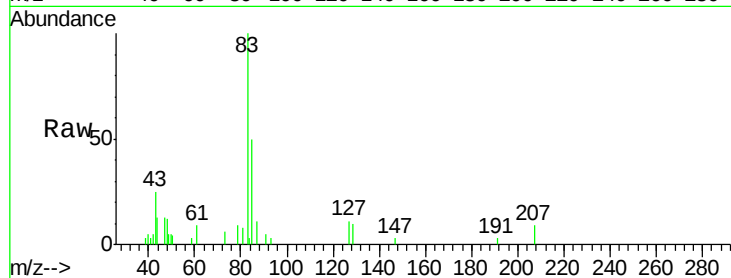
Tgt Ion: 83 Resp: 4513

Ion Ratio Lower Upper

83 100

85 50.2 52.5 78.7#

127 10.5 7.5 11.3



#48

Methyl methacrylate

Concen: 0.809 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

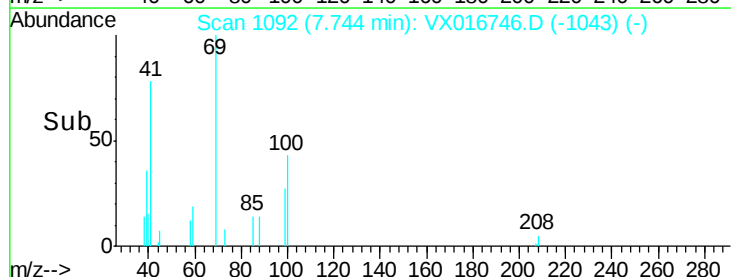
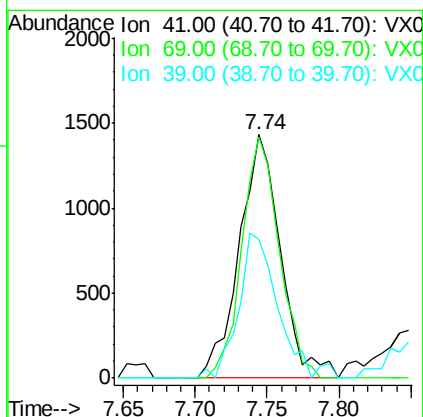
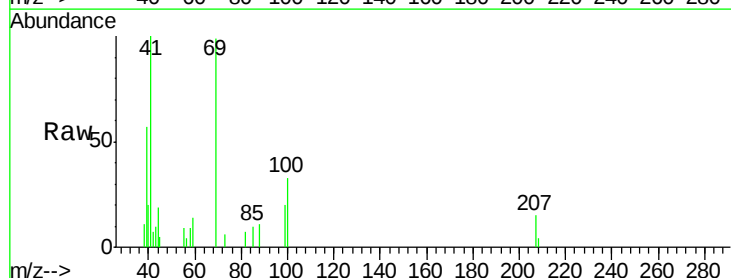
Tgt Ion: 41 Resp: 2853

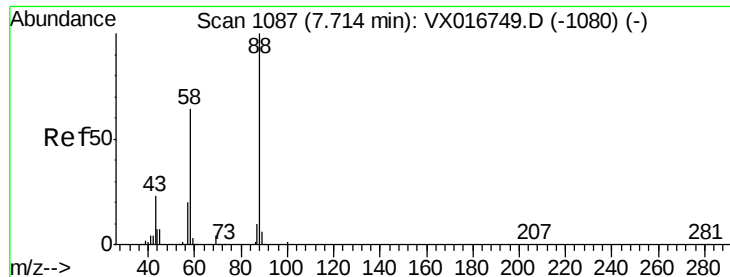
Ion Ratio Lower Upper

41 100

69 89.5 75.0 112.6

39 56.6 44.3 66.5





#49

1,4-Dioxane

Concen: 18.513 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

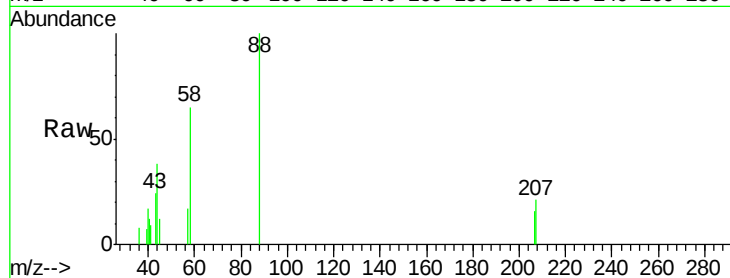
Tgt Ion: 88 Resp: 1541

Ion Ratio Lower Upper

88 100

43 29.2 22.9 34.3

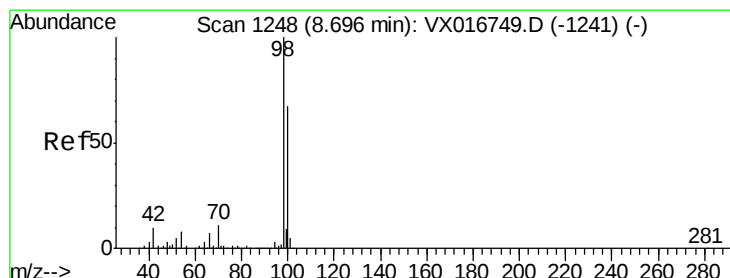
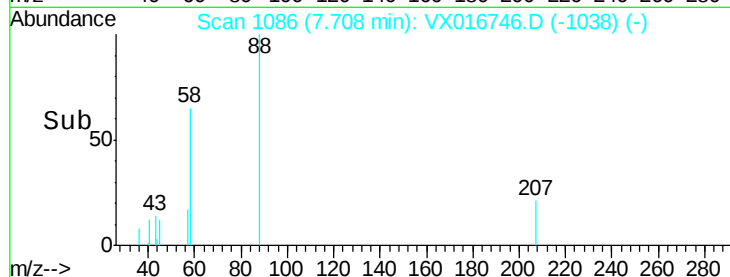
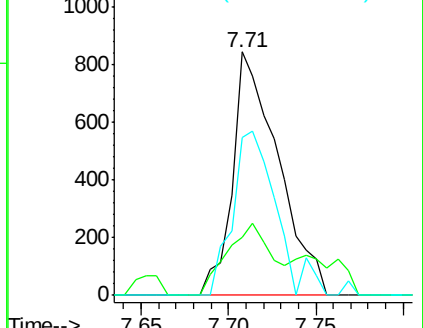
58 64.4 53.7 80.5



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 1.326 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016746.D

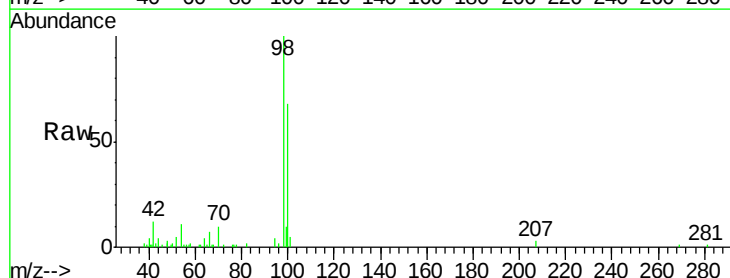
Acq: 15 Jun 2020 11:10

Tgt Ion: 98 Resp: 13500

Ion Ratio Lower Upper

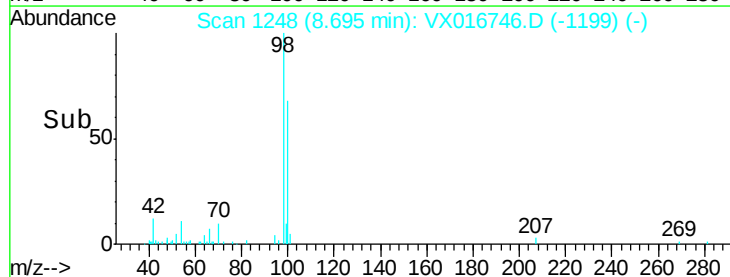
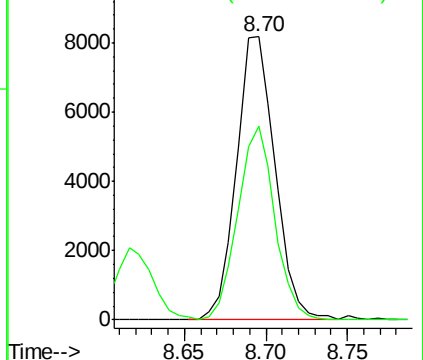
98 100

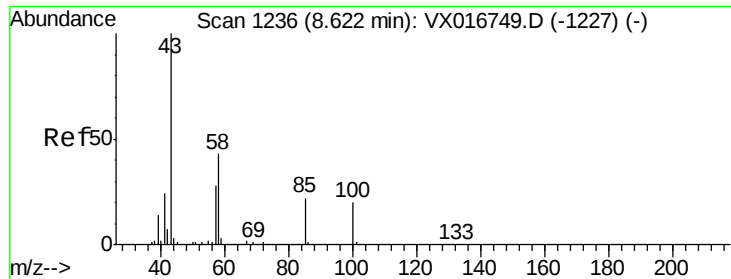
100 65.4 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 3.961 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

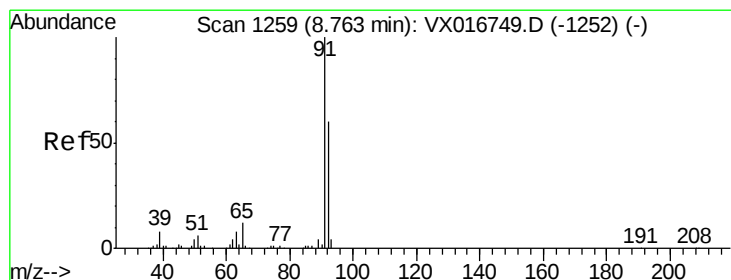
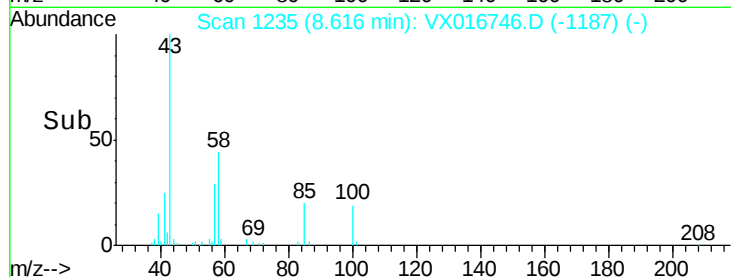
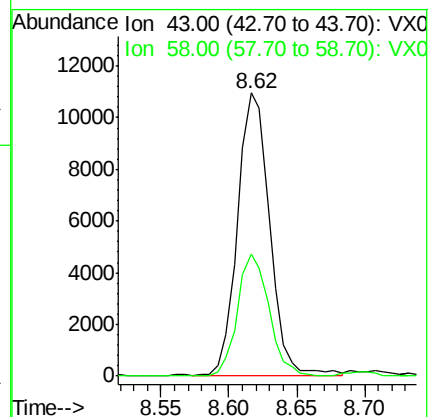
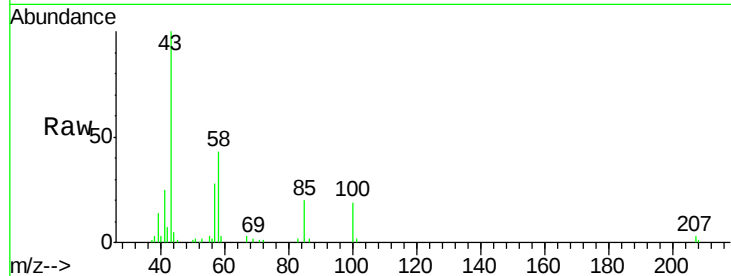
VSTDIC001

Tgt Ion: 43 Resp: 18151

Ion Ratio Lower Upper

43 100

58 42.0 34.6 52.0



#52

Toluene

Concen: 0.979 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX016746.D

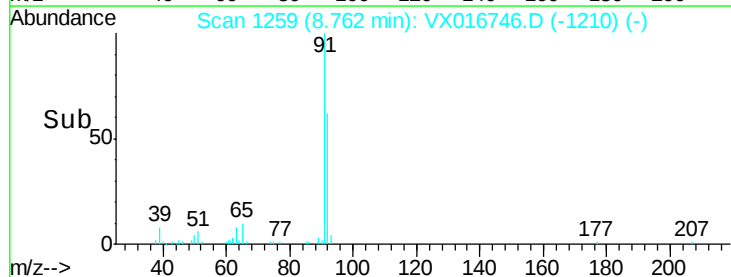
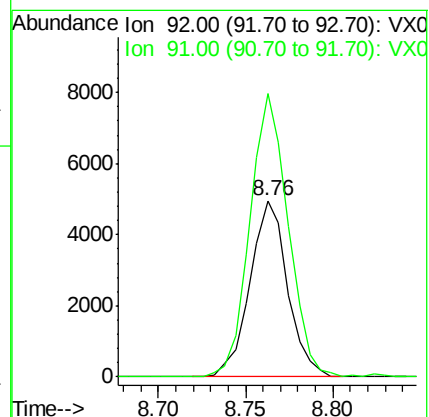
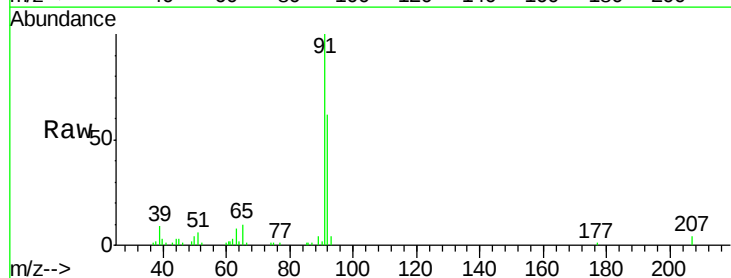
Acq: 15 Jun 2020 11:10

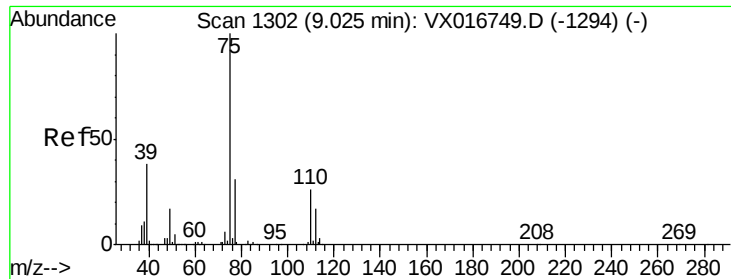
Tgt Ion: 92 Resp: 7412

Ion Ratio Lower Upper

92 100

91 163.0 136.1 204.1

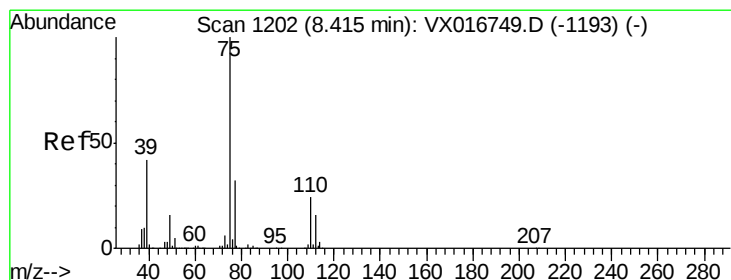
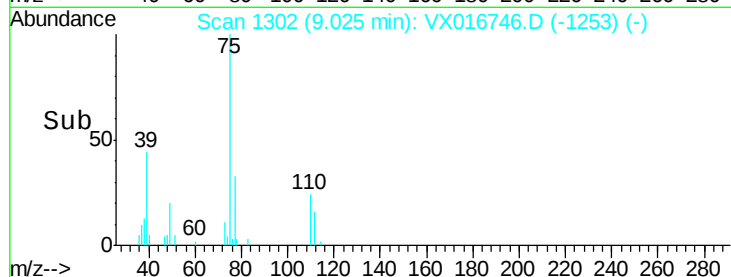
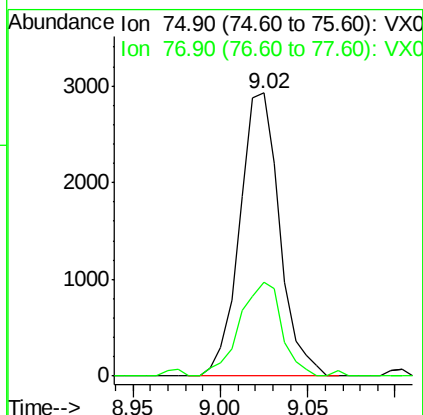
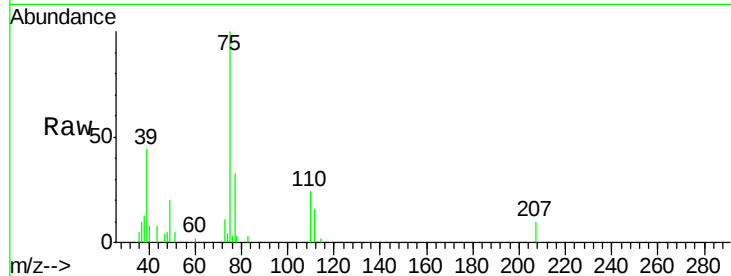




#53
 t-1,3-Dichloropropene
 Concen: 0.959 ug/l
 RT: 9.02 min Scan# 1302
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

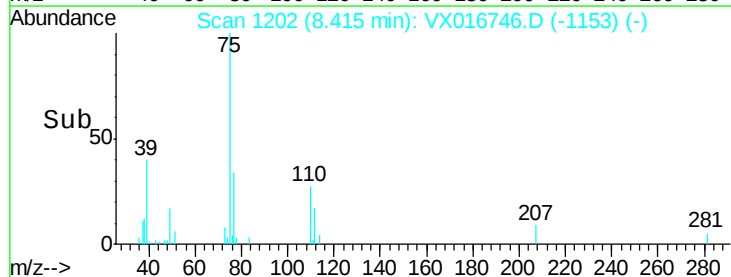
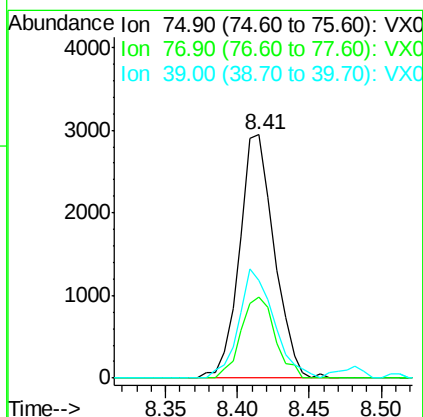
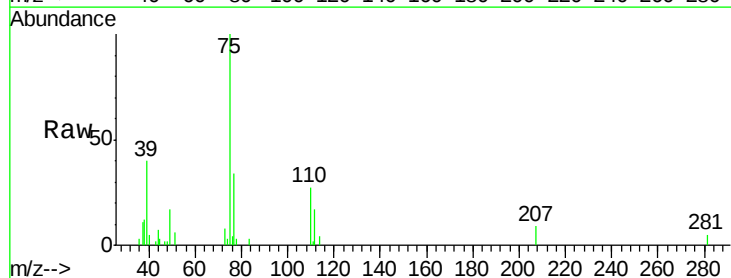
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

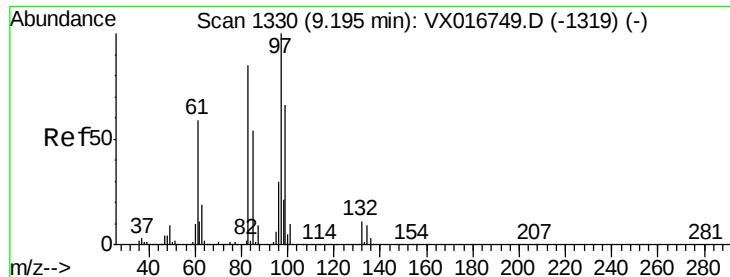
Tgt Ion: 75 Resp: 4639
 Ion Ratio Lower Upper
 75 100
 77 33.4 24.7 37.1



#54
 cis-1,3-Dichloropropene
 Concen: 0.964 ug/l
 RT: 8.41 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion: 75 Resp: 4921
 Ion Ratio Lower Upper
 75 100
 77 33.5 25.3 37.9
 39 39.9 33.7 50.5

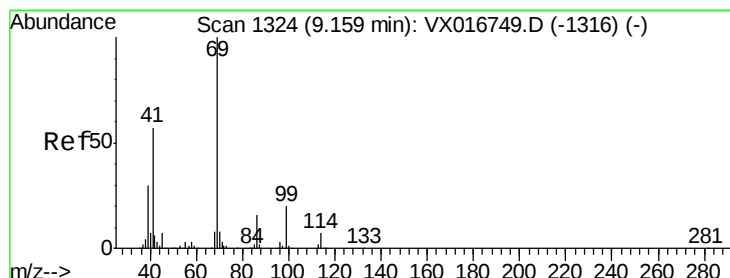
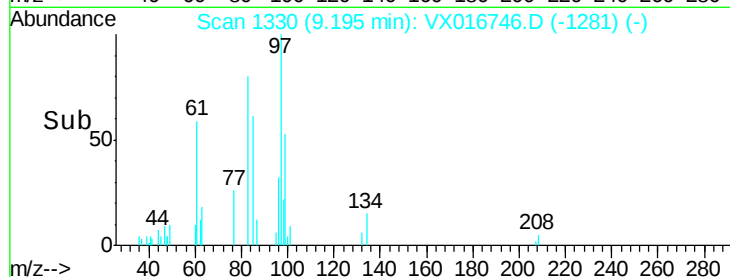
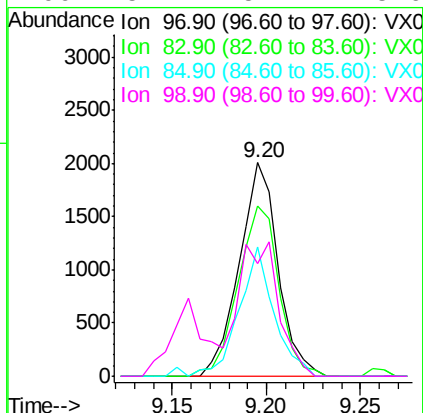
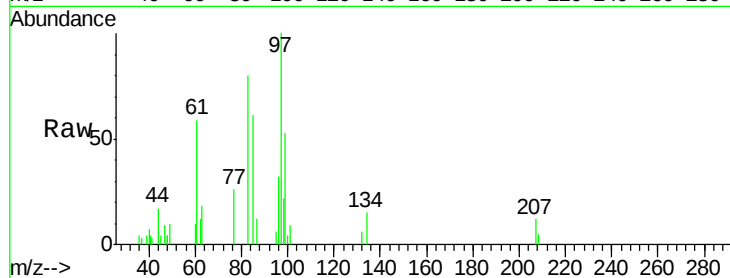




#55
 1,1,2-Trichloroethane
 Concen: 0.950 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

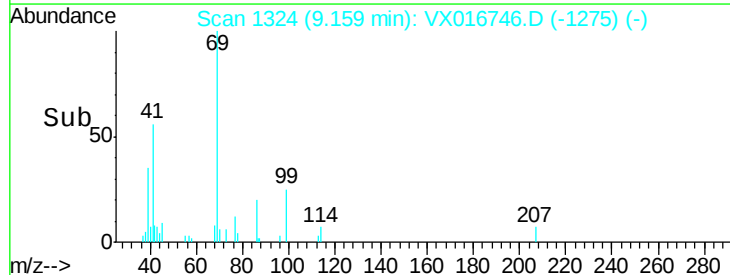
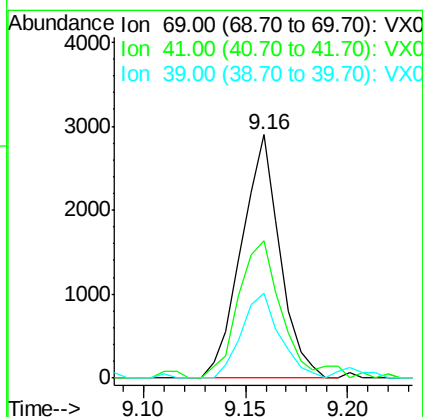
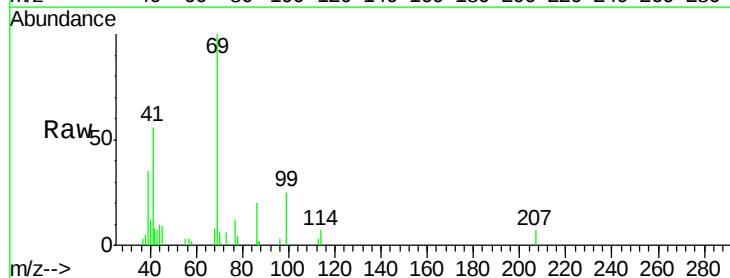
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

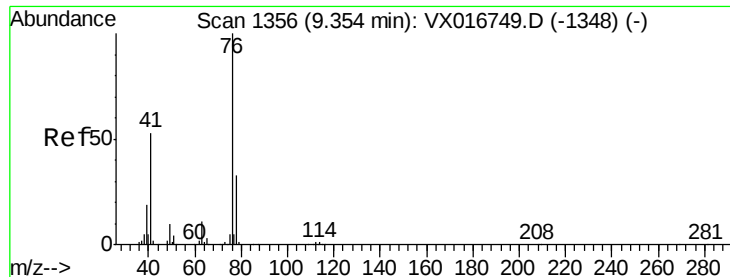
Tgt Ion:	97	Resp:	2865
Ion	Ratio	Lower	Upper
97	100		
83	79.5	68.3	102.5
85	60.8	43.5	65.3
99	52.7	52.4	78.6



#56
 Ethyl methacrylate
 Concen: 0.786 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion:	69	Resp:	3812
Ion	Ratio	Lower	Upper
69	100		
41	64.7	47.1	70.7
39	34.8	25.0	37.6





#57

1,3-Dichloropropane

Concen: 1.007 ug/l

RT: 9.35 min Scan# 1355

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

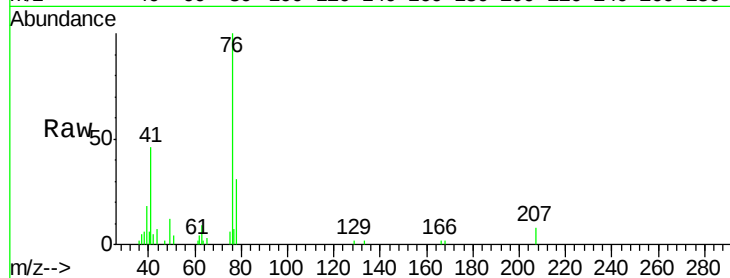
VSTDIC001

Tgt Ion: 76 Resp: 5173

Ion Ratio Lower Upper

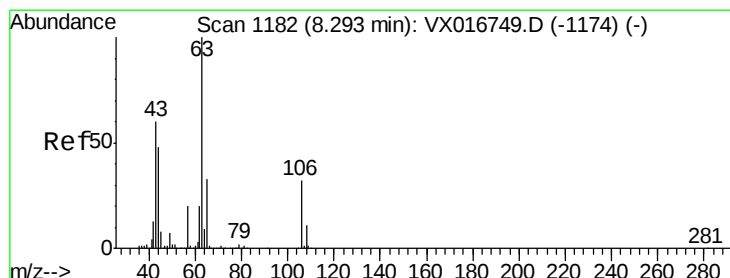
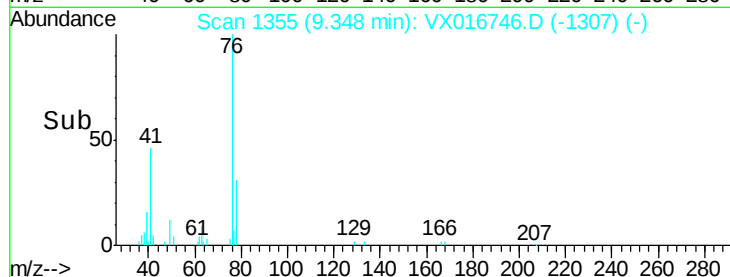
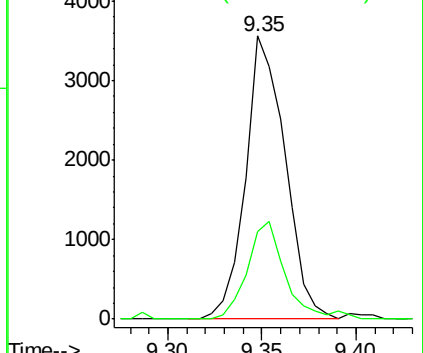
76 100

78 33.2 25.7 38.5



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 3.327 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016746.D

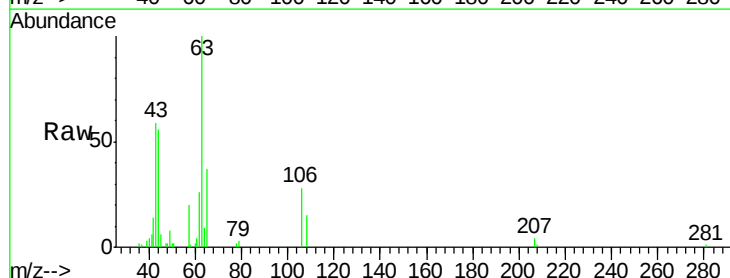
Acq: 15 Jun 2020 11:10

Tgt Ion: 63 Resp: 8412

Ion Ratio Lower Upper

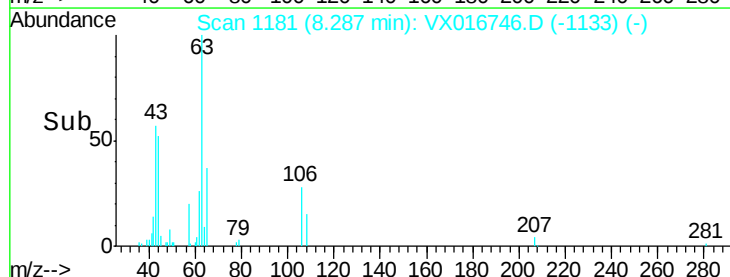
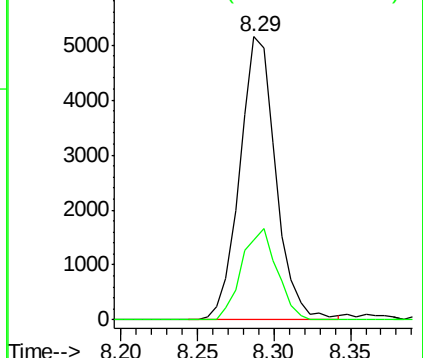
63 100

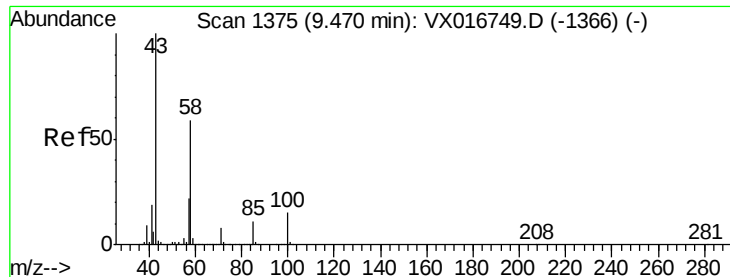
106 31.7 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

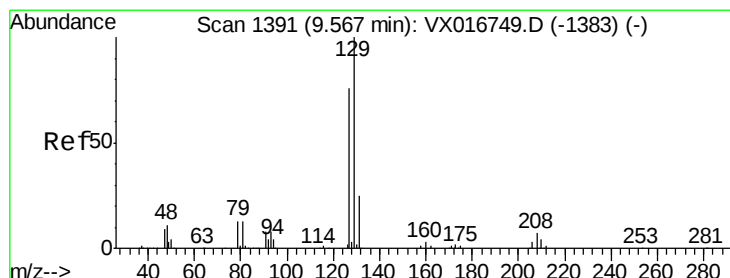
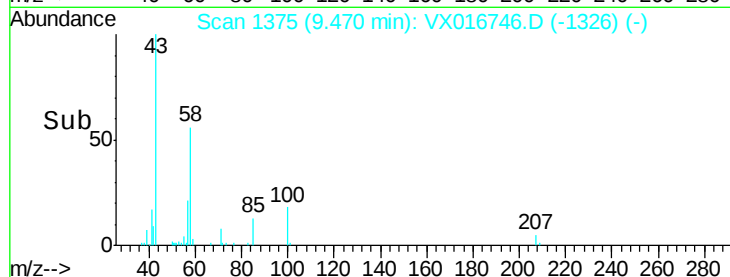
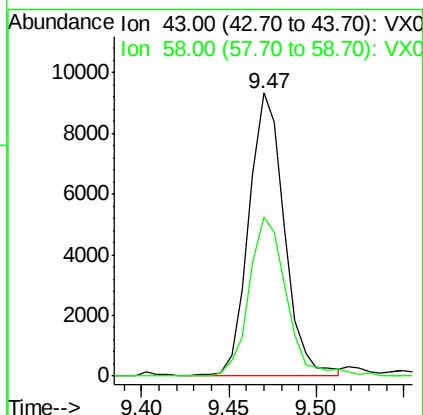
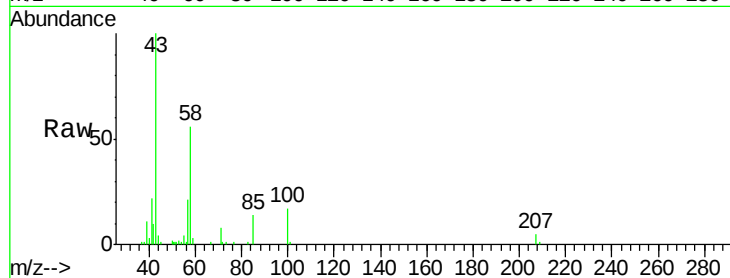




#59
2-Hexanone
Concen: 3.731 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

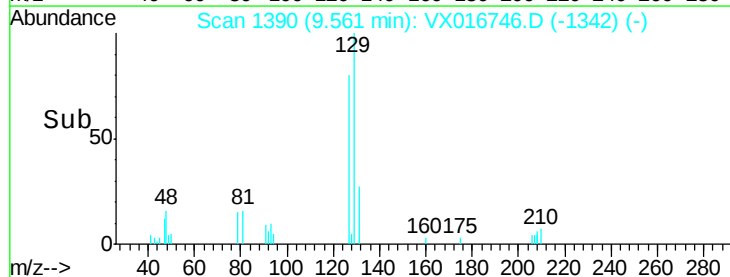
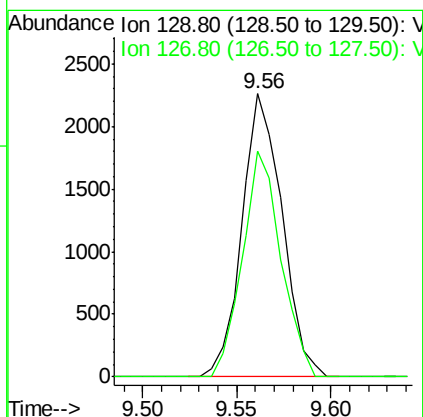
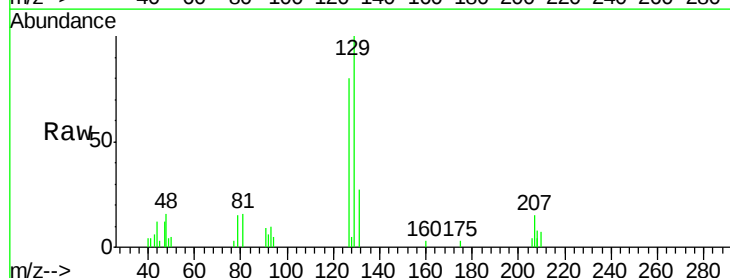
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

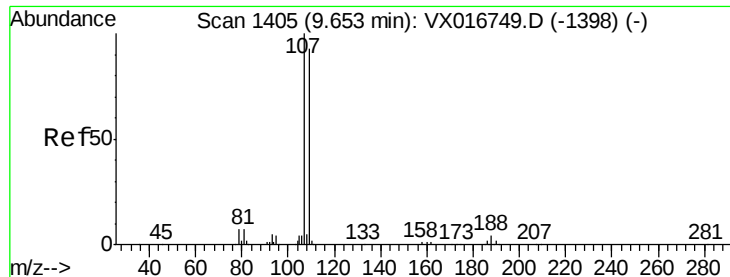
Tgt Ion: 43 Resp: 13279
Ion Ratio Lower Upper
43 100
58 58.6 29.9 89.8



#60
Dibromochloromethane
Concen: 0.974 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion: 129 Resp: 3333
Ion Ratio Lower Upper
129 100
127 76.6 38.7 116.1





#61

1,2-Dibromoethane

Concen: 0.969 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

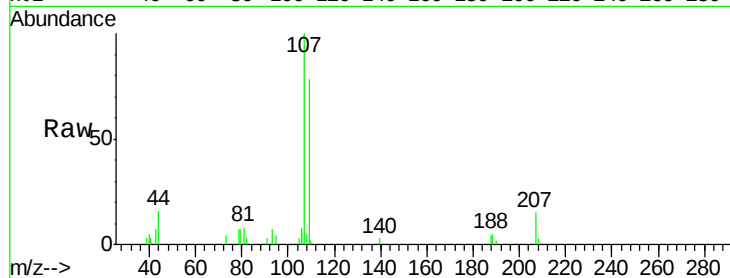
VSTDIC001

Tgt Ion: 107 Resp: 3144

Ion Ratio Lower Upper

107 100

109 86.0 74.2 111.4



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.65

2500

2000

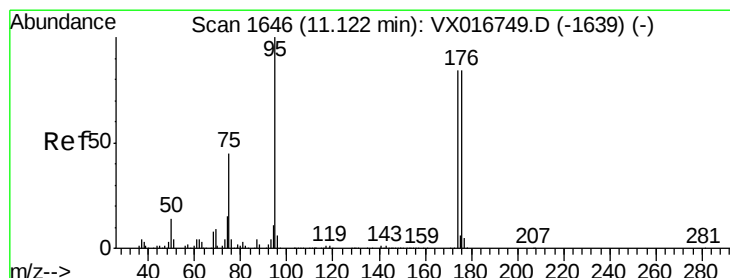
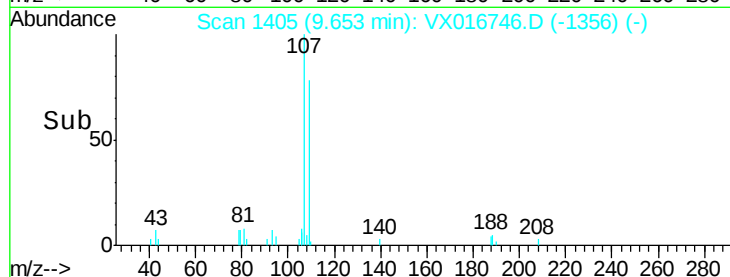
1500

1000

500

0

Time--> 9.60 9.65 9.70



#62

4-Bromofluorobenzene

Concen: 1.144 ug/l

RT: 11.12 min Scan# 1645

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

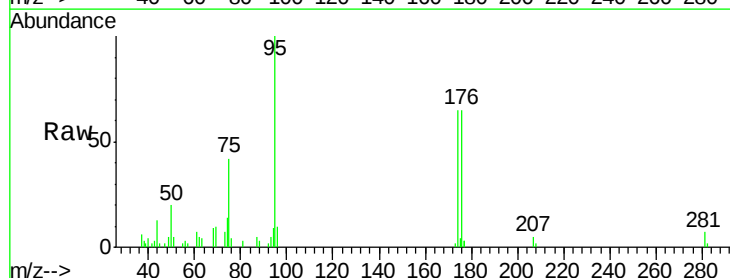
Tgt Ion: 95 Resp: 4508

Ion Ratio Lower Upper

95 100

174 88.2 0.0 171.0

176 88.4 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

11.12

4000

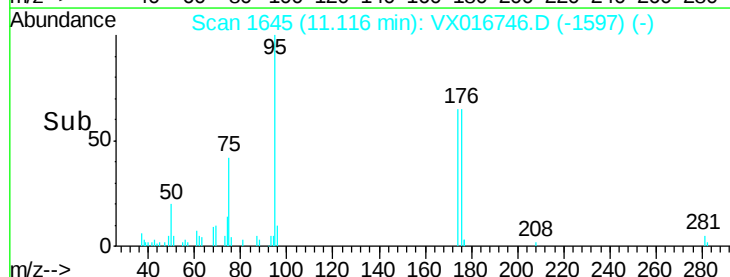
3000

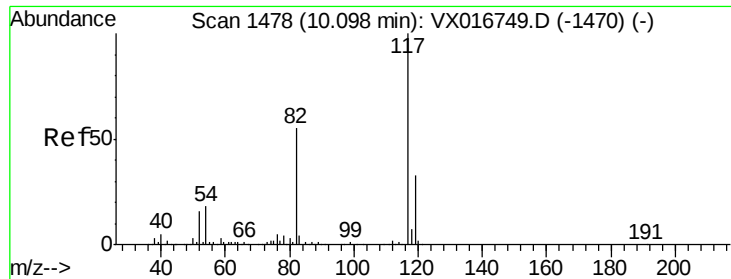
2000

1000

0

Time--> 11.05 11.10 11.15

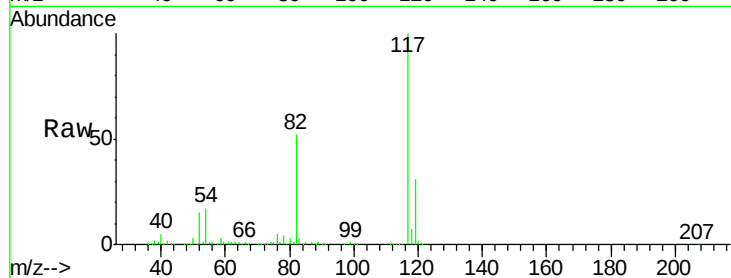




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.5	43.8	65.6
119	31.1	26.2	39.4

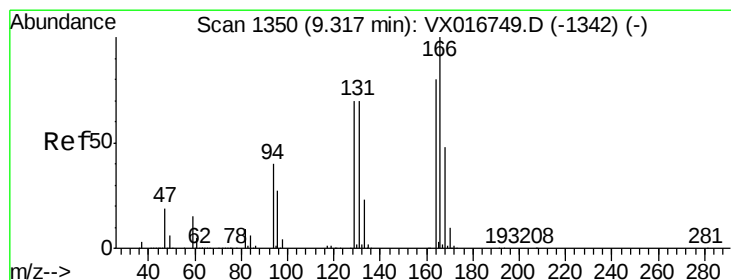
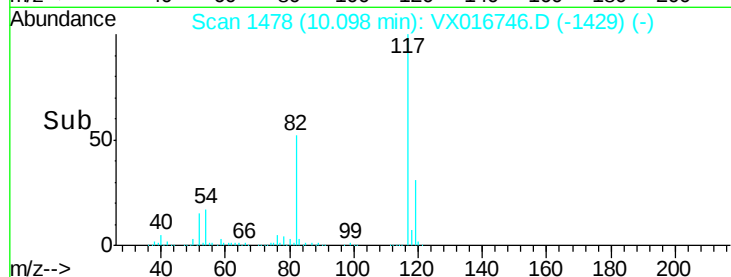
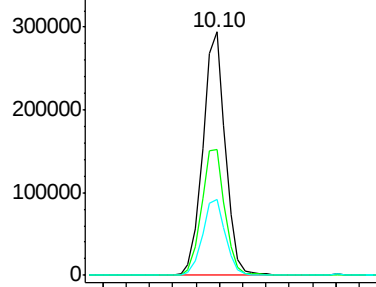


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 1.011 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.2	100.6	150.8
129	93.4	70.1	105.1
131	94.9	70.8	106.2

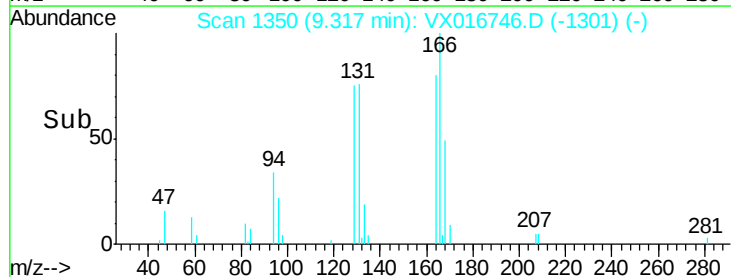
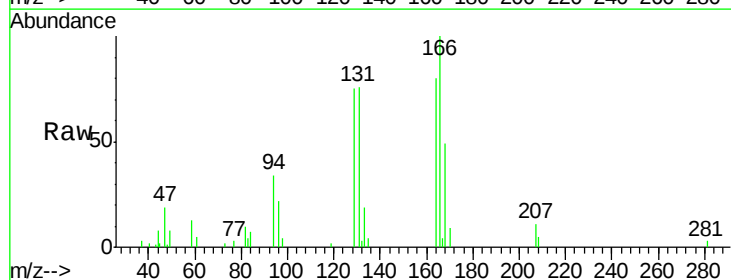
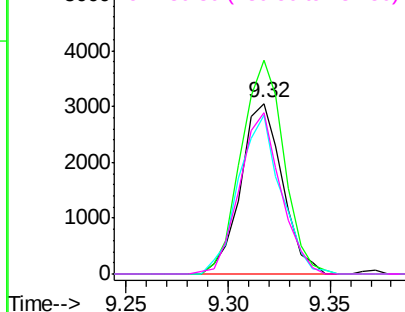
Abundance

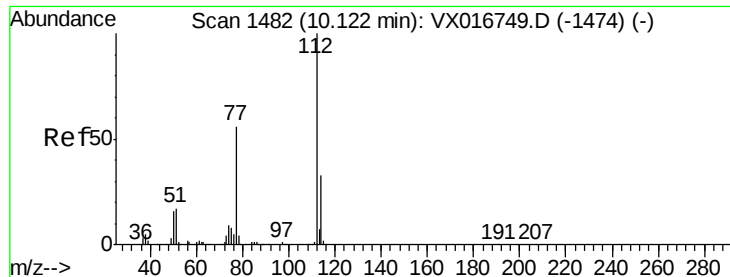
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 1.040 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

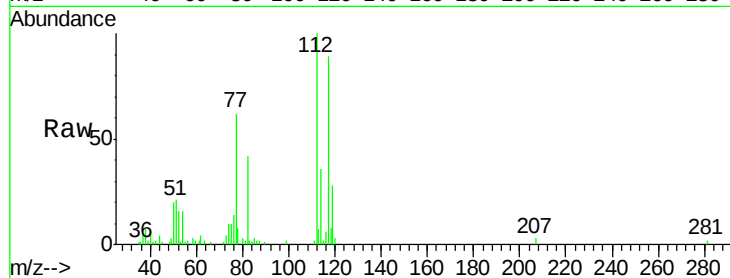
VSTDIC001

Tgt Ion:112 Resp: 8282

Ion Ratio Lower Upper

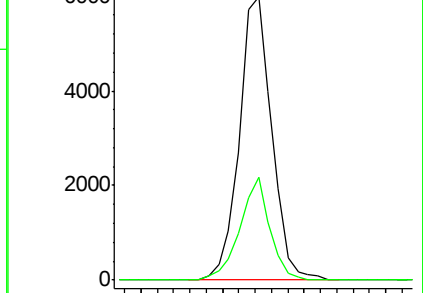
112 100

114 36.3 26.2 39.4

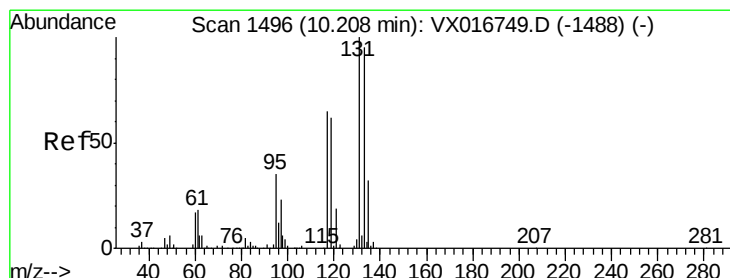
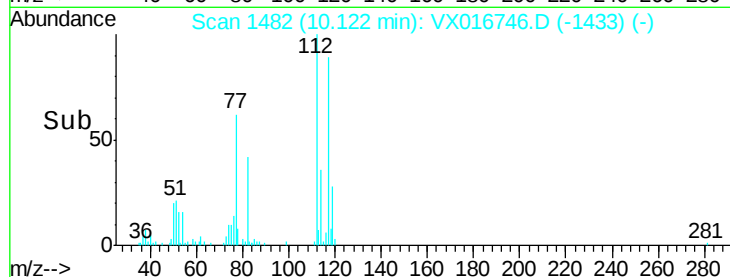


Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 1.063 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

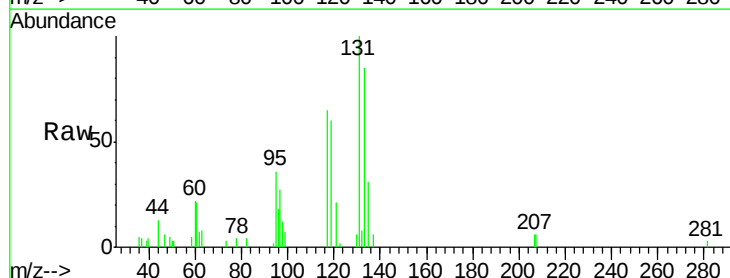
Tgt Ion:131 Resp: 3264

Ion Ratio Lower Upper

131 100

133 96.0 46.8 140.3

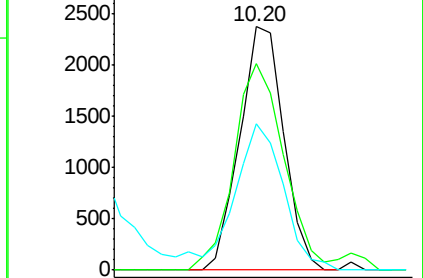
119 0.0 31.4 94.0#



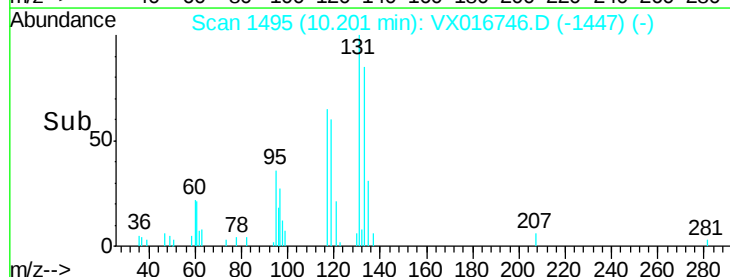
Abundance Ion 130.80 (130.50 to 131.50): V

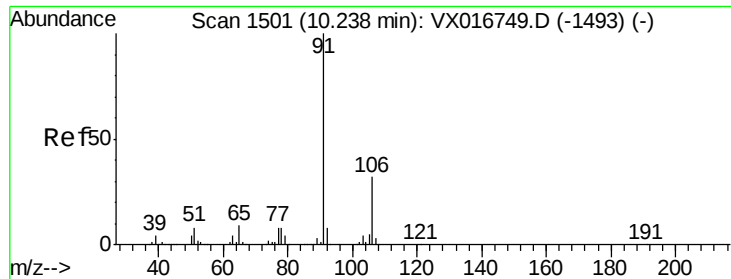
Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



Time-->

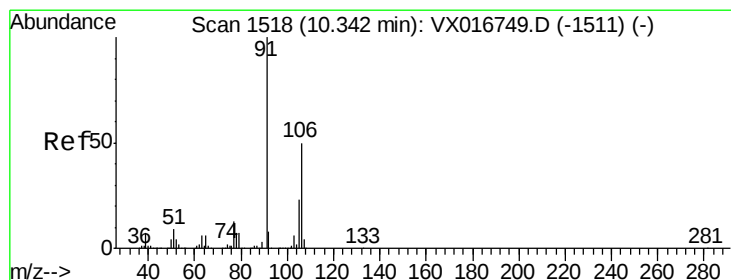
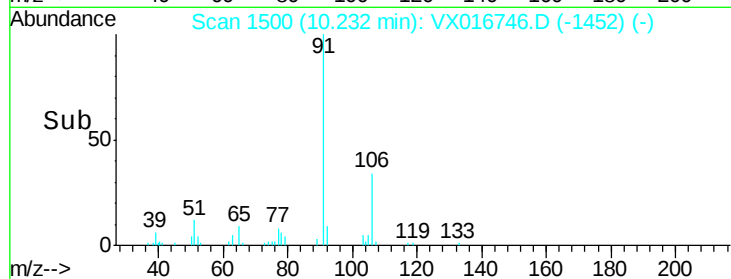
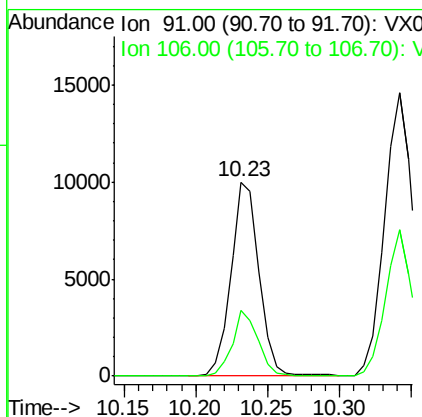
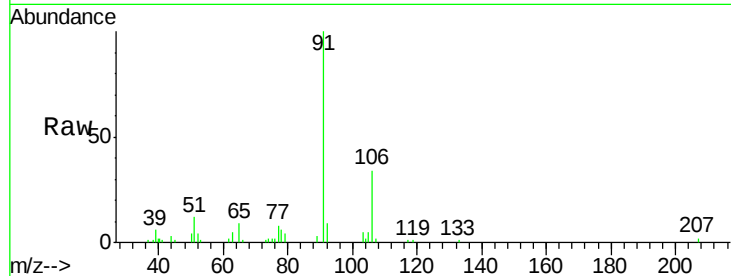




#67
Ethyl Benzene
Concen: 0.970 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.01 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

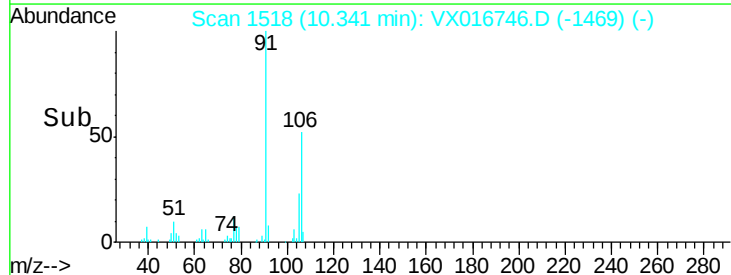
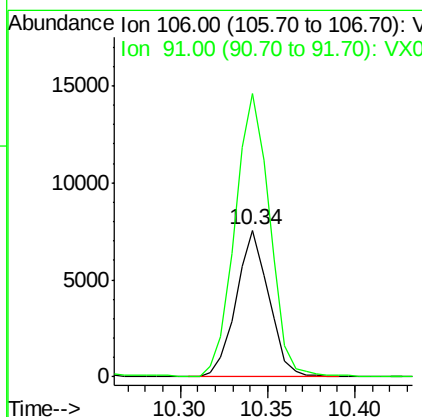
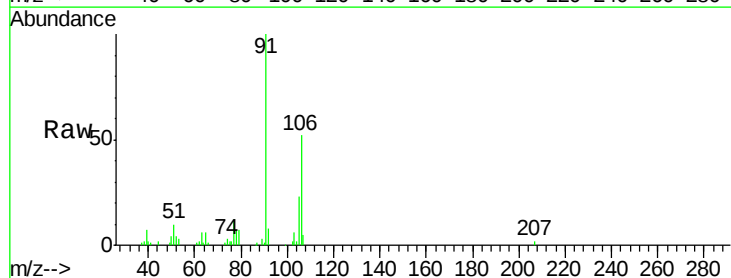
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

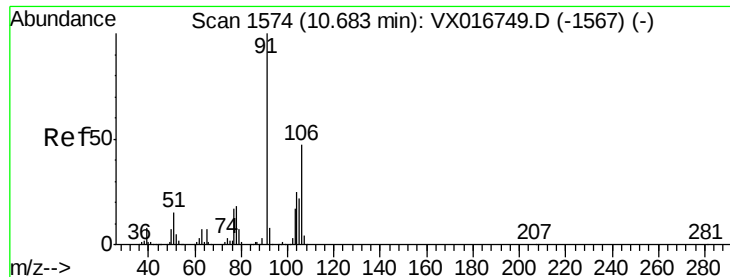
Tgt Ion: 91 Resp: 13677
Ion Ratio Lower Upper
91 100
106 33.9 25.3 37.9



#68
m/p-Xylenes
Concen: 1.872 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion: 106 Resp: 9837
Ion Ratio Lower Upper
106 100
91 206.3 161.2 241.8

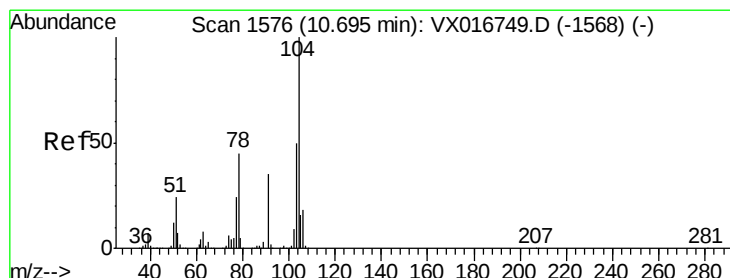
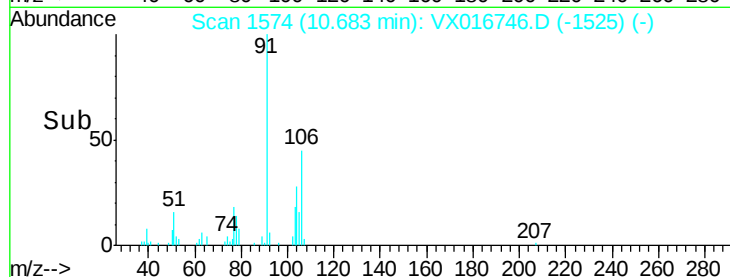
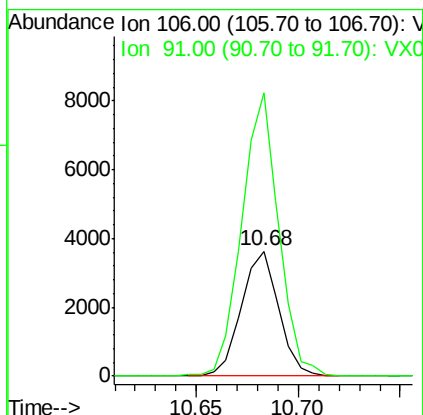
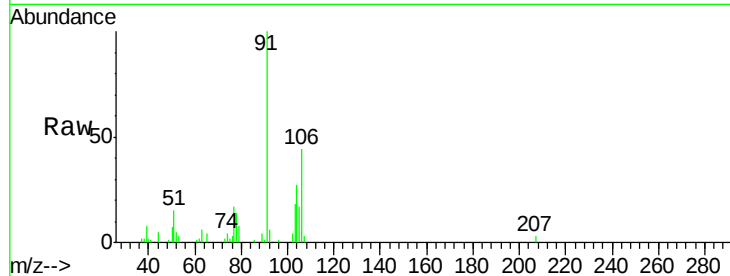




#69
o-Xylene
Concen: 0.906 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

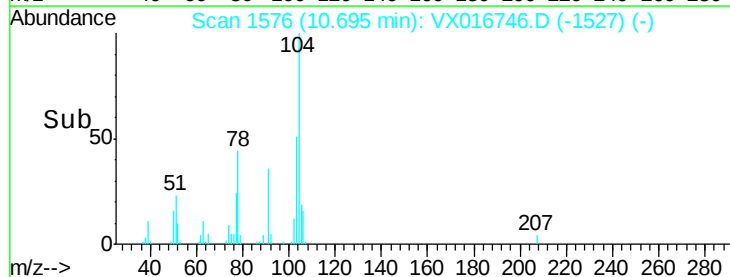
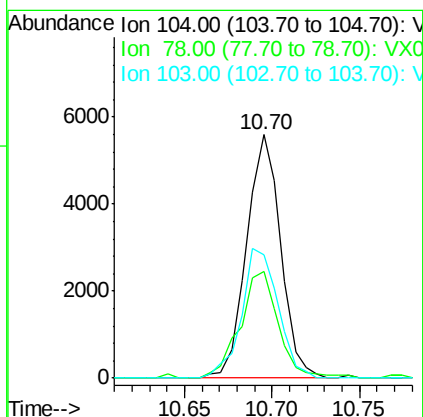
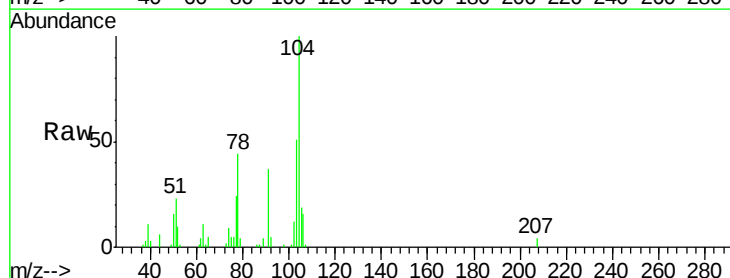
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

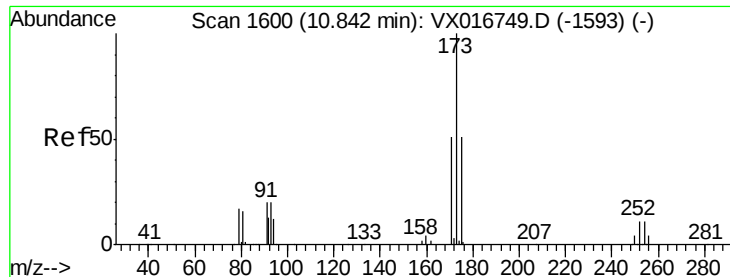
Tgt Ion:106 Resp: 4617
Ion Ratio Lower Upper
106 100
91 223.6 106.9 320.8



#70
Styrene
Concen: 0.865 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion:104 Resp: 7559
Ion Ratio Lower Upper
104 100
78 49.6 39.8 59.8
103 57.3 43.4 65.2





#71

Bromoform

Concen: 0.985 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

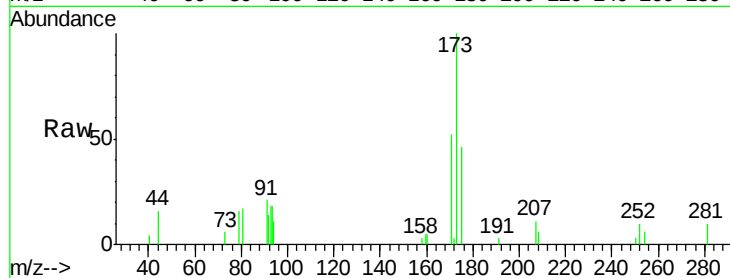
Tgt Ion:173 Resp: 2546

Ion Ratio Lower Upper

173 100

175 51.4 25.1 75.4

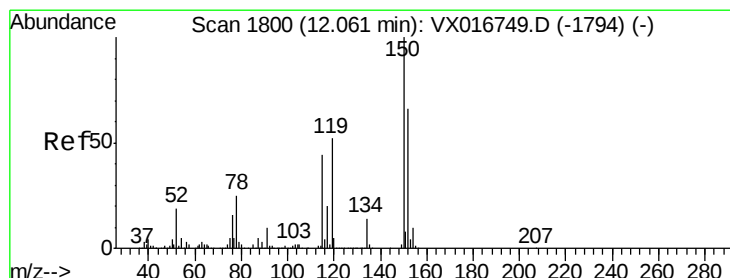
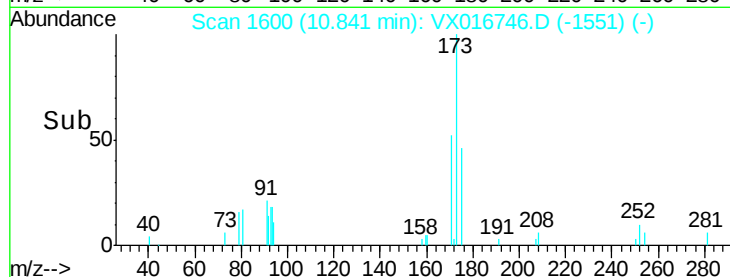
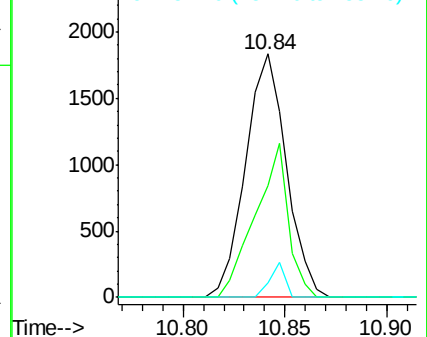
254 5.3 0.1 0.1#



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: VX016746.D

Acq: 15 Jun 2020 11:10

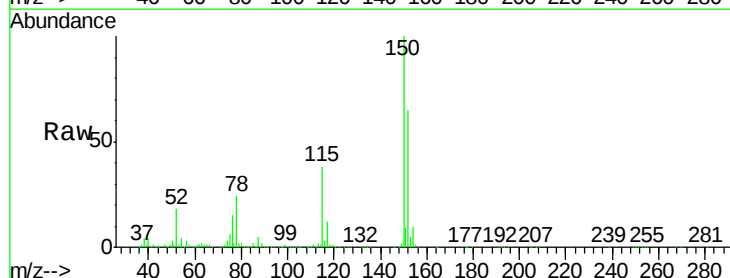
Tgt Ion:152 Resp: 186123

Ion Ratio Lower Upper

152 100

115 58.3 40.3 120.8

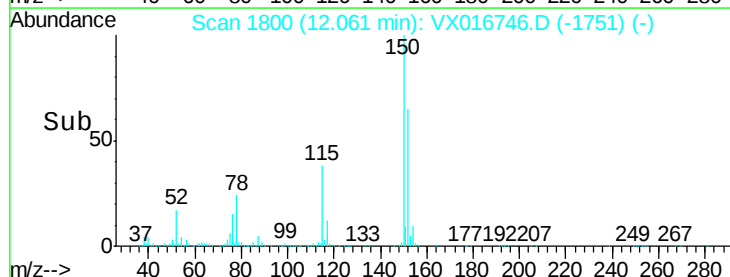
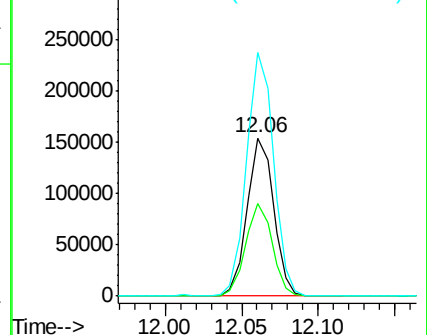
150 156.3 0.0 337.4

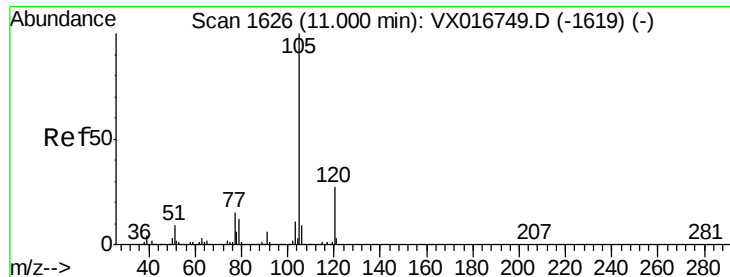


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.982 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampled :

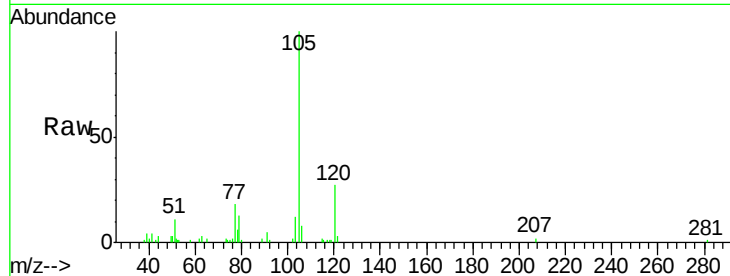
VSTDIC001

Tgt Ion: 105 Resp: 12528

Ion Ratio Lower Upper

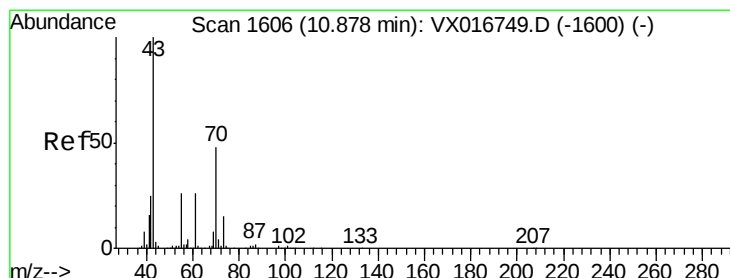
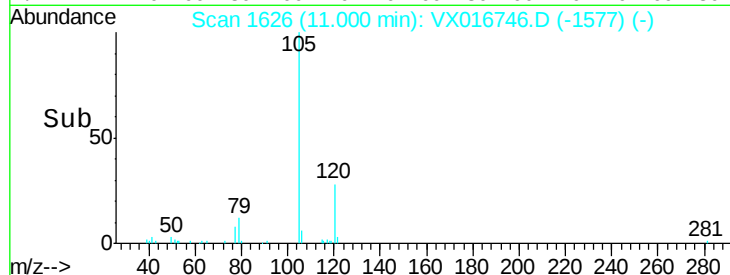
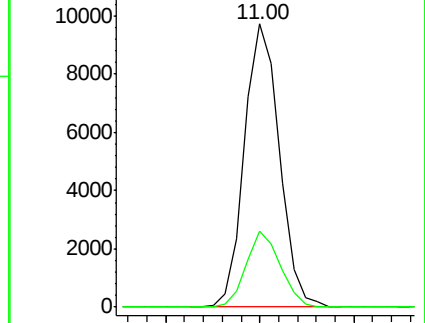
105 100

120 25.9 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: 0.729 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Tgt Ion: 43 Resp: 4158

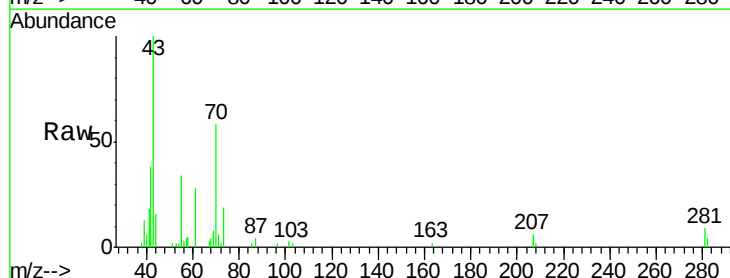
Ion Ratio Lower Upper

43 100

70 53.8 39.8 59.6

55 30.0 21.7 32.5

61 26.5 21.6 32.4

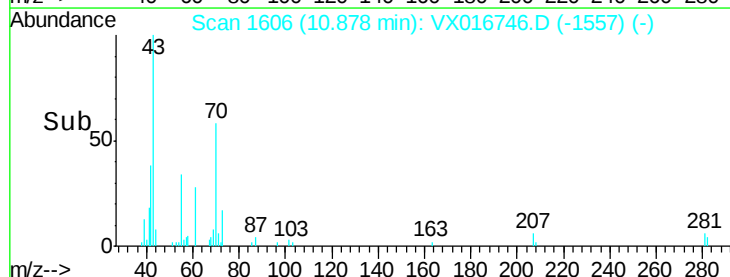
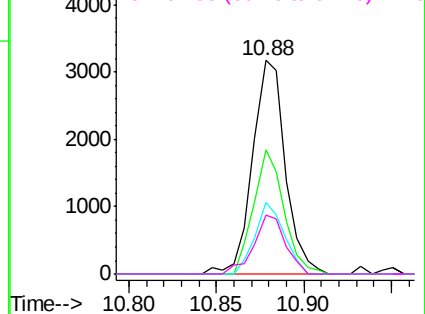


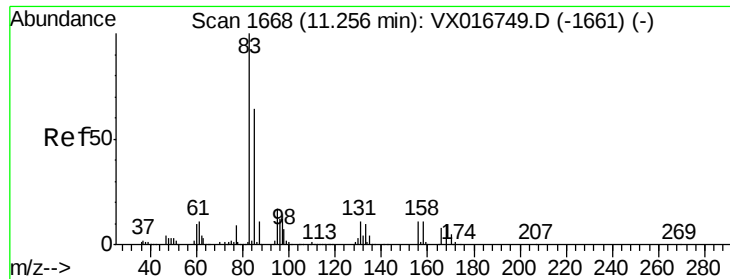
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.124 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

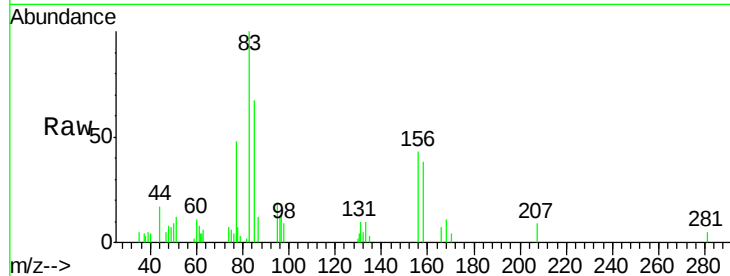
Tgt Ion: 83 Resp: 3635

Ion Ratio Lower Upper

83 100

131 12.8 5.7 17.0

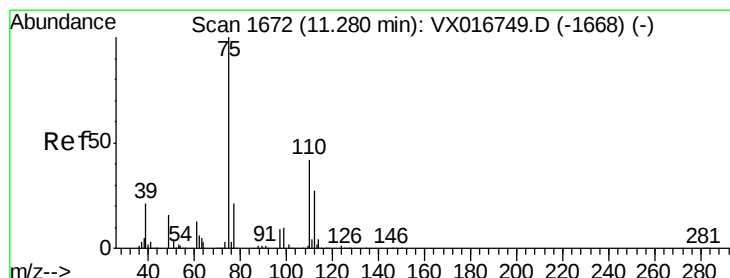
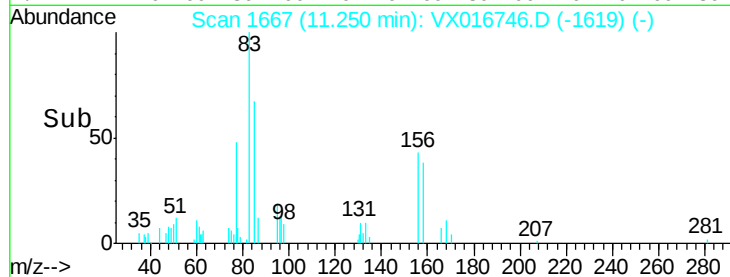
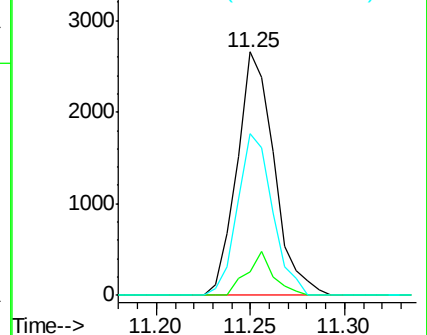
85 62.7 32.4 97.2



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: 1.351 ug/l

RT: 11.29 min Scan# 1673

Delta R.T. 0.01 min

Lab File: VX016746.D

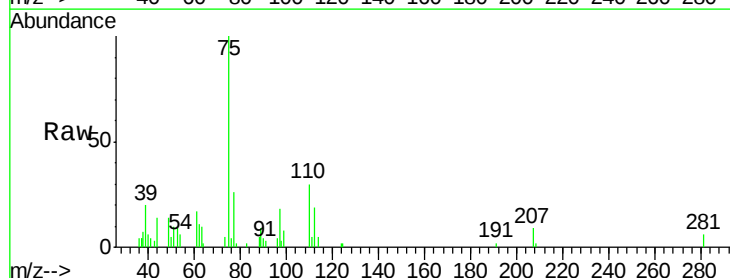
Acq: 15 Jun 2020 11:10

Tgt Ion: 75 Resp: 5425

Ion Ratio Lower Upper

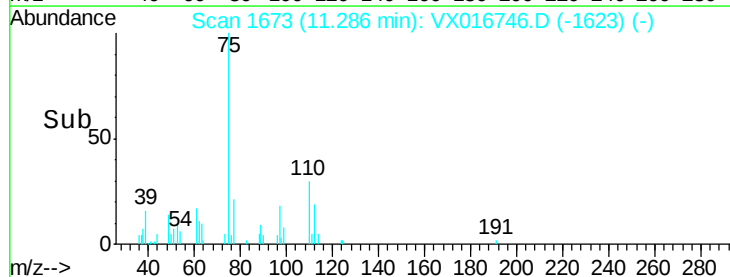
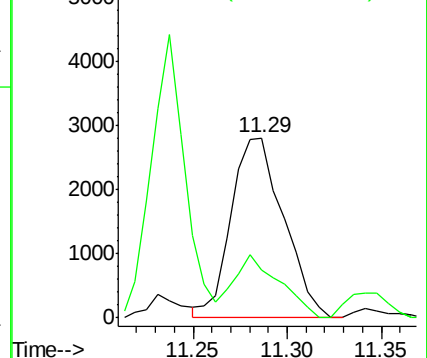
75 100

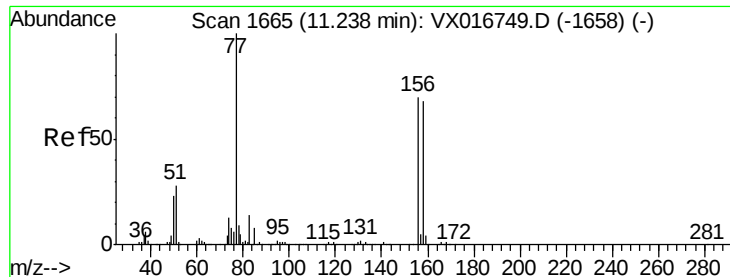
77 30.5 20.3 60.9



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.083 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

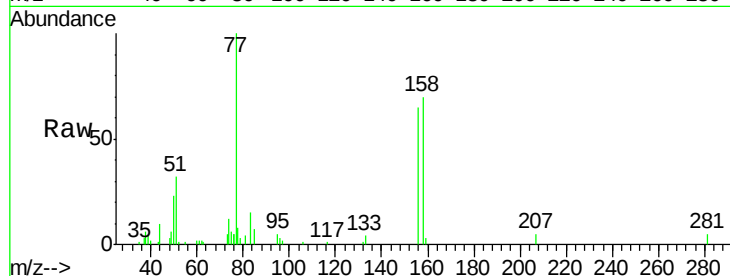
Tgt Ion:156 Resp: 3650

Ion Ratio Lower Upper

156 100

77 151.6 73.2 219.6

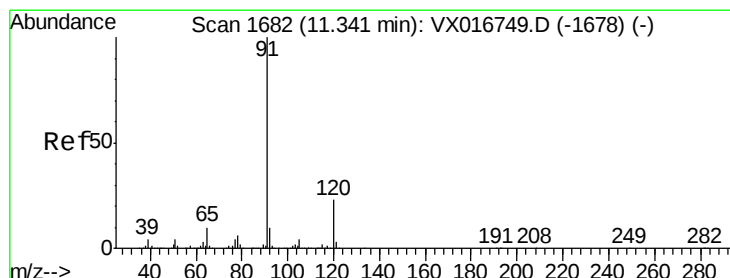
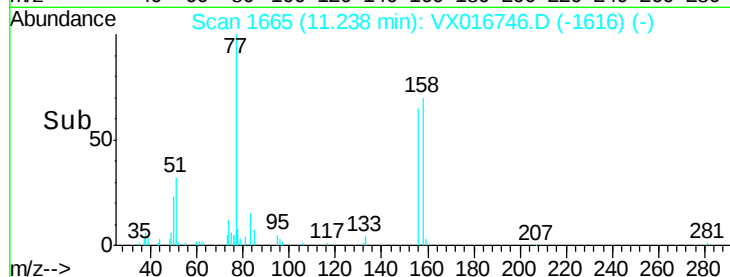
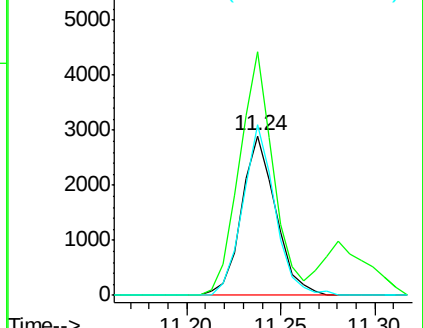
158 100.3 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 0.917 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX016746.D

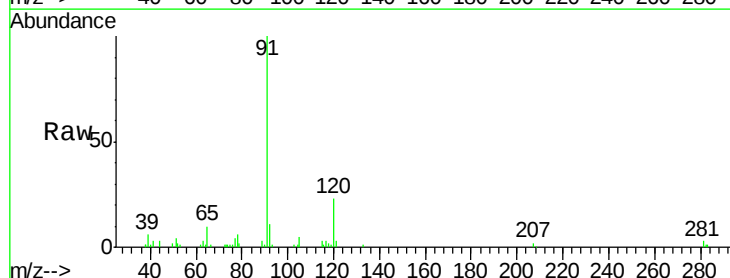
Acq: 15 Jun 2020 11:10

Tgt Ion: 91 Resp: 13023

Ion Ratio Lower Upper

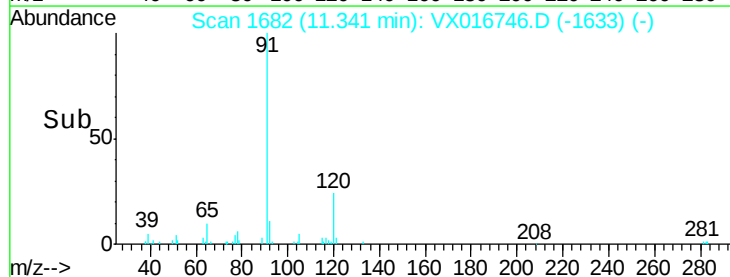
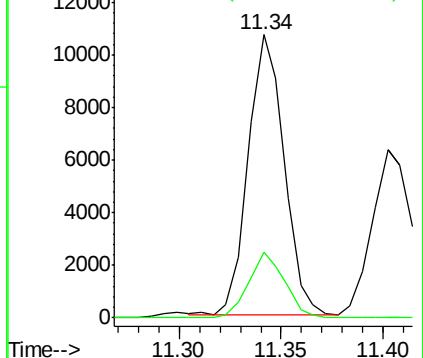
91 100

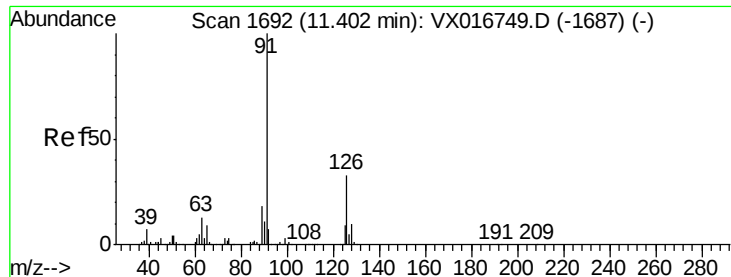
120 23.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

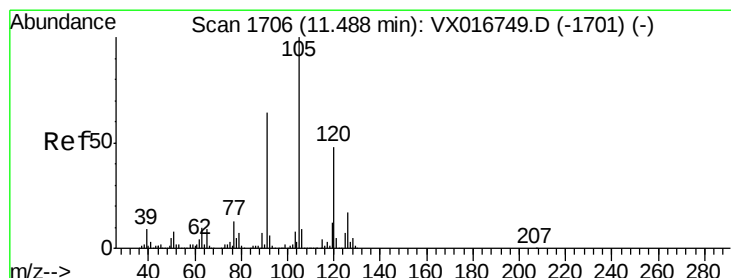
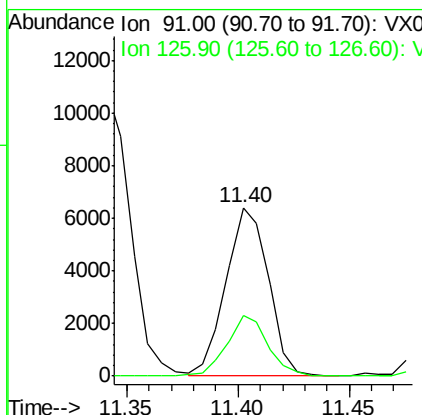
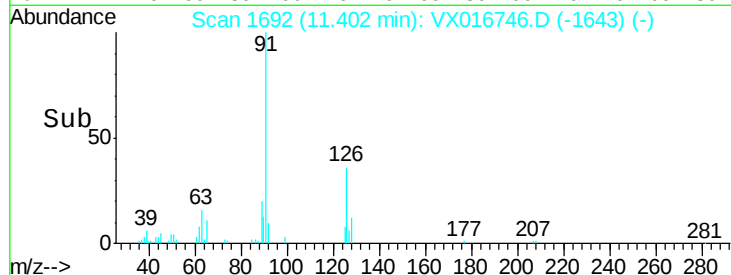
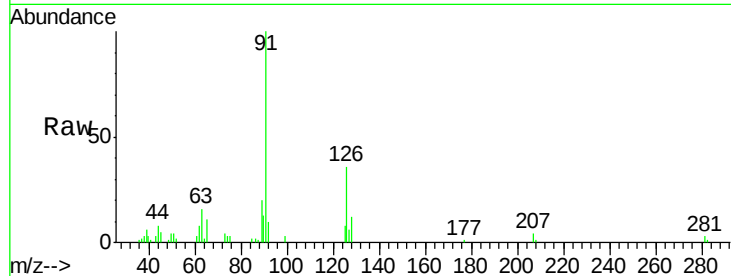




#79
 2-Chlorotoluene
 Concen: 0.979 ug/l
 RT: 11.40 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

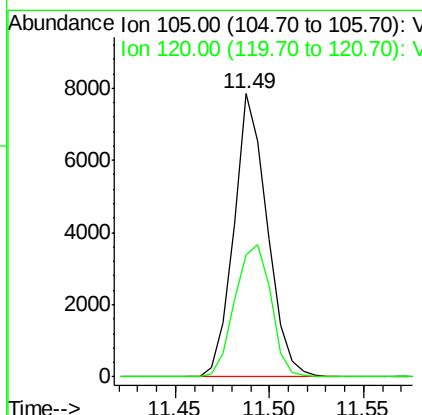
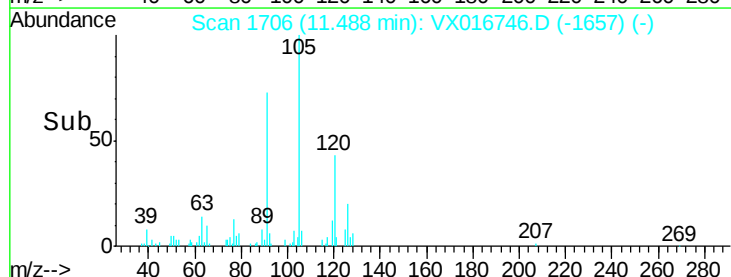
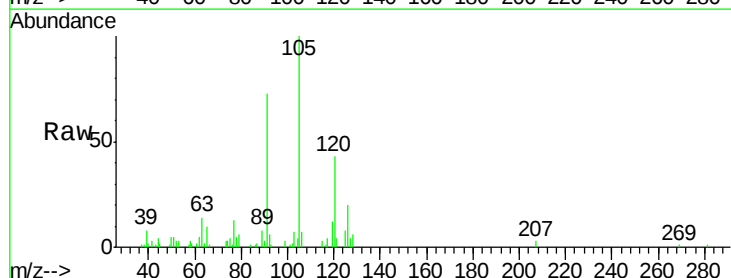
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

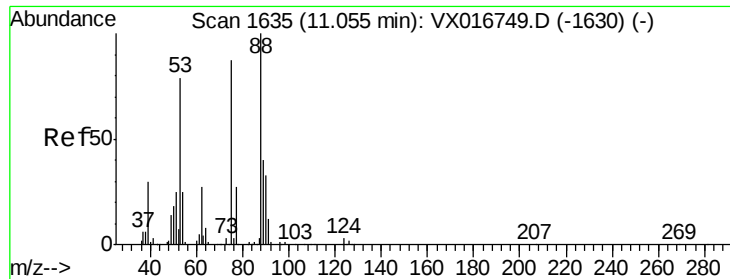
Tgt Ion: 91 Resp: 8494
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.2 51.5



#80
 1,3,5-Trimethylbenzene
 Concen: 0.904 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion: 105 Resp: 9630
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 0.935 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

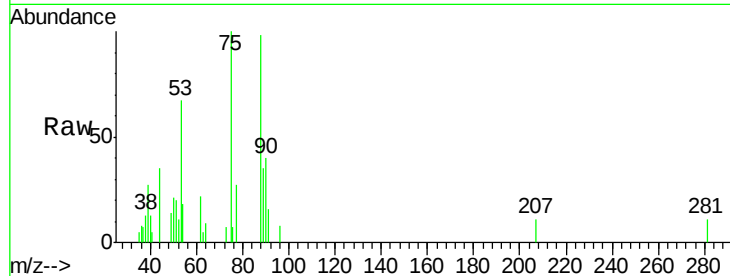
Tgt Ion: 75 Resp: 1524

Ion Ratio Lower Upper

75 100

53 81.8 71.4 107.0

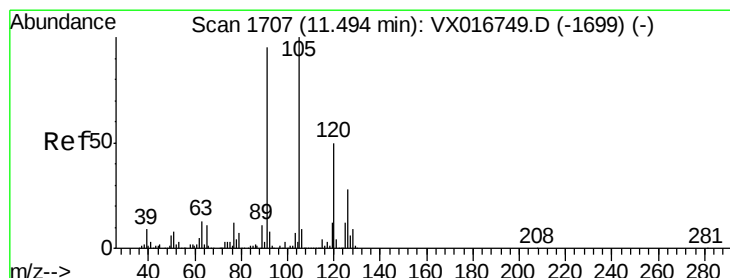
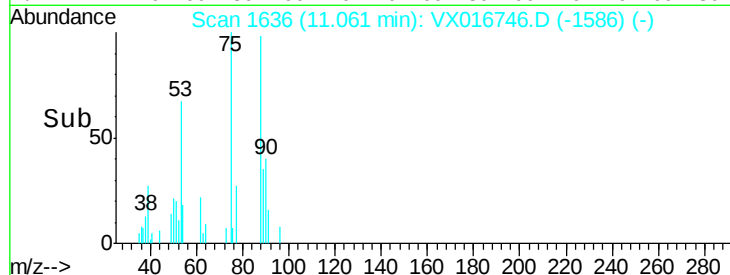
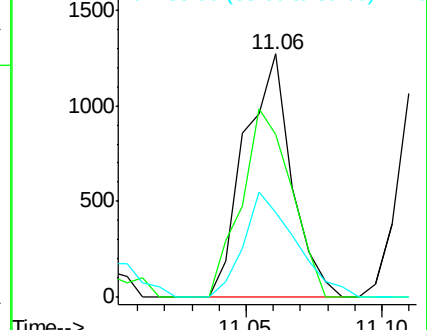
89 47.6 39.1 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.952 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX016746.D

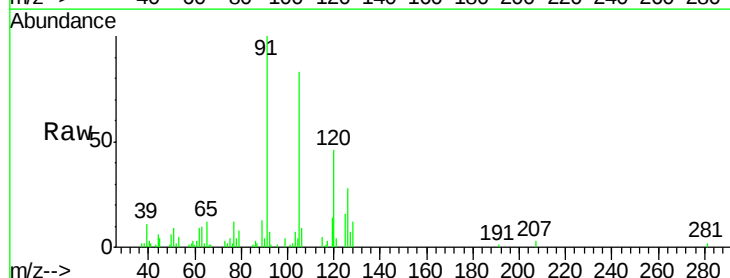
Acq: 15 Jun 2020 11:10

Tgt Ion: 91 Resp: 9727

Ion Ratio Lower Upper

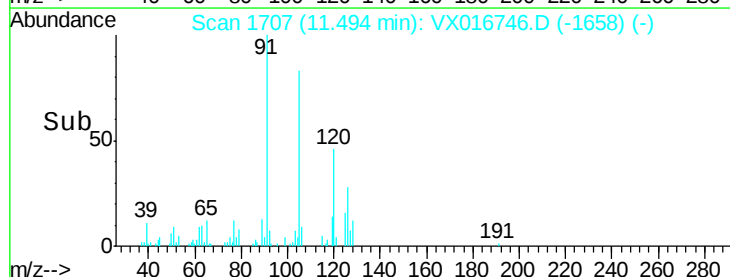
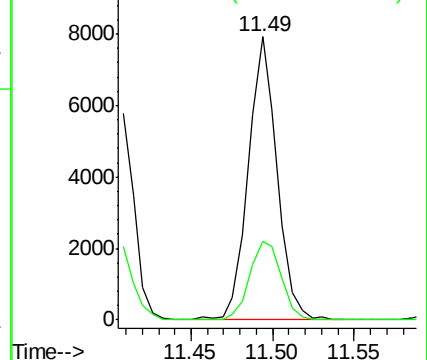
91 100

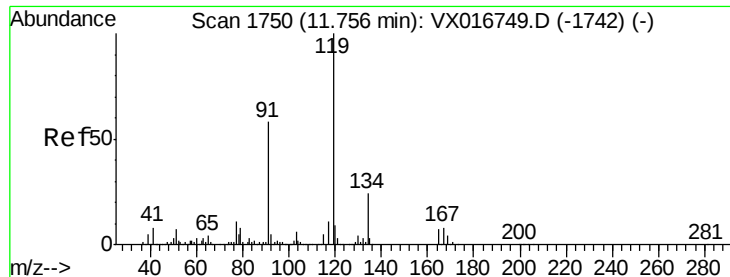
126 30.4 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

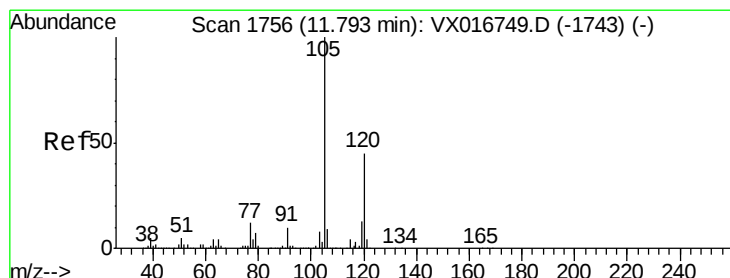
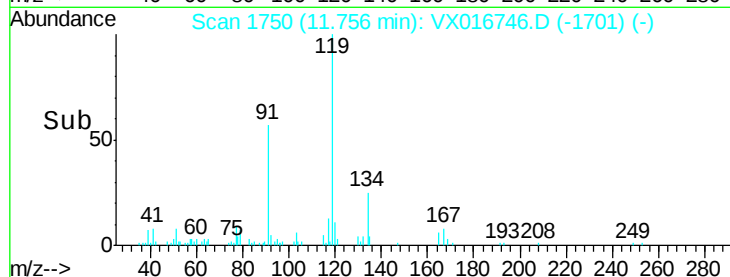
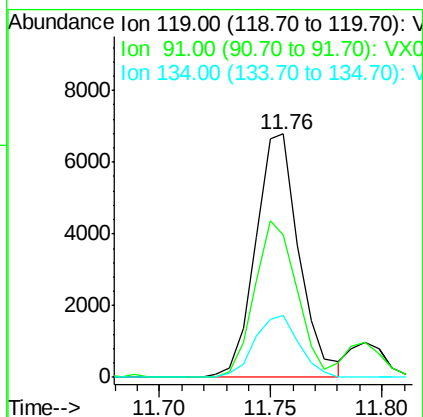
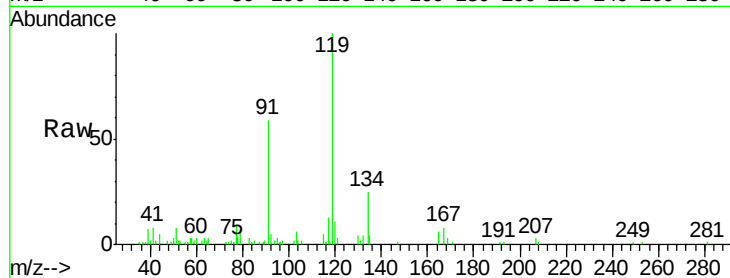




#83
 tert-Butylbenzene
 Concen: 1.007 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

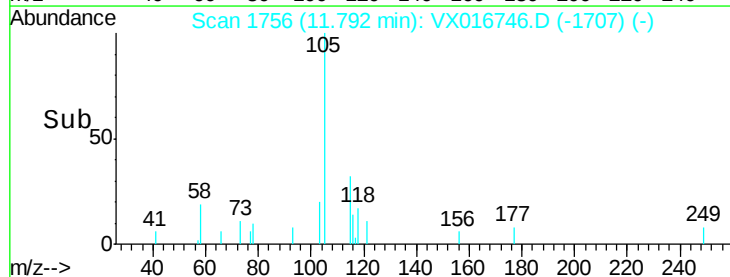
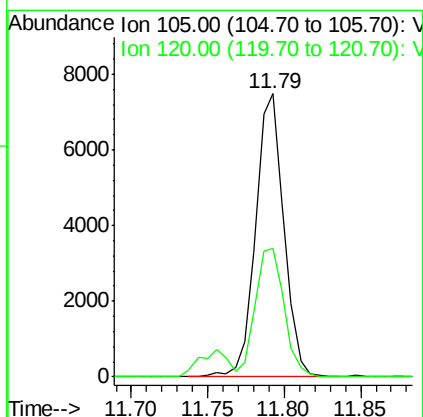
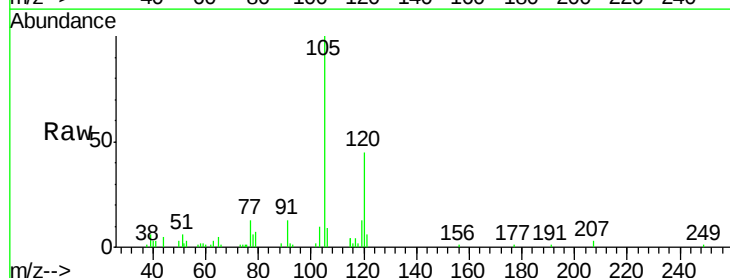
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

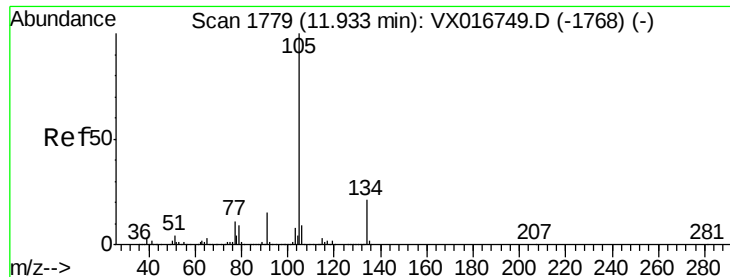
Tgt Ion:119 Resp: 9257
 Ion Ratio Lower Upper
 119 100
 91 62.0 29.3 88.0
 134 25.8 11.8 35.3



#84
 1,2,4-Trimethylbenzene
 Concen: 0.894 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion:105 Resp: 9628
 Ion Ratio Lower Upper
 105 100
 120 46.3 22.6 67.8

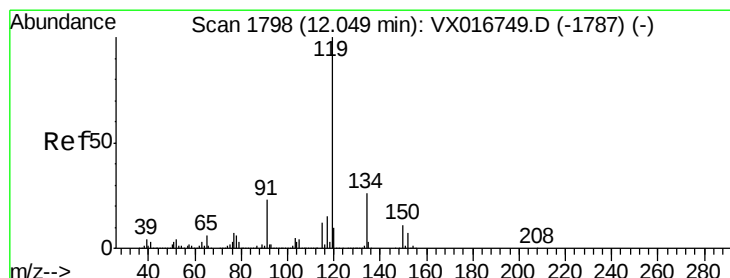
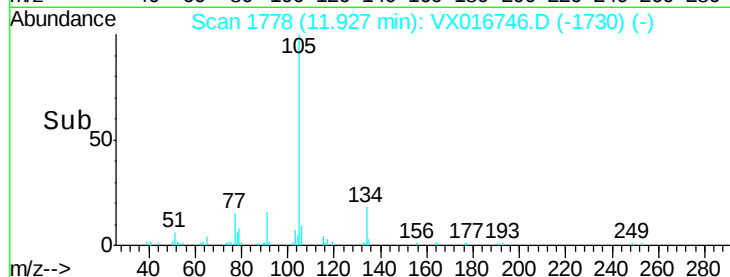
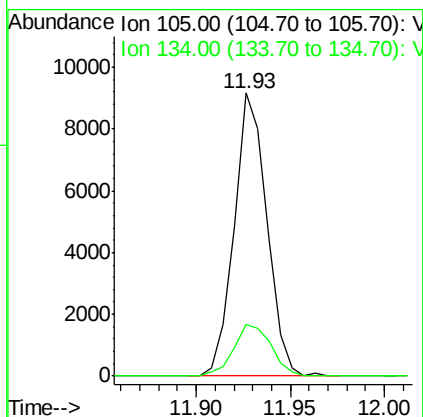
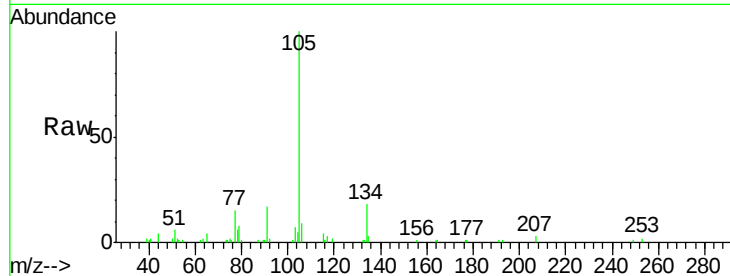




#85
 sec-Butylbenzene
 Concen: 0.961 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

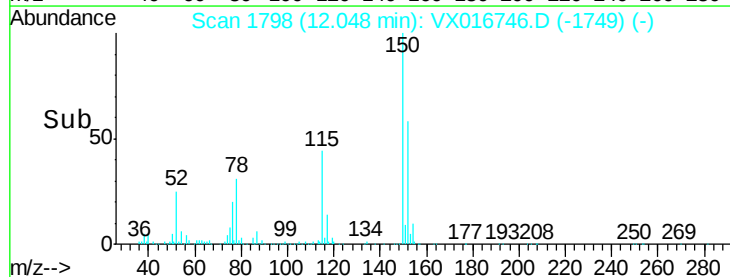
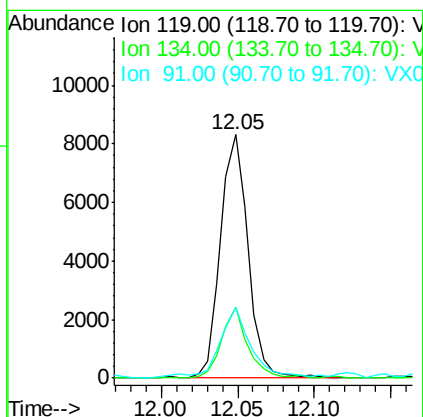
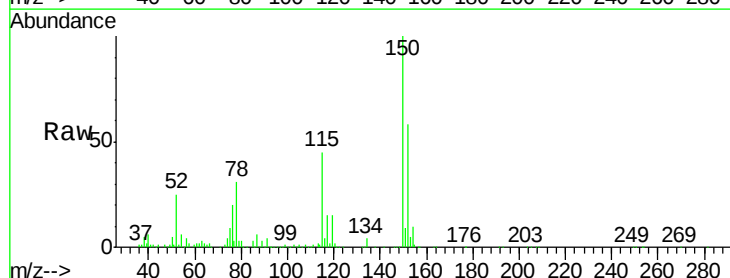
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

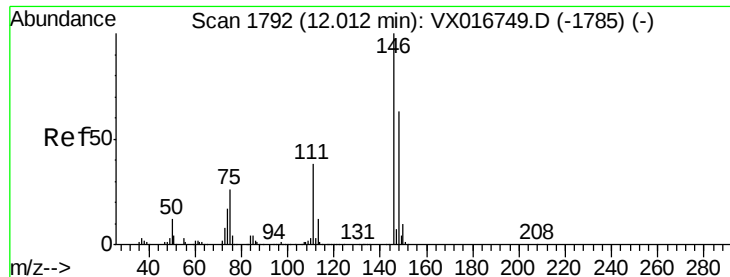
Tgt Ion:105 Resp: 11011
 Ion Ratio Lower Upper
 105 100
 134 21.0 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 0.966 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion:119 Resp: 10394
 Ion Ratio Lower Upper
 119 100
 134 28.1 13.0 38.9
 91 33.1 11.6 34.7

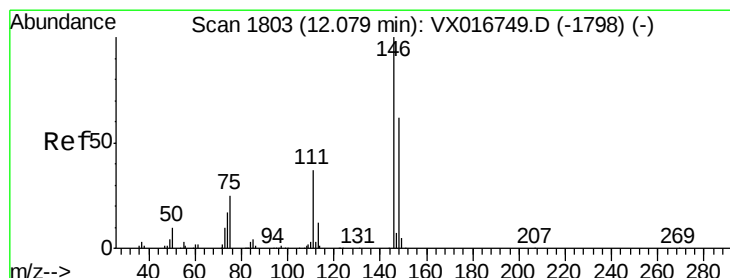
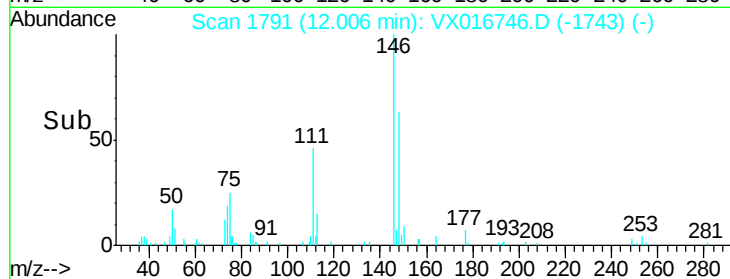
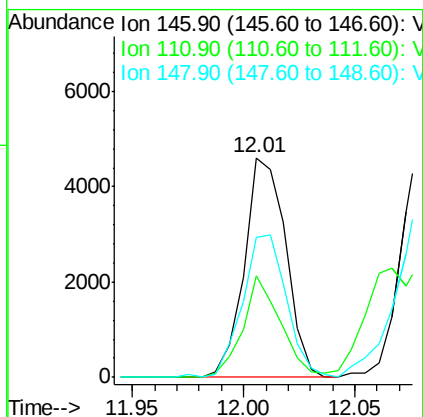
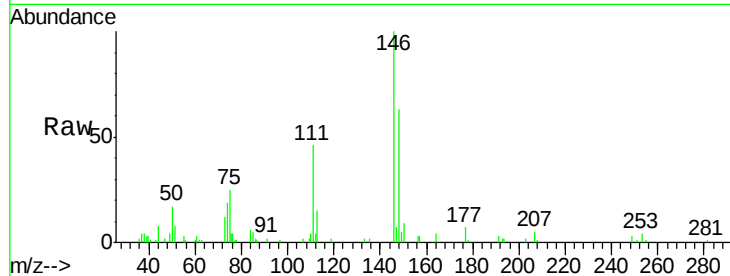




#87
 1,3-Dichlorobenzene
 Concen: 1.023 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

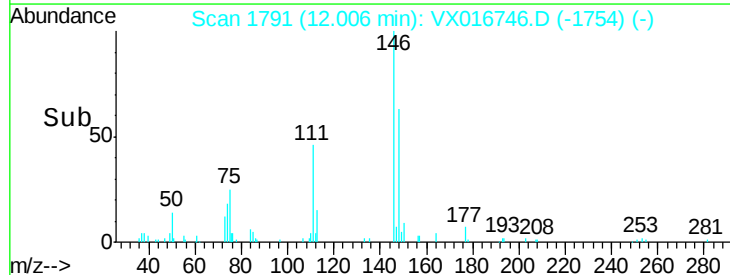
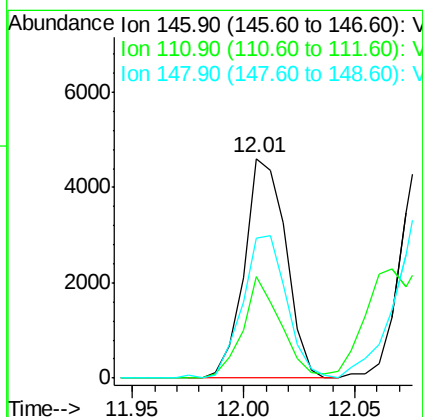
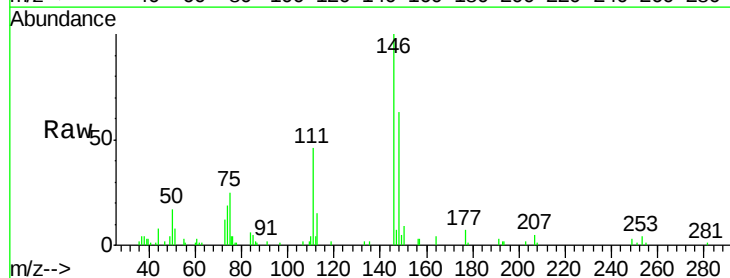
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

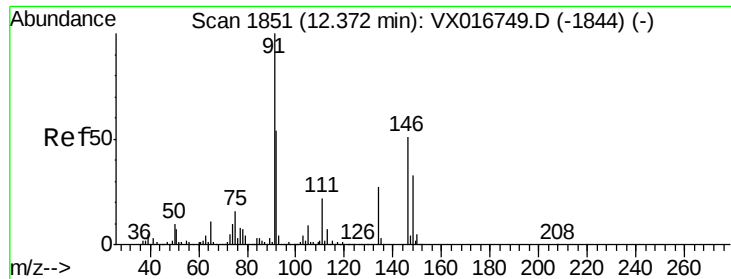
Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.8	59.3
148	69.3	31.9	95.7



#88
 1,4-Dichlorobenzene
 Concen: 1.000 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.07 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.5	19.3	57.8
148	69.3	32.1	96.5





#89

n-Butylbenzene

Concen: 1.026 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX016746.D

Acq: 15 Jun 2020 11:10

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

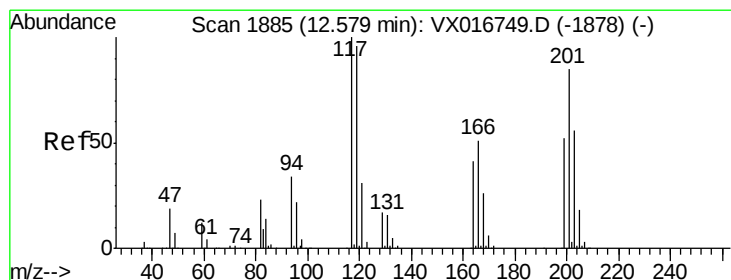
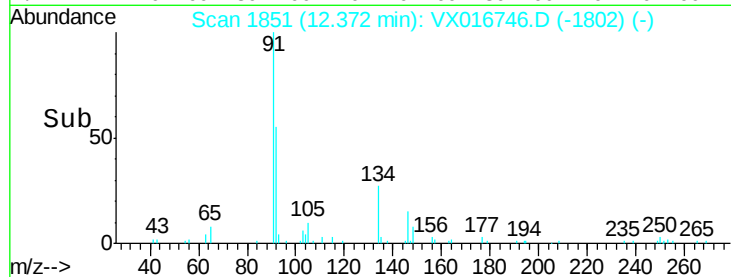
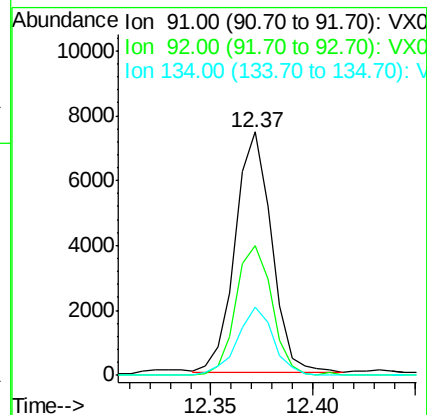
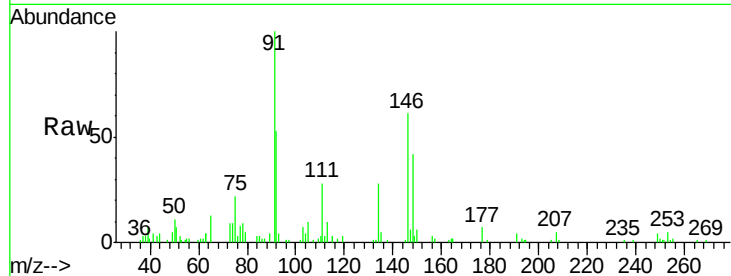
Tgt Ion: 91 Resp: 9158

Ion Ratio Lower Upper

91 100

92 53.7 27.0 80.8

134 28.2 13.7 41.0



#90

Hexachloroethane

Concen: 1.096 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX016746.D

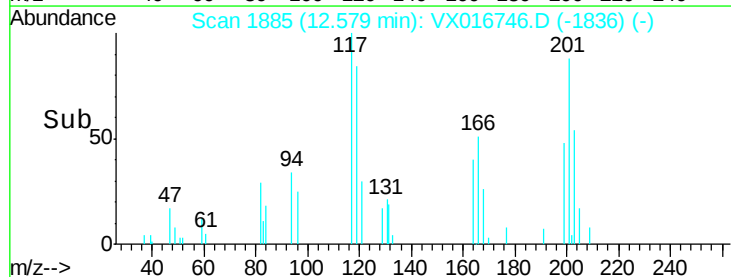
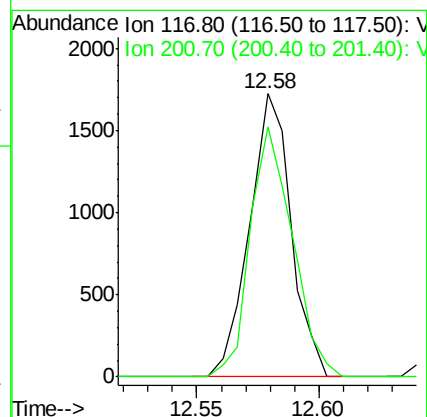
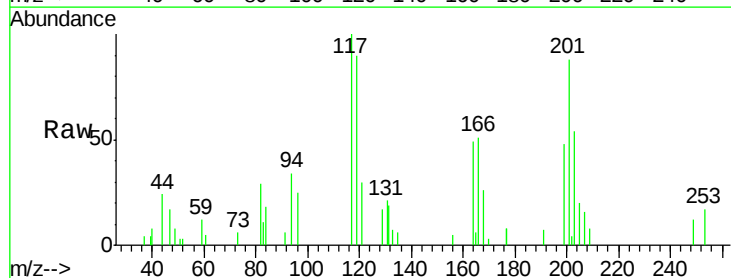
Acq: 15 Jun 2020 11:10

Tgt Ion: 117 Resp: 2044

Ion Ratio Lower Upper

117 100

201 89.9 45.6 136.9

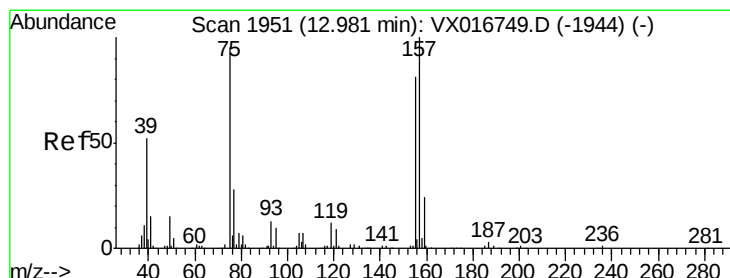
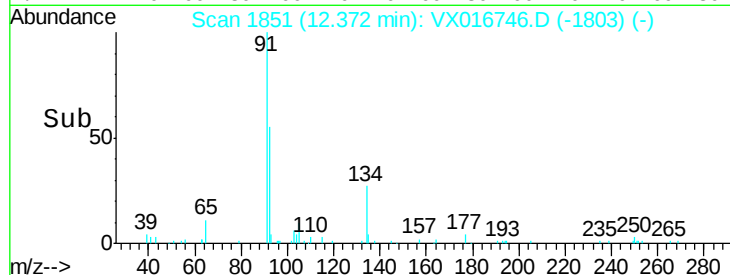
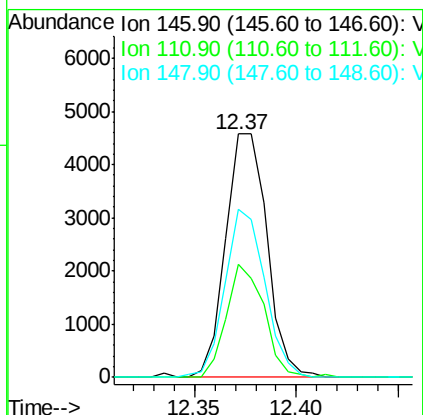
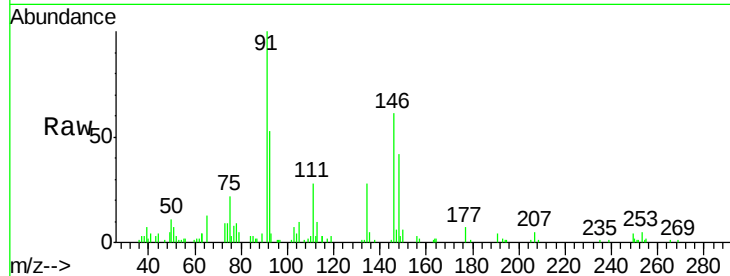




#91
 1,2-Dichlorobenzene
 Concen: 1.139 ug/l
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

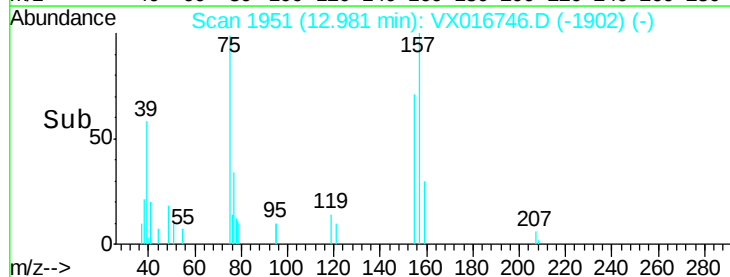
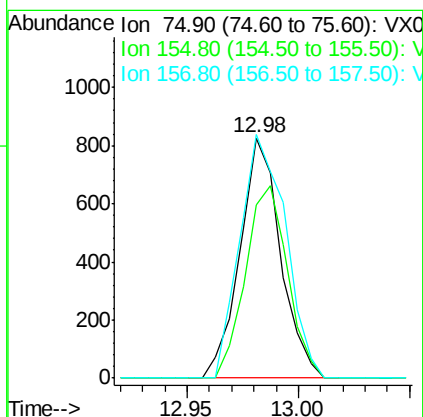
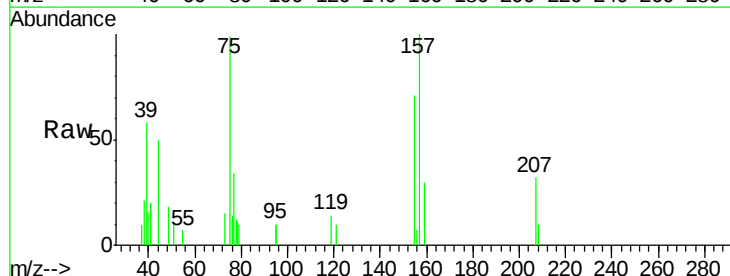
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

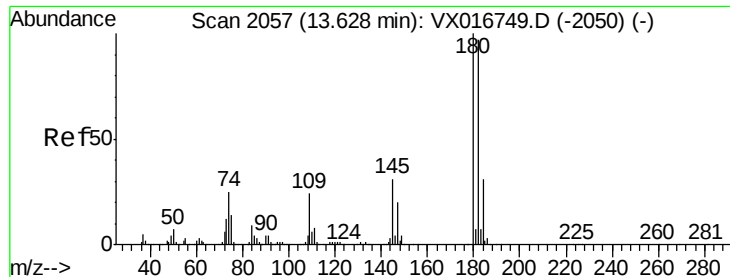
Tgt Ion:146 Resp: 6439
 Ion Ratio Lower Upper
 146 100
 111 42.3 20.8 62.2
 148 66.7 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.021 ug/l
 RT: 12.98 min Scan# 1951
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion: 75 Resp: 1052
 Ion Ratio Lower Upper
 75 100
 155 82.6 46.9 140.7
 157 113.7 59.6 178.7

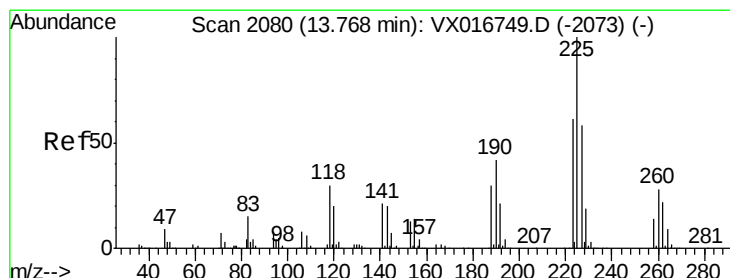
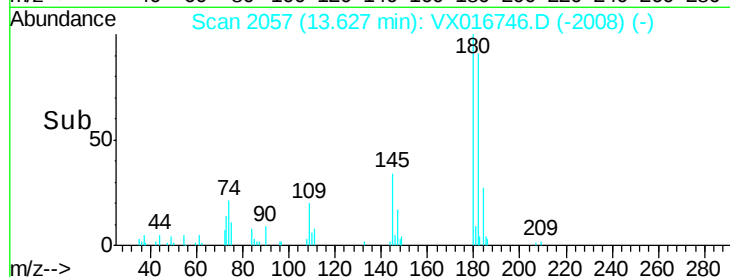
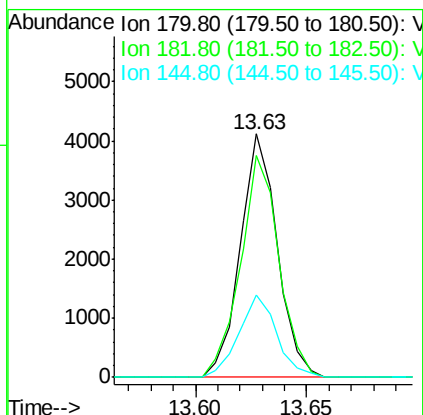
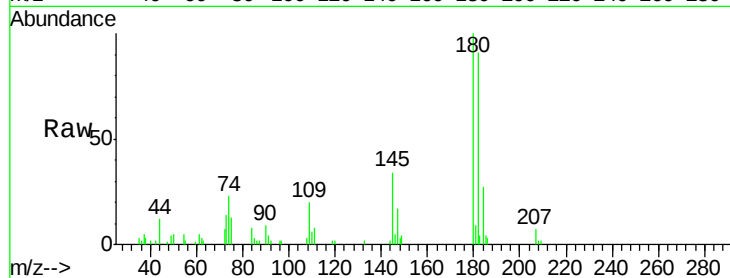




#93
 1,2,4-Trichlorobenzene
 Concen: 1.264 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

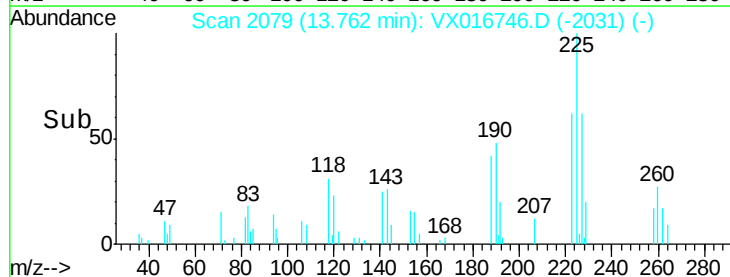
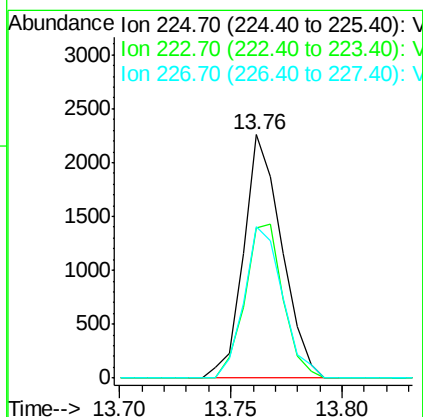
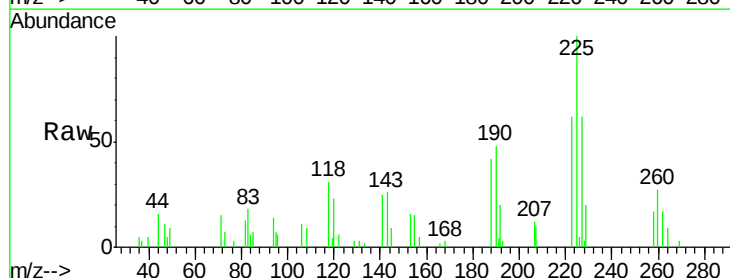
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

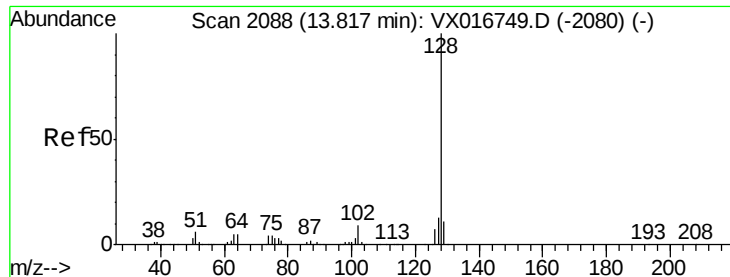
Tgt Ion:180 Resp: 4766
 Ion Ratio Lower Upper
 180 100
 182 94.6 48.6 145.8
 145 34.7 15.4 46.4



#94
 Hexachlorobutadiene
 Concen: 1.762 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX016746.D
 Acq: 15 Jun 2020 11:10

Tgt Ion:225 Resp: 2701
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.1 93.5
 227 62.8 30.9 92.7

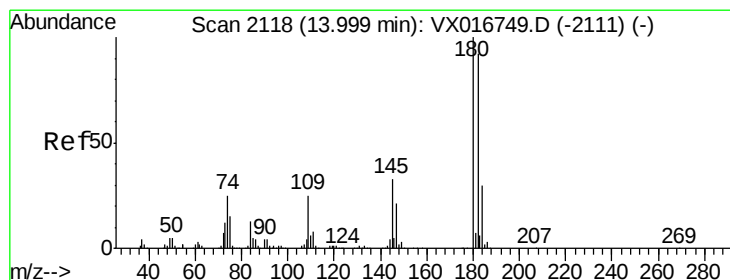
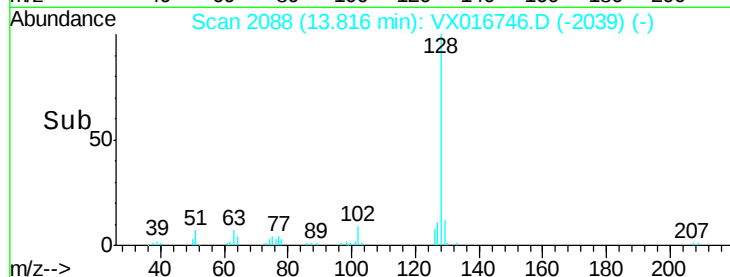
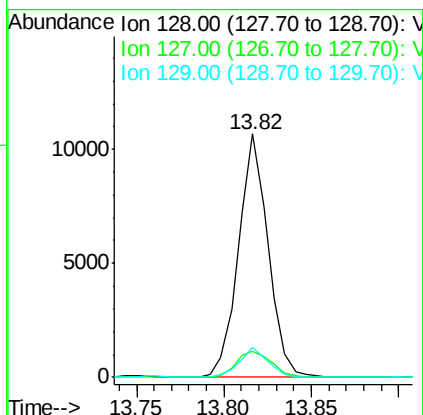
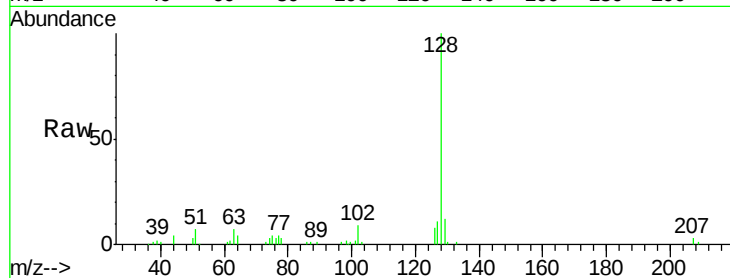




#95
Naphthalene
Concen: 0.976 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.6	10.2	15.4
129	11.7	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 1.220 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX016746.D
Acq: 15 Jun 2020 11:10

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.4	47.1	141.4
145	33.3	15.9	47.7

