

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072320\
 Data File : VX017481.D
 Acq On : 23 Jul 2020 09:11
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Jul 23 11:45:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 23 11:43:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	581100	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.83	114	860087	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	759572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	385566	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	15710	2.12	ug/l	0.00
Spiked Amount			Recovery	=	4.24%	
35) Dibromofluoromethane	5.46	113	11712	2.01	ug/l	-0.01
Spiked Amount			Recovery	=	4.02%	
50) Toluene-d8	8.70	98	28538	1.36	ug/l	0.00
Spiked Amount			Recovery	=	2.72%	
62) 4-Bromofluorobenzene	11.12	95	9266	1.13	ug/l	0.00
Spiked Amount			Recovery	=	2.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	7882	1.598	ug/l	99
3) Chloromethane	1.31	50	9726	1.675	ug/l	96
4) Vinyl Chloride	1.39	62	8066	1.420	ug/l #	86
5) Bromomethane	1.63	94	6118	1.670	ug/l	90
6) Chloroethane	1.72	64	5840	1.637	ug/l #	82
7) Trichlorofluoromethane	1.92	101	13708	1.454	ug/l	96
8) Diethyl Ether	2.17	74	5611	1.652	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	7802	1.446	ug/l	97
10) Methyl Iodide	2.50	142	7693	1.153	ug/l #	96
11) Tert butyl alcohol	3.01	59	7133	5.426	ug/l #	78
12) 1,1-Dichloroethene	2.36	96	6423	1.189	ug/l #	77
13) Acrolein	2.27	56	3483	4.445	ug/l #	72
14) Allyl chloride	2.71	41	10953	1.153	ug/l #	72
15) Acrylonitrile	3.11	53	17948	5.825	ug/l #	94
16) Acetone	2.42	43	19421	7.097	ug/l #	89
17) Carbon Disulfide	2.55	76	21469	1.361	ug/l #	77
18) Methyl Acetate	2.75	43	8623	1.277	ug/l #	80
19) Methyl tert-butyl Ether	3.17	73	22814	1.240	ug/l	98
20) Methylene Chloride	2.84	84	10718	1.654	ug/l	85
21) trans-1,2-Dichloroethene	3.14	96	7731	1.267	ug/l	84
22) Diisopropyl ether	3.82	45	21658	1.225	ug/l #	84
23) Vinyl Acetate	3.78	43	87552	5.595	ug/l	97
24) 1,1-Dichloroethane	3.67	63	12758	1.232	ug/l #	86
25) 2-Butanone	4.64	43	25788	6.092	ug/l #	89
26) 2,2-Dichloropropane	4.54	77	11514	1.202	ug/l	84
27) cis-1,2-Dichloroethene	4.56	96	8075	1.216	ug/l	96
28) Bromochloromethane	4.97	49	5484	1.148	ug/l	97
29) Tetrahydrofuran	5.10	42	13958	5.112	ug/l	97
30) Chloroform	5.18	83	13677	1.236	ug/l	97
31) Cyclohexane	5.55	56	10692	1.270	ug/l	87
32) 1,1,1-Trichloroethane	5.46	97	12974	1.268	ug/l #	47
36) 1,1-Dichloropropene	5.76	75	8694	1.103	ug/l #	88
37) Ethyl Acetate	4.80	43	8349	0.992	ug/l #	81
38) Carbon Tetrachloride	5.75	117	11084	1.197	ug/l #	77

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	9714	1.133	ug/l #	83
40) Benzene	6.11	78	27498	1.209	ug/l	95
41) Methacrylonitrile	5.01	41	1263	0.281	ug/l #	1
42) 1,2-Dichloroethane	6.17	62	11006	1.232	ug/l	91
43) Isopropyl Acetate	6.41	43	15428	1.132	ug/l #	92
44) Trichloroethene	7.18	130	7082	1.030	ug/l	98
45) 1,2-Dichloropropane	7.49	63	7551	1.298	ug/l #	75
46) Dibromomethane	7.64	93	5741	1.370	ug/l	92
47) Bromodichloromethane	7.88	83	9657	1.103	ug/l	93
48) Methyl methacrylate	7.75	41	7155	1.125	ug/l	96
49) 1,4-Dioxane	7.72	88	2587	20.188	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	46455	5.705	ug/l	97
52) Toluene	8.76	92	16682	1.151	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	10271	1.072	ug/l	94
54) cis-1,3-Dichloropropene	8.42	75	10632	1.056	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	7070	1.157	ug/l #	76
56) Ethyl methacrylate	9.16	69	9359	1.066	ug/l #	91
57) 1,3-Dichloropropane	9.35	76	10743	1.056	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.29	63	24049	5.404	ug/l	98
59) 2-Hexanone	9.47	43	31963	5.176	ug/l	90
60) Dibromochloromethane	9.57	129	8667	1.155	ug/l	96
61) 1,2-Dibromoethane	9.65	107	6510	0.978	ug/l	93
64) Tetrachloroethene	9.32	164	7821	1.190	ug/l #	85
65) Chlorobenzene	10.12	112	17385	1.117	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.20	131	7530	1.216	ug/l #	64
67) Ethyl Benzene	10.23	91	26677	1.034	ug/l	92
68) m/p-Xylenes	10.34	106	20728	2.103	ug/l	99
69) o-Xylene	10.68	106	10838	1.151	ug/l	90
70) Styrene	10.70	104	16600	1.025	ug/l	96
71) Bromoform	10.84	173	5918	1.123	ug/l #	98
73) Isopropylbenzene	11.00	105	25540	1.051	ug/l	96
74) N-amyl acetate	10.88	43	10382	1.035	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.25	83	9022	1.217	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	10345	1.430	ug/l	93
77) Bromobenzene	11.24	156	7878	1.137	ug/l	91
78) n-propylbenzene	11.34	91	27770	1.020	ug/l	99
79) 2-Chlorotoluene	11.40	91	18628	1.107	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	19873	0.957	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	3318	1.159	ug/l #	74
82) 4-Chlorotoluene	11.49	91	20198	1.011	ug/l	92
83) tert-Butylbenzene	11.76	119	18969	0.949	ug/l	90
84) 1,2,4-Trimethylbenzene	11.79	105	19938	0.954	ug/l	97
85) sec-Butylbenzene	11.93	105	23332	0.999	ug/l	94
86) p-Isopropyltoluene	12.05	119	21066	0.951	ug/l	94
87) 1,3-Dichlorobenzene	12.01	146	13169	1.064	ug/l	93
88) 1,4-Dichlorobenzene	12.01	146	13169	1.052	ug/l	94
89) n-Butylbenzene	12.37	91	19312	1.016	ug/l	99
90) Hexachloroethane	12.58	117	4928	1.167	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	13269	1.139	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	12.99	75	2823	1.415	ug/l	83

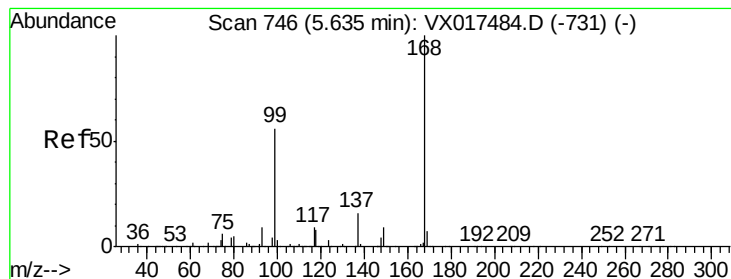
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX072320\
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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	8137	0.998	ug/l	99
94) Hexachlorobutadiene	13.76	225	4424	1.303	ug/l	90
95) Naphthalene	13.82	128	21413	0.888	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.00	180	7931	1.001	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

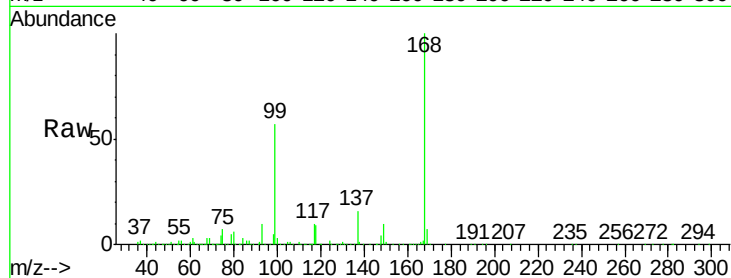
VSTDIC001

Tgt Ion:168 Resp: 581100

Ion Ratio Lower Upper

168 100

99 57.4 44.6 67.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

200000

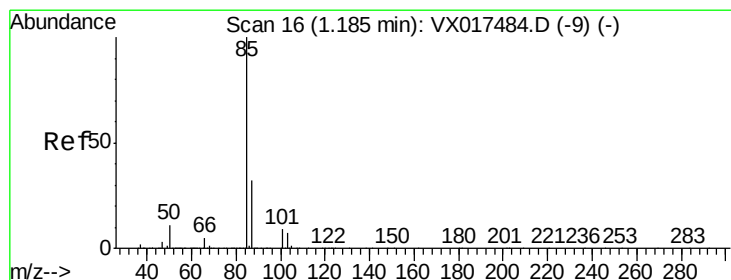
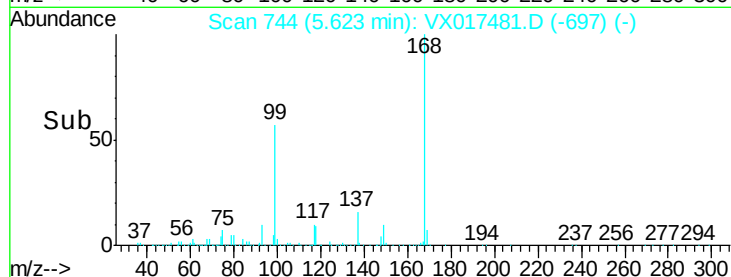
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.598 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX017481.D

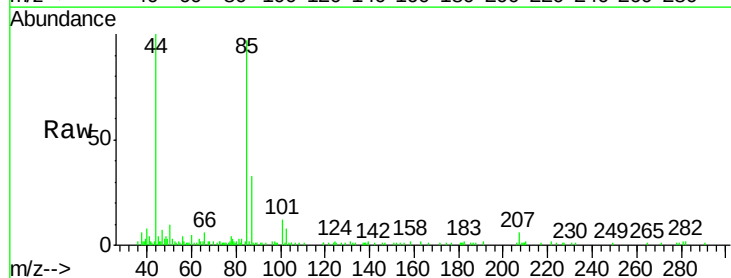
Acq: 23 Jul 2020 09:11

Tgt Ion: 85 Resp: 7882

Ion Ratio Lower Upper

85 100

87 32.6 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

8000

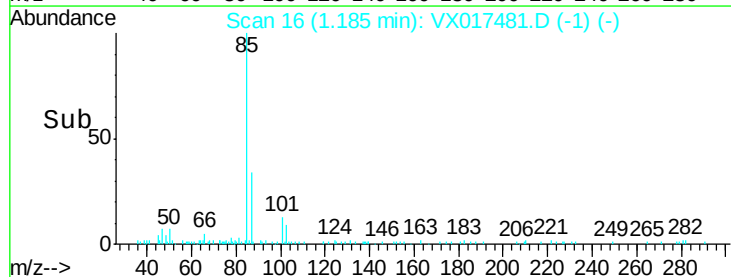
6000

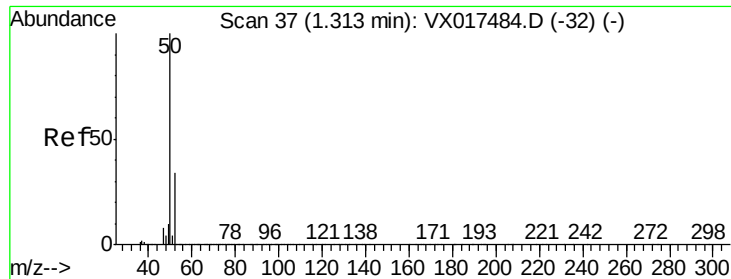
4000

2000

0

Time-->





#3

Chloromethane

Concen: 1.675 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

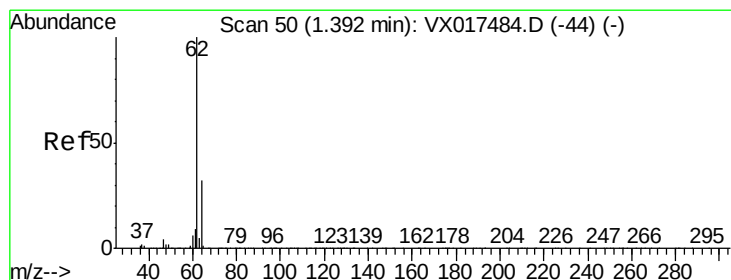
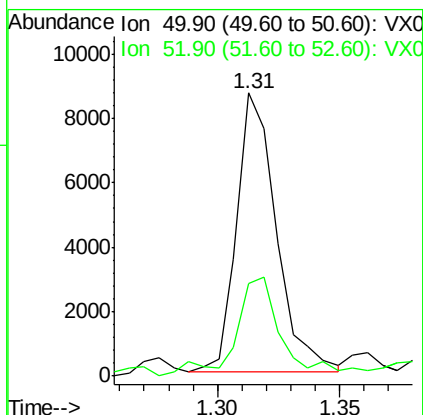
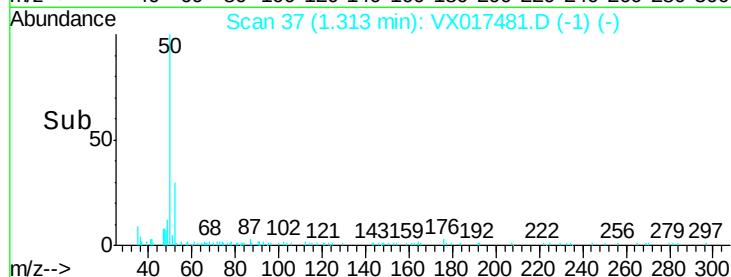
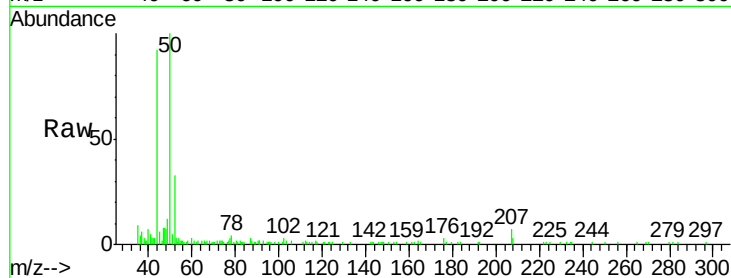
VSTDIC001

Tgt Ion: 50 Resp: 9726

Ion Ratio Lower Upper

50 100

52 31.5 27.1 40.7



#4

Vinyl Chloride

Concen: 1.420 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX017481.D

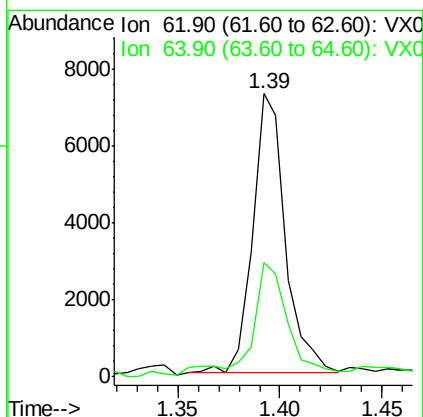
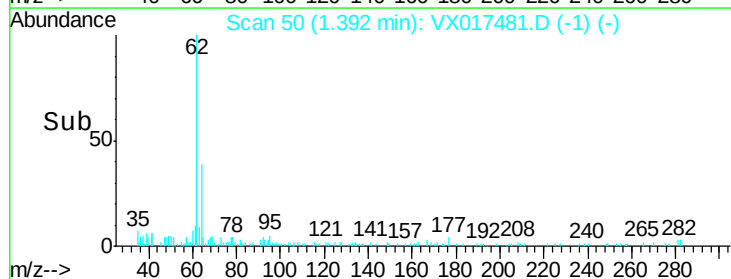
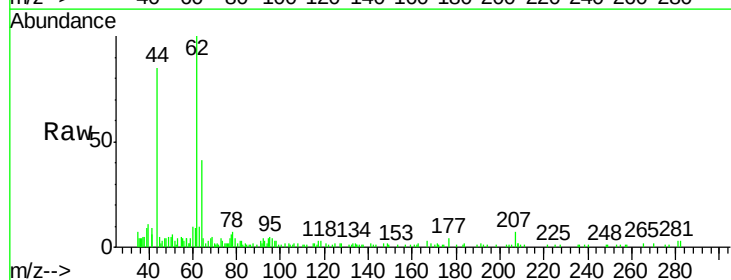
Acq: 23 Jul 2020 09:11

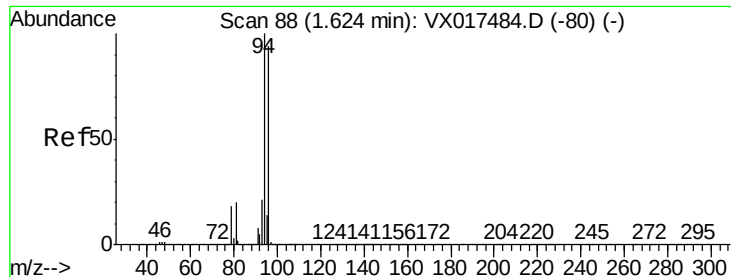
Tgt Ion: 62 Resp: 8066

Ion Ratio Lower Upper

62 100

64 39.4 25.4 38.0#





#5

Bromomethane

Concen: 1.670 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampled :

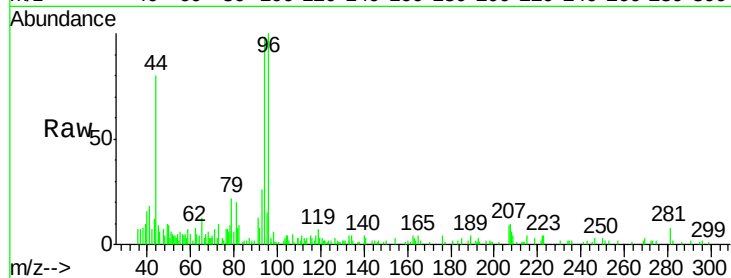
VSTDIC001

Tgt Ion: 94 Resp: 6118

Ion Ratio Lower Upper

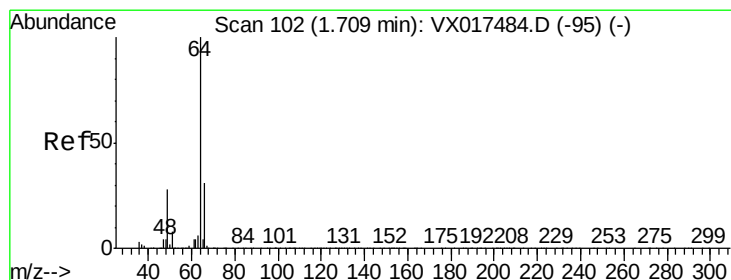
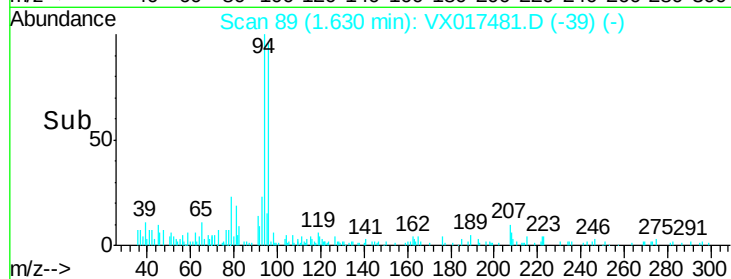
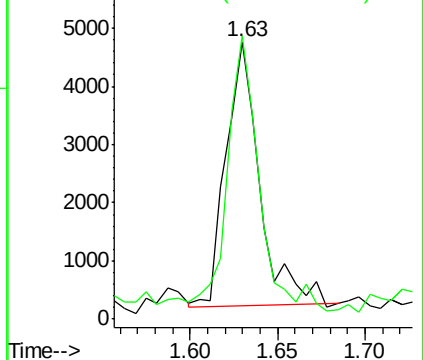
94 100

96 104.5 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 1.637 ug/l

RT: 1.72 min Scan# 103

Delta R.T. 0.01 min

Lab File: VX017481.D

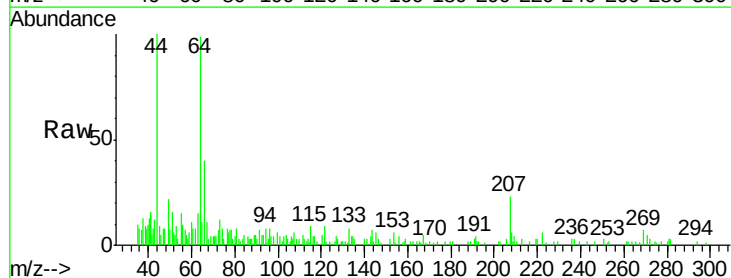
Acq: 23 Jul 2020 09:11

Tgt Ion: 64 Resp: 5840

Ion Ratio Lower Upper

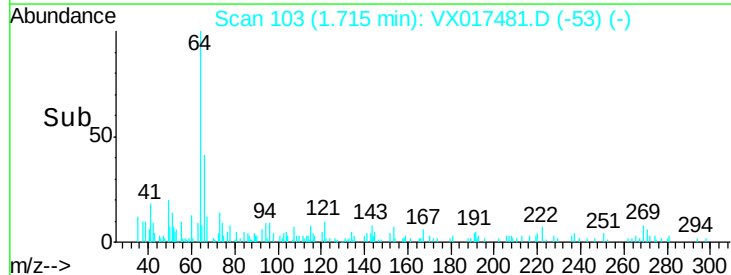
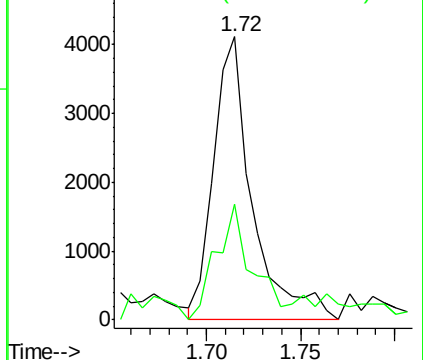
64 100

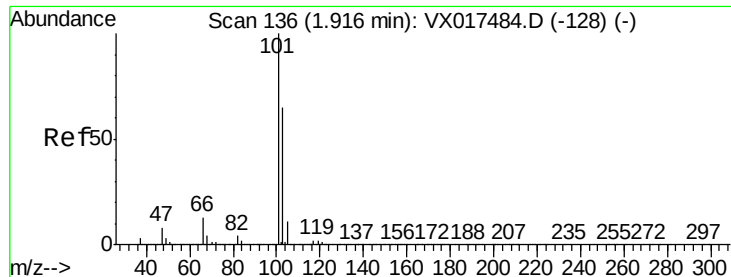
66 40.8 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



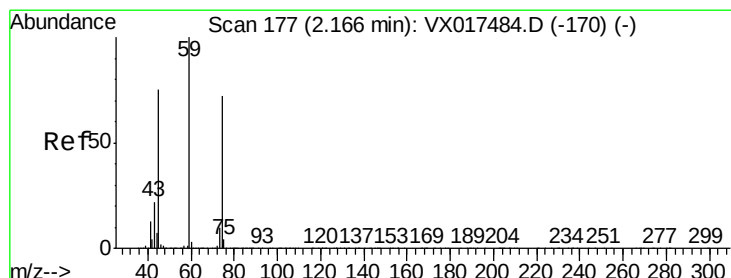
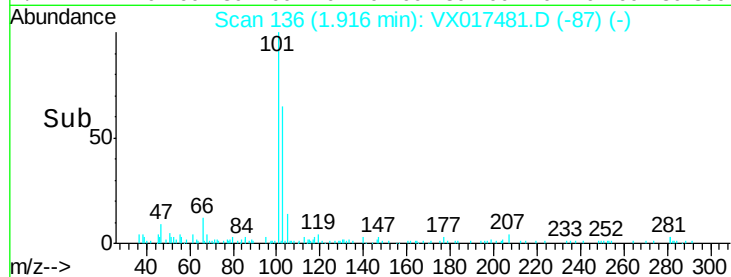
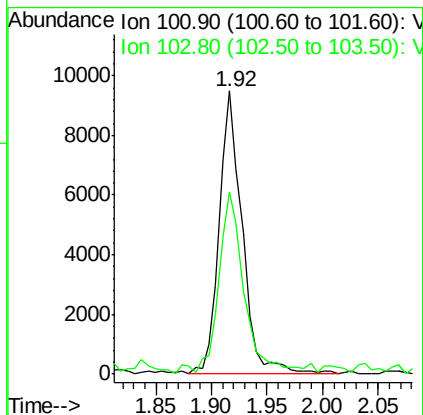
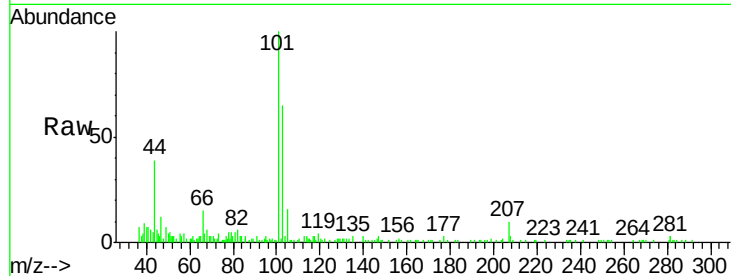


#7

Trichlorofluoromethane
Concen: 1.454 ug/l
RT: 1.92 min Scan# 136
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

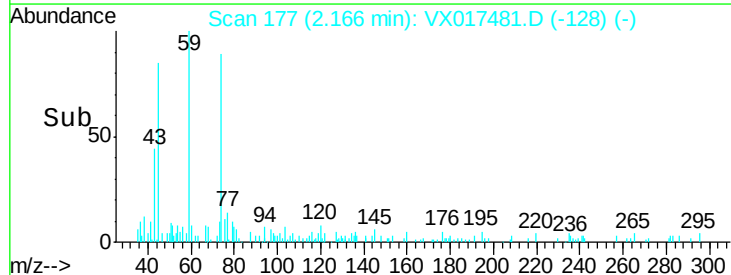
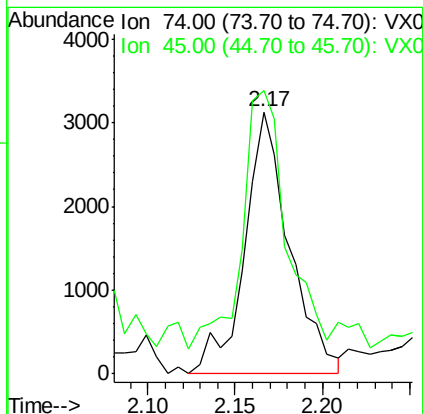
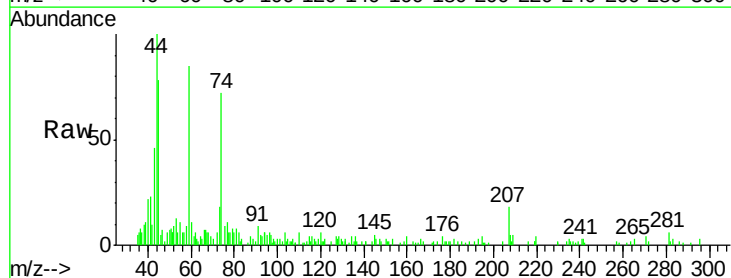
Tgt Ion: 101 Resp: 13708
Ion Ratio Lower Upper
101 100
103 62.1 52.2 78.4

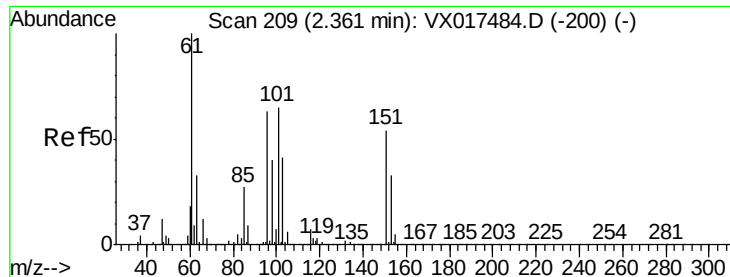


#8

Diethyl Ether
Concen: 1.652 ug/l
RT: 2.17 min Scan# 177
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion: 74 Resp: 5611
Ion Ratio Lower Upper
74 100
45 96.1 50.6 151.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.446 ug/l

RT: 2.36 min Scan# 209

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

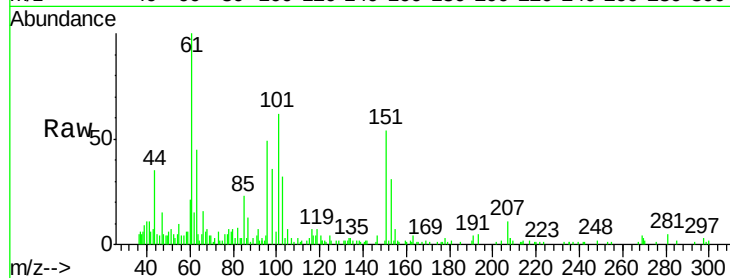
Tgt Ion:101 Resp: 7802

Ion Ratio Lower Upper

101 100

85 46.8 33.8 50.6

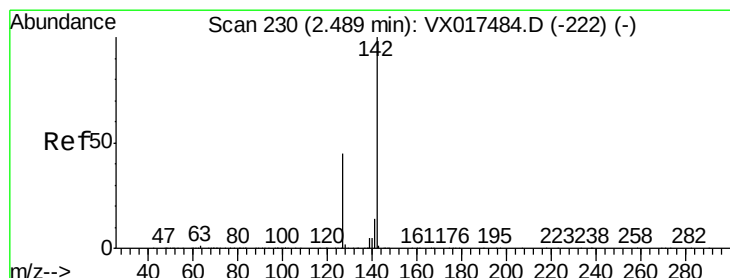
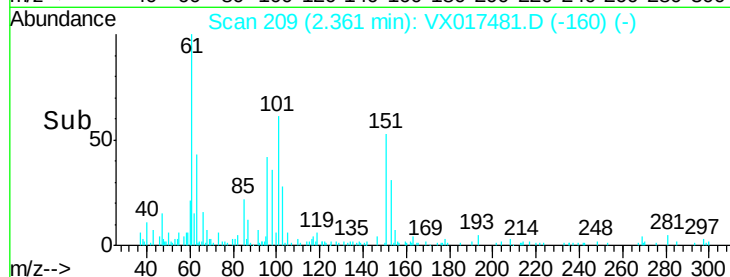
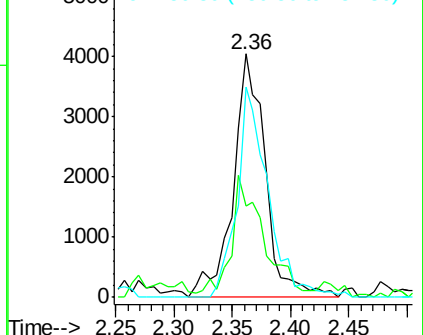
151 83.6 65.8 98.8



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: 1.153 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

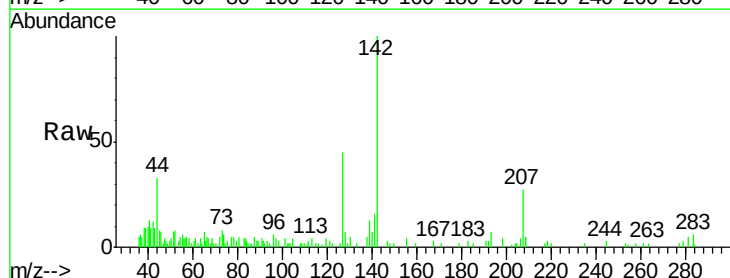
Tgt Ion:142 Resp: 7693

Ion Ratio Lower Upper

142 100

127 45.6 36.4 54.6

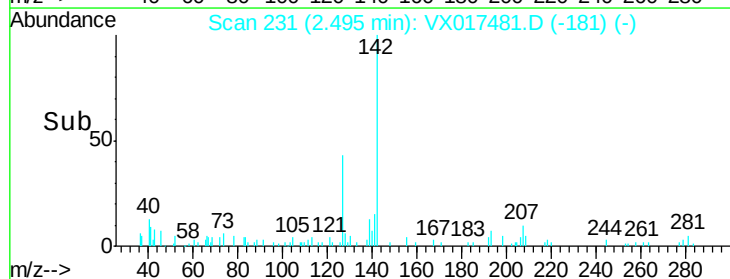
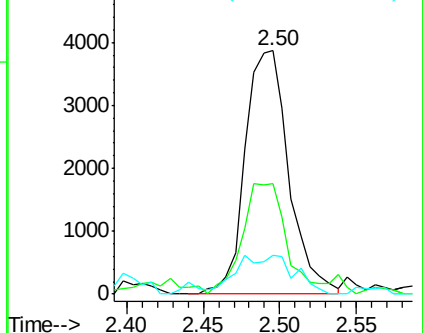
141 21.1 11.4 17.2#

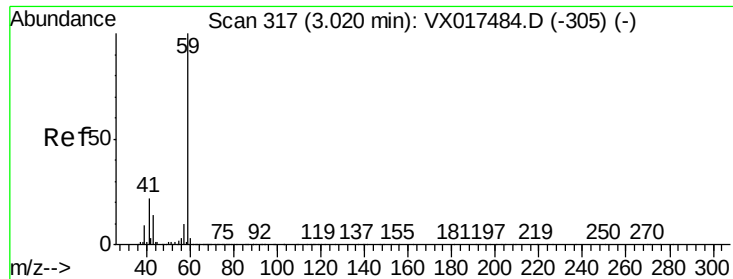


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

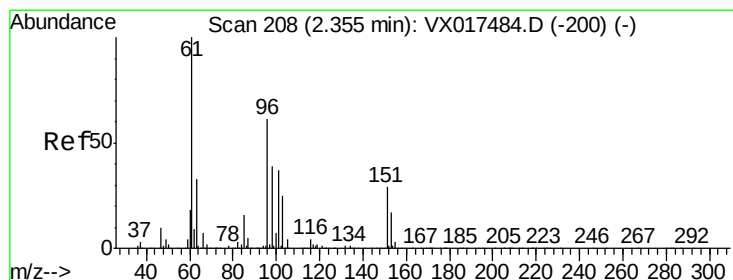
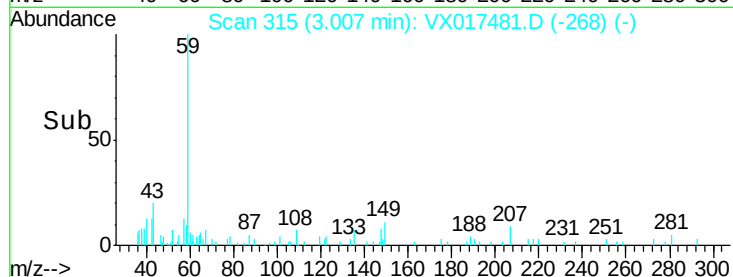
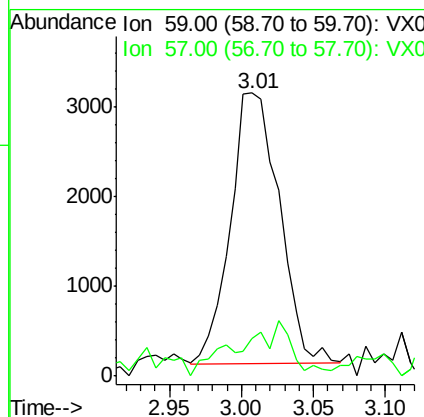
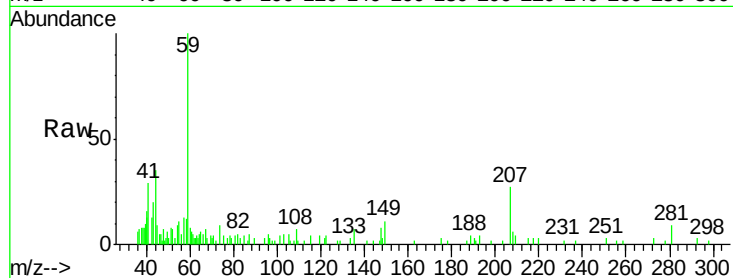




#11
Tert butyl alcohol
Concen: 5.426 ug/l
RT: 3.01 min Scan# 315
Delta R.T. -0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

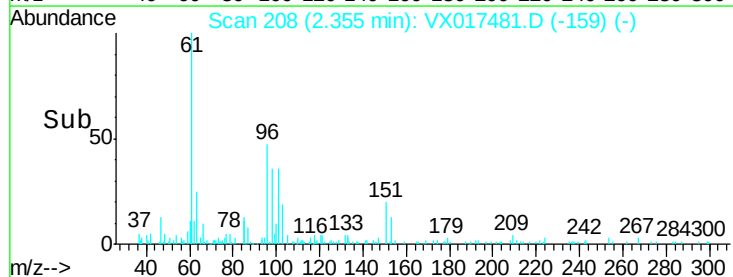
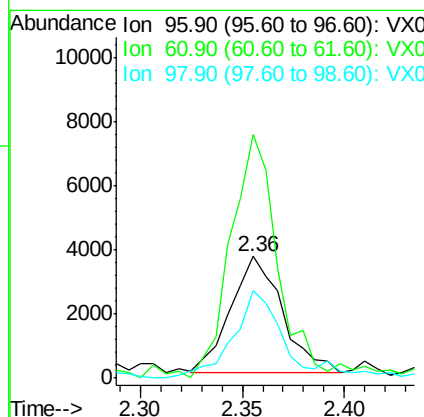
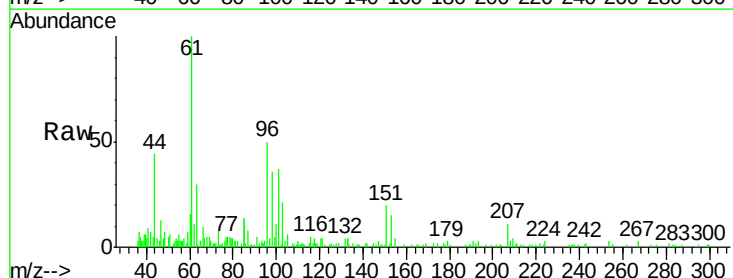
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

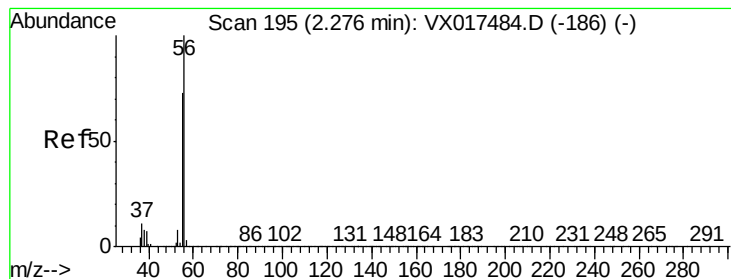
Tgt Ion: 59 Resp: 7133
Ion Ratio Lower Upper
59 100
57 2.4 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 1.189 ug/l
RT: 2.36 min Scan# 208
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion: 96 Resp: 6423
Ion Ratio Lower Upper
96 100
61 200.9 130.2 195.4#
98 69.3 50.5 75.7





#13

Acrolein

Concen: 4.445 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

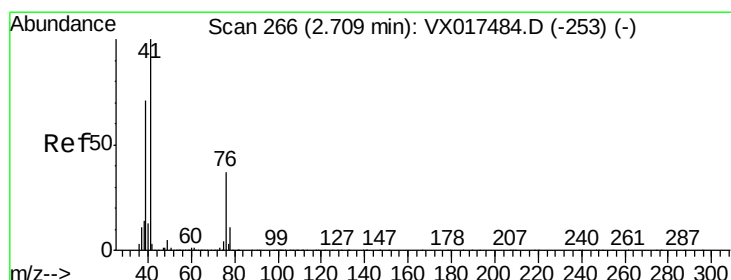
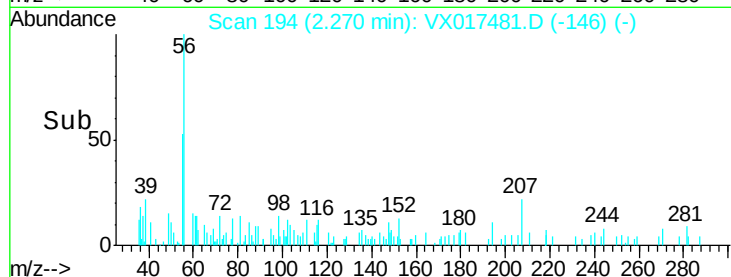
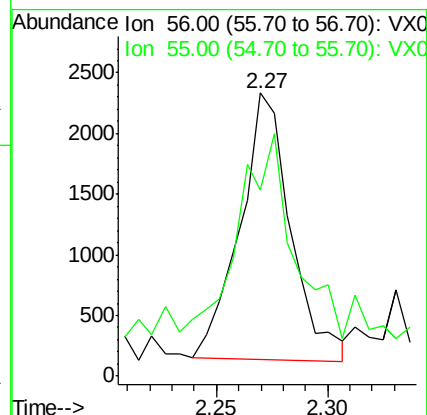
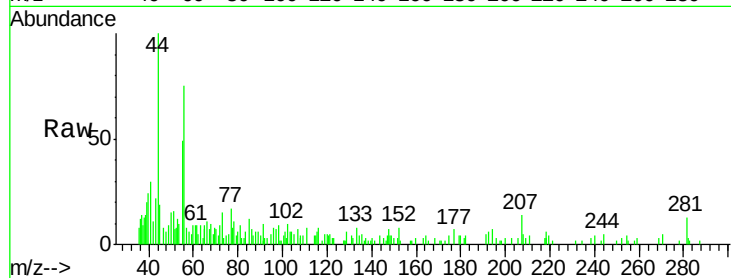
VSTDIC001

Tgt Ion: 56 Resp: 3483

Ion Ratio Lower Upper

56 100

55 95.3 57.3 85.9#



#14

Allyl chloride

Concen: 1.153 ug/l

RT: 2.71 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

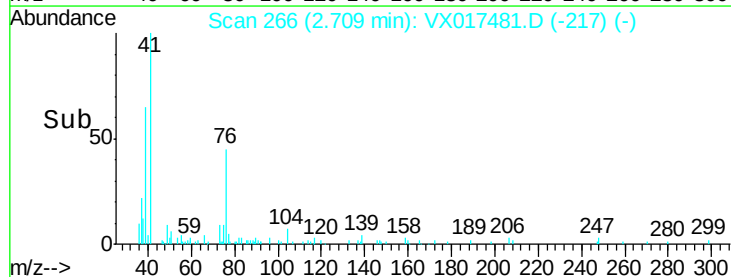
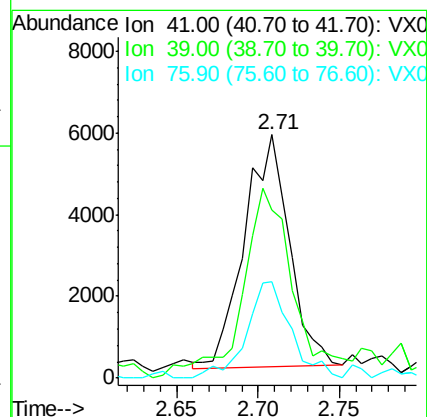
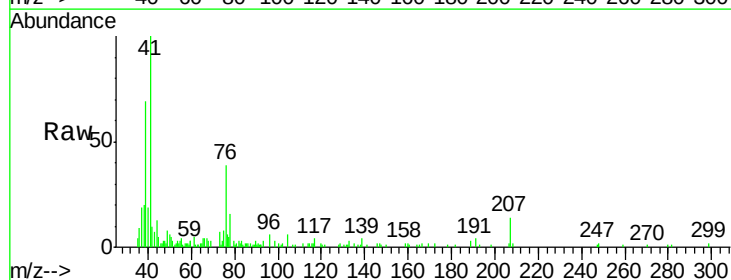
Tgt Ion: 41 Resp: 10953

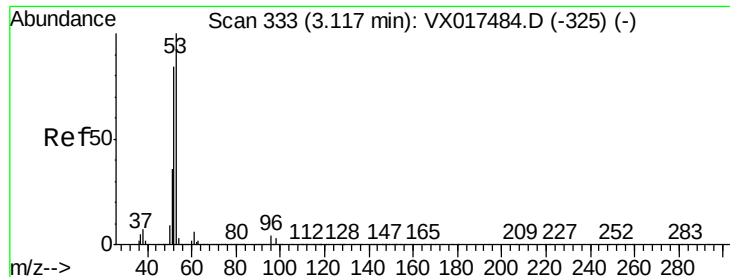
Ion Ratio Lower Upper

41 100

39 92.4 51.7 77.5#

76 40.6 26.4 39.6#





#15

Acrylonitrile

Concen: 5.825 ug/l

RT: 3.11 min Scan# 332

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

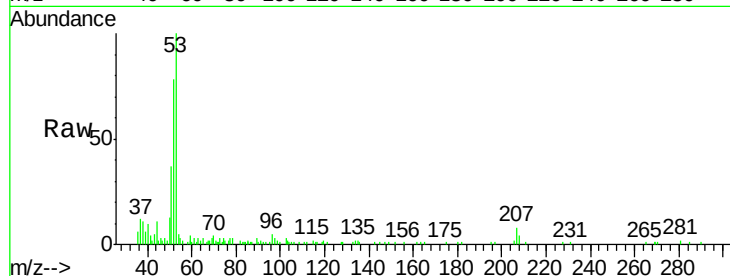
Tgt Ion: 53 Resp: 17948

Ion Ratio Lower Upper

53 100

52 81.3 67.0 100.4

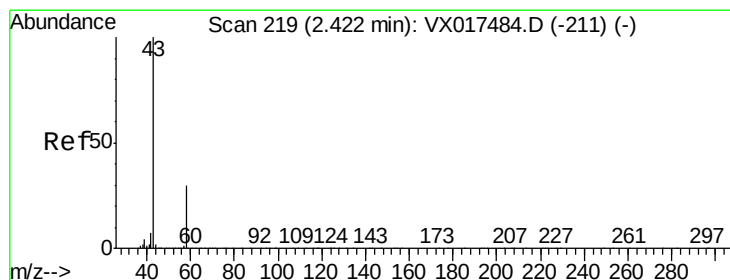
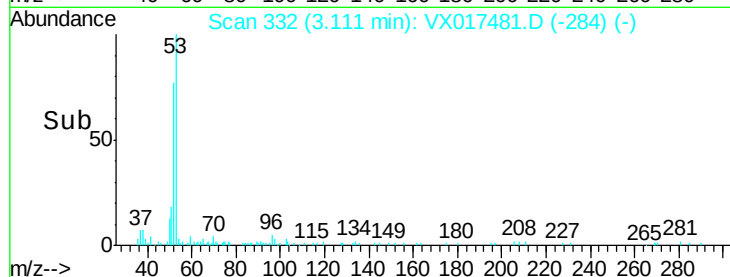
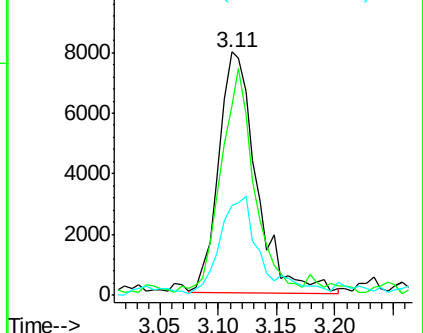
51 44.5 29.6 44.4#



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: 7.097 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX017481.D

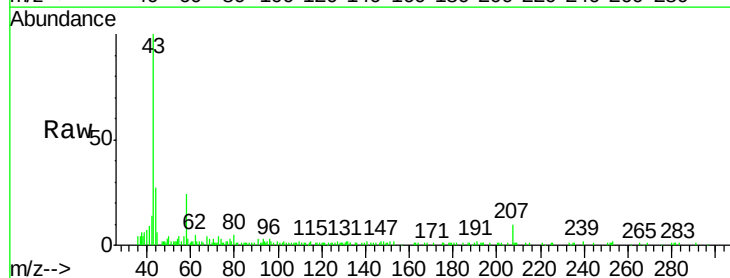
Acq: 23 Jul 2020 09:11

Tgt Ion: 43 Resp: 19421

Ion Ratio Lower Upper

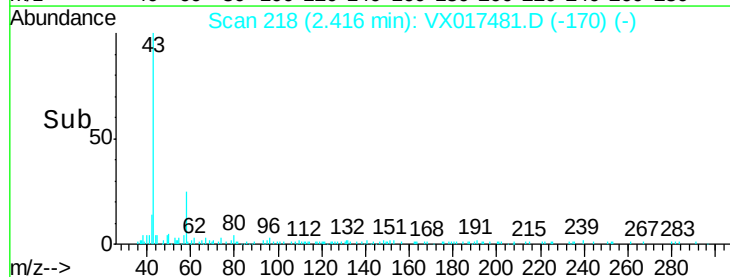
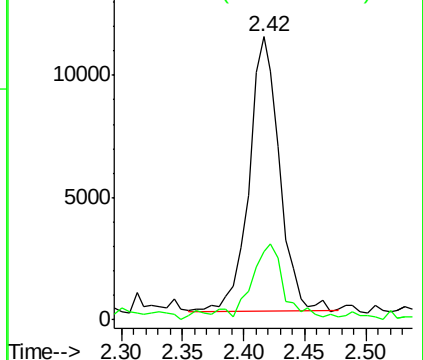
43 100

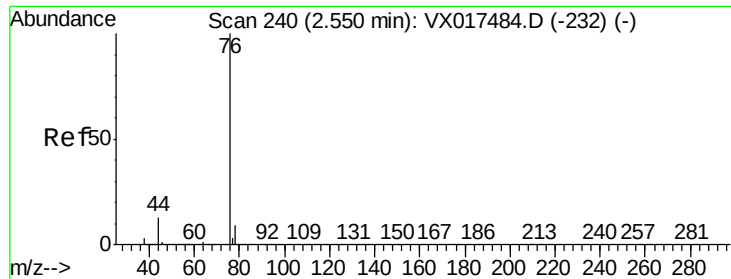
58 23.5 23.7 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.361 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

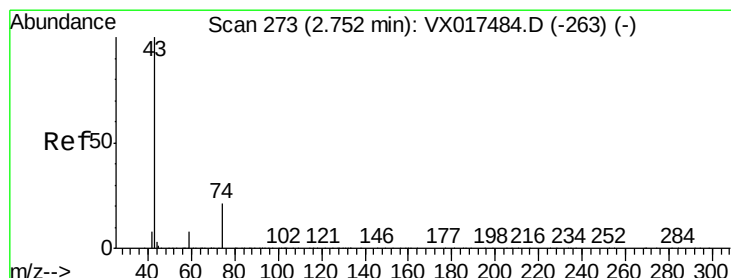
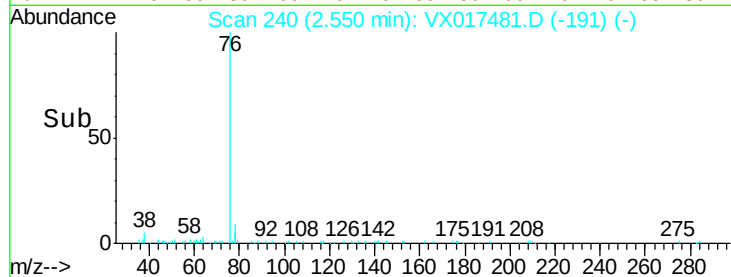
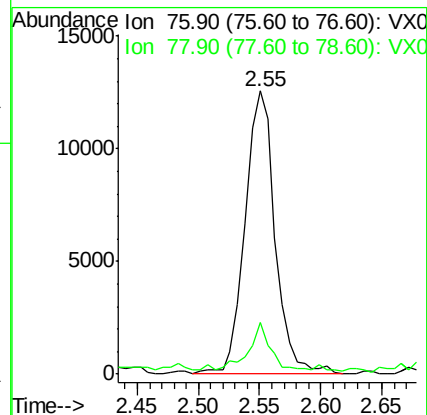
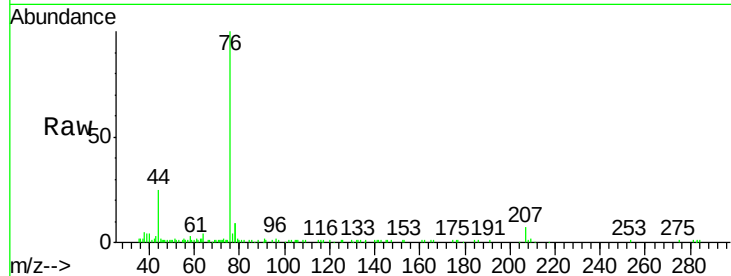
VSTDIC001

Tgt Ion: 76 Resp: 21469

Ion Ratio Lower Upper

76 100

78 16.7 6.8 10.2#



#18

Methyl Acetate

Concen: 1.277 ug/l

RT: 2.75 min Scan# 272

Delta R.T. -0.01 min

Lab File: VX017481.D

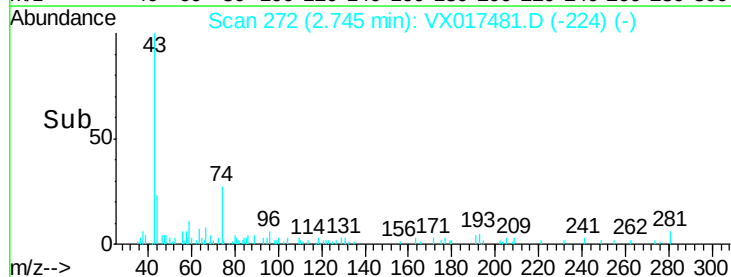
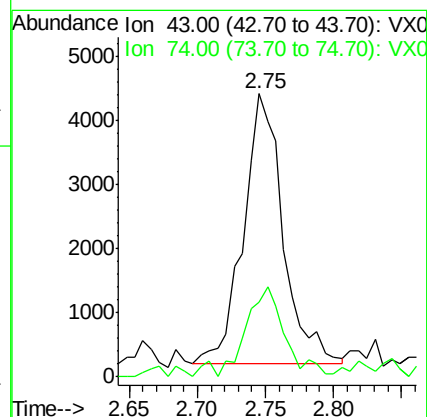
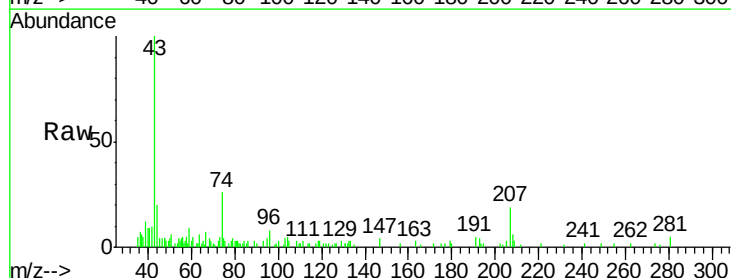
Acq: 23 Jul 2020 09:11

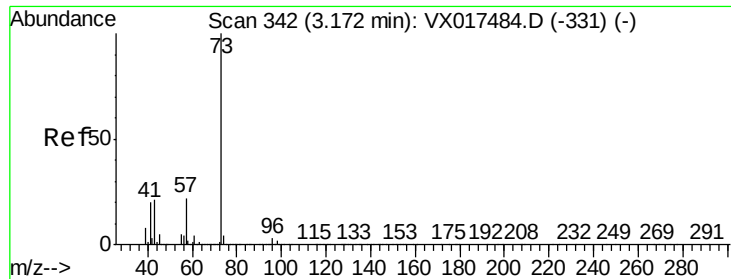
Tgt Ion: 43 Resp: 8623

Ion Ratio Lower Upper

43 100

74 32.4 18.1 27.1#

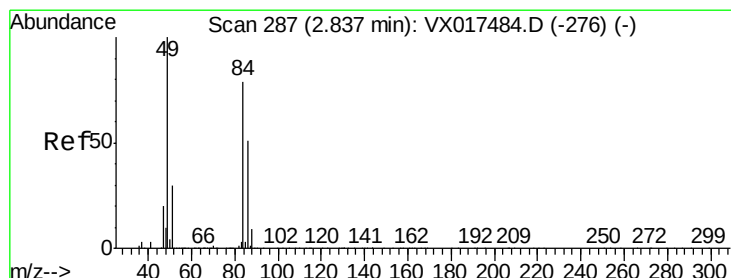
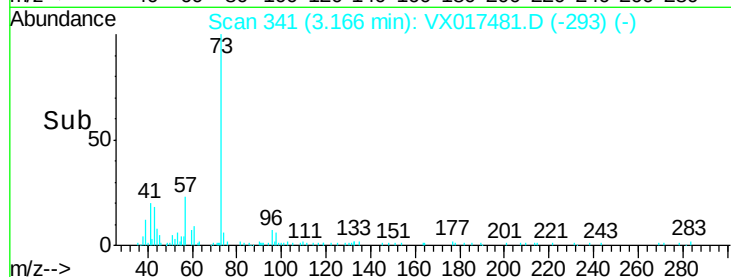
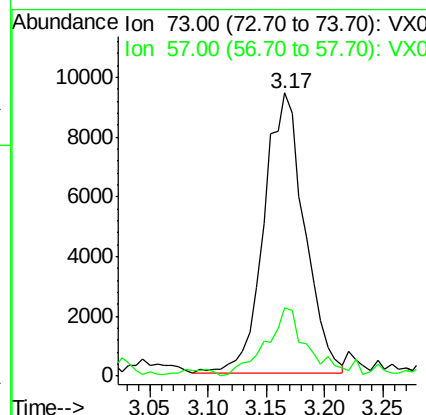
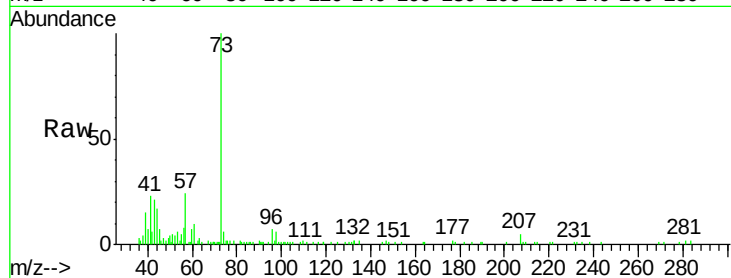




#19
Methyl tert-butyl Ether
Concen: 1.240 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

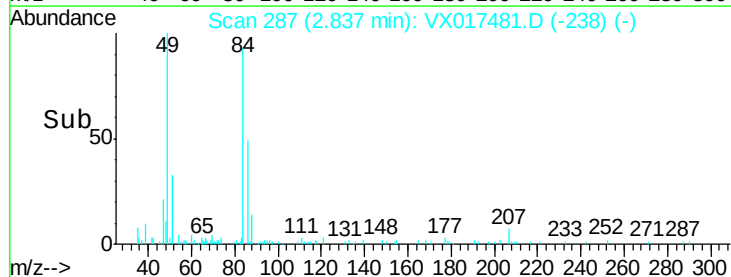
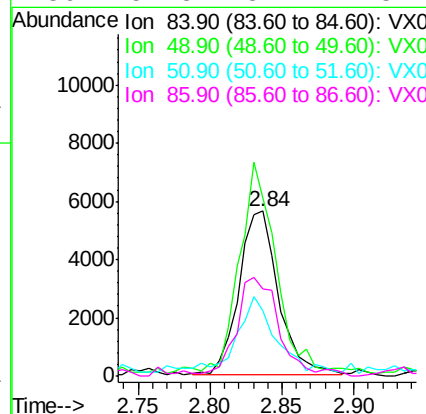
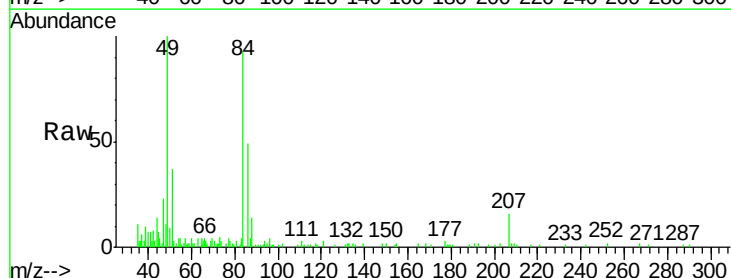
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

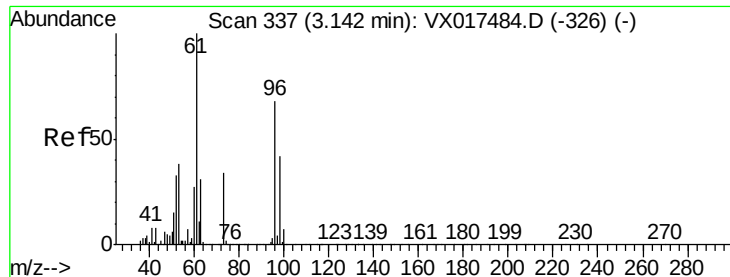
Tgt Ion: 73 Resp: 22814
Ion Ratio Lower Upper
73 100
57 22.6 17.3 25.9



#20
Methylene Chloride
Concen: 1.654 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion: 84 Resp: 10718
Ion Ratio Lower Upper
84 100
49 105.4 101.4 152.2
51 38.1 30.6 45.8
86 52.3 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 1.267 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

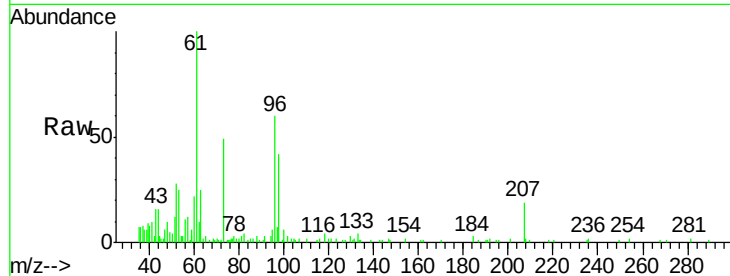
Tgt Ion: 96 Resp: 7731

Ion Ratio Lower Upper

96 100

61 169.6 117.2 175.8

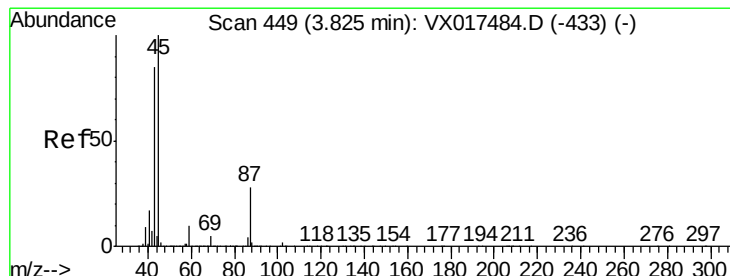
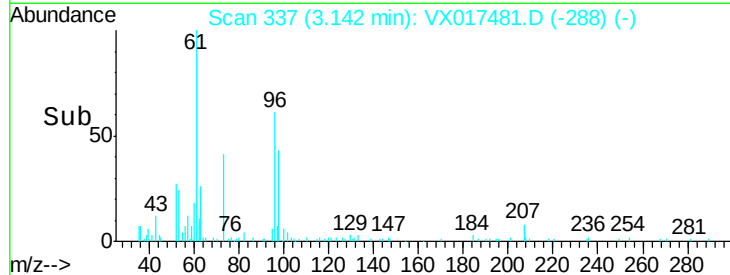
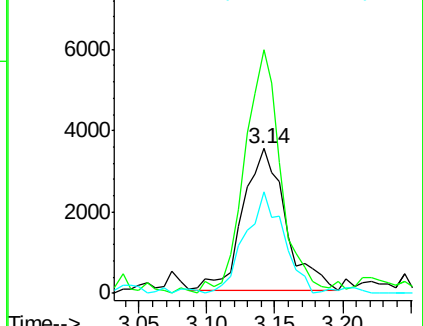
98 69.5 49.0 73.4



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: 1.225 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Tgt Ion: 45 Resp: 21658

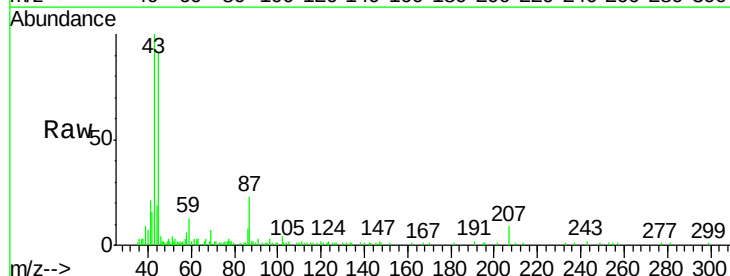
Ion Ratio Lower Upper

45 100

43 103.3 68.0 102.0#

87 24.5 22.2 33.4

59 13.8 8.4 12.6#

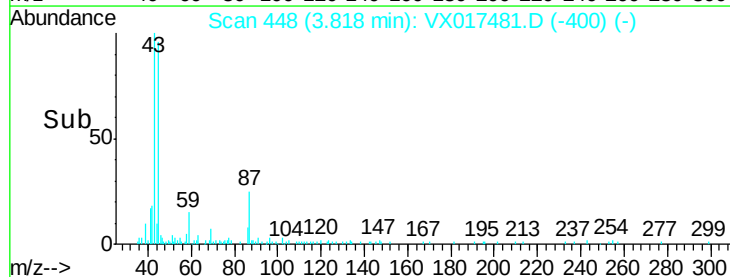
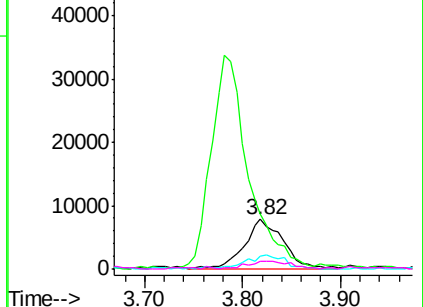


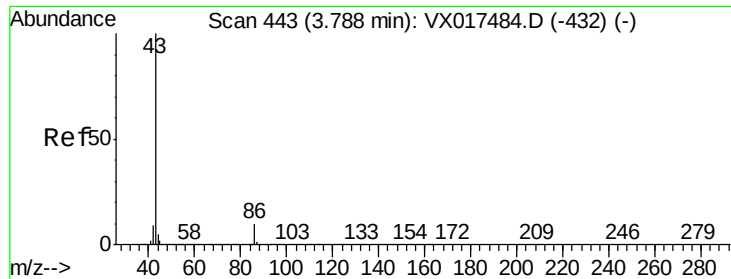
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

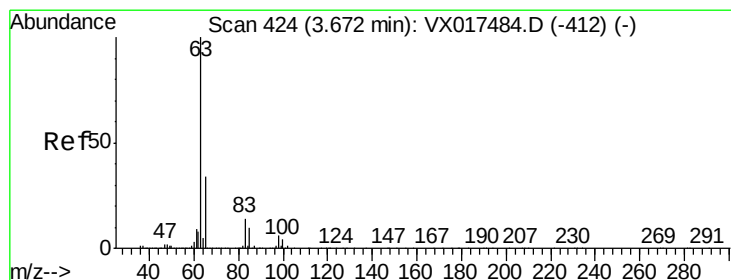
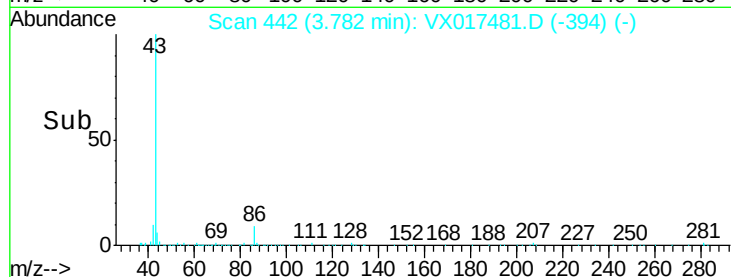
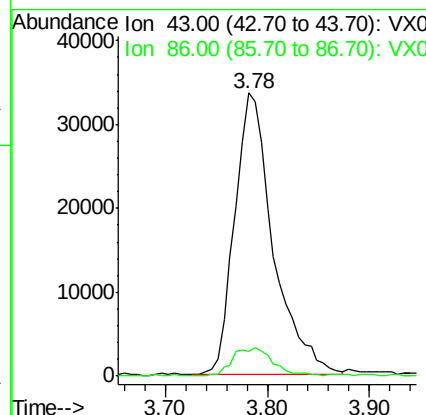
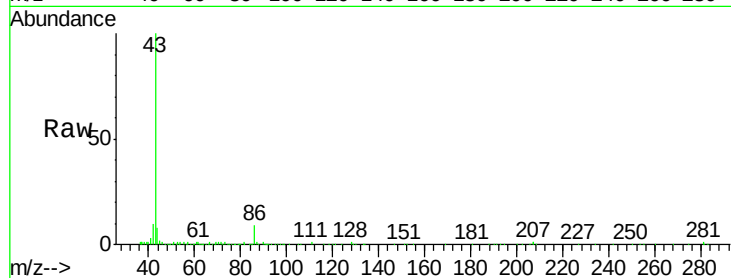




#23
 Vinyl Acetate
 Concen: 5.595 ug/l
 RT: 3.78 min Scan# 442
 Delta R.T. -0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

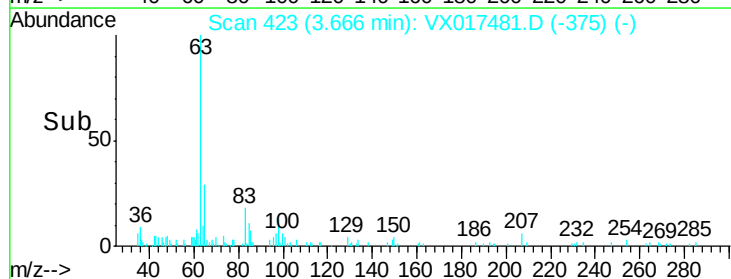
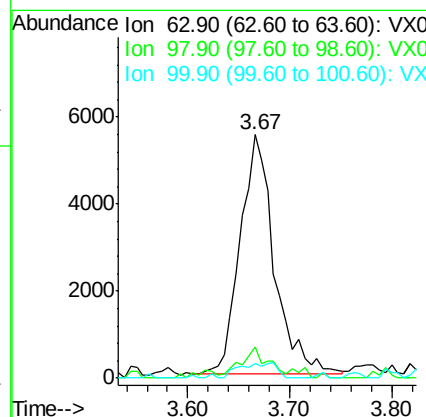
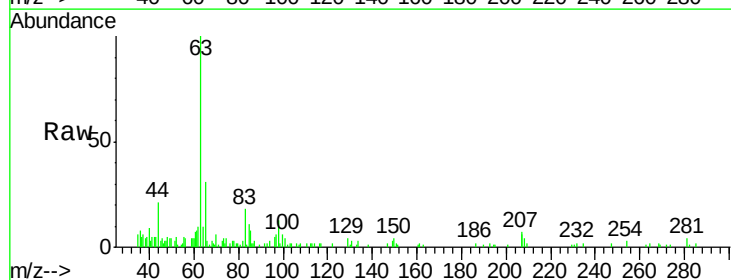
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

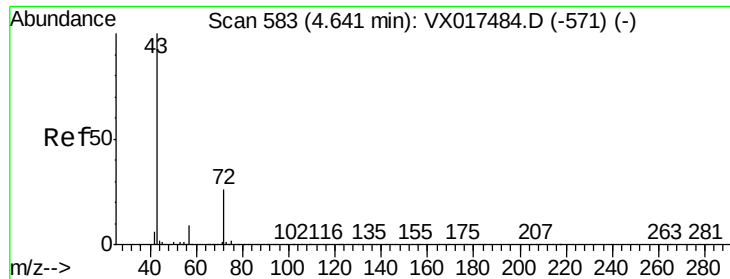
Tgt Ion: 43 Resp: 87552
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 1.232 ug/l
 RT: 3.67 min Scan# 423
 Delta R.T. -0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion: 63 Resp: 12758
 Ion Ratio Lower Upper
 63 100
 98 13.0 3.2 9.6#
 100 5.9 2.1 6.5





#25

2-Butanone

Concen: 6.092 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

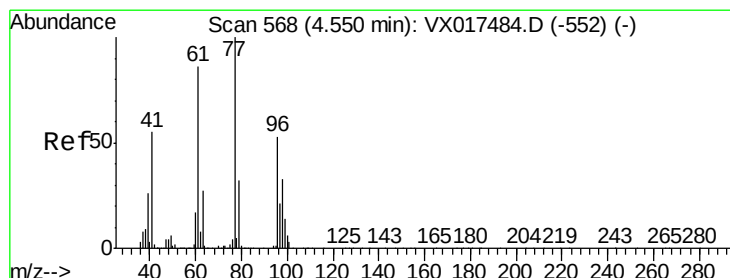
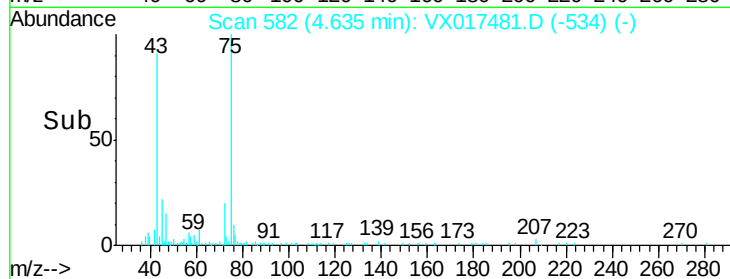
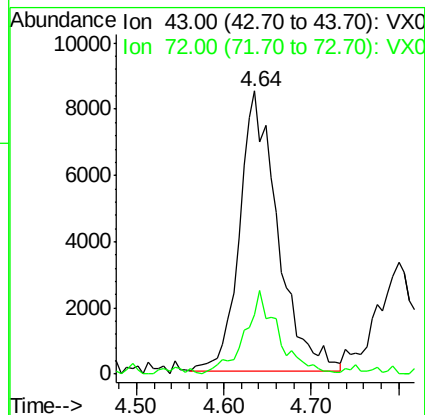
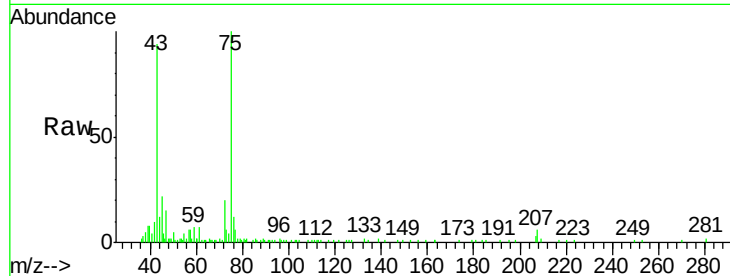
VSTDIC001

Tgt Ion: 43 Resp: 25788

Ion Ratio Lower Upper

43 100

72 20.5 21.0 31.4#



#26

2,2-Dichloropropane

Concen: 1.202 ug/l

RT: 4.54 min Scan# 567

Delta R.T. -0.01 min

Lab File: VX017481.D

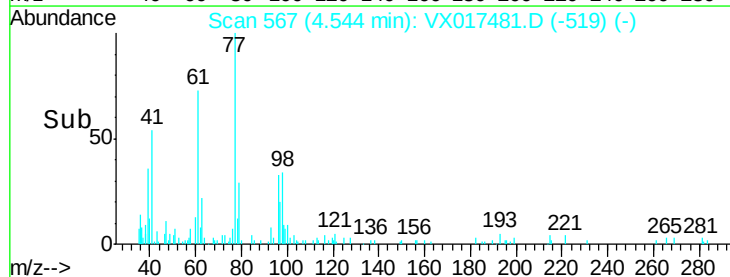
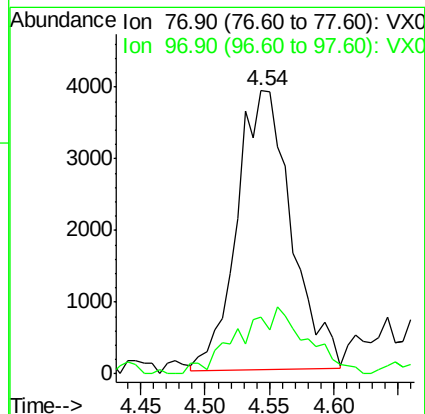
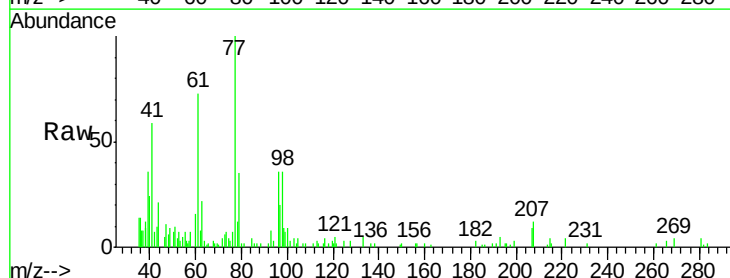
Acq: 23 Jul 2020 09:11

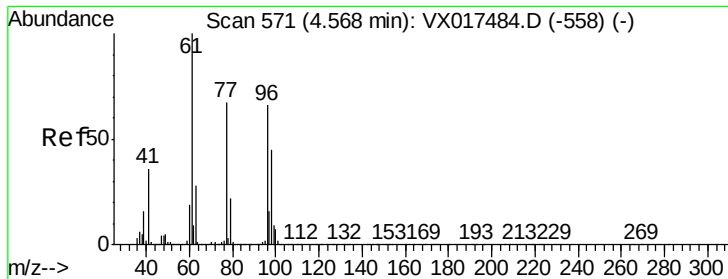
Tgt Ion: 77 Resp: 11514

Ion Ratio Lower Upper

77 100

97 30.0 11.1 33.3



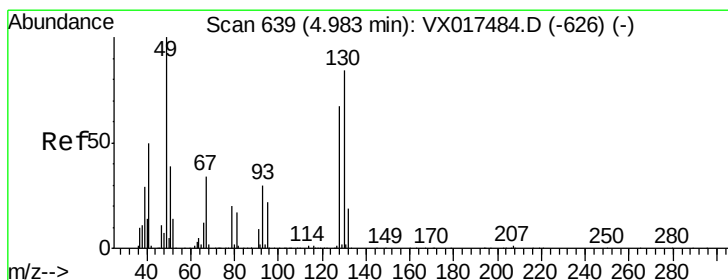
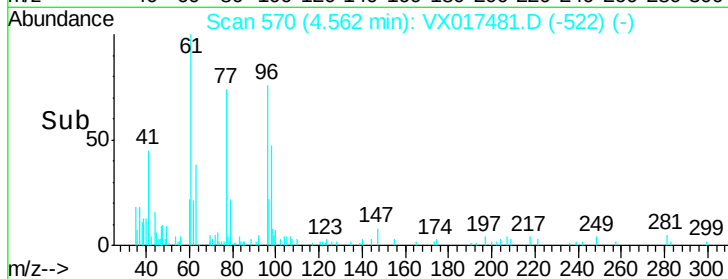
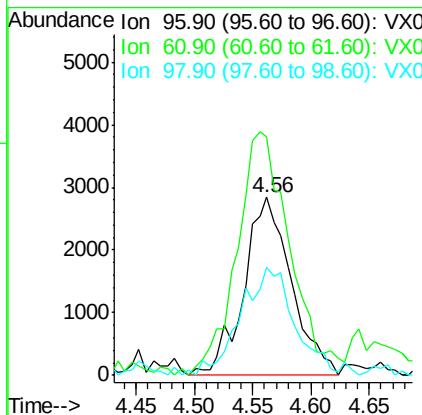
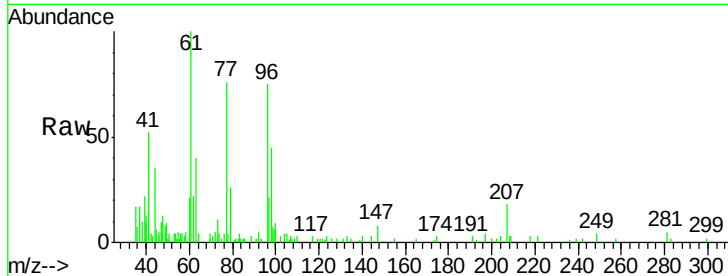


#27

cis-1,2-Dichloroethene
Concen: 1.216 ug/l
RT: 4.56 min Scan# 570
Delta R.T. -0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

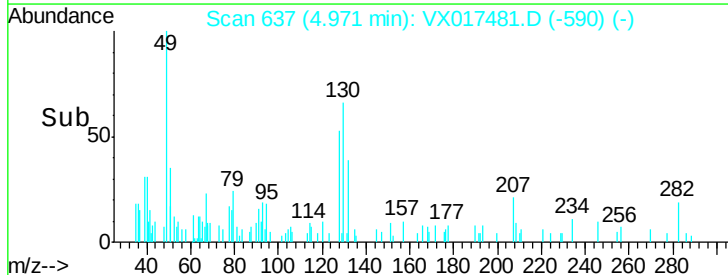
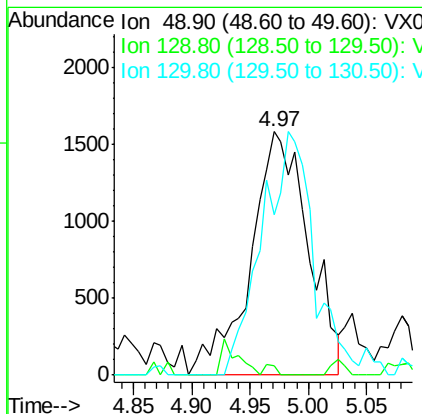
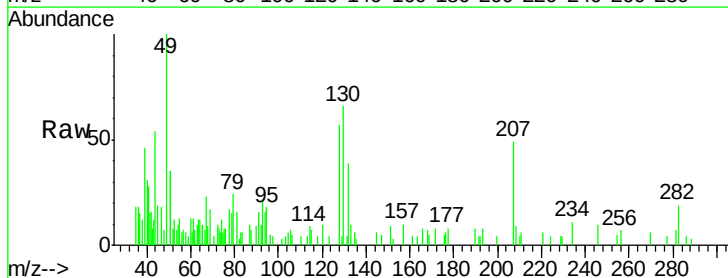
Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.8	0.0	299.2
98	68.9	0.0	127.6

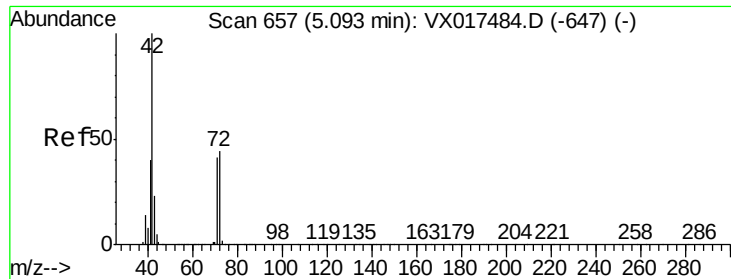


#28

Bromochloromethane
Concen: 1.148 ug/l
RT: 4.97 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.4
130	88.1	68.0	102.0

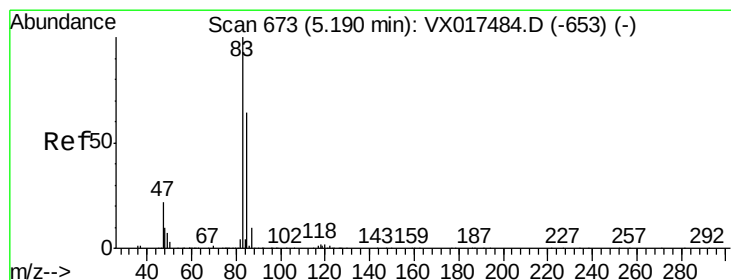
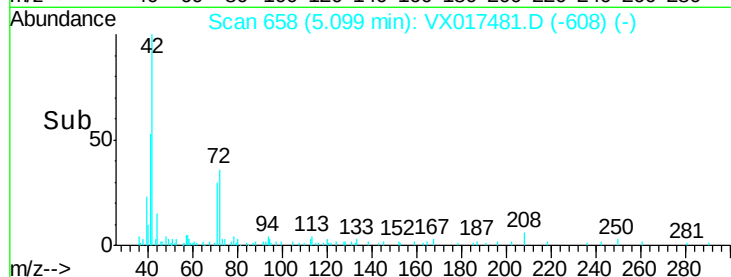
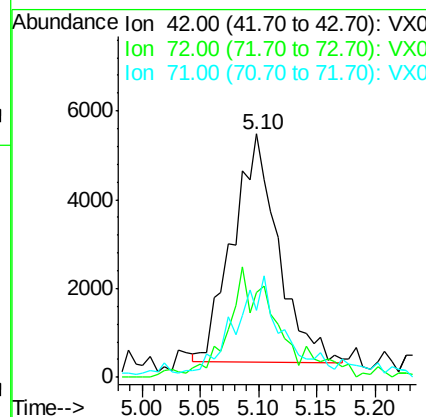
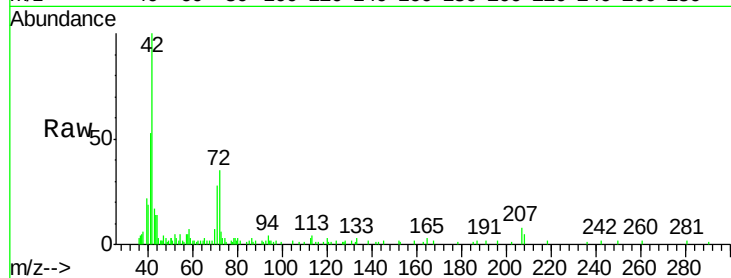




#29
Tetrahydrofuran
Concen: 5.112 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

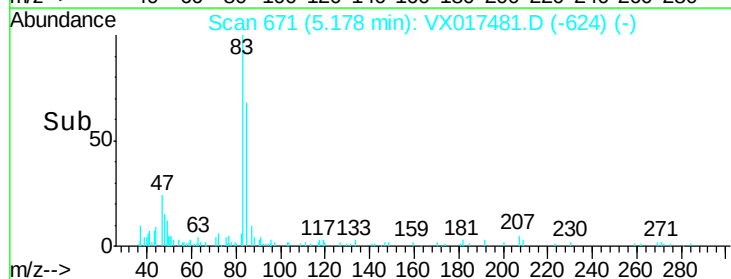
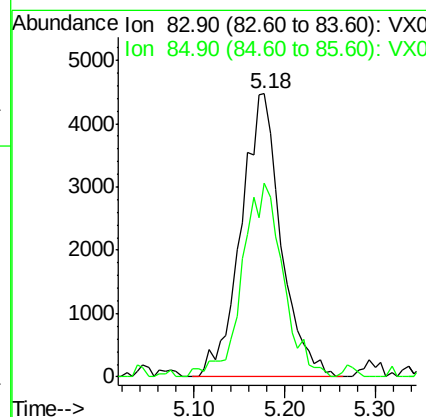
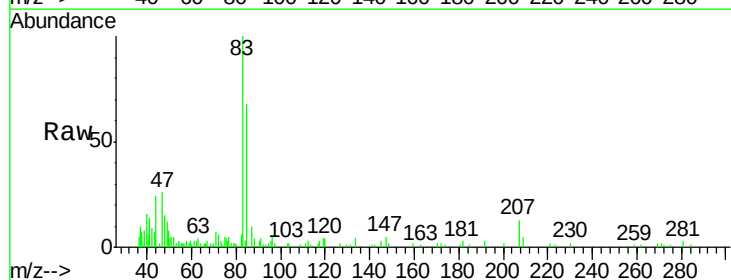
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

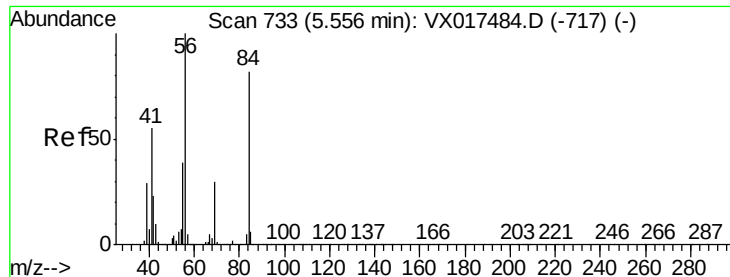
Tgt Ion: 42 Resp: 13958
Ion Ratio Lower Upper
42 100
72 40.4 34.1 51.1
71 42.1 32.3 48.5



#30
Chloroform
Concen: 1.236 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion: 83 Resp: 13677
Ion Ratio Lower Upper
83 100
85 66.6 51.4 77.0

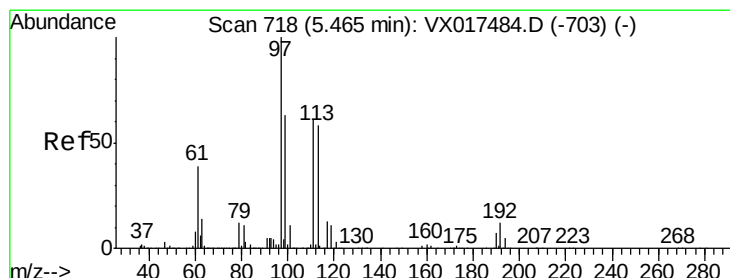
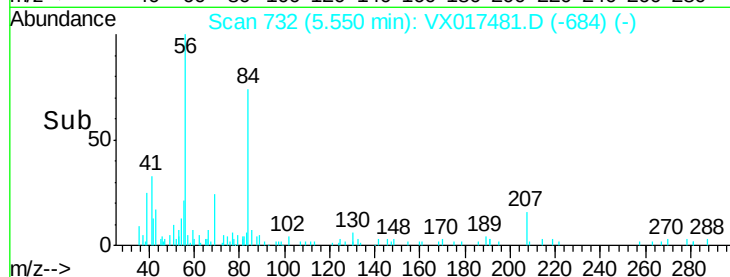
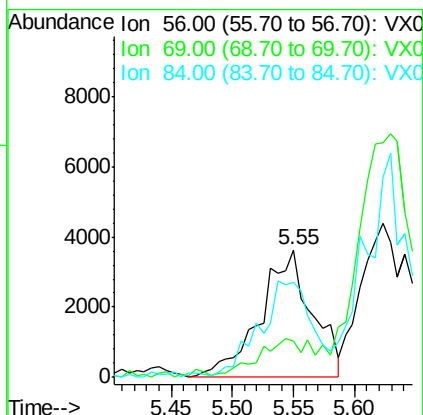
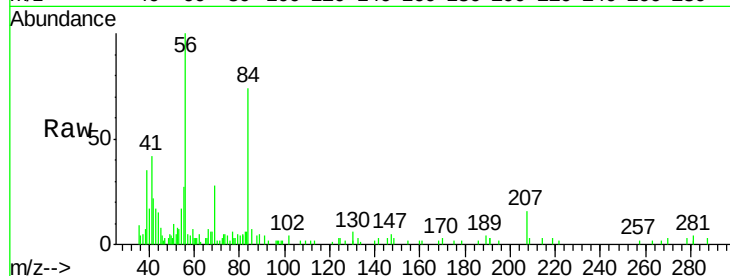




#31
Cyclohexane
Concen: 1.270 ug/l
RT: 5.55 min Scan# 732
Delta R.T. -0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

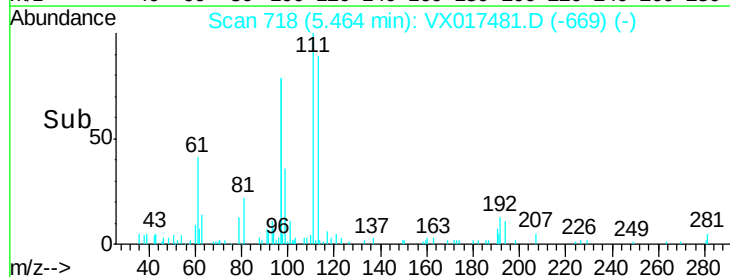
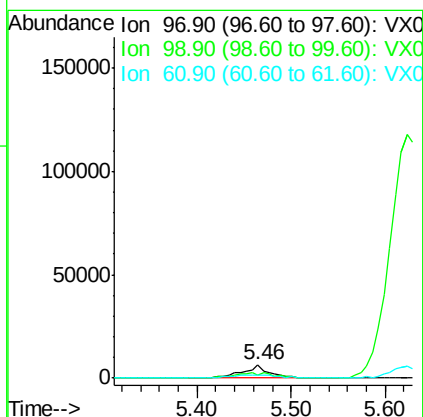
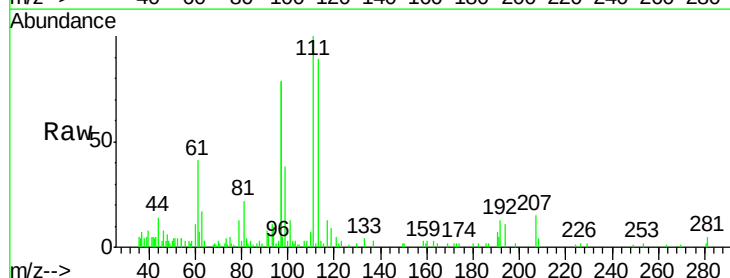
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

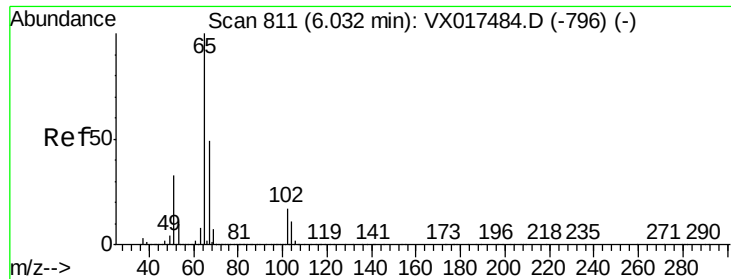
Tgt Ion: 56 Resp: 10692
Ion Ratio Lower Upper
56 100
69 26.6 24.1 36.1
84 69.1 65.8 98.8



#32
1,1,1-Trichloroethane
Concen: 1.268 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion: 97 Resp: 12974
Ion Ratio Lower Upper
97 100
99 0.0 51.1 76.7#
61 47.6 33.4 50.0

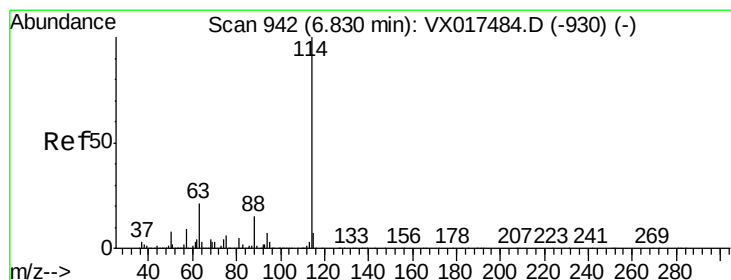
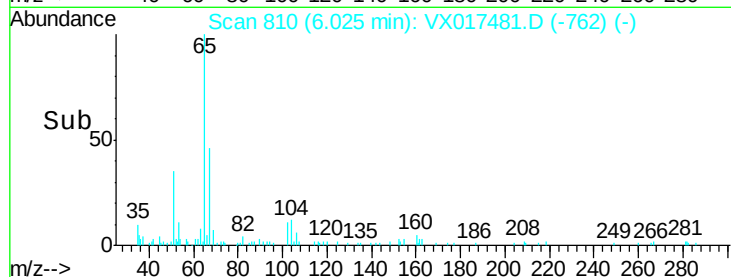
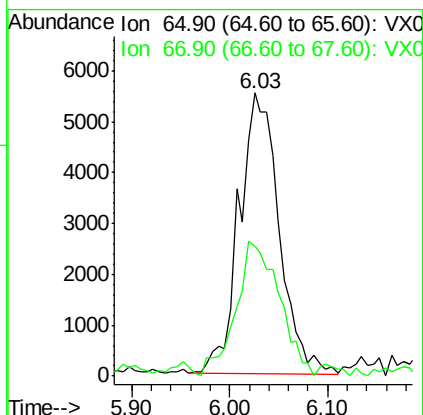
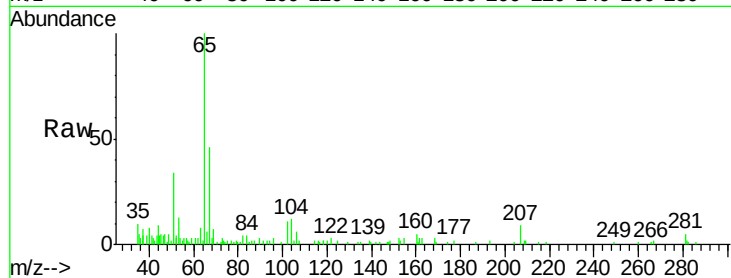




#33
 1,2-Dichloroethane-d4
 Concen: 2.115 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

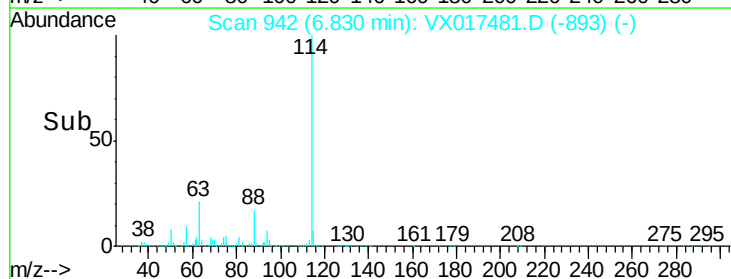
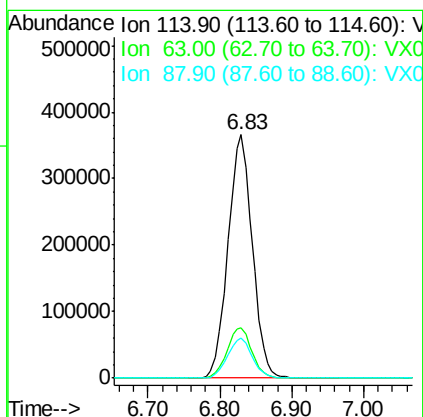
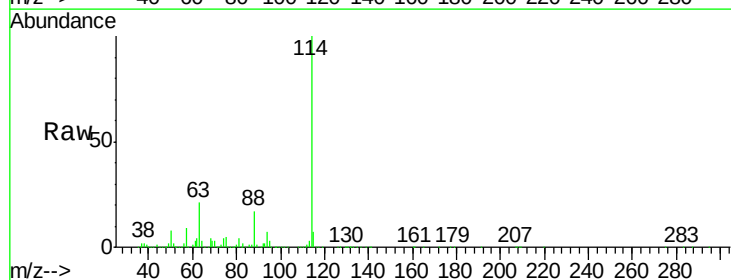
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

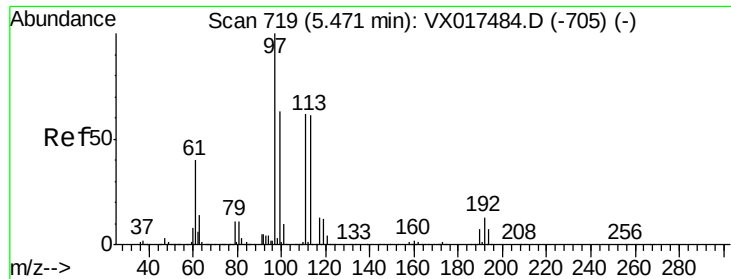
Tgt Ion: 65 Resp: 15710
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion: 114 Resp: 860087
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 41.2
 88 16.6 0.0 30.6

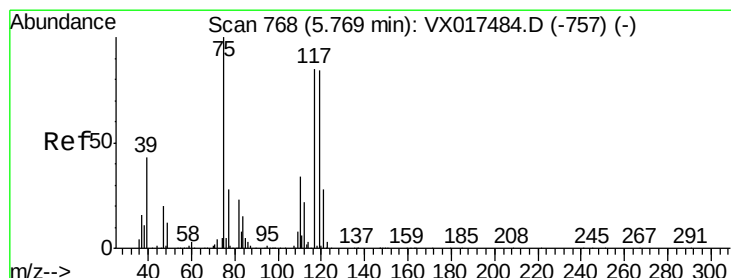
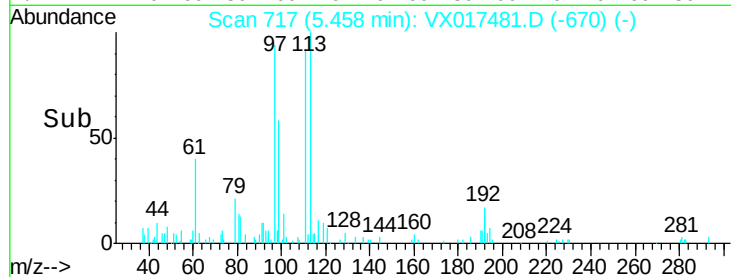
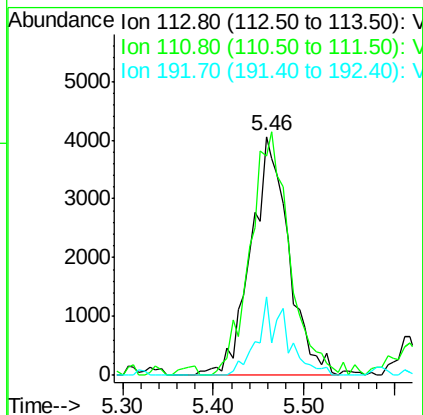
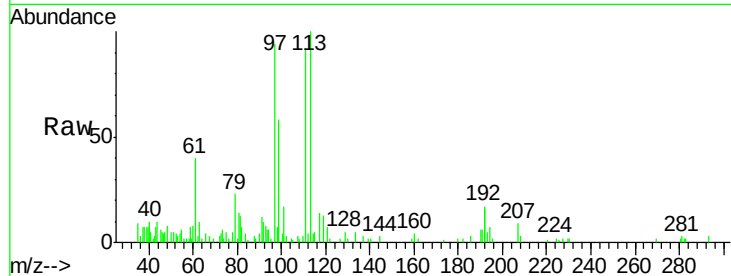




#35
 Dibromofluoromethane
 Concen: 2.007 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

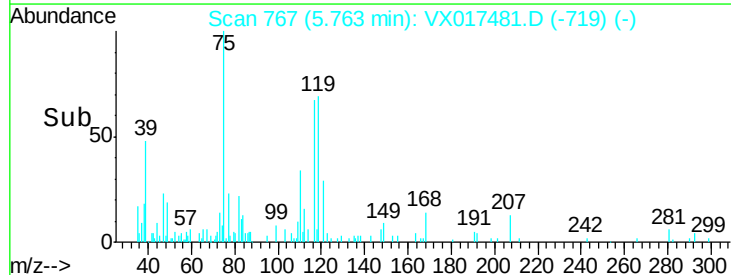
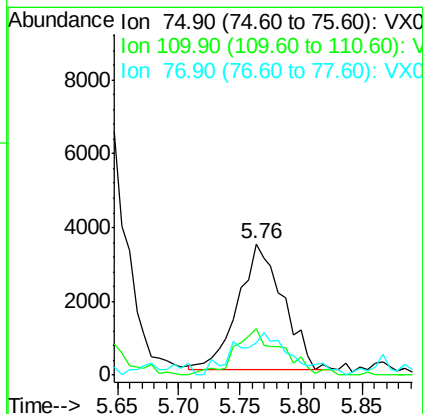
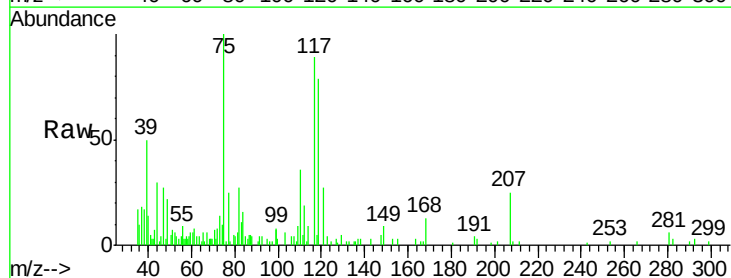
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

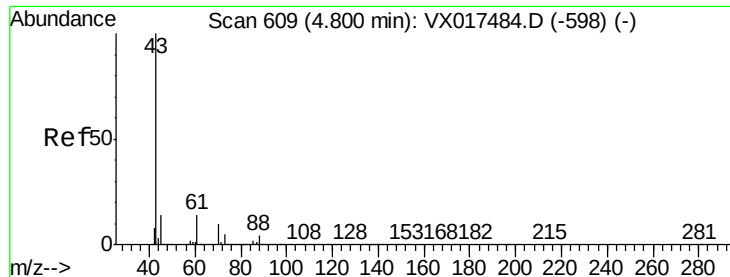
Tgt Ion: 113 Resp: 11712
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.2 123.2
 192 25.0 17.0 25.4



#36
 1,1-Dichloropropene
 Concen: 1.103 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion: 75 Resp: 8694
 Ion Ratio Lower Upper
 75 100
 110 39.0 18.1 54.3
 77 41.5 24.5 36.7#

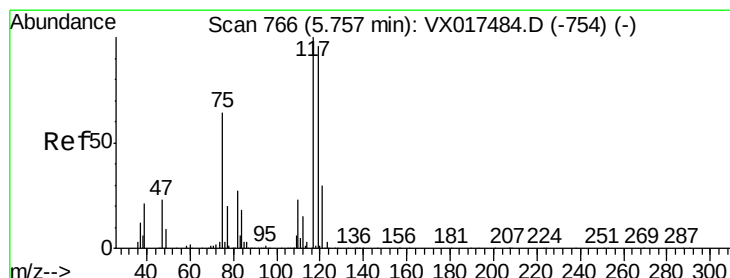
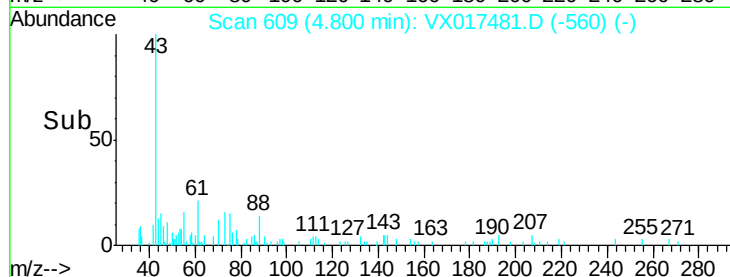
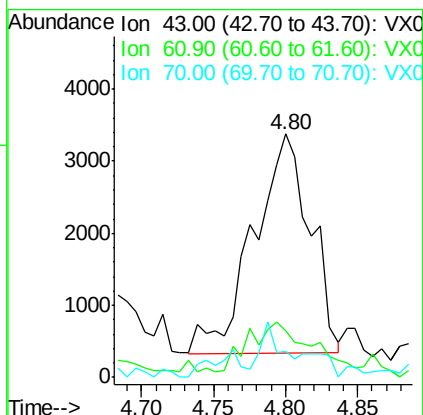
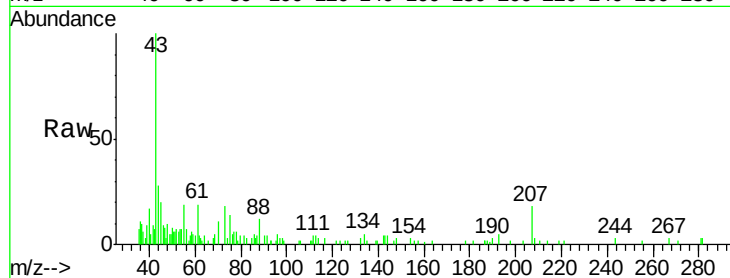




#37
Ethyl Acetate
Concen: 0.992 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

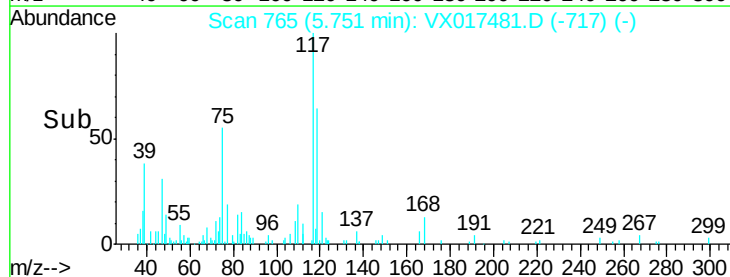
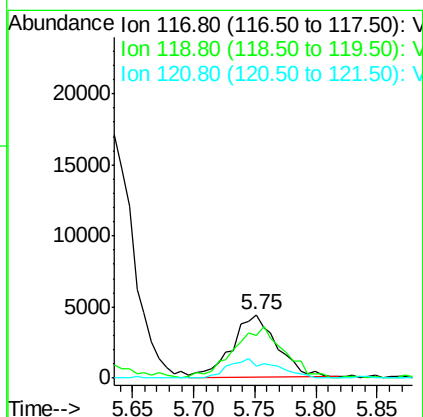
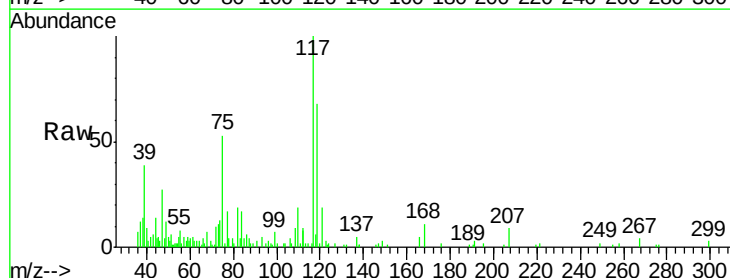
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

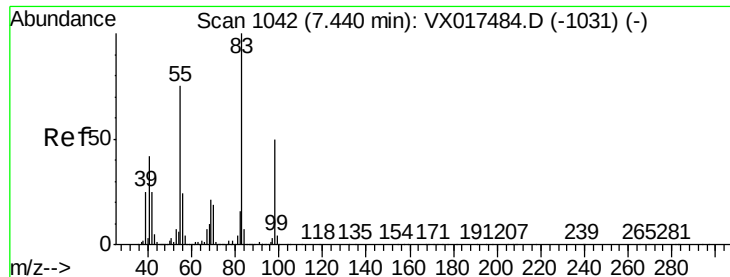
Tgt Ion: 43 Resp: 8349
Ion Ratio Lower Upper
43 100
61 24.0 11.0 16.4#
70 6.4 8.4 12.6#



#38
Carbon Tetrachloride
Concen: 1.197 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion: 117 Resp: 11084
Ion Ratio Lower Upper
117 100
119 71.6 76.7 115.1#
121 20.4 24.2 36.2#

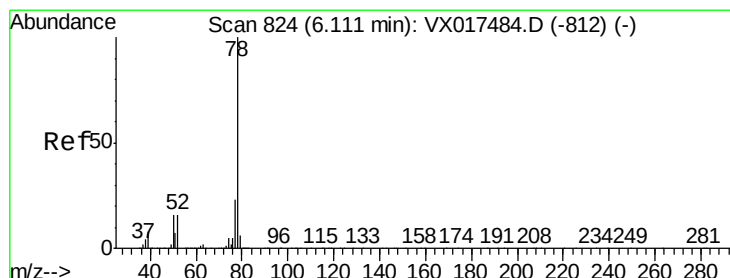
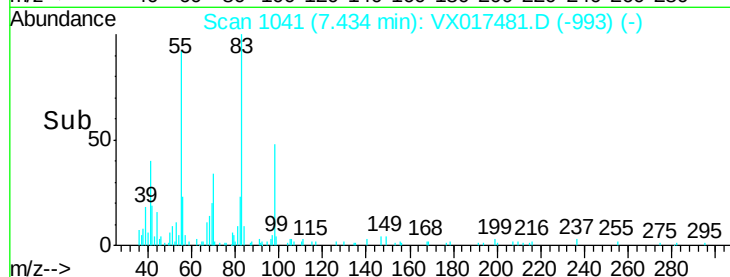
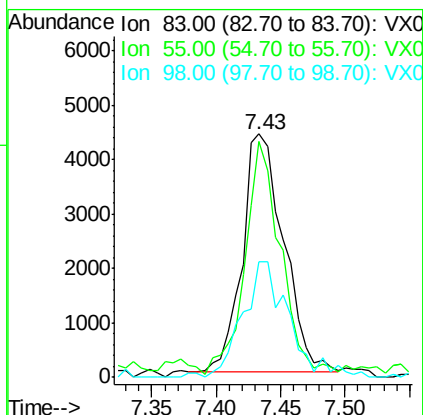
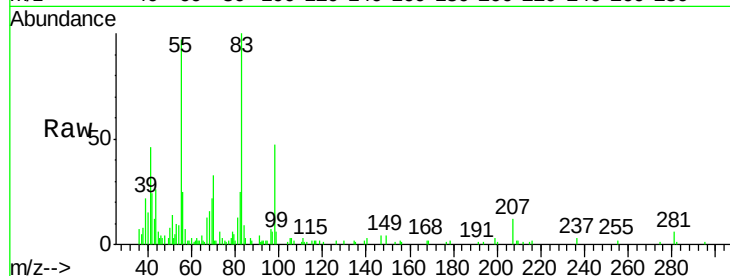




#39
Methylcyclohexane
Concen: 1.133 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

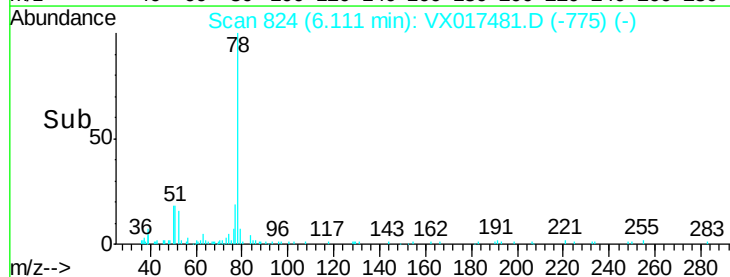
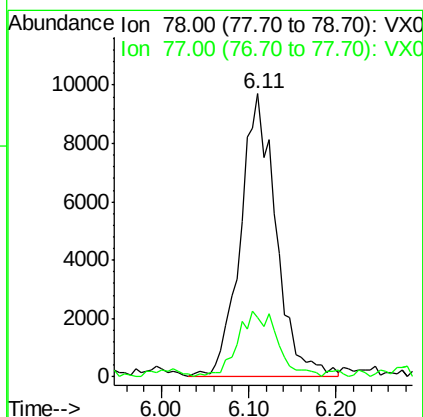
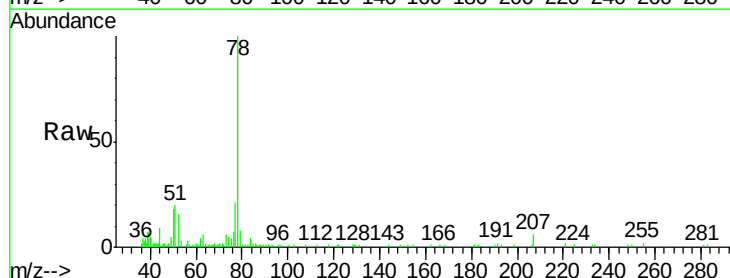
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

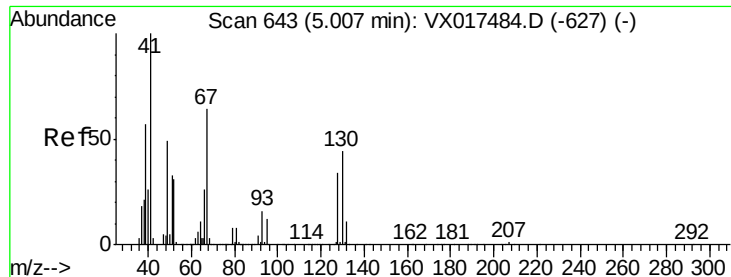
Tgt Ion: 83 Resp: 9714
Ion Ratio Lower Upper
83 100
55 97.2 60.2 90.2#
98 46.8 39.8 59.6



#40
Benzene
Concen: 1.209 ug/l
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion: 78 Resp: 27498
Ion Ratio Lower Upper
78 100
77 20.2 18.2 27.4

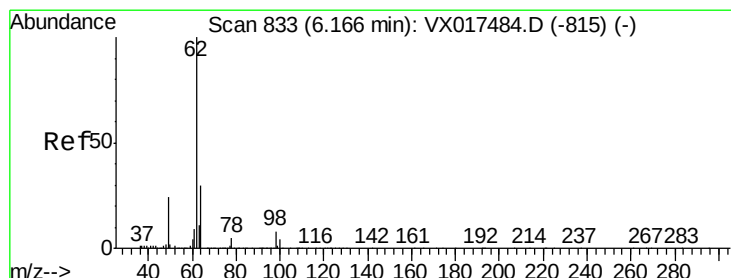
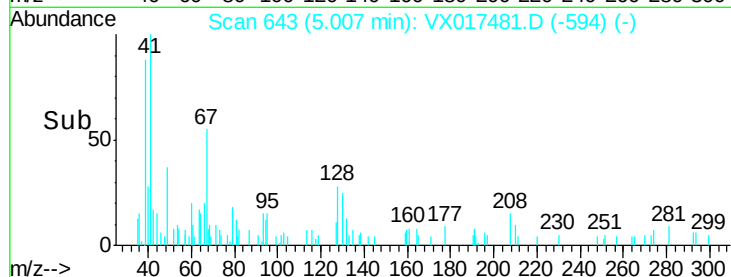
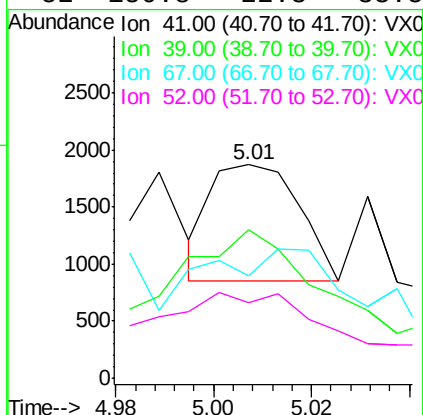
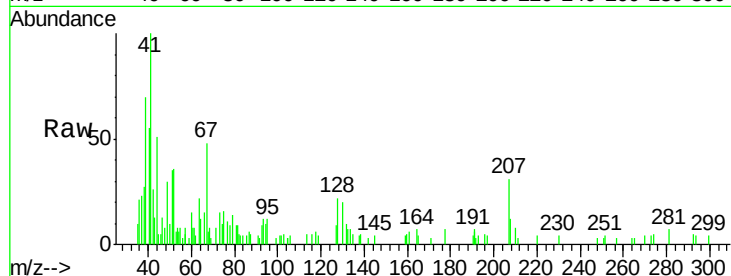




#41
Methacrylonitrile
Concen: 0.281 ug/l
RT: 5.01 min Scan# 643
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

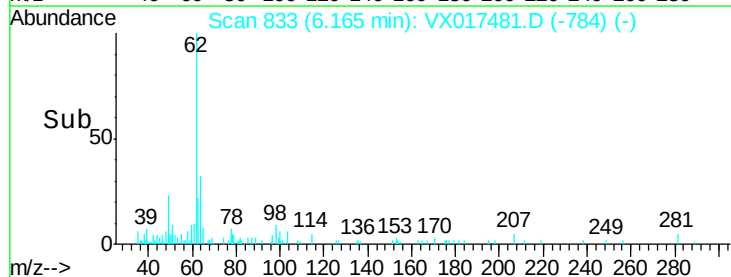
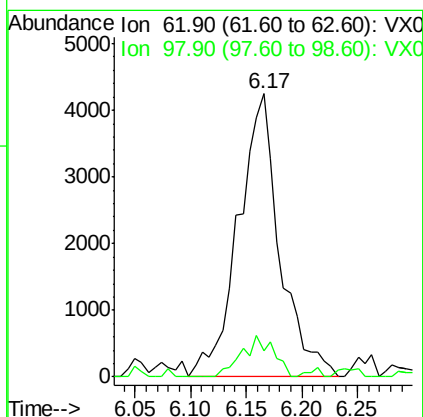
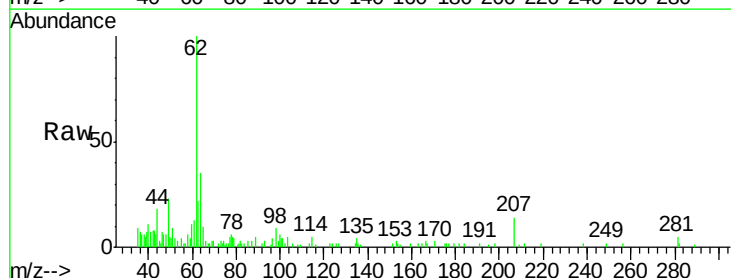
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

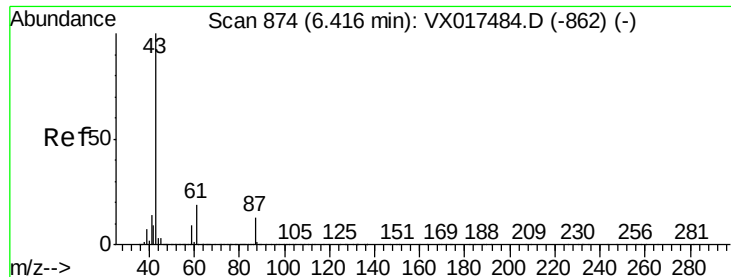
Tgt Ion:	41	Resp:	1263
Ion	Ratio	Lower	Upper
41	100		
39	302.5	44.0	66.0#
67	332.9	55.0	82.4#
52	150.8	22.3	33.5#



#42
1,2-Dichloroethane
Concen: 1.232 ug/l
RT: 6.17 min Scan# 833
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion:	62	Resp:	11006
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	15.6





#43

Isopropyl Acetate

Concen: 1.132 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

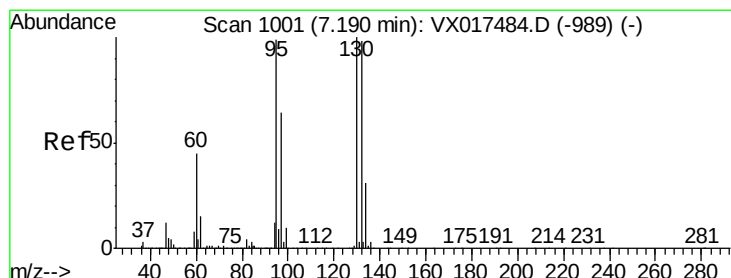
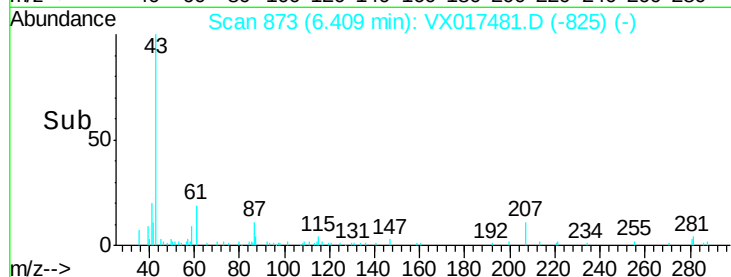
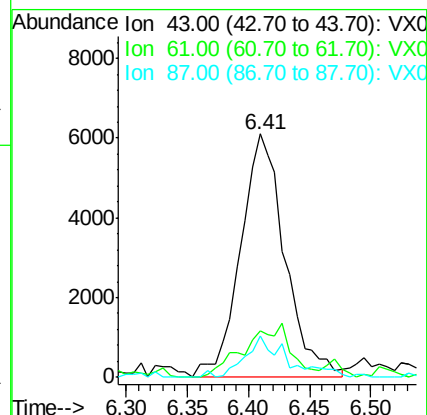
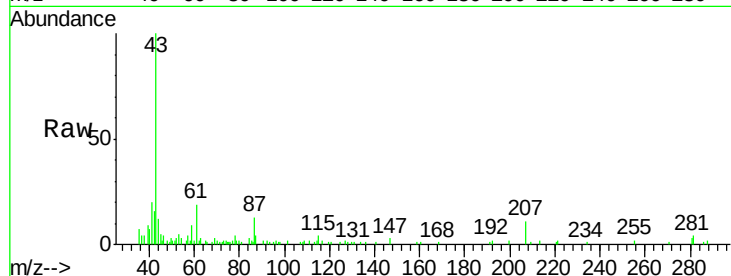
Tgt Ion: 43 Resp: 15428

Ion Ratio Lower Upper

43 100

61 23.1 15.6 23.4

87 15.7 10.4 15.6#



#44

Trichloroethene

Concen: 1.030 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX017481.D

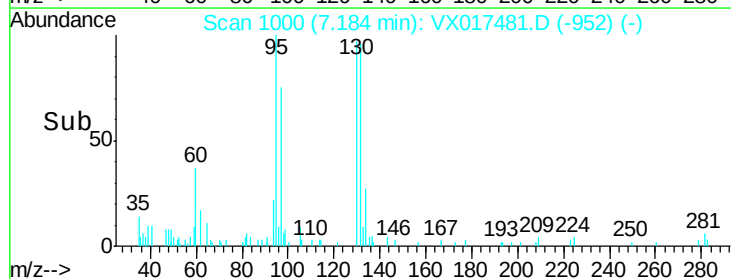
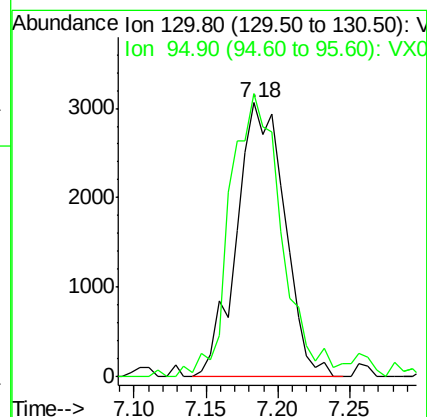
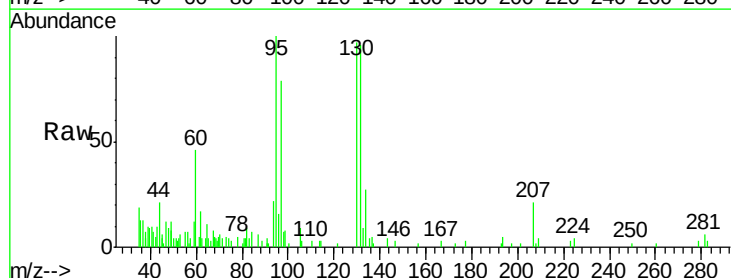
Acq: 23 Jul 2020 09:11

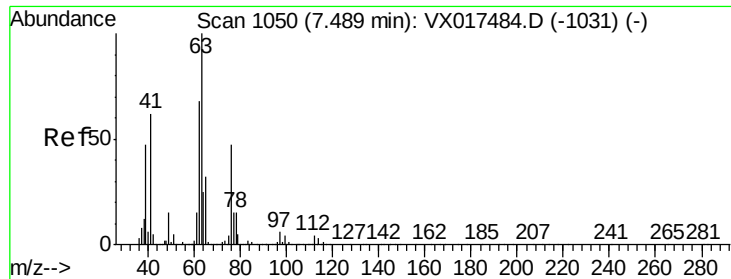
Tgt Ion: 130 Resp: 7082

Ion Ratio Lower Upper

130 100

95 101.6 0.0 198.4

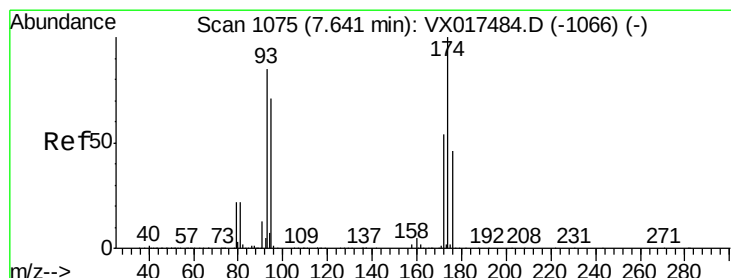
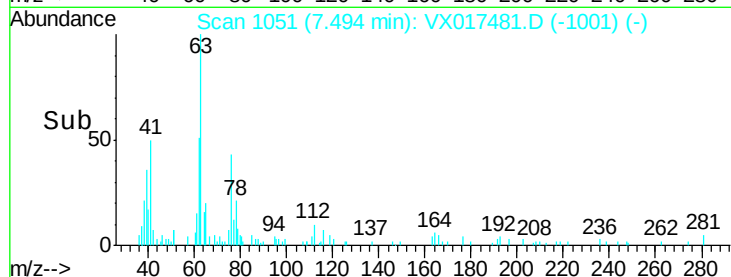
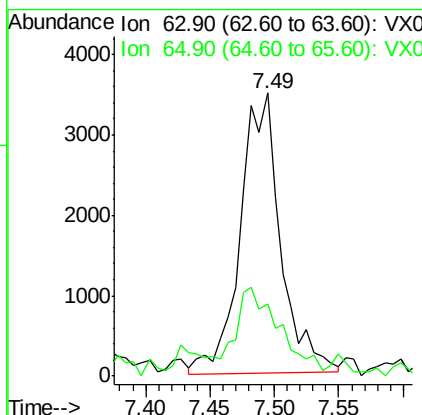
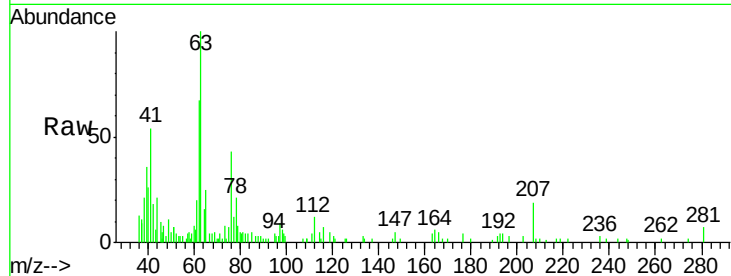




#45
 1,2-Dichloropropane
 Concen: 1.298 ug/l
 RT: 7.49 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

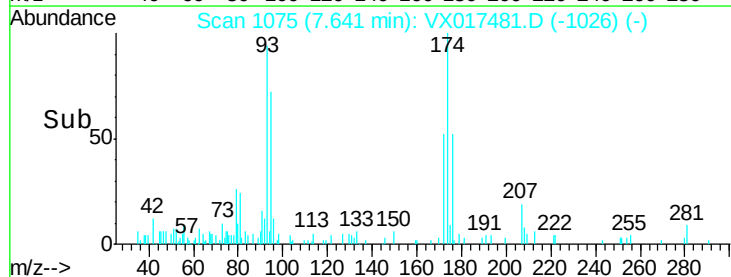
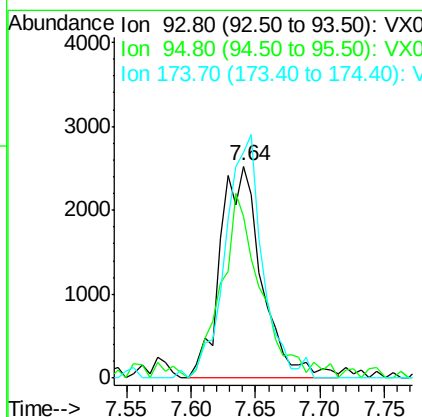
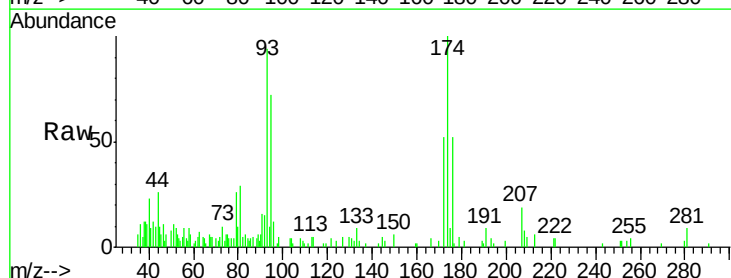
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

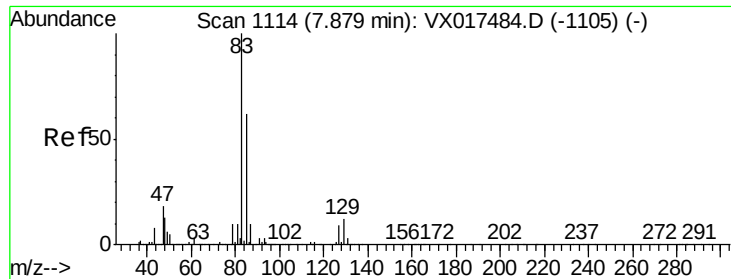
Tgt Ion: 63 Resp: 7551
 Ion Ratio Lower Upper
 63 100
 65 18.2 25.4 38.2#



#46
 Dibromomethane
 Concen: 1.370 ug/l
 RT: 7.64 min Scan# 1075
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion: 93 Resp: 5741
 Ion Ratio Lower Upper
 93 100
 95 79.7 65.7 98.5
 174 102.3 91.8 137.8





#47

Bromodichloromethane

Concen: 1.103 ug/l

RT: 7.88 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

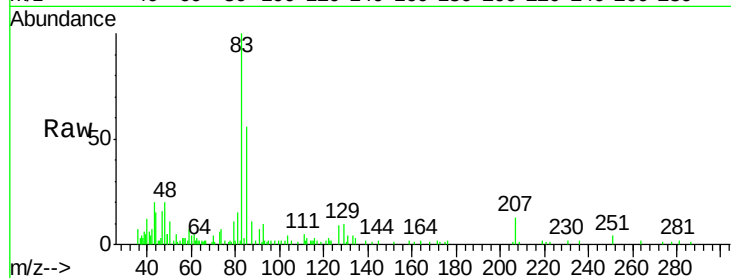
Tgt Ion: 83 Resp: 9657

Ion Ratio Lower Upper

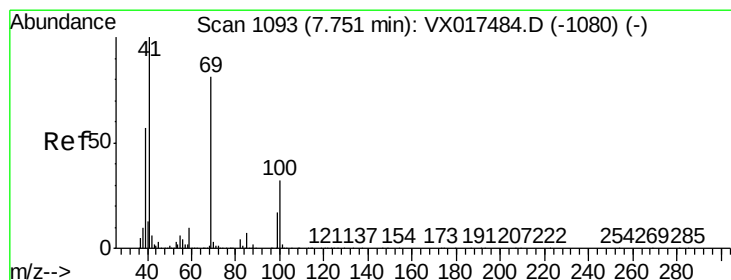
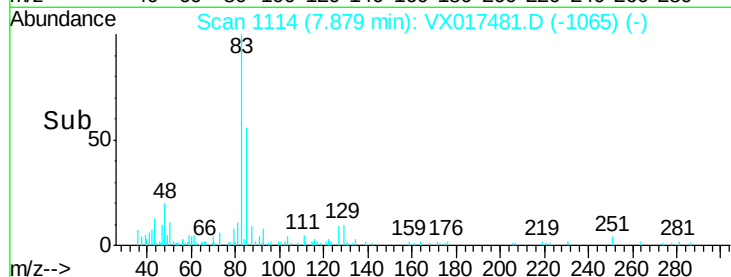
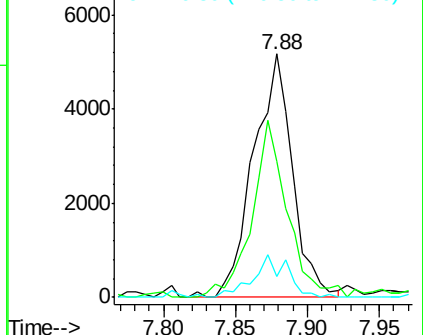
83 100

85 56.0 49.6 74.4

127 8.7 7.4 11.2



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: 1.125 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

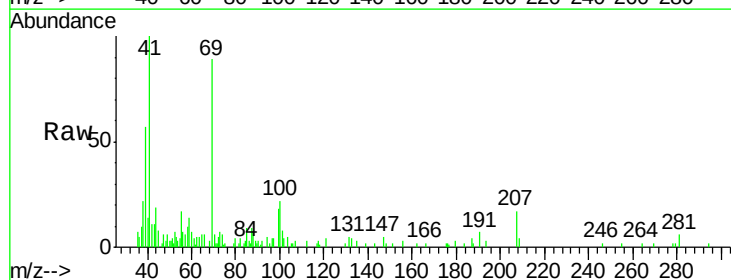
Tgt Ion: 41 Resp: 7155

Ion Ratio Lower Upper

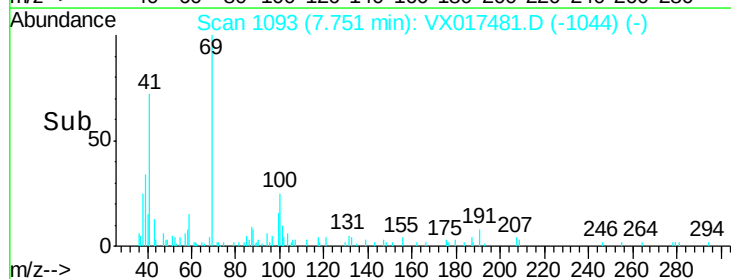
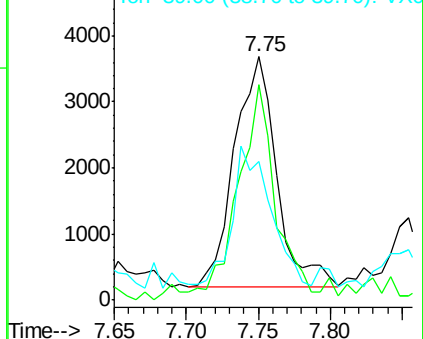
41 100

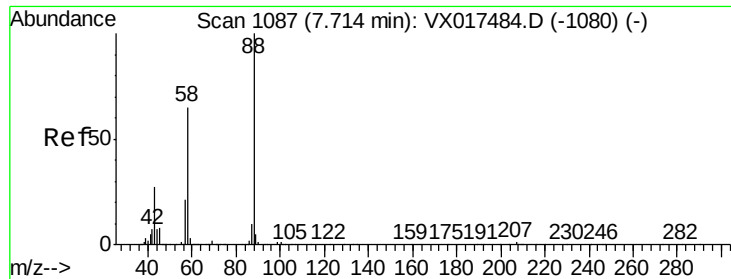
69 82.8 64.3 96.5

39 53.7 46.8 70.2



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: 20.188 ug/l

RT: 7.72 min Scan# 1088

Delta R.T. 0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

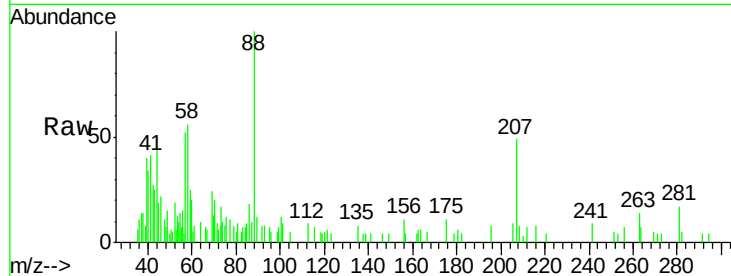
Tgt Ion: 88 Resp: 2587

Ion Ratio Lower Upper

88 100

43 35.3 27.3 40.9

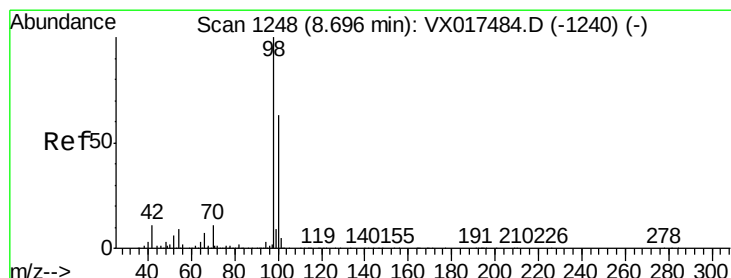
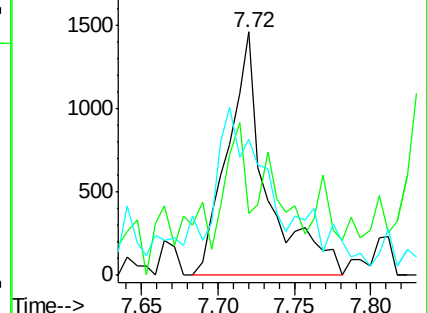
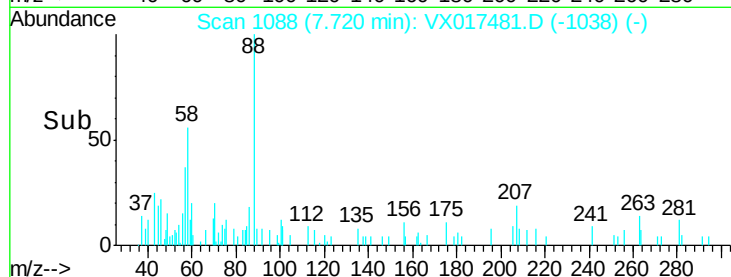
58 73.6 55.5 83.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 1.363 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX017481.D

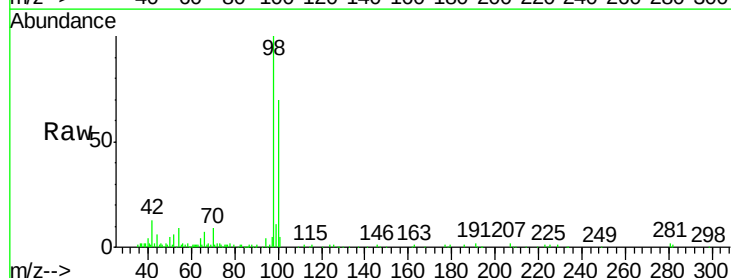
Acq: 23 Jul 2020 09:11

Tgt Ion: 98 Resp: 28538

Ion Ratio Lower Upper

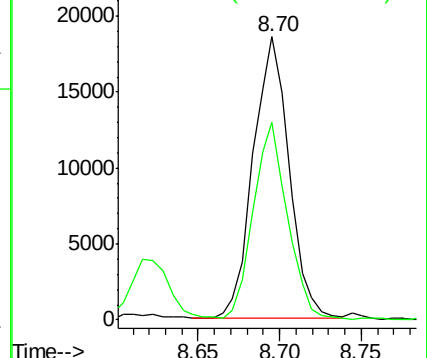
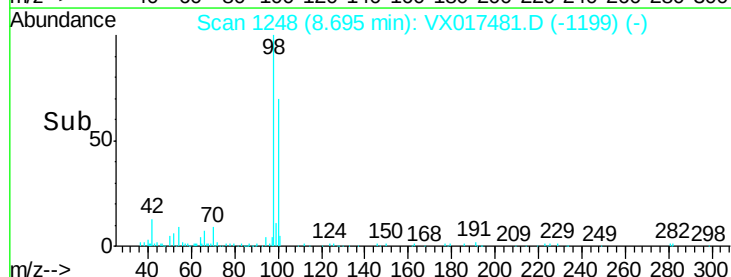
98 100

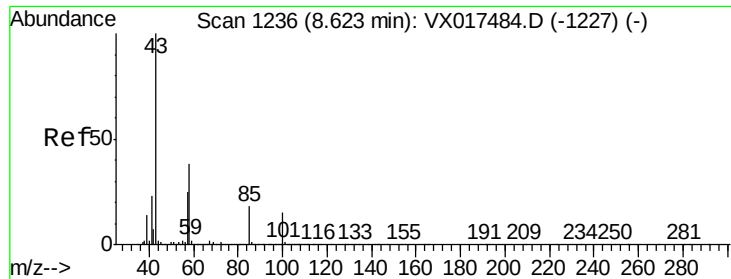
100 66.9 52.2 78.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

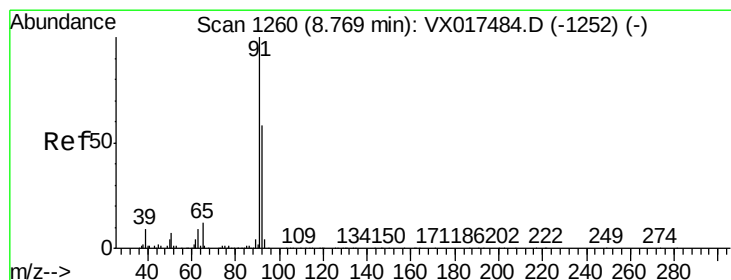
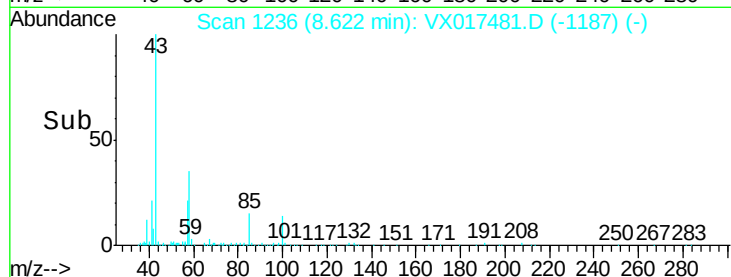
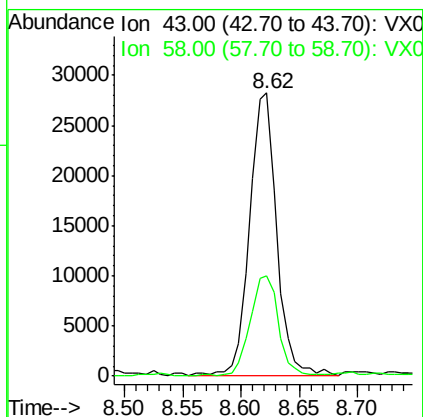
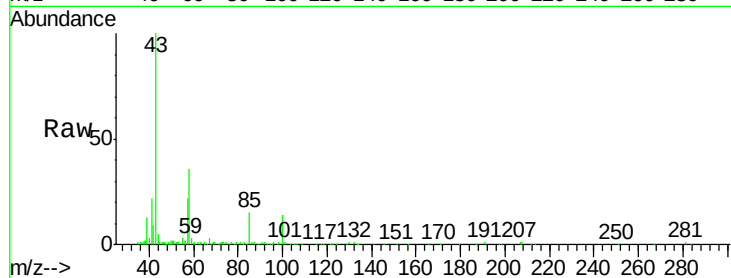




#51
 4-Methyl-2-Pentanone
 Concen: 5.705 ug/l
 RT: 8.62 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

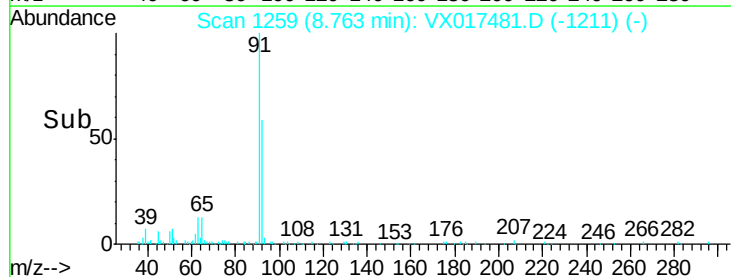
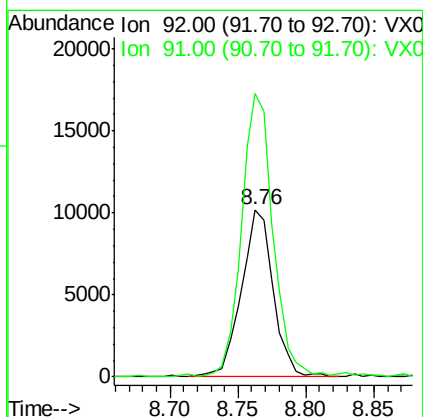
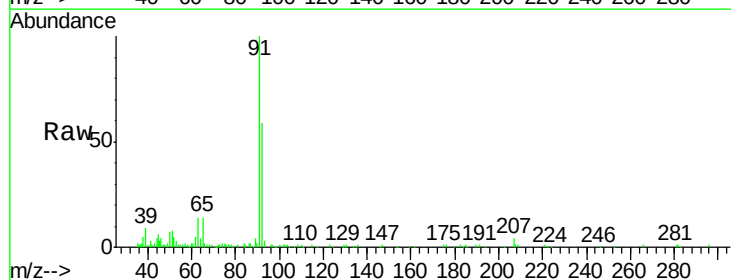
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

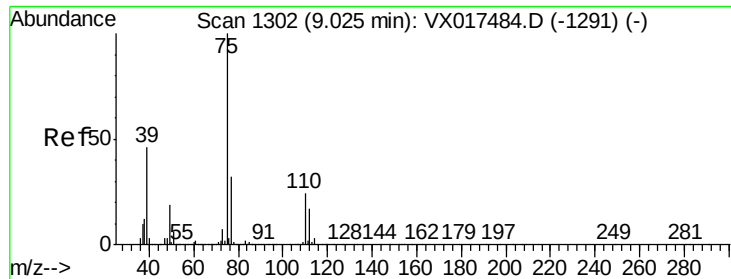
Tgt Ion: 43 Resp: 46455
 Ion Ratio Lower Upper
 43 100
 58 36.4 30.6 46.0



#52
 Toluene
 Concen: 1.151 ug/l
 RT: 8.76 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion: 92 Resp: 16682
 Ion Ratio Lower Upper
 92 100
 91 167.1 138.5 207.7

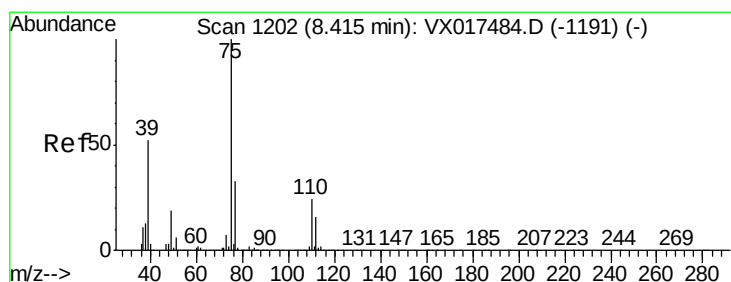
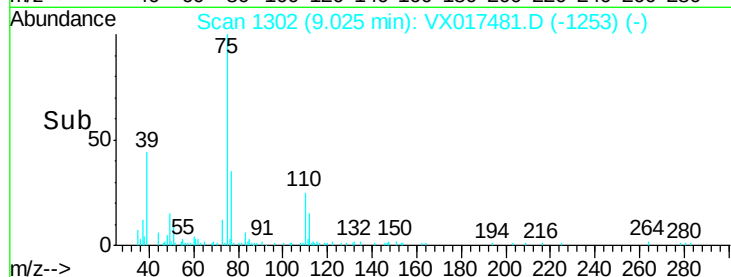
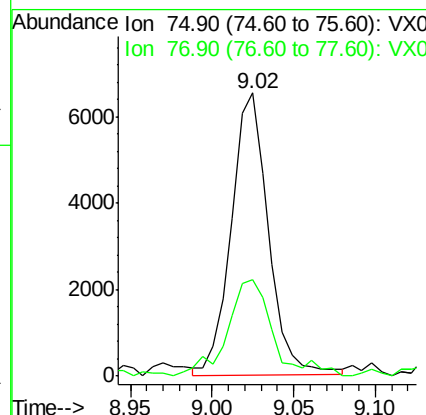
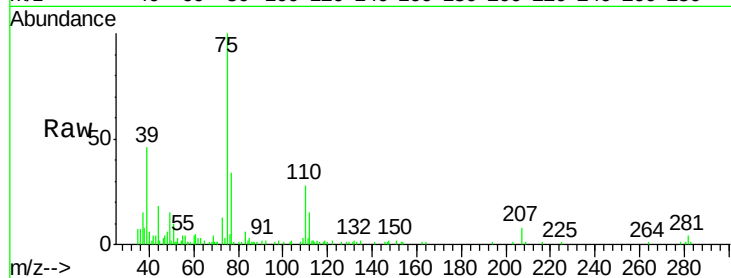




#53
t-1,3-Dichloropropene
Concen: 1.072 ug/l
RT: 9.02 min Scan# 1302
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

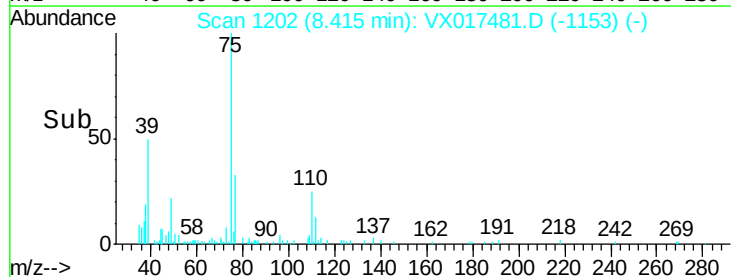
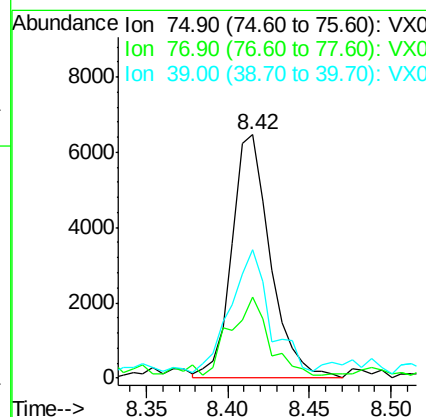
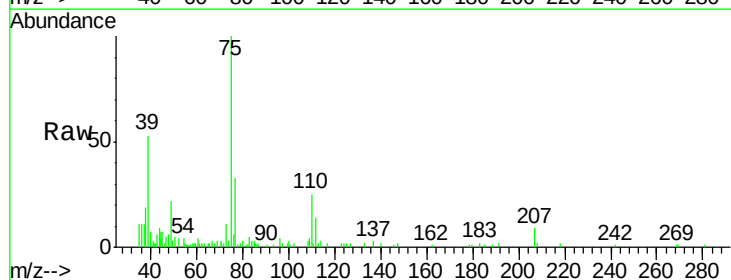
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

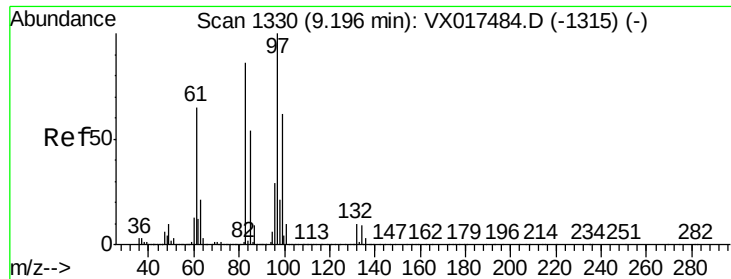
Tgt Ion: 75 Resp: 10271
Ion Ratio Lower Upper
75 100
77 35.1 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 1.056 ug/l
RT: 8.42 min Scan# 1202
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion: 75 Resp: 10632
Ion Ratio Lower Upper
75 100
77 31.2 26.6 39.8
39 50.7 41.1 61.7





#55

1,1,2-Trichloroethane

Concen: 1.157 ug/l

RT: 9.20 min Scan# 1330

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 7070

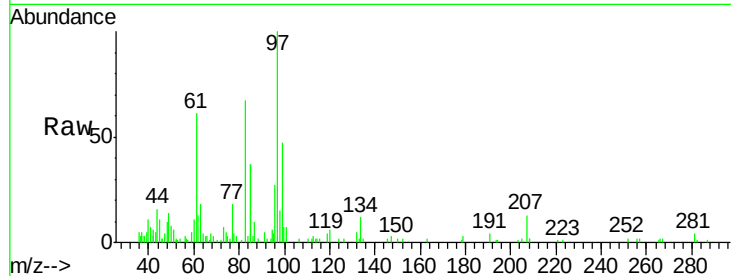
Ion Ratio Lower Upper

97 100

83 65.8 68.9 103.3#

85 74.6 43.6 65.4#

99 44.1 49.5 74.3#

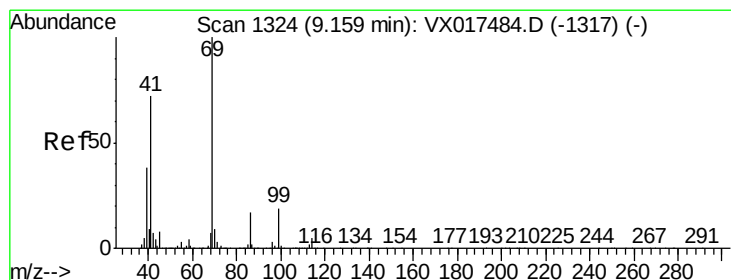
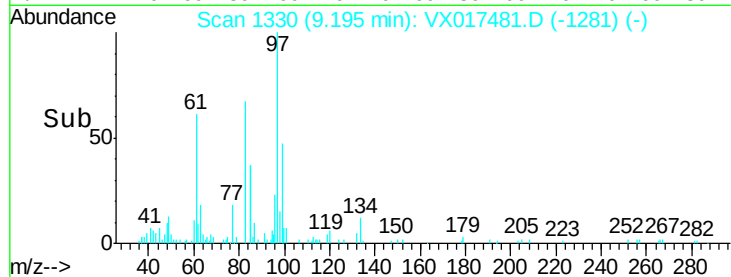
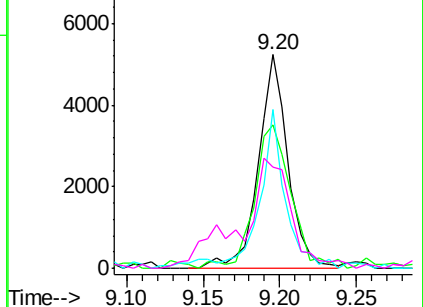


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 1.066 ug/l

RT: 9.16 min Scan# 1324

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

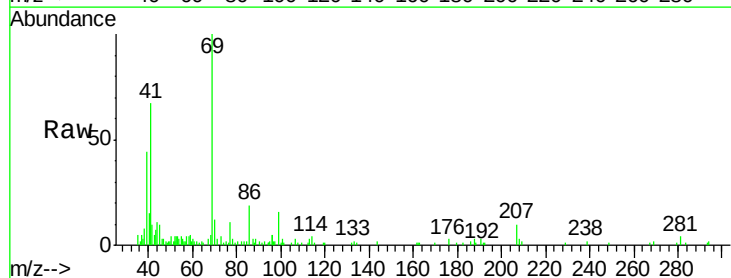
Tgt Ion: 69 Resp: 9359

Ion Ratio Lower Upper

69 100

41 65.3 55.5 83.3

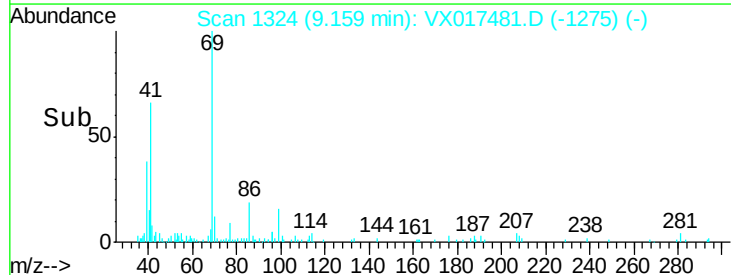
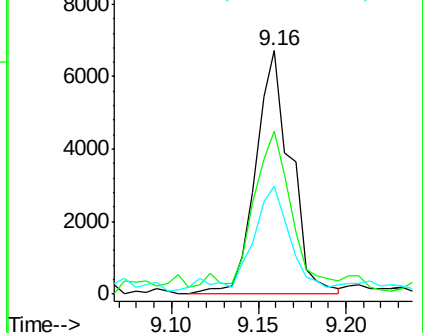
39 48.5 30.4 45.6#

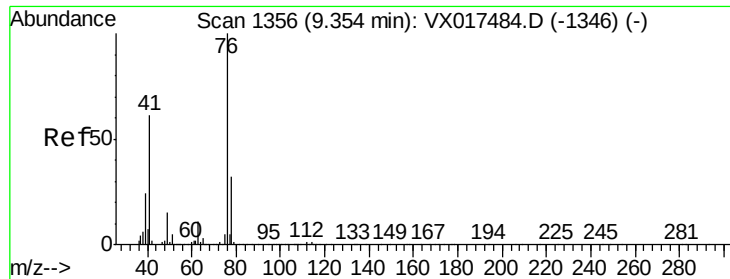


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

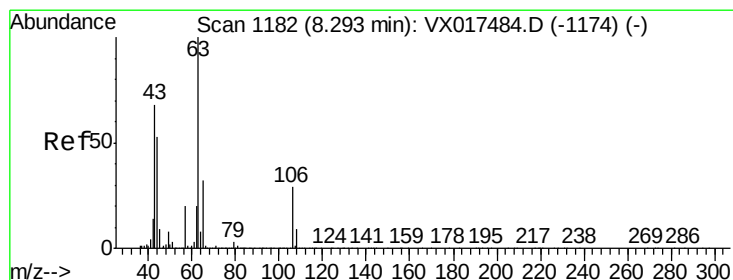
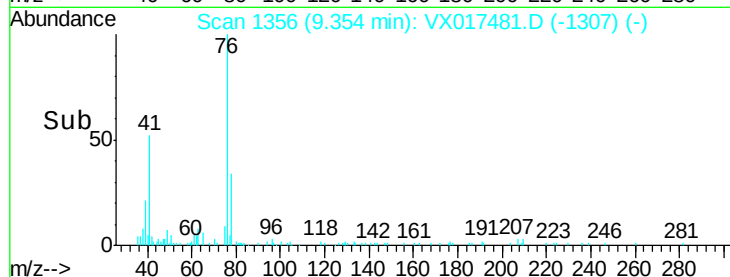
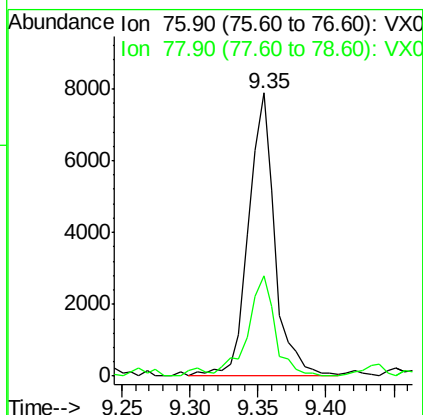
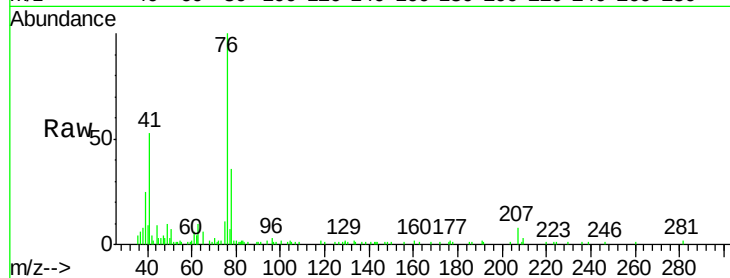




#57
1,3-Dichloropropane
Concen: 1.056 ug/l
RT: 9.35 min Scan# 1356
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

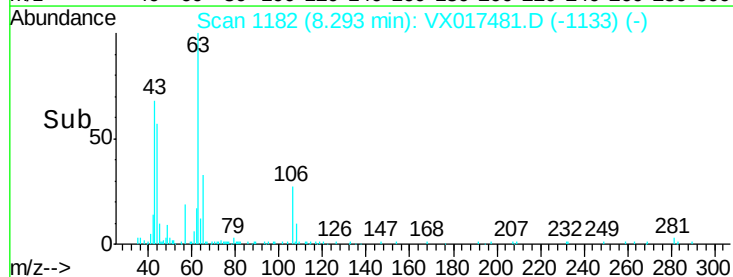
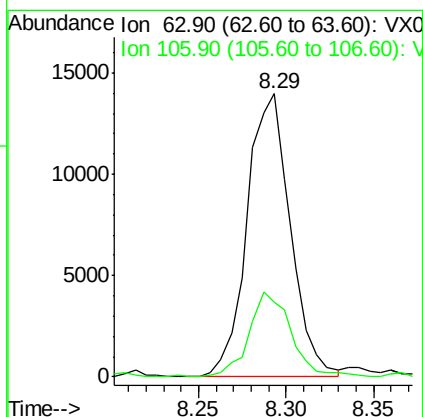
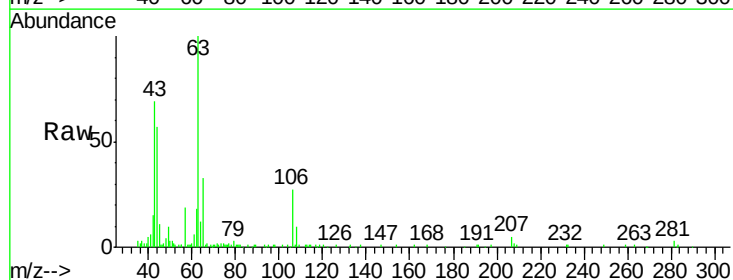
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC001

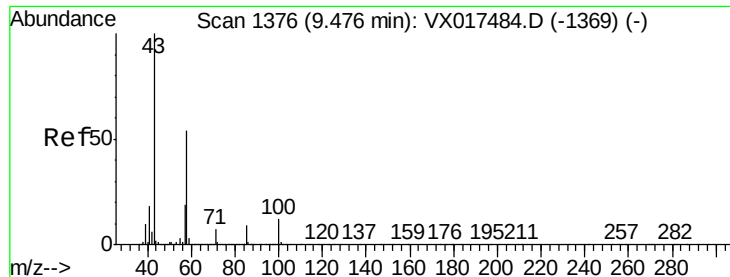
Tgt Ion: 76 Resp: 10743
Ion Ratio Lower Upper
76 100
78 36.4 25.7 38.5



#58
2-Chloroethyl Vinyl ether
Concen: 5.404 ug/l
RT: 8.29 min Scan# 1182
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion: 63 Resp: 24049
Ion Ratio Lower Upper
63 100
106 29.6 22.8 34.2

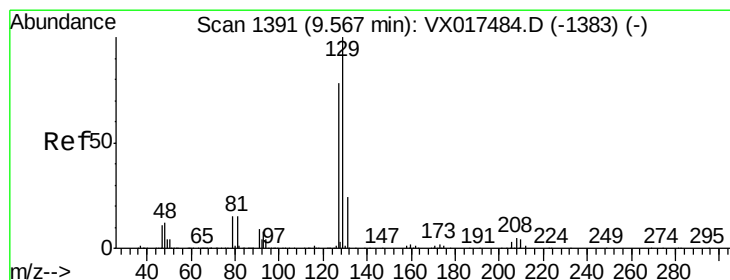
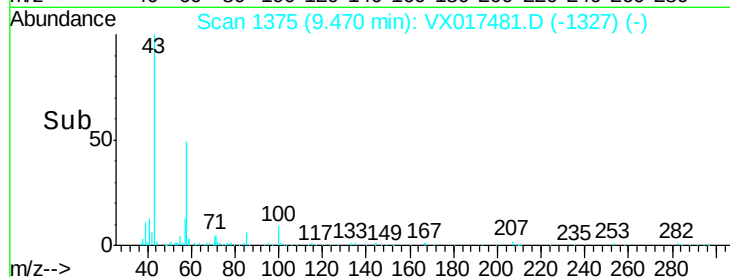
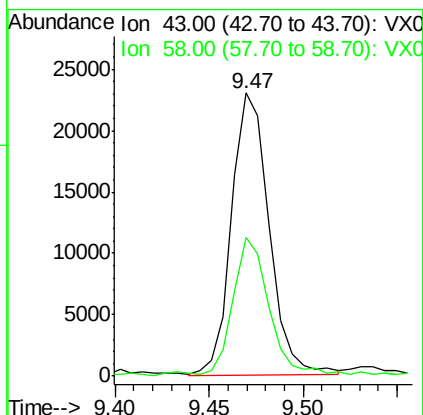
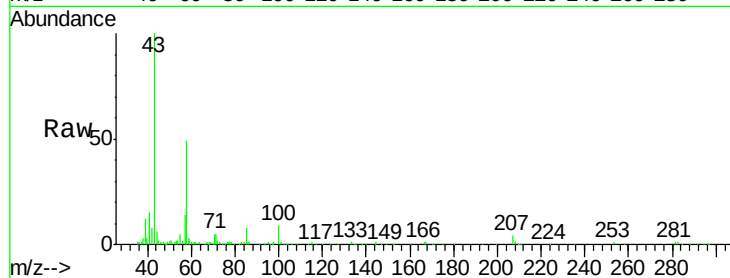




#59
2-Hexanone
Concen: 5.176 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

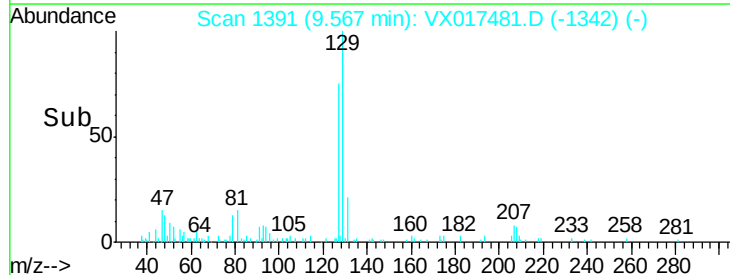
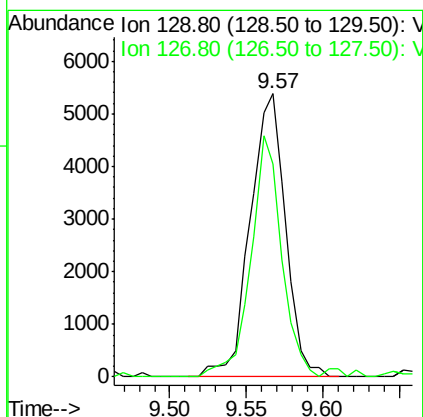
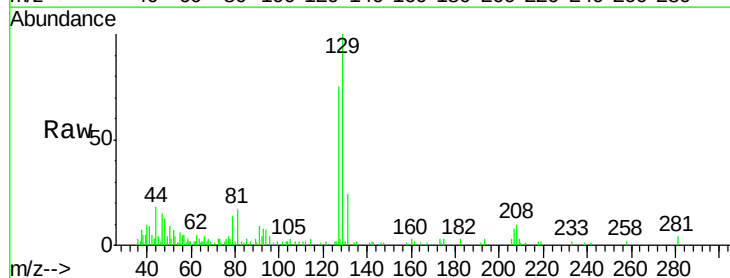
Instrument :
MSVOA_X
ClientSampled :
VSTDIC001

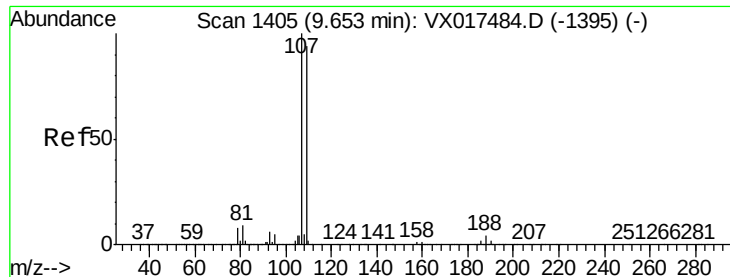
Tgt Ion: 43 Resp: 31963
Ion Ratio Lower Upper
43 100
58 45.5 26.3 78.8



#60
Dibromochloromethane
Concen: 1.155 ug/l
RT: 9.57 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion: 129 Resp: 8667
Ion Ratio Lower Upper
129 100
127 73.7 38.6 115.7





#61

1,2-Dibromoethane

Concen: 0.978 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

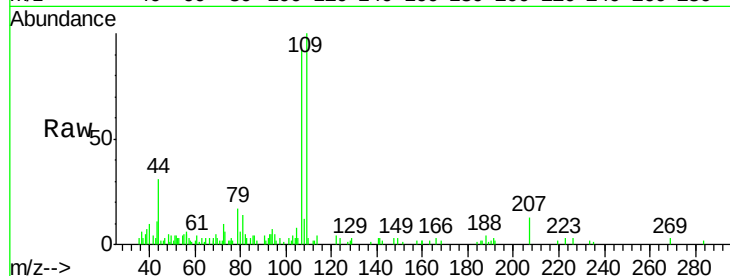
VSTDIC001

Tgt Ion: 107 Resp: 6510

Ion Ratio Lower Upper

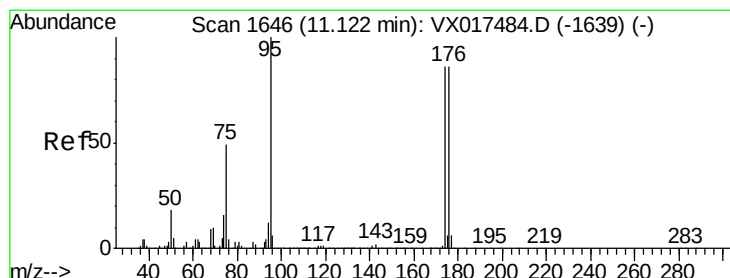
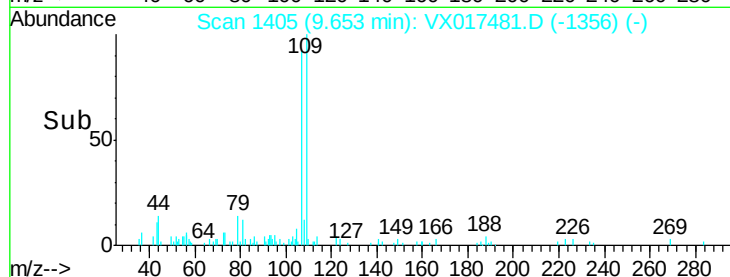
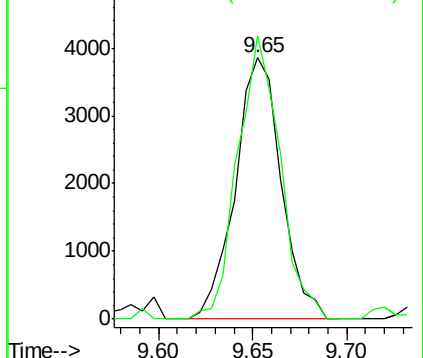
107 100

109 100.2 75.0 112.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 1.126 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

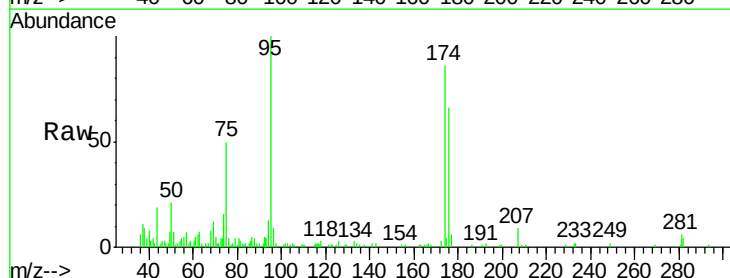
Tgt Ion: 95 Resp: 9266

Ion Ratio Lower Upper

95 100

174 78.2 0.0 169.2

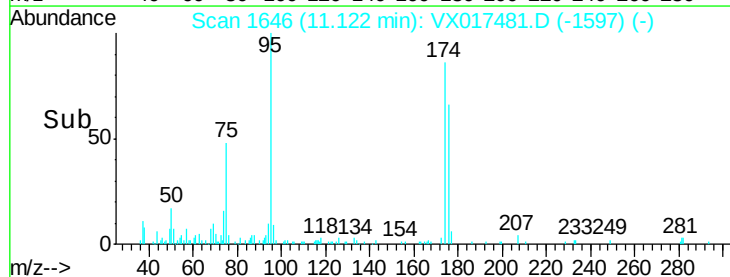
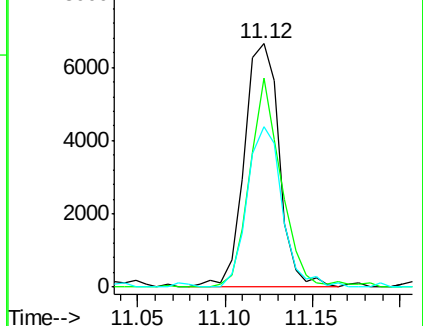
176 66.2 0.0 167.2

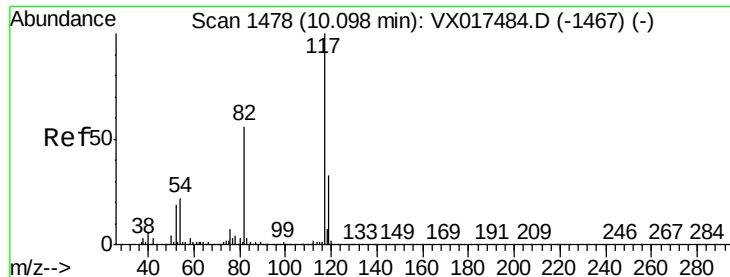


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

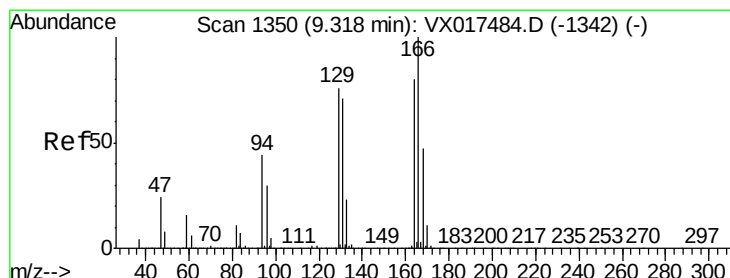
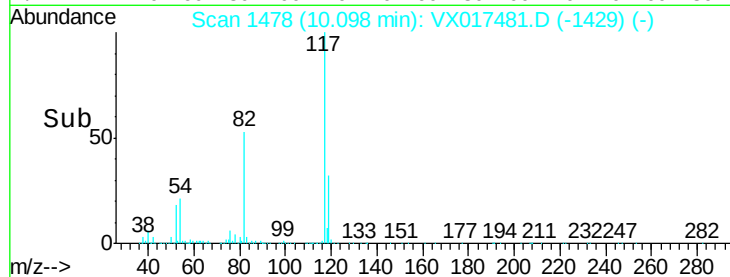
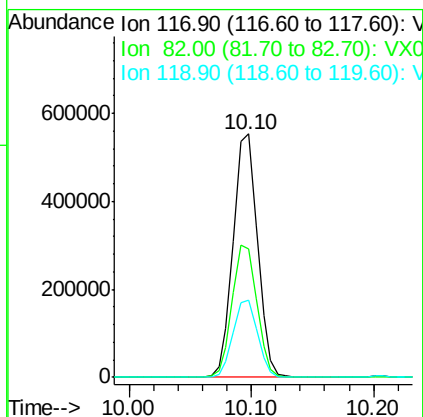
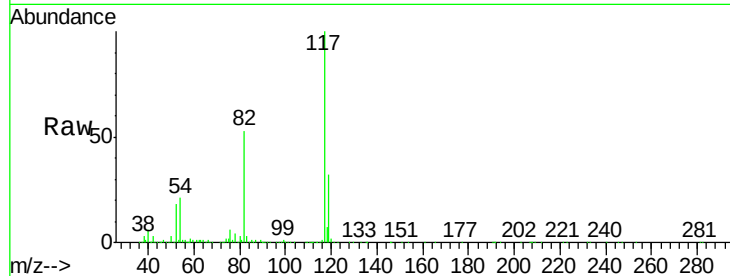




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

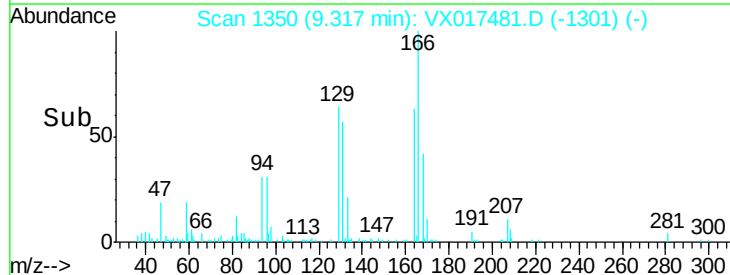
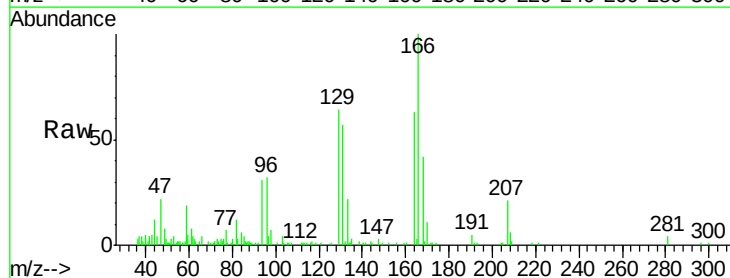
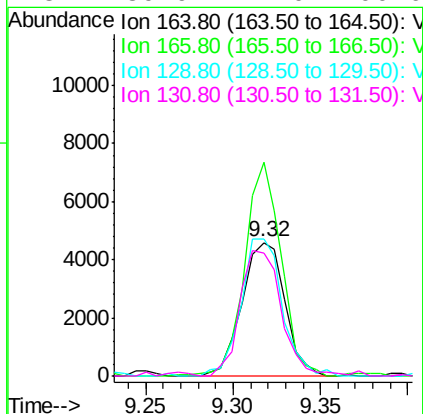
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

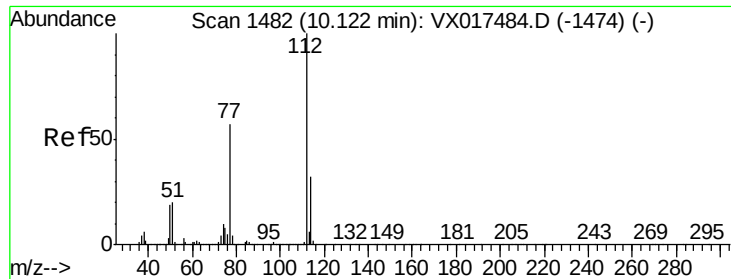
Tgt Ion:117 Resp: 759572
Ion Ratio Lower Upper
117 100
82 52.8 44.6 66.8
119 31.8 26.6 39.8



#64
Tetrachloroethene
Concen: 1.190 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion:164 Resp: 7821
Ion Ratio Lower Upper
164 100
166 159.8 100.2 150.4#
129 102.7 75.8 113.6
131 89.9 71.0 106.6





#65

Chlorobenzene

Concen: 1.117 ug/l

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampled :

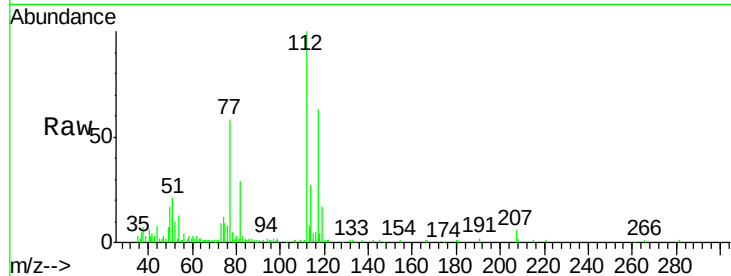
VSTDIC001

Tgt Ion:112 Resp: 17385

Ion Ratio Lower Upper

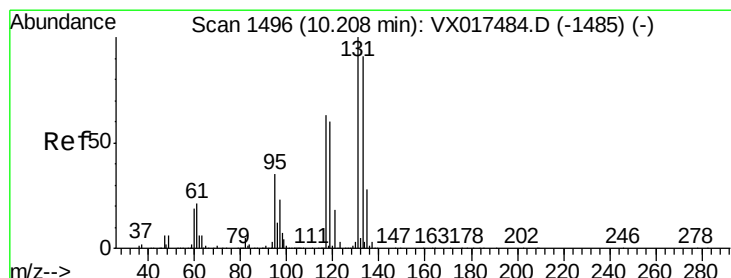
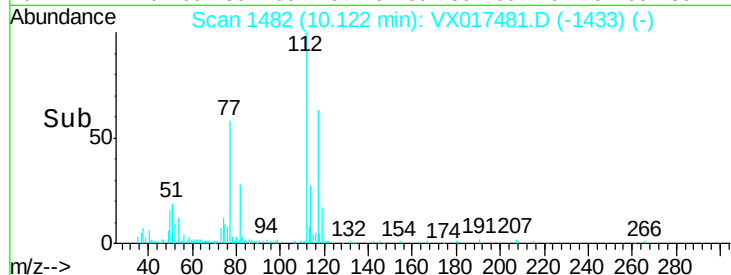
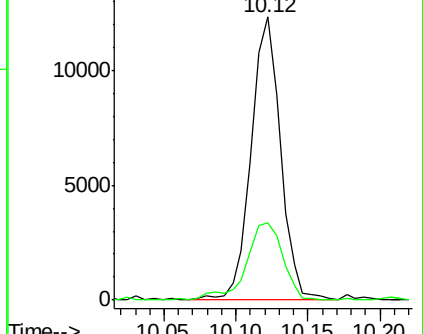
112 100

114 27.5 25.8 38.8



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 1.216 ug/l

RT: 10.20 min Scan# 1495

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

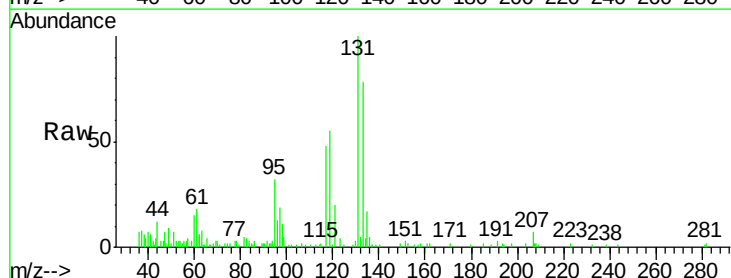
Tgt Ion:131 Resp: 7530

Ion Ratio Lower Upper

131 100

133 99.4 46.9 140.7

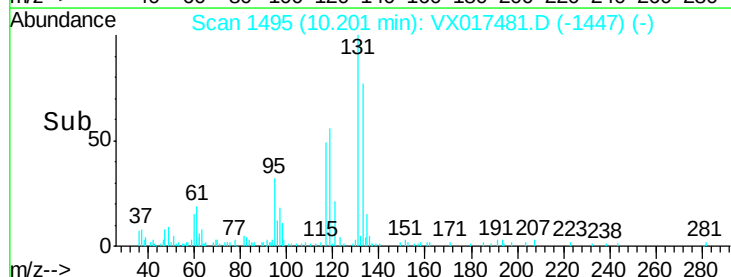
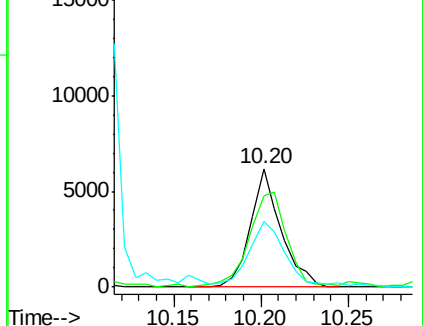
119 0.0 30.9 92.8#

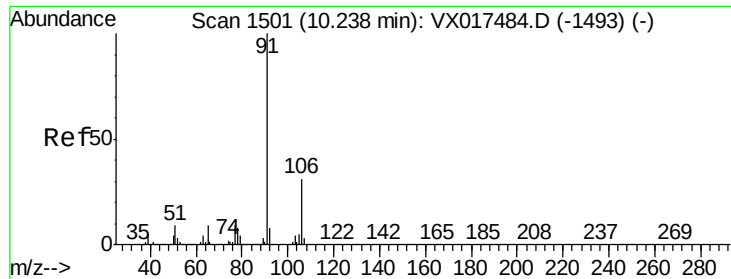


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 1.034 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

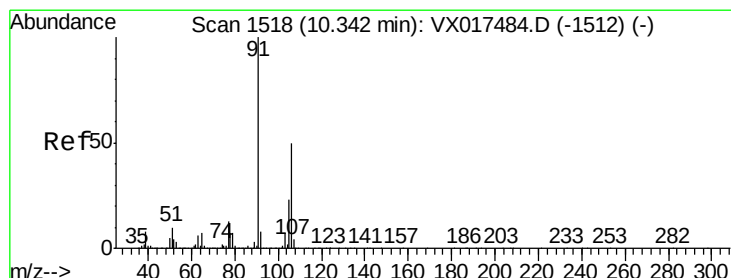
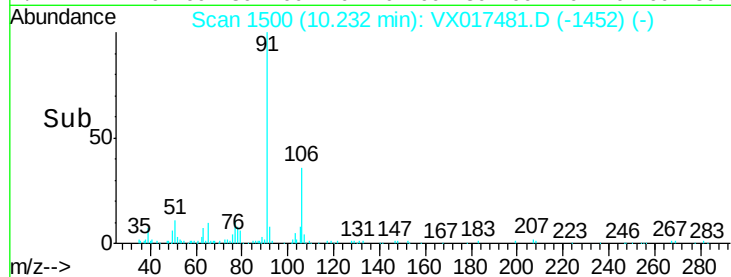
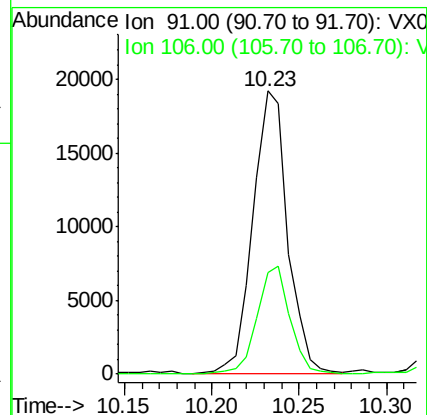
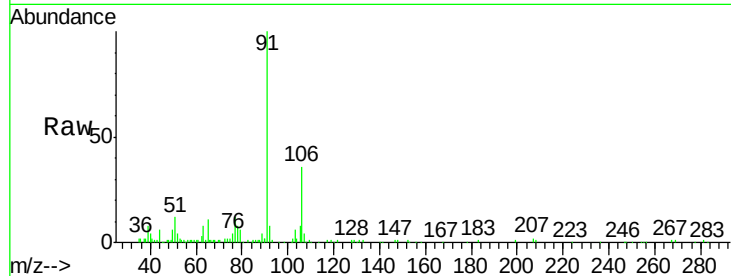
VSTDIC001

Tgt Ion: 91 Resp: 26677

Ion Ratio Lower Upper

91 100

106 35.7 25.1 37.7



#68

m/p-Xylenes

Concen: 2.103 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017481.D

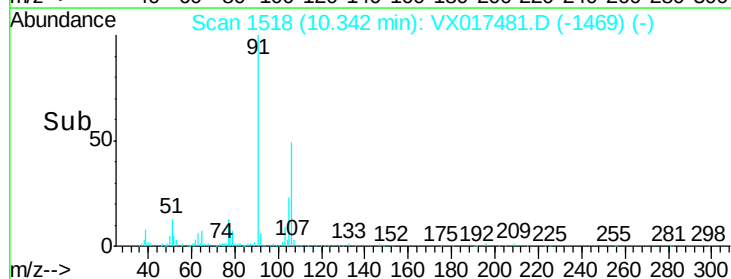
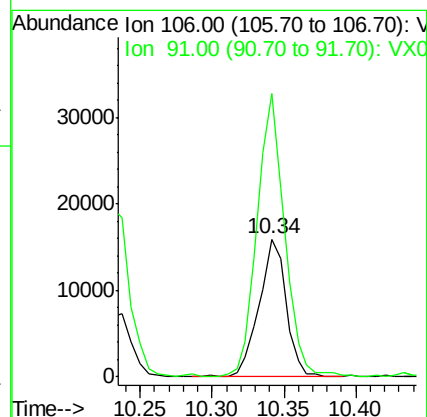
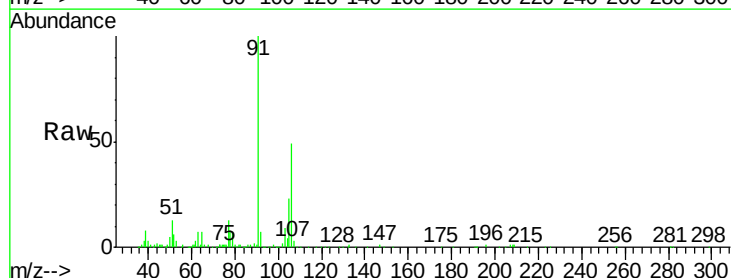
Acq: 23 Jul 2020 09:11

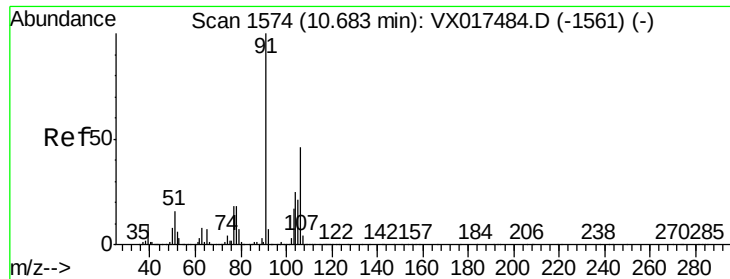
Tgt Ion: 106 Resp: 20728

Ion Ratio Lower Upper

106 100

91 205.7 163.4 245.2

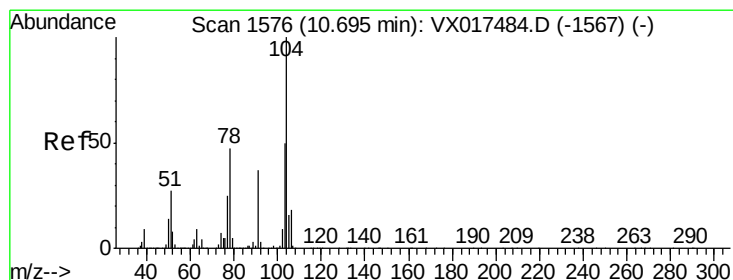
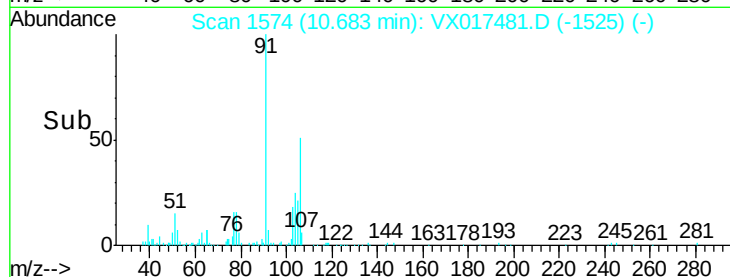
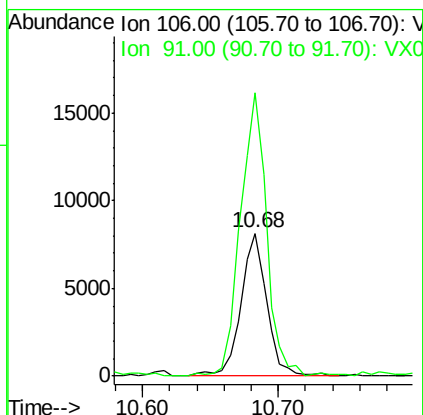
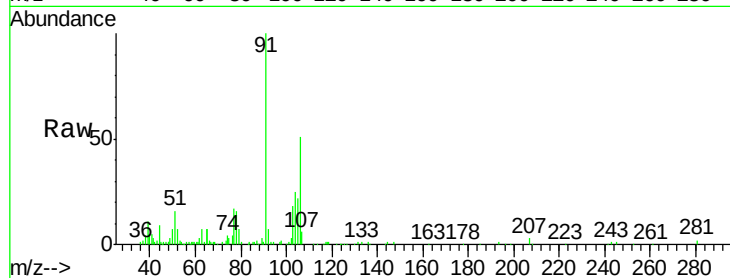




#69
o-Xylene
Concen: 1.151 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

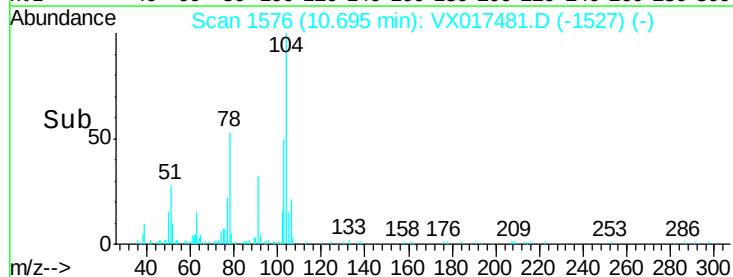
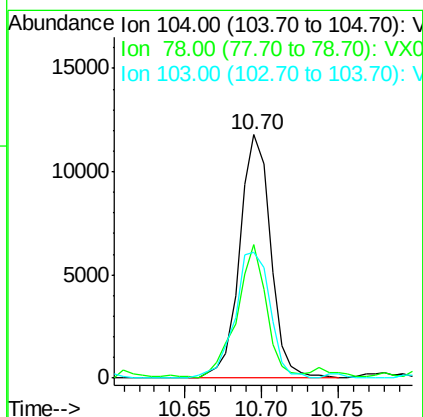
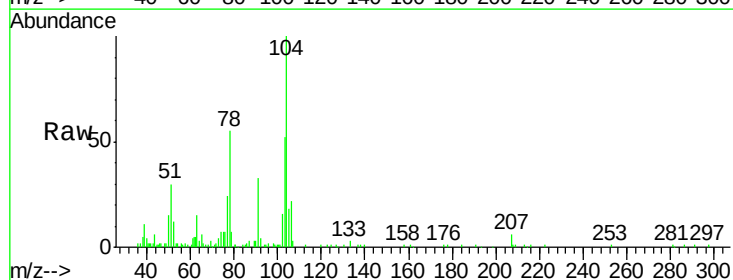
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

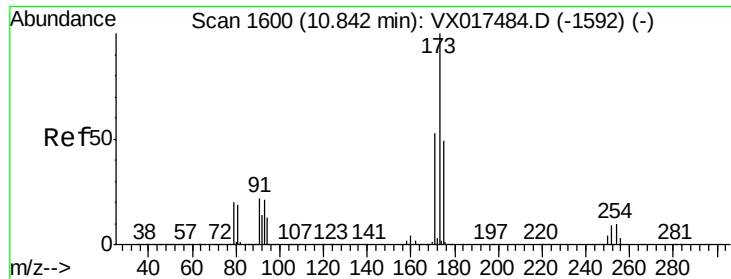
Tgt Ion:106 Resp: 10838
Ion Ratio Lower Upper
106 100
91 200.1 107.6 322.8



#70
Styrene
Concen: 1.025 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion:104 Resp: 16600
Ion Ratio Lower Upper
104 100
78 52.5 41.4 62.2
103 59.0 43.5 65.3





#71

Bromoform

Concen: 1.123 ug/l

RT: 10.84 min Scan# 1599

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

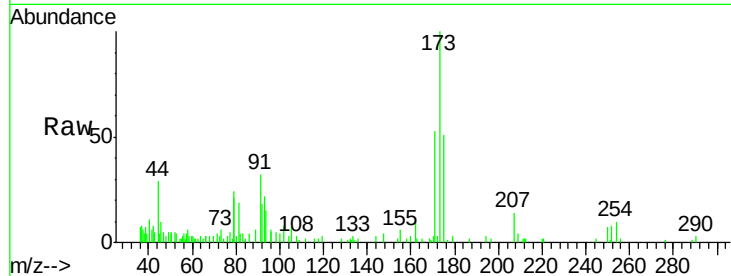
Tgt Ion:173 Resp: 5918

Ion Ratio Lower Upper

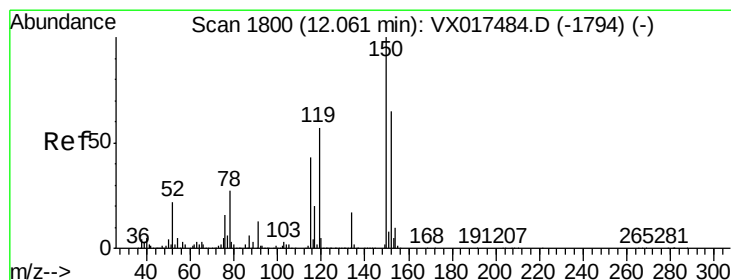
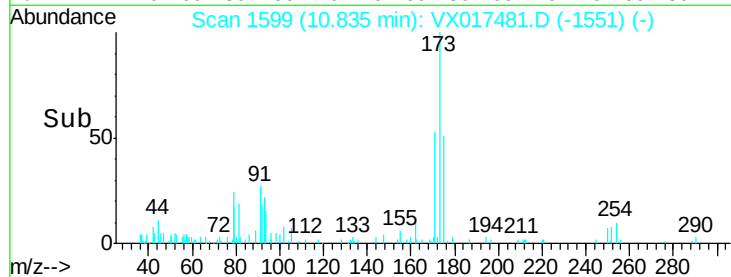
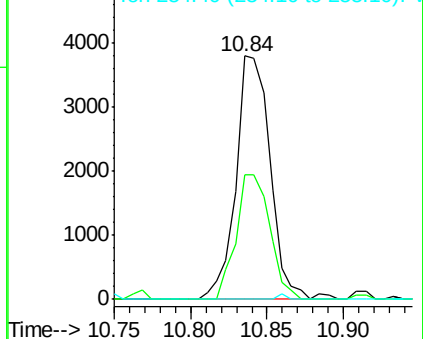
173 100

175 50.2 24.6 73.6

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

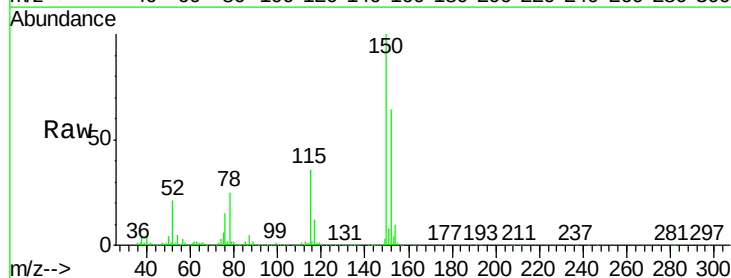
Tgt Ion:152 Resp: 385566

Ion Ratio Lower Upper

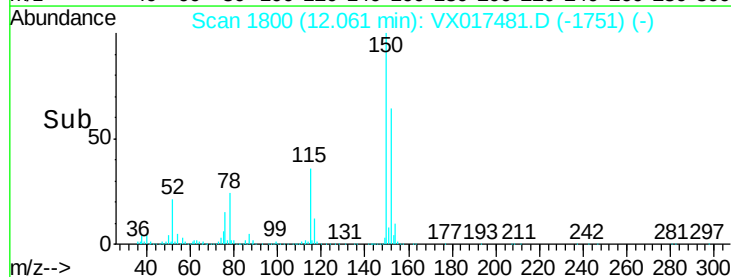
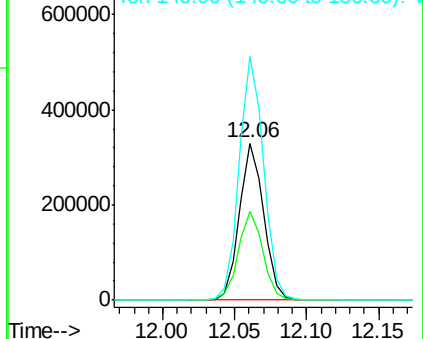
152 100

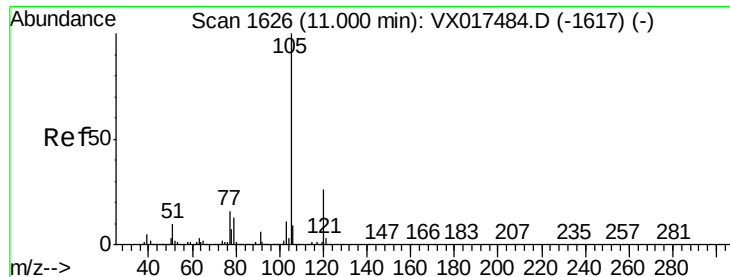
115 57.3 41.9 125.6

150 156.7 0.0 348.6



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: 1.051 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

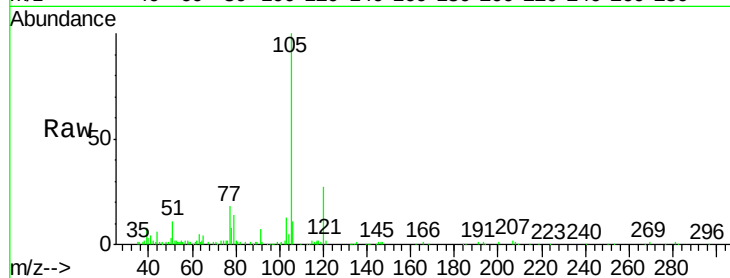
VSTDIC001

Tgt Ion:105 Resp: 25540

Ion Ratio Lower Upper

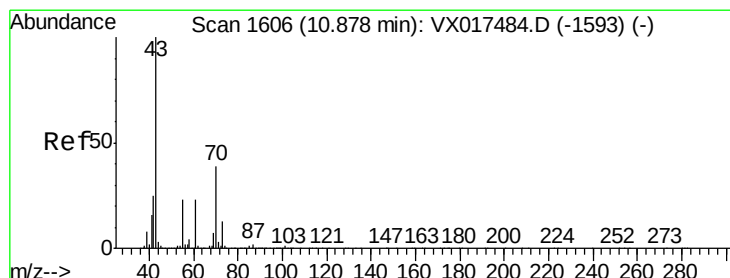
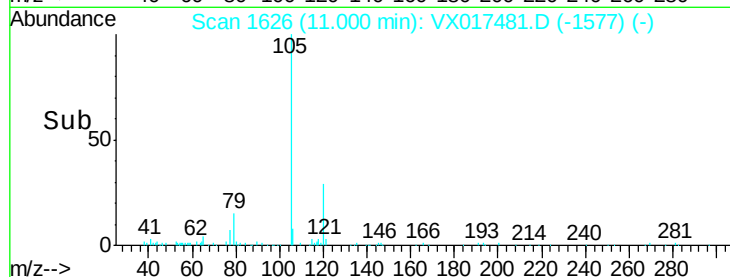
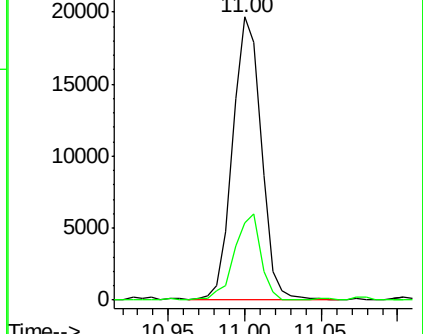
105 100

120 28.2 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 1.035 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Tgt Ion: 43 Resp: 10382

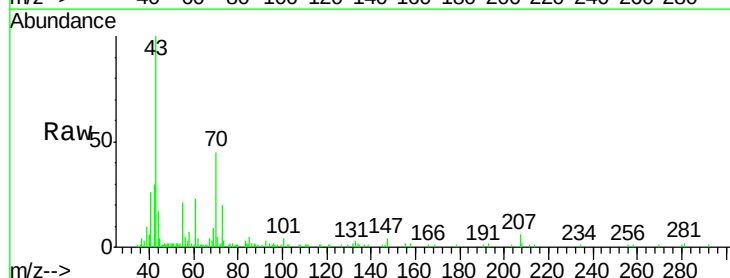
Ion Ratio Lower Upper

43 100

70 49.2 32.2 48.2#

55 27.0 18.6 27.8

61 28.6 18.9 28.3#

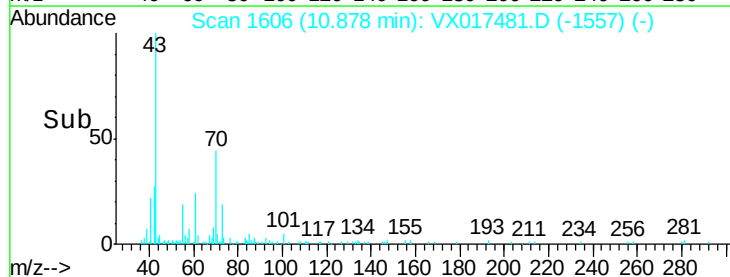
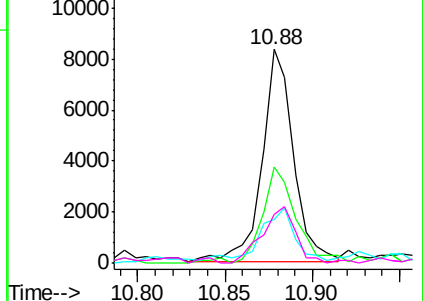


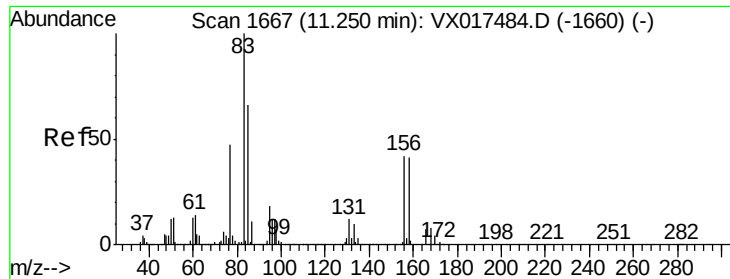
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 1.217 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

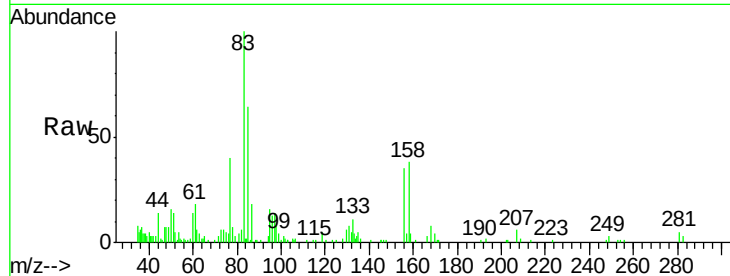
Tgt Ion: 83 Resp: 9022

Ion Ratio Lower Upper

83 100

131 15.1 5.9 17.6

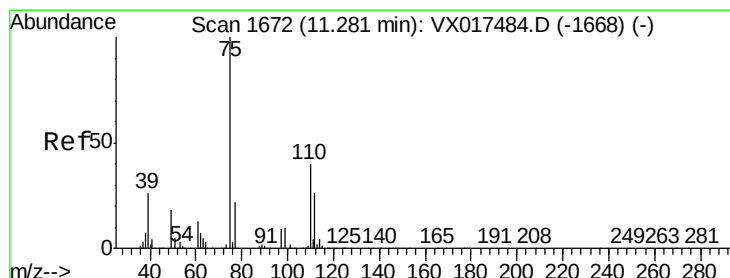
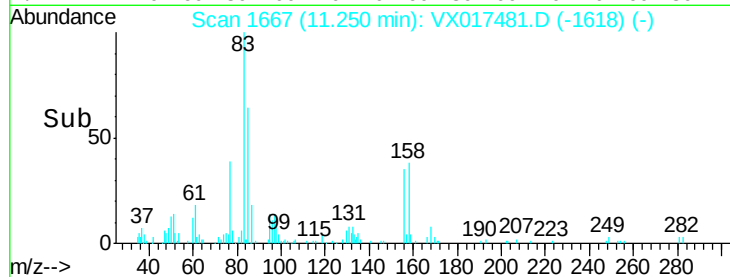
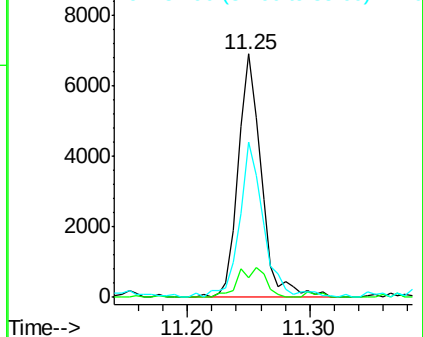
85 64.6 32.6 97.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 1.430 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. -0.00 min

Lab File: VX017481.D

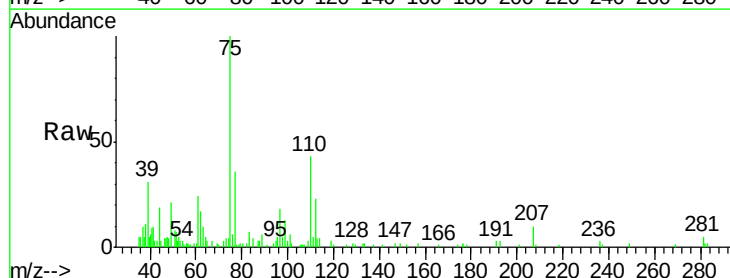
Acq: 23 Jul 2020 09:11

Tgt Ion: 75 Resp: 10345

Ion Ratio Lower Upper

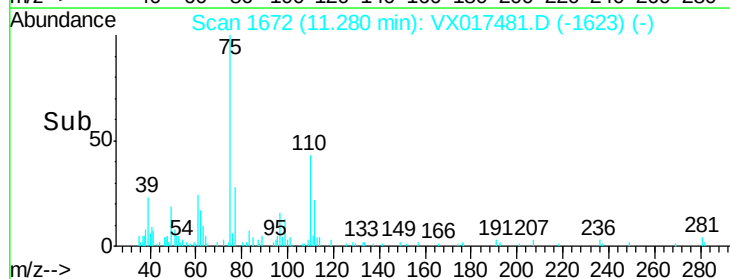
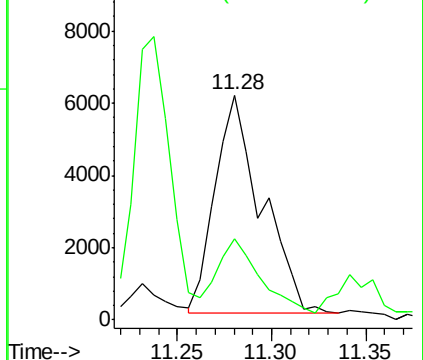
75 100

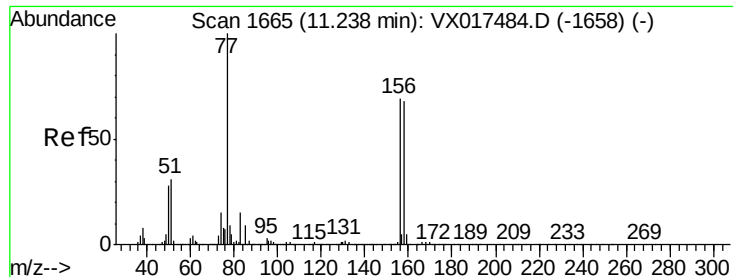
77 37.7 20.9 62.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 1.137 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

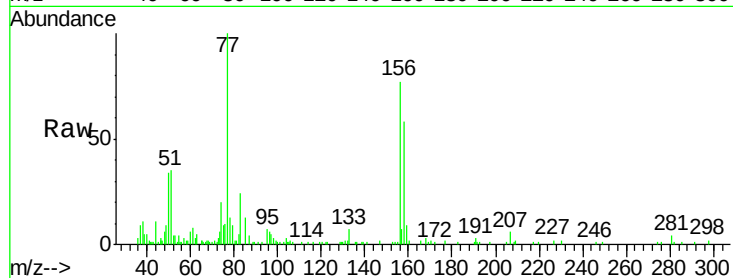
Tgt Ion:156 Resp: 7878

Ion Ratio Lower Upper

156 100

77 138.2 73.2 219.5

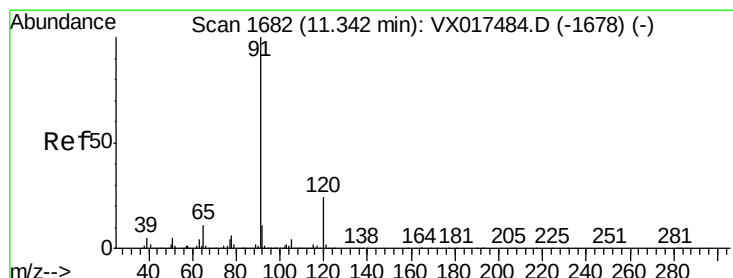
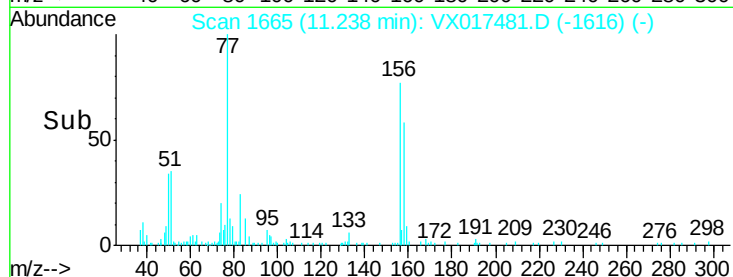
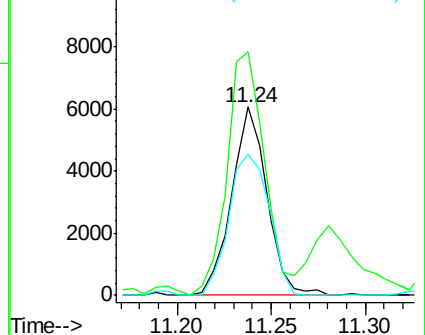
158 85.7 49.0 147.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 1.020 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX017481.D

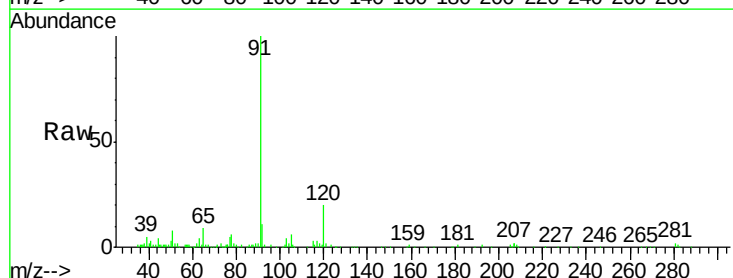
Acq: 23 Jul 2020 09:11

Tgt Ion: 91 Resp: 27770

Ion Ratio Lower Upper

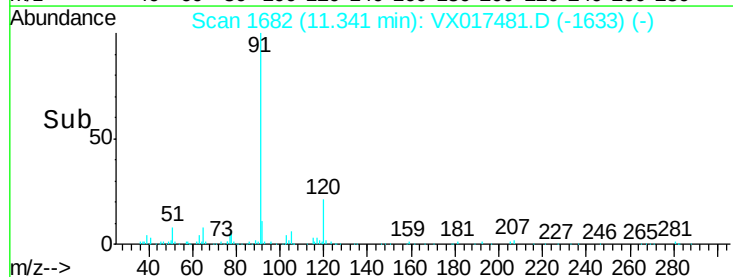
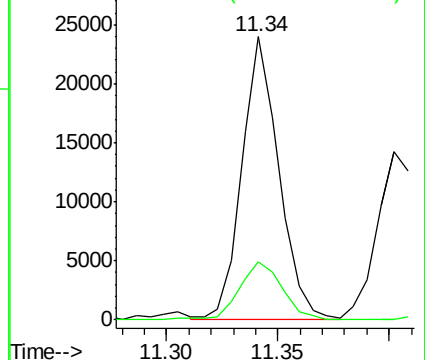
91 100

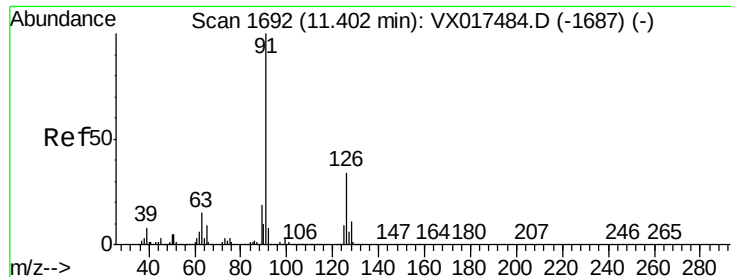
120 24.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 1.107 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

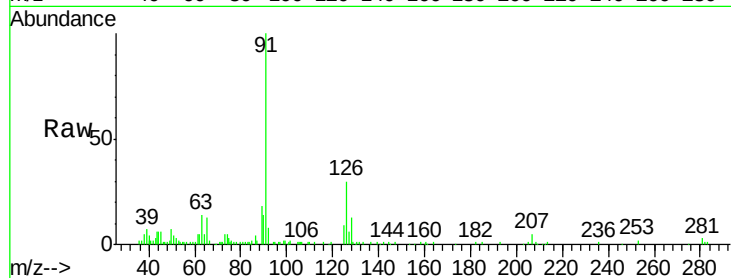
VSTDIC001

Tgt Ion: 91 Resp: 18628

Ion Ratio Lower Upper

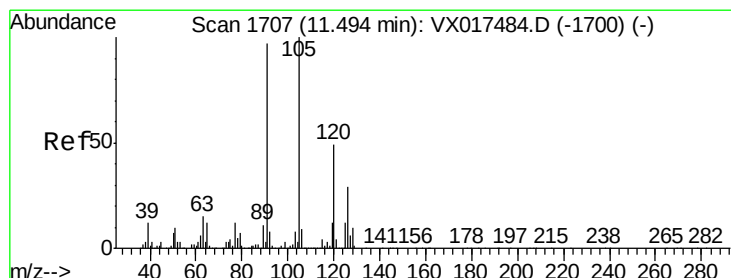
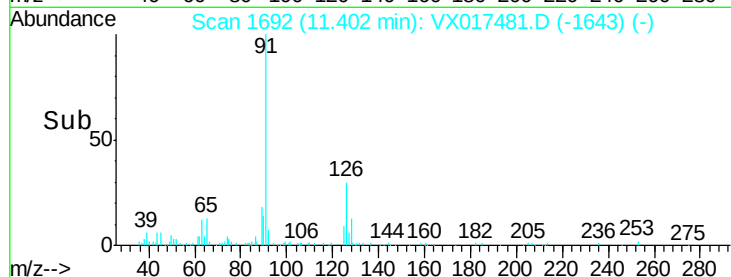
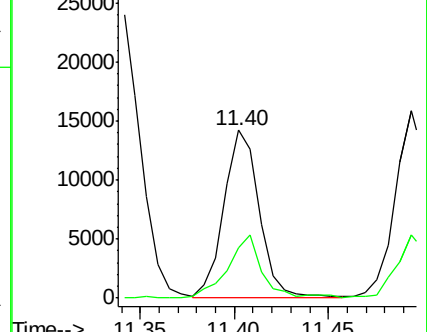
91 100

126 36.6 17.2 51.5



Abundance Ion 91.00 (90.70 to 91.70): VX017481.D (-1687) (-)

Ion 125.90 (125.60 to 126.60): VX017481.D (-1687) (-)



#80

1,3,5-Trimethylbenzene

Concen: 0.957 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX017481.D

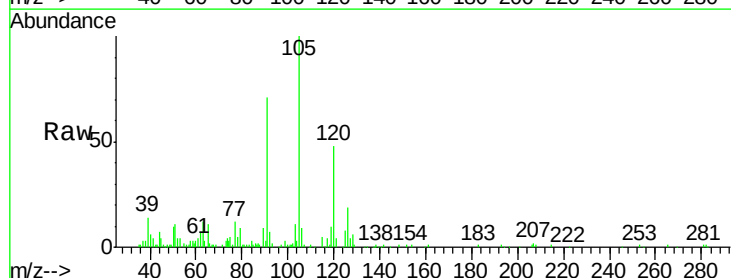
Acq: 23 Jul 2020 09:11

Tgt Ion: 105 Resp: 19873

Ion Ratio Lower Upper

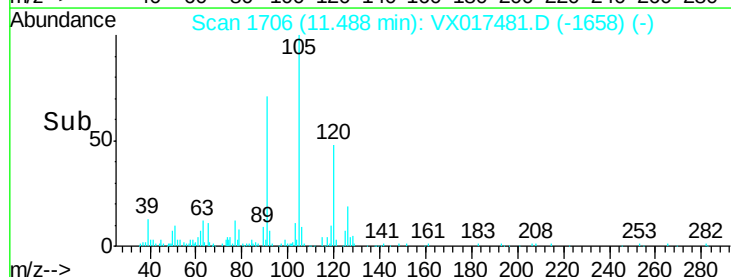
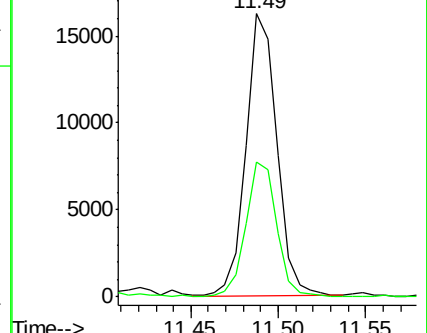
105 100

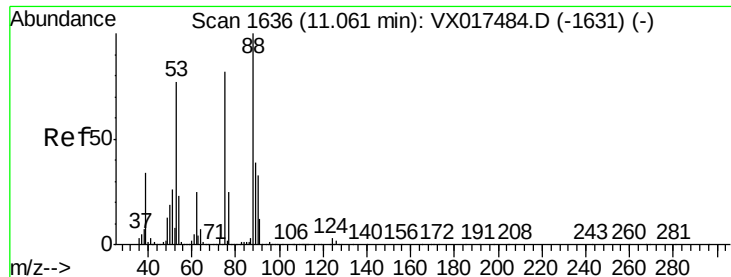
120 48.1 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VX017481.D (-1658) (-)

Ion 120.00 (119.70 to 120.70): VX017481.D (-1658) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 1.159 ug/l

RT: 11.05 min Scan# 1635

Delta R.T. -0.01 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

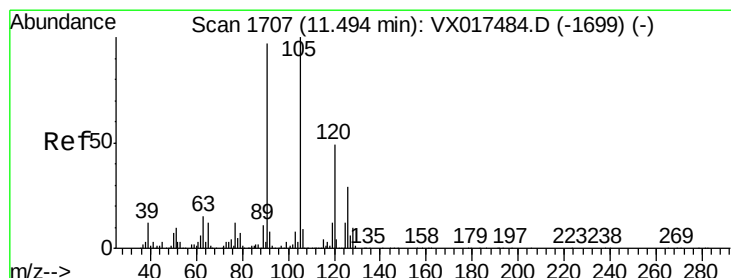
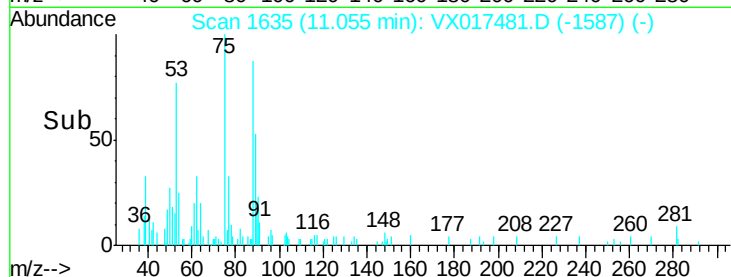
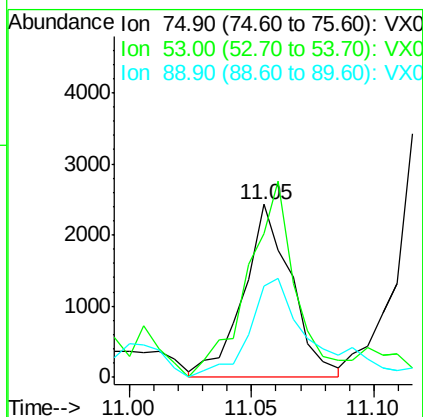
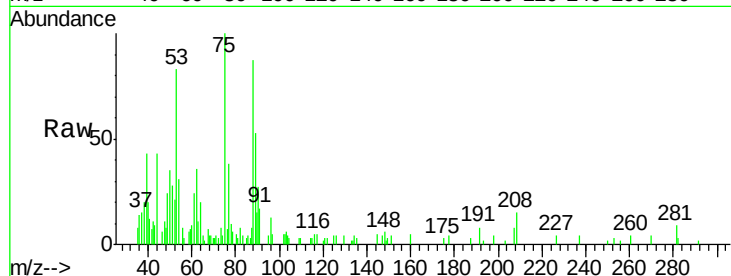
Tgt Ion: 75 Resp: 3318

Ion Ratio Lower Upper

75 100

53 115.1 78.2 117.2

89 76.2 38.1 57.1#



#82

4-Chlorotoluene

Concen: 1.011 ug/l

RT: 11.49 min Scan# 1707

Delta R.T. -0.00 min

Lab File: VX017481.D

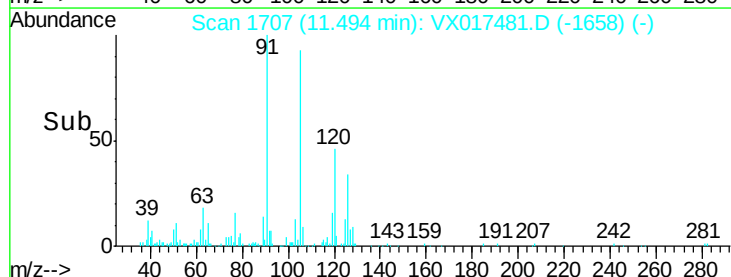
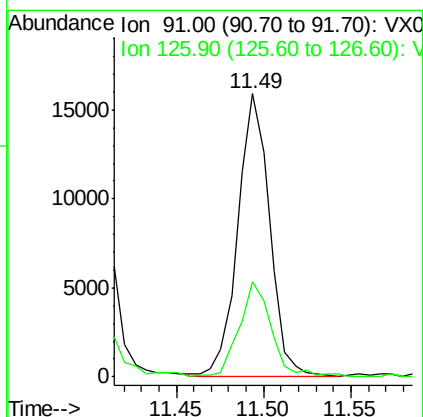
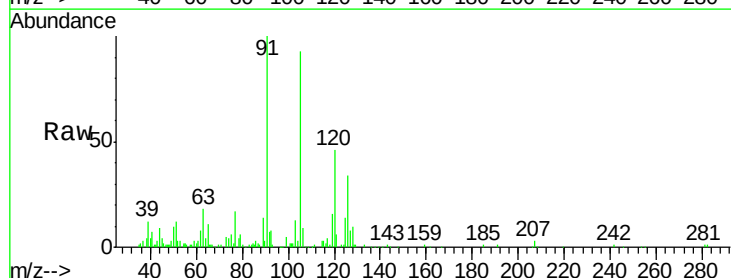
Acq: 23 Jul 2020 09:11

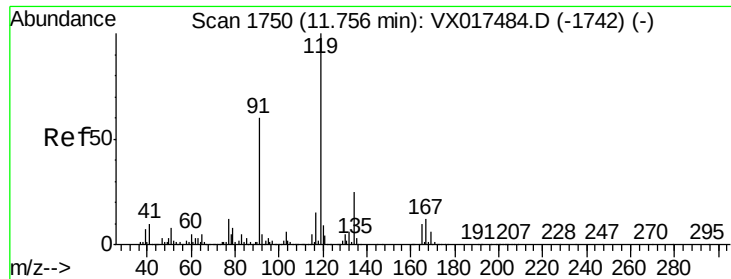
Tgt Ion: 91 Resp: 20198

Ion Ratio Lower Upper

91 100

126 34.4 15.2 45.5

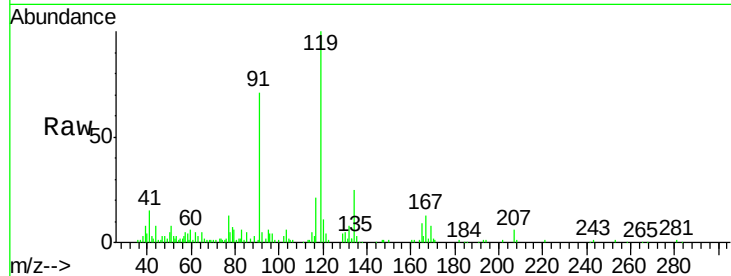




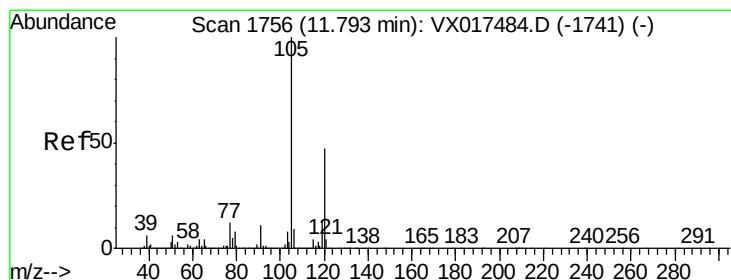
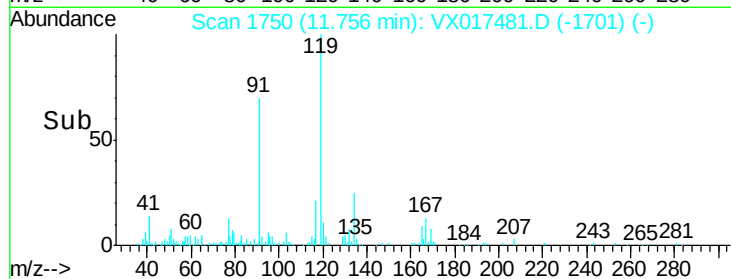
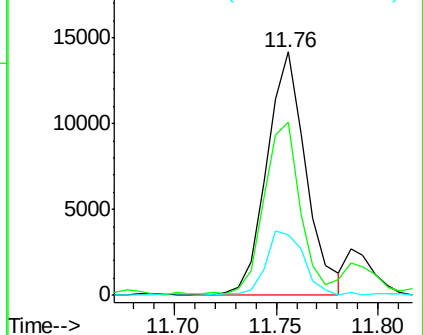
#83
 tert-Butylbenzene
 Concen: 0.949 ug/l
 RT: 11.76 min Scan# 1750
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.0	29.0	87.0
134	25.7	11.4	34.1

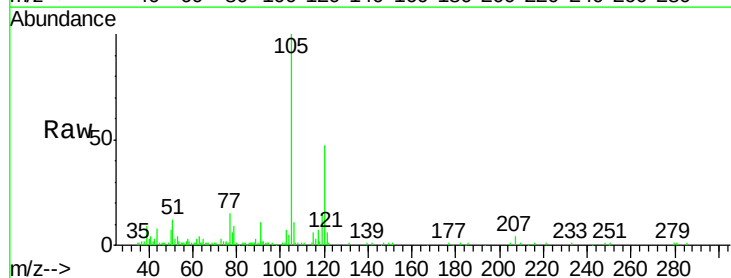


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): V
 Ion 134.00 (133.70 to 134.70): V

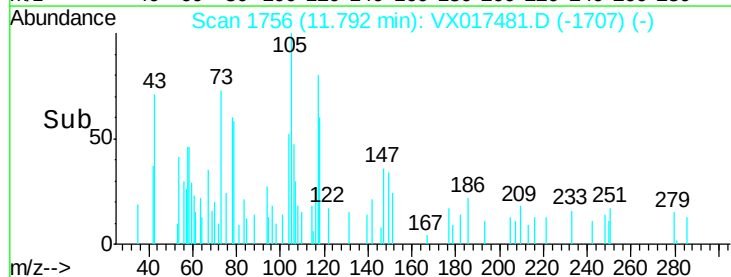
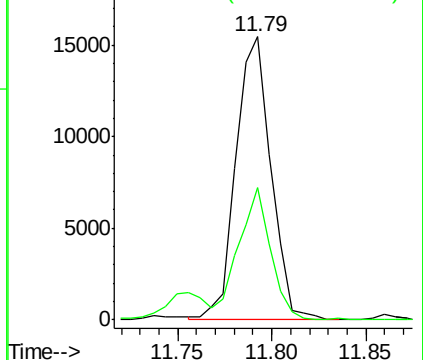


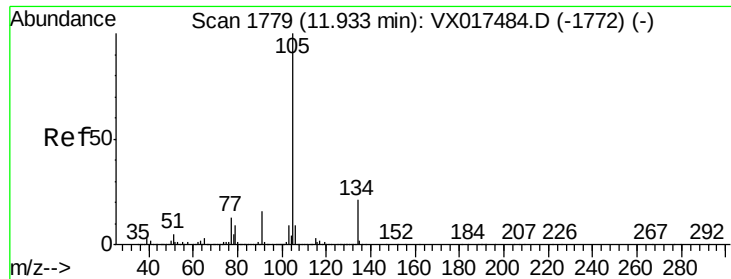
#84
 1,2,4-Trimethylbenzene
 Concen: 0.954 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.9	22.3	66.9



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V

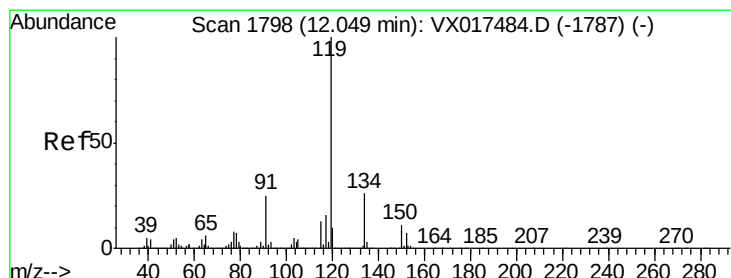
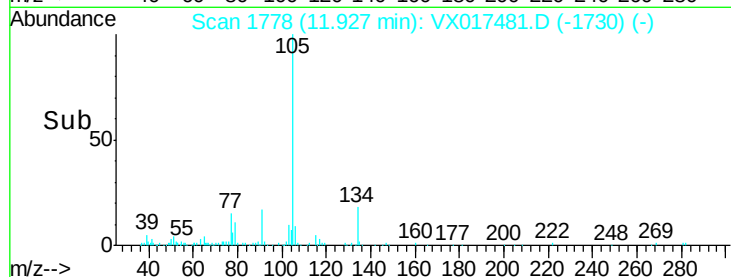
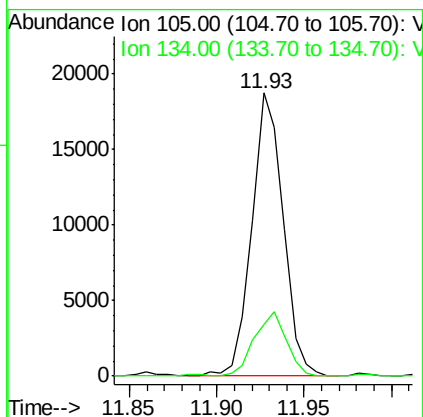
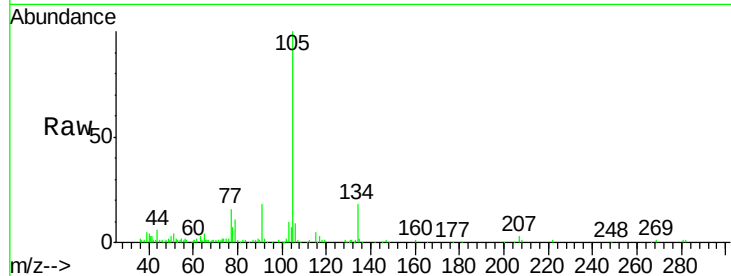




#85
 sec-Butylbenzene
 Concen: 0.999 ug/l
 RT: 11.93 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

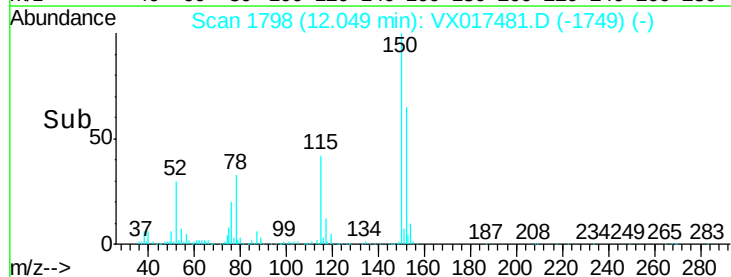
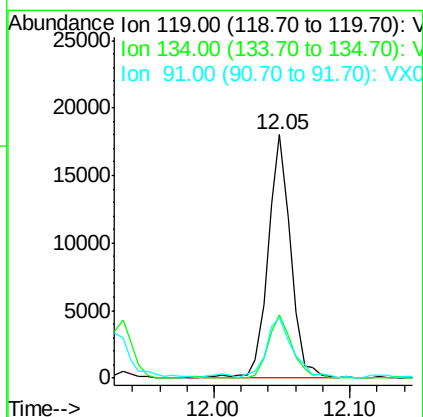
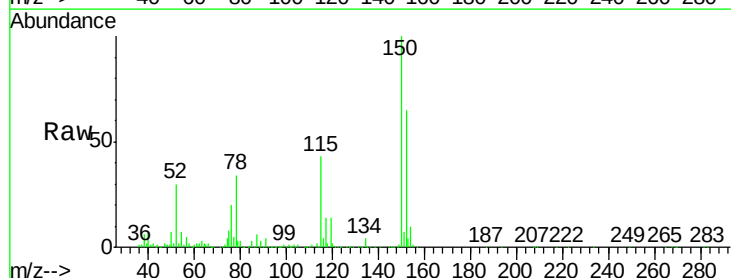
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

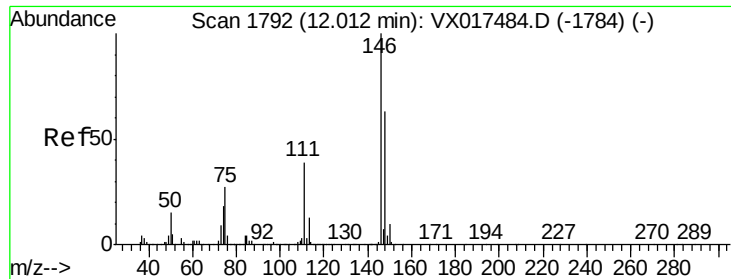
Tgt Ion:105 Resp: 23332
 Ion Ratio Lower Upper
 105 100
 134 23.4 10.4 31.1



#86
 p-Isopropyltoluene
 Concen: 0.951 ug/l
 RT: 12.05 min Scan# 1798
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion:119 Resp: 21066
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.1 39.1
 91 29.6 12.3 36.8

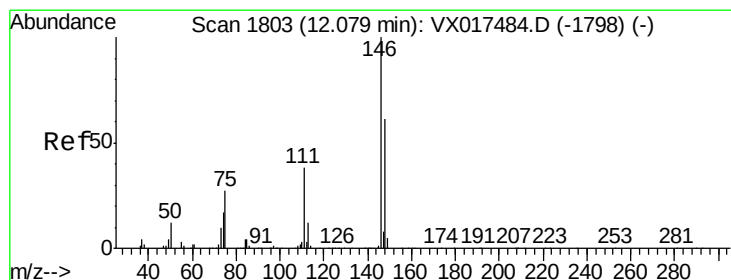
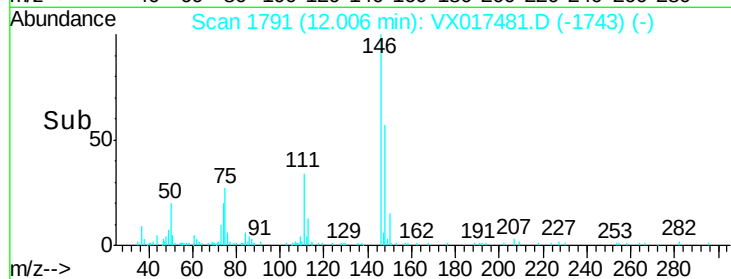
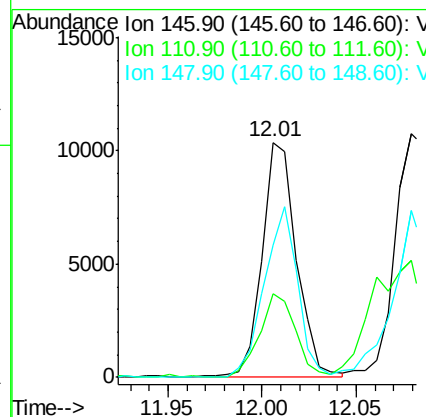
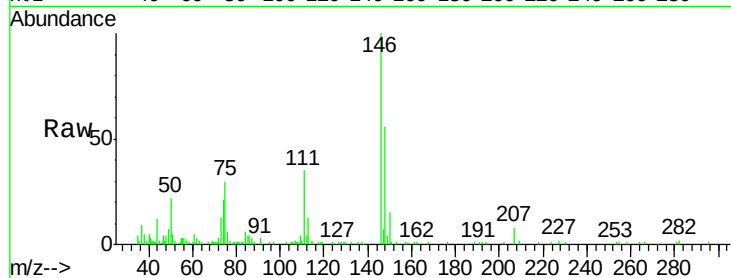




#87
 1,3-Dichlorobenzene
 Concen: 1.064 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

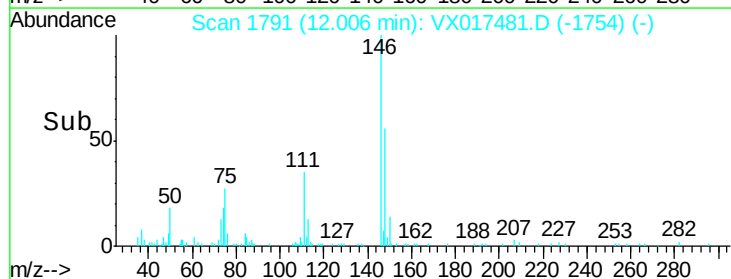
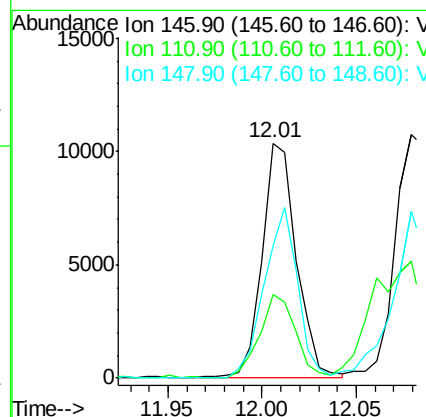
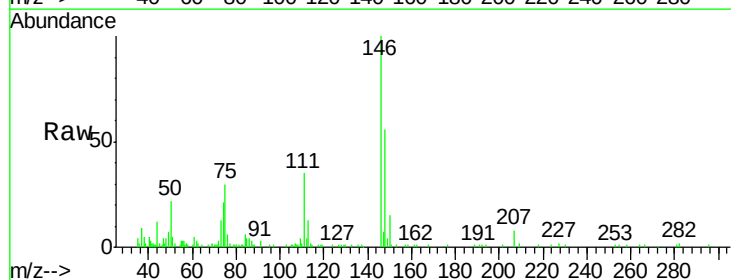
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

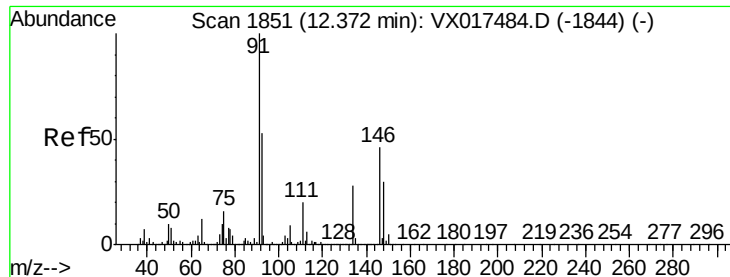
Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.6	58.8
148	70.3	31.6	95.0



#88
 1,4-Dichlorobenzene
 Concen: 1.052 ug/l
 RT: 12.01 min Scan# 1791
 Delta R.T. -0.07 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	19.1	57.5
148	70.3	31.6	95.0





#89

n-Butylbenzene

Concen: 1.016 ug/l

RT: 12.37 min Scan# 1851

Delta R.T. -0.00 min

Lab File: VX017481.D

Acq: 23 Jul 2020 09:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC001

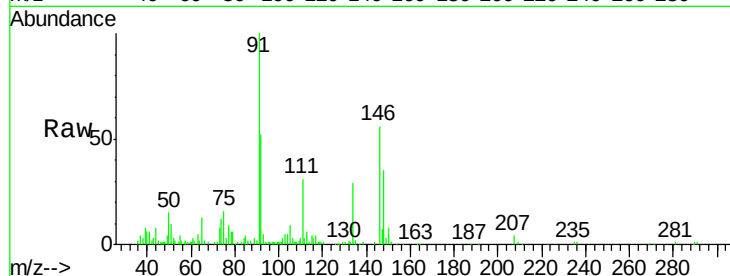
Tgt Ion: 91 Resp: 19312

Ion Ratio Lower Upper

91 100

92 52.4 26.4 79.0

134 28.4 13.7 41.0

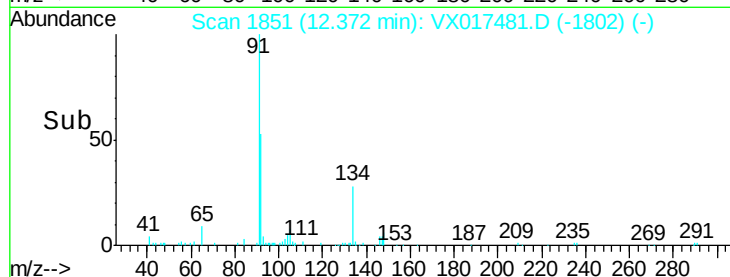


Abundance Ion 91.00 (90.70 to 91.70): VX017481.D (-1844) (-)

Ion 92.00 (91.70 to 92.70): VX017481.D (-1844) (-)

Ion 134.00 (133.70 to 134.70): VX017481.D (-1844) (-)

Time-->

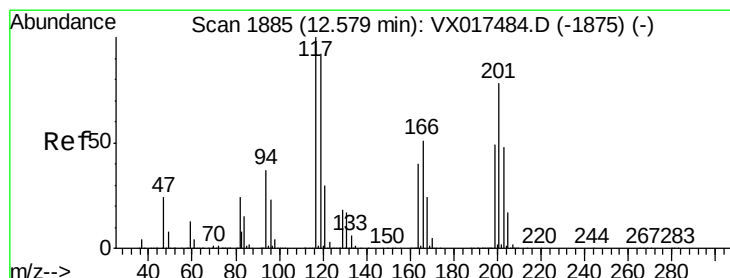


Abundance Ion 91.00 (90.70 to 91.70): VX017481.D (-1802) (-)

Ion 92.00 (91.70 to 92.70): VX017481.D (-1802) (-)

Ion 134.00 (133.70 to 134.70): VX017481.D (-1802) (-)

Time-->



#90

Hexachloroethane

Concen: 1.167 ug/l

RT: 12.58 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX017481.D

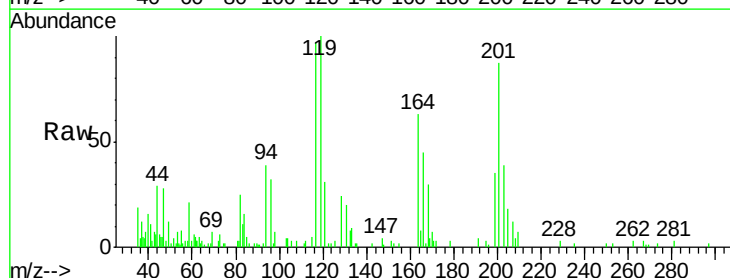
Acq: 23 Jul 2020 09:11

Tgt Ion: 117 Resp: 4928

Ion Ratio Lower Upper

117 100

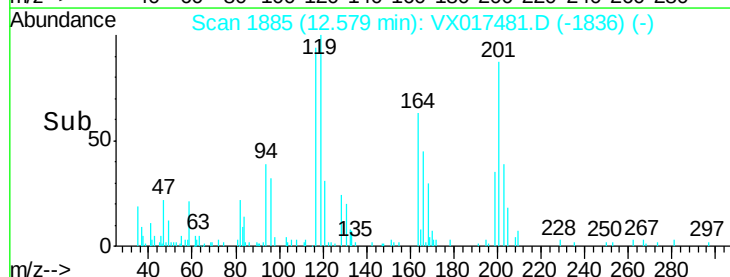
201 87.6 41.4 124.4



Abundance Ion 116.80 (116.50 to 117.50): VX017481.D (-1875) (-)

Ion 200.70 (200.40 to 201.40): VX017481.D (-1875) (-)

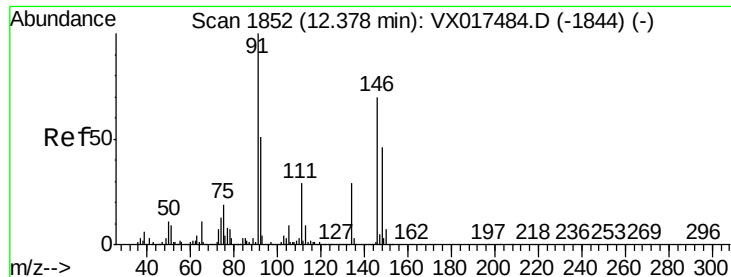
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX017481.D (-1836) (-)

Ion 200.70 (200.40 to 201.40): VX017481.D (-1836) (-)

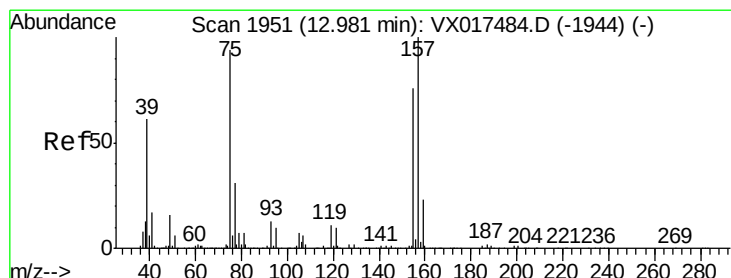
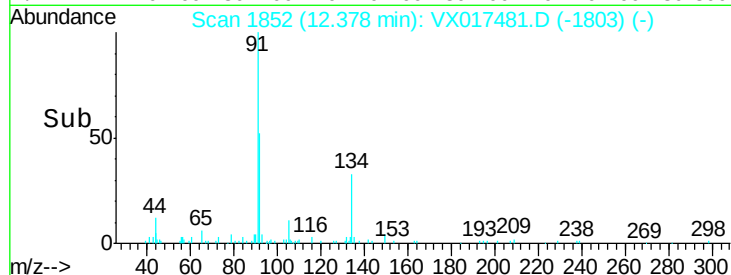
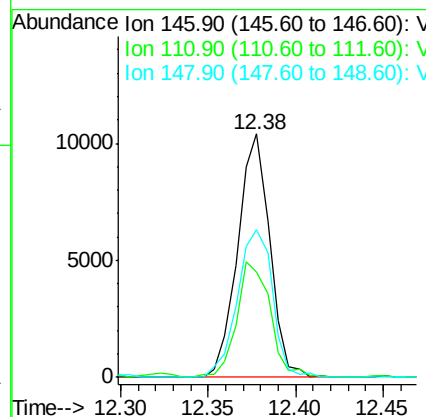
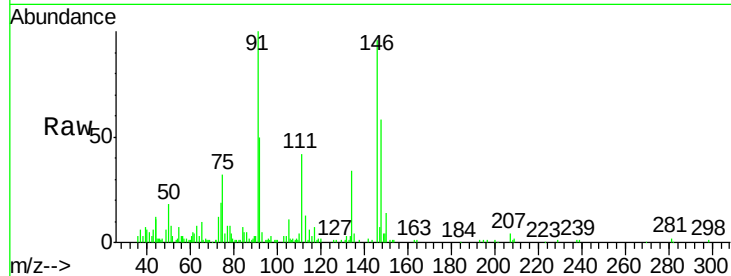
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 1.139 ug/l
 RT: 12.38 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

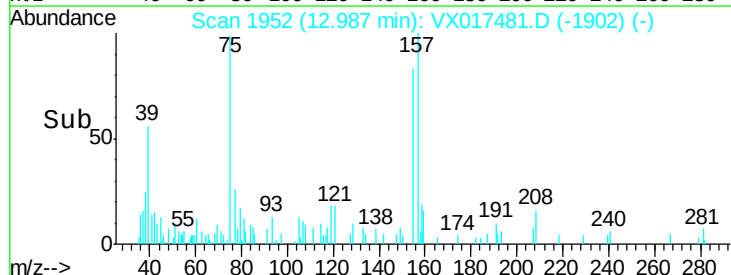
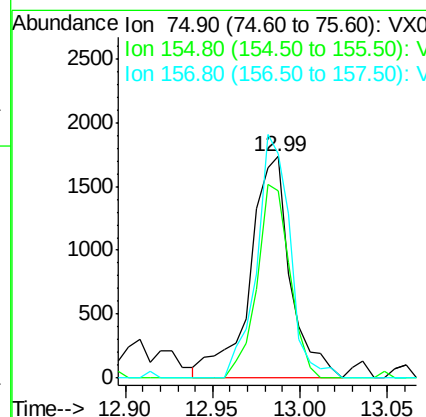
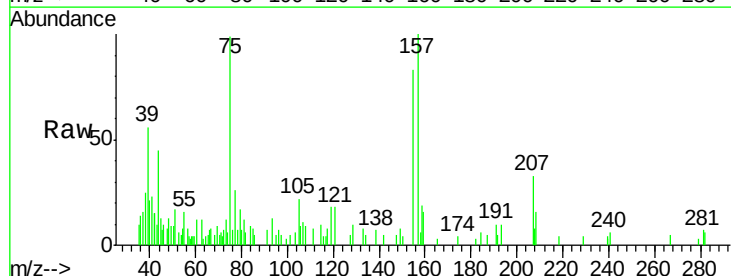
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC001

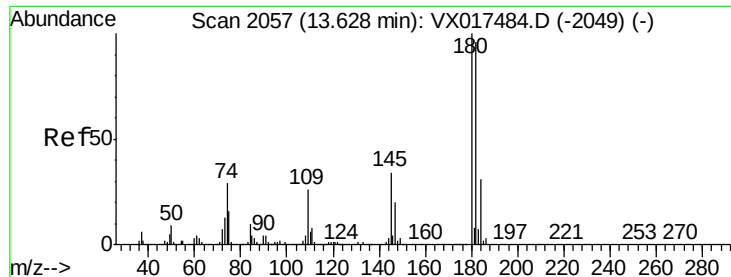
Tgt Ion: 146 Resp: 13269
 Ion Ratio Lower Upper
 146 100
 111 49.7 20.8 62.2
 148 66.7 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.415 ug/l
 RT: 12.99 min Scan# 1952
 Delta R.T. 0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion: 75 Resp: 2823
 Ion Ratio Lower Upper
 75 100
 155 70.5 42.3 126.9
 157 90.3 55.1 165.5

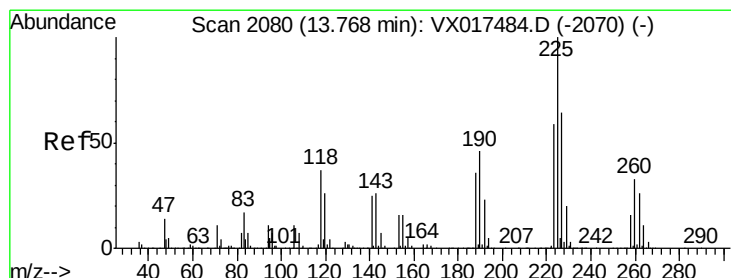
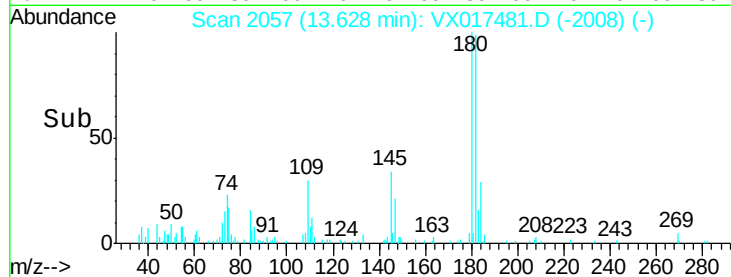
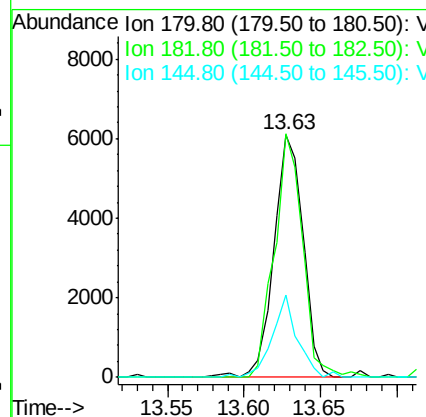
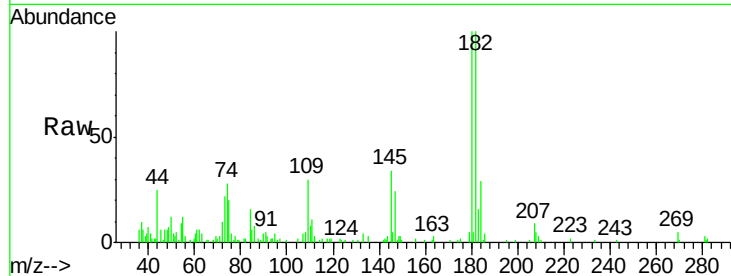




#93
 1,2,4-Trichlorobenzene
 Concen: 0.998 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

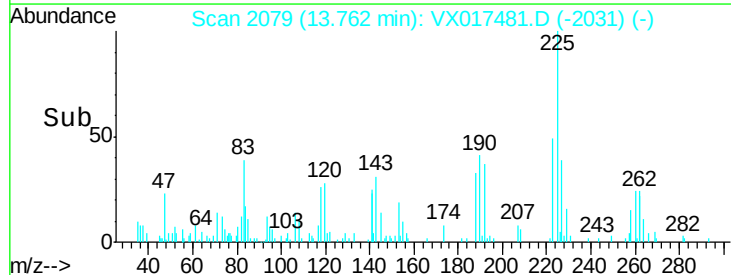
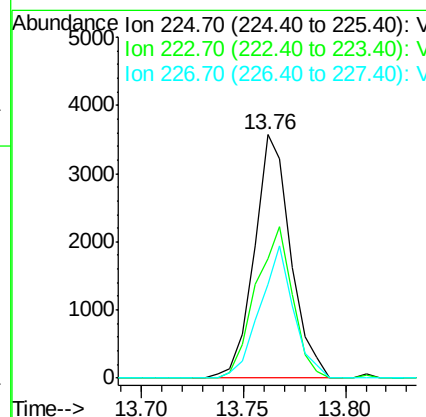
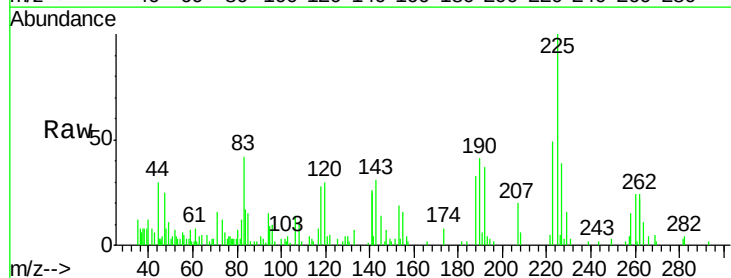
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

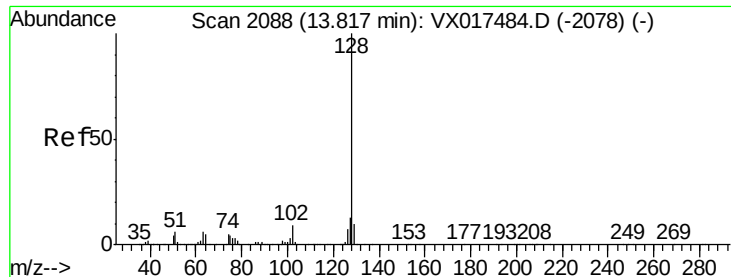
Tgt Ion:180 Resp: 8137
 Ion Ratio Lower Upper
 180 100
 182 96.9 48.5 145.6
 145 29.8 16.0 47.9



#94
 Hexachlorobutadiene
 Concen: 1.303 ug/l
 RT: 13.76 min Scan# 2079
 Delta R.T. -0.01 min
 Lab File: VX017481.D
 Acq: 23 Jul 2020 09:11

Tgt Ion:225 Resp: 4424
 Ion Ratio Lower Upper
 225 100
 223 63.0 31.1 93.2
 227 50.5 32.2 96.6

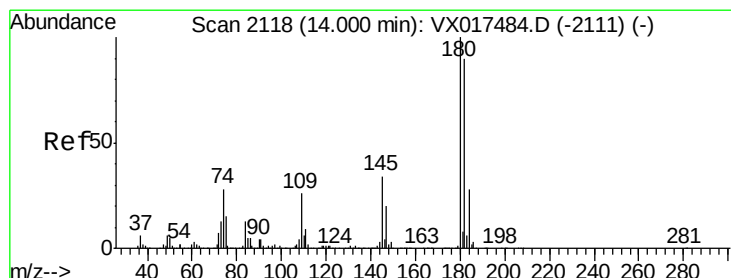
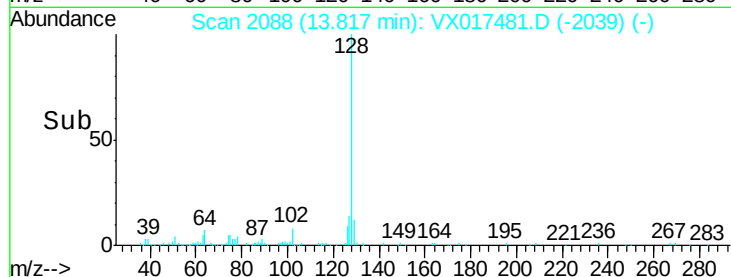
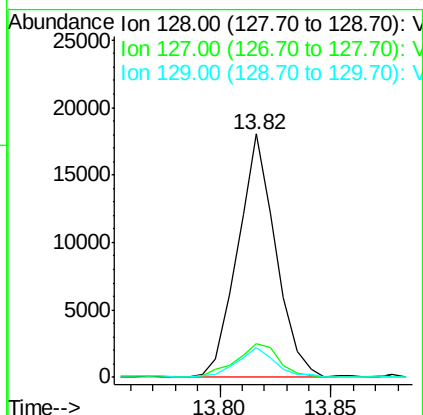
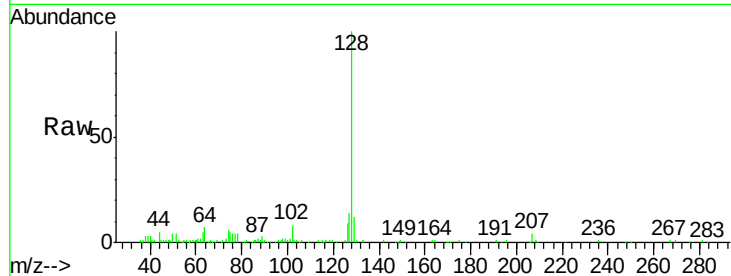




#95
Naphthalene
Concen: 0.888 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC001

Tgt Ion:128 Resp: 21413
Ion Ratio Lower Upper
128 100
127 15.8 10.2 15.4#
129 12.4 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 1.001 ug/l
RT: 14.00 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VX017481.D
Acq: 23 Jul 2020 09:11

Tgt Ion:180 Resp: 7931
Ion Ratio Lower Upper
180 100
182 92.1 45.7 137.1
145 37.4 16.4 49.2

