

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120120\
 Data File : VX019695.D
 Acq On : 01 Dec 2020 15:11
 Operator : JC/MD
 Sample : L4905-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-00-01-02

Quant Time: Dec 02 02:12:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	273140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	447199	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	402781	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182802	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	172626	48.74	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.48%	
35) Dibromofluoromethane		5.46	113	136384	48.59	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.18%	
50) Toluene-d8		8.70	98	538166	49.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.68%	
62) 4-Bromofluorobenzene		11.12	95	191980	48.92	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.84%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Chloroethane	1.67	64	43	Below Cal	#	41
11) Tert butyl alcohol	3.04	59	4953	7.390	ug/l #	90
13) Acrolein	2.28	56	589	1.307	ug/l	93
16) Acetone	2.43	43	22648	16.537	ug/l	99
17) Carbon Disulfide	2.54	76	2422	0.332	ug/l #	93
18) Methyl Acetate	2.76	43	3245	1.589	ug/l	97
20) Methylene Chloride	2.83	84	20677	6.040	ug/l	97
25) 2-Butanone	4.65	43	15166	7.372	ug/l	98
29) Tetrahydrofuran	5.10	42	1999	1.523	ug/l #	81
31) Cyclohexane	5.54	56	3457	0.751	ug/l #	83
36) 1,1-Dichloropropene	5.62	75	20715	4.941	ug/l #	49
37) Ethyl Acetate	4.81	43	813	0.207	ug/l #	75
38) Carbon Tetrachloride	5.62	117	26513	6.533	ug/l #	17
39) Methylcyclohexane	7.44	83	2373	0.486	ug/l #	61
40) Benzene	6.11	78	646611	50.197	ug/l	100
42) 1,2-Dichloroethane	6.12	62	5784	1.310	ug/l #	73
43) Isopropyl Acetate	6.42	43	29816	4.506	ug/l	100
48) Methyl methacrylate	7.65	41	9469	3.056	ug/l #	10
49) 1,4-Dioxane	7.75	88	53	0.753	ug/l #	1
51) 4-Methyl-2-Pentanone	8.59	43	88250	22.874	ug/l #	43
52) Toluene	8.76	92	405844	51.501	ug/l	98
53) t-1,3-Dichloropropene	8.76	75	4562	1.003	ug/l #	1
54) cis-1,3-Dichloropropene	8.60	75	45569	9.028	ug/l #	60
55) 1,1,2-Trichloroethane	9.06	97	1231	0.384	ug/l #	20
57) 1,3-Dichloropropane	9.52	76	24954	4.644	ug/l #	44
59) 2-Hexanone	9.52	43	293263	100.223	ug/l #	48
67) Ethyl Benzene	10.23	91	78059	5.381	ug/l	98
68) m/p-Xylenes	10.34	106	143286	26.510	ug/l	100
69) o-Xylene	10.68	106	92348	17.874	ug/l	100
70) Styrene	10.70	104	47923	6.492	ug/l #	77
73) Isopropylbenzene	11.00	105	5545	0.438	ug/l	99
74) N-amyl acetate	10.80	43	4026	0.850	ug/l #	48
76) 1,2,3-Trichloropropane	11.12	75	92629	23.219	ug/l #	37
78) n-propylbenzene	11.34	91	7122	0.491	ug/l	99

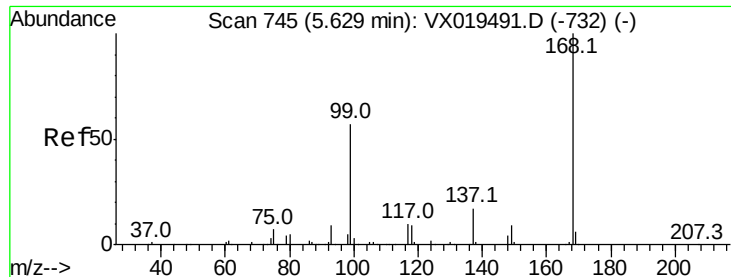
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120120\
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Quant Time: Dec 02 02:12:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
79) 2-Chlorotoluene	11.42	91	4499	0.511	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.49	105	36082	3.401	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.12	75	92629	61.637	ug/l #	12
82) 4-Chlorotoluene	11.49	91	4101	0.396	ug/l #	50
83) tert-Butylbenzene	11.79	119	9193	0.896	ug/l #	54
84) 1,2,4-Trimethylbenzene	11.79	105	94406	8.795	ug/l	88
85) sec-Butylbenzene	11.79	105	94406	7.732	ug/l #	56
90) Hexachloroethane	12.45	117	53158	28.657	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	13.01	75	1455	1.577	ug/l #	1
95) Naphthalene	13.82	128	7153242	509.583	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

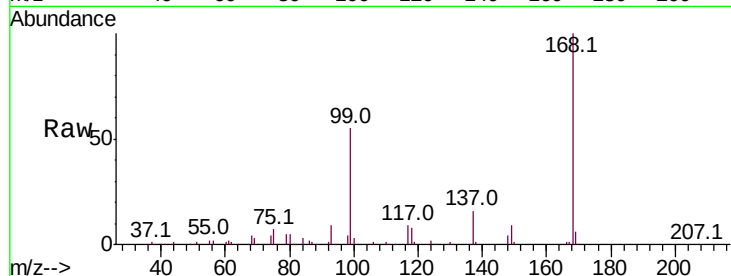
COMP-00-01-02

Tot Ion:168 Resp: 273140

Ion Ratio Lower Upper

168 100

99 55.5 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

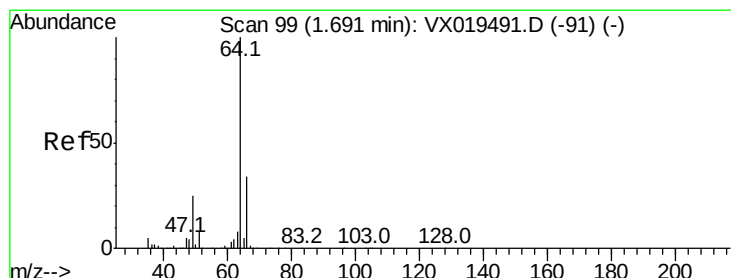
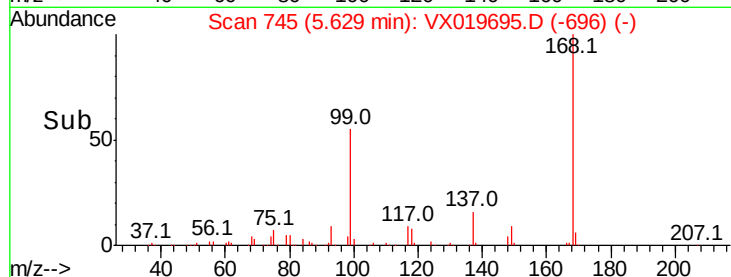
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: Below Cal

RT: 1.67 min Scan# 96

Delta R.T. -0.02 min

Lab File: VX019695.D

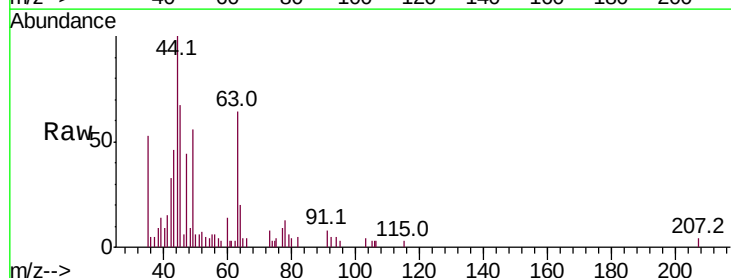
Acq: 01 Dec 2020 15:11

Tgt Ion: 64 Resp: 43

Ion Ratio Lower Upper

64 100

66 0.0 27.1 40.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.67

400

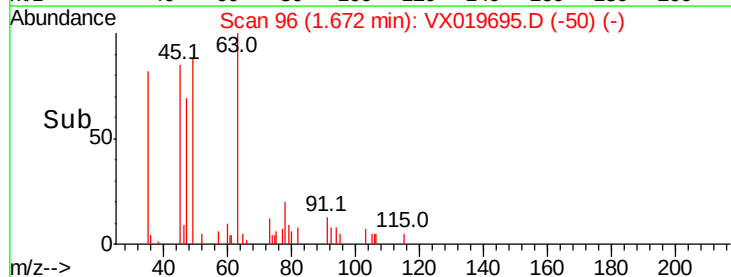
300

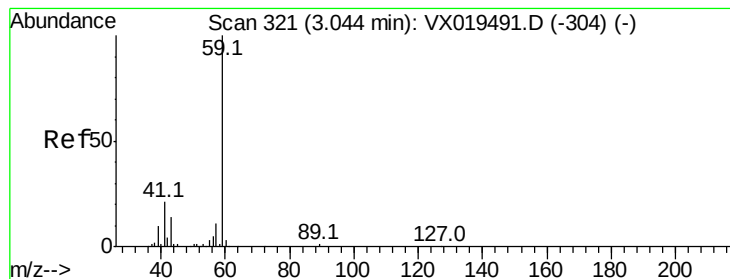
200

100

0

Time-->





#11

Tert butyl alcohol

Concen: 7.390 ug/l

RT: 3.04 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

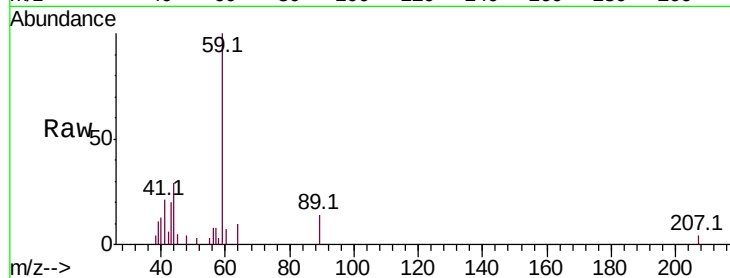
COMP-00-01-02

Tot Ion: 59 Resp: 4953

Ion Ratio Lower Upper

59 100

57 13.5 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

2500

2000

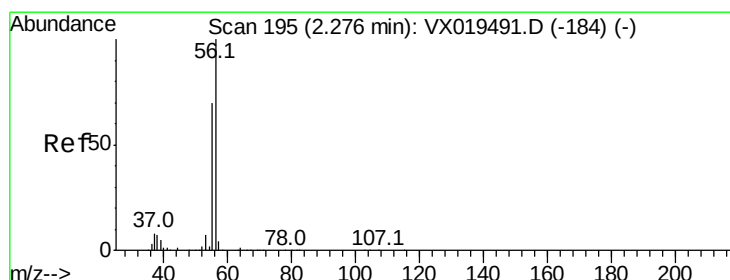
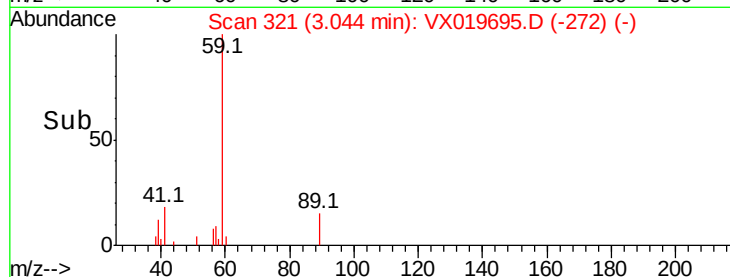
1500

1000

500

0

Time-->



#13

Acrolein

Concen: 1.307 ug/l

RT: 2.28 min Scan# 195

Delta R.T. -0.00 min

Lab File: VX019695.D

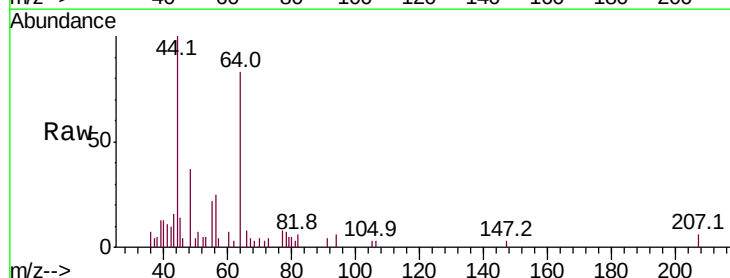
Acq: 01 Dec 2020 15:11

Tgt Ion: 56 Resp: 589

Ion Ratio Lower Upper

56 100

55 75.2 55.5 83.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

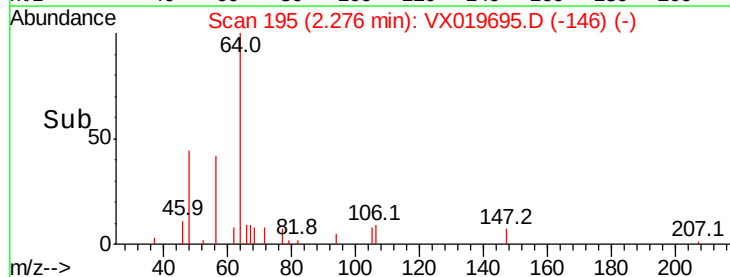
600

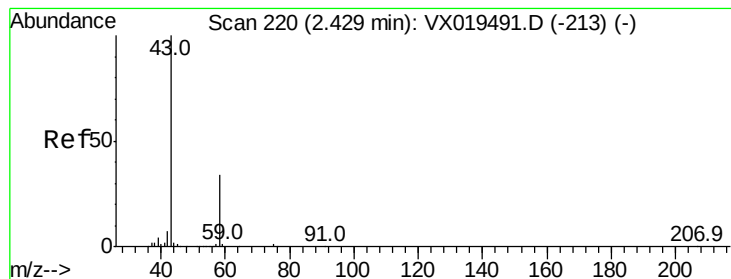
400

200

0

Time-->





#16

Acetone

Concen: 16.537 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

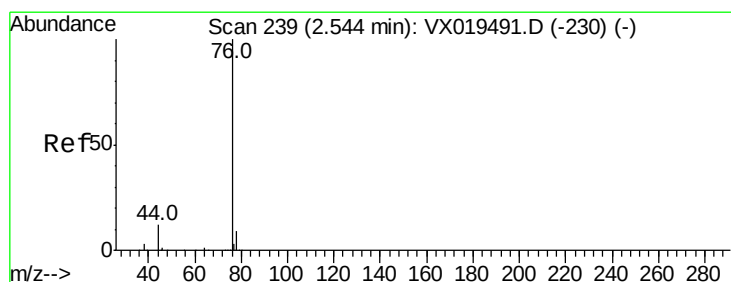
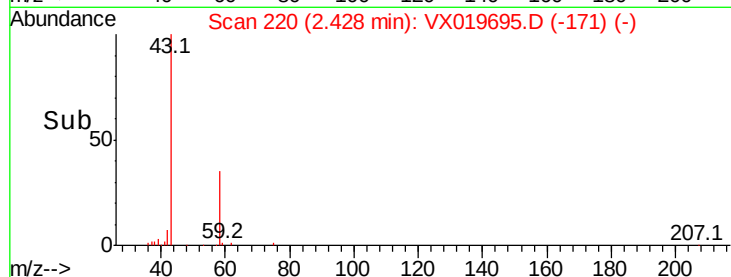
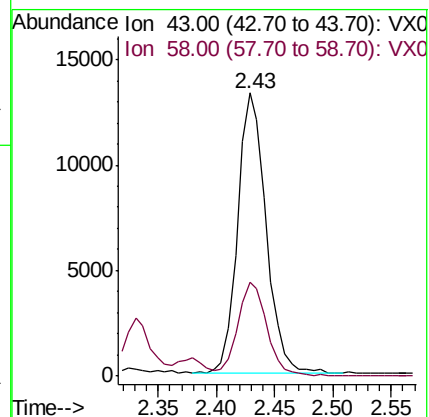
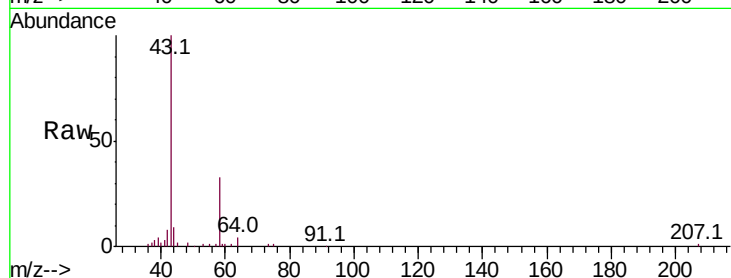
COMP-00-01-02

Tot Ion: 43 Resp: 22648

Ion Ratio Lower Upper

43 100

58 33.7 27.4 41.2



#17

Carbon Disulfide

Concen: 0.332 ug/l

RT: 2.54 min Scan# 238

Delta R.T. -0.01 min

Lab File: VX019695.D

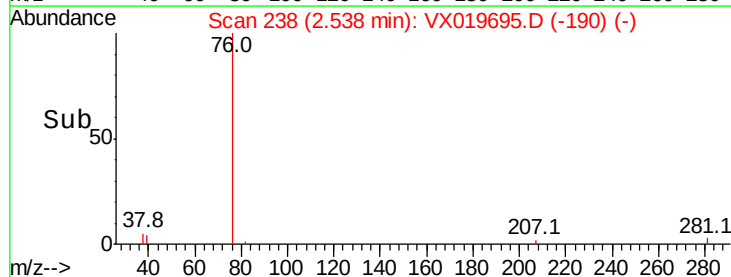
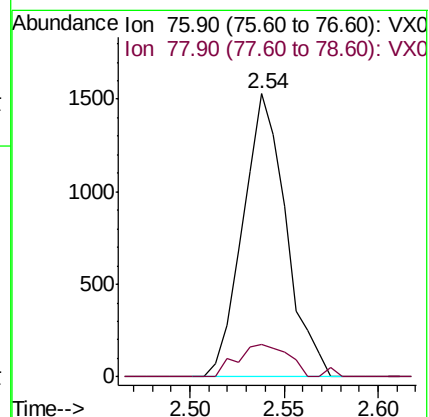
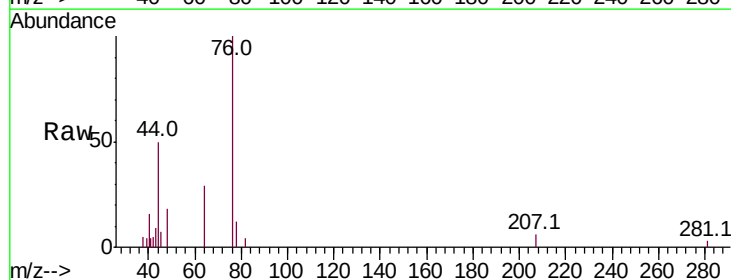
Acq: 01 Dec 2020 15:11

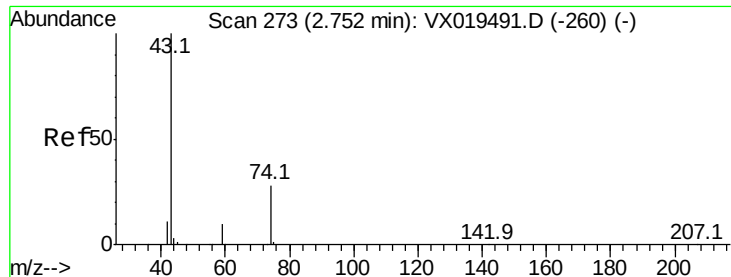
Tgt Ion: 76 Resp: 2422

Ion Ratio Lower Upper

76 100

78 11.6 7.2 10.8#

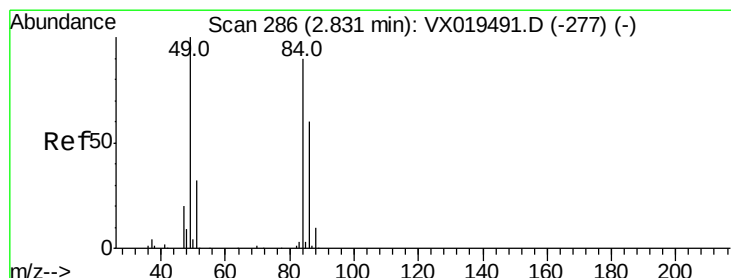
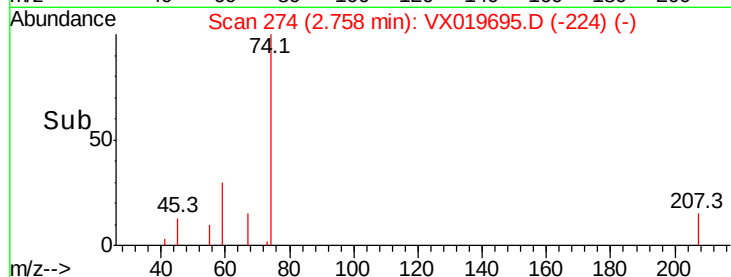
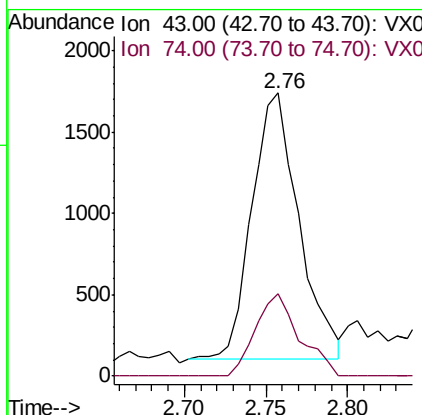
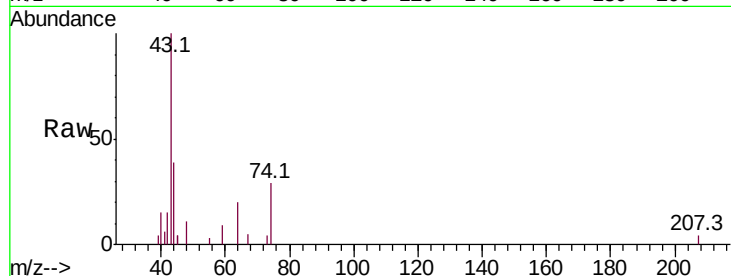




#18
Methvl Acetate
Concen: 1.589 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX019695.D
Acq: 01 Dec 2020 15:11

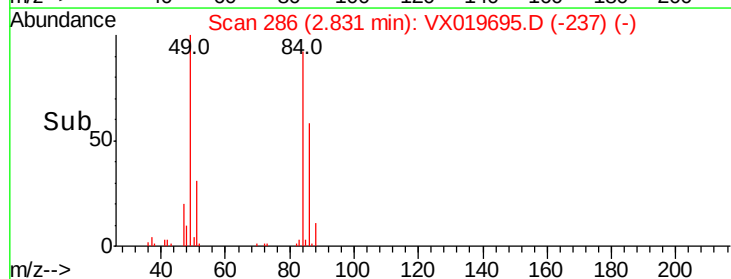
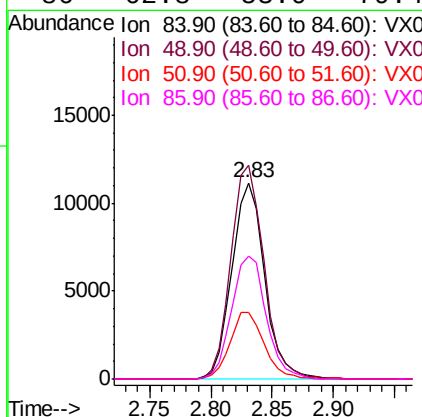
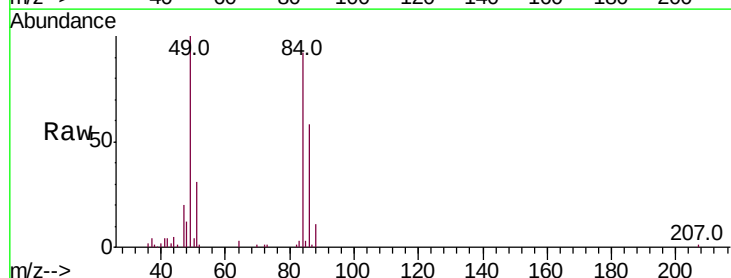
Instrument :
MSVOA_X
ClientSampleId :
COMP-00-01-02

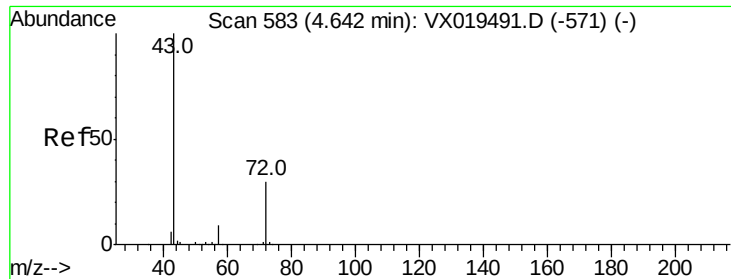
Tot Ion: 43 Resp: 3245
Ion Ratio Lower Upper
43 100
74 29.4 22.2 33.4



#20
Methylene Chloride
Concen: 6.040 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019695.D
Acq: 01 Dec 2020 15:11

Tgt Ion: 84 Resp: 20677
Ion Ratio Lower Upper
84 100
49 108.7 88.5 132.7
51 33.7 28.0 42.0
86 62.8 53.0 79.4





#25

2-Butanone

Concen: 7.372 ug/l

RT: 4.65 min Scan# 585

Delta R.T. 0.01 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

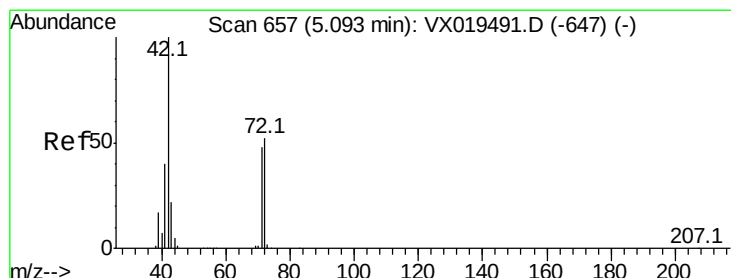
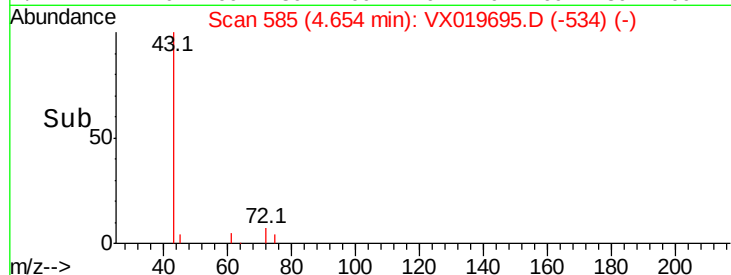
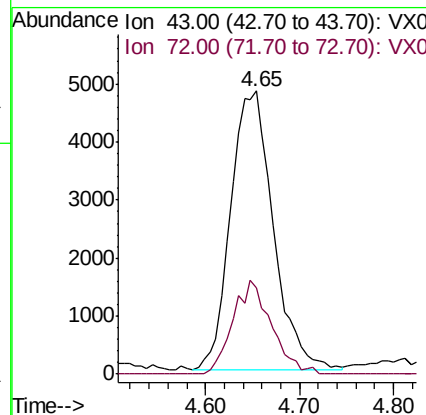
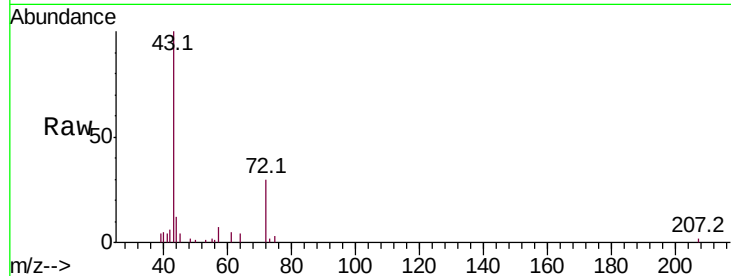
COMP-00-01-02

Tot Ion: 43 Resp: 15166

Ion Ratio Lower Upper

43 100

72 30.9 24.0 36.0



#29

Tetrahydrofuran

Concen: 1.523 ug/l

RT: 5.10 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

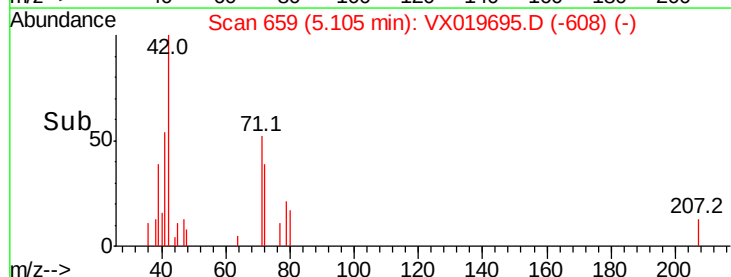
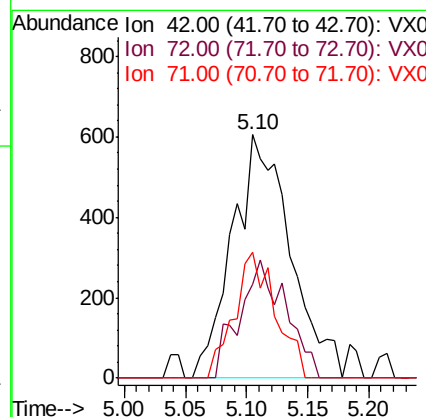
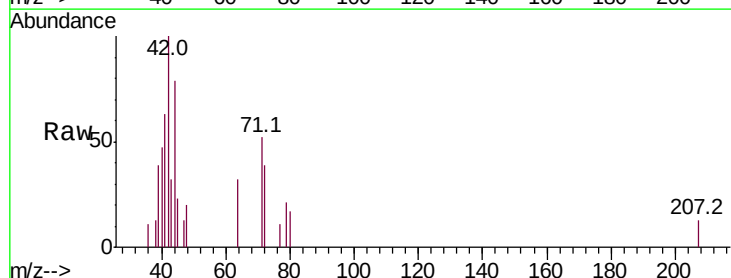
Tgt Ion: 42 Resp: 1999

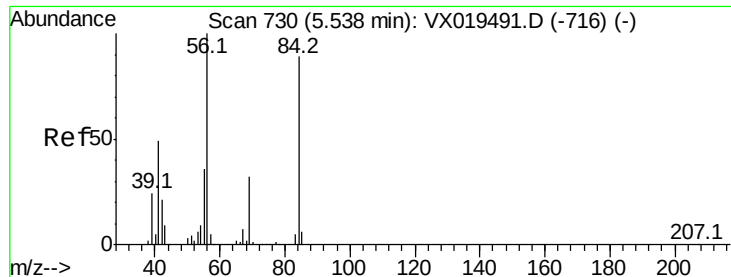
Ion Ratio Lower Upper

42 100

72 38.9 42.6 63.8#

71 36.7 39.0 58.6#

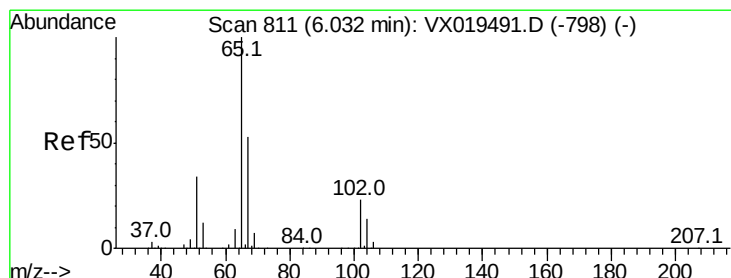
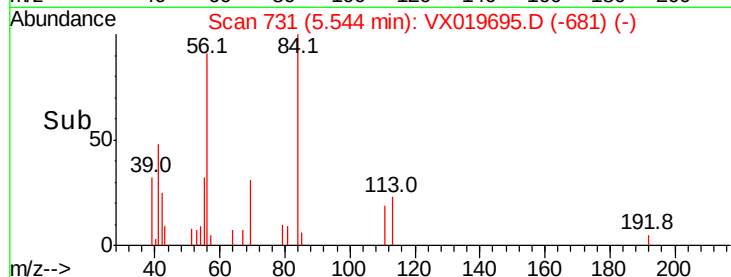
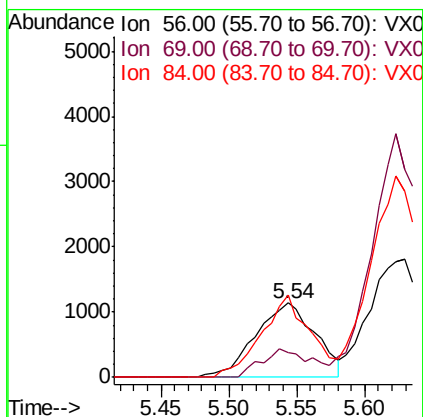
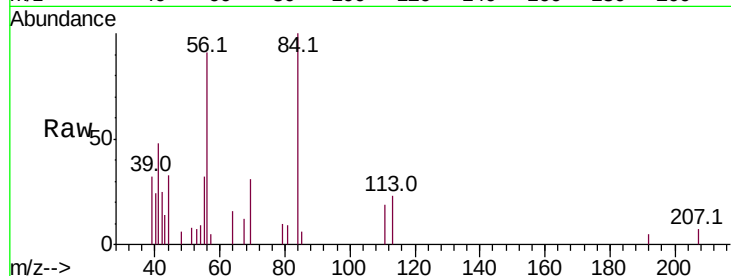




#31
Cyclohexane
Concen: 0.751 ug/l
RT: 5.54 min Scan# 731
Delta R.T. 0.01 min
Lab File: VX019695.D
Acq: 01 Dec 2020 15:11

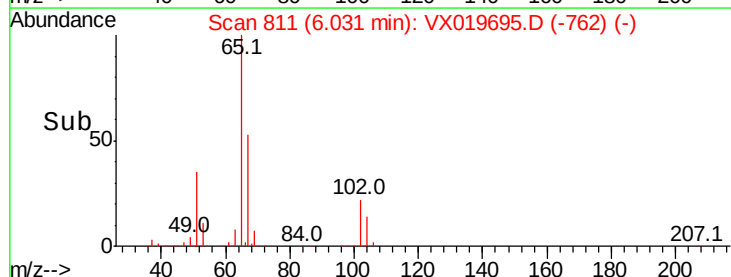
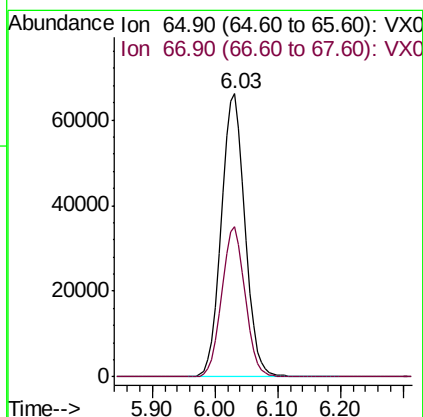
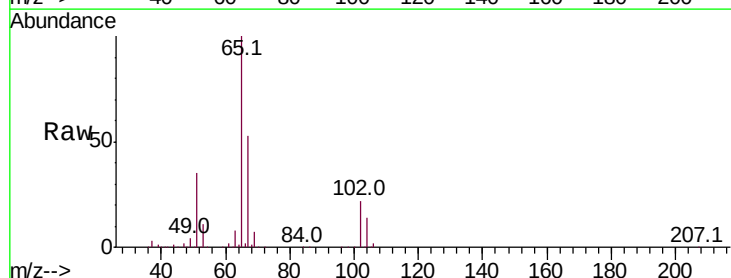
Instrument :
MSVOA_X
ClientSampleId :
COMP-00-01-02

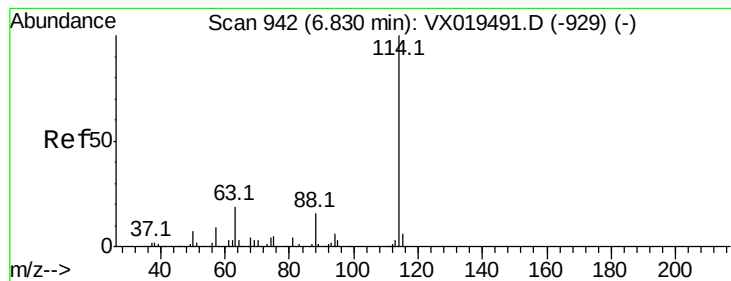
Tot Ion: 56 Resp: 3457
Ion Ratio Lower Upper
56 100
69 33.6 25.5 38.3
84 110.0 71.1 106.7#



#33
1,2-Dichloroethane-d4
Concen: 48.744 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019695.D
Acq: 01 Dec 2020 15:11

Tgt Ion: 65 Resp: 172626
Ion Ratio Lower Upper
65 100
67 52.4 0.0 105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

COMP-00-01-02

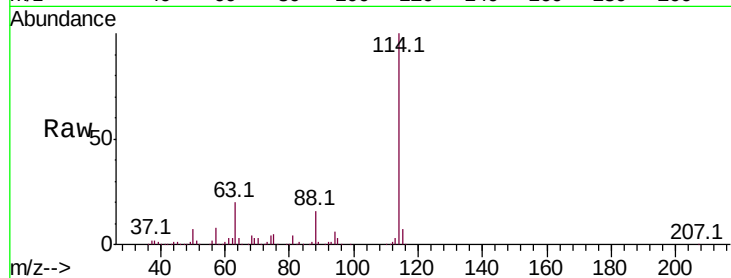
Tot Ion:114 Resp: 447199

Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.8

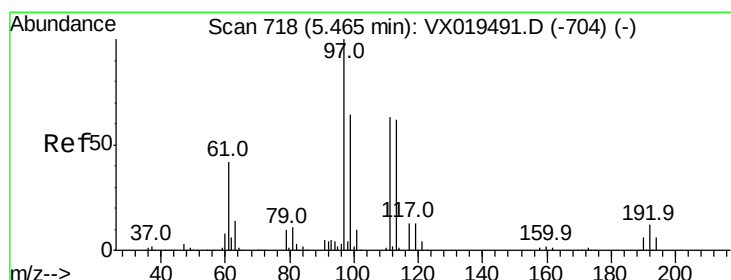
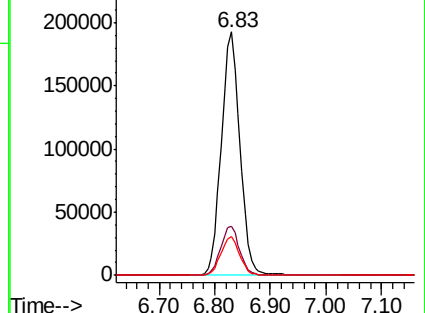
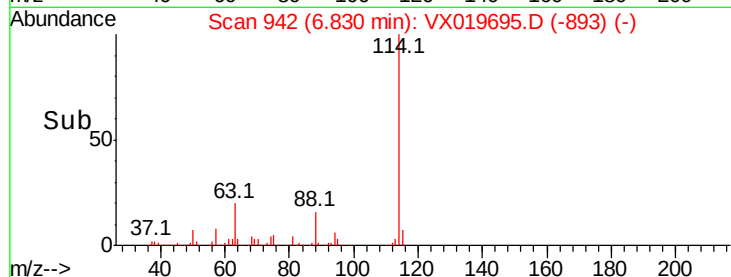
88 16.1 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.586 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

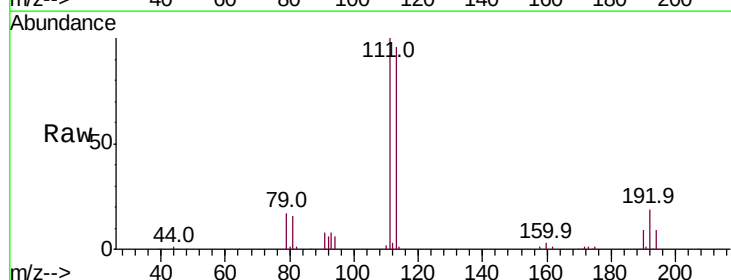
Tgt Ion:113 Resp: 136384

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

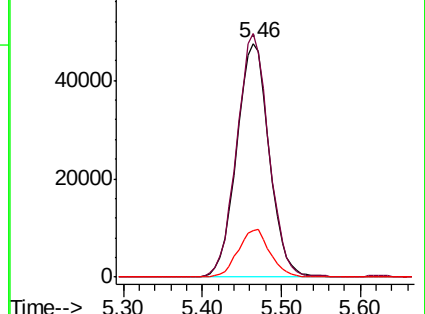
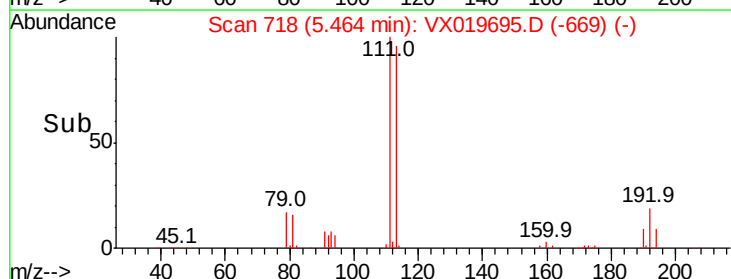
192 20.1 16.2 24.2

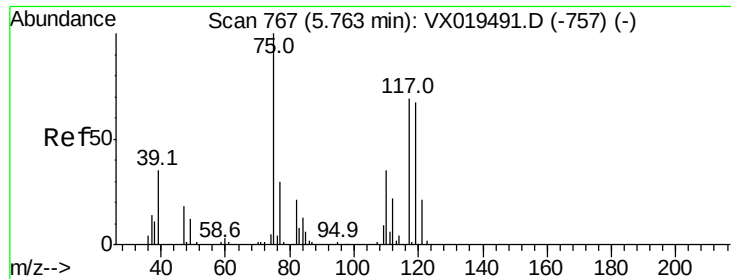


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

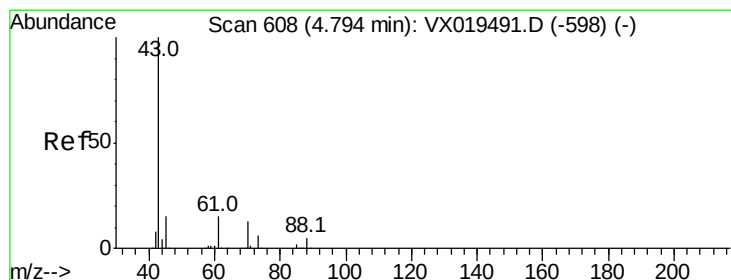
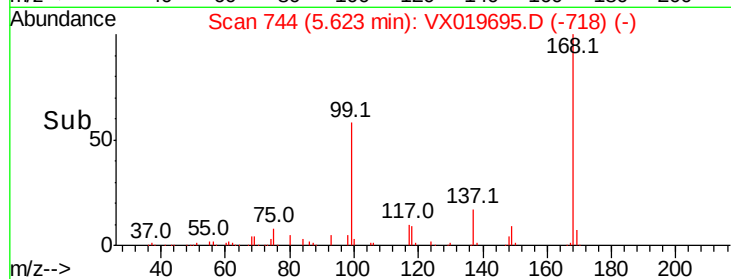
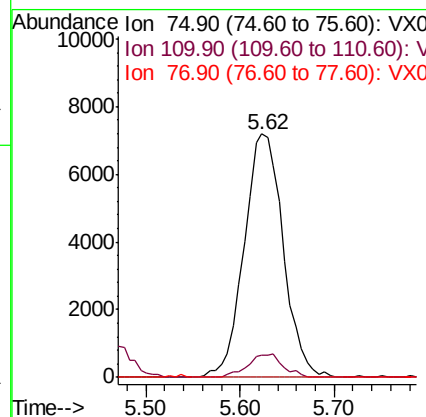
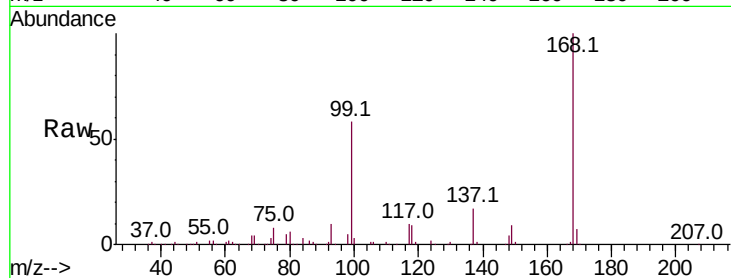




#36
 1,1-Dichloropropene
 Concen: 4.941 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.14 min
 Lab File: VX019695.D
 Acq: 01 Dec 2020 15:11

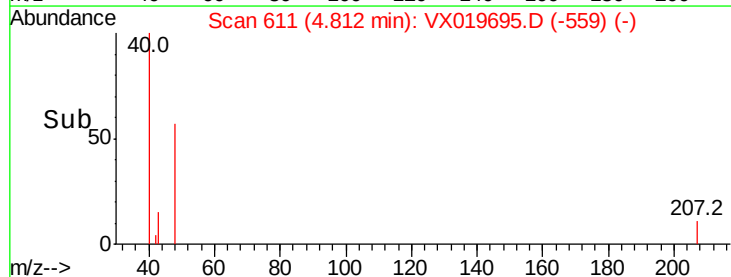
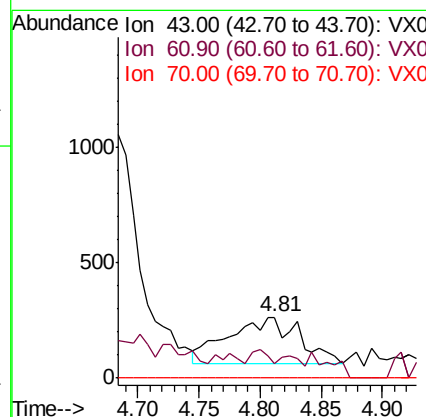
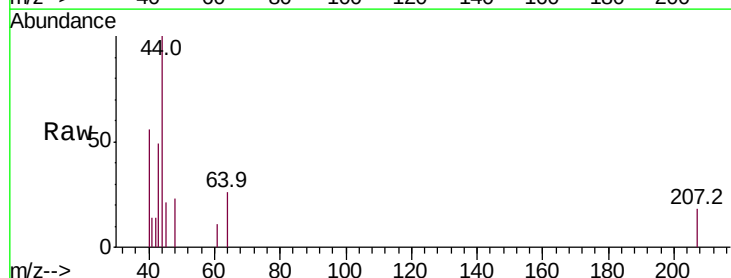
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-00-01-02

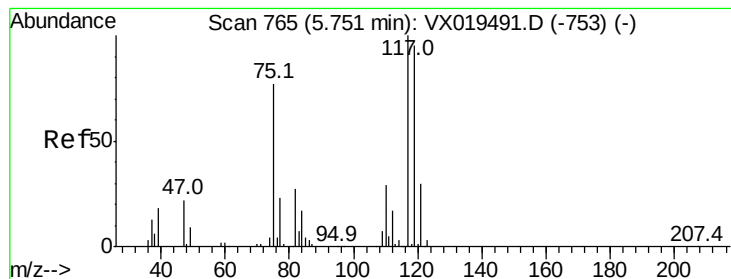
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	18.1	54.3#
77	0.0	24.2	36.4#



#37
 Ethyl Acetate
 Concen: 0.207 ug/l
 RT: 4.81 min Scan# 611
 Delta R.T. 0.02 min
 Lab File: VX019695.D
 Acq: 01 Dec 2020 15:11

Tgt Ion	Ratio	Lower	Upper
43	100		
61	7.4	12.7	19.1#
70	0.0	10.2	15.2#





#38

Carbon Tetrachloride

Concen: 6.533 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

COMP-00-01-02

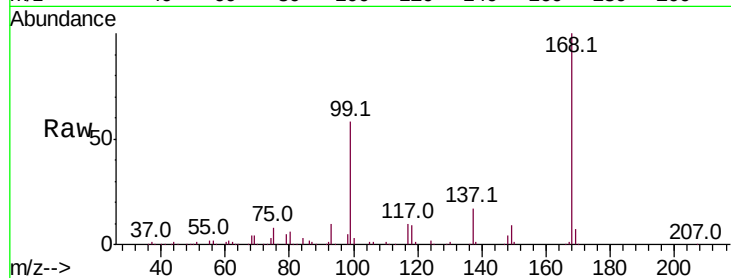
Tot Ion:117 Resp: 26513

Ion Ratio Lower Upper

117 100

119 5.2 75.9 113.9#

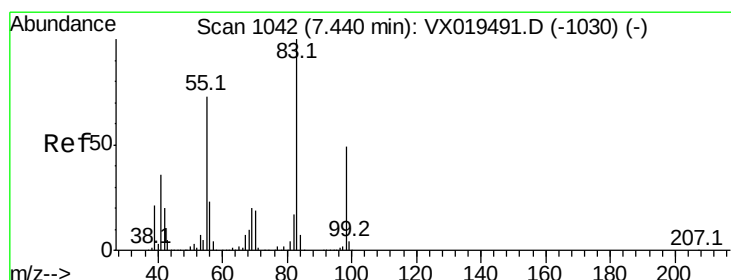
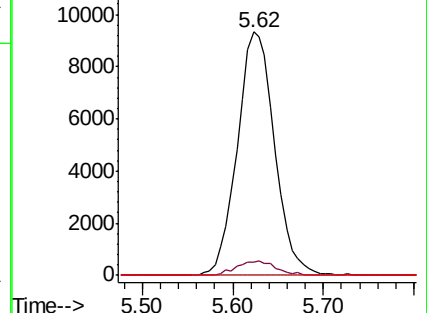
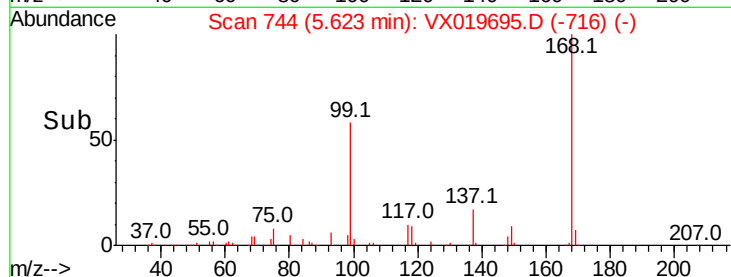
121 0.0 24.0 36.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 0.486 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

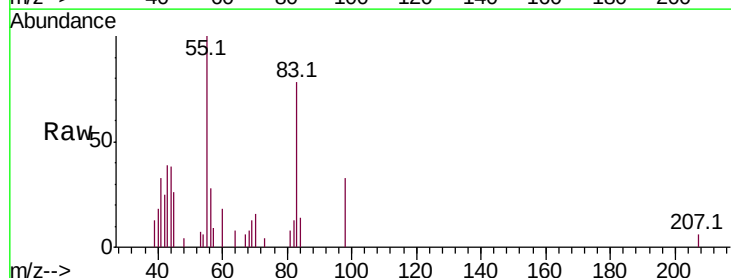
Tgt Ion: 83 Resp: 2373

Ion Ratio Lower Upper

83 100

55 121.9 58.3 87.5#

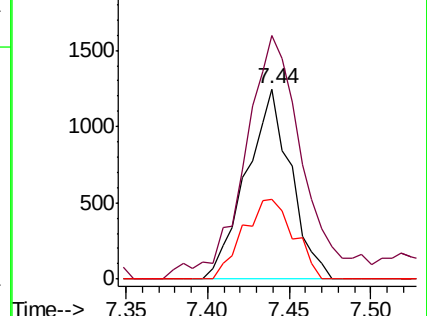
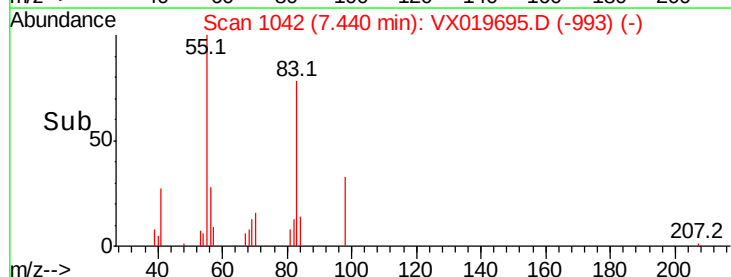
98 41.9 38.9 58.3

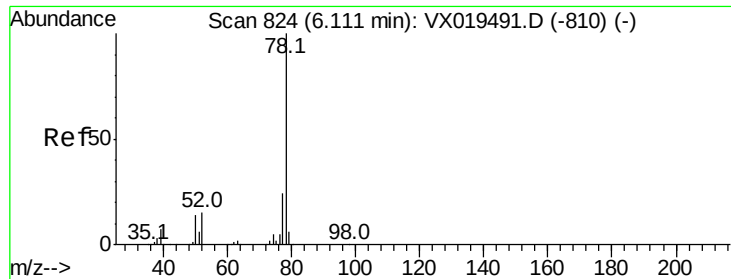


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 50.197 ug/l

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

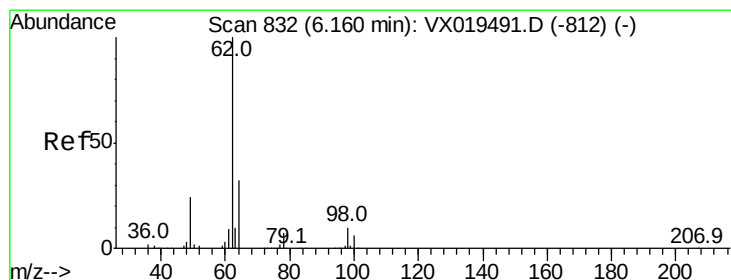
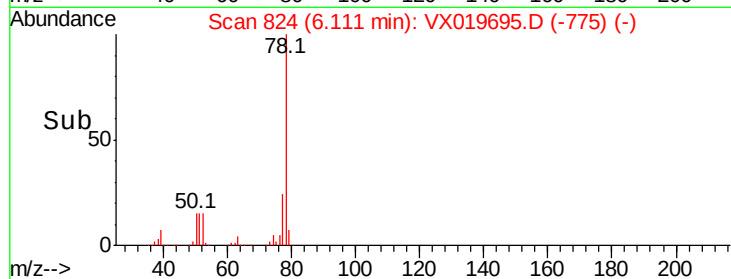
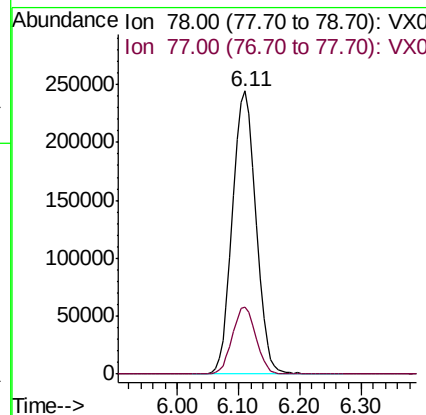
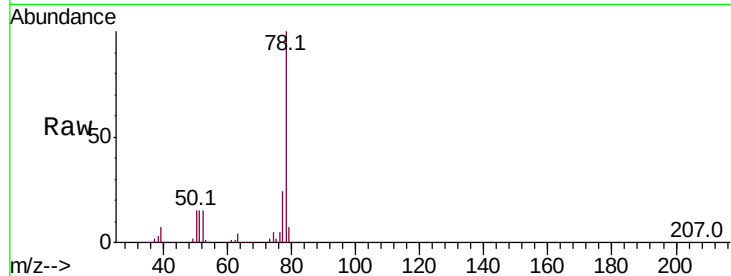
COMP-00-01-02

Tot Ion: 78 Resp: 646611

Ion Ratio Lower Upper

78 100

77 23.5 18.9 28.3



#42

1,2-Dichloroethane

Concen: 1.310 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.04 min

Lab File: VX019695.D

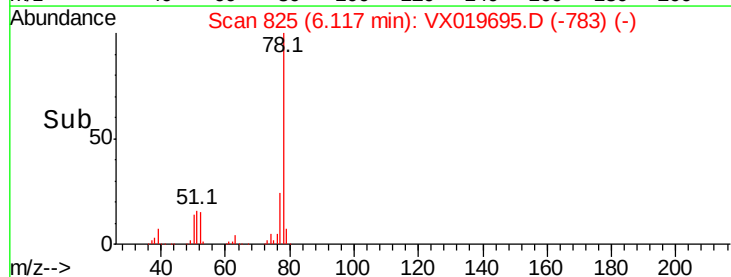
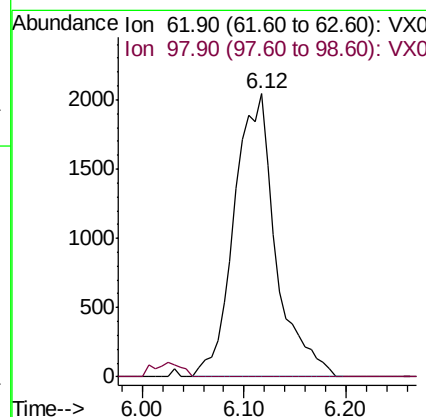
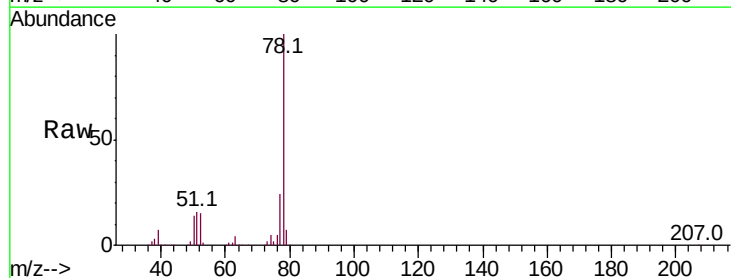
Acq: 01 Dec 2020 15:11

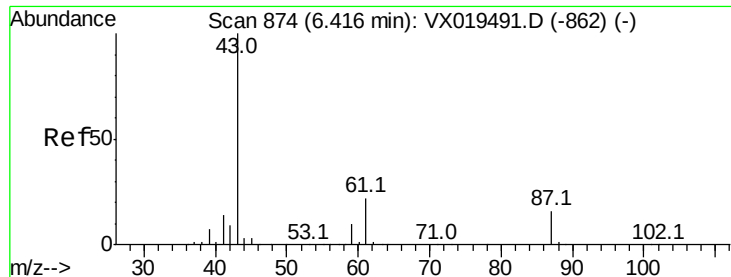
Tgt Ion: 62 Resp: 5784

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.0





#43

Isopropyl Acetate

Concen: 4.506 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

COMP-00-01-02

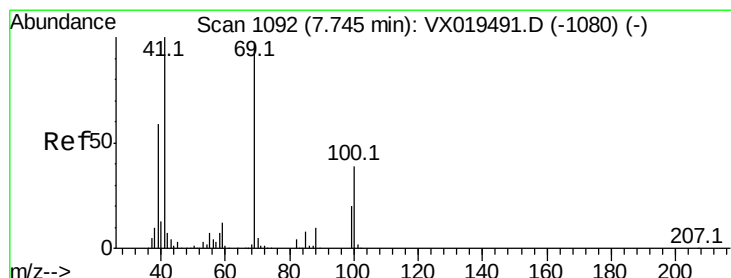
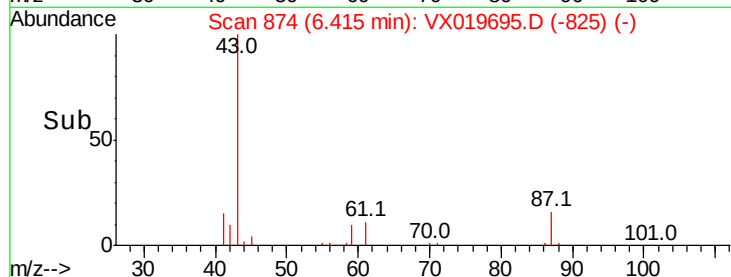
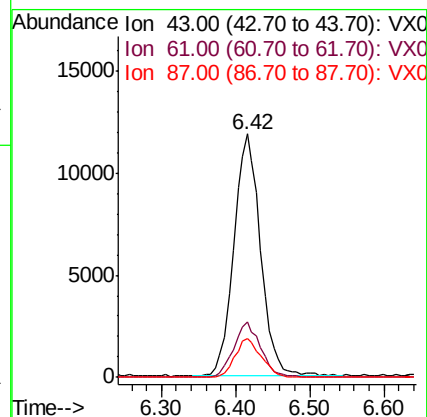
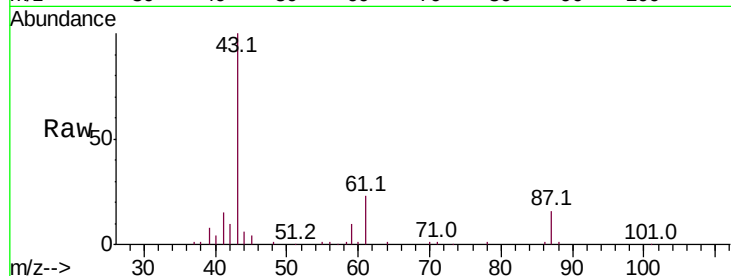
Tot Ion: 43 Resp: 29816

Ion Ratio Lower Upper

43 100

61 22.7 18.2 27.2

87 15.4 12.6 18.8



#48

Methyl methacrylate

Concen: 3.056 ug/l

RT: 7.65 min Scan# 1077

Delta R.T. -0.09 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

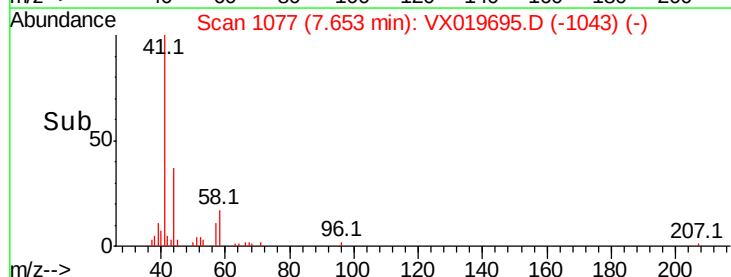
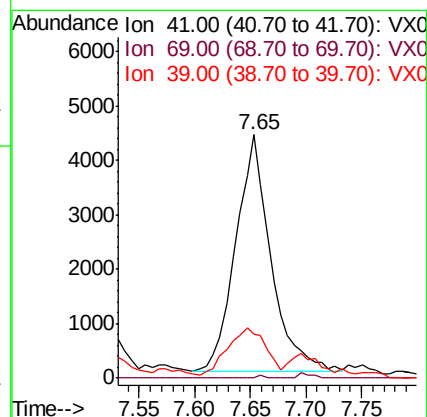
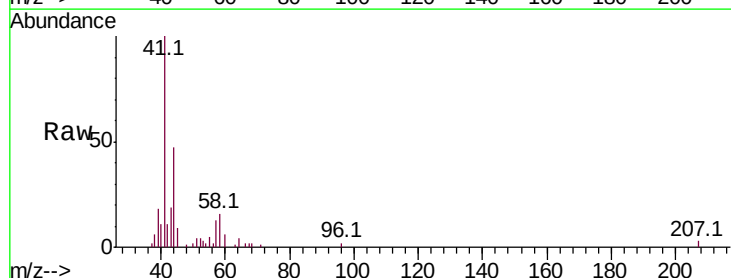
Tgt Ion: 41 Resp: 9469

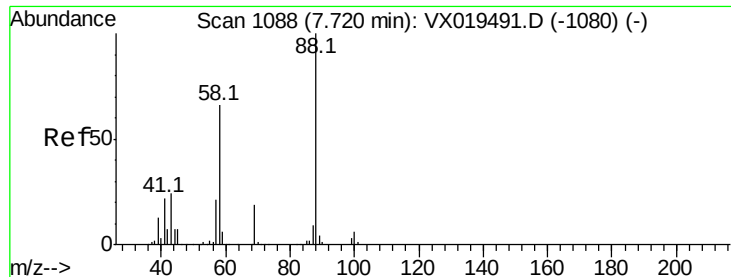
Ion Ratio Lower Upper

41 100

69 0.2 77.0 115.6#

39 0.0 45.6 68.4#





#49

1,4-Dioxane

Concen: 0.753 ug/l

RT: 7.75 min Scan# 1093

Delta R.T. 0.03 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

COMP-00-01-02

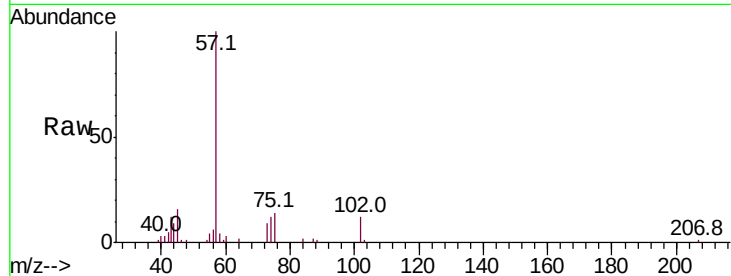
Tot Ion: 88 Resp: 53

Ion Ratio Lower Upper

88 100

43 0.0 23.8 35.6#

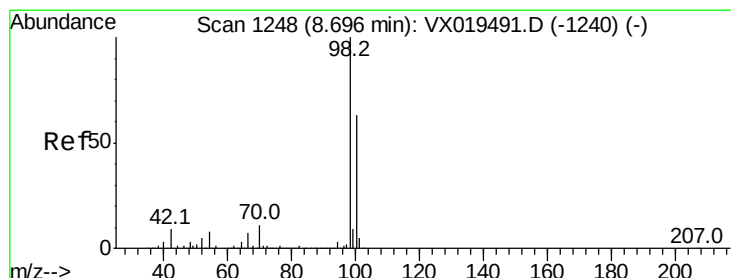
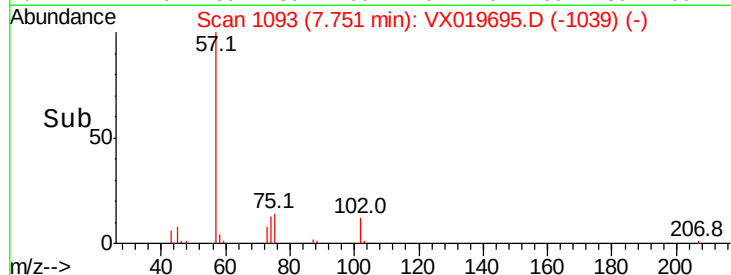
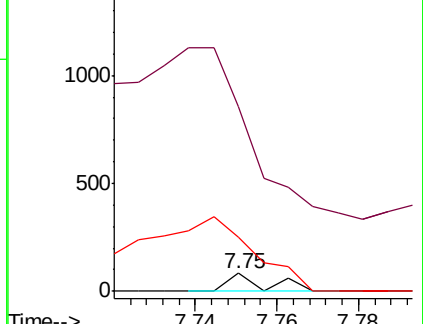
58 1111.3 54.2 81.2#



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: 49.337 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019695.D

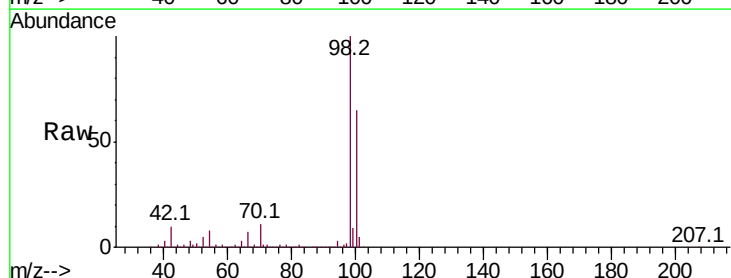
Acq: 01 Dec 2020 15:11

Tgt Ion: 98 Resp: 538166

Ion Ratio Lower Upper

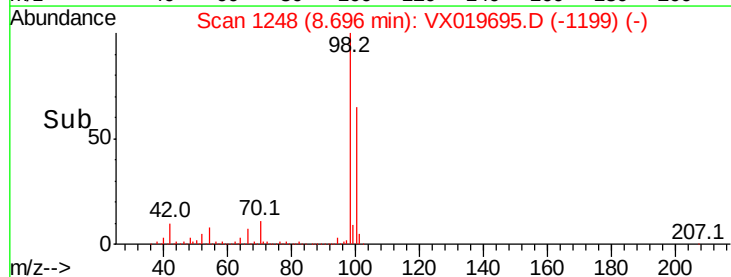
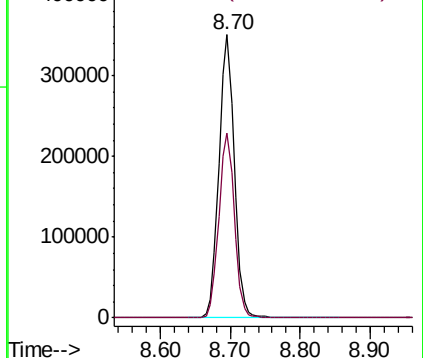
98 100

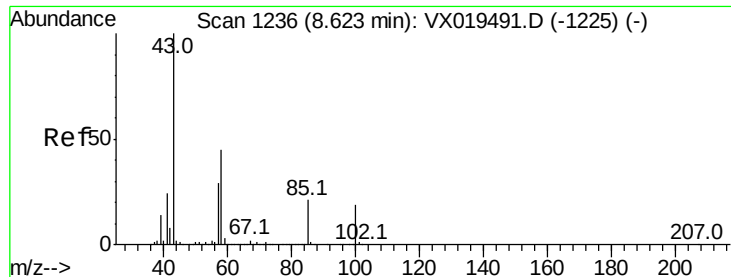
100 65.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

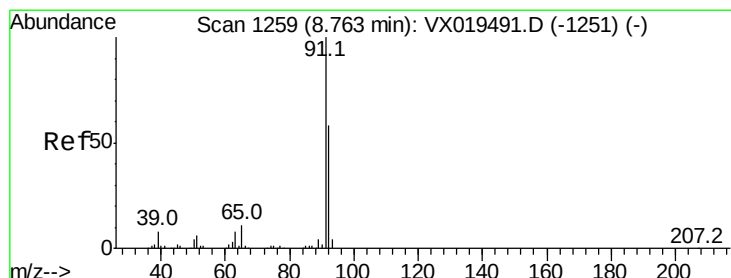
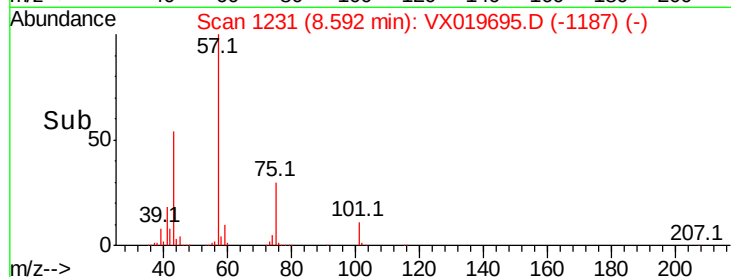
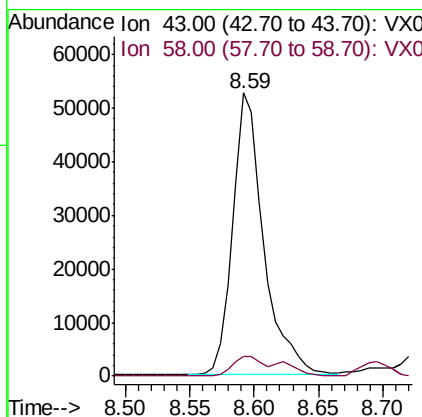
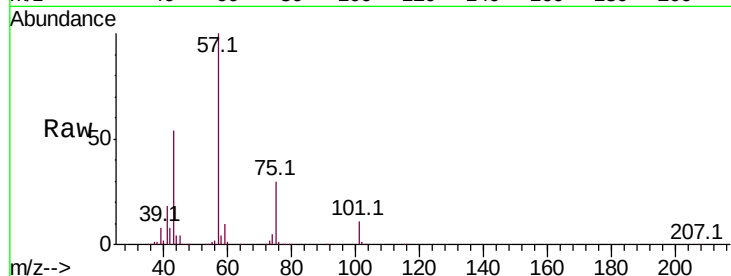




#51
4-Methyl-2-Pentanone
Concen: 22.874 ug/l
RT: 8.59 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VX019695.D
Acq: 01 Dec 2020 15:11

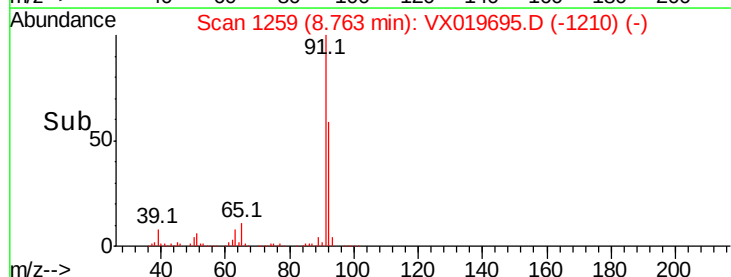
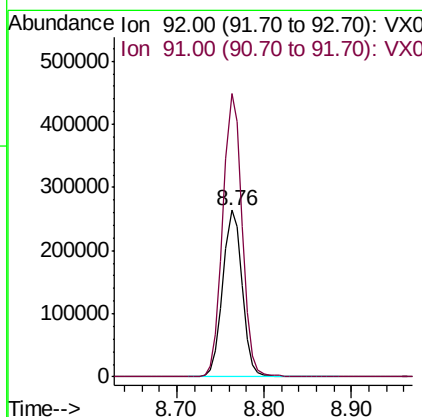
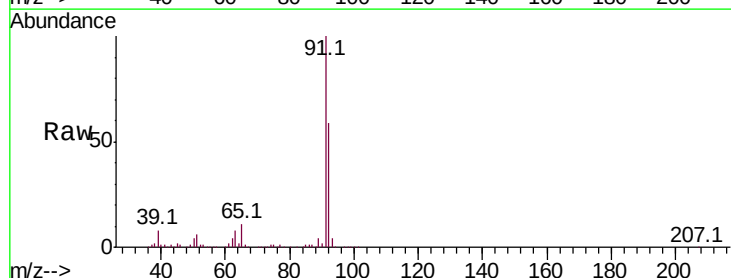
Instrument :
MSVOA_X
ClientSampleId :
COMP-00-01-02

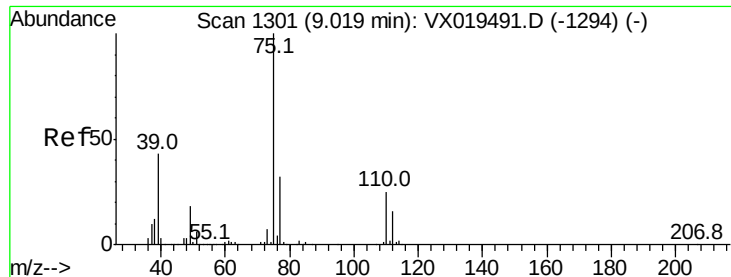
Tot Ion: 43 Resp: 88250
Ion Ratio Lower Upper
43 100
58 6.8 35.1 52.7#



#52
Toluene
Concen: 51.501 ug/l
RT: 8.76 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VX019695.D
Acq: 01 Dec 2020 15:11

Tgt Ion: 92 Resp: 405844
Ion Ratio Lower Upper
92 100
91 169.4 138.1 207.1





#53

t-1,3-Dichloropropene

Concen: 1.003 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.26 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

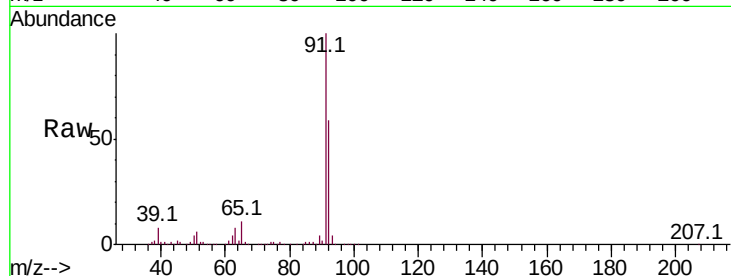
COMP-00-01-02

Tot Ion: 75 Resp: 4562

Ion Ratio Lower Upper

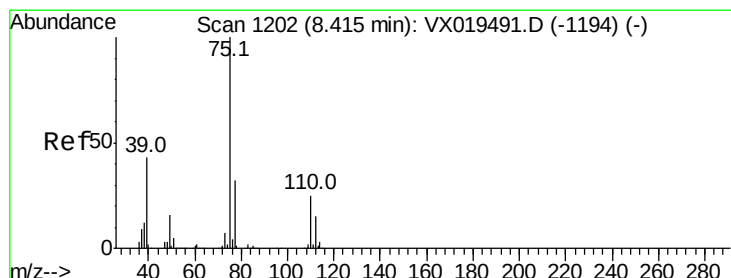
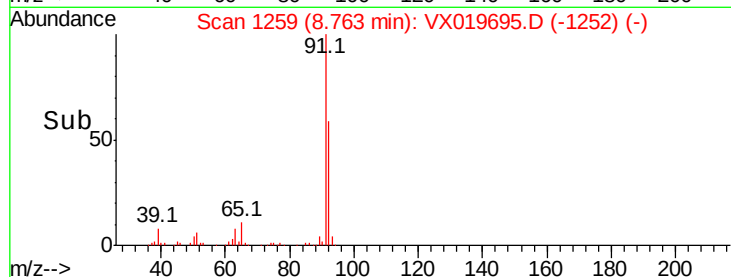
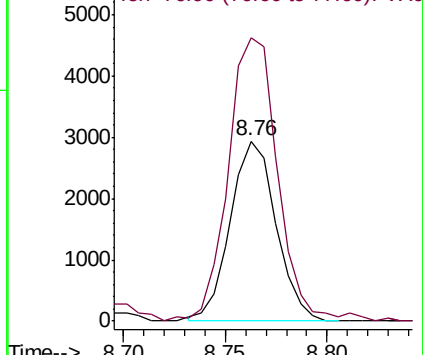
75 100

77 155.5 25.3 37.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 9.028 ug/l

RT: 8.60 min Scan# 1232

Delta R.T. 0.18 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

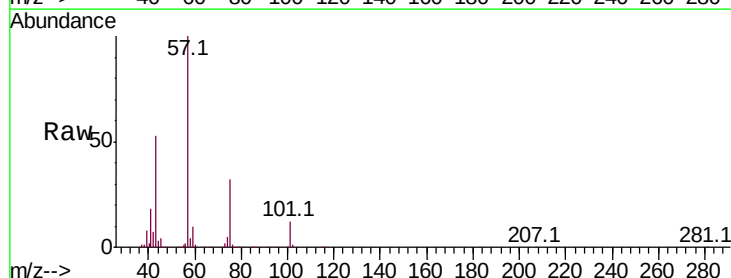
Tgt Ion: 75 Resp: 45569

Ion Ratio Lower Upper

75 100

77 1.0 25.8 38.6#

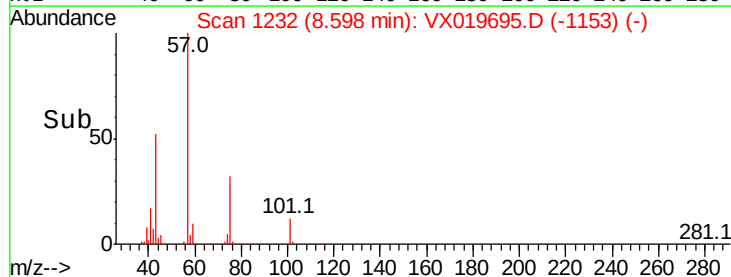
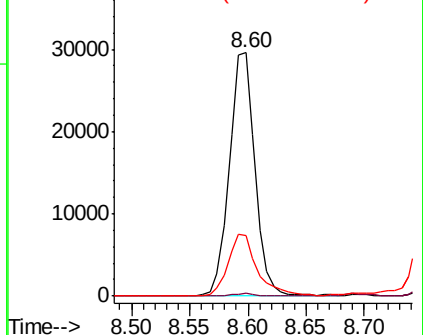
39 24.6 34.6 51.8#

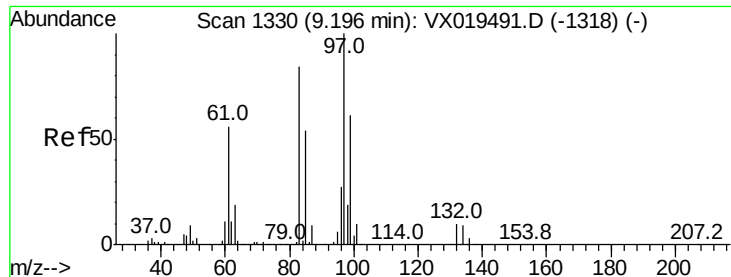


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 0.384 ug/l

RT: 9.06 min Scan# 1307

Delta R.T. -0.14 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

COMP-00-01-02

Tot Ion: 97 Resp: 1231

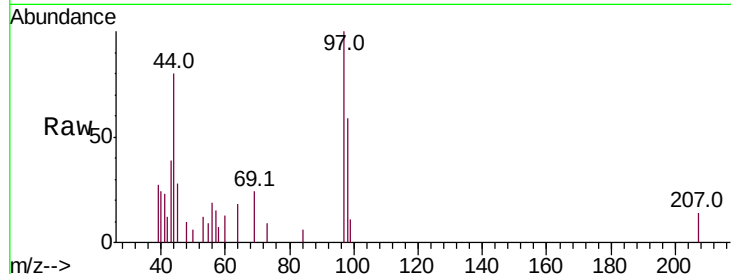
Ion Ratio Lower Upper

97 100

83 0.0 67.0 100.6#

85 0.0 43.4 65.0#

99 10.6 49.0 73.4#

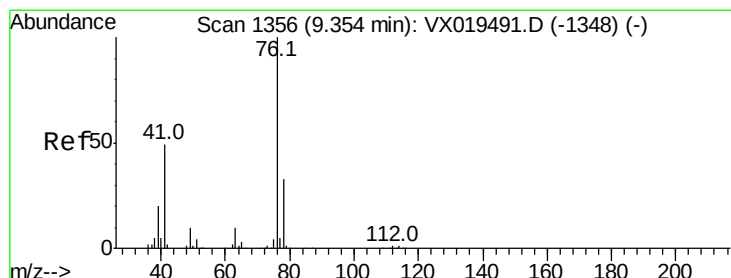
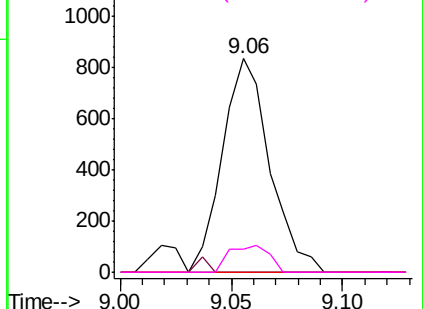
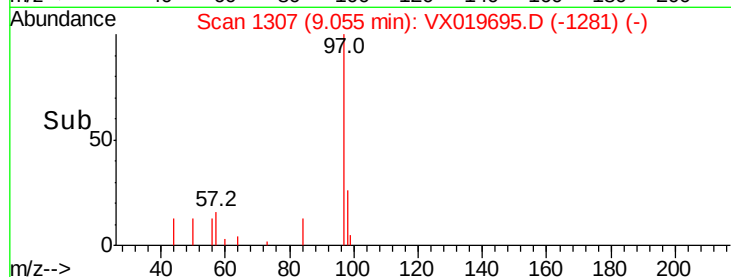


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



#57

1,3-Dichloropropane

Concen: 4.644 ug/l

RT: 9.52 min Scan# 1384

Delta R.T. 0.17 min

Lab File: VX019695.D

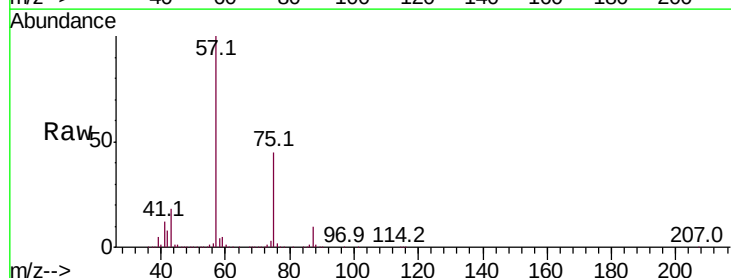
Acq: 01 Dec 2020 15:11

Tgt Ion: 76 Resp: 24954

Ion Ratio Lower Upper

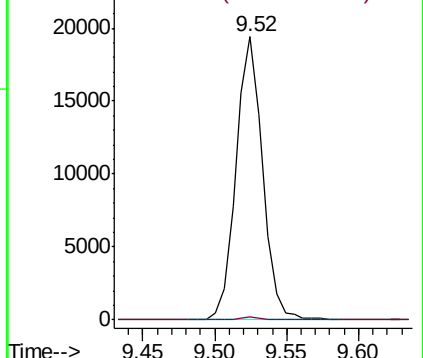
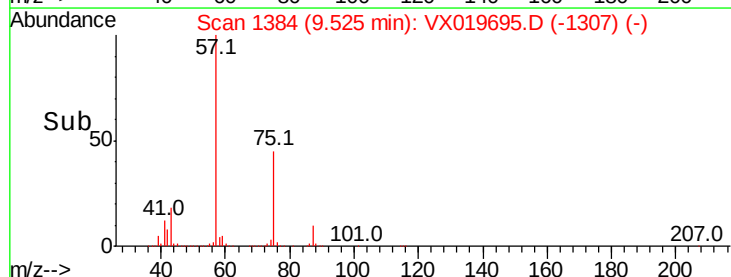
76 100

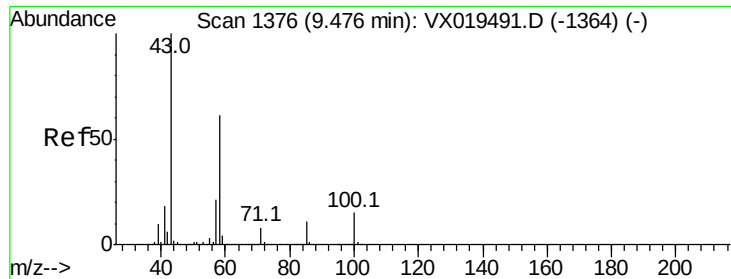
78 0.8 25.7 38.5#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

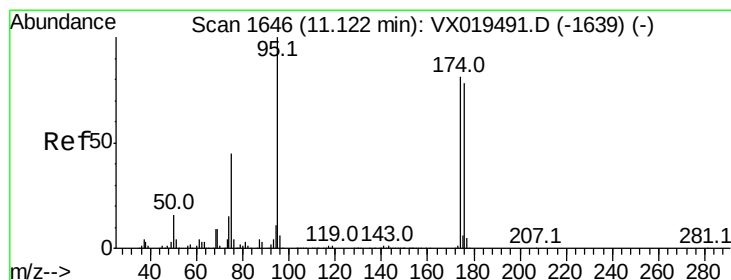
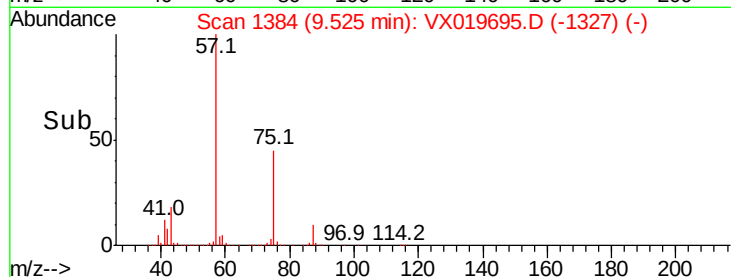
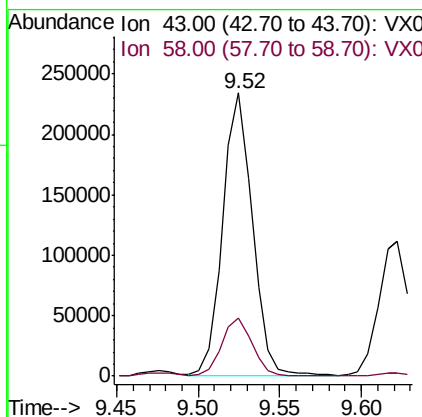
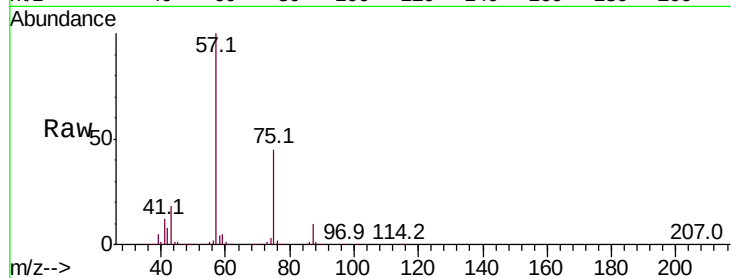




#59
2-Hexanone
Concen: 100.223 ug/l
RT: 9.52 min Scan# 1384
Delta R.T. 0.05 min
Lab File: VX019695.D
Acq: 01 Dec 2020 15:11

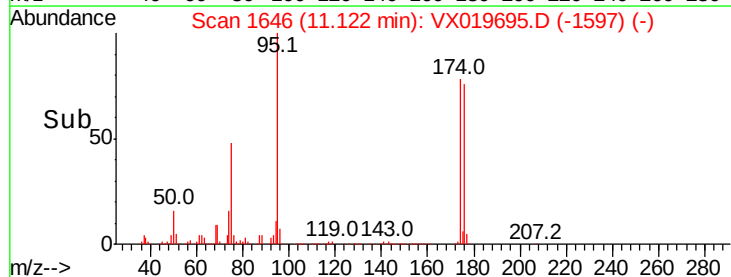
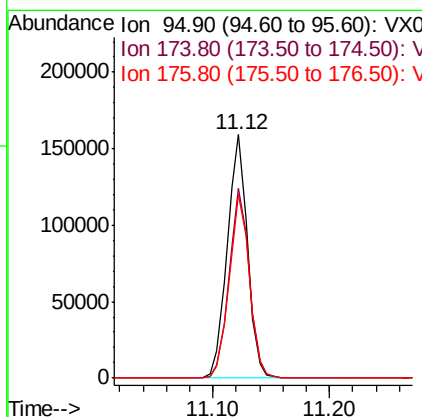
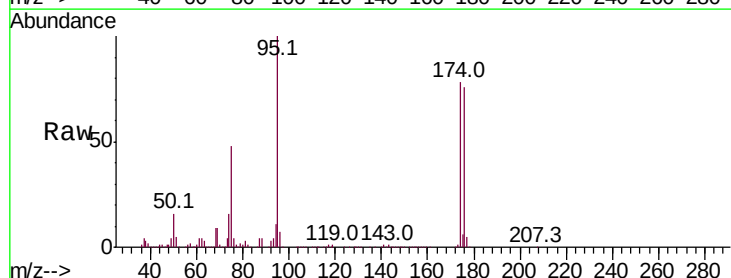
Instrument :
MSVOA_X
ClientSampleId :
COMP-00-01-02

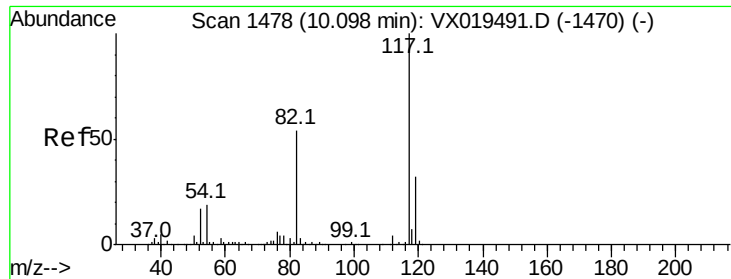
Tot Ion: 43 Resp: 293263
Ion Ratio Lower Upper
43 100
58 21.5 30.6 91.6#



#62
4-Bromofluorobenzene
Concen: 48.918 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019695.D
Acq: 01 Dec 2020 15:11

Tgt Ion: 95 Resp: 191980
Ion Ratio Lower Upper
95 100
174 78.0 0.0 156.2
176 75.6 0.0 151.4

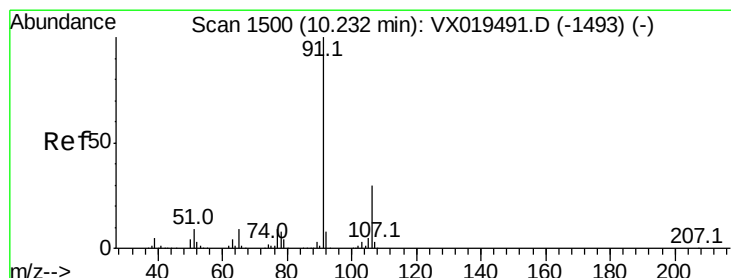
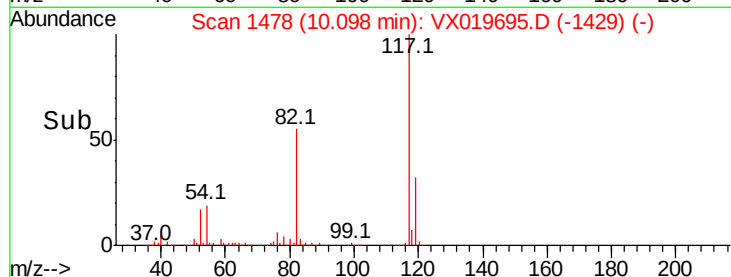
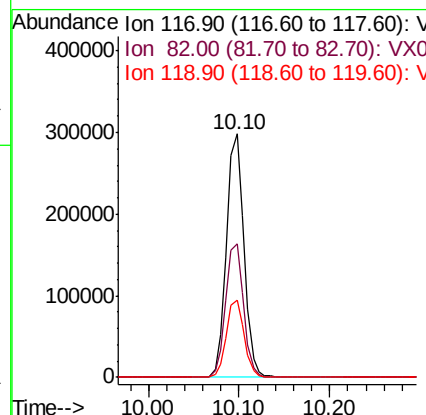
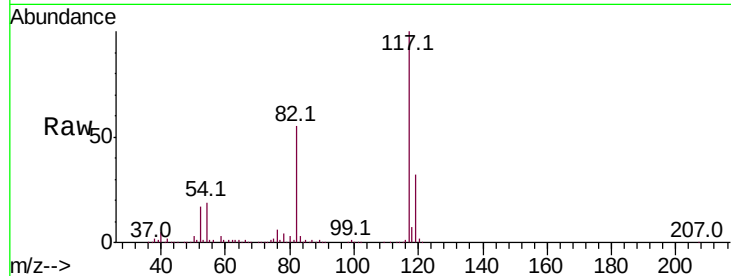




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019695.D
Acq: 01 Dec 2020 15:11

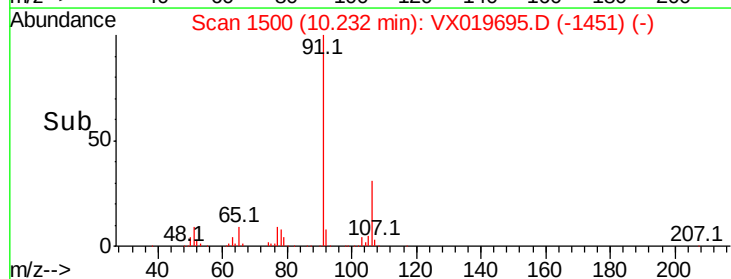
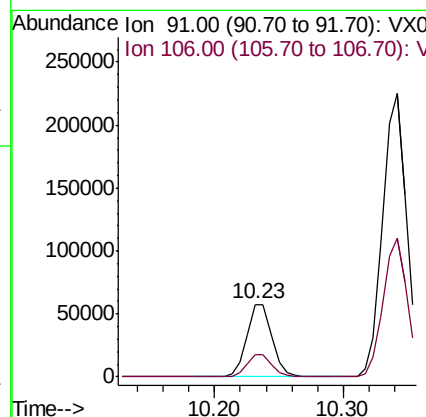
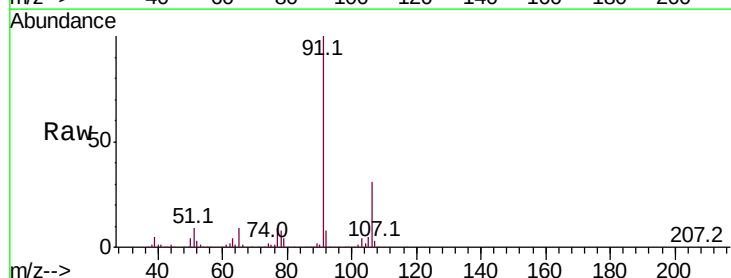
Instrument :
MSVOA_X
ClientSampleId :
COMP-00-01-02

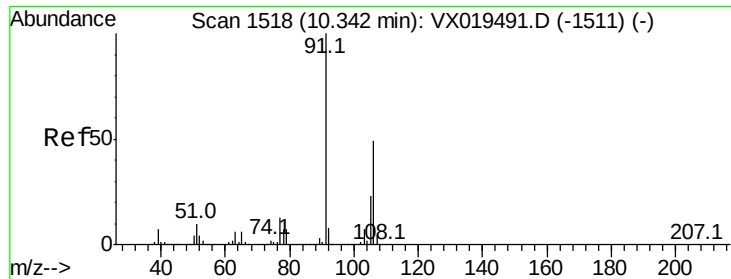
Tot Ion:117 Resp: 402781
Ion Ratio Lower Upper
117 100
82 54.6 43.0 64.4
119 31.5 25.6 38.4



#67
Ethyl Benzene
Concen: 5.381 ug/l
RT: 10.23 min Scan# 1500
Delta R.T. -0.00 min
Lab File: VX019695.D
Acq: 01 Dec 2020 15:11

Tgt Ion: 91 Resp: 78059
Ion Ratio Lower Upper
91 100
106 31.3 24.0 36.0

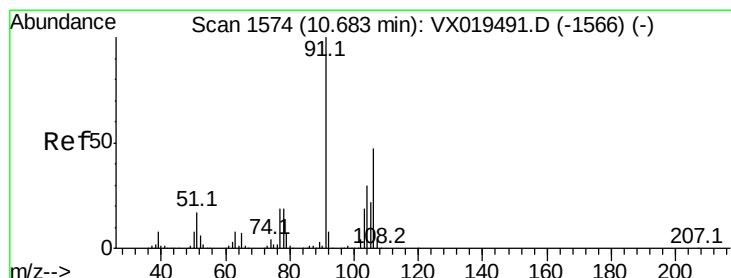
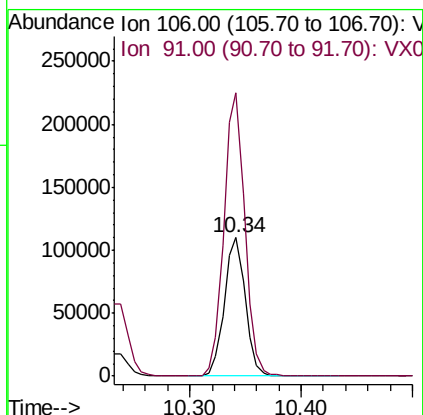
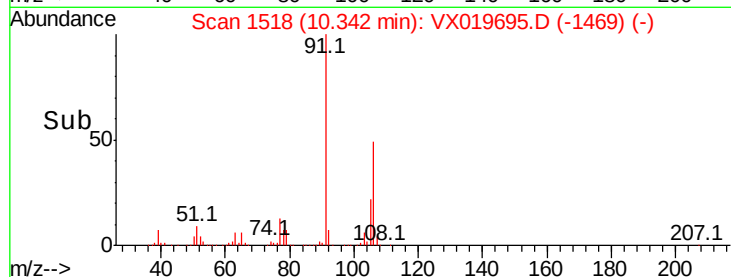
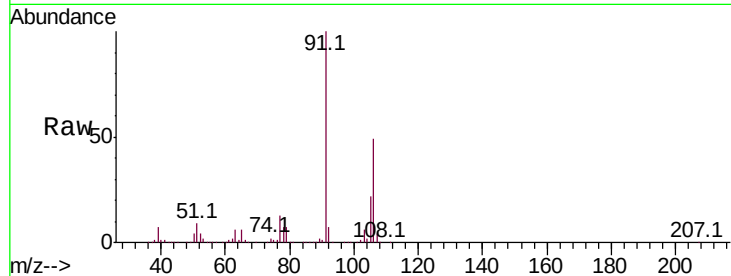




#68
m/p-Xylenes
Concen: 26.510 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. -0.00 min
Lab File: VX019695.D
Acq: 01 Dec 2020 15:11

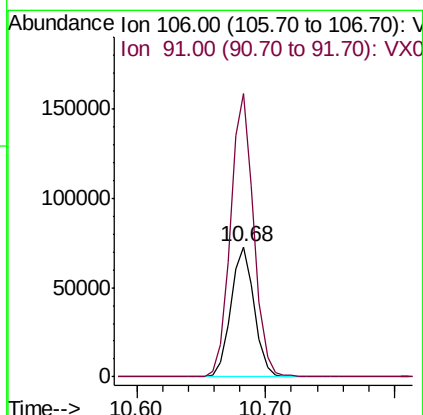
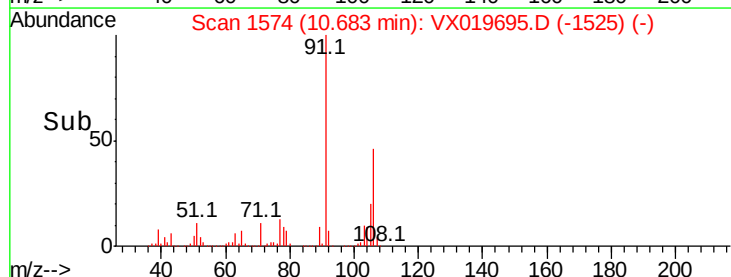
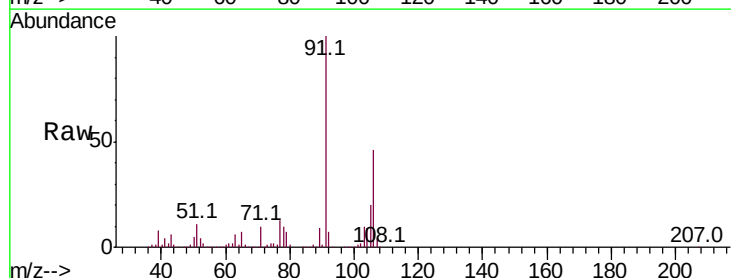
Instrument :
MSVOA_X
ClientSampleId :
COMP-00-01-02

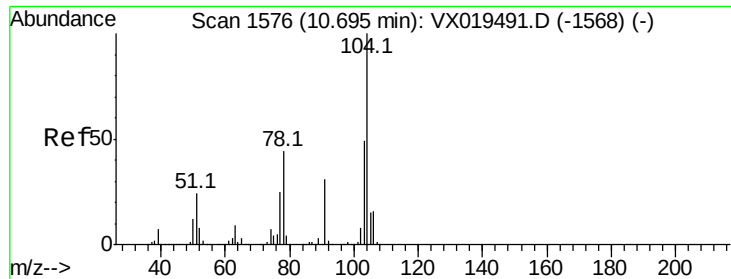
Tot Ion:106 Resp: 143286
Ion Ratio Lower Upper
106 100
91 203.7 163.3 244.9



#69
o-Xylene
Concen: 17.874 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019695.D
Acq: 01 Dec 2020 15:11

Tgt Ion:106 Resp: 92348
Ion Ratio Lower Upper
106 100
91 215.6 108.0 324.0

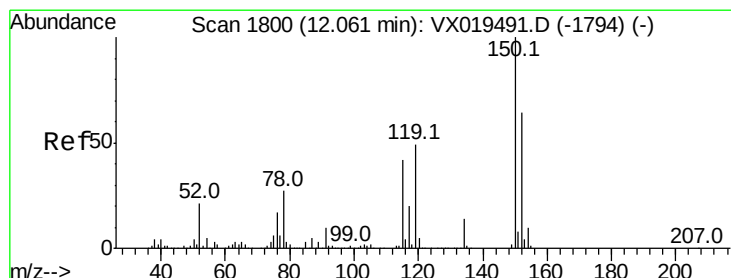
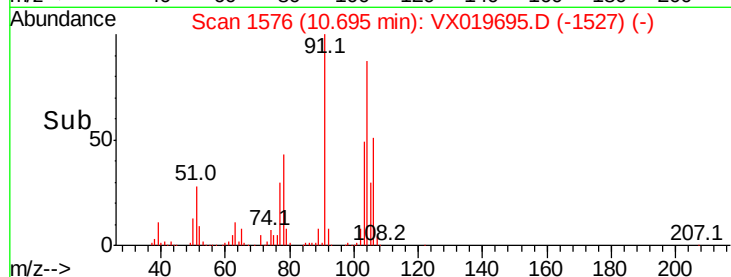
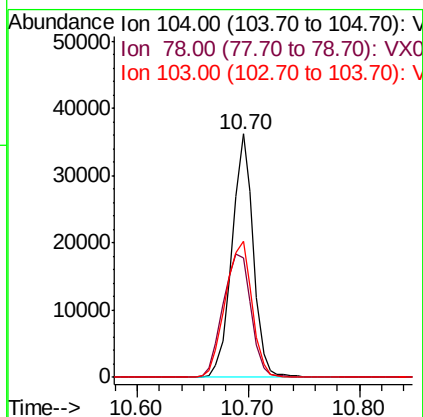
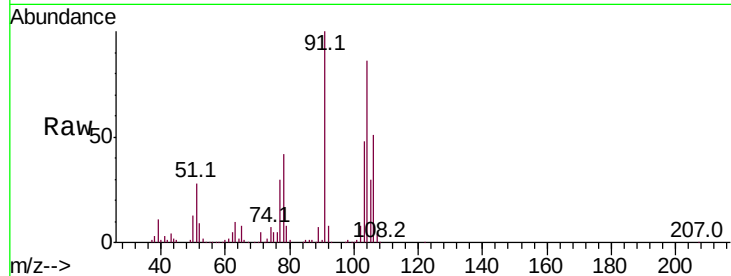




#70
Stvrene
Concen: 6.492 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX019695.D
Acq: 01 Dec 2020 15:11

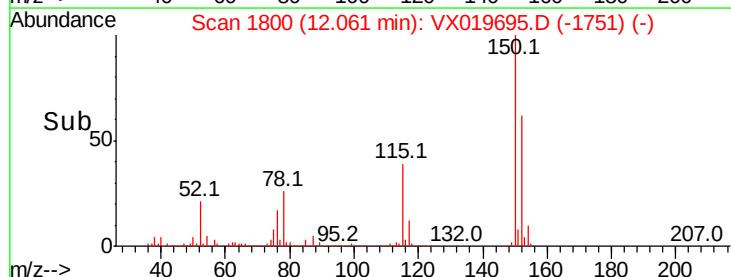
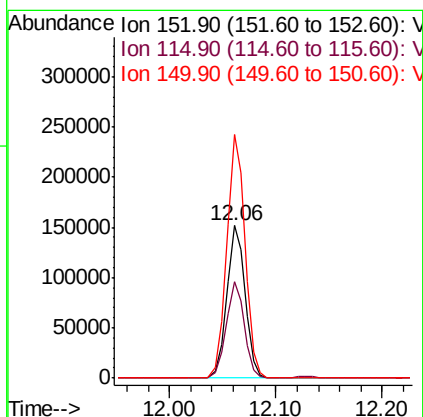
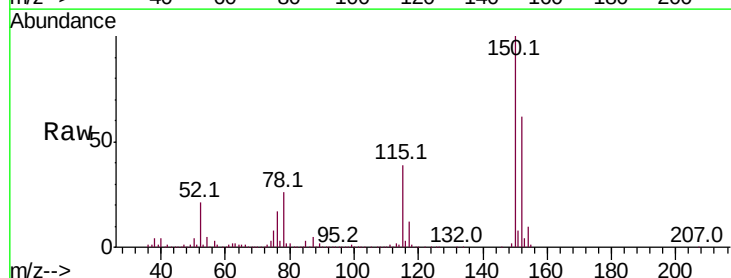
Instrument :
MSVOA_X
ClientSampleId :
COMP-00-01-02

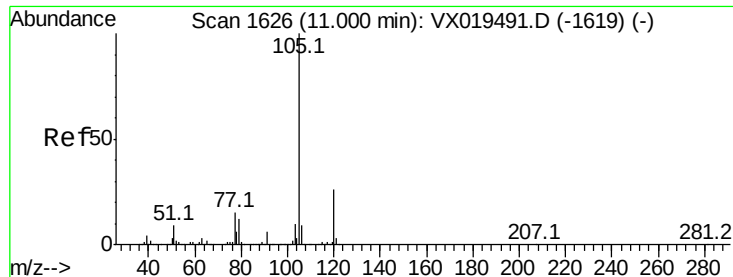
Tot Ion:104 Resp: 47923
Ion Ratio Lower Upper
104 100
78 66.7 39.5 59.3#
103 69.7 43.6 65.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019695.D
Acq: 01 Dec 2020 15:11

Tgt Ion:152 Resp: 182802
Ion Ratio Lower Upper
152 100
115 61.8 41.8 125.4
150 159.9 0.0 348.2





#73

Isopropylbenzene

Concen: 0.438 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

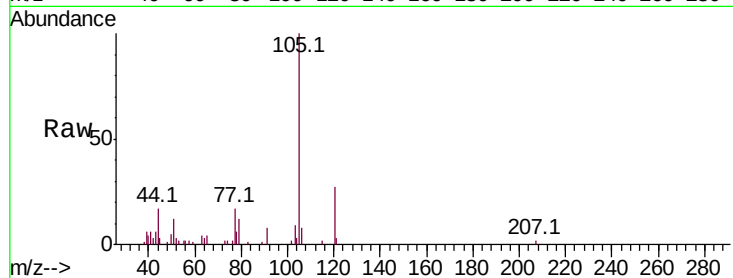
COMP-00-01-02

Tot Ion:105 Resp: 5545

Ion Ratio Lower Upper

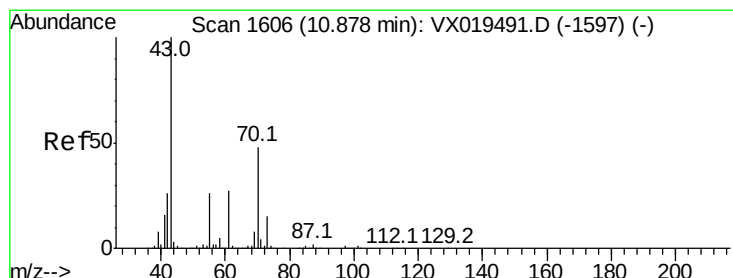
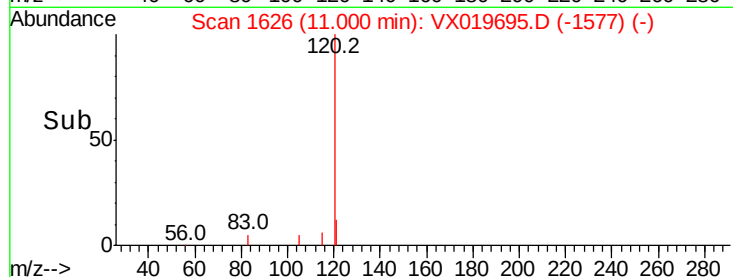
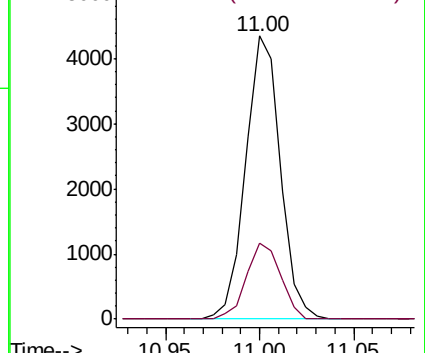
105 100

120 26.6 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 0.850 ug/l

RT: 10.80 min Scan# 1594

Delta R.T. -0.07 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

Tgt Ion: 43 Resp: 4026

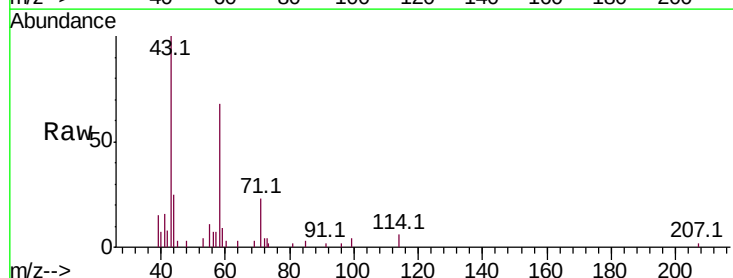
Ion Ratio Lower Upper

43 100

70 0.0 39.7 59.5#

55 19.7 21.8 32.6#

61 0.0 22.2 33.4#

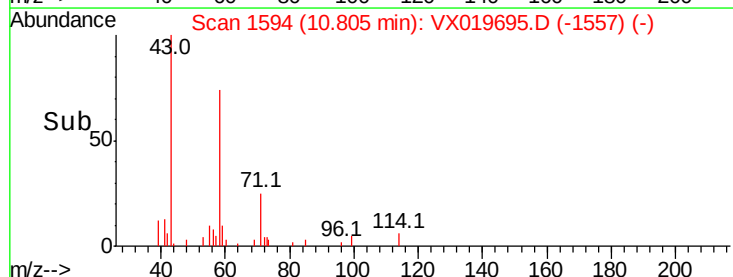
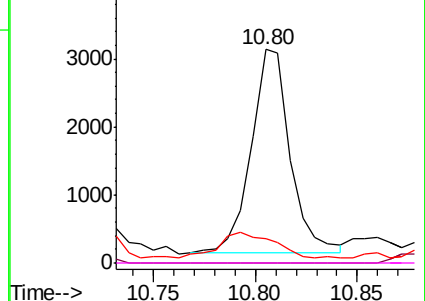


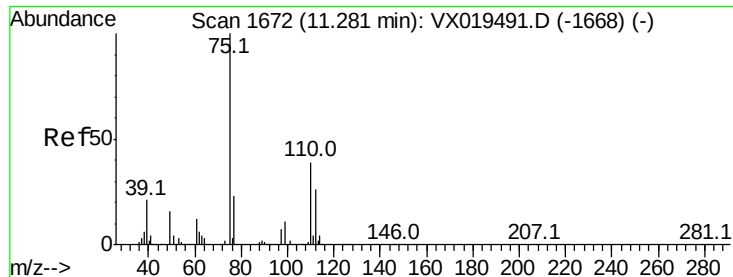
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 23.219 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

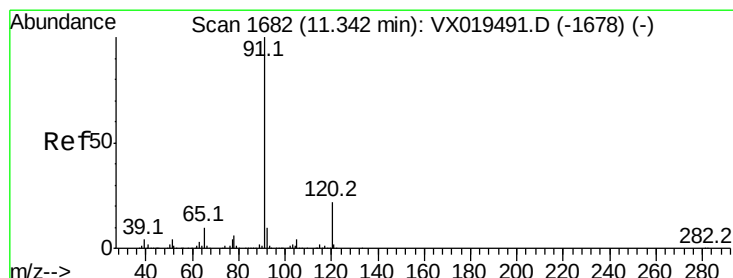
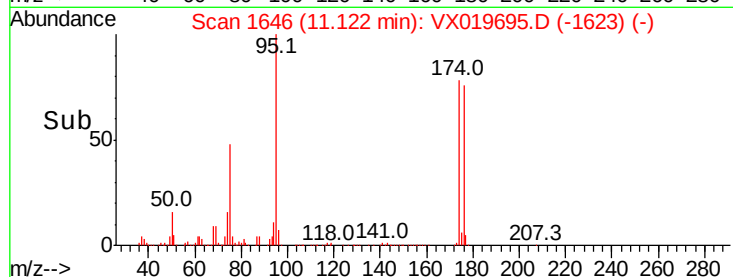
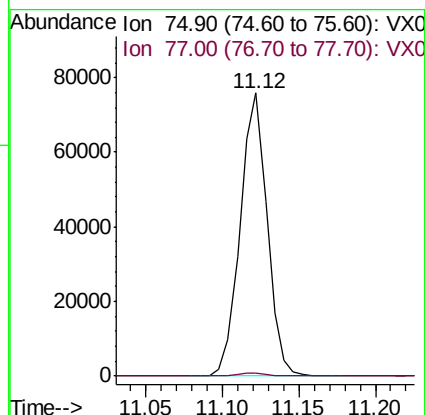
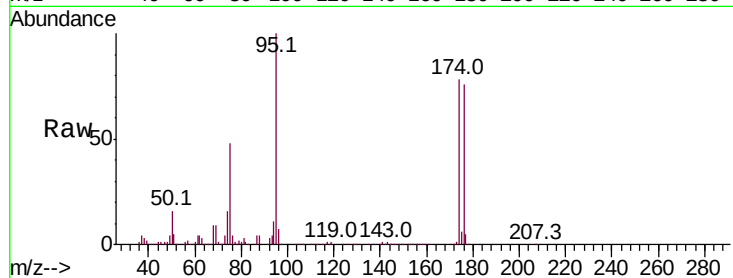
COMP-00-01-02

Tot Ion: 75 Resp: 92629

Ion Ratio Lower Upper

75 100

77 1.3 20.0 60.0#



#78

n-propylbenzene

Concen: 0.491 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. -0.00 min

Lab File: VX019695.D

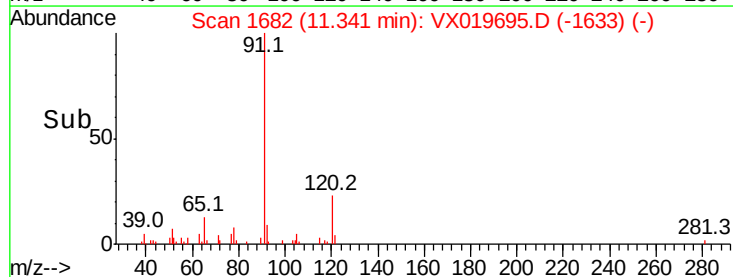
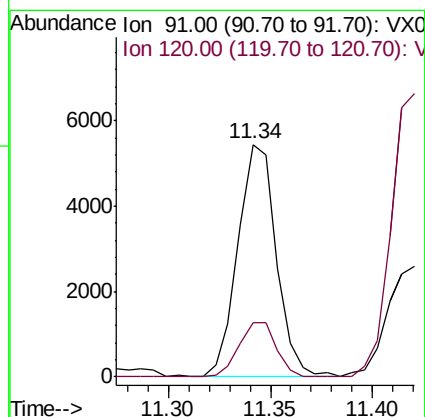
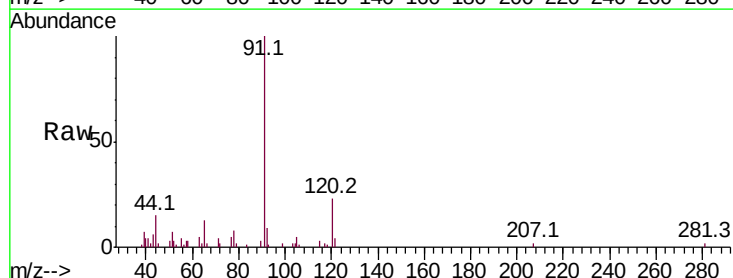
Acq: 01 Dec 2020 15:11

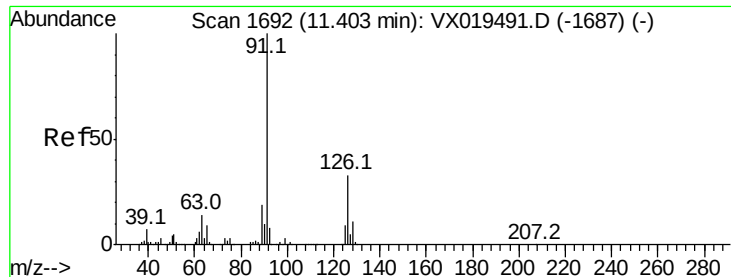
Tgt Ion: 91 Resp: 7122

Ion Ratio Lower Upper

91 100

120 22.6 11.5 34.4

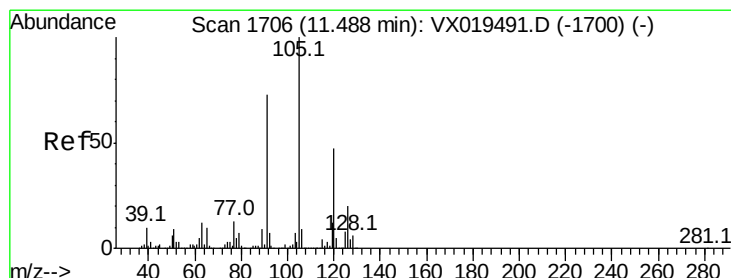
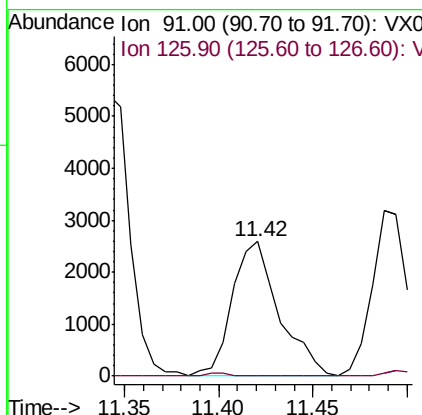
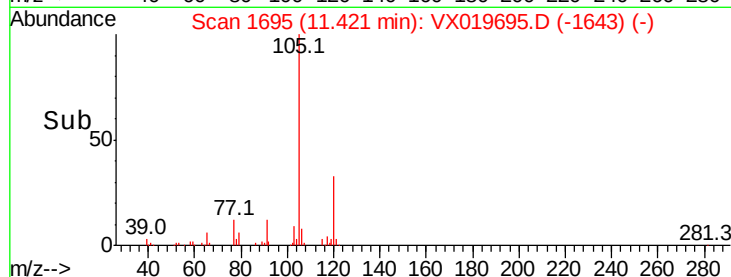
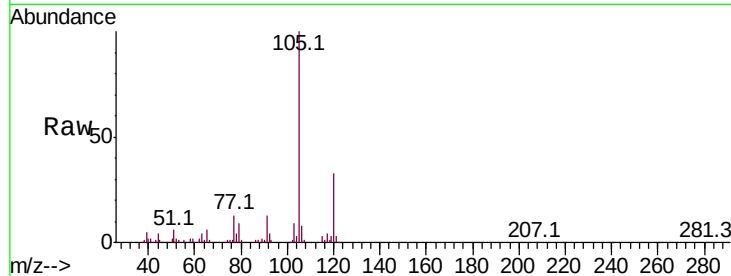




#79
 2-Chlorotoluene
 Concen: 0.511 ug/l
 RT: 11.42 min Scan# 1695
 Delta R.T. 0.02 min
 Lab File: VX019695.D
 Acq: 01 Dec 2020 15:11

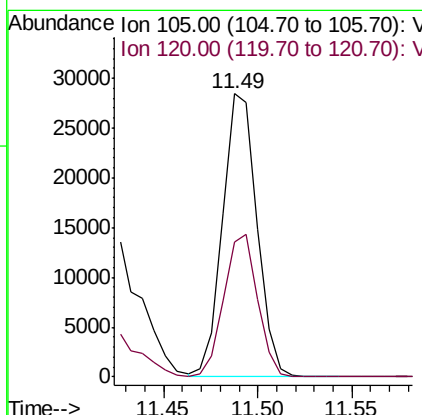
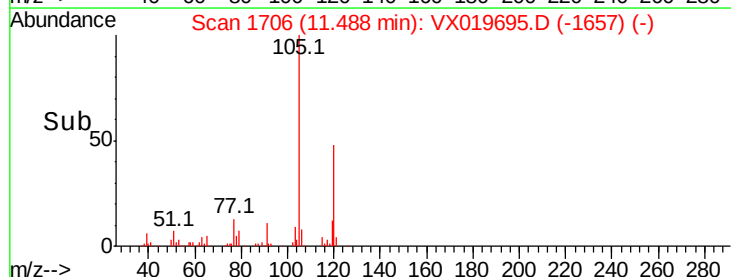
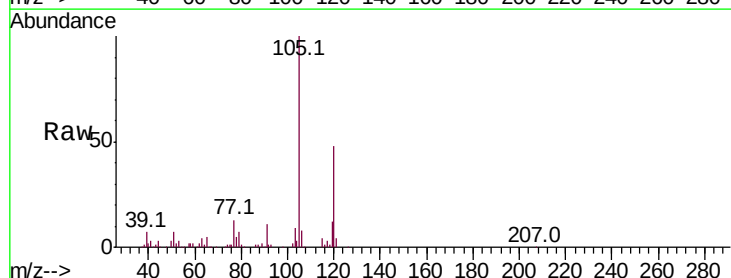
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-00-01-02

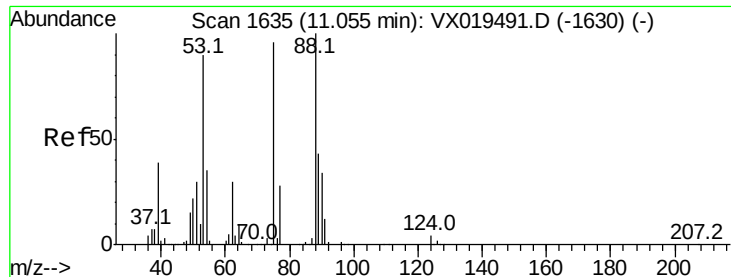
Tot Ion: 91 Resp: 4499
 Ion Ratio Lower Upper
 91 100
 126 0.9 16.7 50.0#



#80
 1,3,5-Trimethylbenzene
 Concen: 3.401 ug/l
 RT: 11.49 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX019695.D
 Acq: 01 Dec 2020 15:11

Tgt Ion: 105 Resp: 36082
 Ion Ratio Lower Upper
 105 100
 120 49.3 24.1 72.3





#81

trans-1,4-Dichloro-2-butene

Concen: 61.637 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

COMP-00-01-02

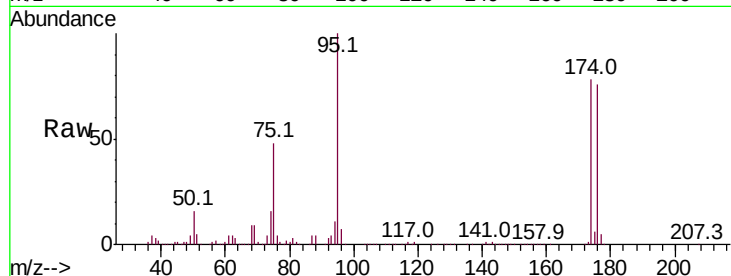
Tot Ion: 75 Resp: 92629

Ion Ratio Lower Upper

75 100

53 0.1 73.9 110.9#

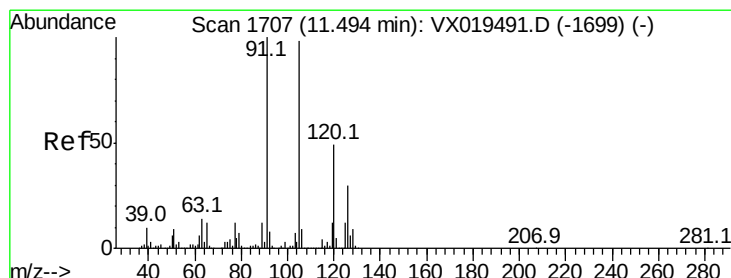
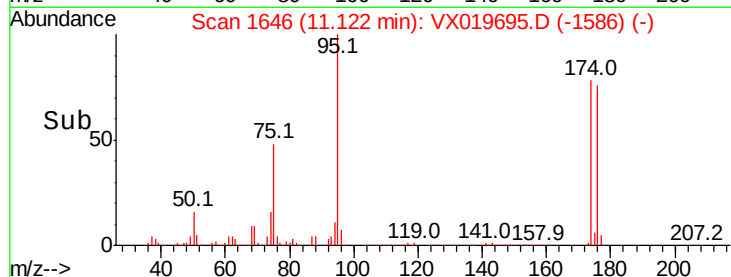
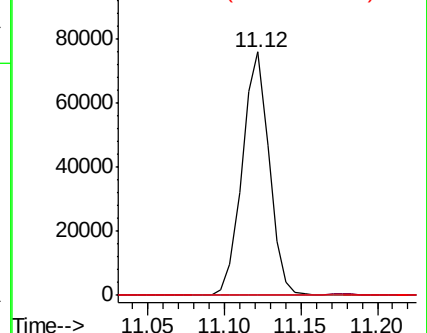
89 0.0 37.3 55.9#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 0.396 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX019695.D

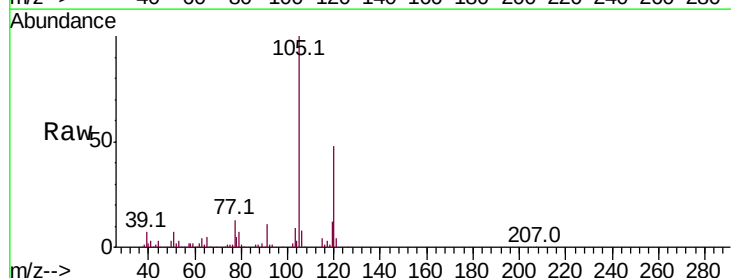
Acq: 01 Dec 2020 15:11

Tgt Ion: 91 Resp: 4101

Ion Ratio Lower Upper

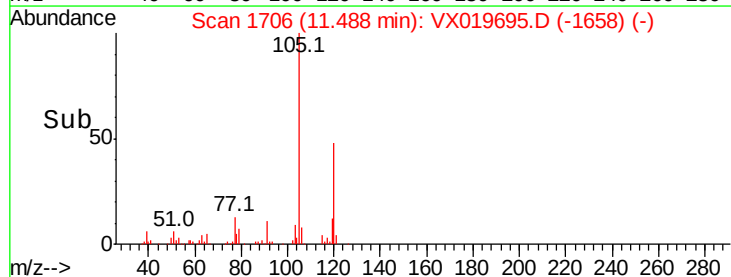
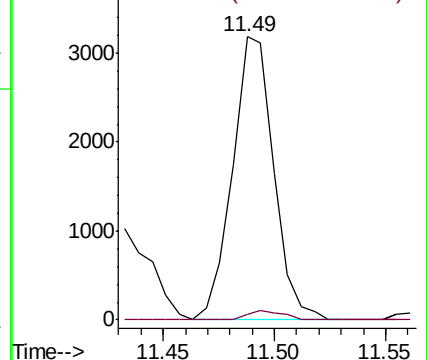
91 100

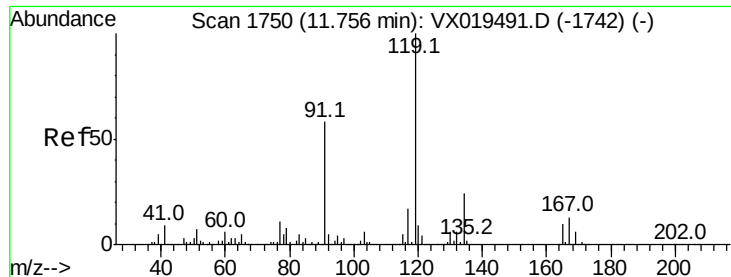
126 2.7 14.9 44.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

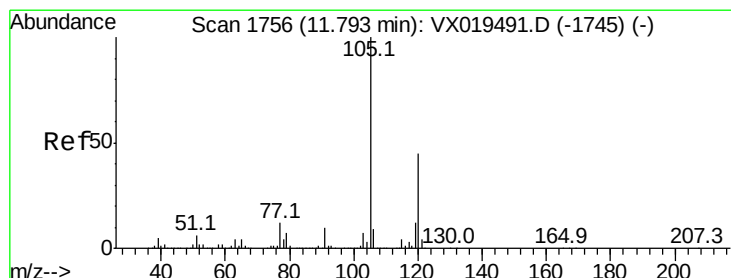
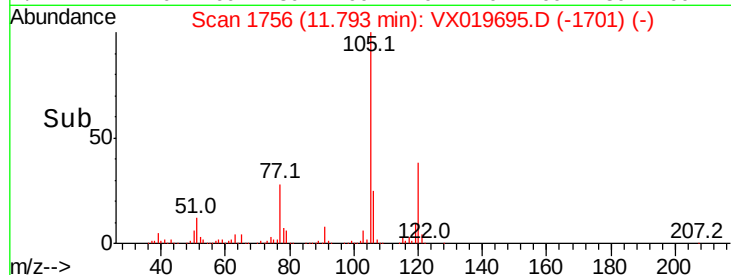
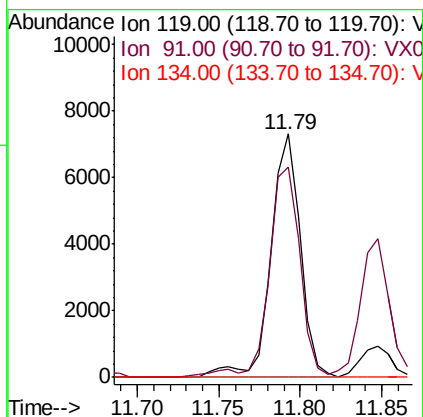
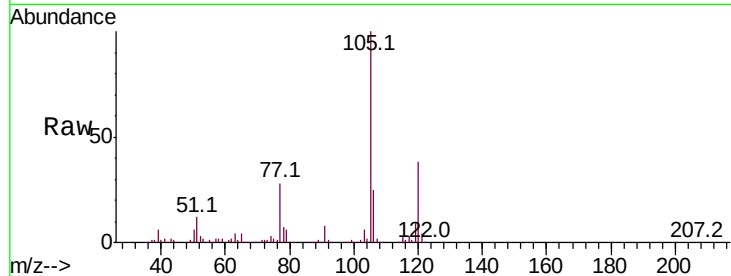




#83
 tert-Butylbenzene
 Concen: 0.896 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.04 min
 Lab File: VX019695.D
 Acq: 01 Dec 2020 15:11

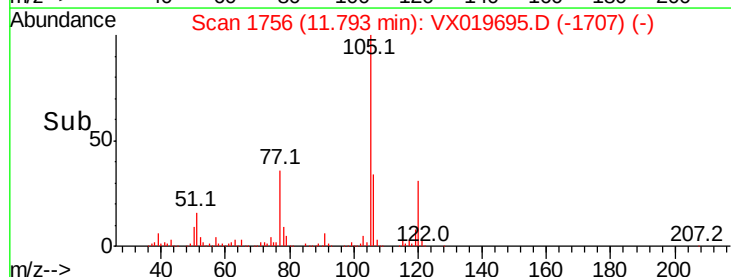
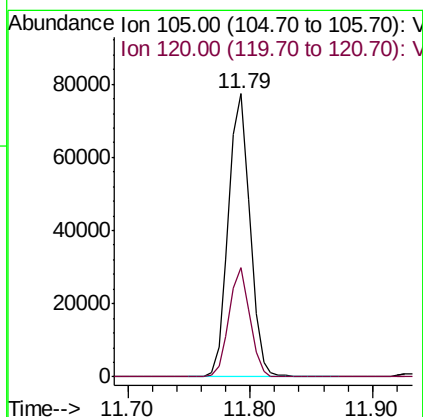
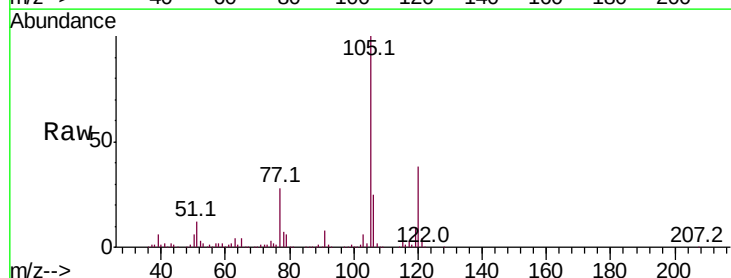
Instrument :
 MSVOA_X
 ClientSampleId :
 COMP-00-01-02

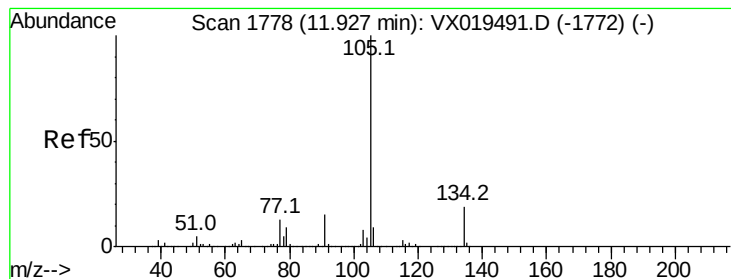
Tot Ion:119 Resp: 9193
 Ion Ratio Lower Upper
 119 100
 91 91.1 28.9 86.8#
 134 0.0 11.7 35.0#



#84
 1,2,4-Trimethylbenzene
 Concen: 8.795 ug/l
 RT: 11.79 min Scan# 1756
 Delta R.T. -0.00 min
 Lab File: VX019695.D
 Acq: 01 Dec 2020 15:11

Tgt Ion:105 Resp: 94406
 Ion Ratio Lower Upper
 105 100
 120 36.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 7.732 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.13 min

Lab File: VX019695.D

Acq: 01 Dec 2020 15:11

Instrument :

MSVOA_X

ClientSampleId :

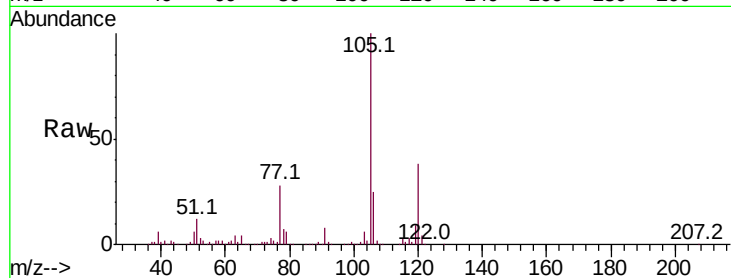
COMP-00-01-02

Tot Ion:105 Resp: 94406

Ion Ratio Lower Upper

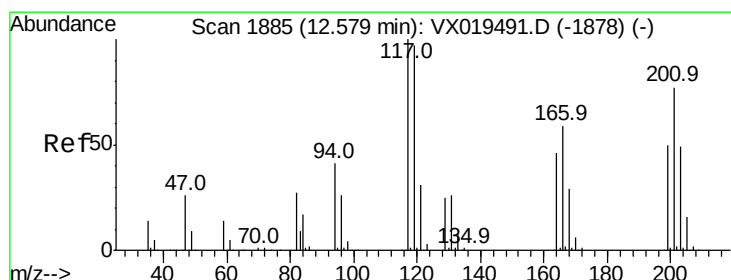
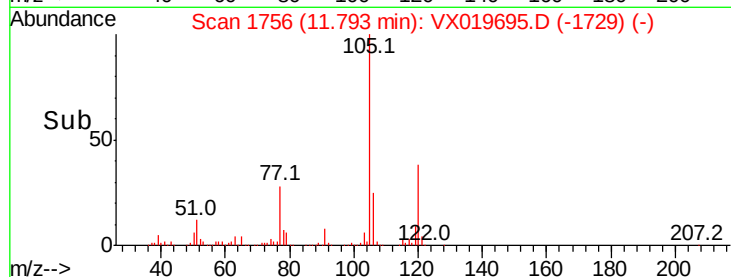
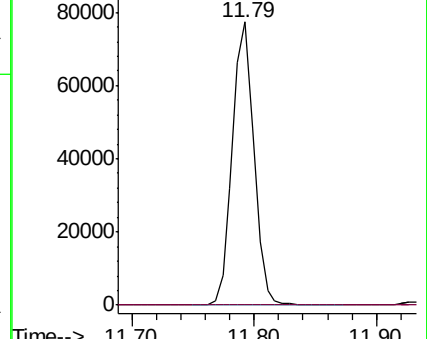
105 100

134 0.0 10.1 30.3#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 28.657 ug/l

RT: 12.45 min Scan# 1864

Delta R.T. -0.13 min

Lab File: VX019695.D

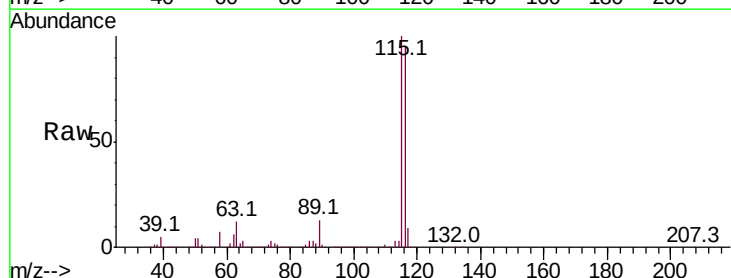
Acq: 01 Dec 2020 15:11

Tgt Ion:117 Resp: 53158

Ion Ratio Lower Upper

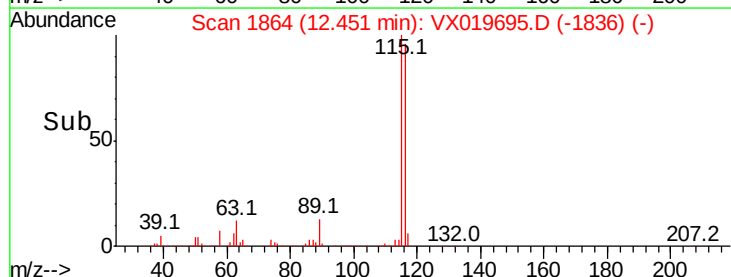
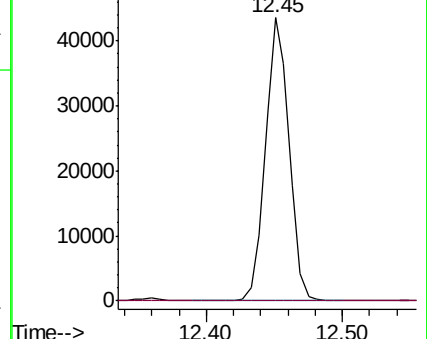
117 100

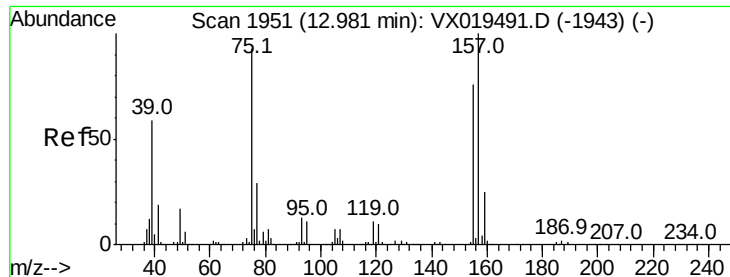
201 0.0 39.4 118.2#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

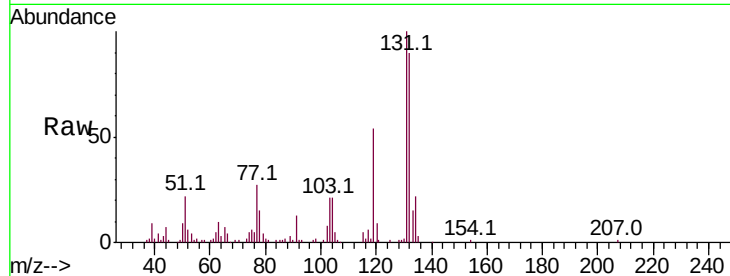




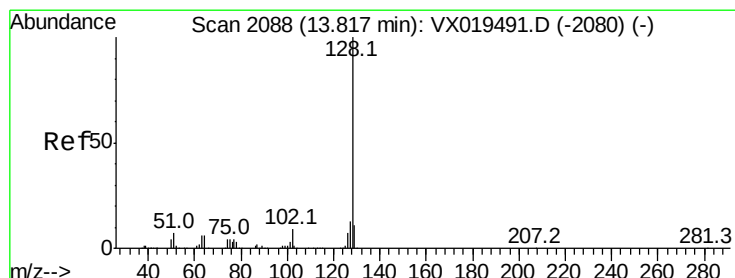
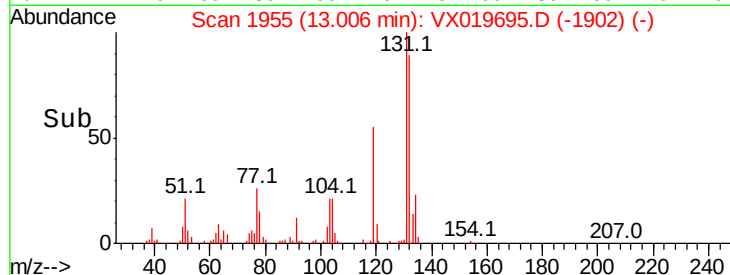
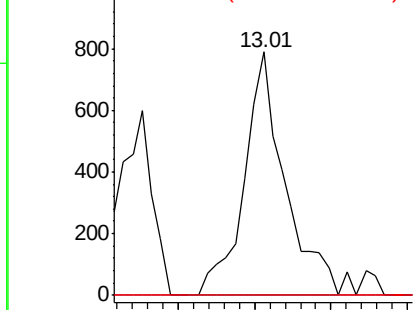
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.577 ug/l
 RT: 13.01 min Scan# 1955
 Delta R.T. 0.02 min
 Lab File: VX019695.D
 Acq: 01 Dec 2020 15:11

Instrument :
 MSVOA_X
 ClientSampled :
 COMP-00-01-02

Tot Ion: 75 Resp: 1455
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.6 130.9#
 157 0.0 57.0 170.8#

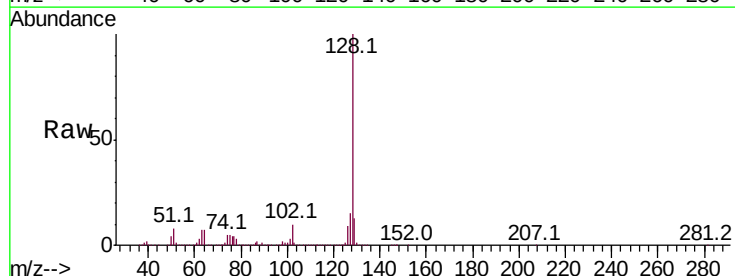


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V



#95
 Naphthalene
 Concen: 509.583 ug/l
 RT: 13.82 min Scan# 2088
 Delta R.T. 0.00 min
 Lab File: VX019695.D
 Acq: 01 Dec 2020 15:11

Tgt Ion: 128 Resp: 7153242
 Ion Ratio Lower Upper
 128 100
 127 13.9 10.3 15.5
 129 11.9 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

