

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX062920\
 Data File : VX017006.D
 Acq On : 29 Jun 2020 14:13
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 29 16:56:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 16:53:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	364638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	578404	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	530301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	264891	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	6692	1.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.98%	
35) Dibromofluoromethane	5.46	113	4919	1.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.68%	
50) Toluene-d8	8.70	98	16318	1.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.42%	
62) 4-Bromofluorobenzene	11.12	95	5952	1.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	2.26%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.18	85	3862	1.095 ug/l	98
3) Chloromethane	1.32	50	5093	1.193 ug/l	96
4) Vinyl Chloride	1.39	62	4754	1.200 ug/l	99
5) Bromomethane	1.64	94	3680	1.758 ug/l	97
6) Chloroethane	1.71	64	2879	1.230 ug/l #	77
7) Trichlorofluoromethane	1.92	101	6907	1.179 ug/l	95
8) Diethyl Ether	2.17	74	2767	1.294 ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3870	1.102 ug/l	95
10) Methyl Iodide	2.49	142	4735	1.045 ug/l #	97
11) Tert butyl alcohol	3.01	59	4757	5.547 ug/l #	93
12) 1,1-Dichloroethene	2.36	96	4195	1.163 ug/l	84
13) Acrolein	2.27	56	2792	5.446 ug/l	85
14) Allyl chloride	2.71	41	8240	1.236 ug/l	96
15) Acrylonitrile	3.12	53	11200	5.433 ug/l	96
16) Acetone	2.42	43	10201	6.066 ug/l	91
17) Carbon Disulfide	2.55	76	14709	1.331 ug/l	99
18) Methyl Acetate	2.75	43	4767	1.086 ug/l	95
19) Methyl tert-butyl Ether	3.17	73	13047	1.078 ug/l	99
20) Methylene Chloride	2.84	84	5607	1.305 ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	4683	1.170 ug/l	91
22) Diisopropyl ether	3.82	45	13207	1.070 ug/l #	91
23) Vinyl Acetate	3.78	43	51830	4.888 ug/l	99
24) 1,1-Dichloroethane	3.67	63	7796	1.110 ug/l	97
25) 2-Butanone	4.64	43	14709	5.249 ug/l	97
26) 2,2-Dichloropropane	4.55	77	7393	1.186 ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	5299	1.168 ug/l	97
28) Bromochloromethane	4.98	49	3983	1.166 ug/l #	91
29) Tetrahydrofuran	5.09	42	9365	5.058 ug/l	98
30) Chloroform	5.17	83	8104	1.126 ug/l	90
31) Cyclohexane	5.55	56	6652	1.096 ug/l #	92
32) 1,1,1-Trichloroethane	5.46	97	7603	1.147 ug/l #	42
36) 1,1-Dichloropropene	5.76	75	6647	1.216 ug/l	97
37) Ethyl Acetate	4.79	43	5657	1.020 ug/l #	81
38) Carbon Tetrachloride	5.75	117	7024	1.167 ug/l	91

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 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jun 29 16:56:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 16:53:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	6406	1.053	ug/l	95
40) Benzene	6.11	78	18349	1.142	ug/l	97
41) Methacrylonitrile	4.99	41	3530	1.131	ug/l #	82
42) 1,2-Dichloroethane	6.17	62	6659	1.148	ug/l	98
43) Isopropyl Acetate	6.42	43	10265	1.114	ug/l	98
44) Trichloroethene	7.19	130	6241	1.290	ug/l	94
45) 1,2-Dichloropropane	7.49	63	4612	1.118	ug/l #	81
46) Dibromomethane	7.64	93	3164	1.123	ug/l	97
47) Bromodichloromethane	7.87	83	6402	1.103	ug/l #	85
48) Methyl methacrylate	7.75	41	4121	0.941	ug/l	87
49) 1,4-Dioxane	7.72	88	2037	20.534	ug/l #	83
51) 4-Methyl-2-Pentanone	8.62	43	25716	4.681	ug/l	97
52) Toluene	8.76	92	10890	1.086	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	6692	1.045	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	7327	1.067	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	4430	1.081	ug/l	94
56) Ethyl methacrylate	9.16	69	5181	0.888	ug/l #	92
57) 1,3-Dichloropropane	9.35	76	7773	1.121	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.29	63	10907	3.758	ug/l	95
59) 2-Hexanone	9.47	43	17651	4.399	ug/l	96
60) Dibromochloromethane	9.57	129	4958	1.042	ug/l	99
61) 1,2-Dibromoethane	9.65	107	4685	1.064	ug/l	96
64) Tetrachloroethene	9.32	164	5270	1.231	ug/l	96
65) Chlorobenzene	10.12	112	12955	1.184	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.20	131	4889	1.159	ug/l #	65
67) Ethyl Benzene	10.23	91	19420	1.062	ug/l	95
68) m/p-Xylenes	10.34	106	14842	2.115	ug/l	100
69) o-Xylene	10.68	106	6909	1.035	ug/l	100
70) Styrene	10.70	104	10834	0.953	ug/l	98
71) Bromoform	10.84	173	3194	0.955	ug/l #	97
73) Isopropylbenzene	11.00	105	17016	0.981	ug/l	98
74) N-amyl acetate	10.88	43	7057	0.953	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	6149	1.127	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	7391	1.133	ug/l	88
77) Bromobenzene	11.24	156	5506	1.155	ug/l	99
78) n-propylbenzene	11.34	91	19048	0.971	ug/l	96
79) 2-Chlorotoluene	11.40	91	12211	1.028	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	13796	0.959	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.06	75	2156	1.072	ug/l #	89
82) 4-Chlorotoluene	11.49	91	14823	1.044	ug/l	99
83) tert-Butylbenzene	11.76	119	13801	0.977	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	12930	0.886	ug/l	95
85) sec-Butylbenzene	11.93	105	15672	0.944	ug/l	99
86) p-Isopropyltoluene	12.05	119	14325	0.927	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	10492	1.211	ug/l	96
88) 1,4-Dichlorobenzene	12.01	146	10492	1.205	ug/l	98
89) n-Butylbenzene	12.37	91	14834	1.075	ug/l	94
90) Hexachloroethane	12.58	117	3156	1.035	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	9485	1.172	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1618	1.243	ug/l	76

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

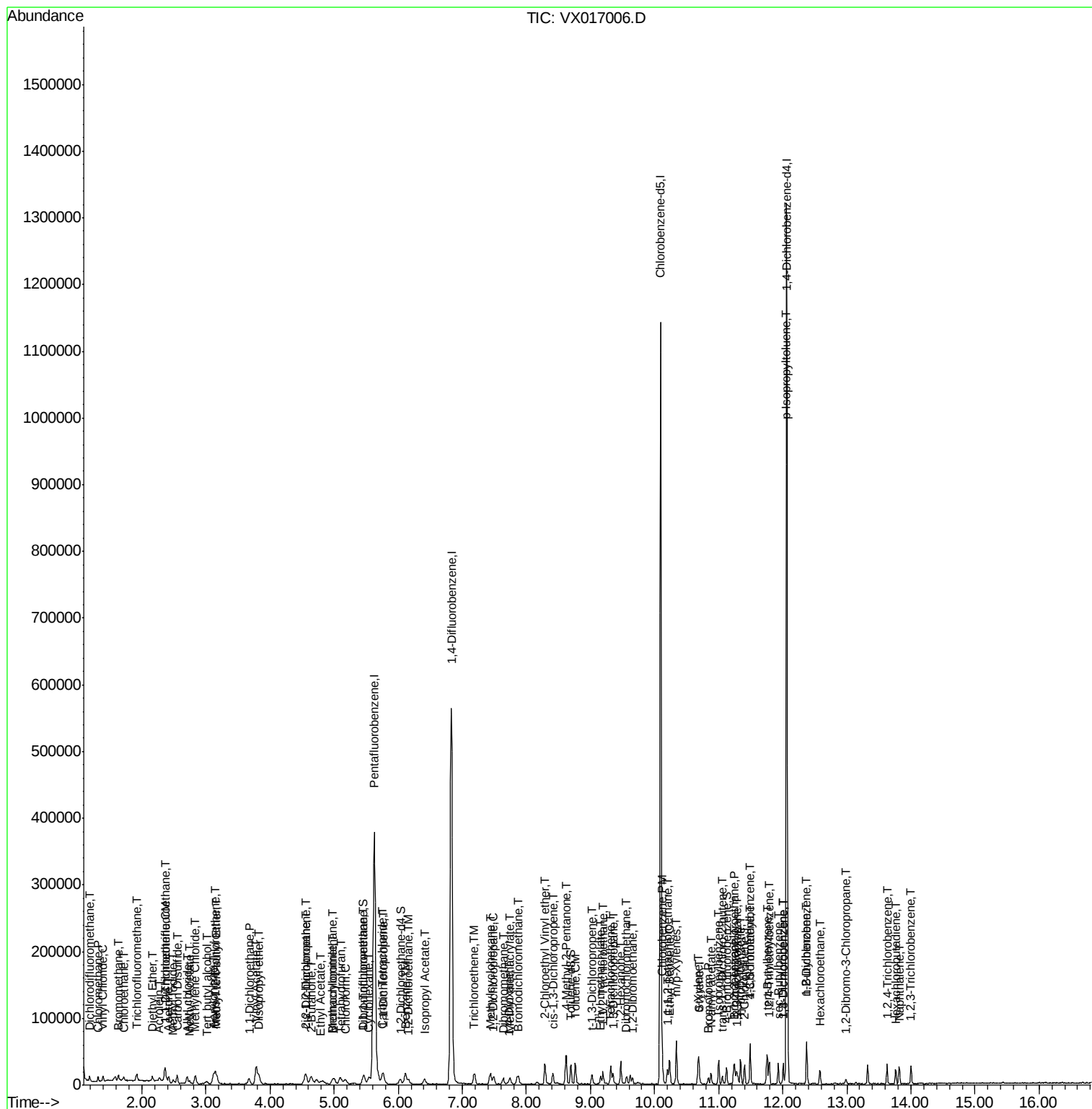
Quant Time: Jun 29 16:56:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 29 16:53:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	6510	1.178	ug/l	94
94) Hexachlorobutadiene	13.77	225	2975	1.331	ug/l	97
95) Naphthalene	13.82	128	15734	0.937	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	6037	1.129	ug/l	98

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

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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QLast Update : Mon Jun 29 16:53:31 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

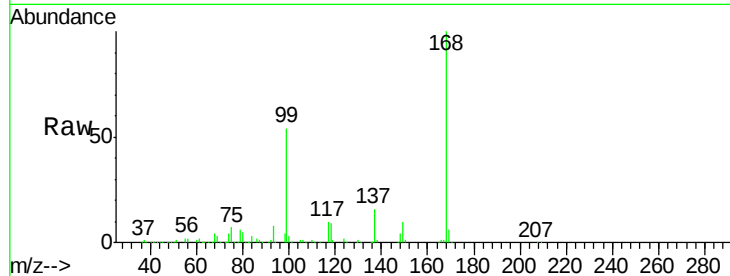
VSTDIC001

Tgt Ion:168 Resp: 364638

Ion Ratio Lower Upper

168 100

99 53.9 42.6 64.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

150000

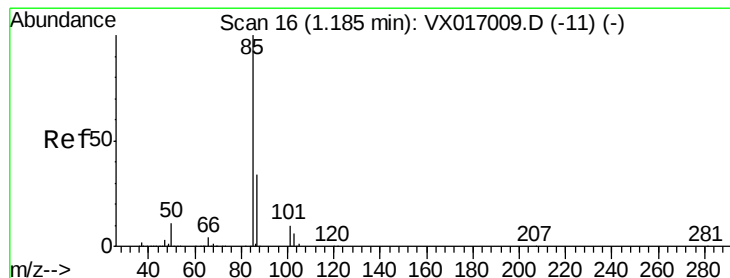
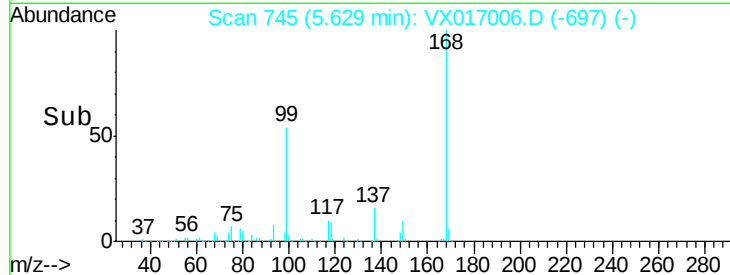
100000

50000

0

Time-->

5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 1.095 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017006.D

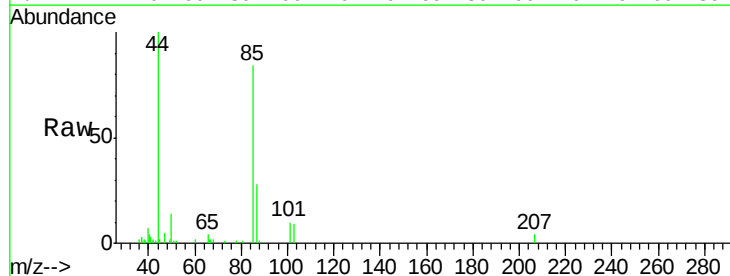
Acq: 29 Jun 2020 14:13

Tgt Ion: 85 Resp: 3862

Ion Ratio Lower Upper

85 100

87 32.6 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

4000

3000

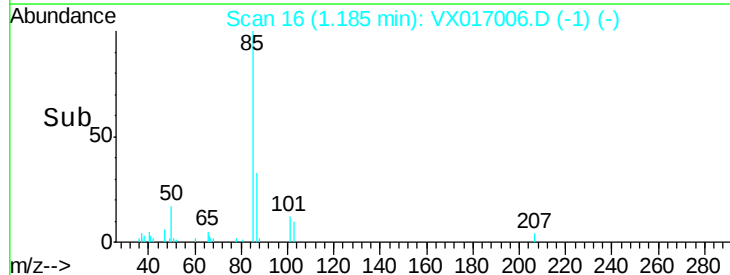
2000

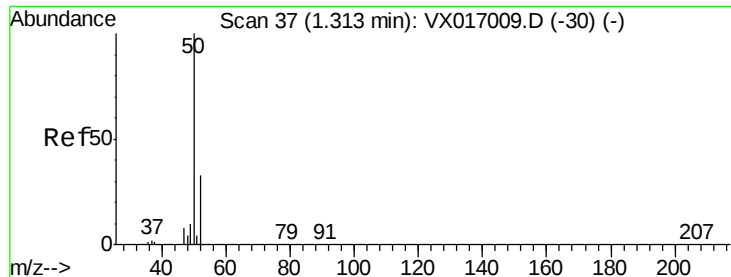
1000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 1.193 ug/l

RT: 1.32 min Scan# 38

Delta R.T. 0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

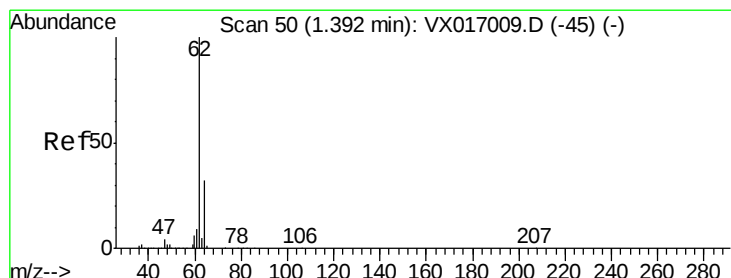
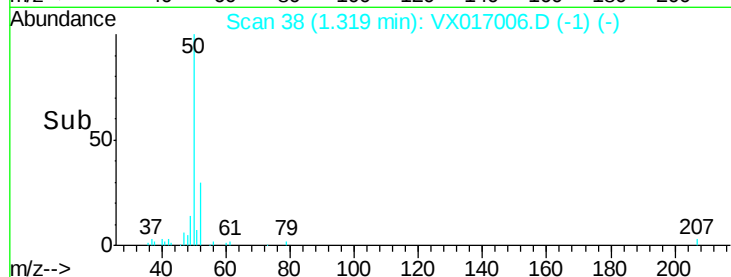
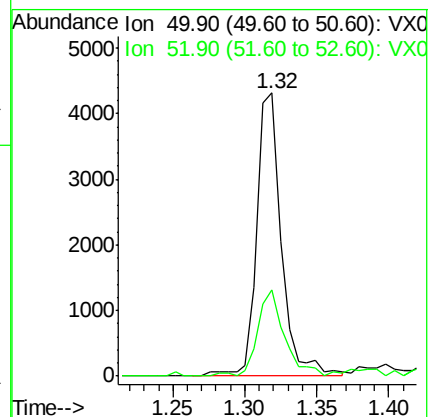
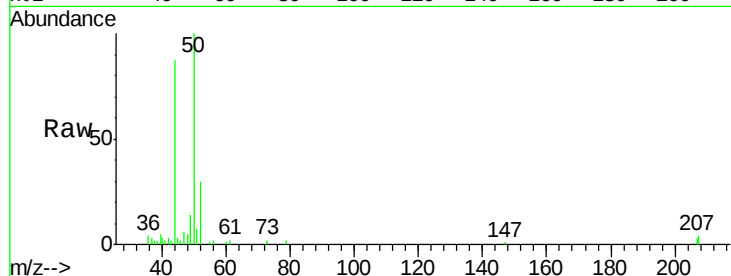
VSTDIC001

Tgt Ion: 50 Resp: 5093

Ion Ratio Lower Upper

50 100

52 30.3 26.1 39.1



#4

Vinyl Chloride

Concen: 1.200 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017006.D

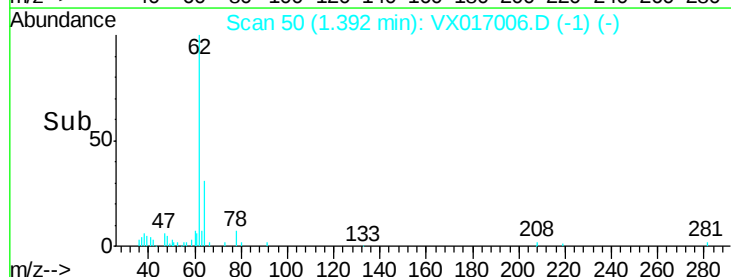
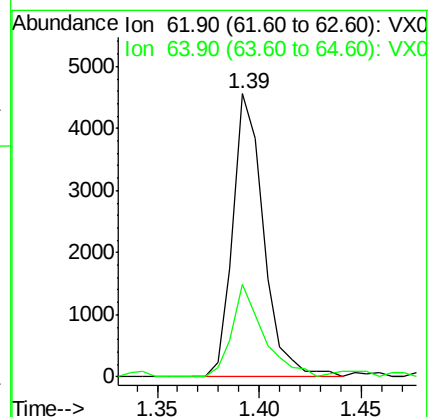
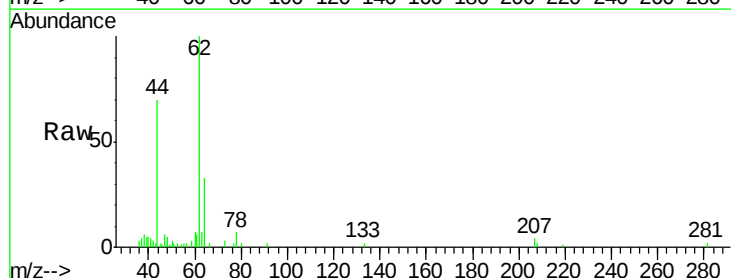
Acq: 29 Jun 2020 14:13

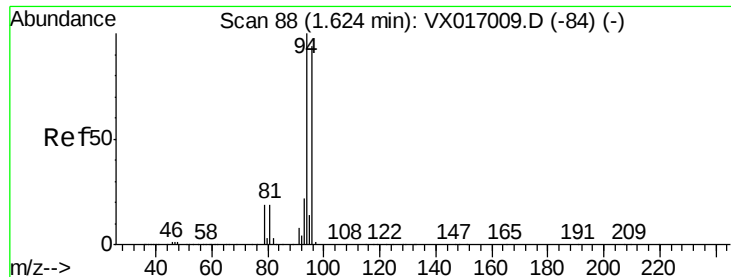
Tgt Ion: 62 Resp: 4754

Ion Ratio Lower Upper

62 100

64 32.9 25.9 38.9





#5

Bromomethane

Concen: 1.758 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

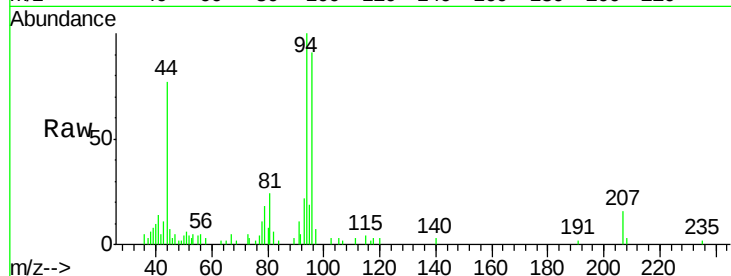
VSTDIC001

Tgt Ion: 94 Resp: 3680

Ion Ratio Lower Upper

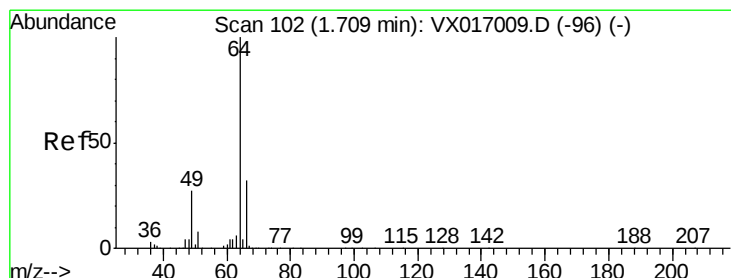
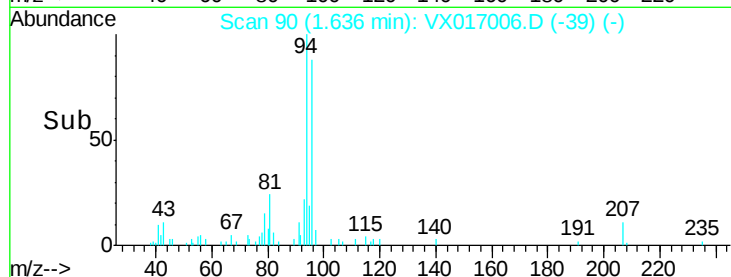
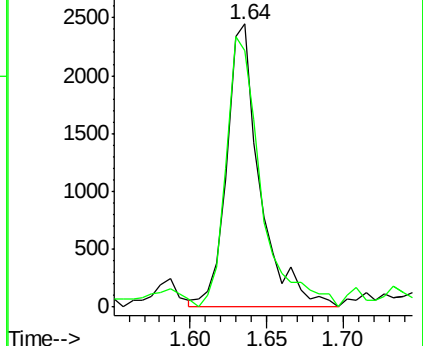
94 100

96 90.6 75.0 112.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.230 ug/l

RT: 1.71 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017006.D

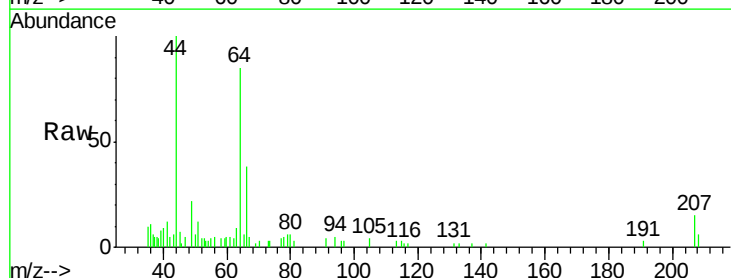
Acq: 29 Jun 2020 14:13

Tgt Ion: 64 Resp: 2879

Ion Ratio Lower Upper

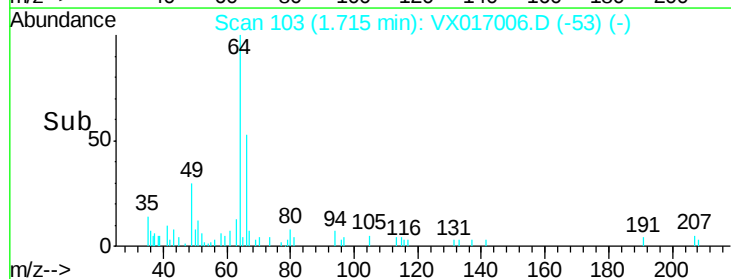
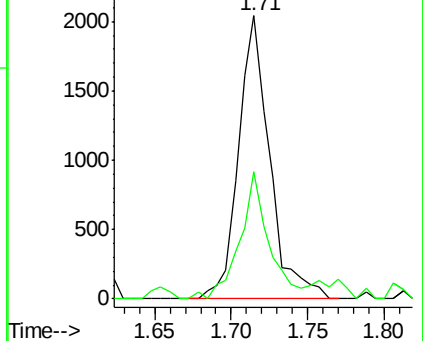
64 100

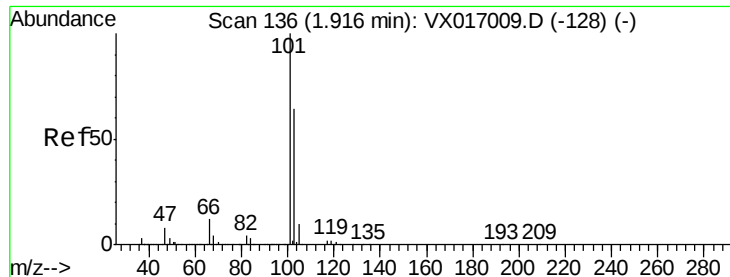
66 45.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 1.179 ug/l

RT: 1.92 min Scan# 136

Delta R.T. -0.00 min

Lab File: VX017006.D

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Instrument :

MSVOA_X

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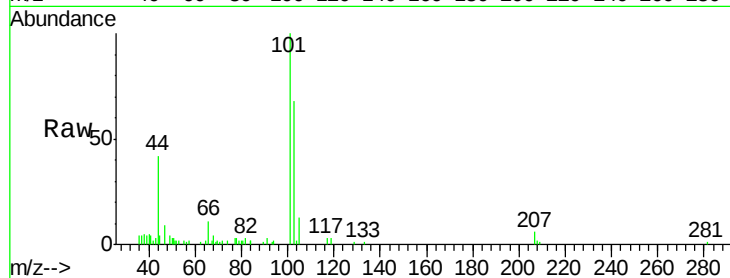
VSTDIC001

Tgt Ion:101 Resp: 6907

Ion Ratio Lower Upper

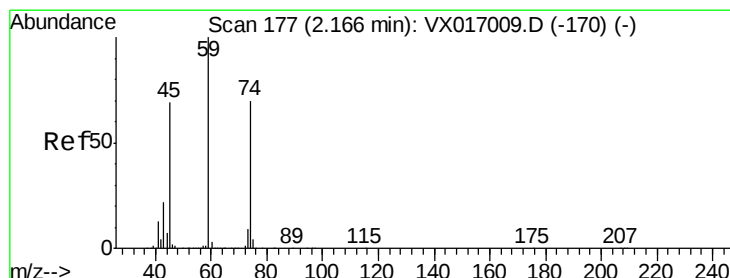
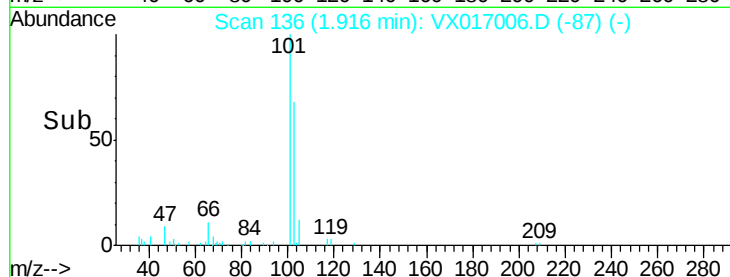
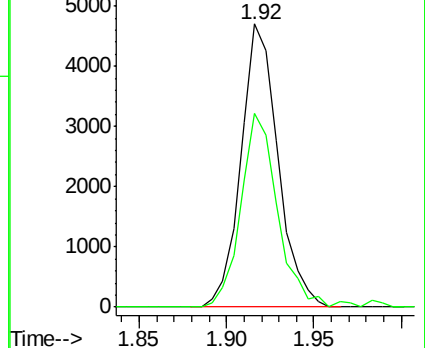
101 100

103 68.4 51.5 77.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 1.294 ug/l

RT: 2.17 min Scan# 177

Delta R.T. 0.00 min

Lab File: VX017006.D

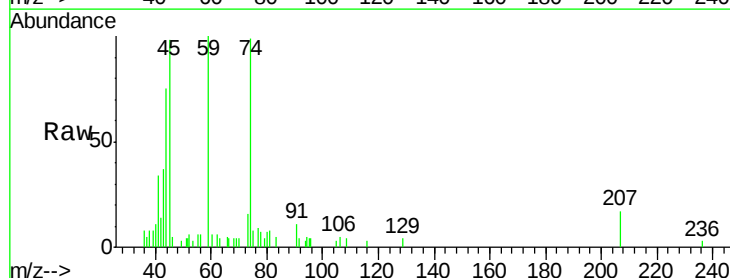
Acq: 29 Jun 2020 14:13

Tgt Ion: 74 Resp: 2767

Ion Ratio Lower Upper

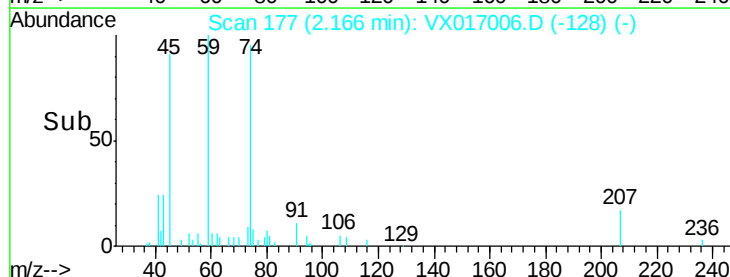
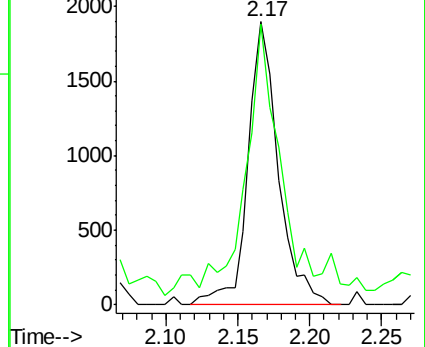
74 100

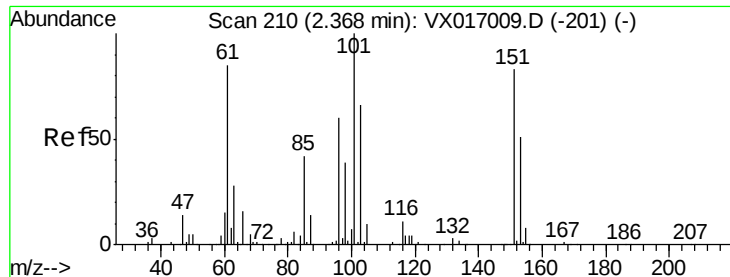
45 111.4 49.8 149.3



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: 1.102 ug/l

RT: 2.37 min Scan# 210

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

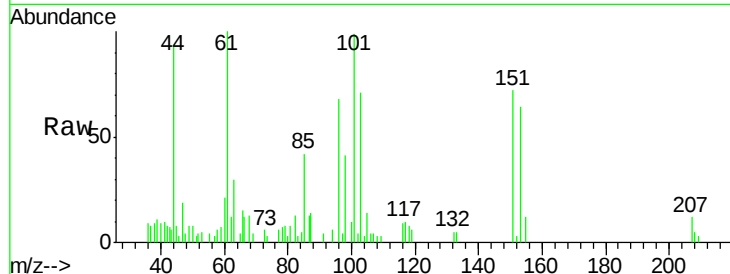
Tgt Ion:101 Resp: 3870

Ion Ratio Lower Upper

101 100

85 47.5 33.5 50.3

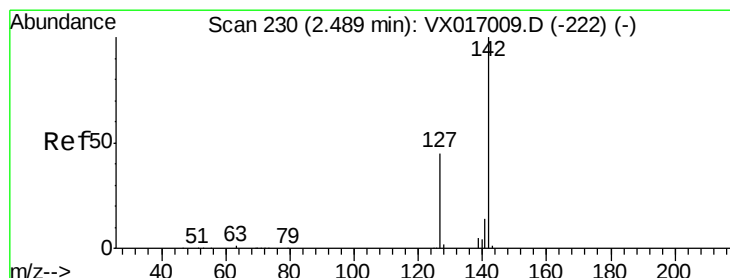
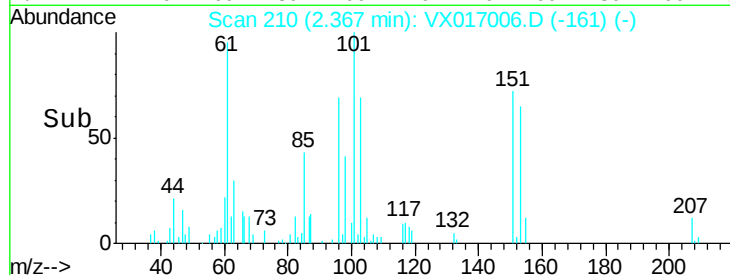
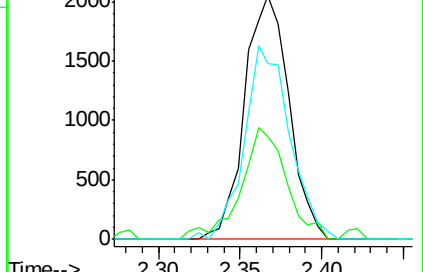
151 82.0 63.8 95.6



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: 1.045 ug/l

RT: 2.49 min Scan# 230

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

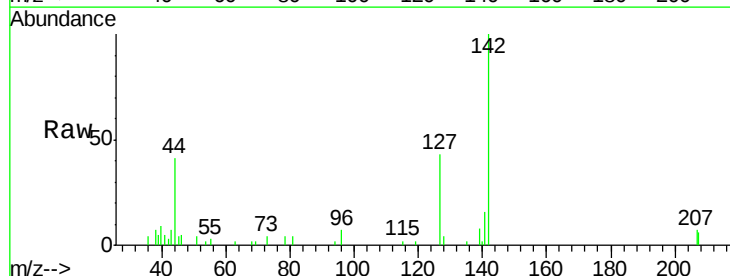
Tgt Ion:142 Resp: 4735

Ion Ratio Lower Upper

142 100

127 45.0 36.6 54.8

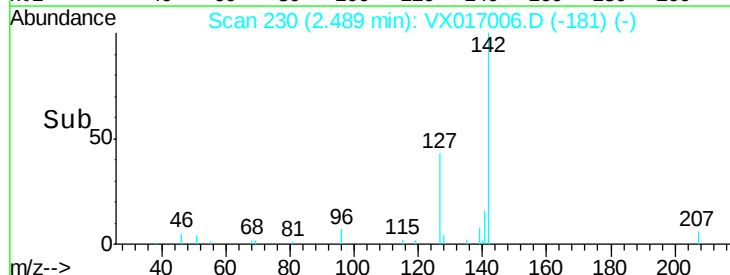
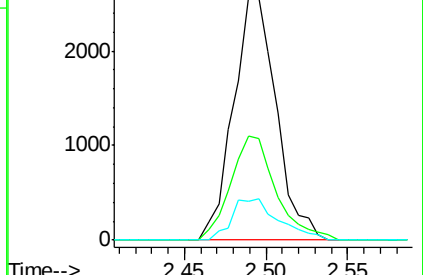
141 18.6 11.6 17.4#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



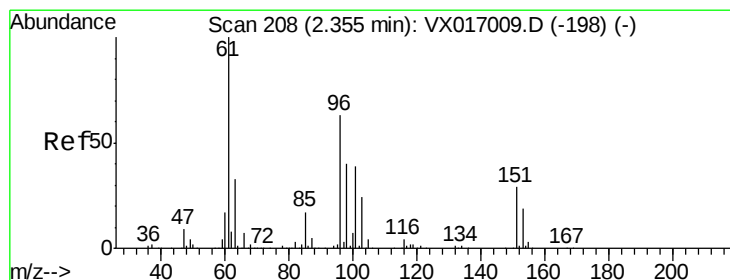
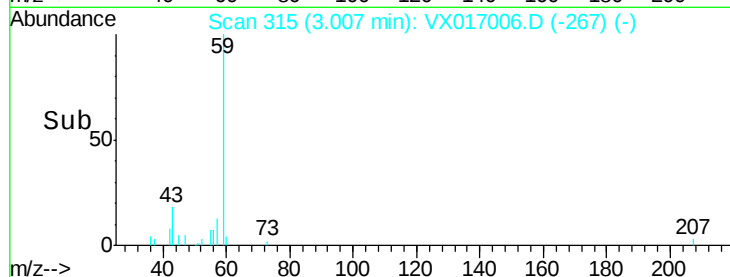
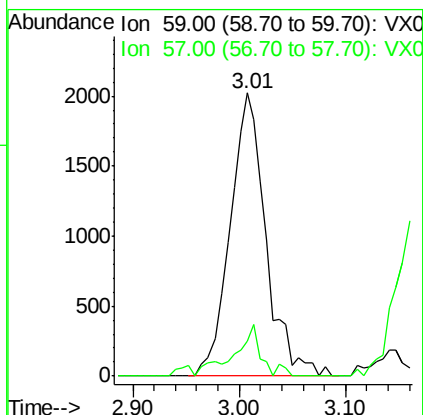
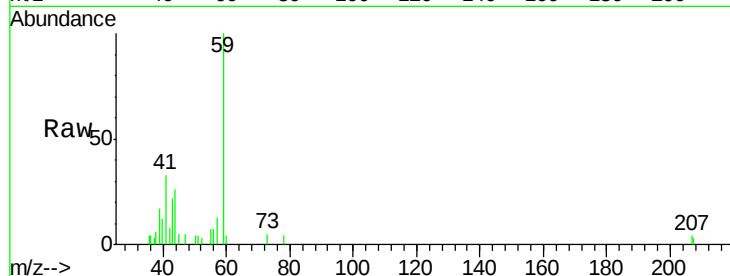


#11

Tert butyl alcohol
 Concen: 5.547 ug/l
 RT: 3.01 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

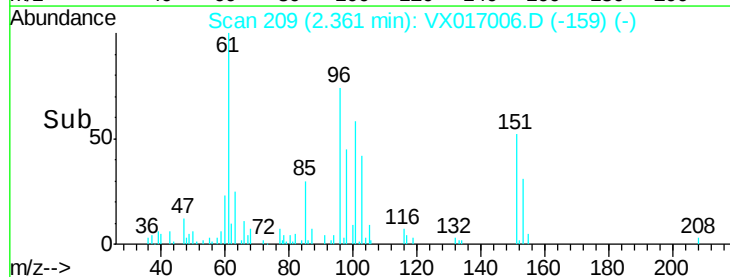
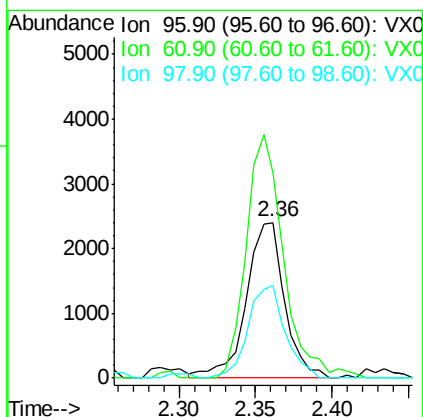
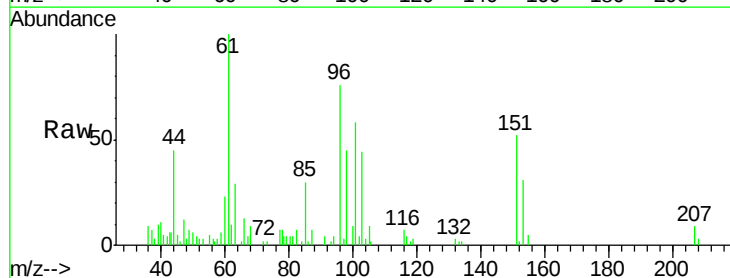
Tgt Ion: 59 Resp: 4757
 Ion Ratio Lower Upper
 59 100
 57 12.7 8.2 12.2#

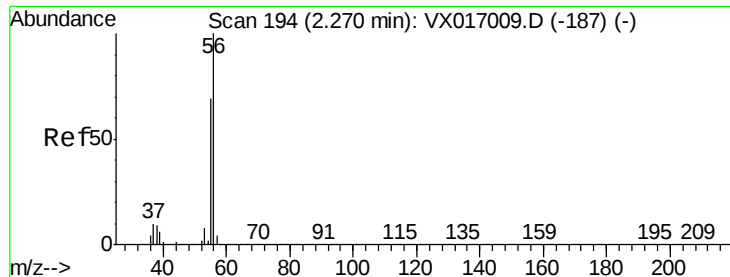


#12

1,1-Dichloroethene
 Concen: 1.163 ug/l
 RT: 2.36 min Scan# 209
 Delta R.T. 0.01 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Tgt Ion: 96 Resp: 4195
 Ion Ratio Lower Upper
 96 100
 61 131.8 126.3 189.5
 98 59.2 51.0 76.6





#13

Acrolein

Concen: 5.446 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

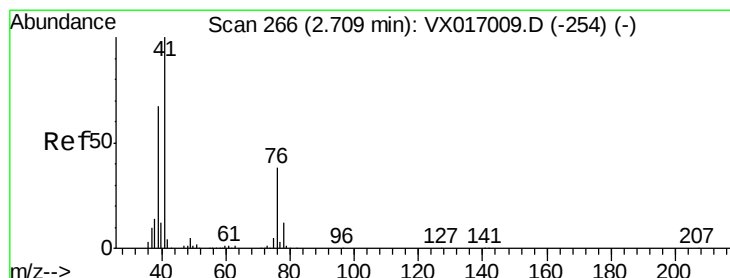
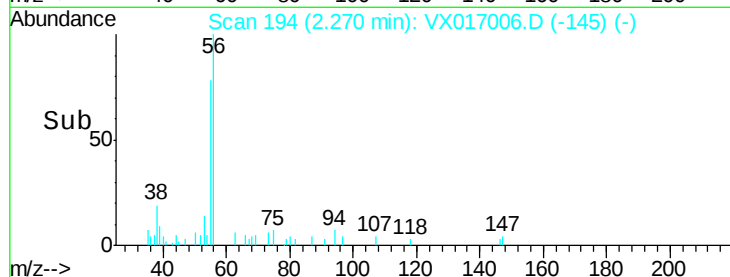
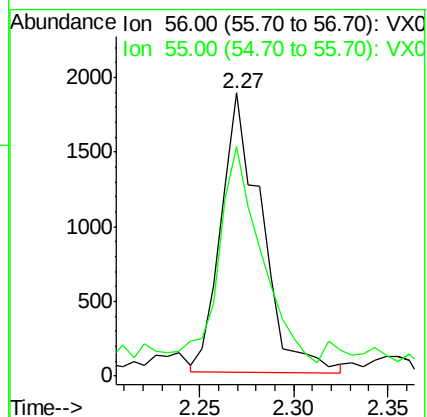
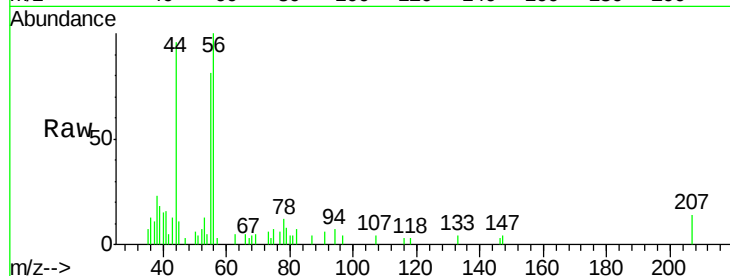
VSTDIC001

Tgt Ion: 56 Resp: 2792

Ion Ratio Lower Upper

56 100

55 82.1 55.7 83.5



#14

Allyl chloride

Concen: 1.236 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

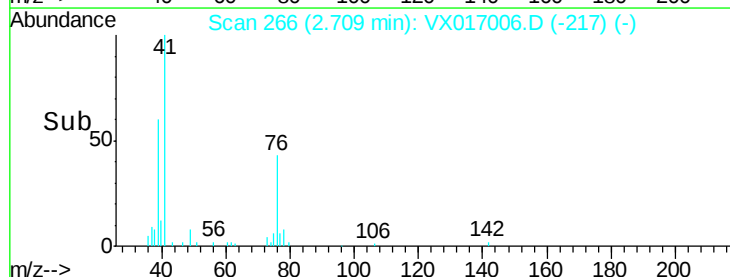
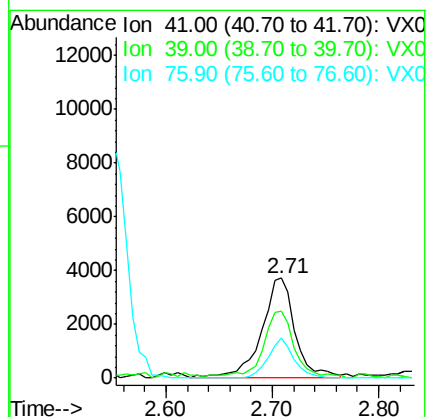
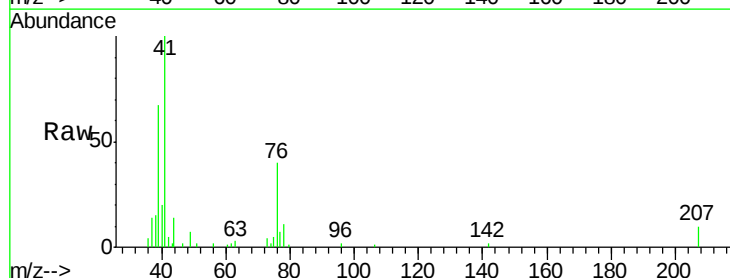
Tgt Ion: 41 Resp: 8240

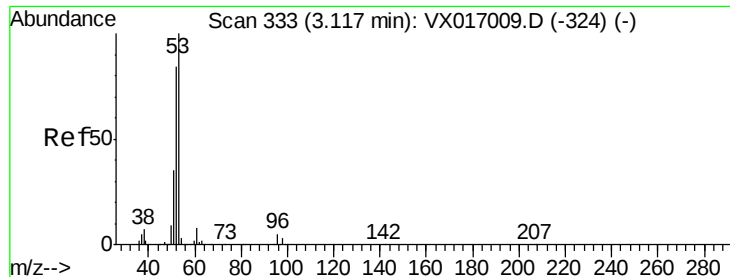
Ion Ratio Lower Upper

41 100

39 63.6 49.4 74.2

76 30.2 26.8 40.2





#15

Acrylonitrile

Concen: 5.433 ug/l

RT: 3.12 min Scan# 333

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

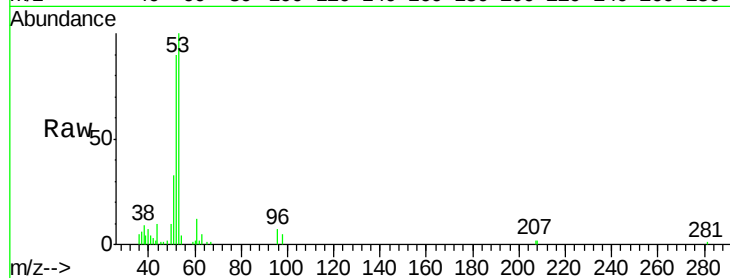
Tgt Ion: 53 Resp: 11200

Ion Ratio Lower Upper

53 100

52 85.3 65.6 98.4

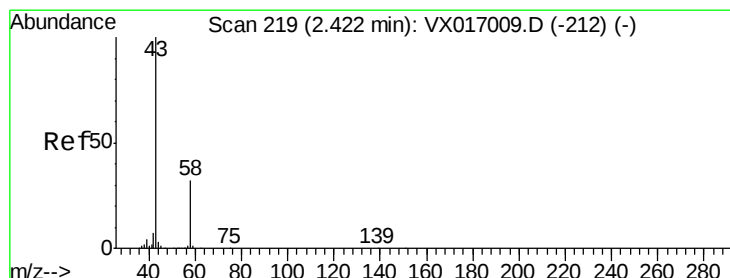
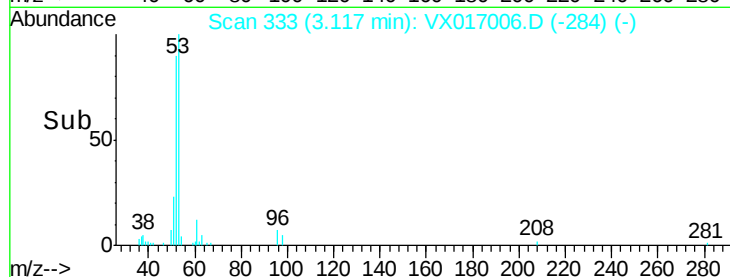
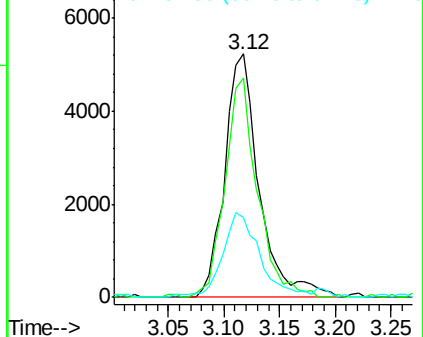
51 37.8 28.3 42.5



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 6.066 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017006.D

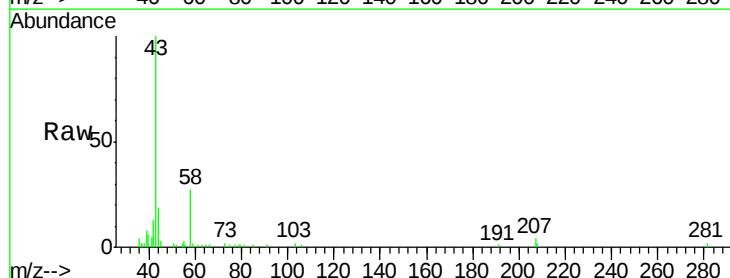
Acq: 29 Jun 2020 14:13

Tgt Ion: 43 Resp: 10201

Ion Ratio Lower Upper

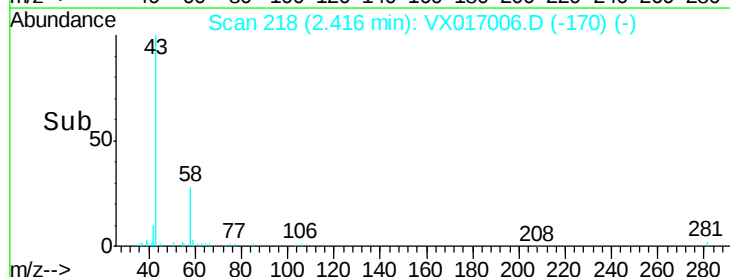
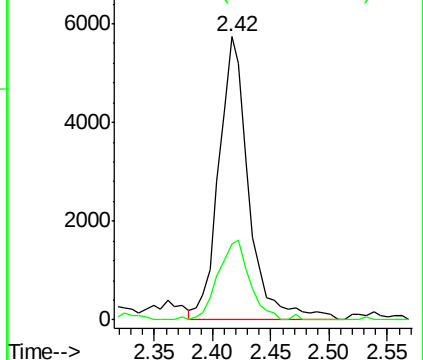
43 100

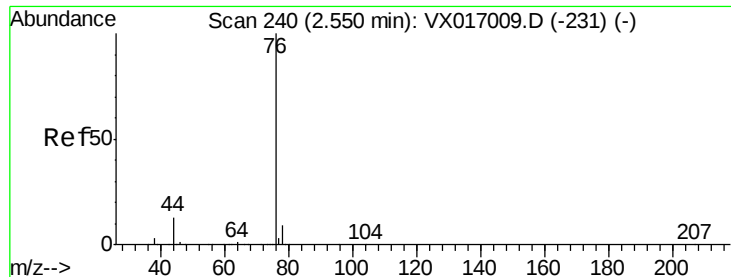
58 27.0 25.7 38.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

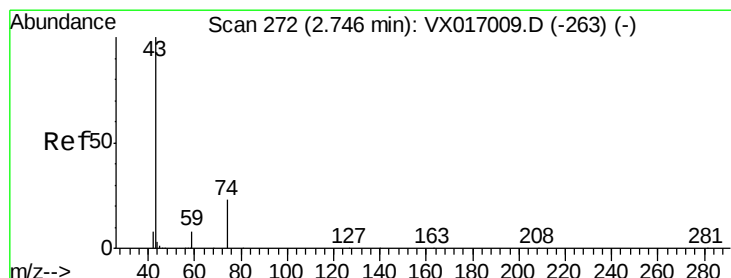
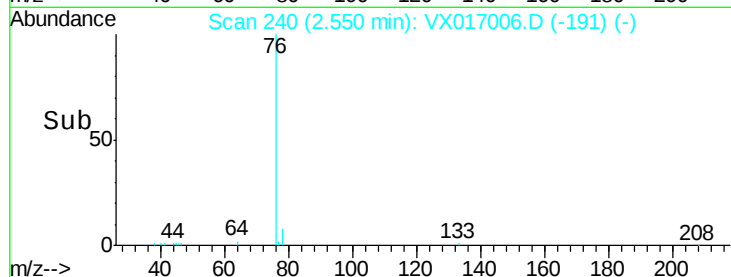
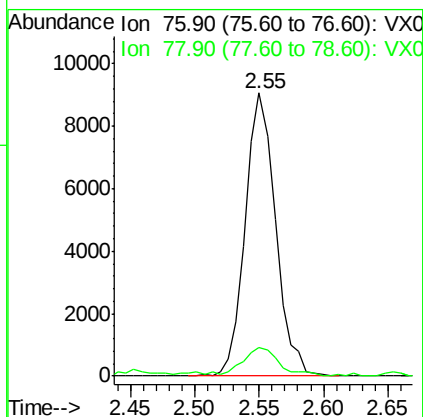
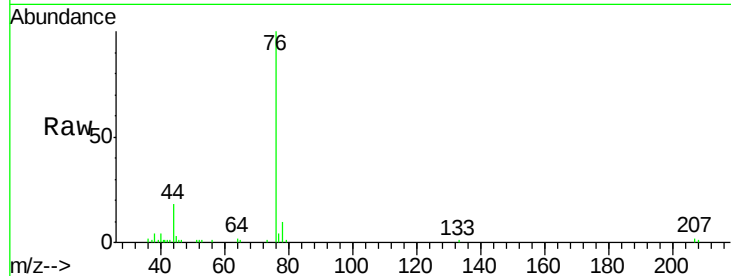




#17
Carbon Disulfide
Concen: 1.331 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

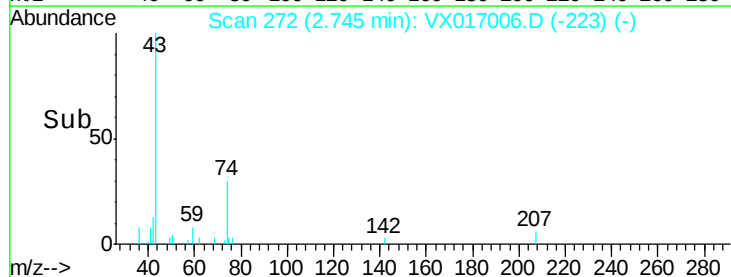
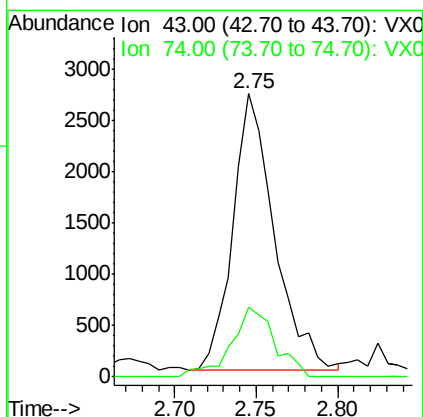
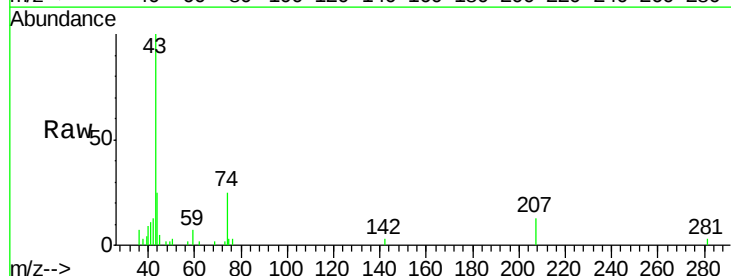
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

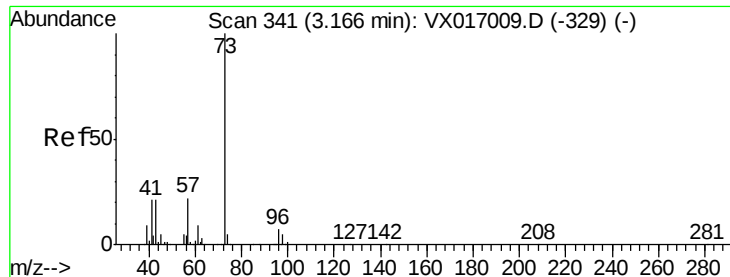
Tgt Ion: 76 Resp: 14709
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 1.086 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion: 43 Resp: 4767
Ion Ratio Lower Upper
43 100
74 26.5 19.3 28.9

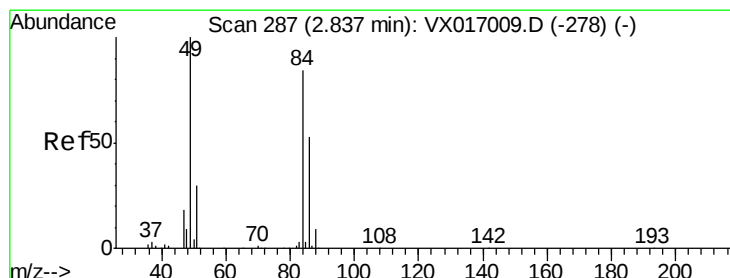
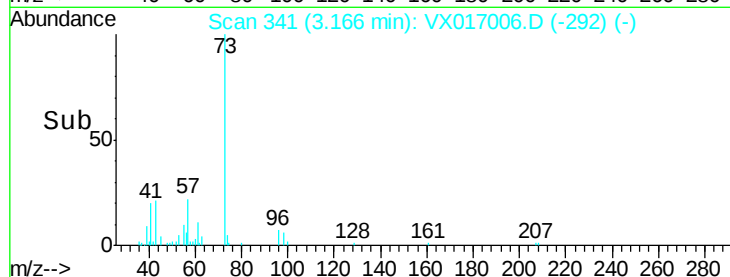
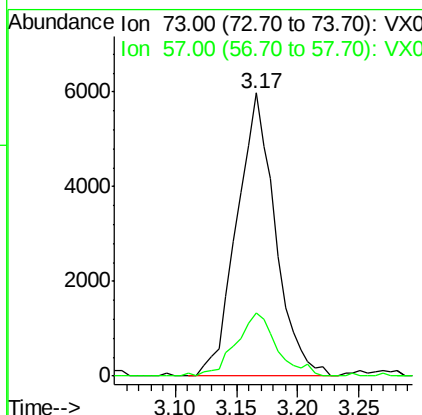
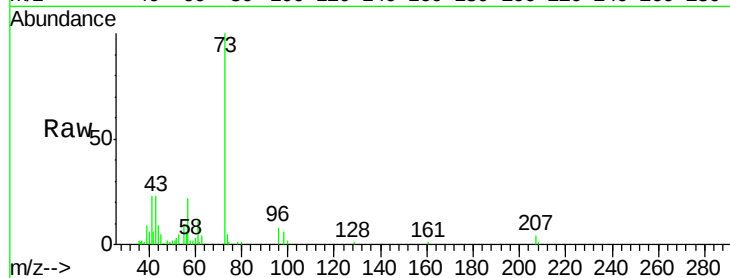




#19
Methyl tert-butyl Ether
Concen: 1.078 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

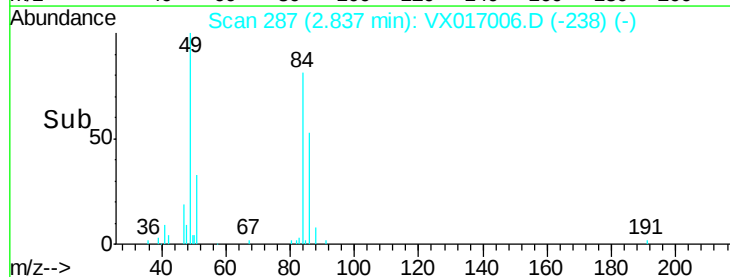
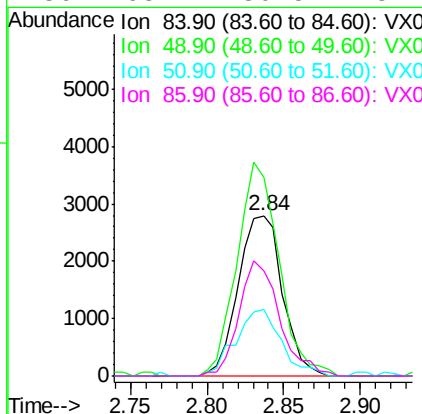
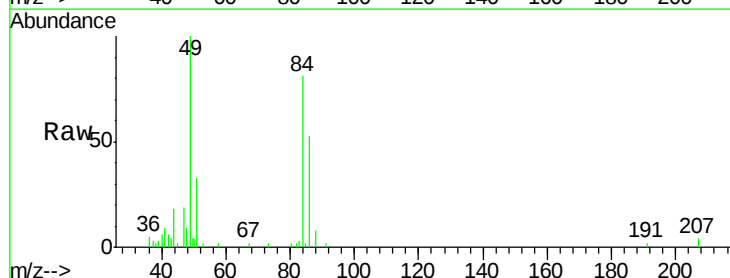
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

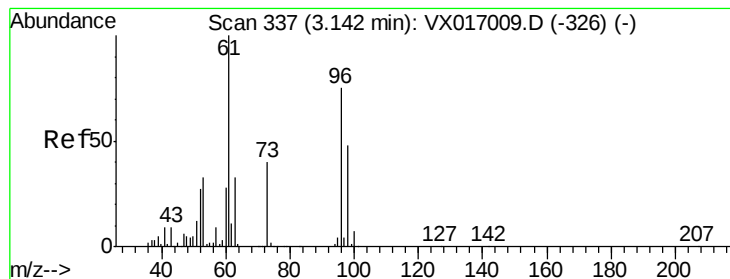
Tgt Ion: 73 Resp: 13047
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4



#20
Methylene Chloride
Concen: 1.305 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion: 84 Resp: 5607
Ion Ratio Lower Upper
84 100
49 123.6 94.7 142.1
51 41.3 28.6 42.8
86 65.4 50.5 75.7





#21

trans-1,2-Dichloroethene

Concen: 1.170 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

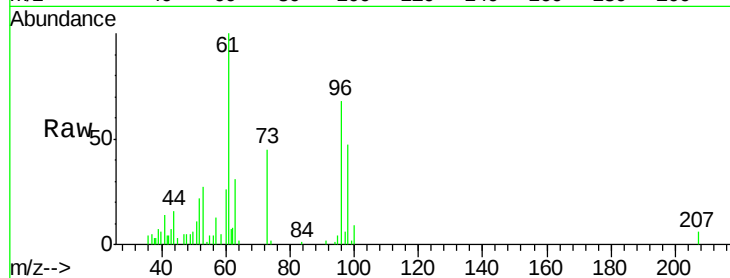
Tgt Ion: 96 Resp: 4683

Ion Ratio Lower Upper

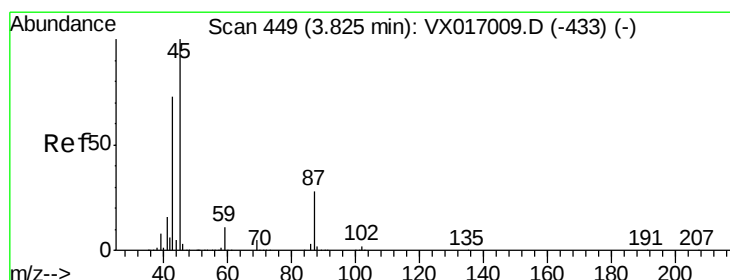
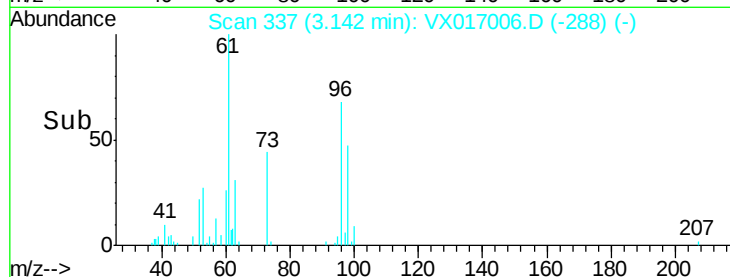
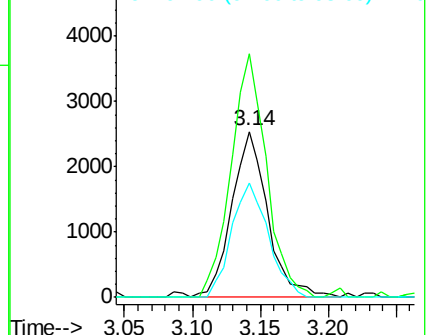
96 100

61 146.6 107.0 160.6

98 68.9 51.6 77.4



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: 1.070 ug/l

RT: 3.82 min Scan# 449

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Tgt Ion: 45 Resp: 13207

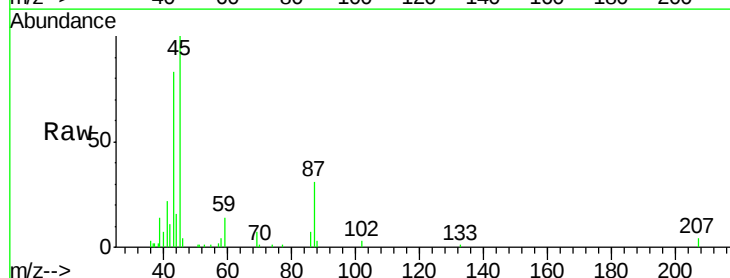
Ion Ratio Lower Upper

45 100

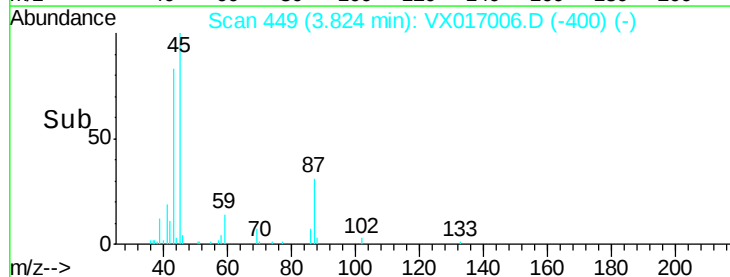
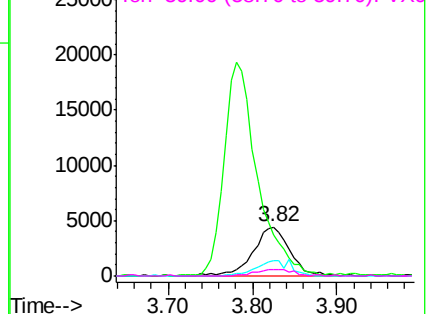
43 81.5 58.6 88.0

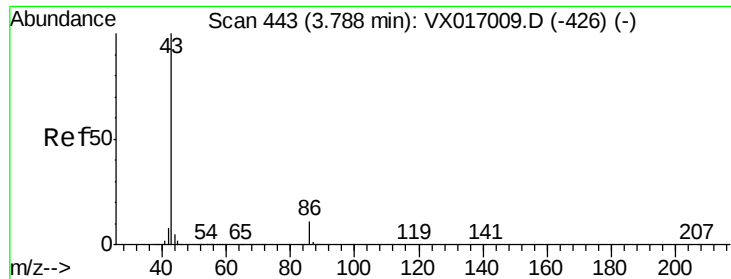
87 31.0 22.6 34.0

59 14.4 8.7 13.1#



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: 4.888 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

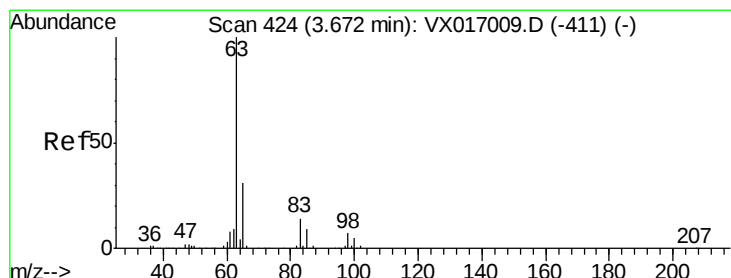
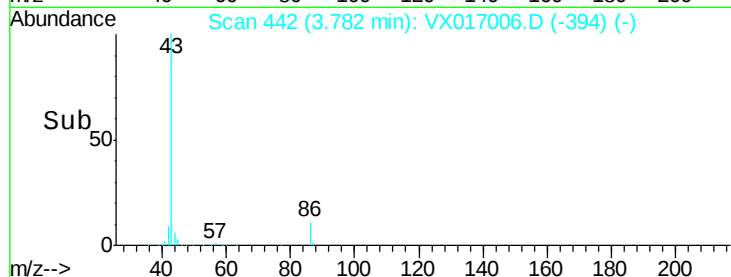
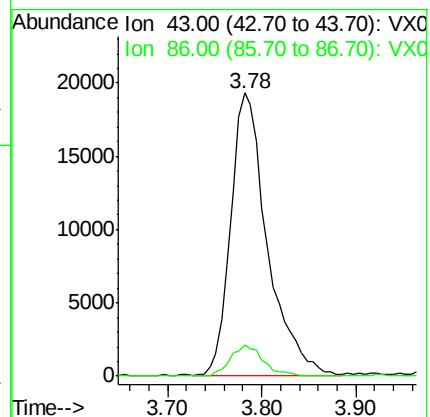
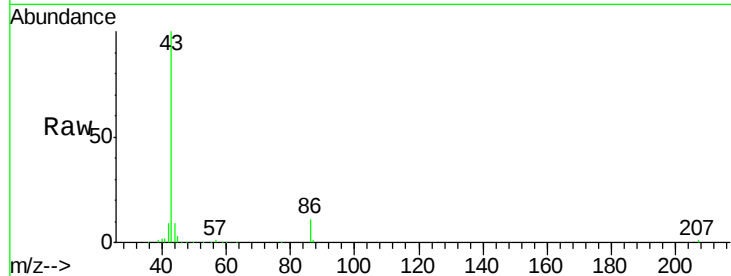
VSTDIC001

Tgt Ion: 43 Resp: 51830

Ion Ratio Lower Upper

43 100

86 11.2 8.6 13.0



#24

1,1-Dichloroethane

Concen: 1.110 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

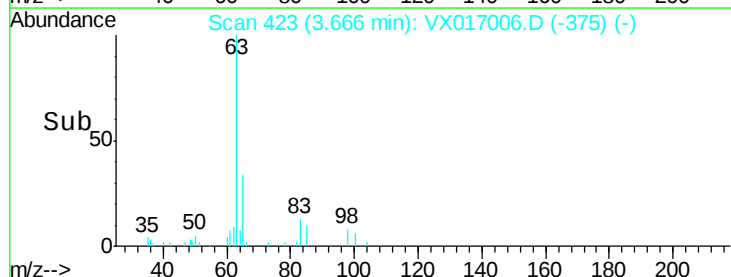
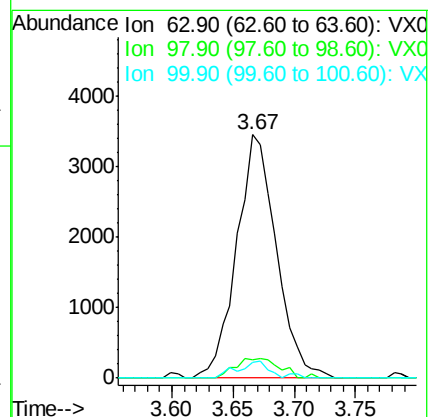
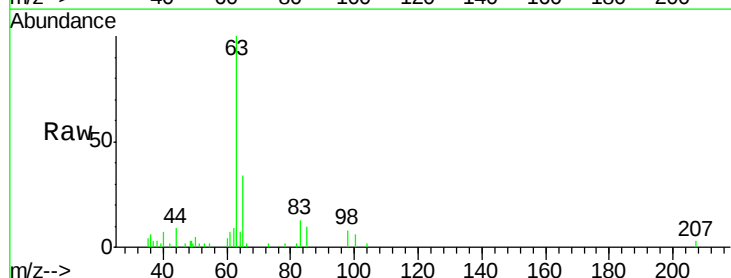
Tgt Ion: 63 Resp: 7796

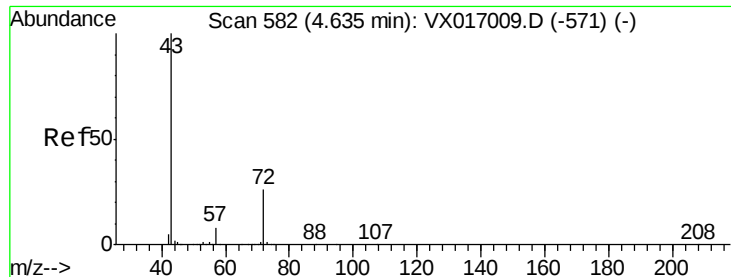
Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.8

100 6.4 2.4 7.1





#25

2-Butanone

Concen: 5.249 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampled :

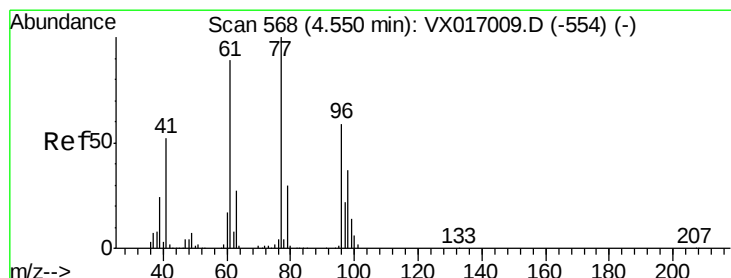
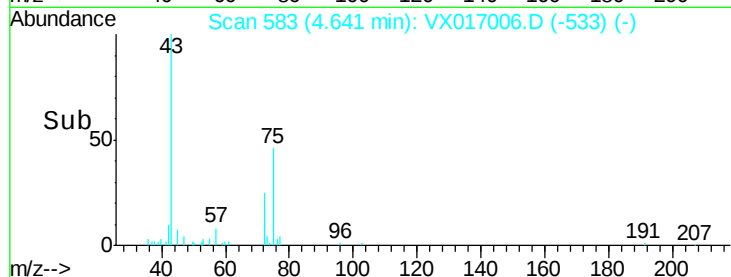
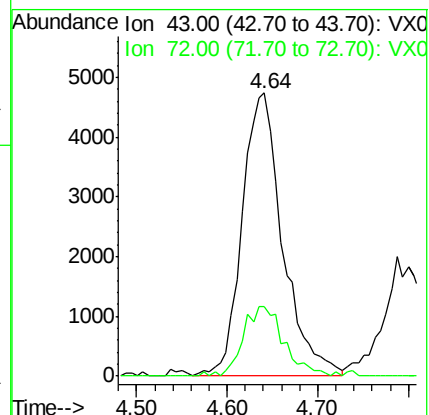
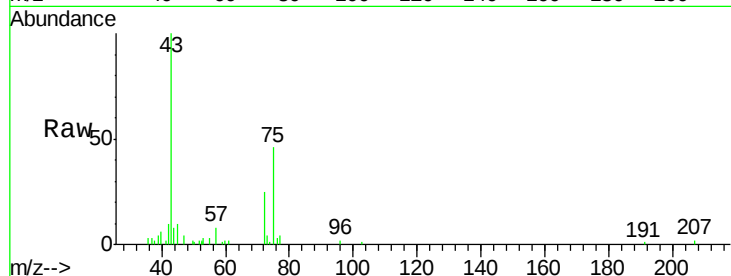
VSTDIC001

Tgt Ion: 43 Resp: 14709

Ion Ratio Lower Upper

43 100

72 24.6 20.8 31.2



#26

2,2-Dichloropropane

Concen: 1.186 ug/l

RT: 4.55 min Scan# 568

Delta R.T. -0.00 min

Lab File: VX017006.D

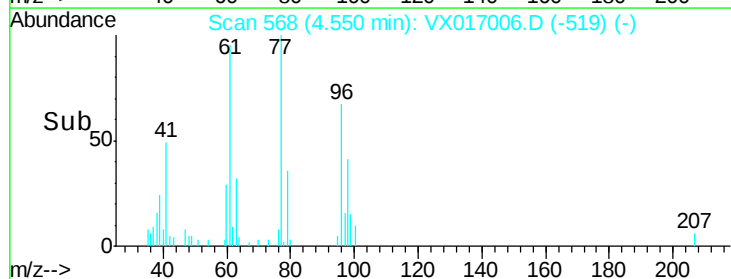
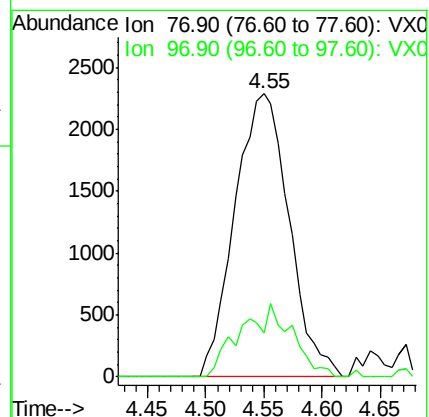
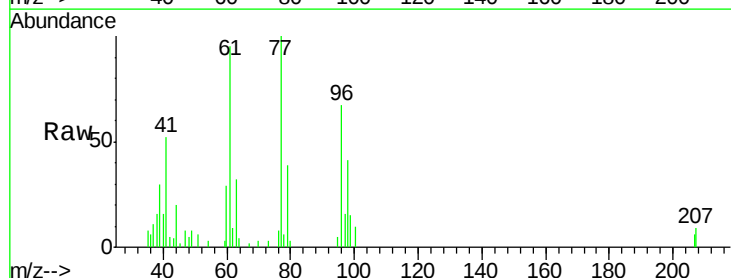
Acq: 29 Jun 2020 14:13

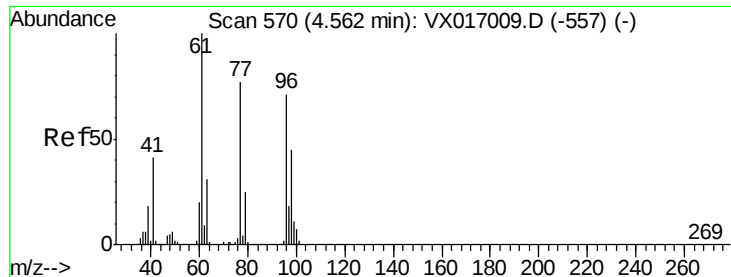
Tgt Ion: 77 Resp: 7393

Ion Ratio Lower Upper

77 100

97 24.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 1.168 ug/l

RT: 4.56 min Scan# 569

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

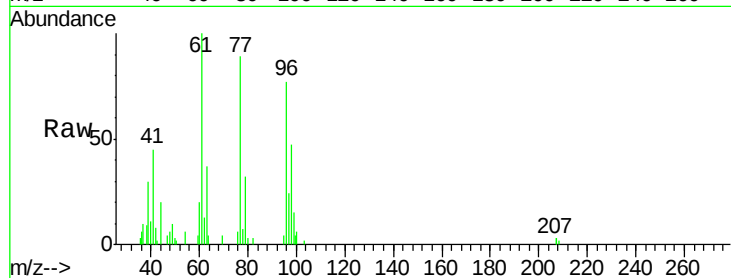
Tgt Ion: 96 Resp: 5299

Ion Ratio Lower Upper

96 100

61 142.6 0.0 282.8

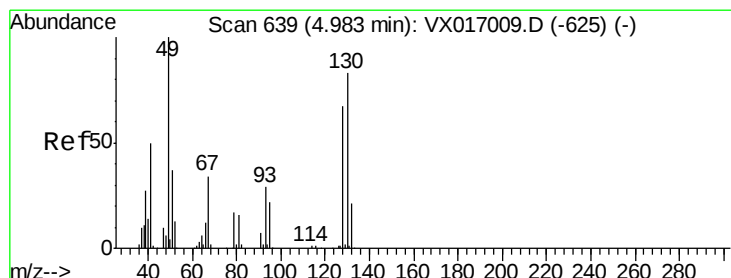
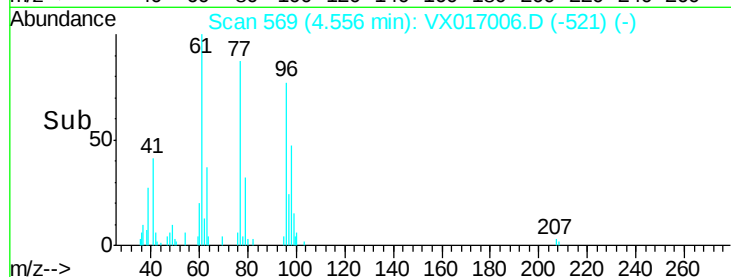
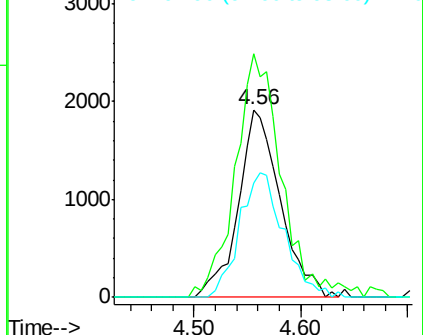
98 69.6 0.0 127.6



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: 1.166 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

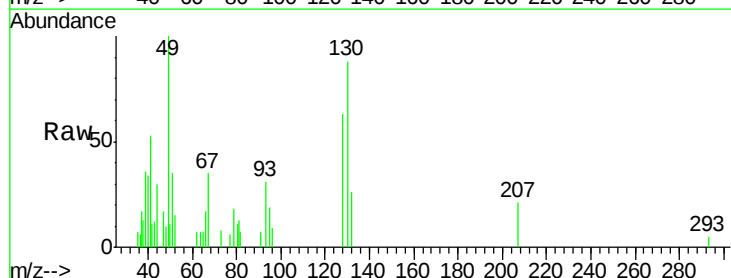
Tgt Ion: 49 Resp: 3983

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

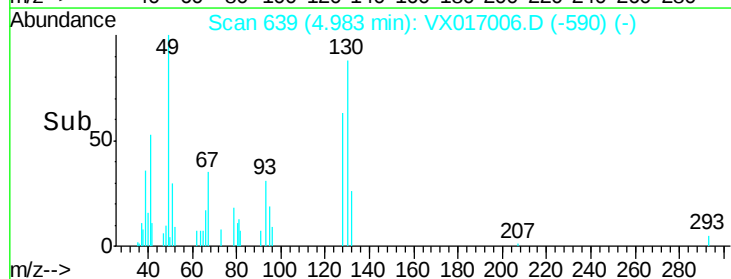
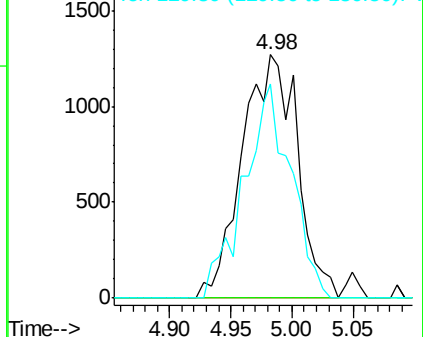
130 75.1 66.6 100.0

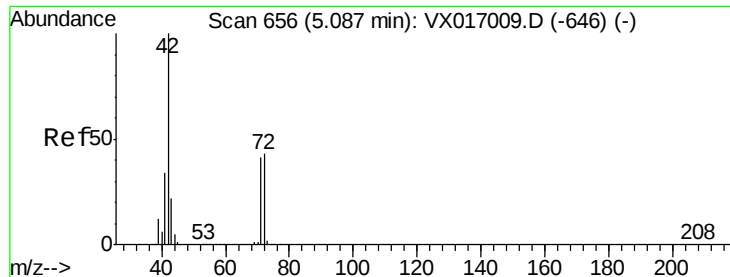


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

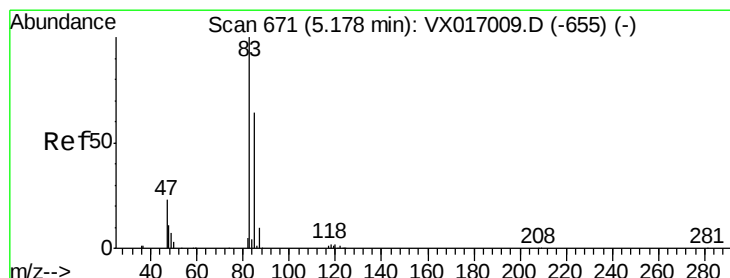
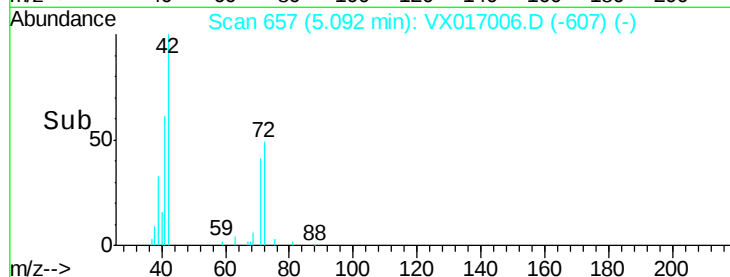
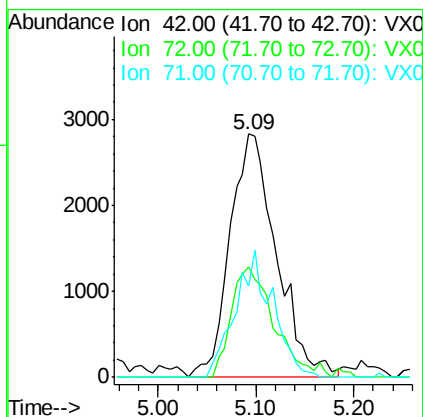
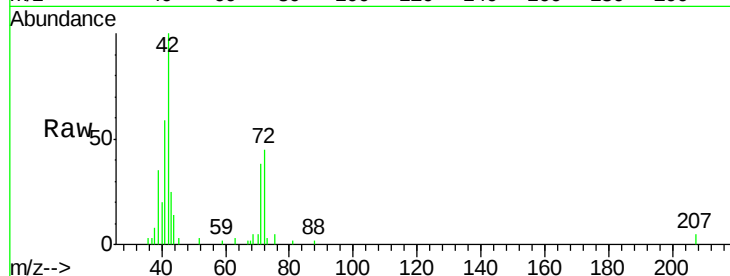




#29
Tetrahydrofuran
Concen: 5.058 ug/l
RT: 5.09 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

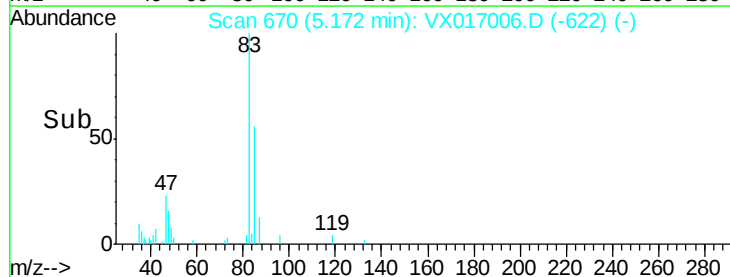
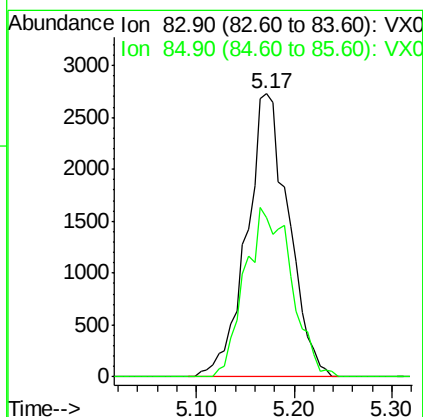
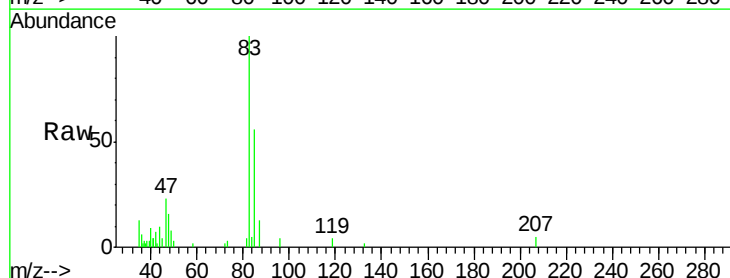
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

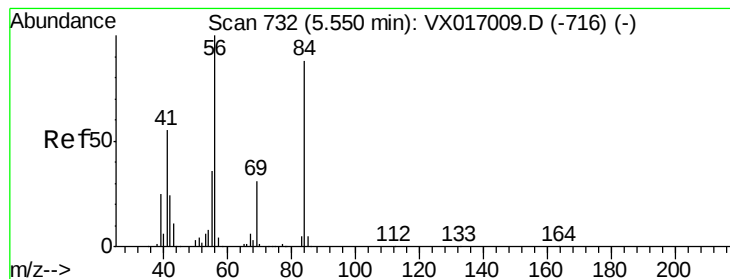
Tgt Ion: 42 Resp: 9365
Ion Ratio Lower Upper
42 100
72 41.8 35.3 52.9
71 42.2 33.1 49.7



#30
Chloroform
Concen: 1.126 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion: 83 Resp: 8104
Ion Ratio Lower Upper
83 100
85 56.4 51.4 77.2





#31

Cyclohexane

Concen: 1.096 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampled :

VSTDIC001

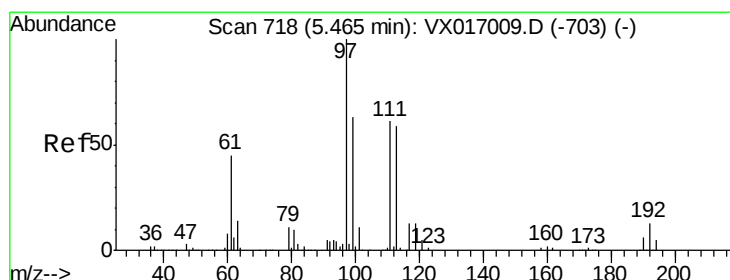
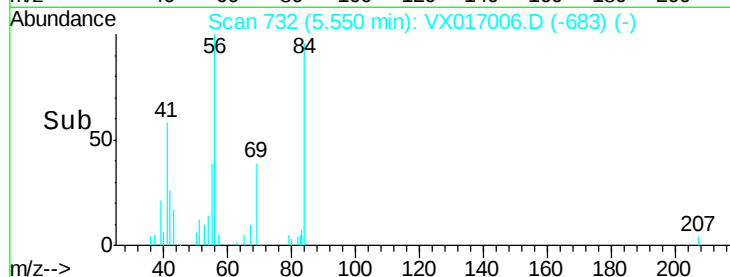
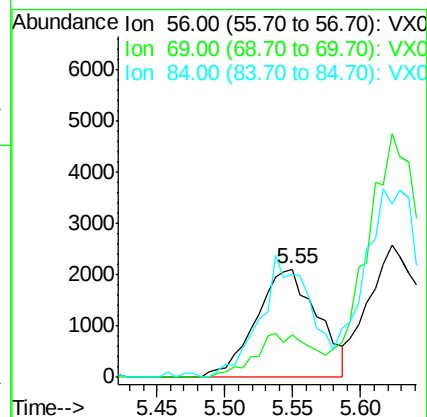
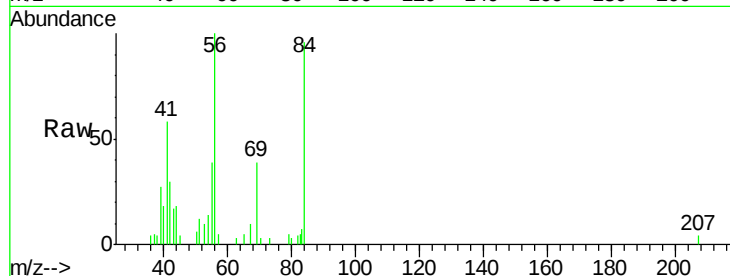
Tgt Ion: 56 Resp: 6652

Ion Ratio Lower Upper

56 100

69 39.0 25.0 37.4#

84 92.1 69.1 103.7



#32

1,1,1-Trichloroethane

Concen: 1.147 ug/l

RT: 5.46 min Scan# 717

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

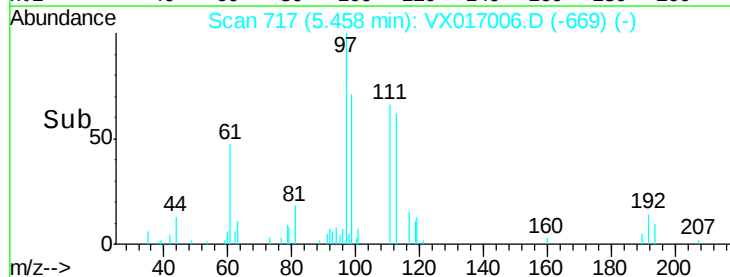
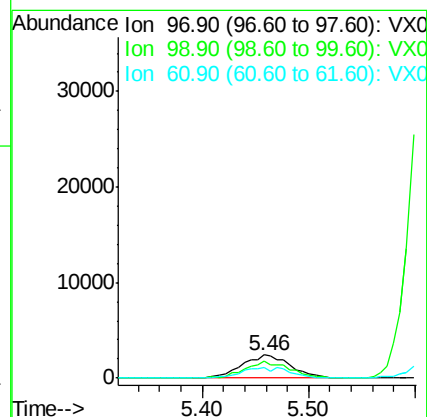
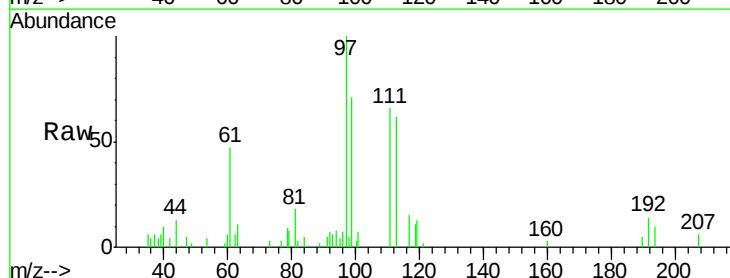
Tgt Ion: 97 Resp: 7603

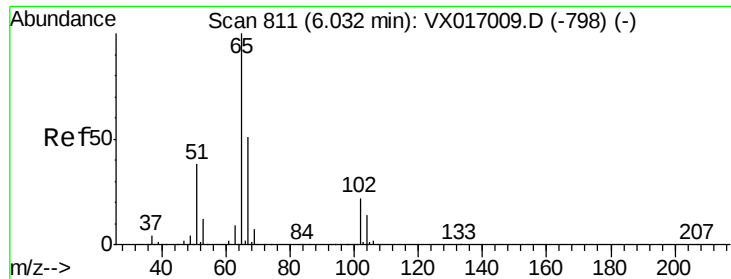
Ion Ratio Lower Upper

97 100

99 0.0 50.8 76.2#

61 28.4 33.7 50.5#





#33

1,2-Dichloroethane-d4

Concen: 1.489 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampled :

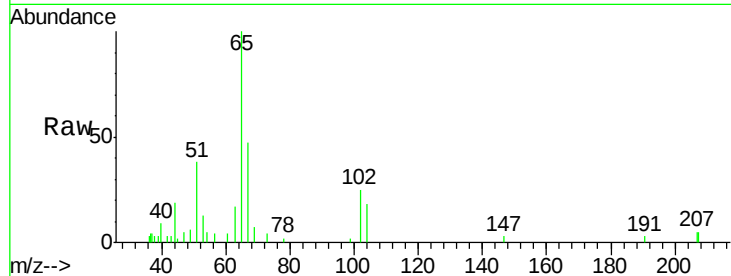
VSTDIC001

Tgt Ion: 65 Resp: 6692

Ion Ratio Lower Upper

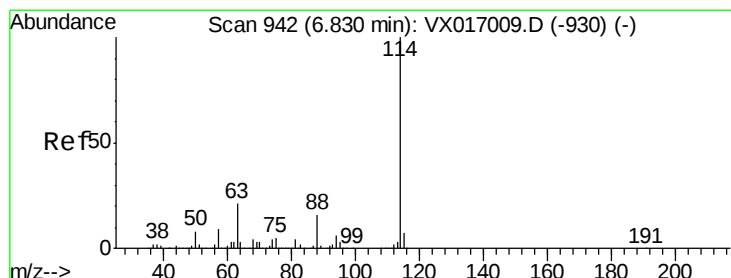
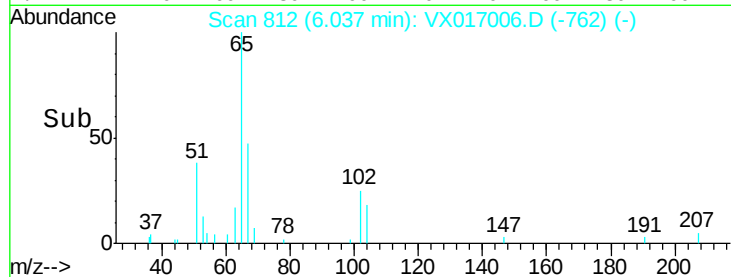
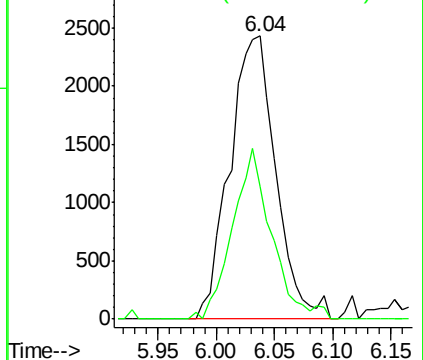
65 100

67 51.2 0.0 103.8



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: VX017006.D

Acq: 29 Jun 2020 14:13

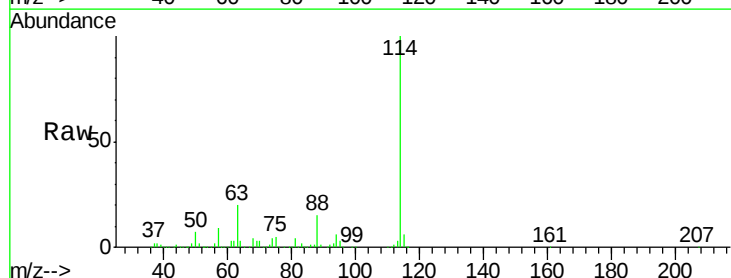
Tgt Ion: 114 Resp: 578404

Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.4

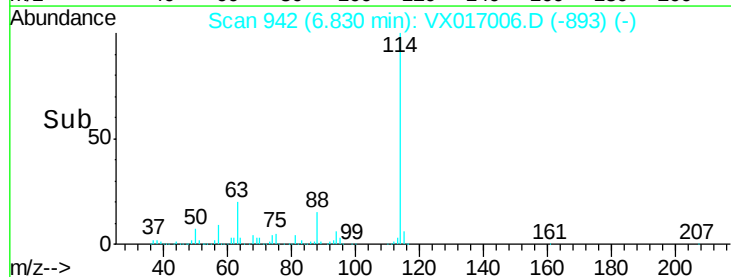
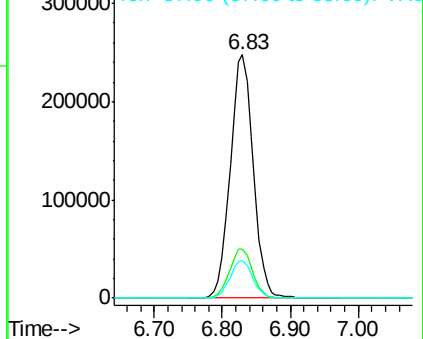
88 15.4 0.0 32.4

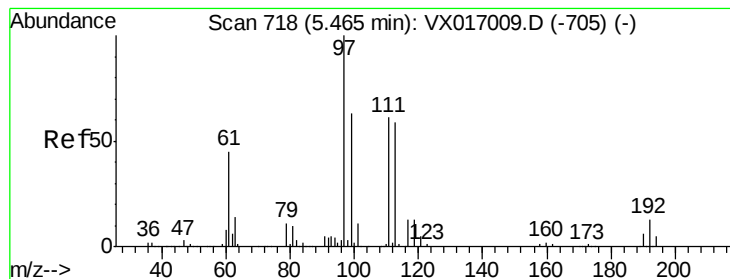


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 1.344 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

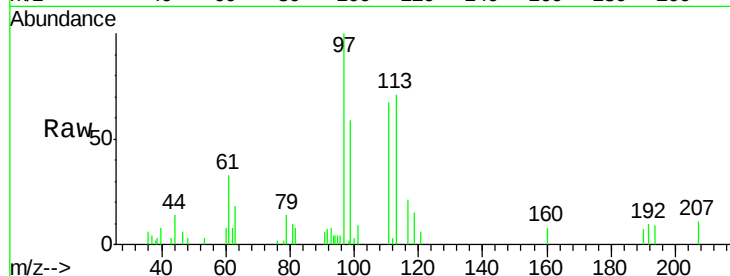
Tgt Ion: 113 Resp: 4919

Ion Ratio Lower Upper

113 100

111 99.2 81.9 122.9

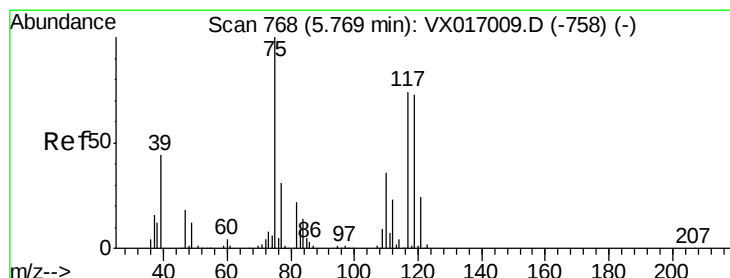
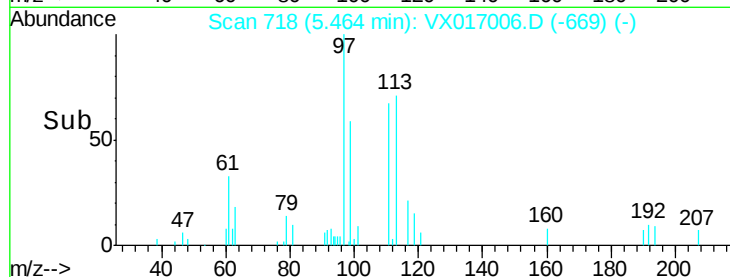
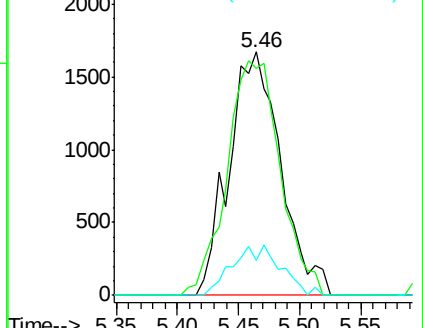
192 19.3 16.7 25.1



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: 1.216 ug/l

RT: 5.76 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

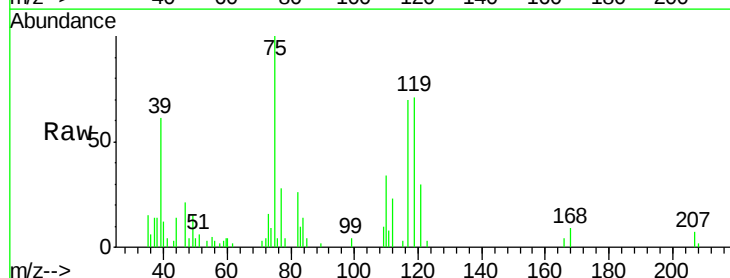
Tgt Ion: 75 Resp: 6647

Ion Ratio Lower Upper

75 100

110 36.1 18.1 54.1

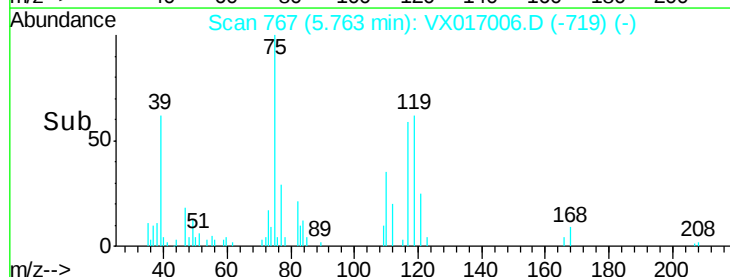
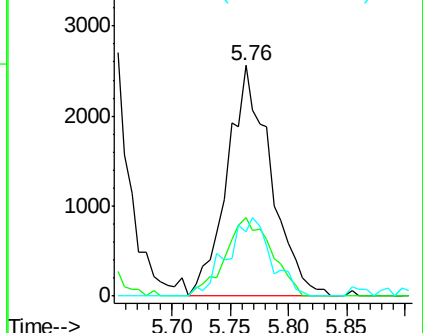
77 34.4 24.6 37.0

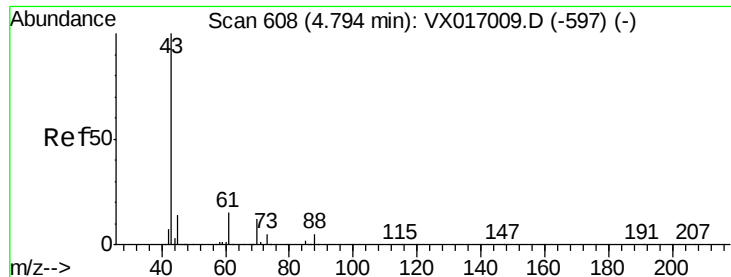


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

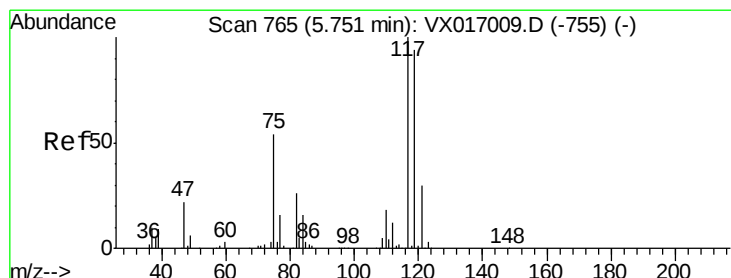
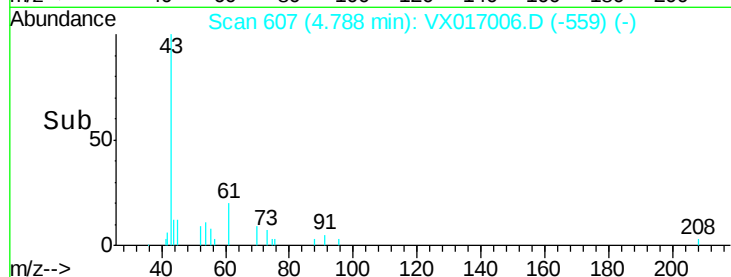
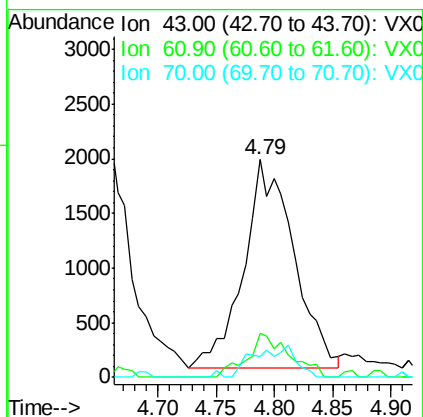
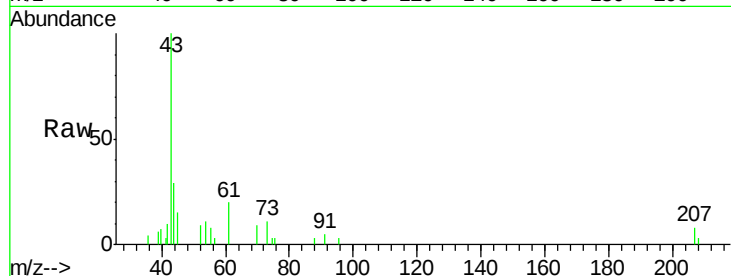




#37
Ethyl Acetate
Concen: 1.020 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

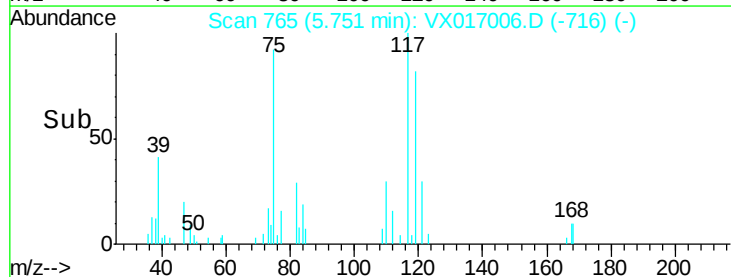
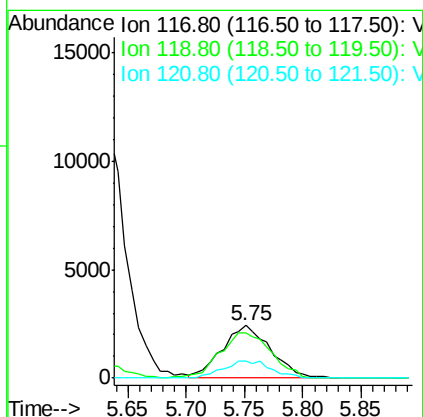
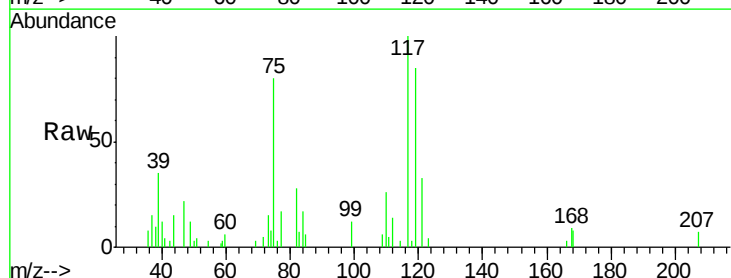
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

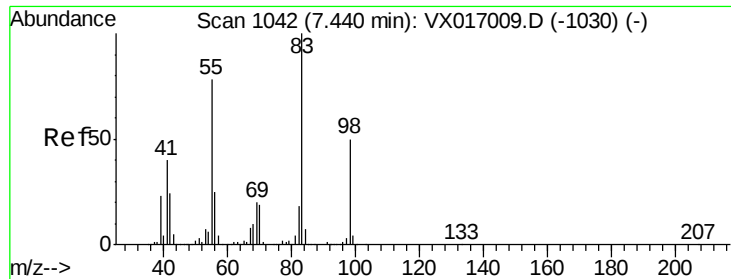
Tgt Ion: 43 Resp: 5657
Ion Ratio Lower Upper
43 100
61 17.7 11.0 16.4#
70 0.0 8.9 13.3#



#38
Carbon Tetrachloride
Concen: 1.167 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion: 117 Resp: 7024
Ion Ratio Lower Upper
117 100
119 85.1 75.4 113.0
121 33.1 23.8 35.6

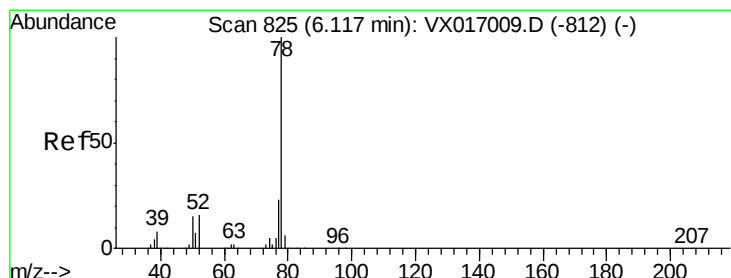
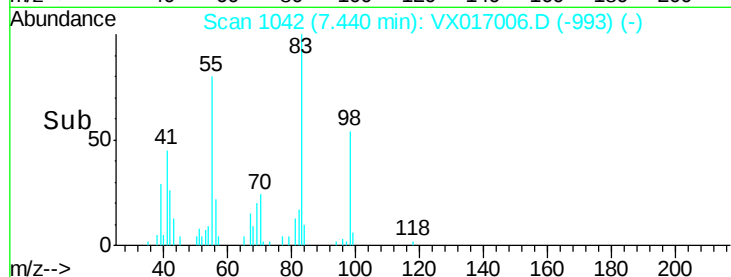
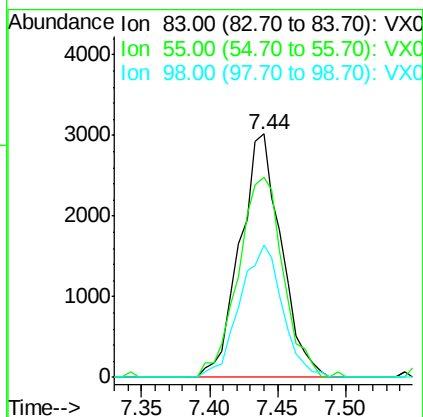
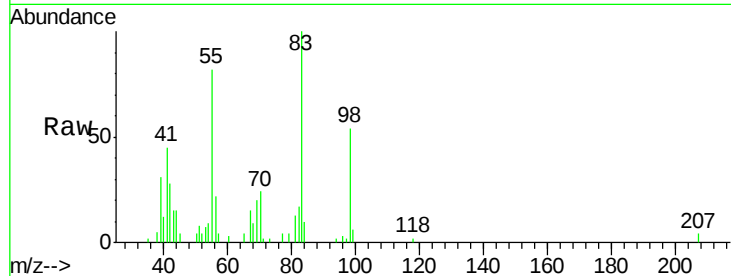




#39
Methylcyclohexane
Concen: 1.053 ug/l
RT: 7.44 min Scan# 1042
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

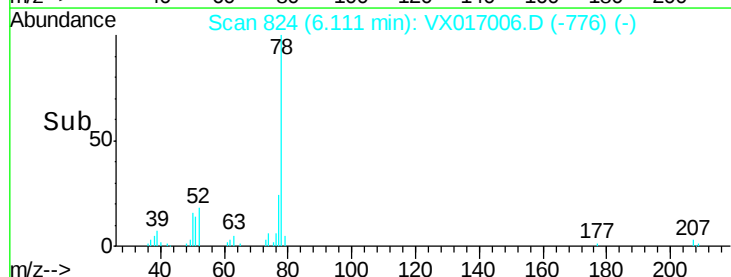
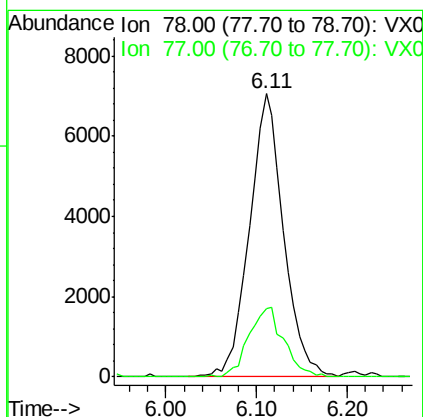
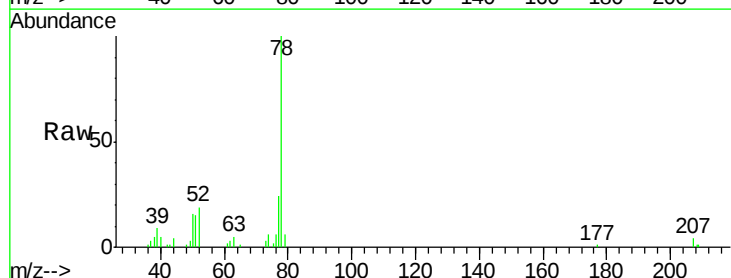
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

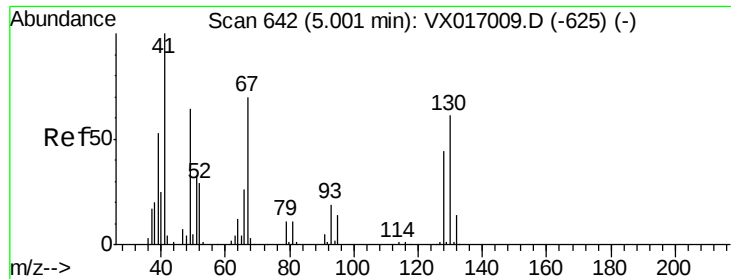
Tgt Ion: 83 Resp: 6406
Ion Ratio Lower Upper
83 100
55 82.3 62.5 93.7
98 54.1 40.1 60.1



#40
Benzene
Concen: 1.142 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.01 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion: 78 Resp: 18349
Ion Ratio Lower Upper
78 100
77 24.1 18.3 27.5

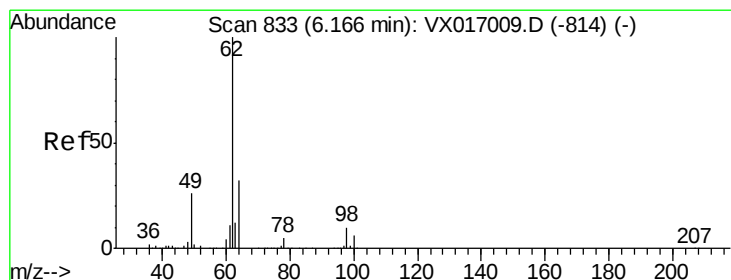
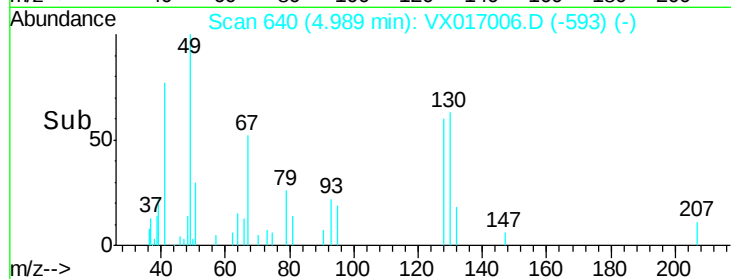
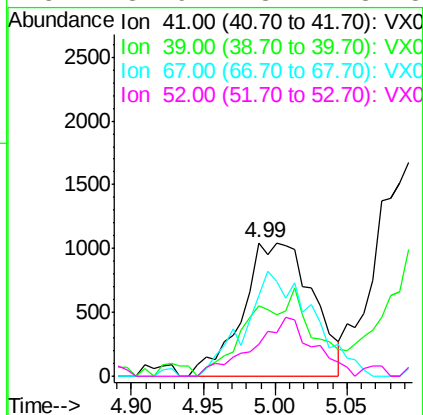
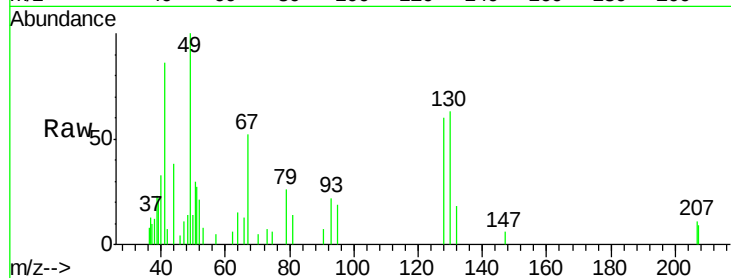




#41
Methacrylonitrile
Concen: 1.131 ug/l
RT: 4.99 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

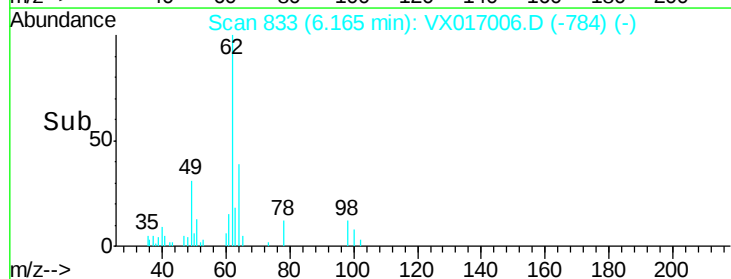
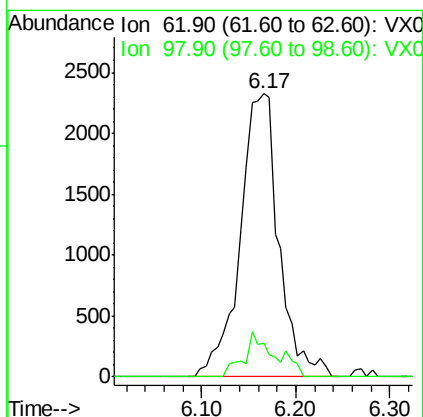
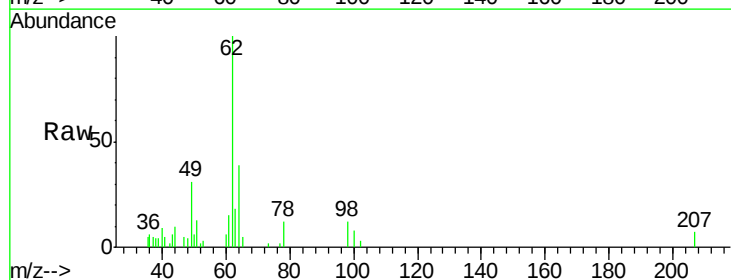
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

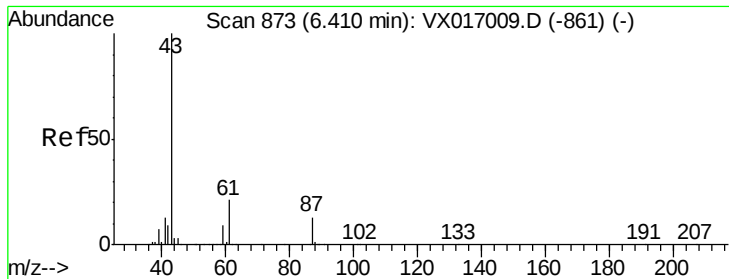
Tgt Ion: 41 Resp: 3530
Ion Ratio Lower Upper
41 100
39 30.1 44.4 66.6#
67 76.1 57.1 85.7
52 37.9 23.2 34.8#



#42
1,2-Dichloroethane
Concen: 1.148 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion: 62 Resp: 6659
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.2





#43

Isopropyl Acetate

Concen: 1.114 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

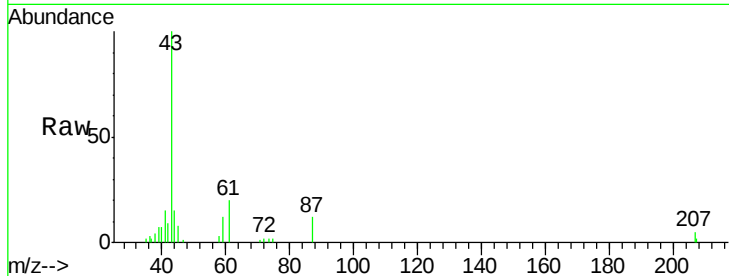
Tgt Ion: 43 Resp: 10265

Ion Ratio Lower Upper

43 100

61 21.3 16.2 24.2

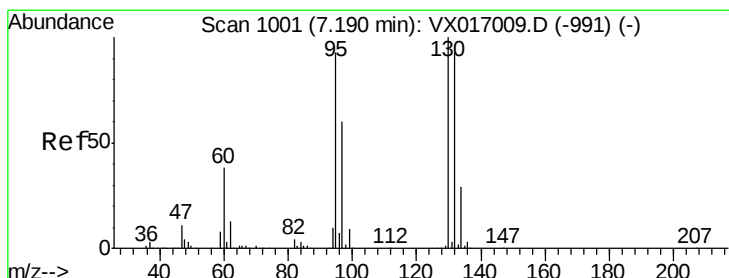
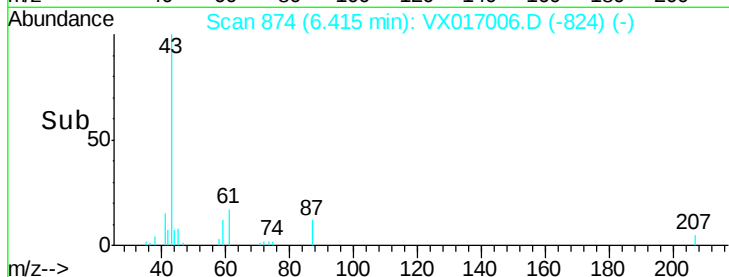
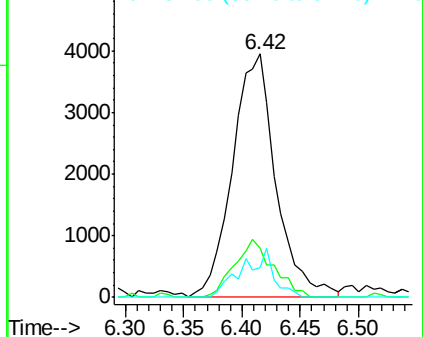
87 14.3 10.7 16.1



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: 1.290 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX017006.D

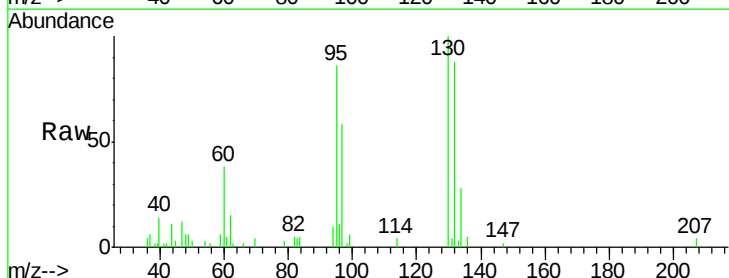
Acq: 29 Jun 2020 14:13

Tgt Ion: 130 Resp: 6241

Ion Ratio Lower Upper

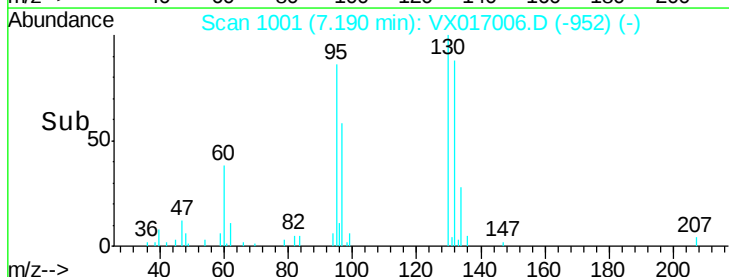
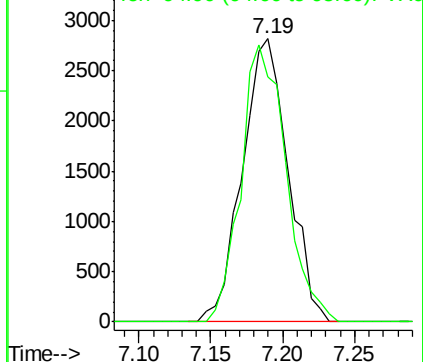
130 100

95 86.5 0.0 185.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

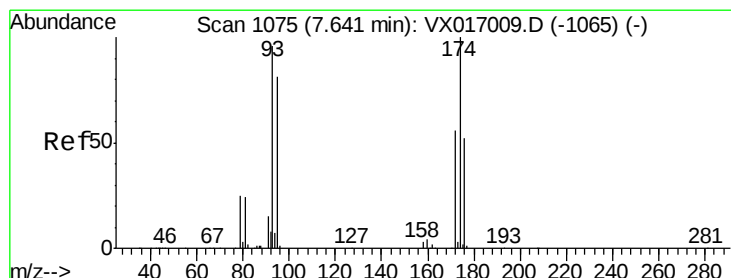
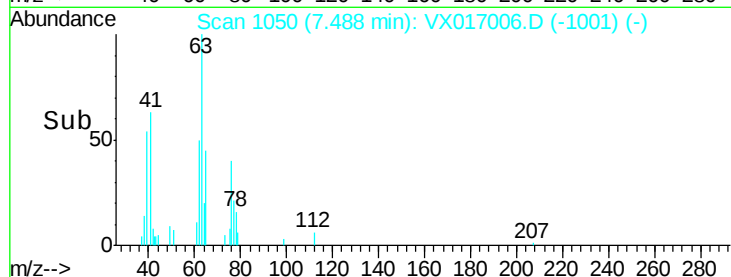
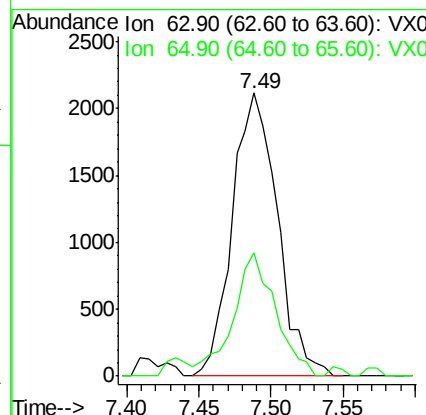
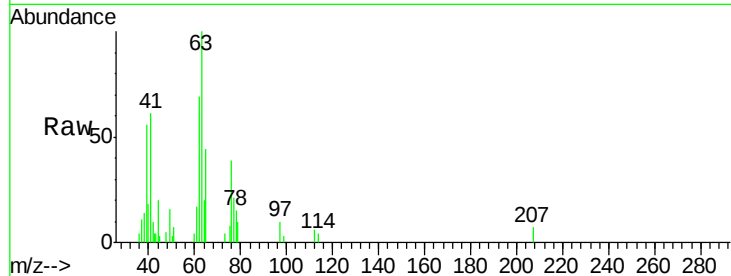




#45
 1,2-Dichloropropane
 Concen: 1.118 ug/l
 RT: 7.49 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

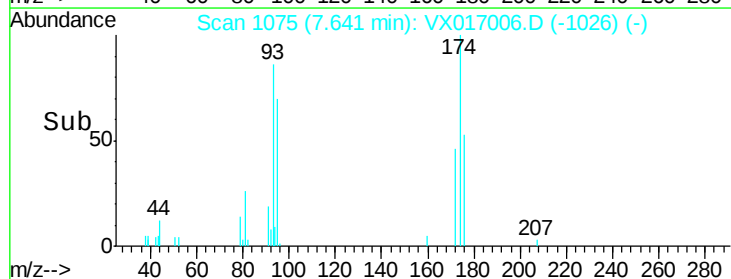
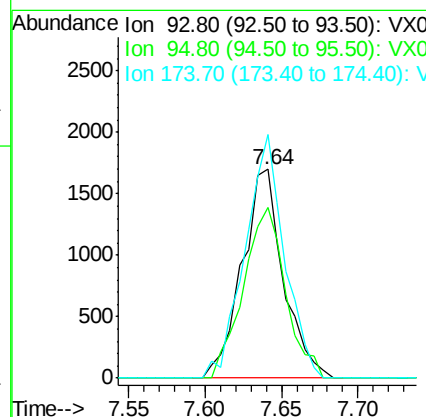
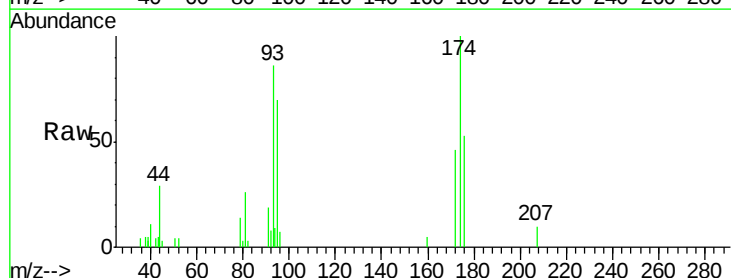
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

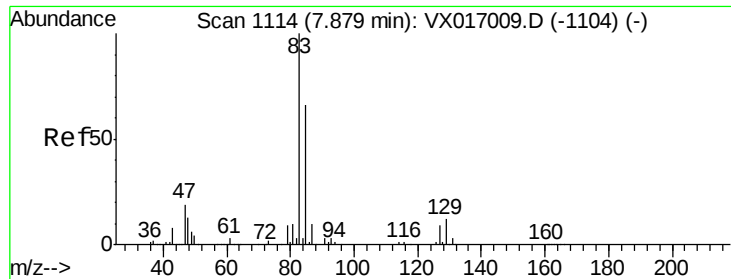
Tgt Ion: 63 Resp: 4612
 Ion Ratio Lower Upper
 63 100
 65 41.2 24.6 36.8#



#46
 Dibromomethane
 Concen: 1.123 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Tgt Ion: 93 Resp: 3164
 Ion Ratio Lower Upper
 93 100
 95 84.2 67.4 101.0
 174 111.6 84.3 126.5





#47

Bromodichloromethane

Concen: 1.103 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

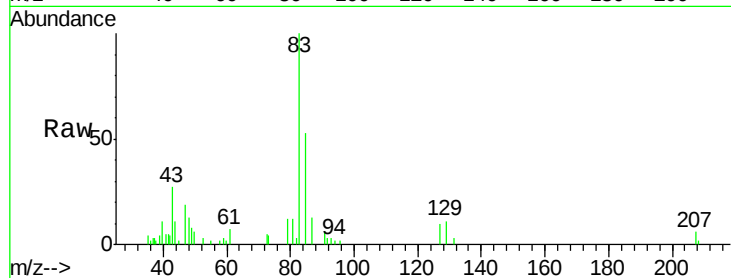
Tgt Ion: 83 Resp: 6402

Ion Ratio Lower Upper

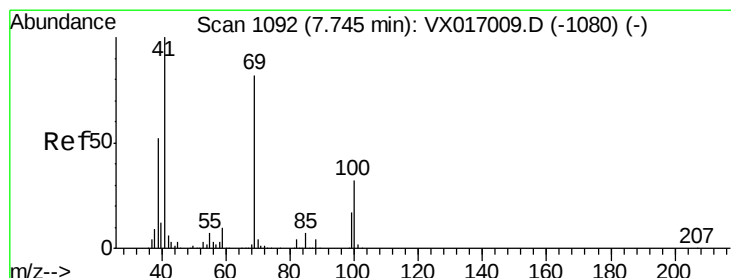
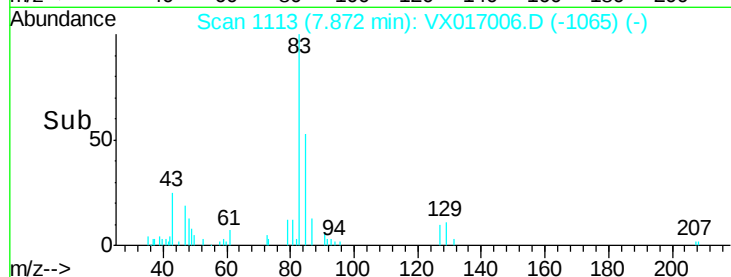
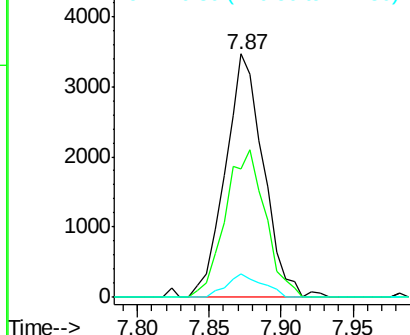
83 100

85 52.8 53.0 79.4#

127 9.9 7.5 11.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 0.941 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

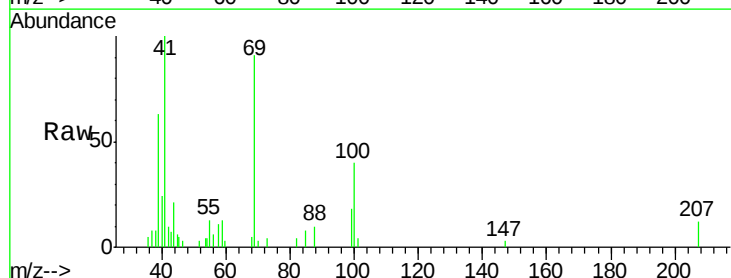
Tgt Ion: 41 Resp: 4121

Ion Ratio Lower Upper

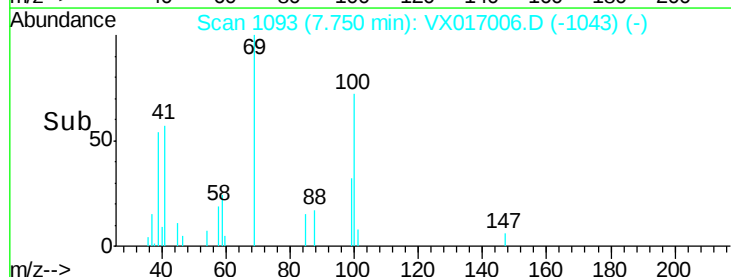
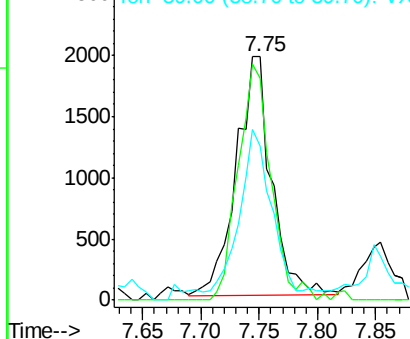
41 100

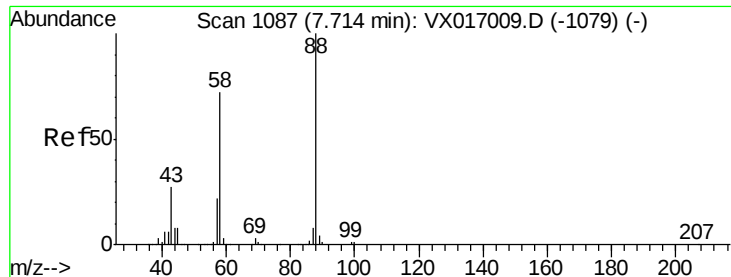
69 92.3 65.8 98.8

39 63.6 42.5 63.7



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

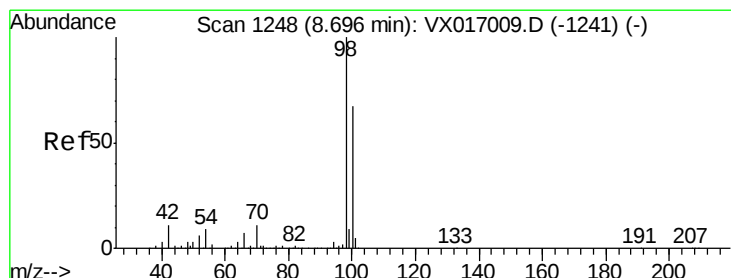
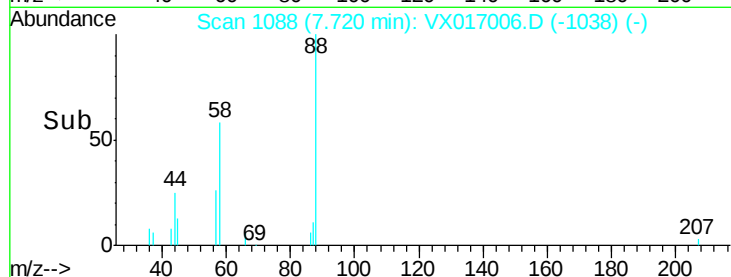
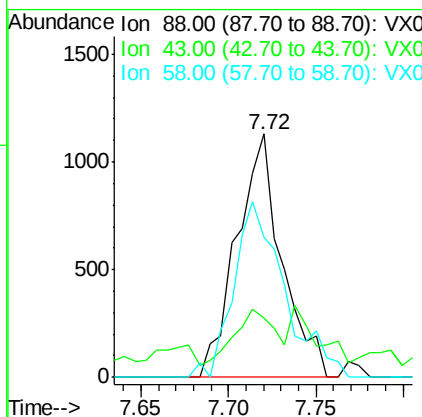
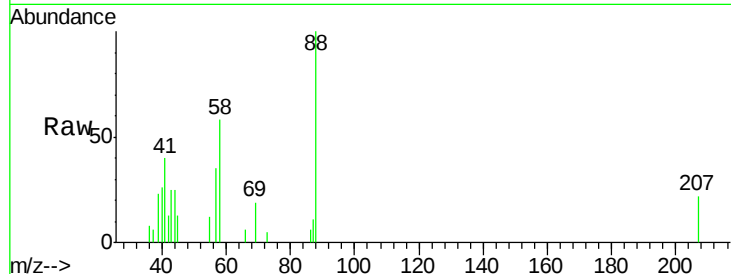




#49
1,4-Dioxane
Concen: 20.534 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

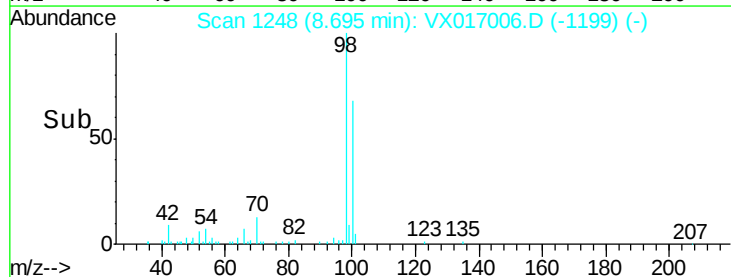
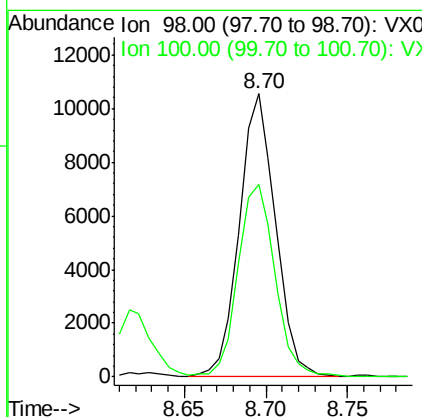
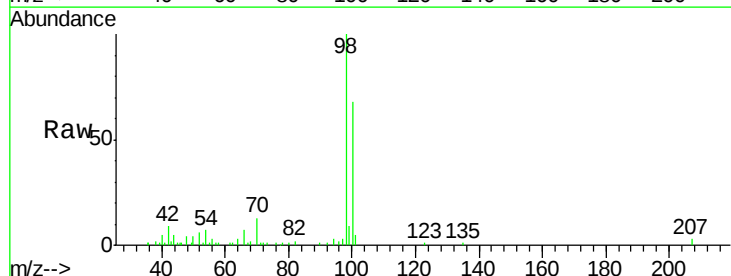
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

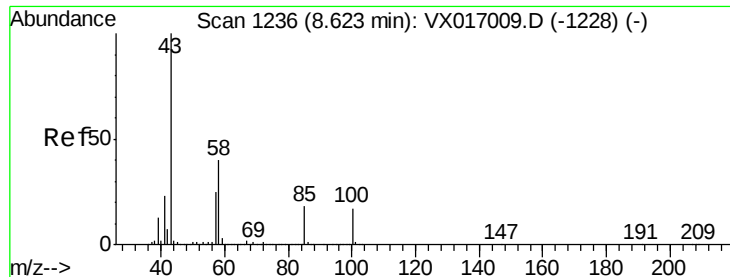
Tgt Ion: 88 Resp: 2037
Ion Ratio Lower Upper
88 100
43 20.6 25.8 38.8#
58 81.3 54.8 82.2



#50
Toluene-d8
Concen: 1.206 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion: 98 Resp: 16318
Ion Ratio Lower Upper
98 100
100 69.8 53.8 80.6

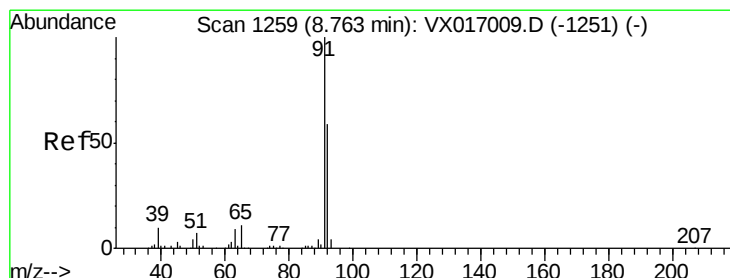
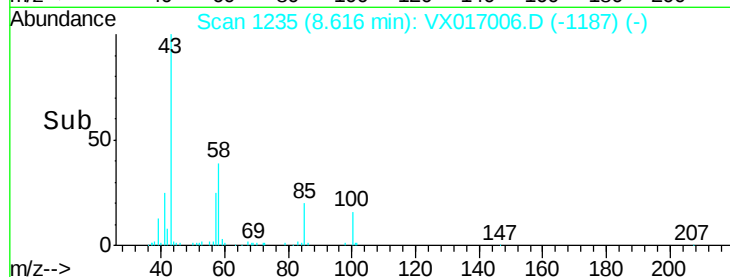
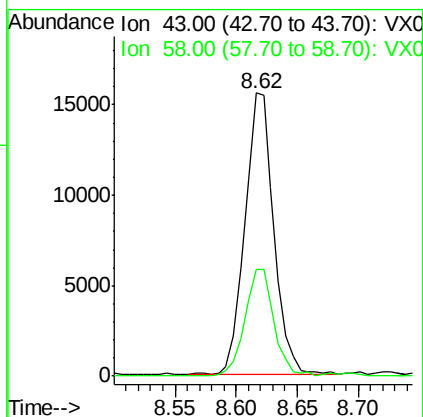
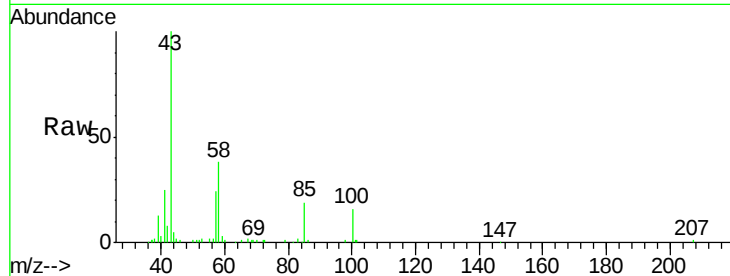




#51
 4-Methyl-2-Pentanone
 Concen: 4.681 ug/l
 RT: 8.62 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

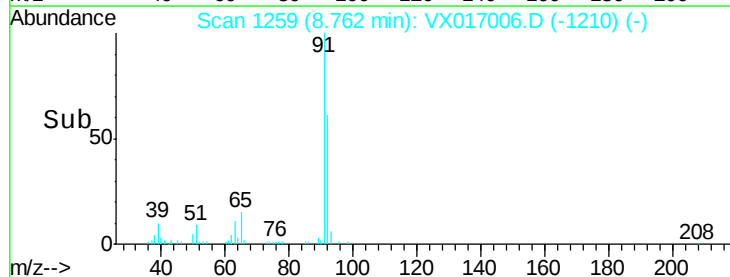
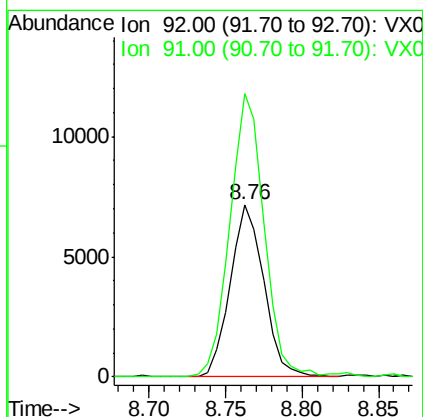
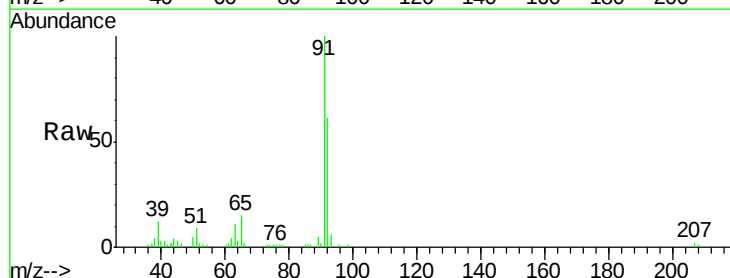
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

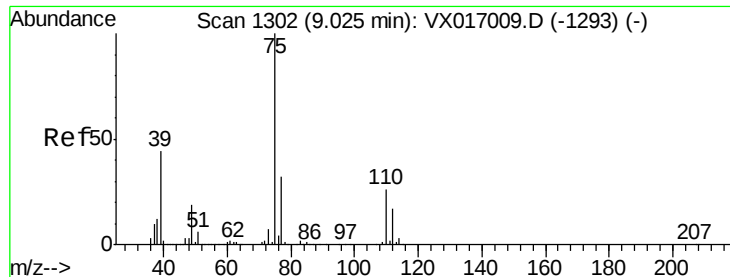
Tgt Ion: 43 Resp: 25716
 Ion Ratio Lower Upper
 43 100
 58 38.1 31.9 47.9



#52
 Toluene
 Concen: 1.086 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Tgt Ion: 92 Resp: 10890
 Ion Ratio Lower Upper
 92 100
 91 167.9 136.9 205.3





#53

t-1,3-Dichloropropene

Concen: 1.045 ug/l

RT: 9.02 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

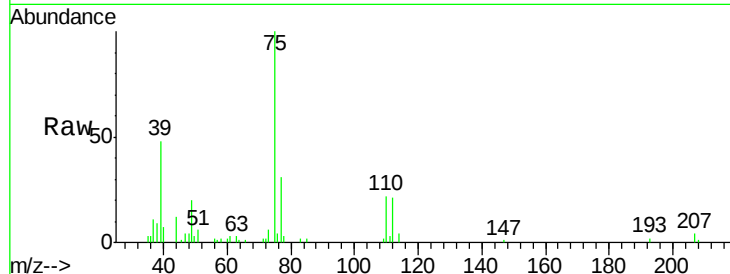
VSTDIC001

Tgt Ion: 75 Resp: 6692

Ion Ratio Lower Upper

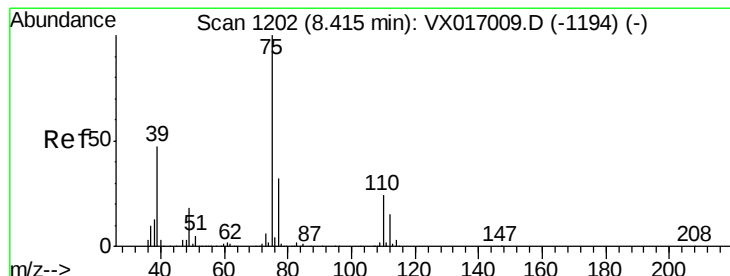
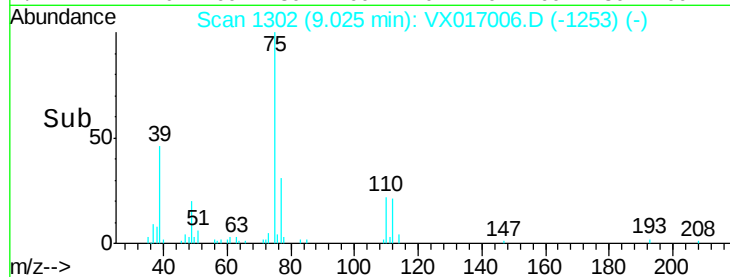
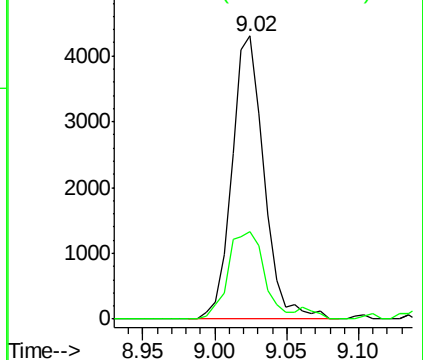
75 100

77 31.1 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 1.067 ug/l

RT: 8.41 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

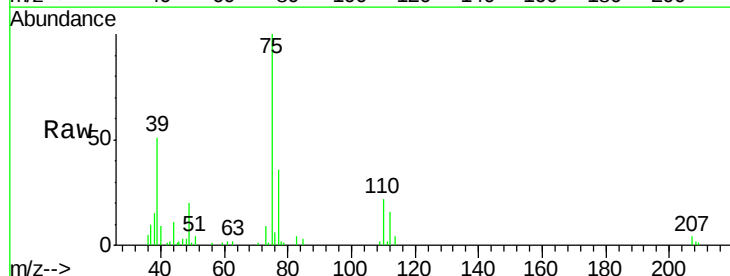
Tgt Ion: 75 Resp: 7327

Ion Ratio Lower Upper

75 100

77 35.9 25.2 37.8

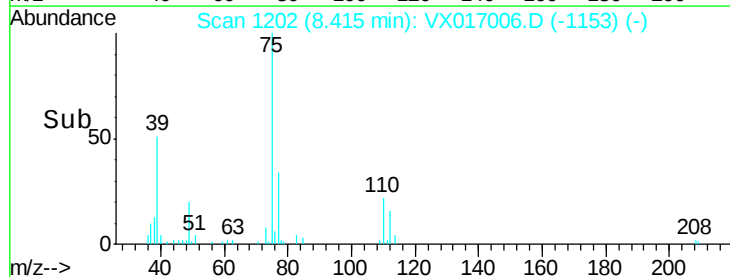
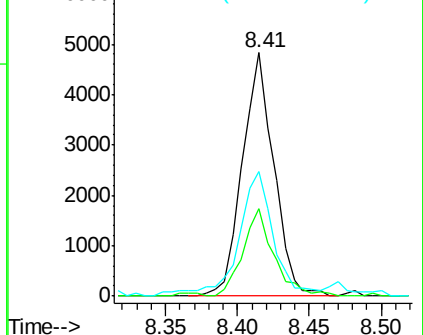
39 49.1 37.4 56.2

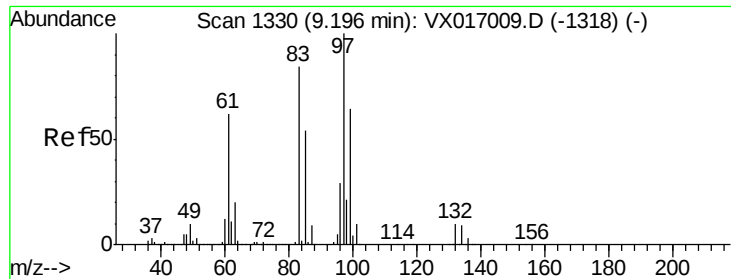


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

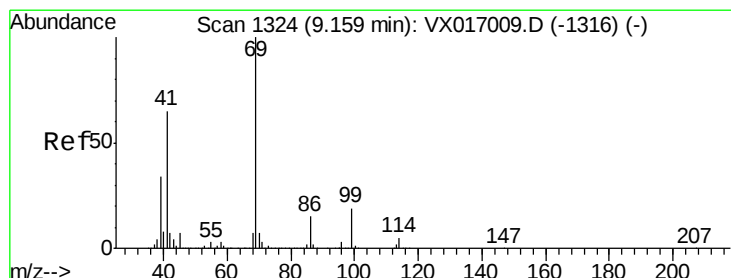
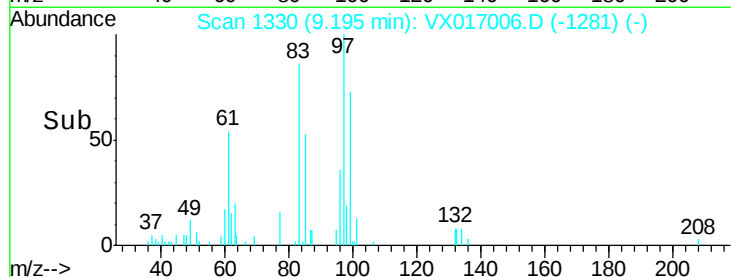
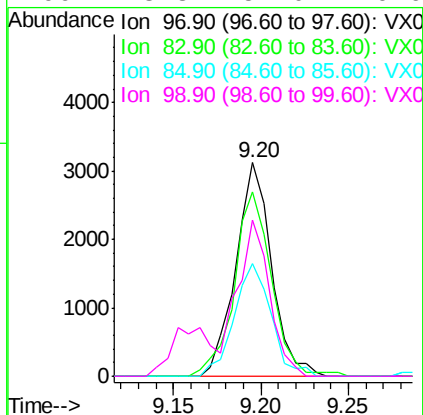
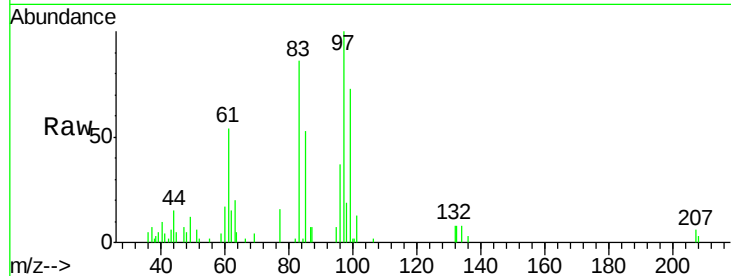




#55
 1,1,2-Trichloroethane
 Concen: 1.081 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

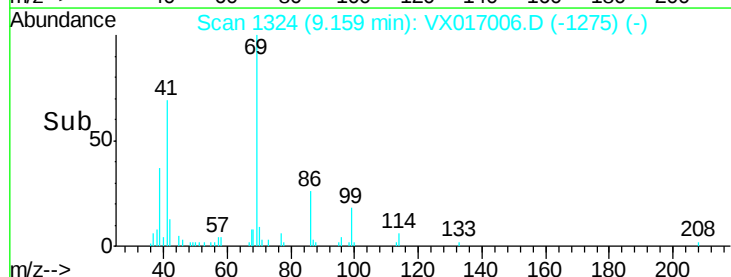
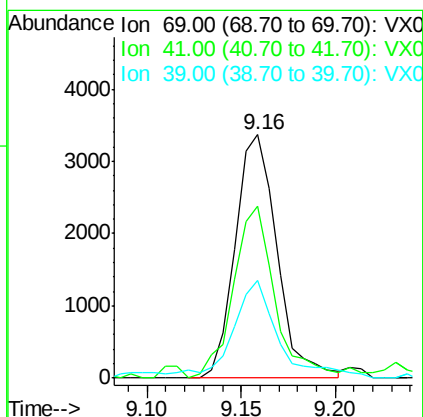
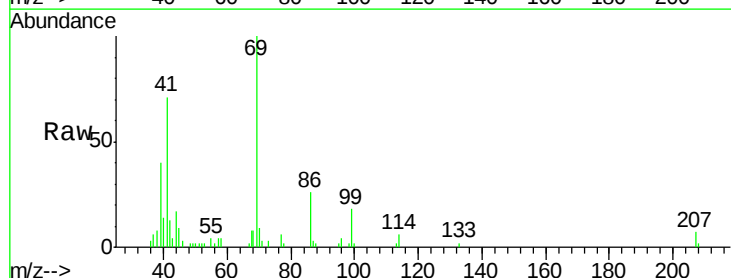
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

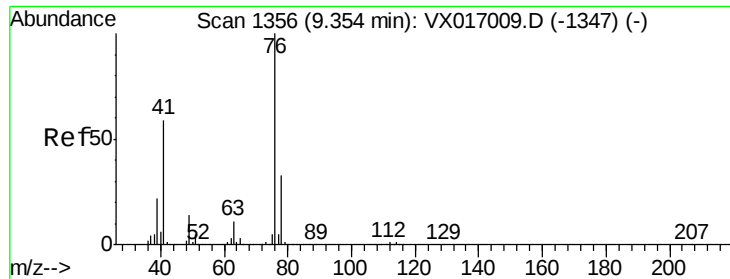
Tgt Ion:	97	Resp:	4430
Ion	Ratio	Lower	Upper
97	100		
83	86.3	67.0	100.6
85	52.5	43.5	65.3
99	73.3	51.0	76.6



#56
 Ethyl methacrylate
 Concen: 0.888 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Tgt Ion:	69	Resp:	5181
Ion	Ratio	Lower	Upper
69	100		
41	70.3	53.6	80.4
39	43.8	28.2	42.2#

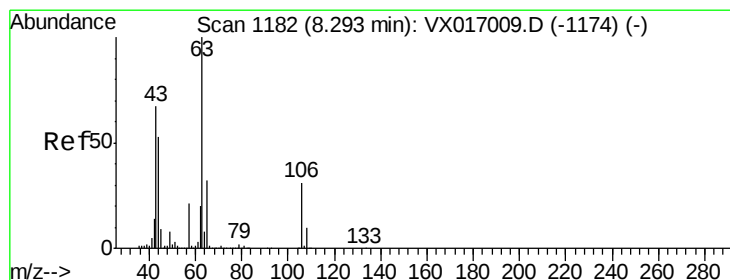
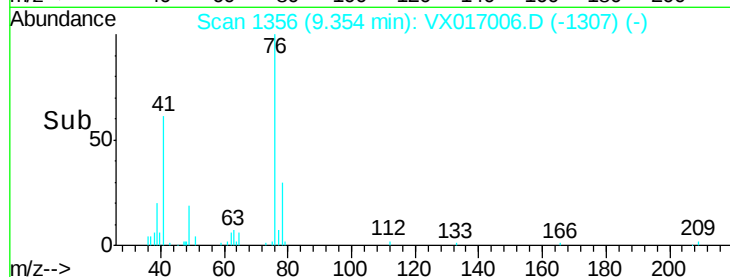
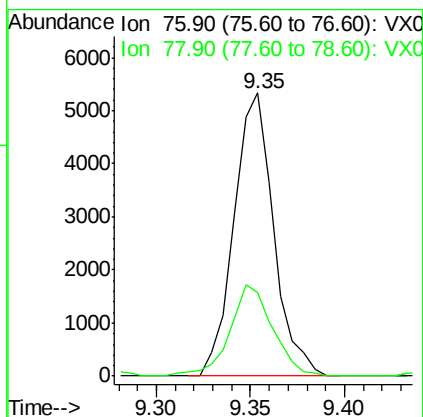
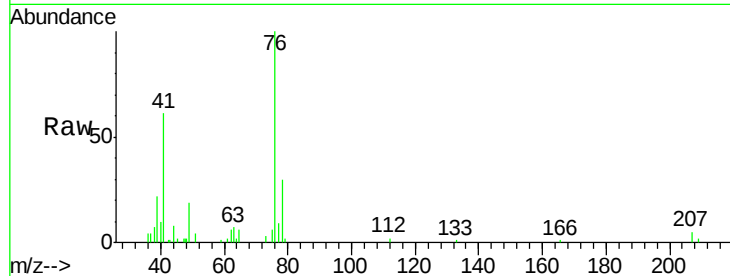




#57
 1,3-Dichloropropane
 Concen: 1.121 ug/l
 RT: 9.35 min Scan# 1356
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

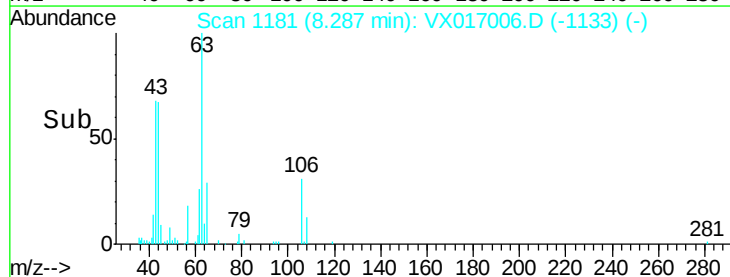
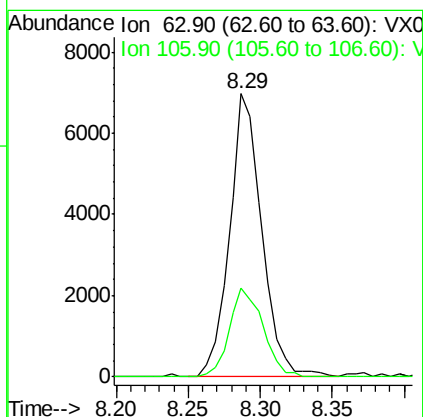
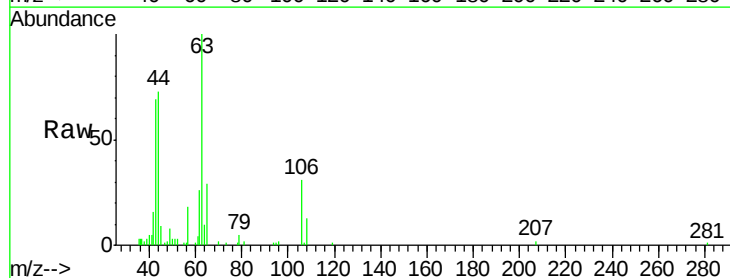
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

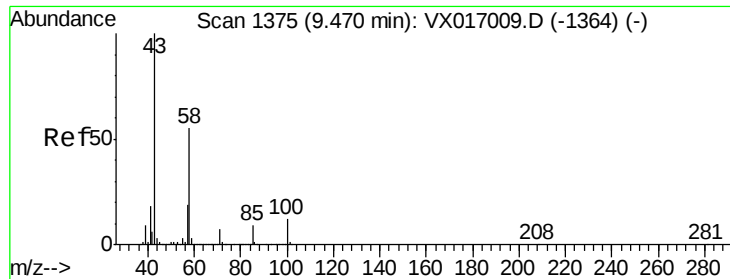
Tgt Ion: 76 Resp: 7773
 Ion Ratio Lower Upper
 76 100
 78 35.1 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 3.758 ug/l
 RT: 8.29 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Tgt Ion: 63 Resp: 10907
 Ion Ratio Lower Upper
 63 100
 106 32.7 24.0 36.0





#59

2-Hexanone

Concen: 4.399 ug/l

RT: 9.47 min Scan# 1375

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

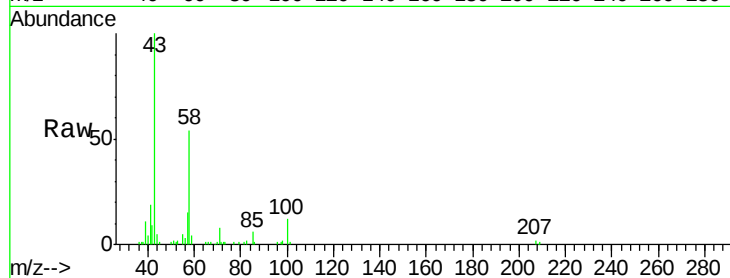
VSTDIC001

Tgt Ion: 43 Resp: 17651

Ion Ratio Lower Upper

43 100

58 52.7 27.9 83.6



Abundance Ion 43.00 (42.70 to 43.70): VX017009.D (-1364) (-)

Ion 58.00 (57.70 to 58.70): VX017009.D (-1364) (-)

9.47

15000

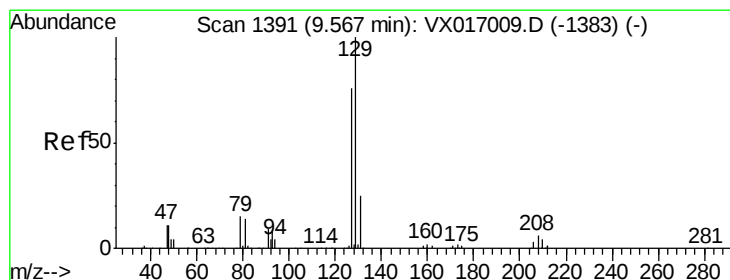
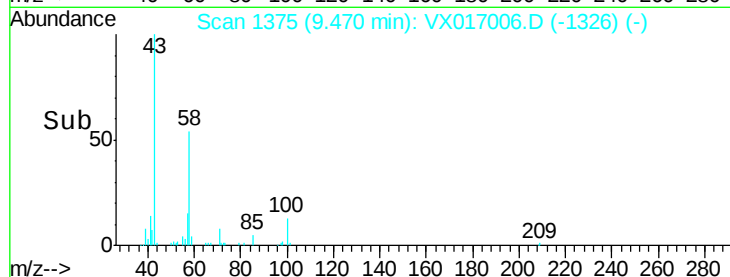
10000

5000

0

9.40 9.45 9.50 9.55

Time-->



#60

Dibromochloromethane

Concen: 1.042 ug/l

RT: 9.57 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX017006.D

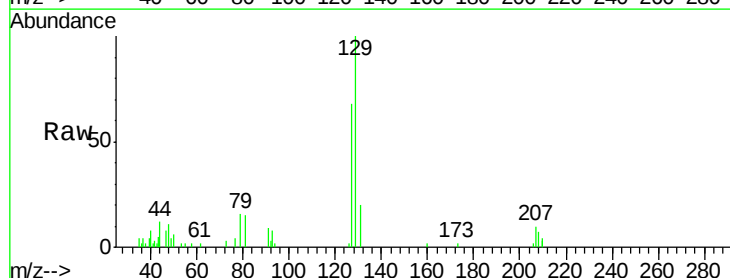
Acq: 29 Jun 2020 14:13

Tgt Ion: 129 Resp: 4958

Ion Ratio Lower Upper

129 100

127 77.1 38.9 116.7



Abundance Ion 128.80 (128.50 to 129.50): VX017009.D (-1383) (-)

Ion 126.80 (126.50 to 127.50): VX017009.D (-1383) (-)

9.57

4000

3000

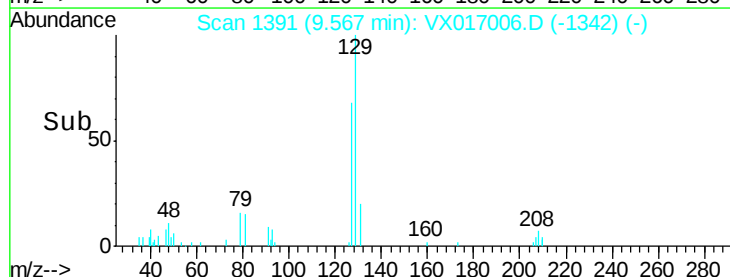
2000

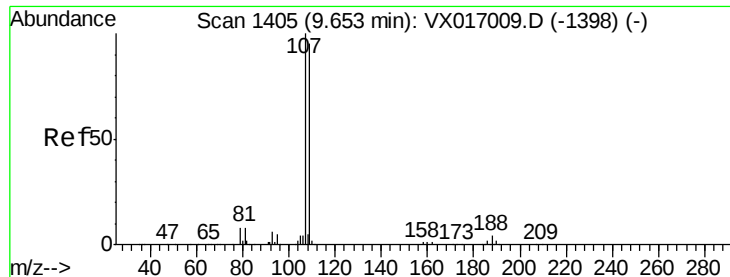
1000

0

9.50 9.55 9.60

Time-->





#61

1,2-Dibromoethane

Concen: 1.064 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

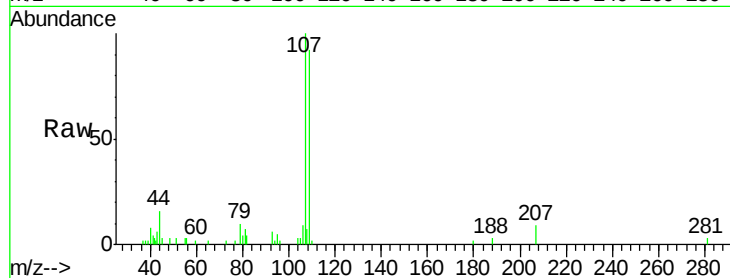
VSTDIC001

Tgt Ion: 107 Resp: 4685

Ion Ratio Lower Upper

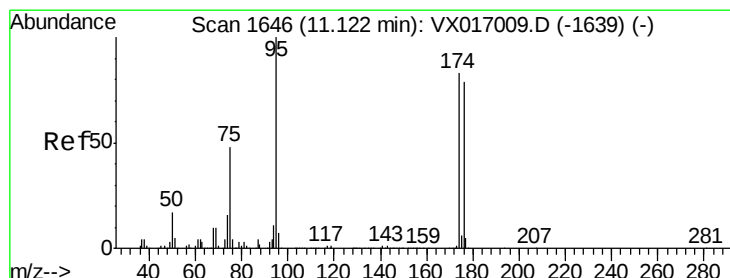
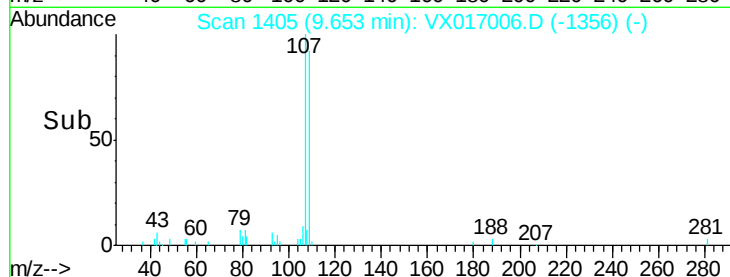
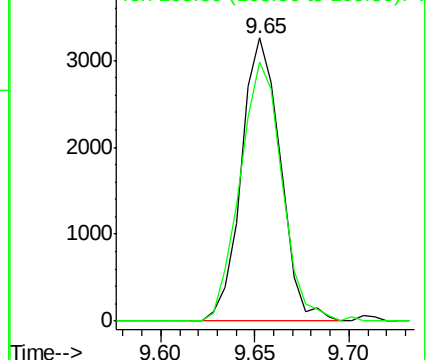
107 100

109 98.5 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.125 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

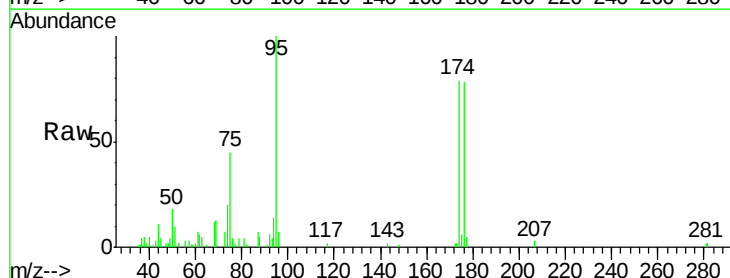
Tgt Ion: 95 Resp: 5952

Ion Ratio Lower Upper

95 100

174 79.9 0.0 164.0

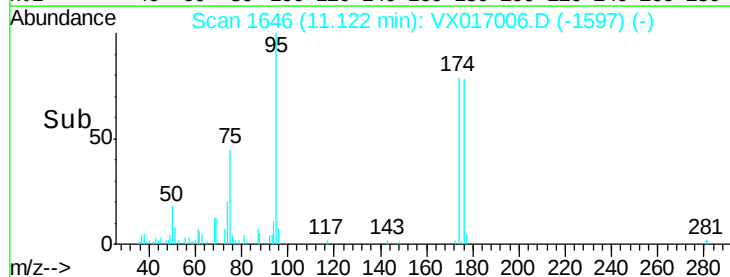
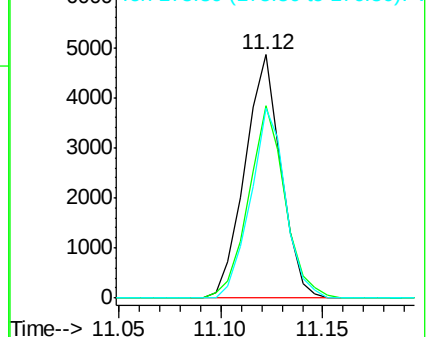
176 75.9 0.0 157.6

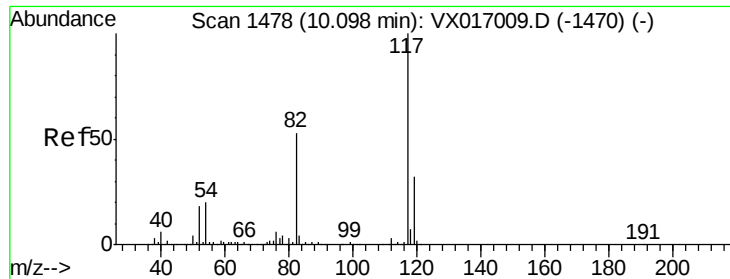


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

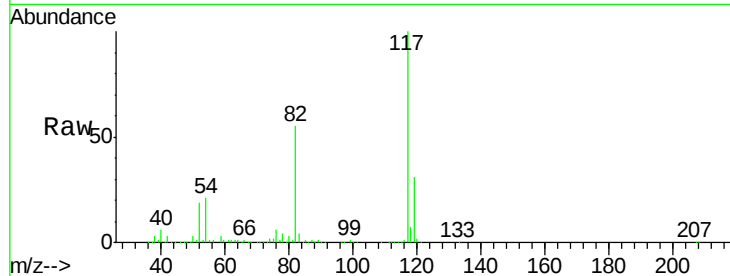




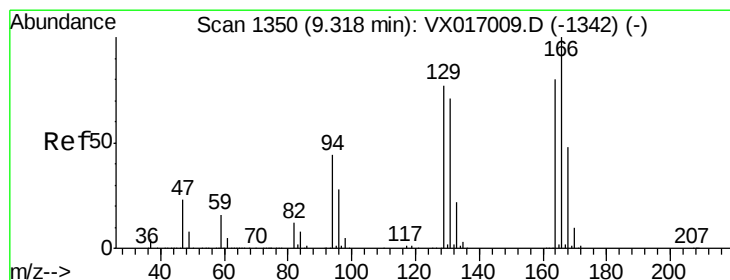
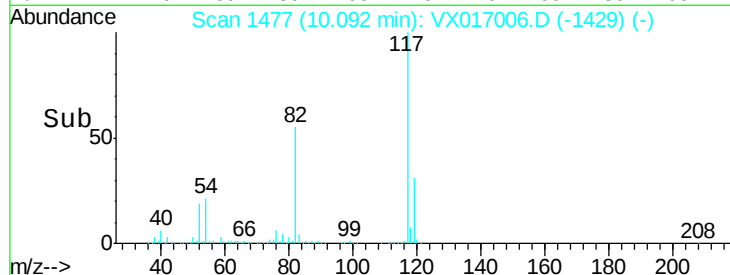
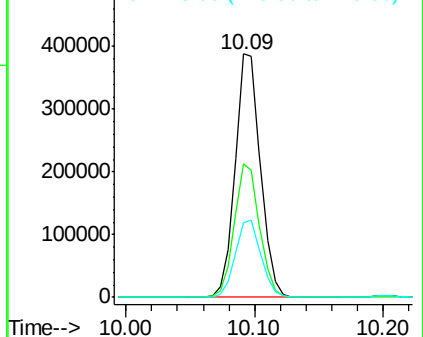
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.01 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

Tgt Ion:117 Resp: 530301
Ion Ratio Lower Upper
117 100
82 54.9 42.6 63.8
119 30.8 25.4 38.2

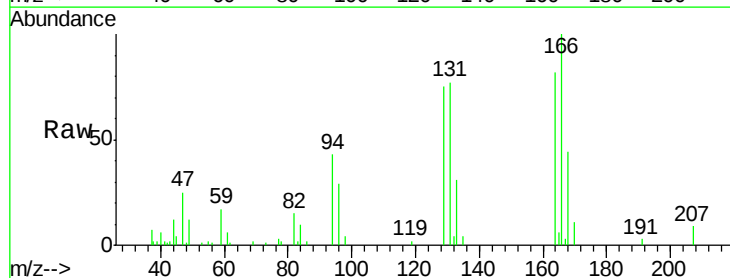


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

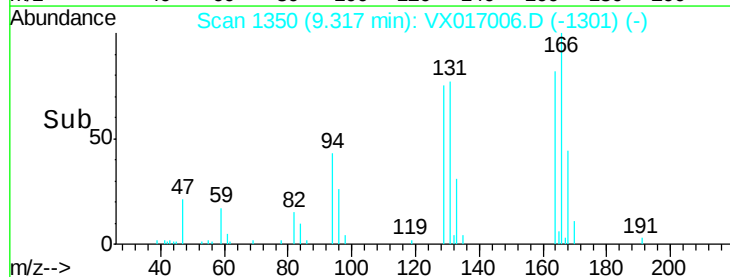
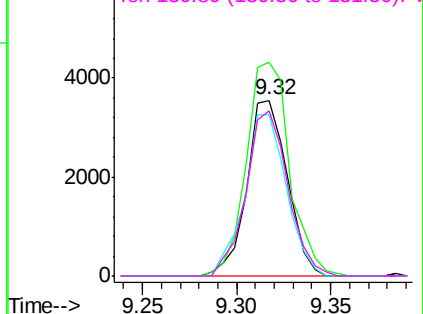


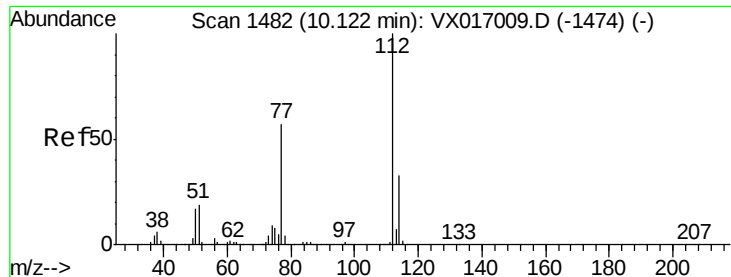
#64
Tetrachloroethene
Concen: 1.231 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion:164 Resp: 5270
Ion Ratio Lower Upper
164 100
166 121.5 99.4 149.0
129 91.4 76.3 114.5
131 94.0 70.6 105.8



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: 1.184 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

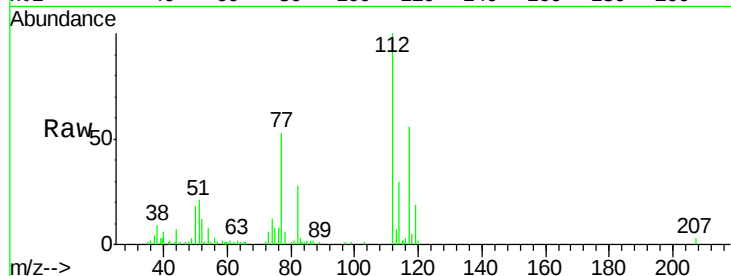
VSTDIC001

Tgt Ion:112 Resp: 12955

Ion Ratio Lower Upper

112 100

114 30.4 26.2 39.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

8000

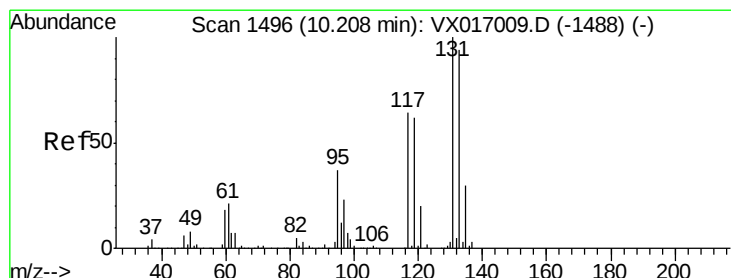
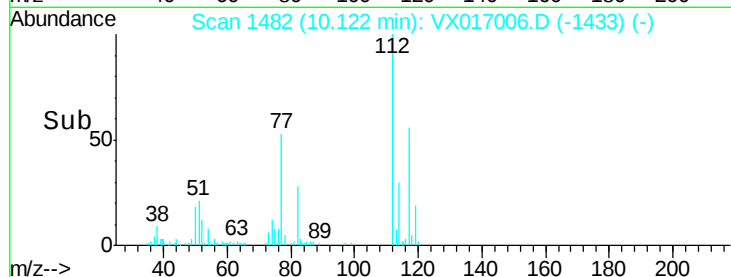
6000

4000

2000

0

Time--> 10.05 10.10 10.15



#66

1,1,1,2-Tetrachloroethane

Concen: 1.159 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

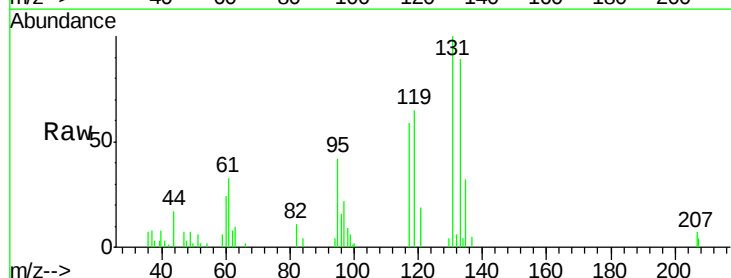
Tgt Ion:131 Resp: 4889

Ion Ratio Lower Upper

131 100

133 98.4 47.3 141.9

119 0.0 31.9 95.5#



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

10.20

4000

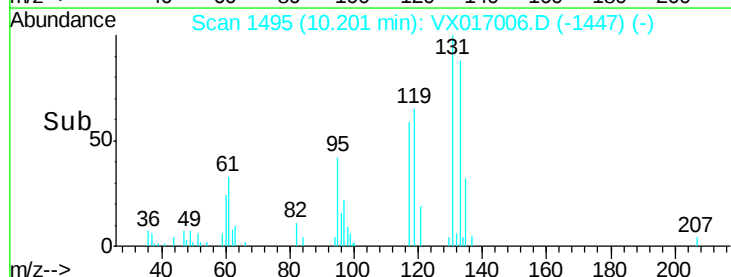
3000

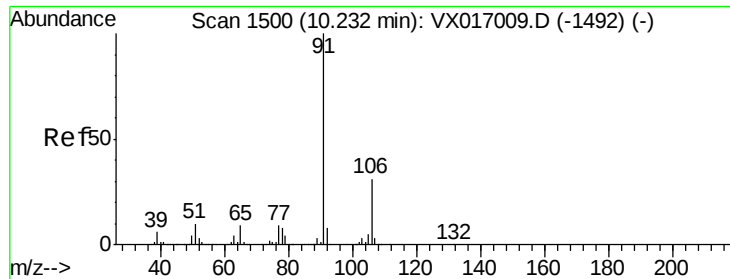
2000

1000

0

Time--> 10.15 10.20 10.25





#67

Ethyl Benzene

Concen: 1.062 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

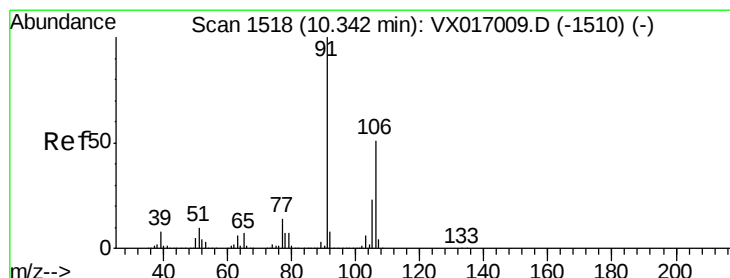
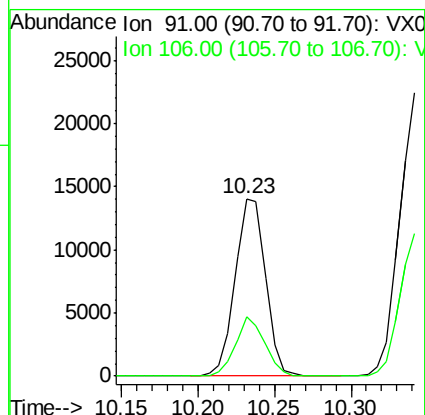
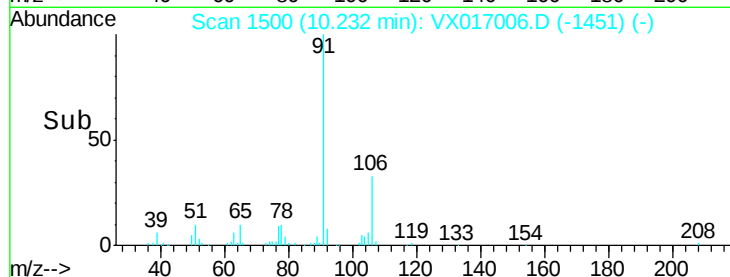
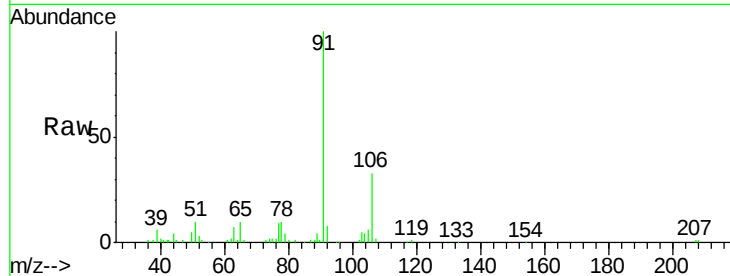
VSTDIC001

Tgt Ion: 91 Resp: 19420

Ion Ratio Lower Upper

91 100

106 33.5 24.7 37.1



#68

m/p-Xylenes

Concen: 2.115 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017006.D

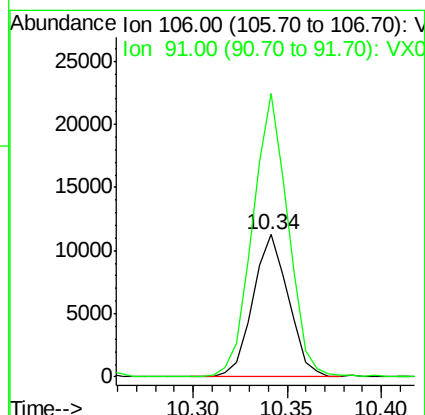
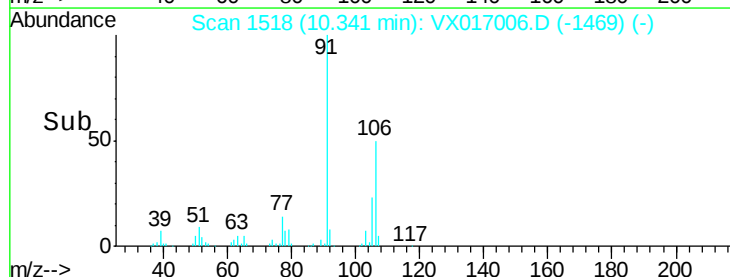
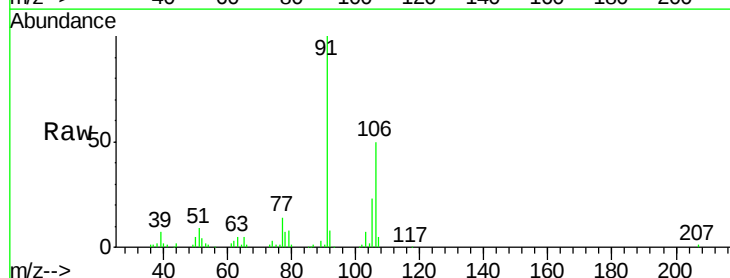
Acq: 29 Jun 2020 14:13

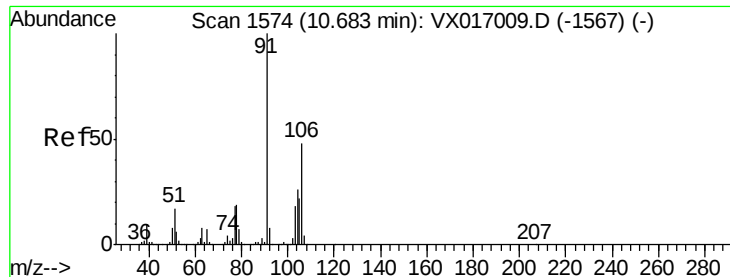
Tgt Ion: 106 Resp: 14842

Ion Ratio Lower Upper

106 100

91 197.6 158.6 238.0

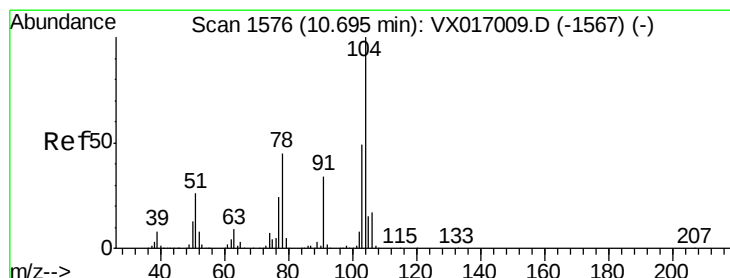
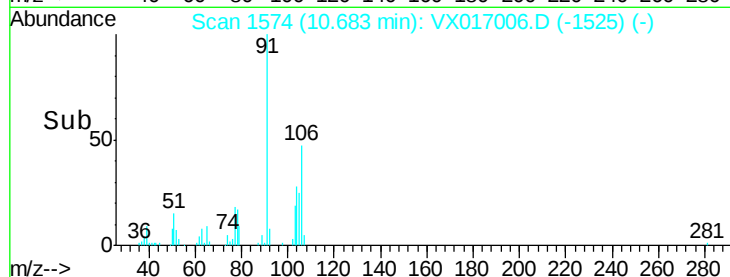
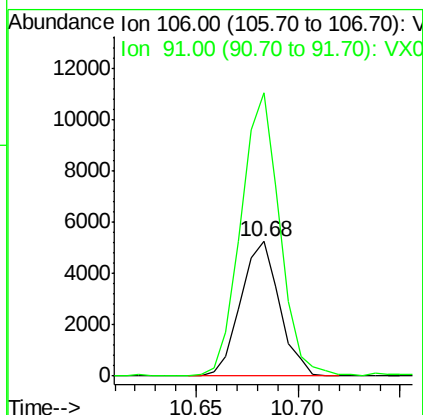
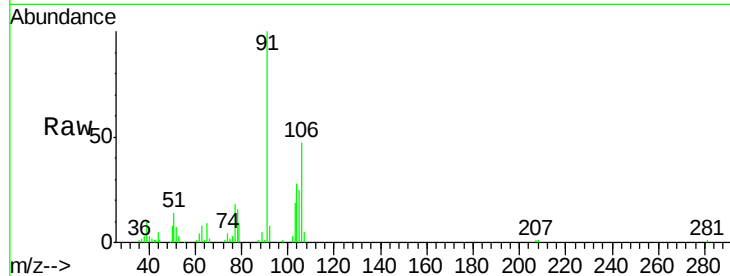




#69
o-Xylene
Concen: 1.035 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

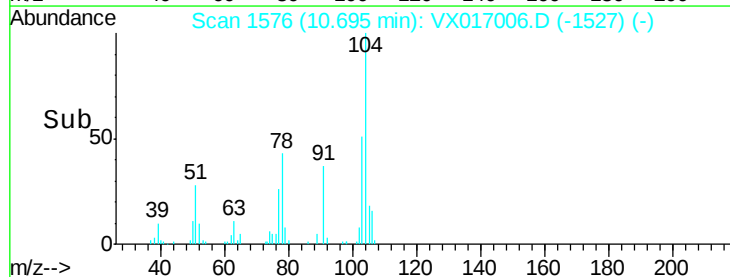
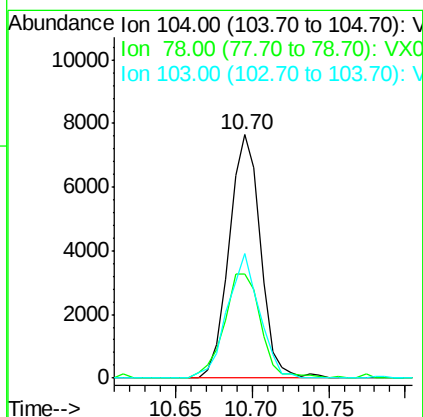
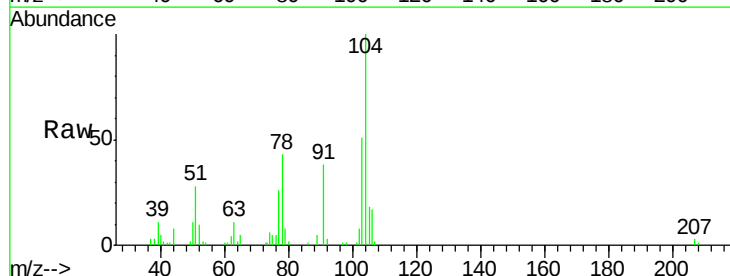
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

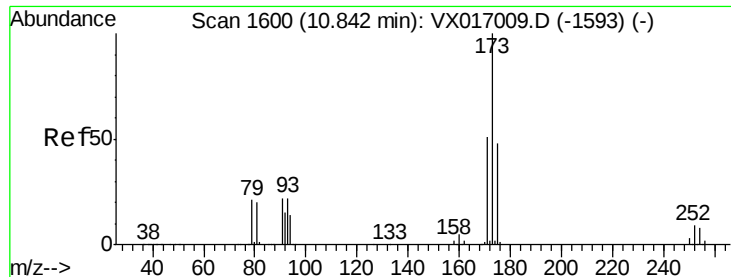
Tgt Ion:106 Resp: 6909
Ion Ratio Lower Upper
106 100
91 211.0 105.6 316.7



#70
Styrene
Concen: 0.953 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion:104 Resp: 10834
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 52.7 43.0 64.6





#71

Bromoform

Concen: 0.955 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

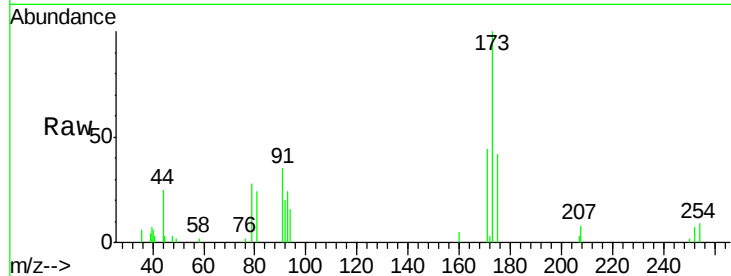
Tgt Ion:173 Resp: 3194

Ion Ratio Lower Upper

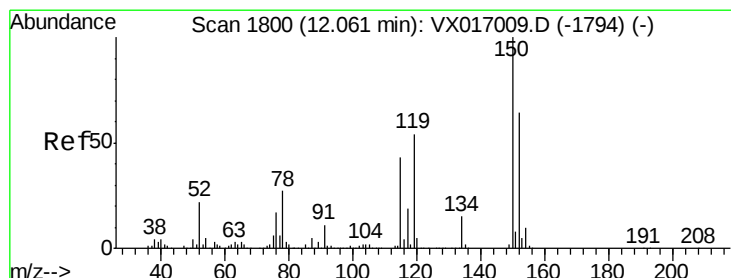
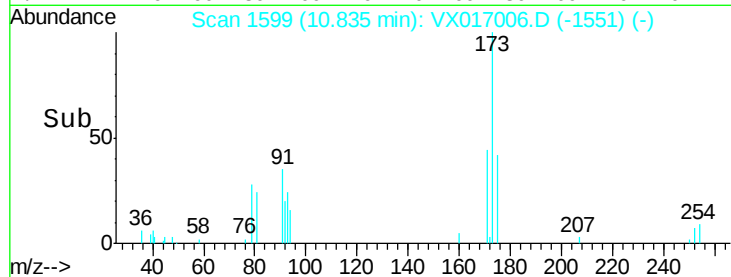
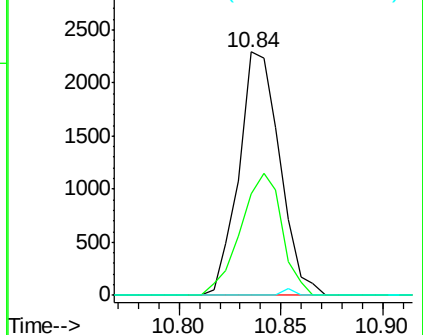
173 100

175 51.1 24.5 73.5

254 0.7 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: VX017006.D

Acq: 29 Jun 2020 14:13

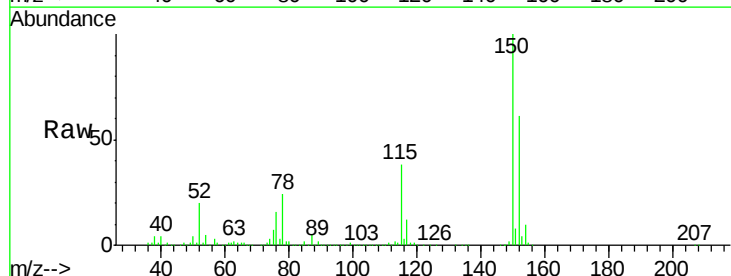
Tgt Ion:152 Resp: 264891

Ion Ratio Lower Upper

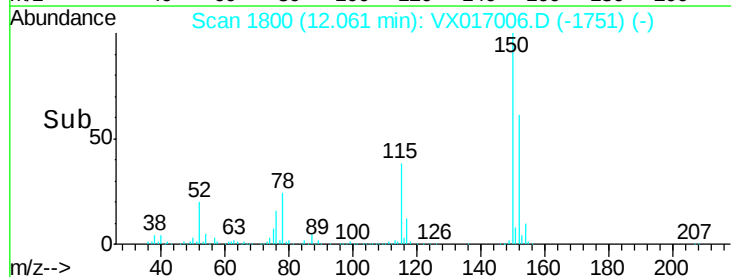
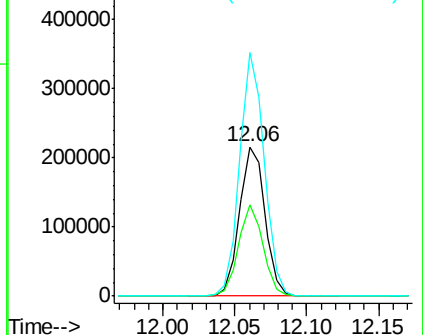
152 100

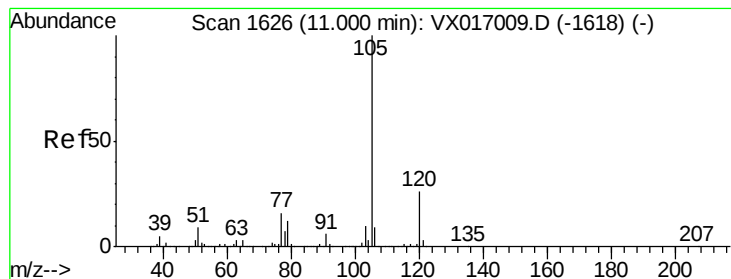
115 59.0 40.9 122.7

150 157.5 0.0 351.6



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: 0.981 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

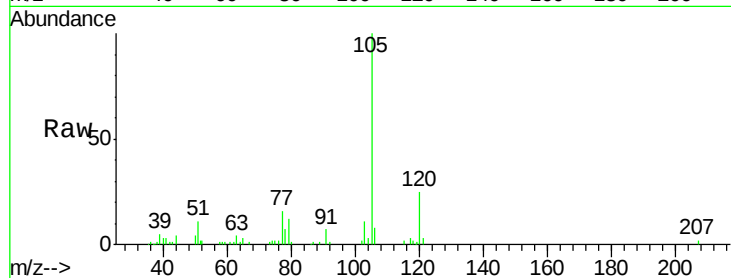
VSTDIC001

Tgt Ion: 105 Resp: 17016

Ion Ratio Lower Upper

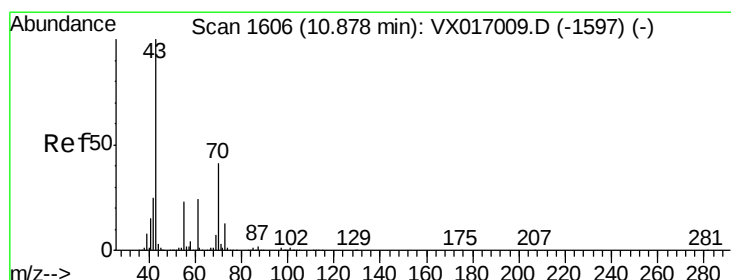
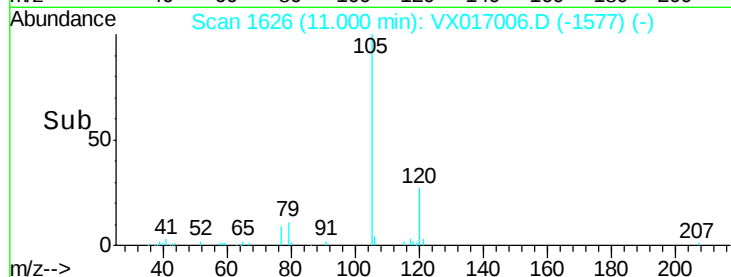
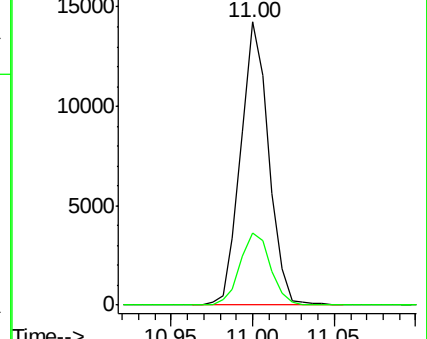
105 100

120 27.6 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.953 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Tgt Ion: 43 Resp: 7057

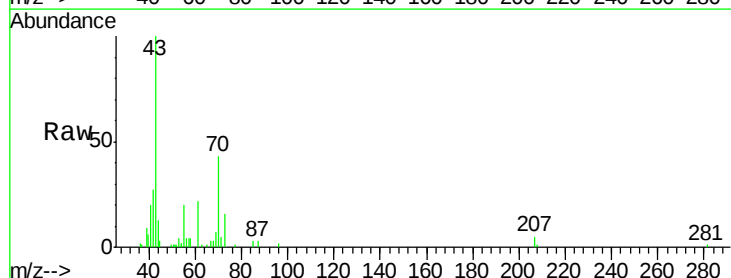
Ion Ratio Lower Upper

43 100

70 43.1 34.2 51.2

55 23.9 19.2 28.8

61 22.0 19.6 29.4

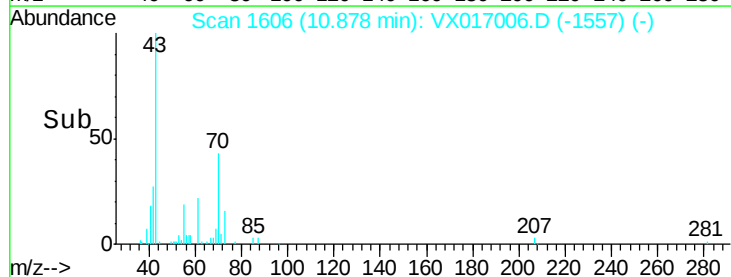
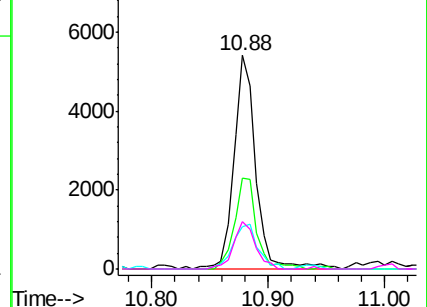


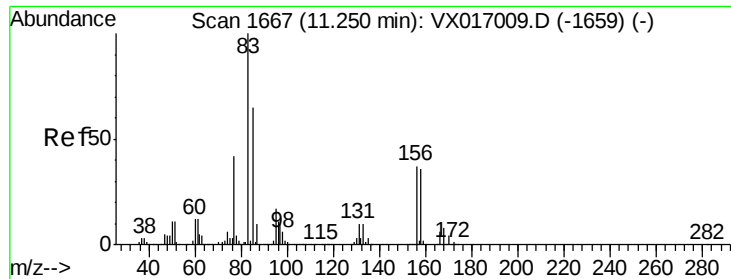
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

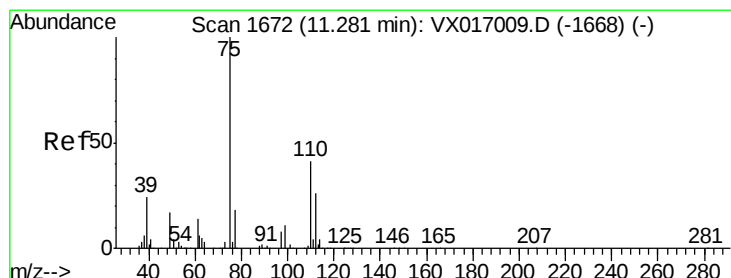
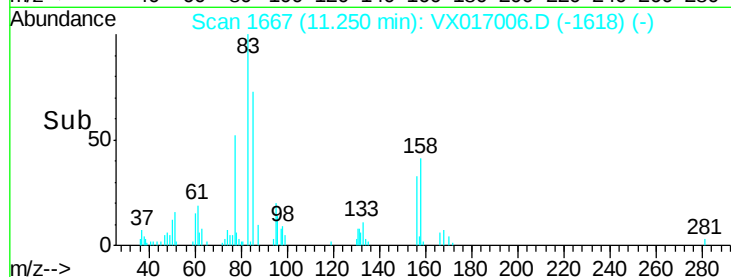
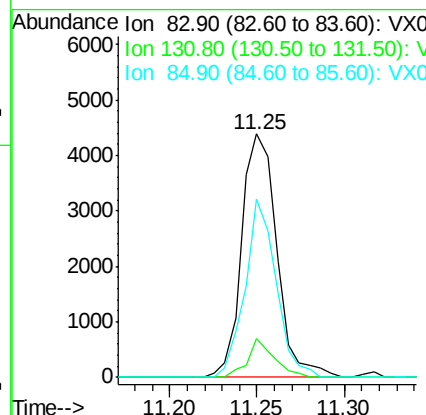
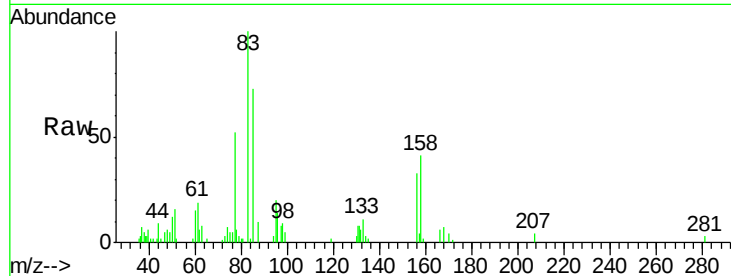




#75
 1,1,2,2-Tetrachloroethane
 Concen: 1.127 ug/l
 RT: 11.25 min Scan# 1667
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

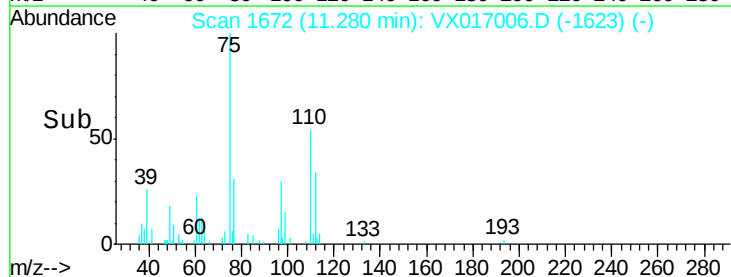
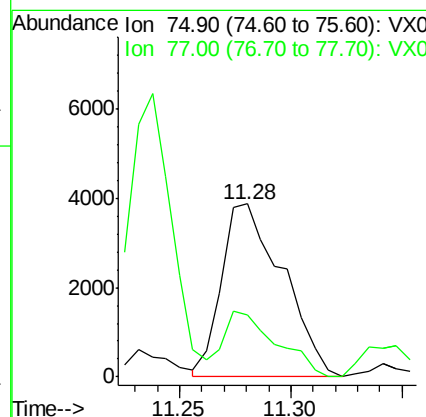
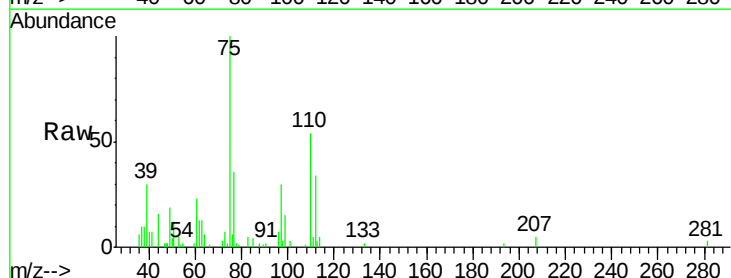
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

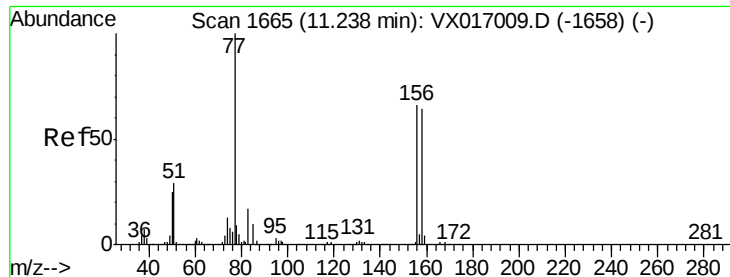
Tgt Ion: 83 Resp: 6149
 Ion Ratio Lower Upper
 83 100
 131 12.0 5.4 16.2
 85 64.8 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 1.133 ug/l
 RT: 11.28 min Scan# 1672
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Tgt Ion: 75 Resp: 7391
 Ion Ratio Lower Upper
 75 100
 77 32.9 20.2 60.6





#77

Bromobenzene

Concen: 1.155 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

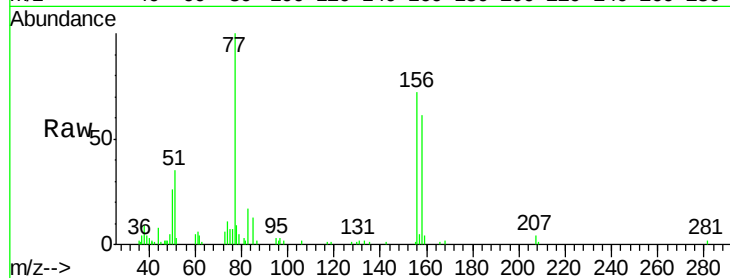
Tgt Ion:156 Resp: 5506

Ion Ratio Lower Upper

156 100

77 154.9 76.9 230.7

158 95.3 47.9 143.6



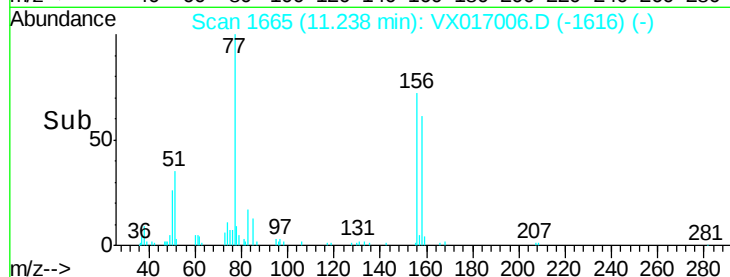
Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

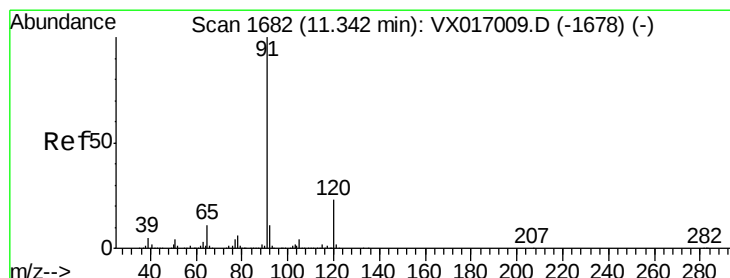
11.24

Time-->



11.24

Time-->



#78

n-propylbenzene

Concen: 0.971 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017006.D

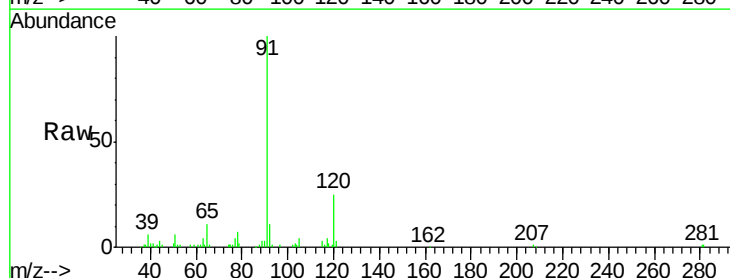
Acq: 29 Jun 2020 14:13

Tgt Ion: 91 Resp: 19048

Ion Ratio Lower Upper

91 100

120 25.9 11.9 35.9

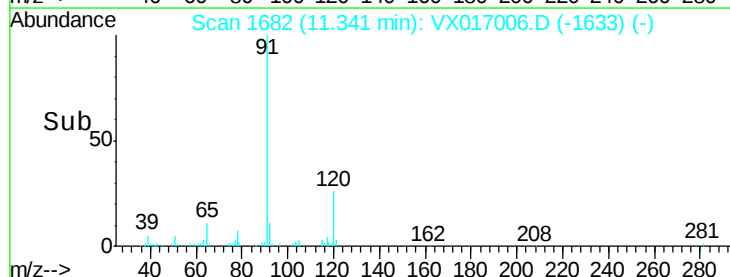


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

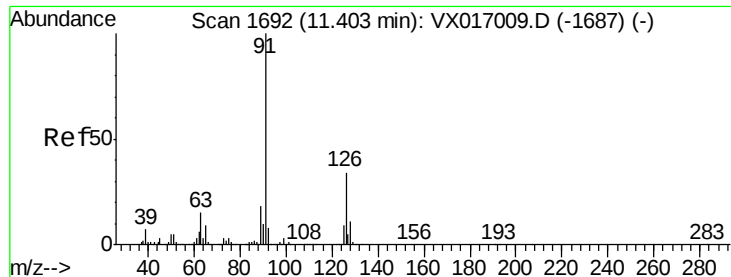
11.34

Time-->



11.34

Time-->



#79

2-Chlorotoluene

Concen: 1.028 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampled :

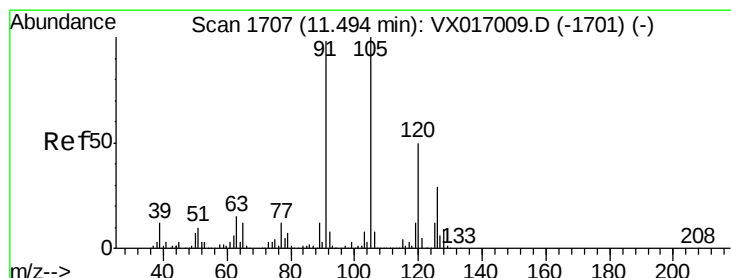
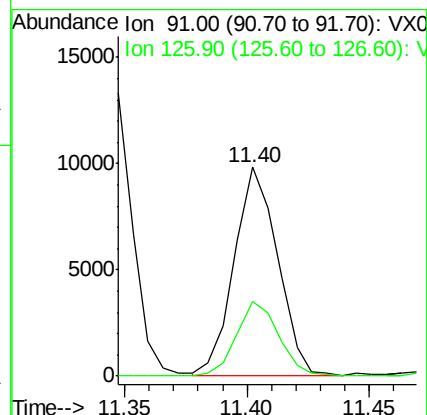
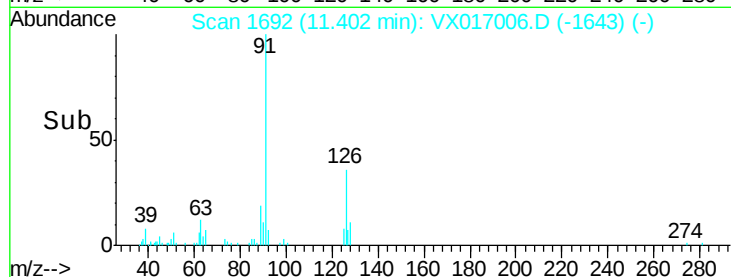
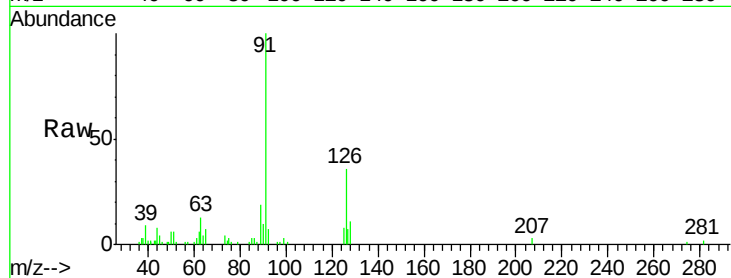
VSTDIC001

Tgt Ion: 91 Resp: 12211

Ion Ratio Lower Upper

91 100

126 34.6 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 0.959 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017006.D

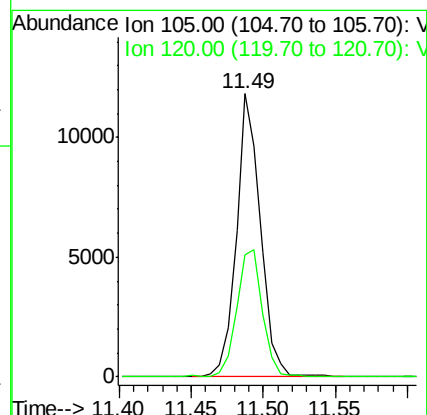
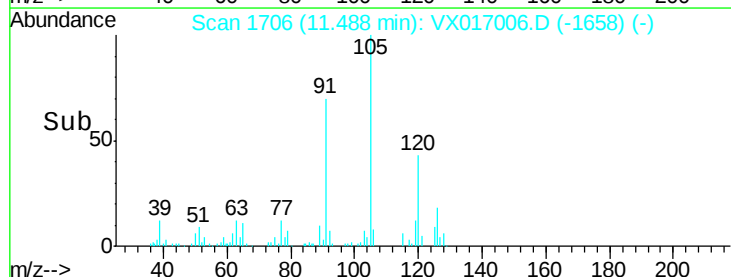
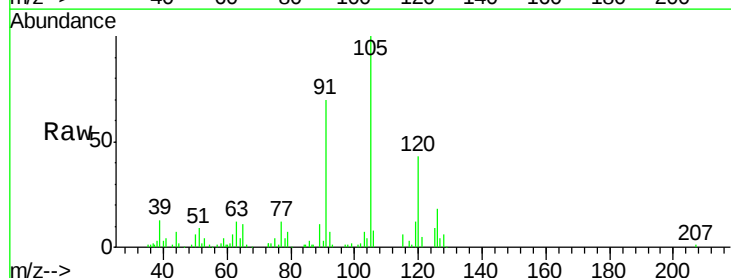
Acq: 29 Jun 2020 14:13

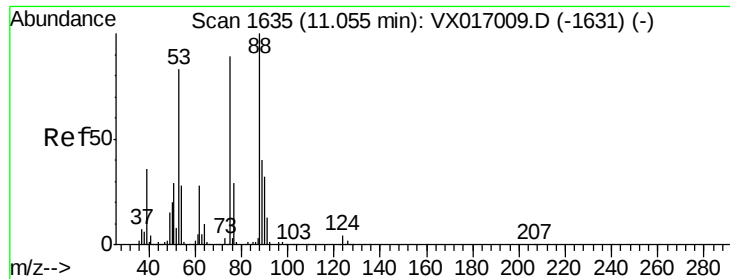
Tgt Ion: 105 Resp: 13796

Ion Ratio Lower Upper

105 100

120 48.0 24.9 74.6





#81

trans-1,4-Dichloro-2-butene

Concen: 1.072 ug/l

RT: 11.06 min Scan# 1636

Delta R.T. 0.01 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

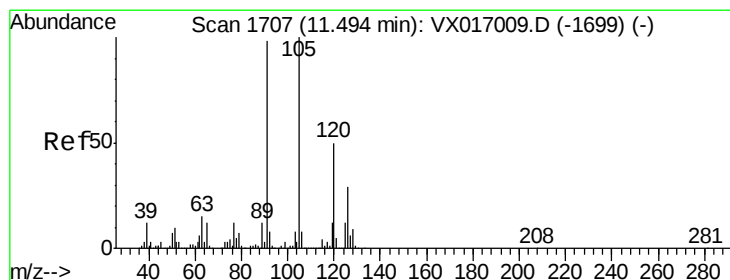
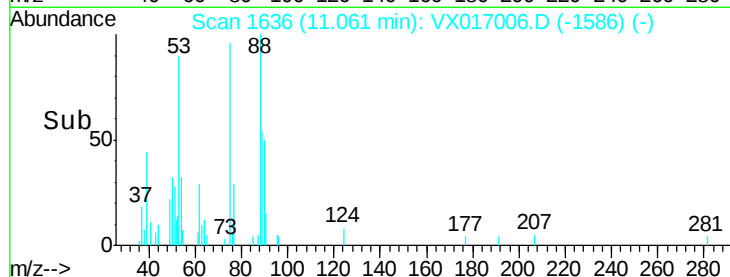
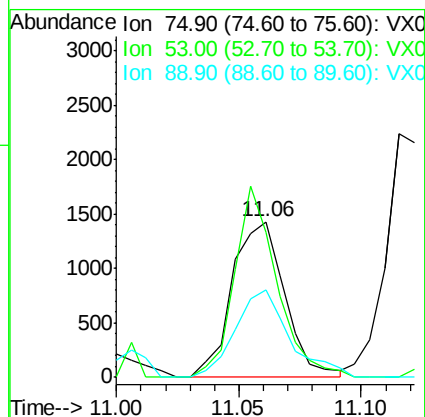
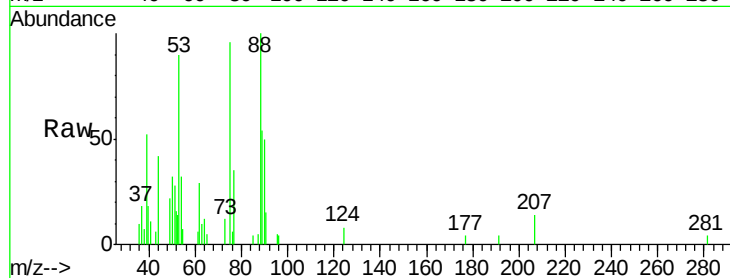
Tgt Ion: 75 Resp: 2156

Ion Ratio Lower Upper

75 100

53 98.6 72.4 108.6

89 57.4 37.0 55.4#



#82

4-Chlorotoluene

Concen: 1.044 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017006.D

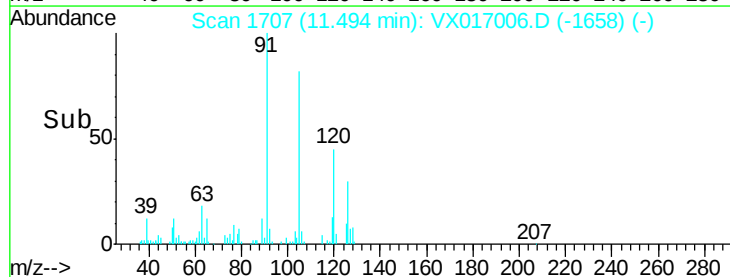
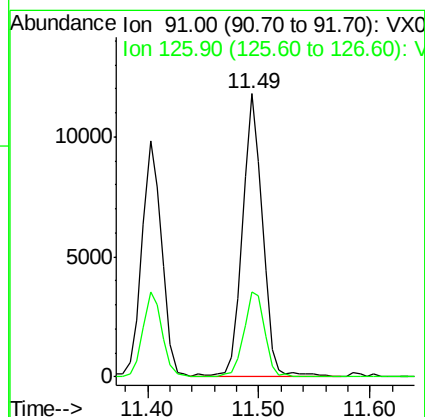
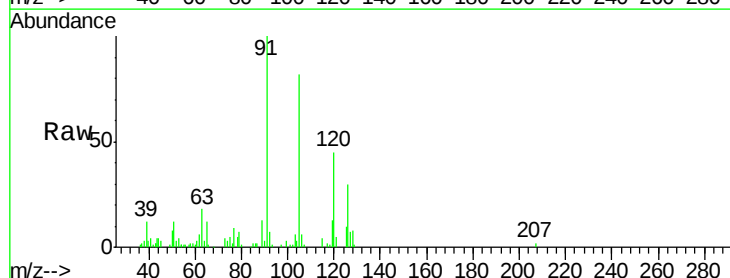
Acq: 29 Jun 2020 14:13

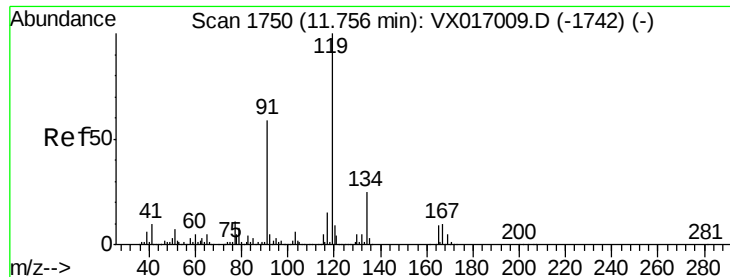
Tgt Ion: 91 Resp: 14823

Ion Ratio Lower Upper

91 100

126 30.7 15.2 45.5

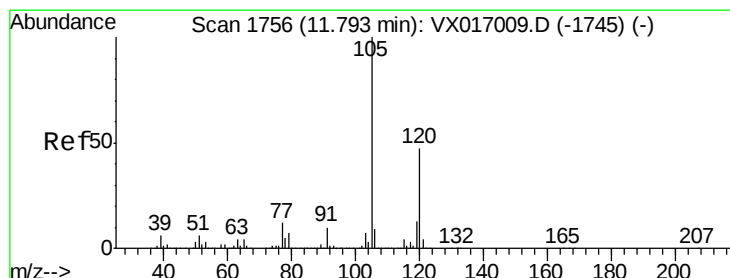
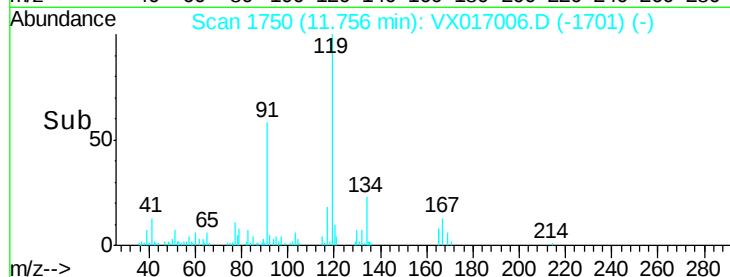
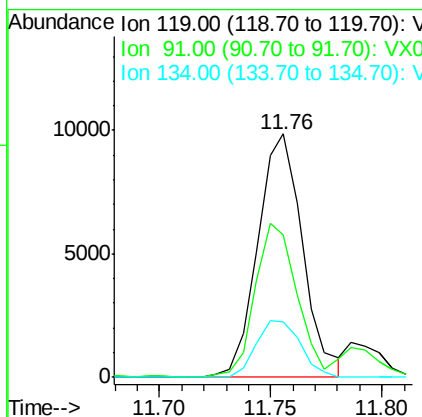
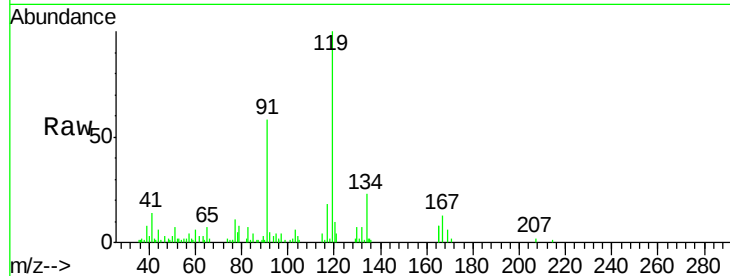




#83
 tert-Butylbenzene
 Concen: 0.977 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

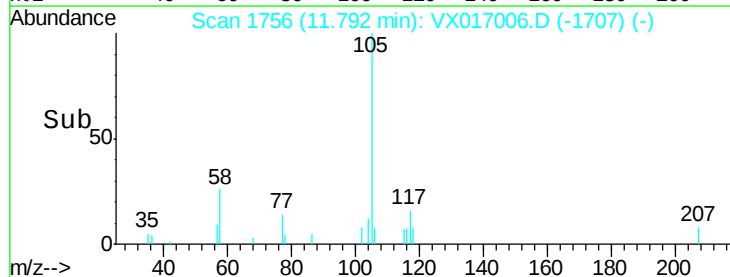
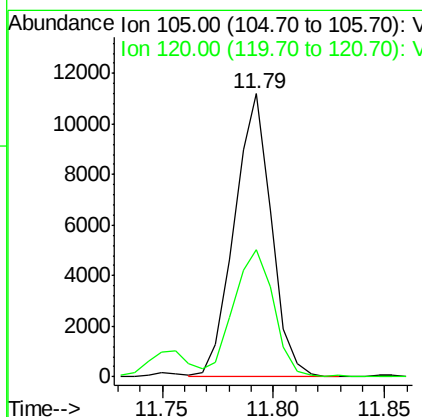
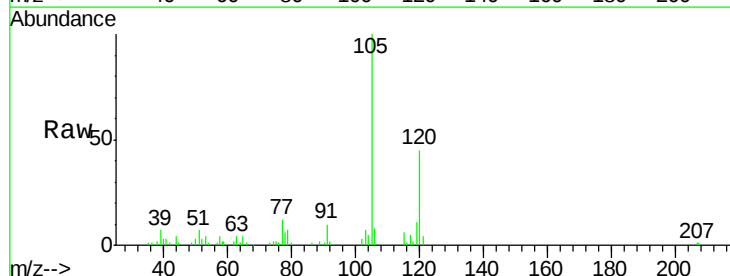
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

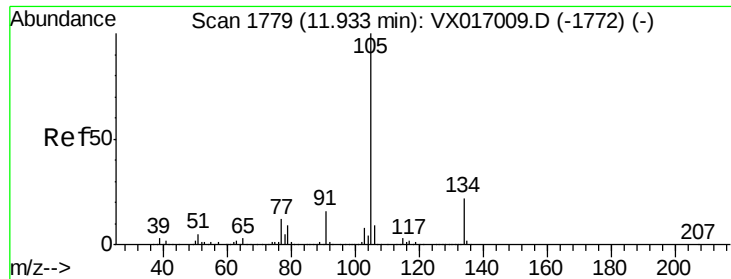
Tgt Ion:119 Resp: 13801
 Ion Ratio Lower Upper
 119 100
 91 59.0 28.3 84.9
 134 22.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 0.886 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Tgt Ion:105 Resp: 12930
 Ion Ratio Lower Upper
 105 100
 120 49.0 22.9 68.5

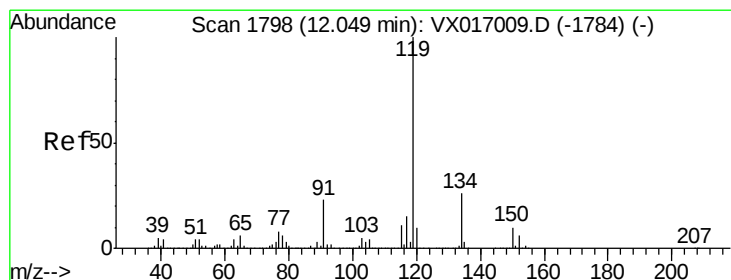
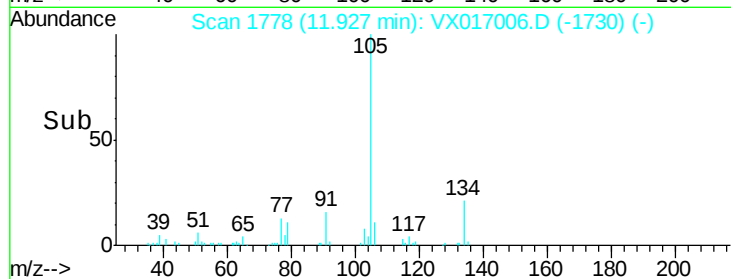
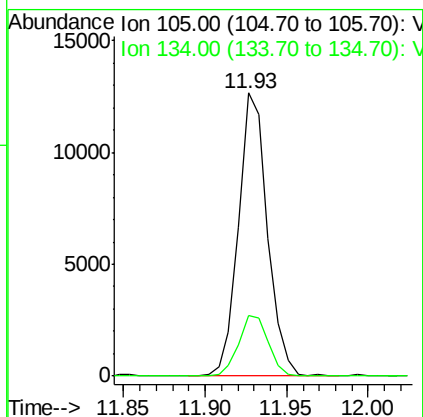
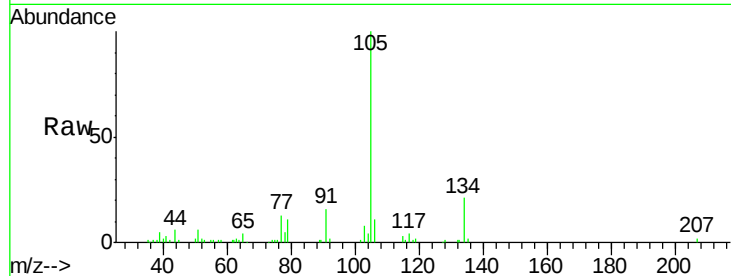




#85
 sec-Butylbenzene
 Concen: 0.944 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

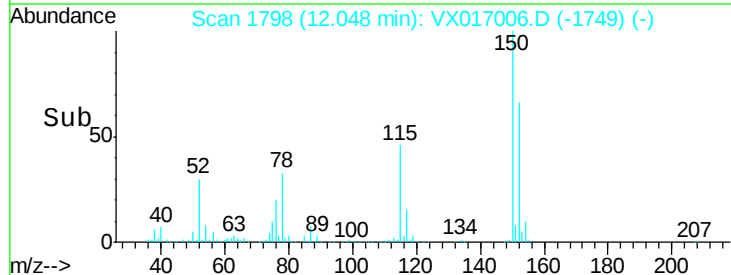
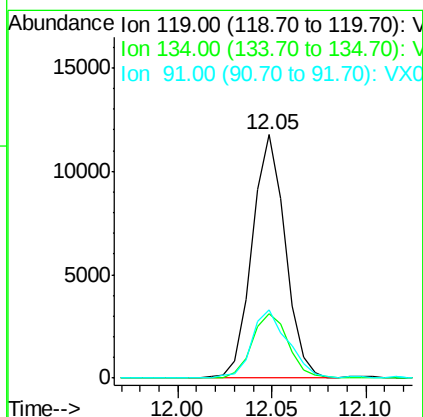
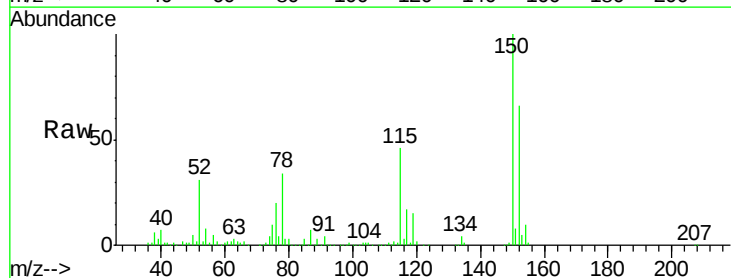
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

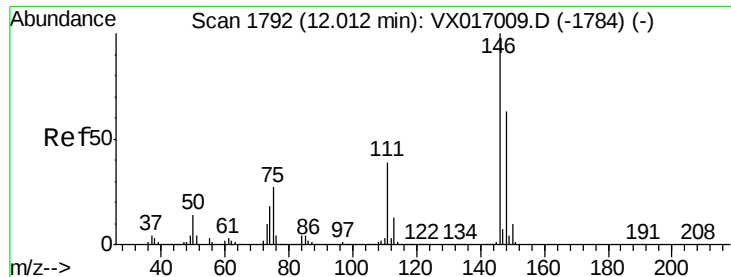
Tgt Ion:105 Resp: 15672
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 0.927 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Tgt Ion:119 Resp: 14325
 Ion Ratio Lower Upper
 119 100
 134 28.8 13.2 39.5
 91 31.0 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 1.211 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

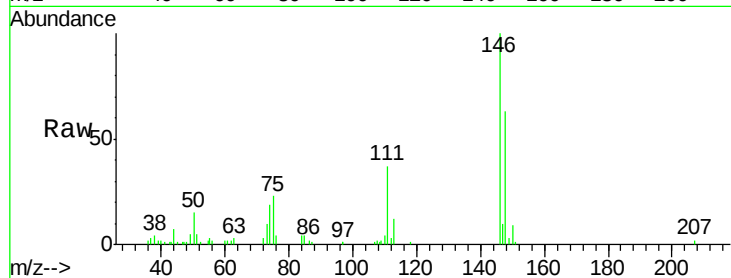
Tgt Ion:146 Resp: 10492

Ion Ratio Lower Upper

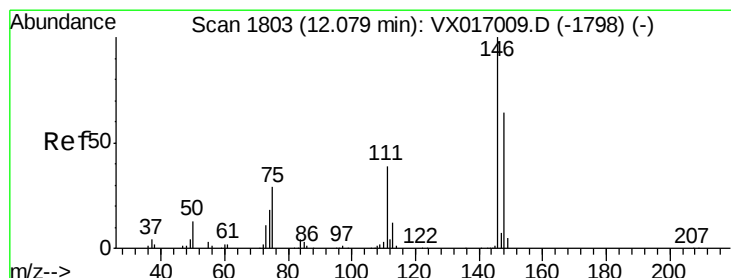
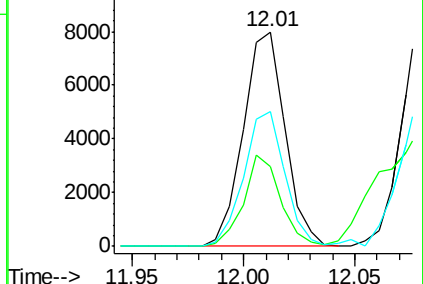
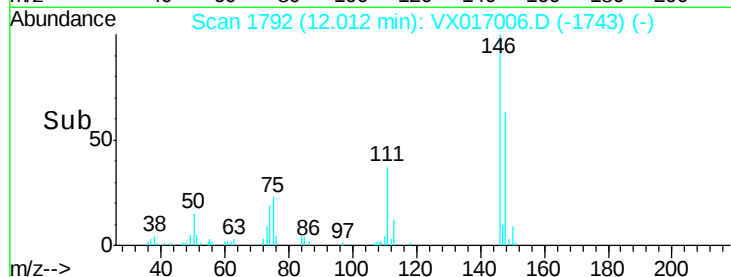
146 100

111 37.6 20.4 61.2

148 61.9 32.5 97.5



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 1.205 ug/l

RT: 12.01 min Scan# 1792

Delta R.T. -0.07 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

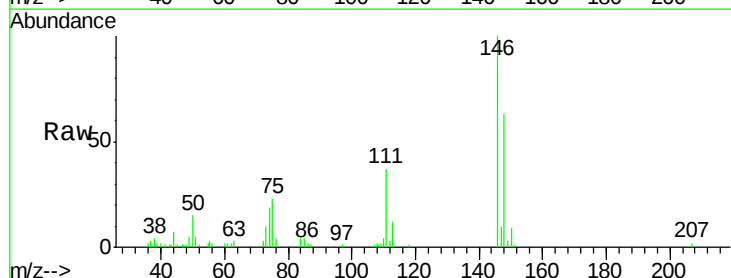
Tgt Ion:146 Resp: 10492

Ion Ratio Lower Upper

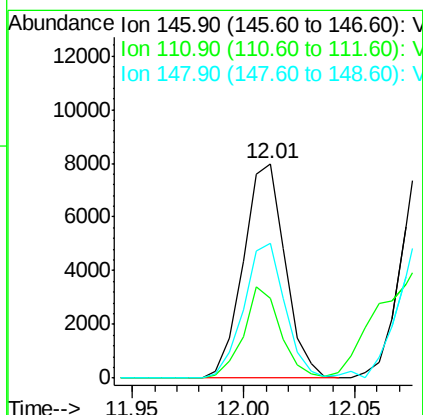
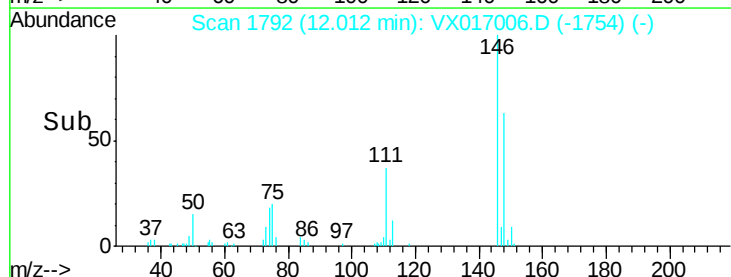
146 100

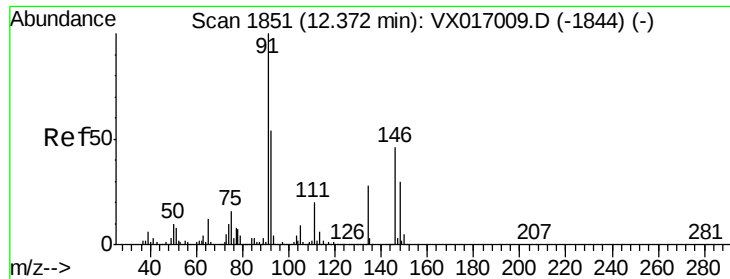
111 37.6 19.5 58.5

148 61.9 31.9 95.7



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

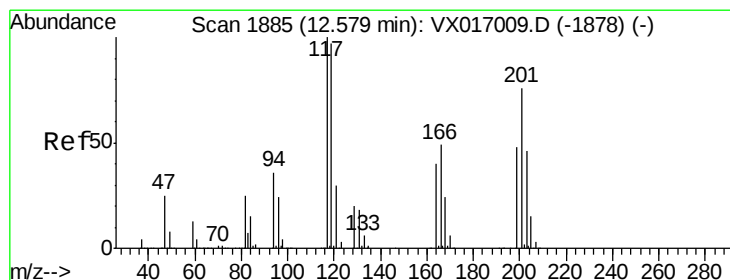
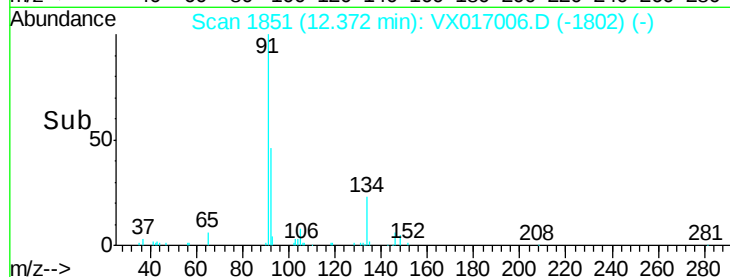
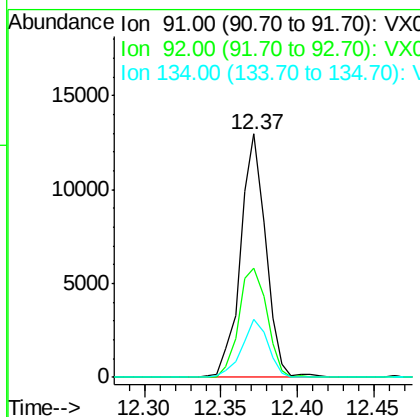
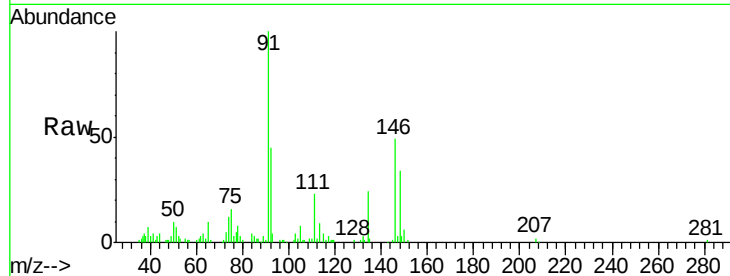




#89
n-Butylbenzene
Concen: 1.075 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

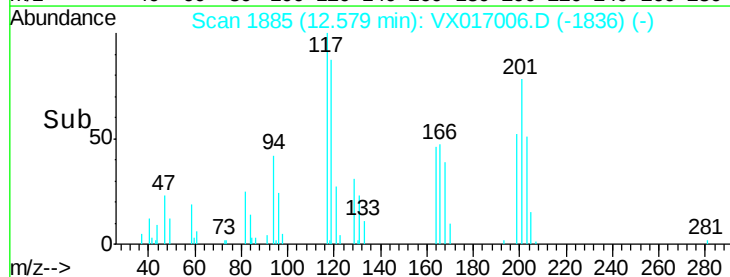
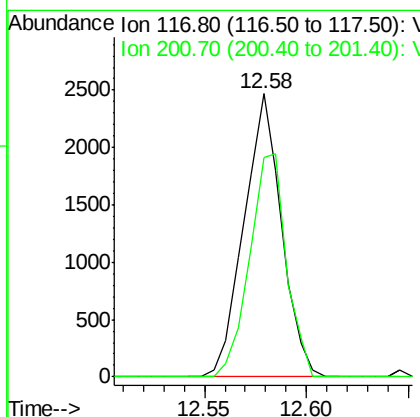
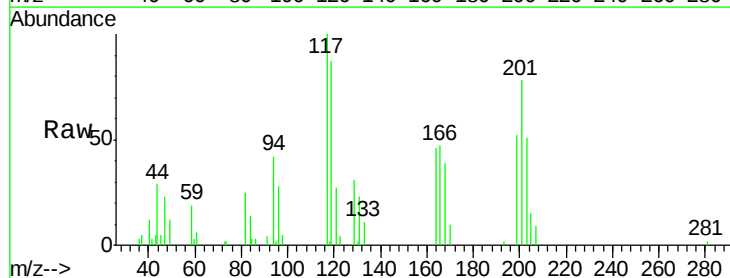
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

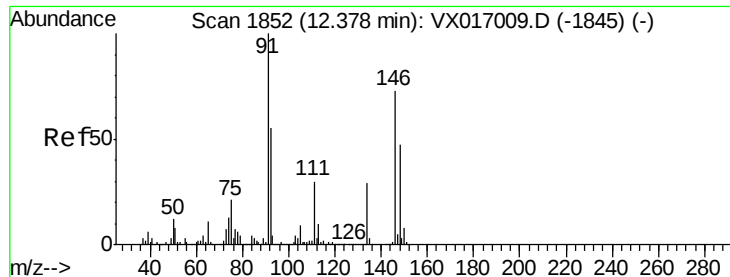
Tgt Ion: 91 Resp: 14834
Ion Ratio Lower Upper
91 100
92 50.0 27.2 81.6
134 24.7 13.6 40.7



#90
Hexachloroethane
Concen: 1.035 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion: 117 Resp: 3156
Ion Ratio Lower Upper
117 100
201 77.3 39.4 118.2





#91

1,2-Dichlorobenzene

Concen: 1.172 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

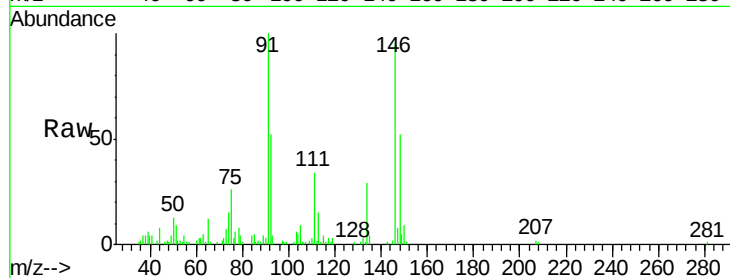
Tgt Ion:146 Resp: 9485

Ion Ratio Lower Upper

146 100

111 40.5 20.6 61.9

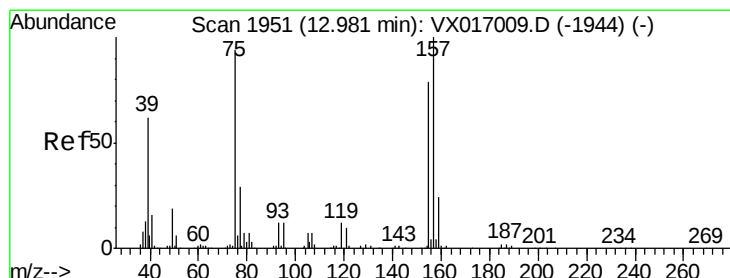
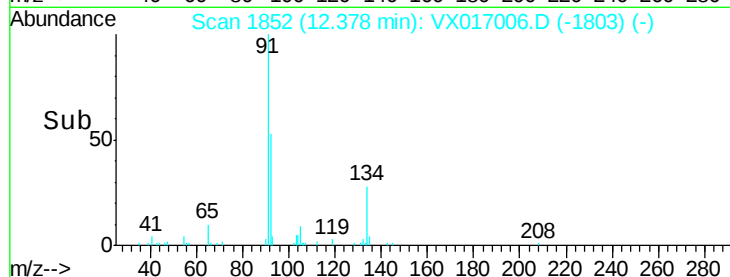
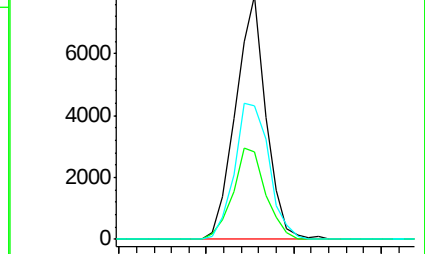
148 63.8 32.4 97.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.243 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. -0.00 min

Lab File: VX017006.D

Acq: 29 Jun 2020 14:13

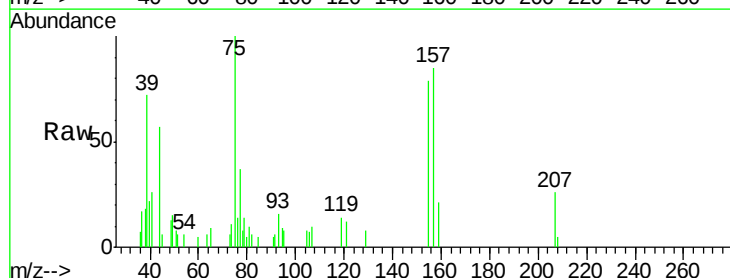
Tgt Ion: 75 Resp: 1618

Ion Ratio Lower Upper

75 100

155 74.2 45.1 135.2

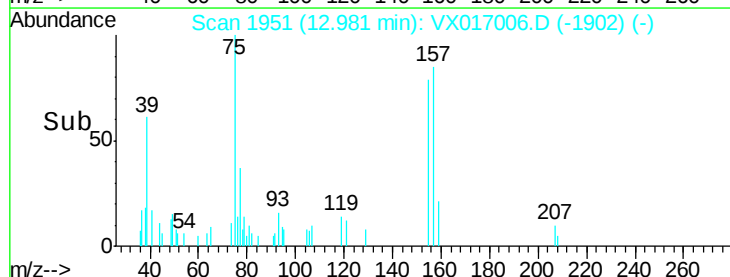
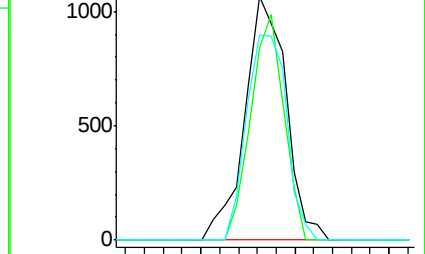
157 82.0 56.5 169.3

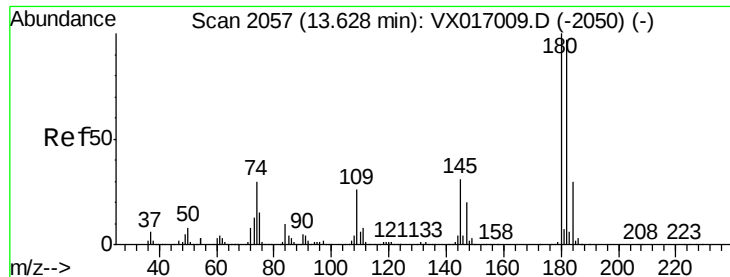


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

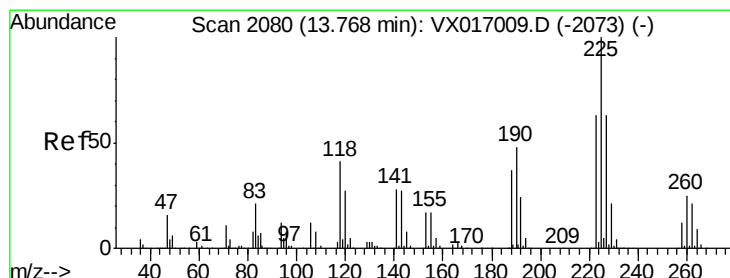
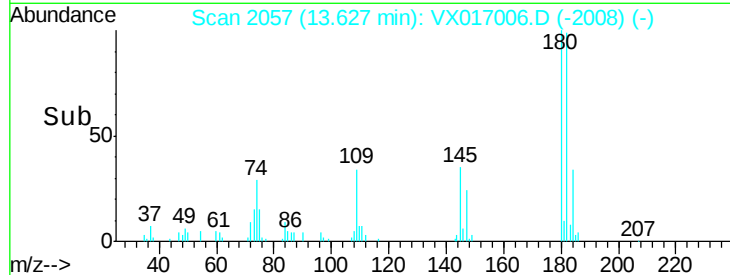
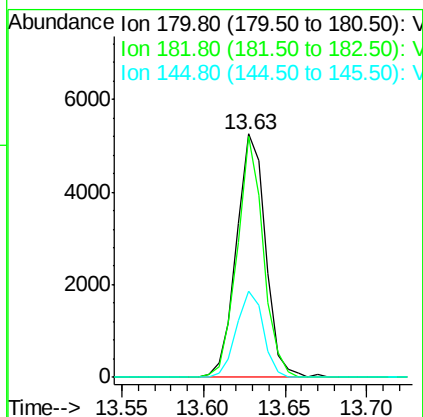
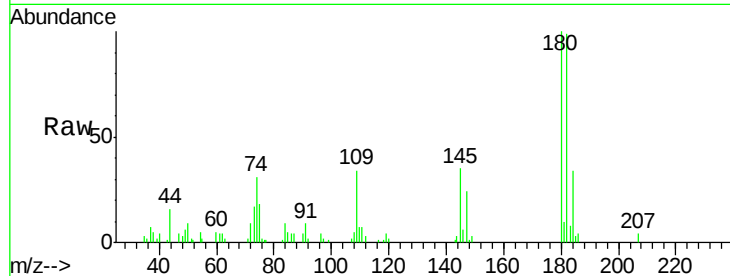




#93
 1,2,4-Trichlorobenzene
 Concen: 1.178 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

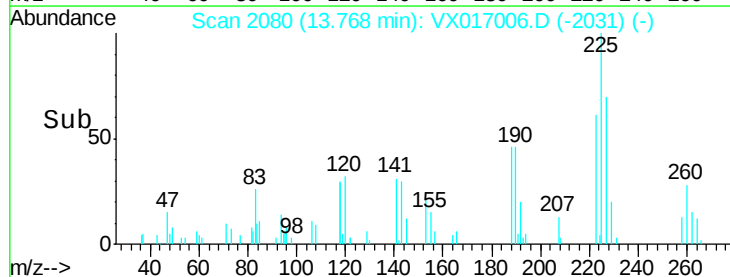
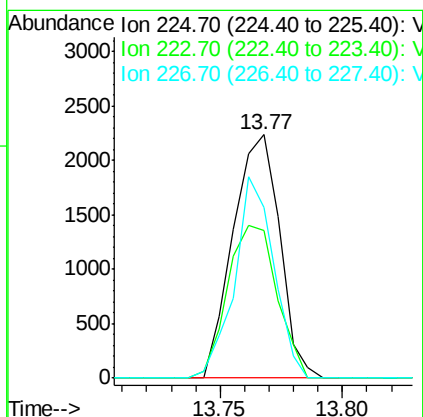
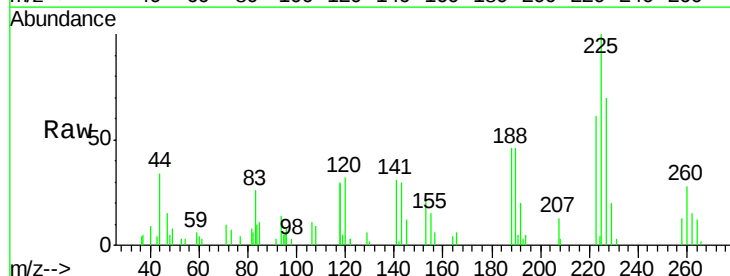
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

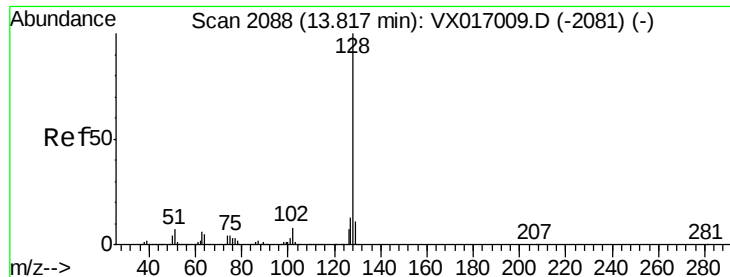
Tgt Ion:180 Resp: 6510
 Ion Ratio Lower Upper
 180 100
 182 88.6 47.3 141.9
 145 32.6 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 1.331 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX017006.D
 Acq: 29 Jun 2020 14:13

Tgt Ion:225 Resp: 2975
 Ion Ratio Lower Upper
 225 100
 223 66.7 32.5 97.5
 227 69.1 33.1 99.2

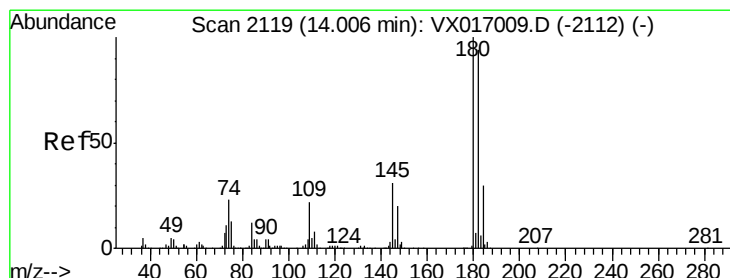
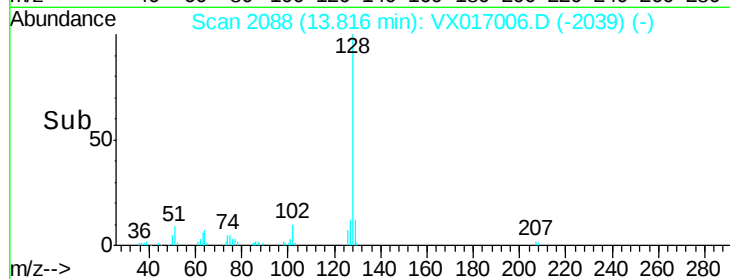
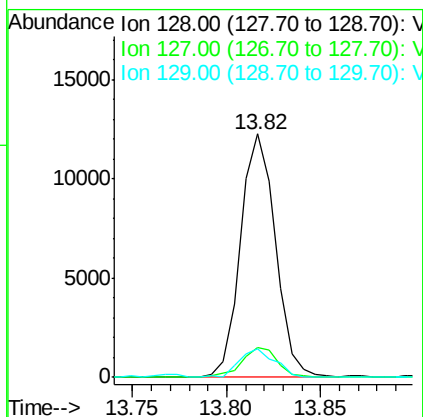
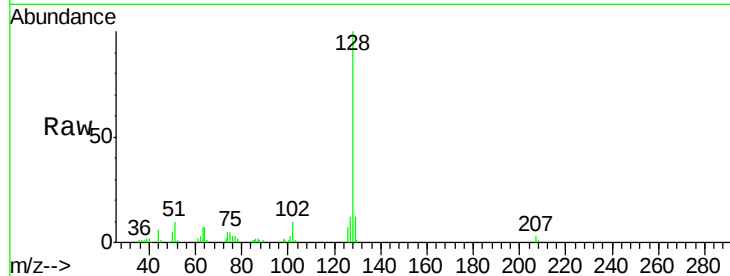




#95
Naphthalene
Concen: 0.937 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 15734
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 11.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.129 ug/l
RT: 14.01 min Scan# 2119
Delta R.T. -0.00 min
Lab File: VX017006.D
Acq: 29 Jun 2020 14:13

Tgt Ion:180 Resp: 6037
Ion Ratio Lower Upper
180 100
182 92.7 47.1 141.4
145 32.2 16.6 49.7

