

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051920\
 Data File : VX016343.D
 Acq On : 19 May 2020 18:27
 Operator : JC/SP
 Sample : L2663-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1366

Quant Time: May 20 03:50:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	225939	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	378100	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	366794	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	180507	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	134226	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	
35) Dibromofluoromethane	5.47	113	110304	46.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.10%	
50) Toluene-d8	8.70	98	460351	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	
62) 4-Bromofluorobenzene	11.12	95	184067	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	3.01	59	24519	32.613	ug/l	98
13) Acrolein	2.27	56	1858	3.949	ug/l #	32
14) Allyl chloride	2.68	41	67575	15.692	ug/l #	42
15) Acrylonitrile	3.12	53	14104	9.043	ug/l	97
16) Acetone	2.42	43	1008789	760.443	ug/l	94
17) Carbon Disulfide	2.55	76	5744	0.610	ug/l #	88
18) Methyl Acetate	2.75	43	2142	0.657	ug/l	94
22) Diisopropyl ether	3.92	45	3011	0.371	ug/l #	1
25) 2-Butanone	4.64	43	232435	108.733	ug/l	97
29) Tetrahydrofuran	5.10	42	2339	1.651	ug/l #	91
30) Chloroform	5.18	83	1348	0.298	ug/l	99
36) 1,1-Dichloropropene	5.63	75	16305	4.381	ug/l #	49
37) Ethyl Acetate	4.80	43	7649	1.773	ug/l #	92
38) Carbon Tetrachloride	5.63	117	21706	5.738	ug/l #	15
40) Benzene	6.12	78	9814	0.901	ug/l #	89
43) Isopropyl Acetate	6.43	43	1613	0.234	ug/l #	59
48) Methyl methacrylate	7.70	41	720	0.221	ug/l #	36
49) 1,4-Dioxane	7.72	88	52	0.665	ug/l #	24
51) 4-Methyl-2-Pentanone	8.62	43	34538	8.200	ug/l	96
52) Toluene	8.77	92	5190	0.765	ug/l	97
56) Ethyl methacrylate	9.07	69	5273	1.210	ug/l #	81
59) 2-Hexanone	9.48	43	47862	14.470	ug/l	93
68) m/p-Xylenes	10.34	106	2349	0.458	ug/l	92
69) o-Xylene	10.68	106	1068	0.216	ug/l	76
70) Styrene	10.70	104	1680	0.201	ug/l	91
74) N-amyl acetate	10.90	43	8117	1.325	ug/l #	41
75) 1,1,2,2-Tetrachloroethane	11.27	83	97	2.089	ug/l #	1
76) 1,2,3-Trichloropropane	11.12	75	88041	21.494	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	88041	51.221	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.79	105	5473	0.488	ug/l #	60
86) p-Isopropyltoluene	12.05	119	18996	1.586	ug/l	95
89) n-Butylbenzene	12.15	91	40256	3.680	ug/l #	66
94) Hexachlorobutadiene	13.76	225	19	0.534	ug/l #	18

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration

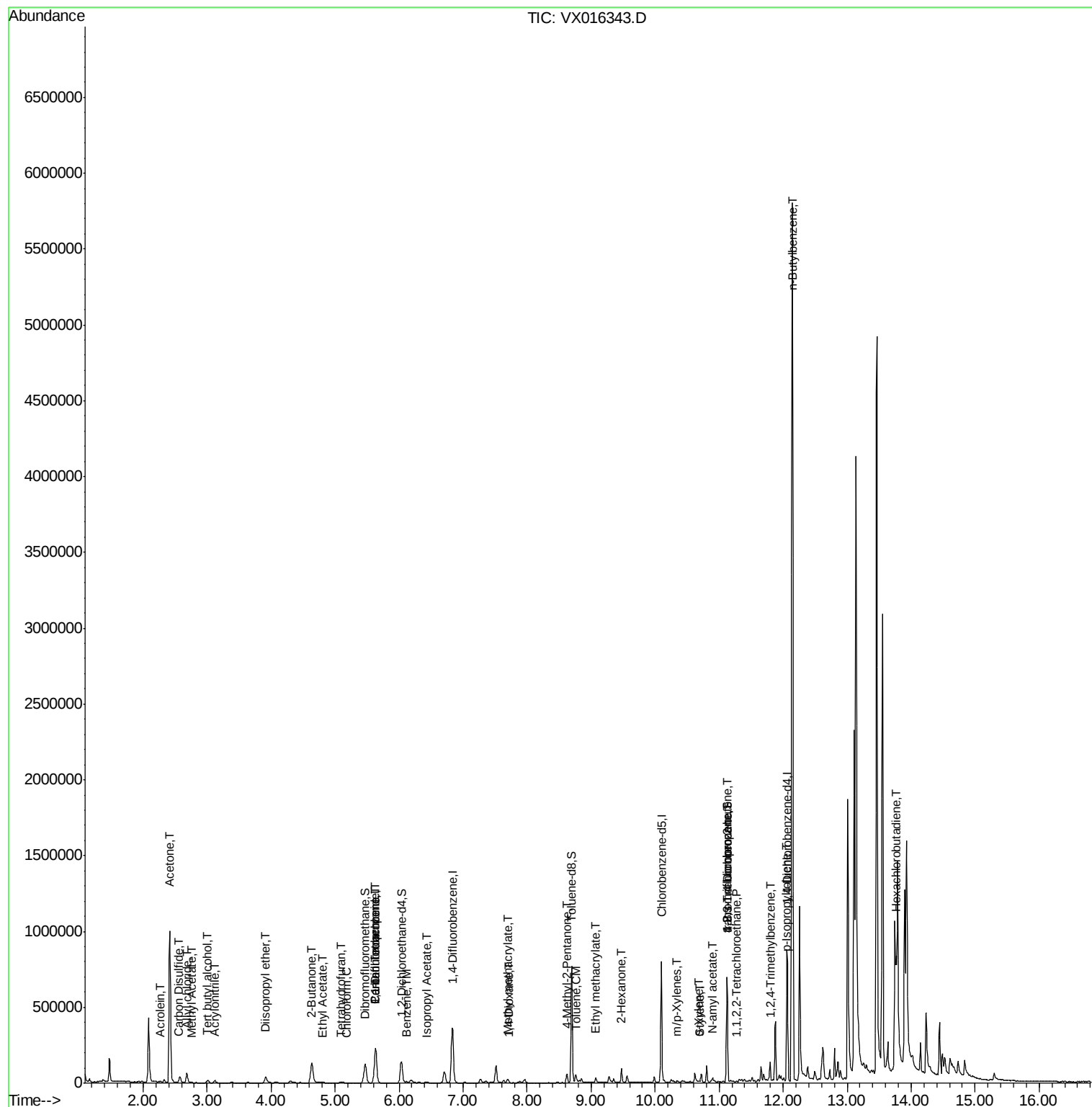
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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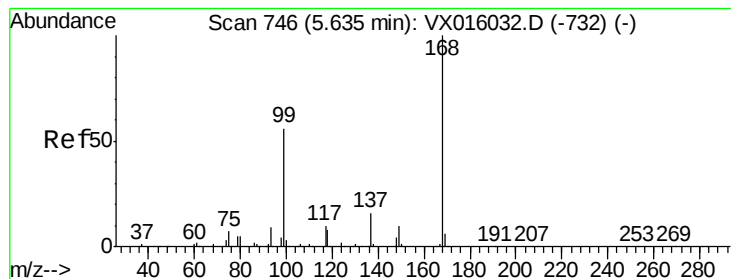
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

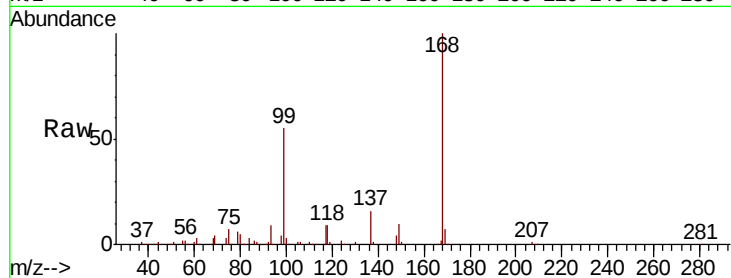
1366

Tot Ion:168 Resp: 225939

Ion Ratio Lower Upper

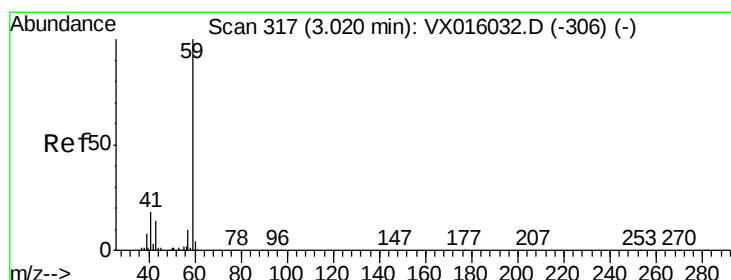
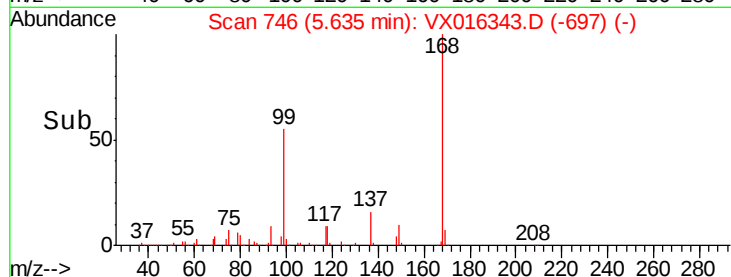
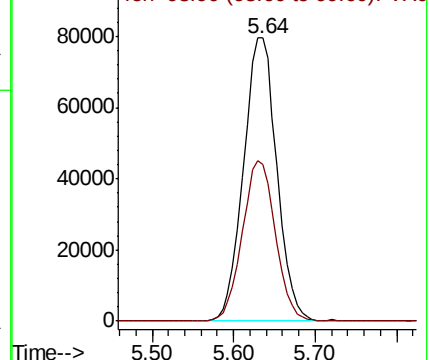
168 100

99 55.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 32.613 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX016343.D

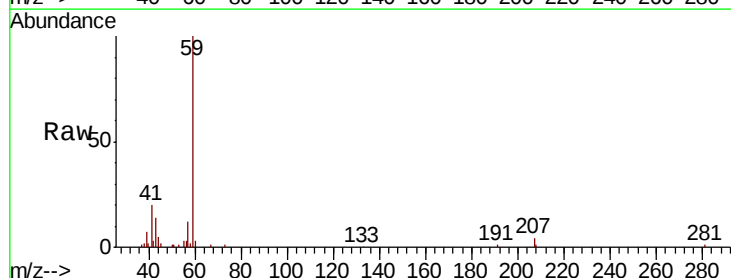
Acq: 19 May 2020 18:27

Tgt Ion: 59 Resp: 24519

Ion Ratio Lower Upper

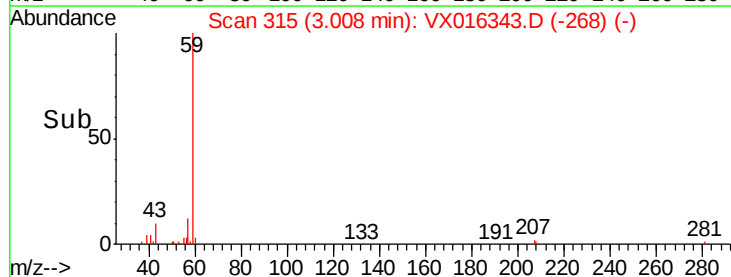
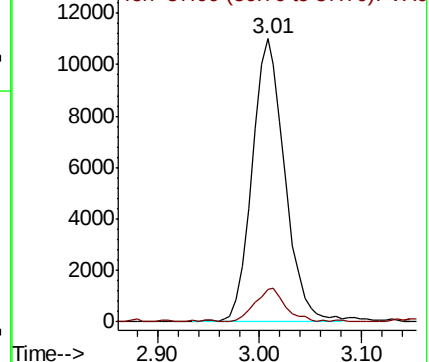
59 100

57 11.2 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: 3.949 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampled :

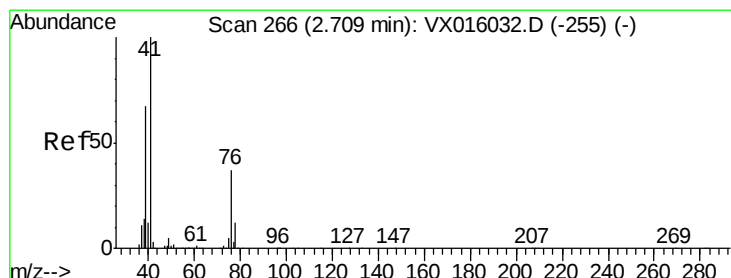
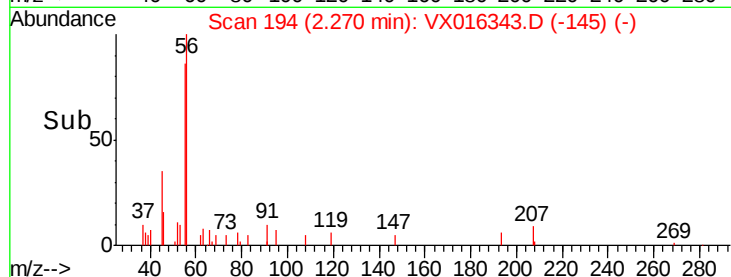
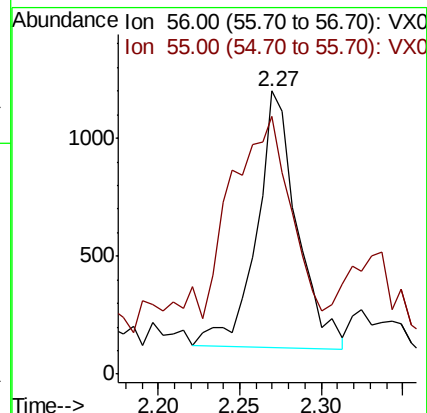
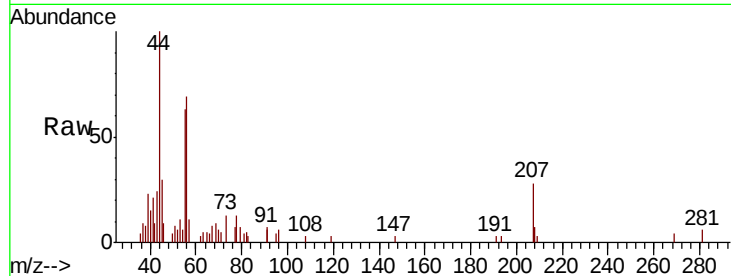
1366

Tot Ion: 56 Resp: 1858

Ion Ratio Lower Upper

56 100

55 126.3 56.5 84.7#



#14

Allyl chloride

Concen: 15.692 ug/l

RT: 2.68 min Scan# 262

Delta R.T. -0.02 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

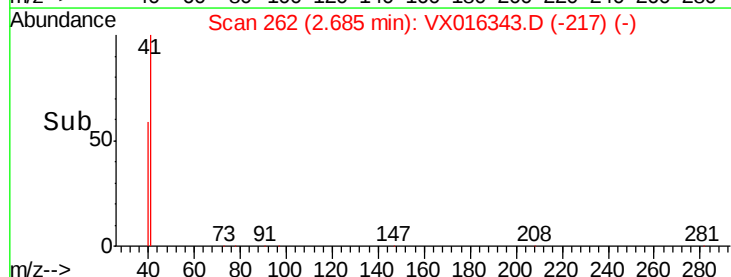
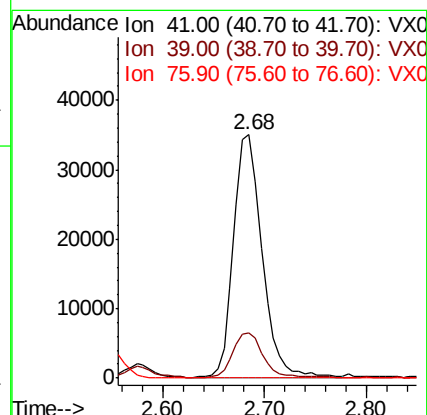
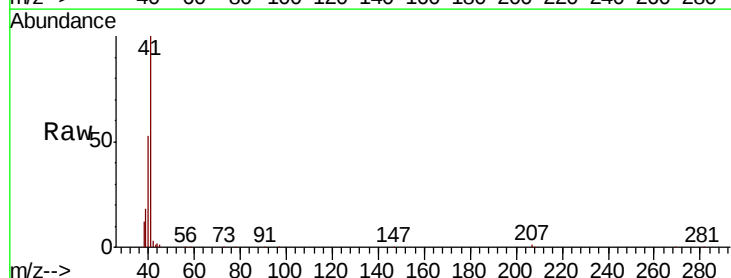
Tgt Ion: 41 Resp: 67575

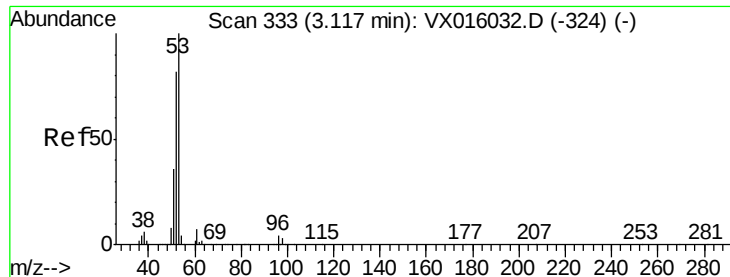
Ion Ratio Lower Upper

41 100

39 18.9 50.5 75.7#

76 0.0 26.6 40.0#





#15

Acrylonitrile

Concen: 9.043 ug/l

RT: 3.12 min Scan# 333

Delta R.T. 0.00 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

1366

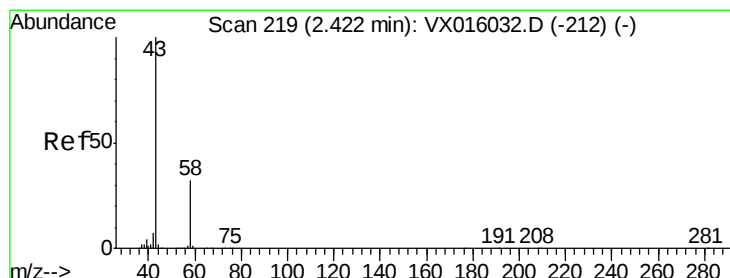
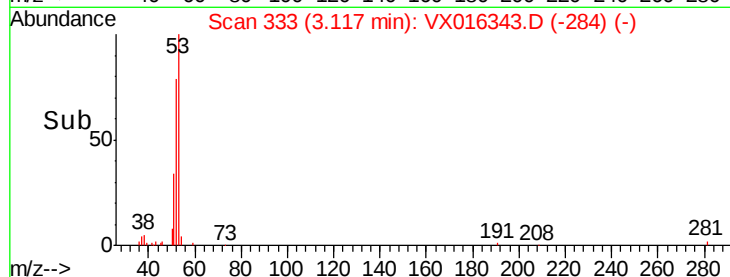
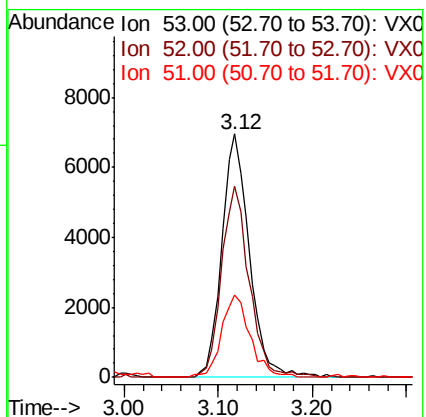
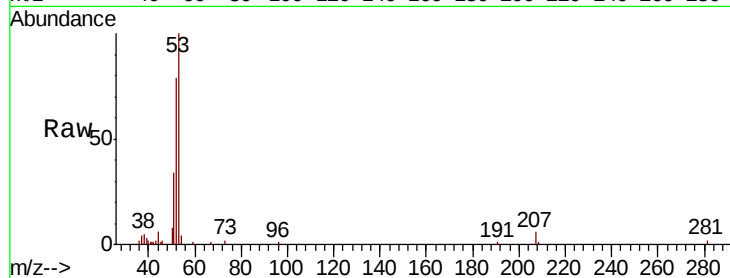
Tot Ion: 53 Resp: 14104

Ion Ratio Lower Upper

53 100

52 79.2 66.1 99.1

51 35.2 28.8 43.2



#16

Acetone

Concen: 760.443 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016343.D

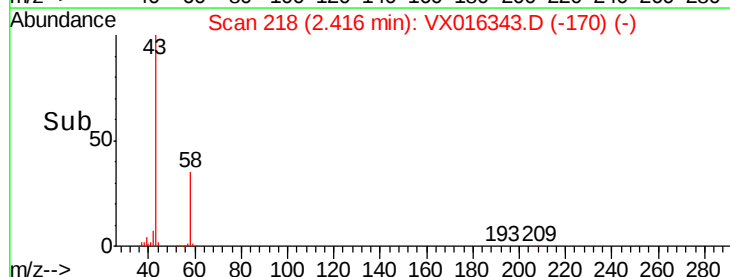
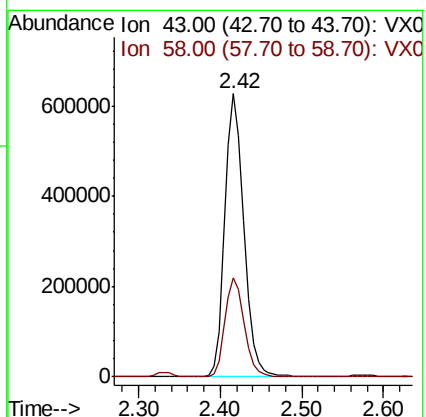
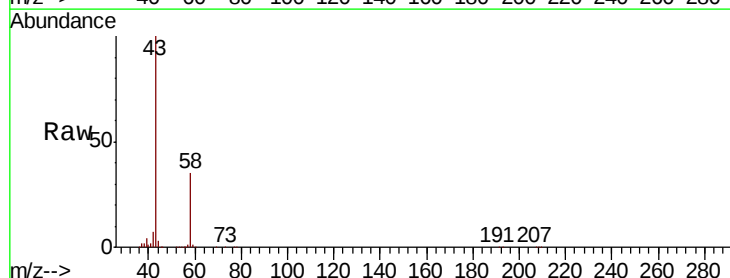
Acq: 19 May 2020 18:27

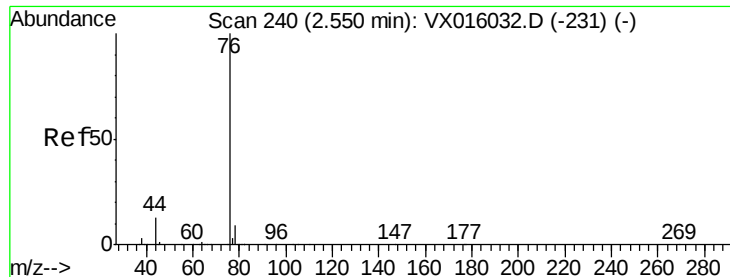
Tgt Ion: 43 Resp: 1008789

Ion Ratio Lower Upper

43 100

58 35.1 25.4 38.0





#17

Carbon Disulfide

Concen: 0.610 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

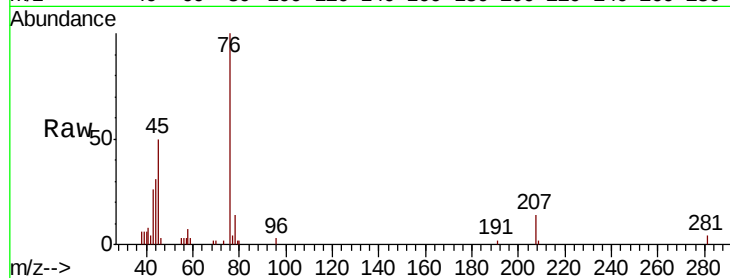
1366

Tot Ion: 76 Resp: 5744

Ion Ratio Lower Upper

76 100

78 13.9 7.5 11.3#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

4000

3000

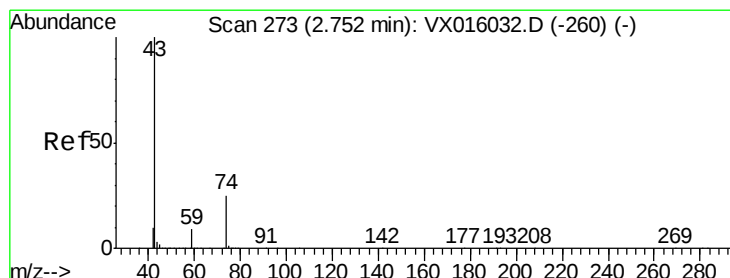
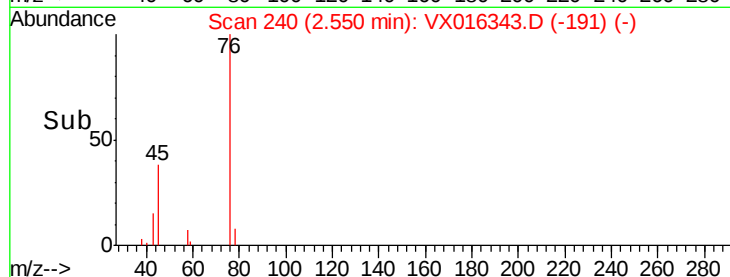
2000

1000

0

Time-->

2.50 2.55 2.60



#18

Methyl Acetate

Concen: 0.657 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX016343.D

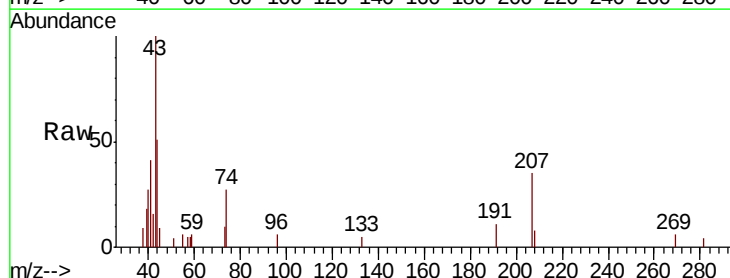
Acq: 19 May 2020 18:27

Tgt Ion: 43 Resp: 2142

Ion Ratio Lower Upper

43 100

74 28.2 20.2 30.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

1500

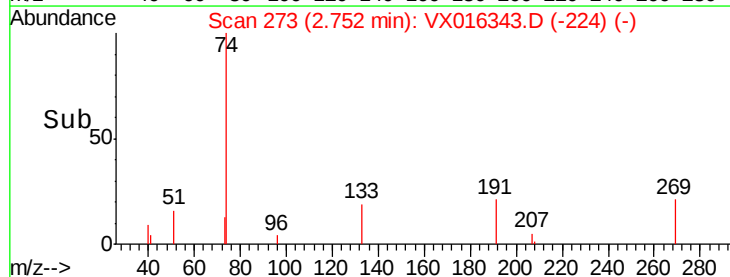
1000

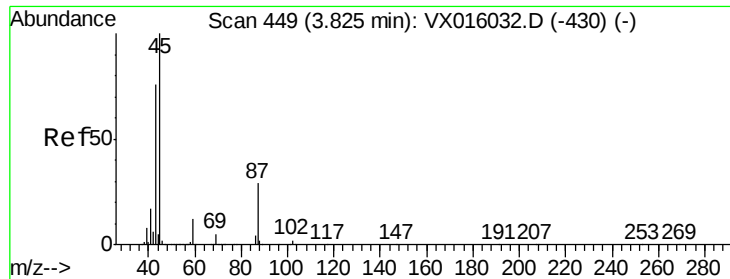
500

0

Time-->

2.70 2.75 2.80

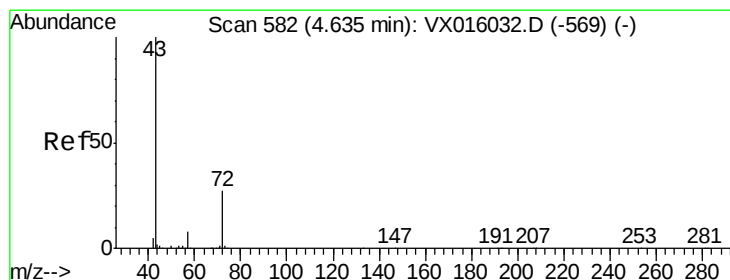
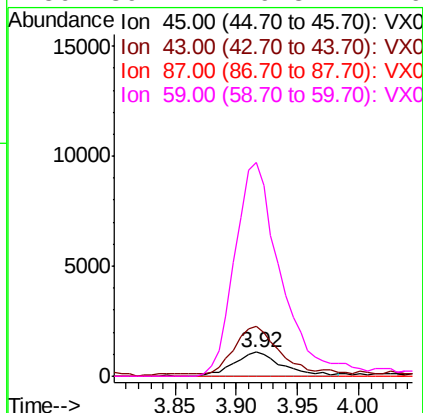
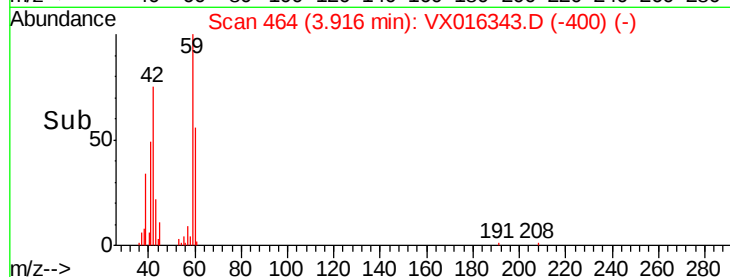
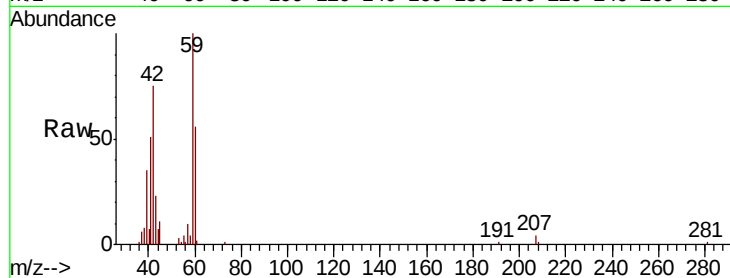




#22
Diisopropyl ether
Concen: 0.371 ug/l
RT: 3.92 min Scan# 464
Delta R.T. 0.09 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

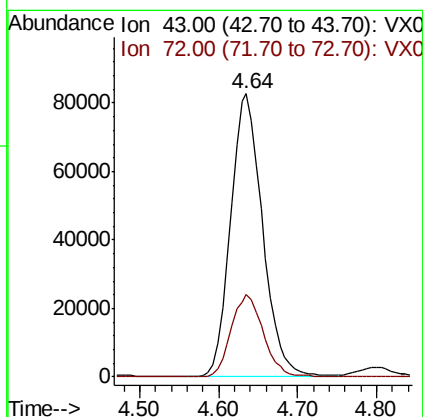
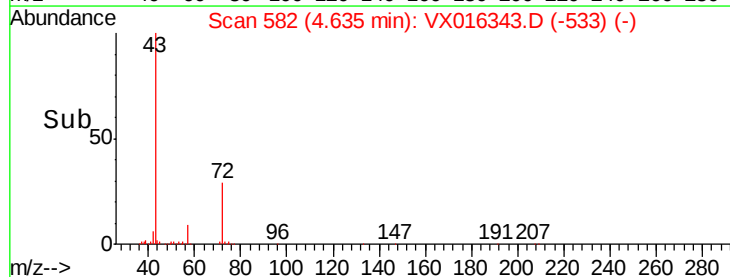
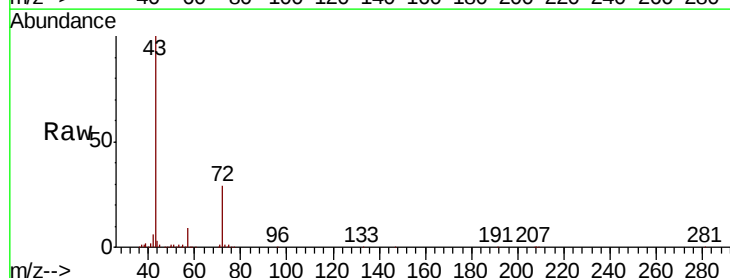
Instrument :
MSVOA_X
ClientSampleId :
1366

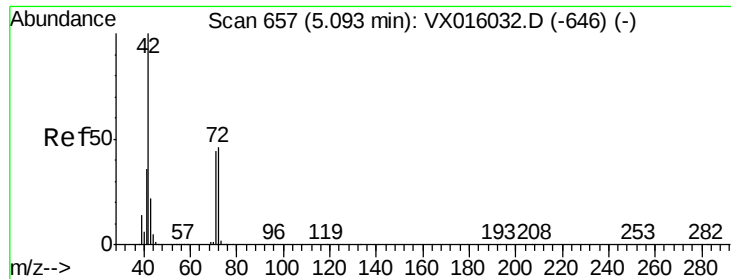
Tot Ion:	45	Resp:	3011
Ion	Ratio	Lower	Upper
45	100		
43	197.4	61.1	91.7#
87	0.0	23.0	34.6#
59	894.7	9.8	14.6#



#25
2-Butanone
Concen: 108.733 ug/l
RT: 4.64 min Scan# 582
Delta R.T. -0.00 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

Tgt Ion:	43	Resp:	232435
Ion	Ratio	Lower	Upper
43	100		
72	29.1	21.8	32.8

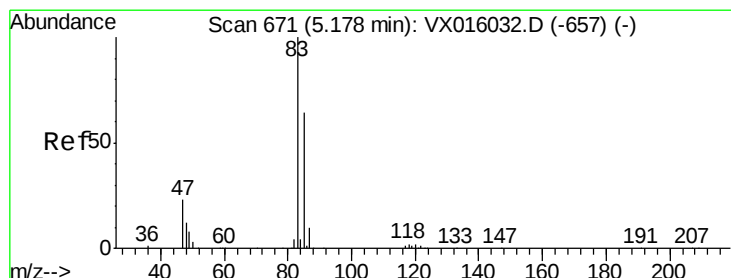
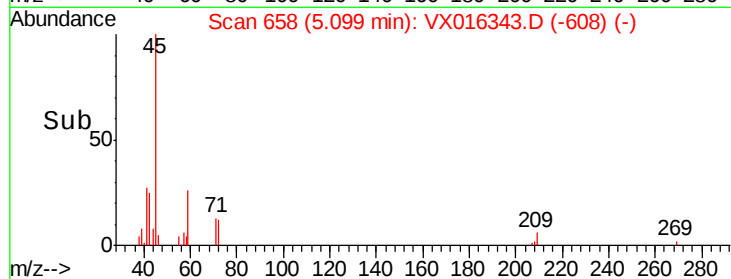
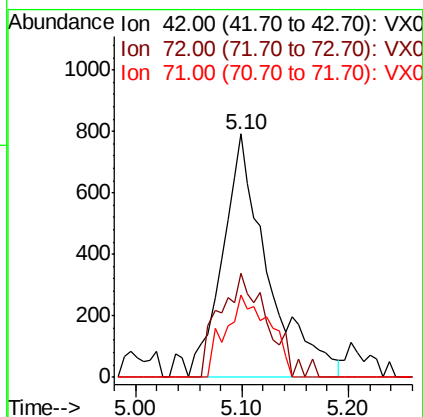
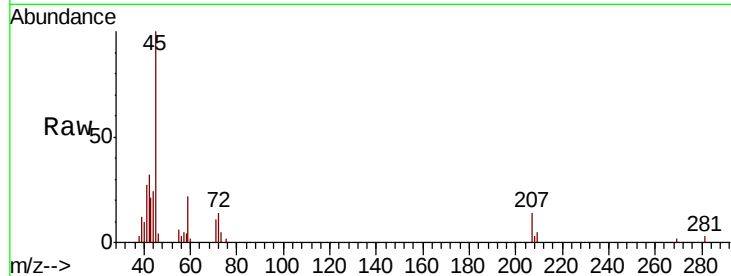




#29
Tetrahydrofuran
Concen: 1.651 ug/l
RT: 5.10 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

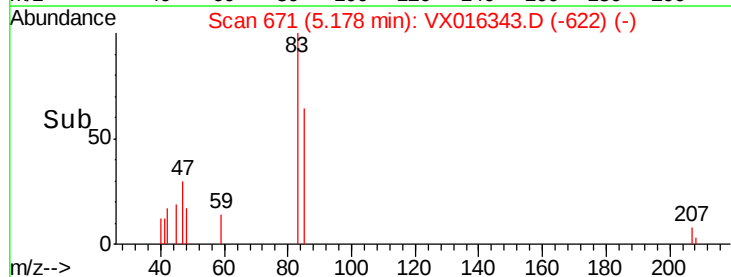
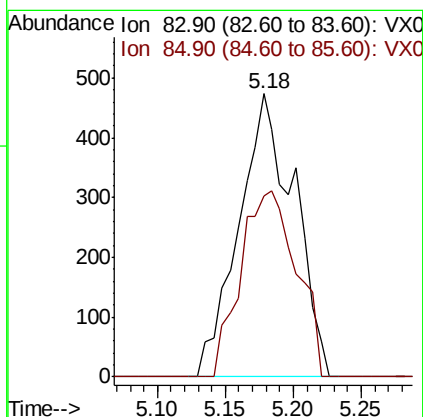
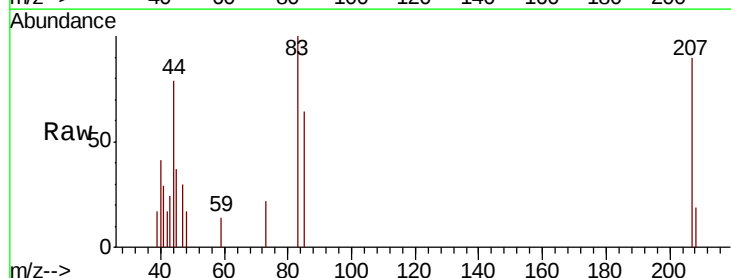
Instrument :
MSVOA_X
ClientSampled :
1366

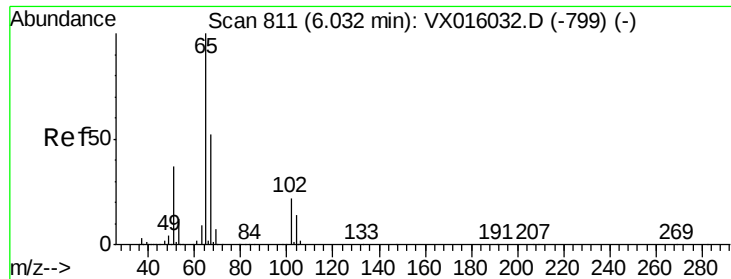
Tot Ion: 42 Resp: 2339
Ion Ratio Lower Upper
42 100
72 45.3 37.1 55.7
71 32.8 34.5 51.7#



#30
Chloroform
Concen: 0.298 ug/l
RT: 5.18 min Scan# 671
Delta R.T. -0.00 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

Tgt Ion: 83 Resp: 1348
Ion Ratio Lower Upper
83 100
85 64.1 51.6 77.4

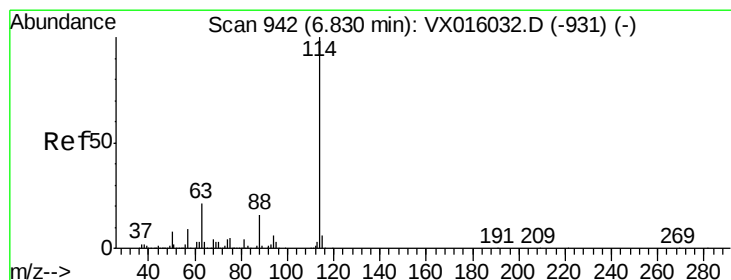
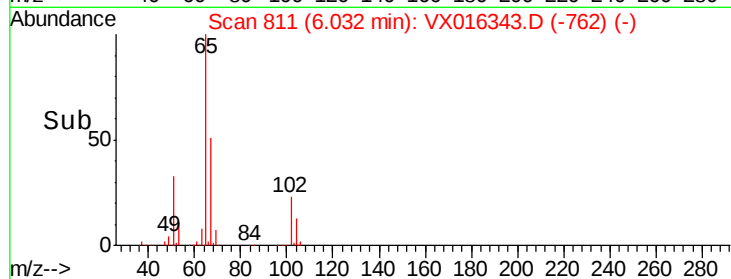
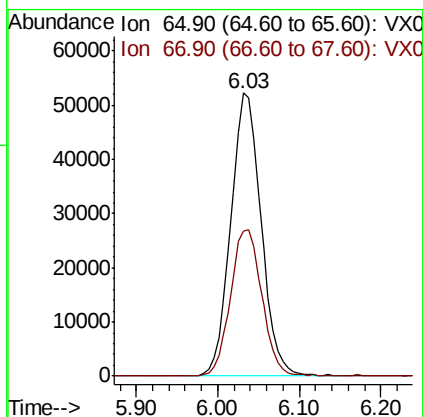
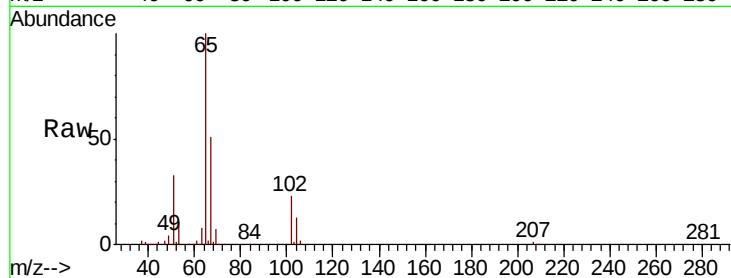




#33
 1,2-Dichloroethane-d4
 Concen: 45.146 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX016343.D
 Acq: 19 May 2020 18:27

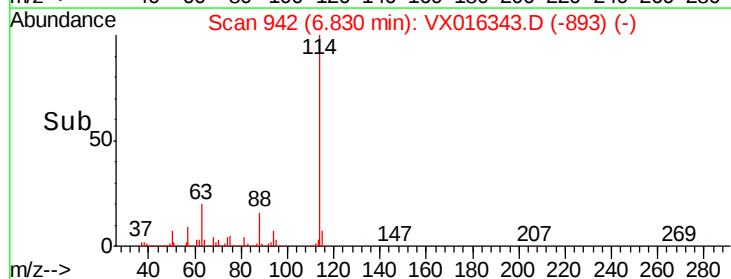
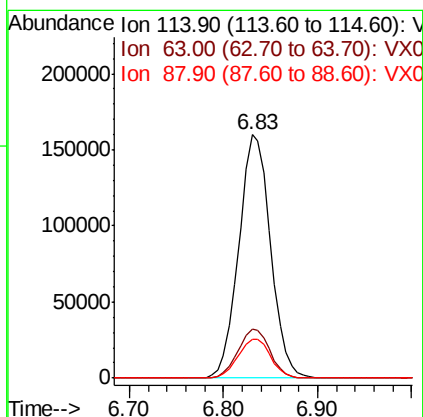
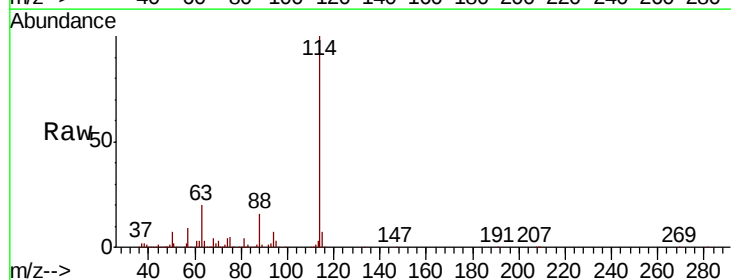
Instrument :
 MSVOA_X
 ClientSampleId :
 1366

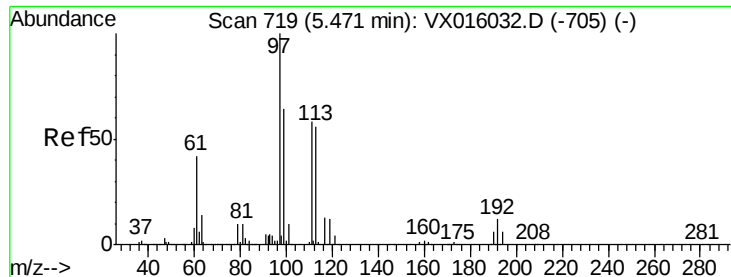
Tot Ion: 65 Resp: 134226
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX016343.D
 Acq: 19 May 2020 18:27

Tgt Ion: 114 Resp: 378100
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 42.8
 88 16.2 0.0 31.4

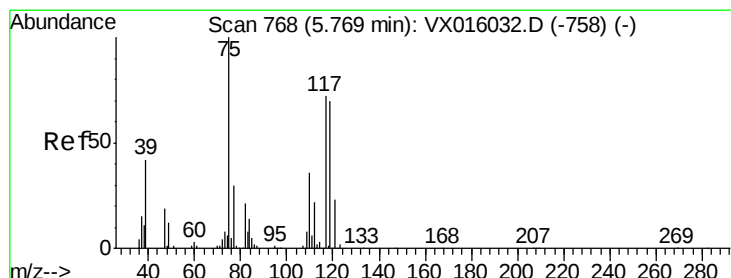
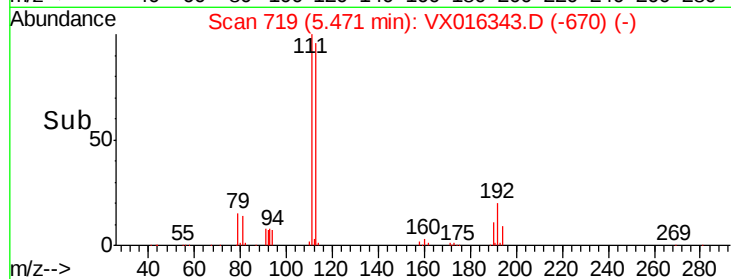
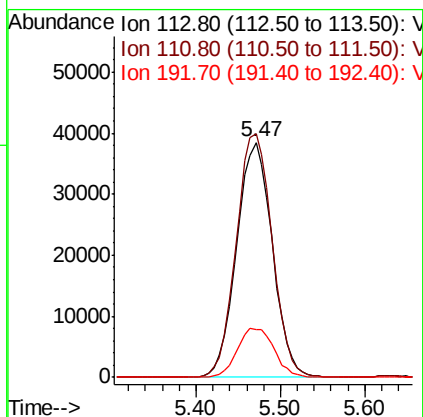
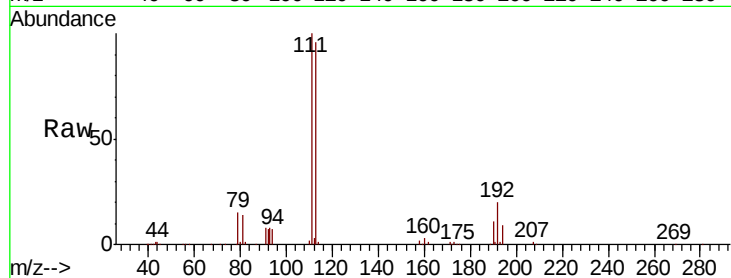




#35
 Dibromofluoromethane
 Concen: 46.048 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016343.D
 Acq: 19 May 2020 18:27

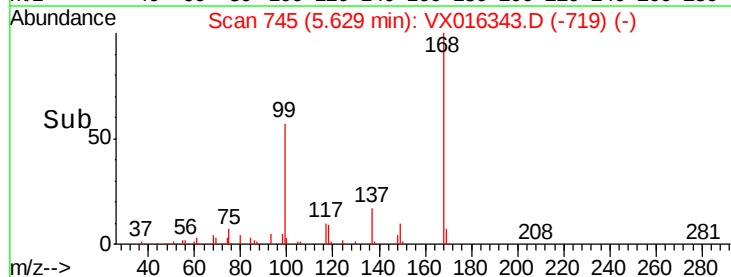
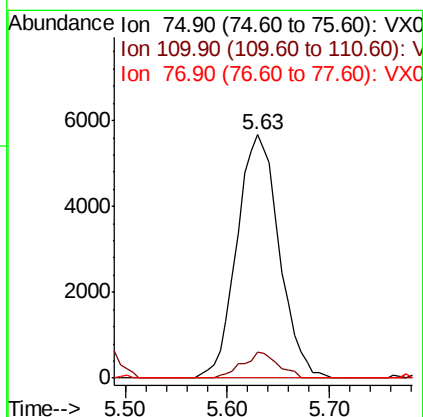
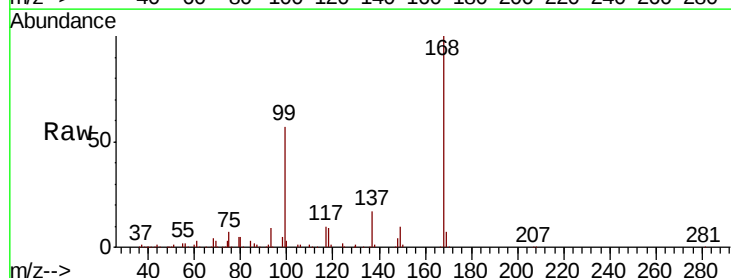
Instrument :
 MSVOA_X
 ClientSampled :
 1366

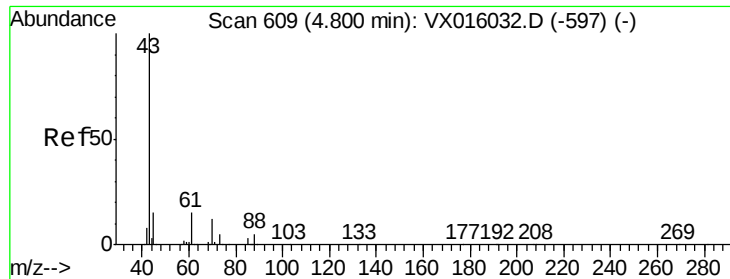
Tot Ion	Ratio	Lower	Upper
113	100		
111	104.6	81.6	122.4
192	21.6	17.0	25.4



#36
 1,1-Dichloropropene
 Concen: 4.381 ug/l
 RT: 5.63 min Scan# 745
 Delta R.T. -0.14 min
 Lab File: VX016343.D
 Acq: 19 May 2020 18:27

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.9	18.1	54.1#
77	0.0	25.0	37.6#

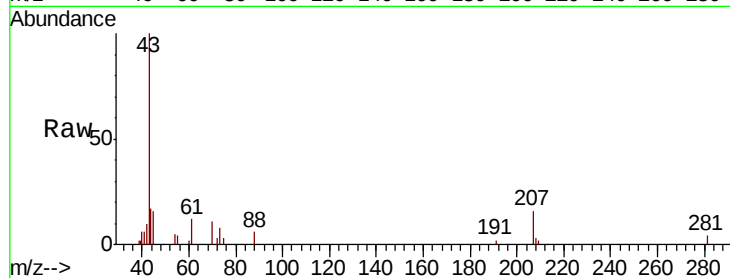




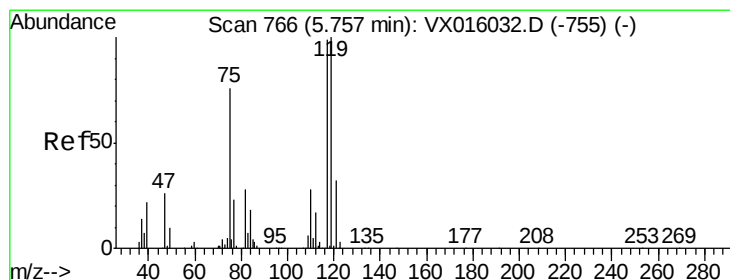
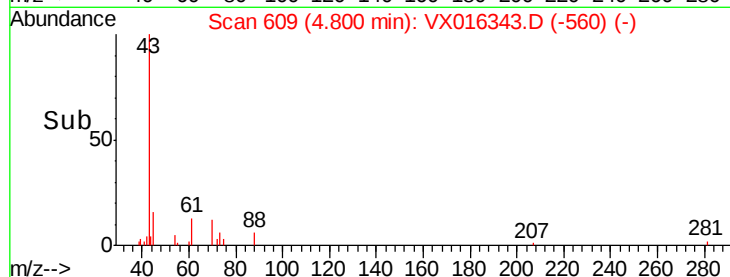
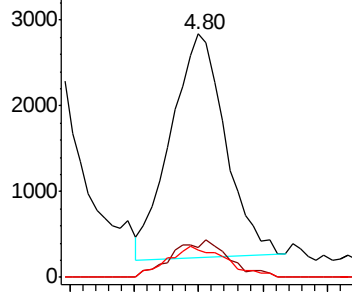
#37
Ethyl Acetate
Concen: 1.773 ug/l
RT: 4.80 min Scan# 609
Delta R.T. -0.00 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
1366

Tot Ion: 43 Resp: 7649
Ion Ratio Lower Upper
43 100
61 17.5 11.7 17.5
70 15.1 9.3 13.9#

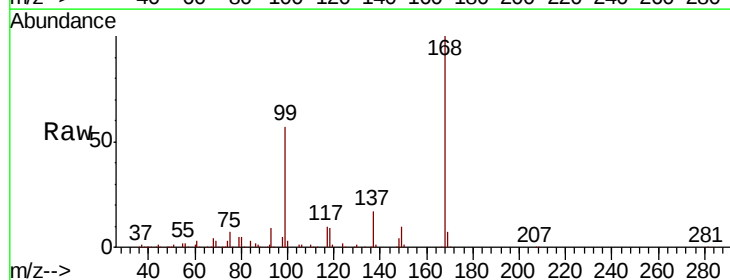


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

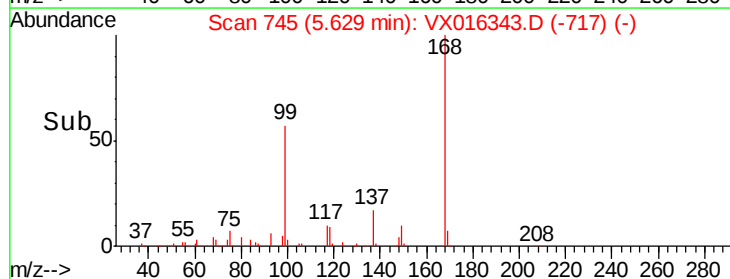
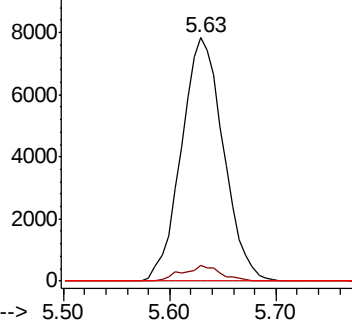


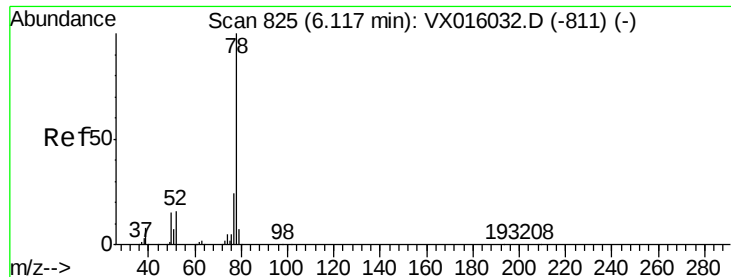
#38
Carbon Tetrachloride
Concen: 5.738 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.13 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

Tgt Ion: 117 Resp: 21706
Ion Ratio Lower Upper
117 100
119 6.5 80.3 120.5#
121 0.0 25.7 38.5#



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





#40

Benzene

Concen: 0.901 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.00 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

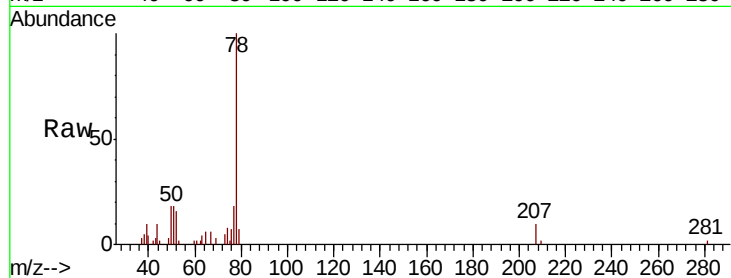
1366

Tot Ion: 78 Resp: 9814

Ion Ratio Lower Upper

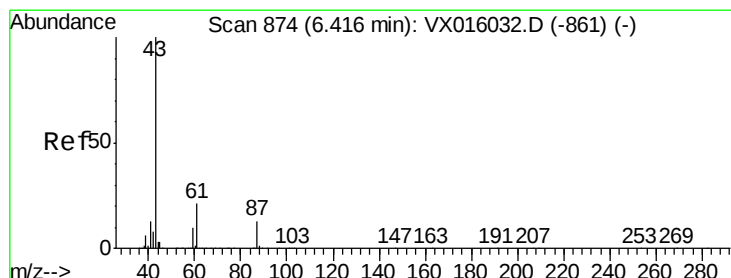
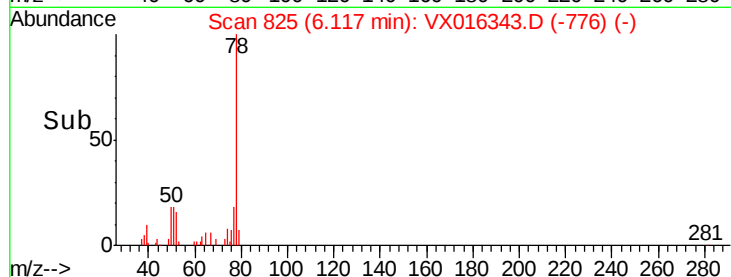
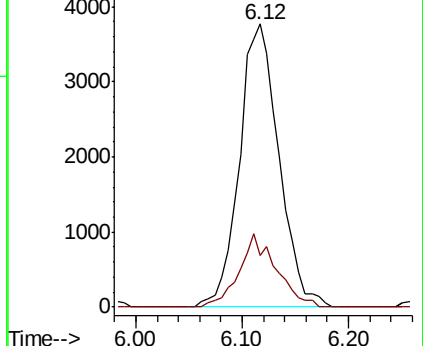
78 100

77 18.4 19.0 28.4#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#43

Isopropyl Acetate

Concen: 0.234 ug/l

RT: 6.43 min Scan# 876

Delta R.T. 0.01 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

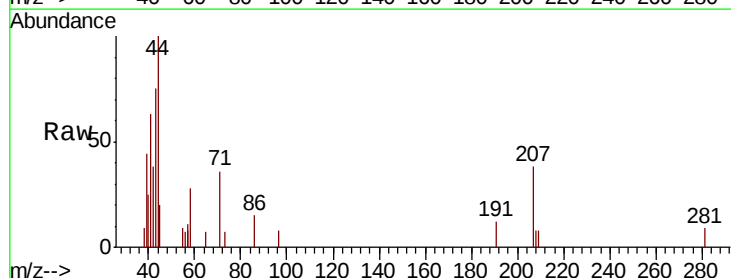
Tgt Ion: 43 Resp: 1613

Ion Ratio Lower Upper

43 100

61 0.0 17.0 25.4#

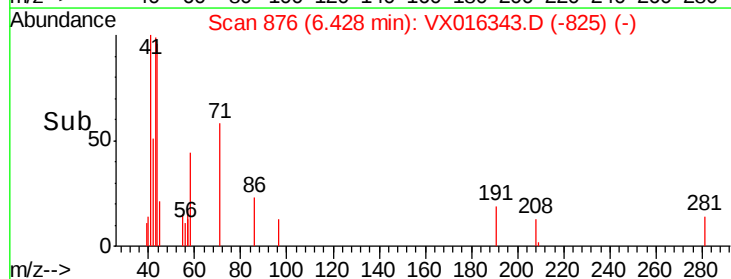
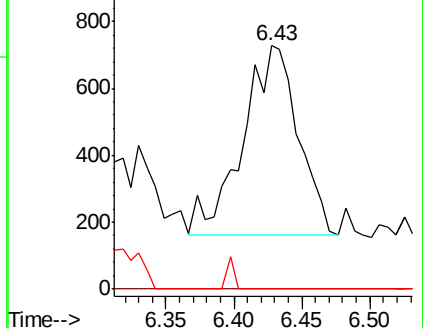
87 0.0 11.0 16.6#

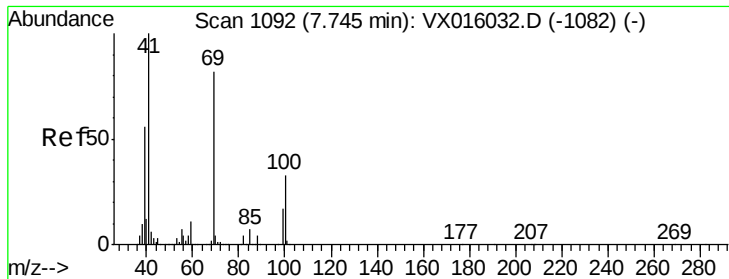


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

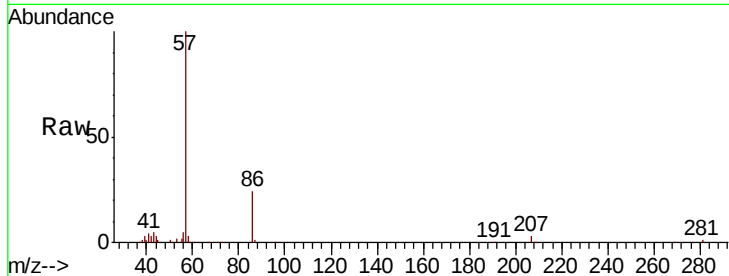




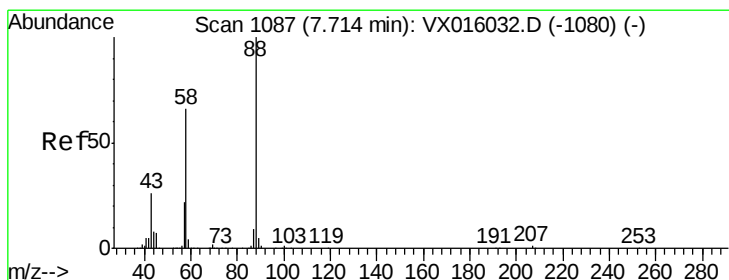
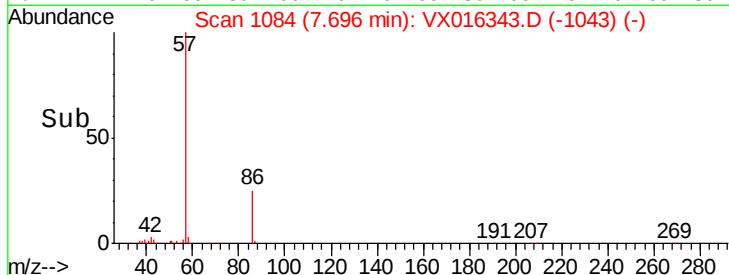
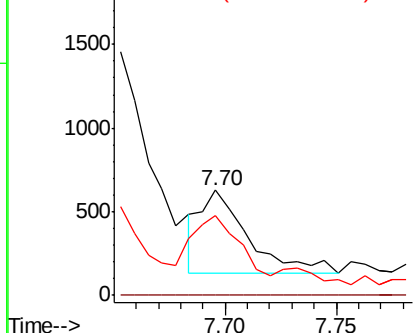
#48
Methvl methacrylate
Concen: 0.221 ug/l
RT: 7.70 min Scan# 1084
Delta R.T. -0.05 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

Instrument :
MSVOA_X
ClientSampled :
1366

Tot Ion: 41 Resp: 720
Ion Ratio Lower Upper
41 100
69 0.0 67.8 101.6#
39 69.6 44.6 67.0#

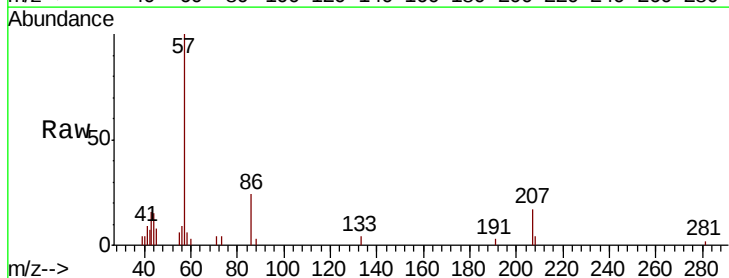


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

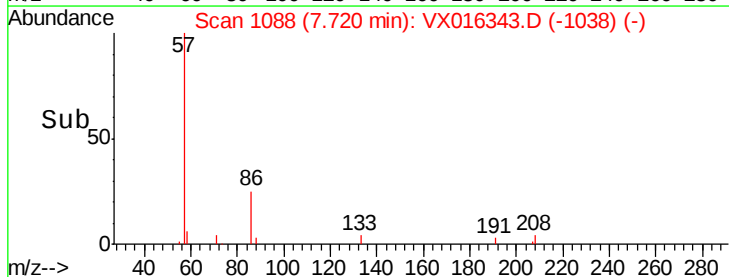
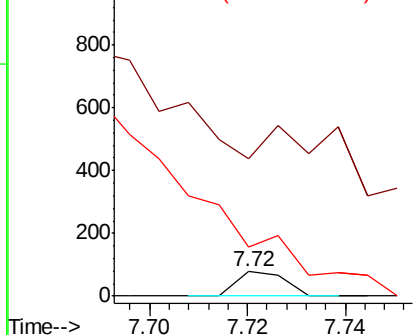


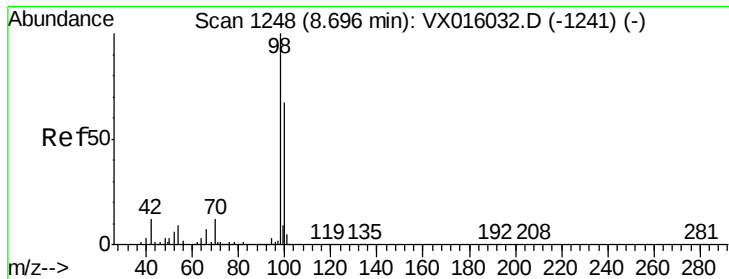
#49
1,4-Dioxane
Concen: 0.665 ug/l
RT: 7.72 min Scan# 1088
Delta R.T. 0.01 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

Tgt Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 0.0 55.9 83.9#



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: 49.877 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

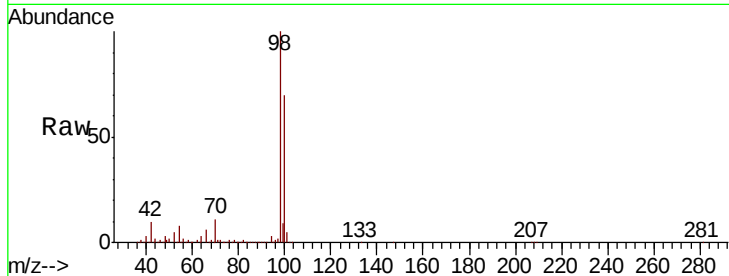
1366

Tot Ion: 98 Resp: 460351

Ion Ratio Lower Upper

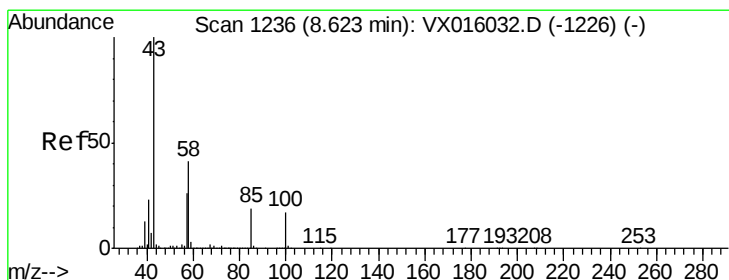
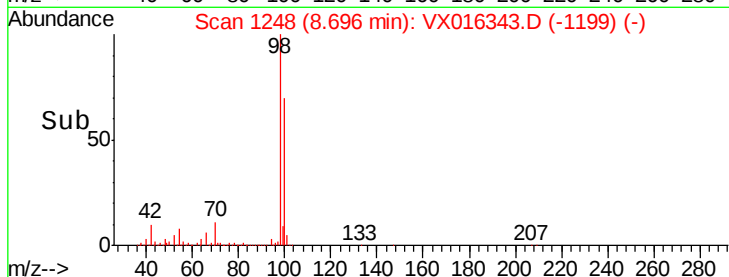
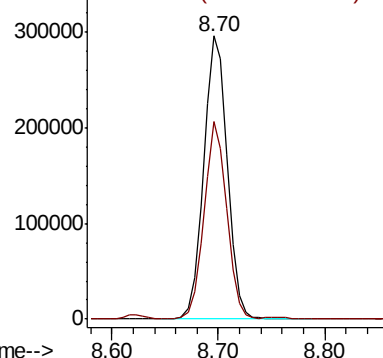
98 100

100 66.6 53.7 80.5



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: 8.200 ug/l

RT: 8.62 min Scan# 1236

Delta R.T. -0.00 min

Lab File: VX016343.D

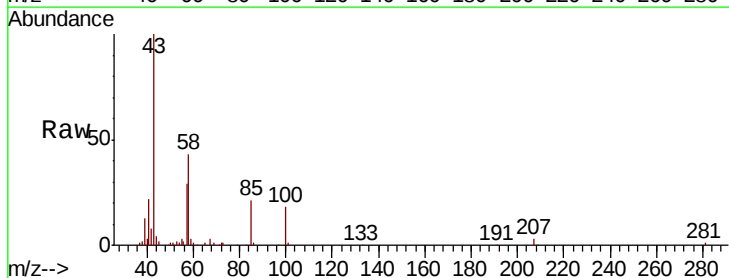
Acq: 19 May 2020 18:27

Tgt Ion: 43 Resp: 34538

Ion Ratio Lower Upper

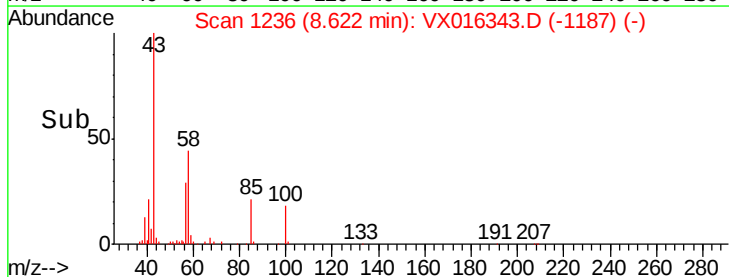
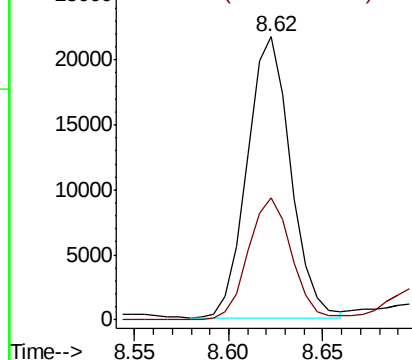
43 100

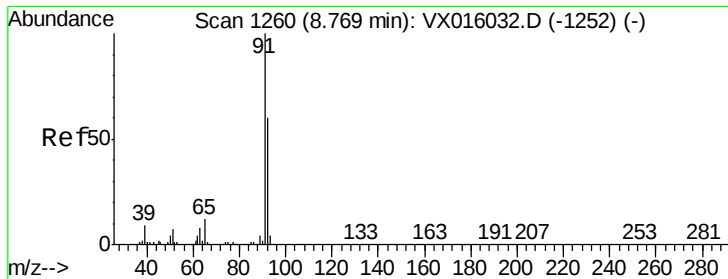
58 43.5 33.0 49.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#52

Toluene

Concen: 0.765 ug/l

RT: 8.77 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

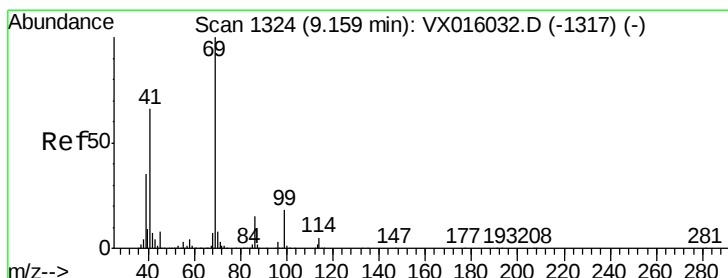
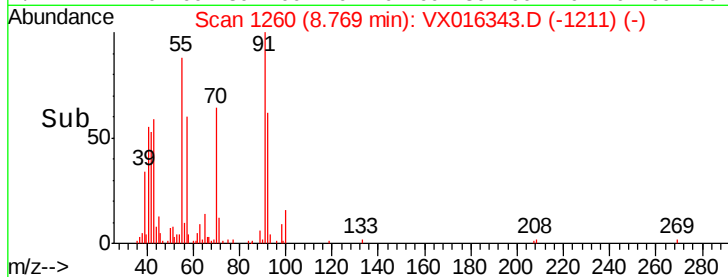
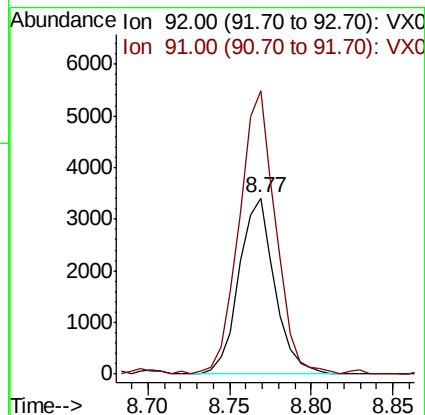
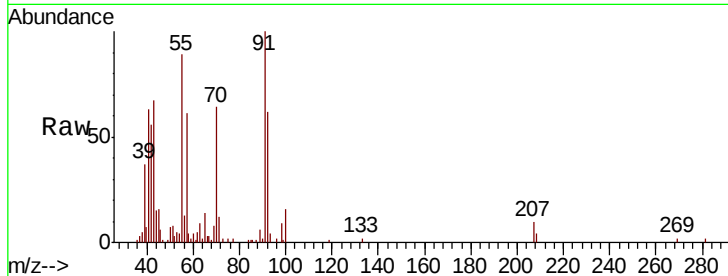
1366

Tot Ion: 92 Resp: 5190

Ion Ratio Lower Upper

92 100

91 164.3 134.5 201.7



#56

Ethyl methacrylate

Concen: 1.210 ug/l

RT: 9.07 min Scan# 1310

Delta R.T. -0.09 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

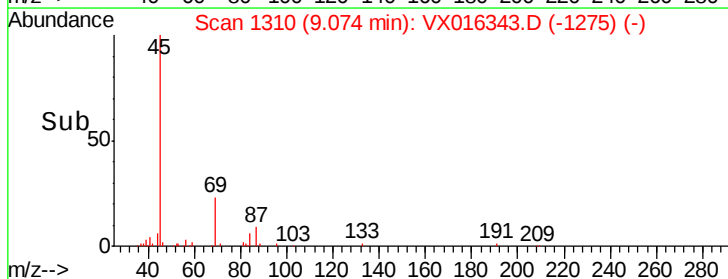
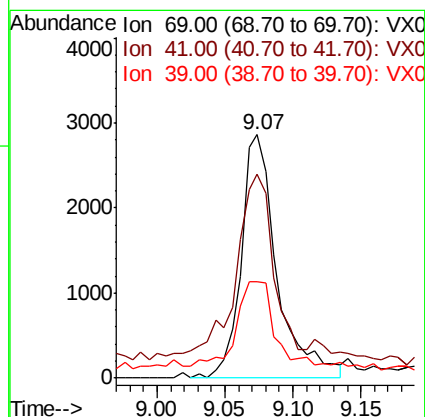
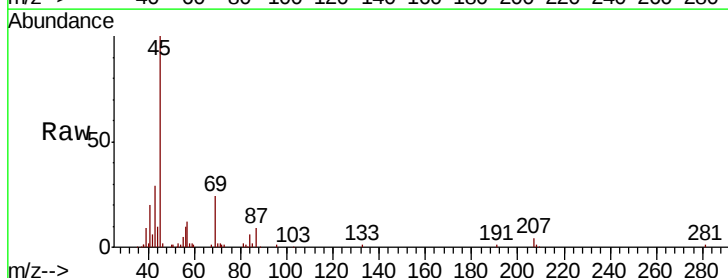
Tgt Ion: 69 Resp: 5273

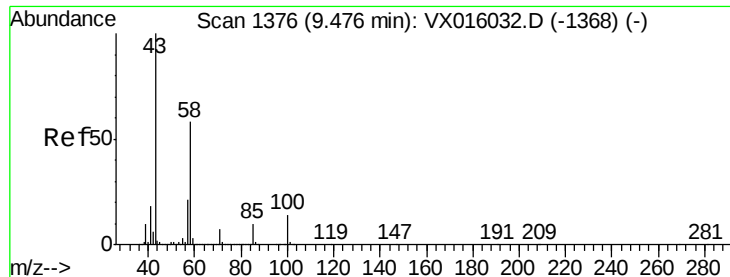
Ion Ratio Lower Upper

69 100

41 83.2 52.2 78.4#

39 42.7 28.2 42.4#

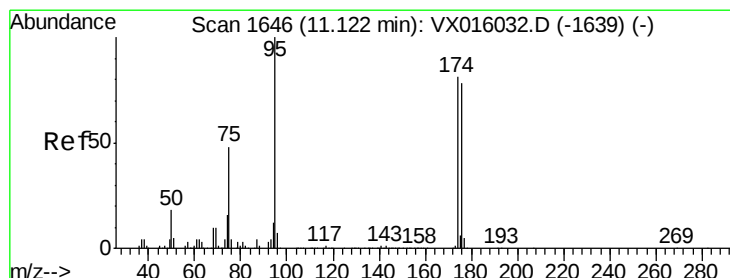
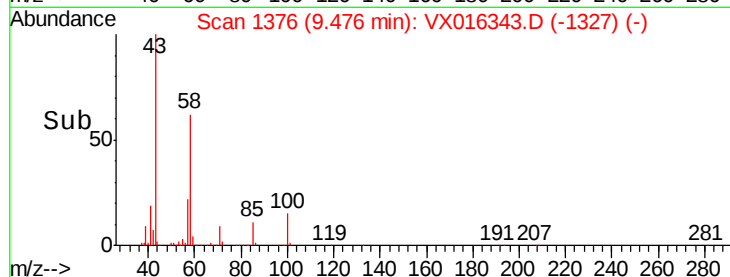
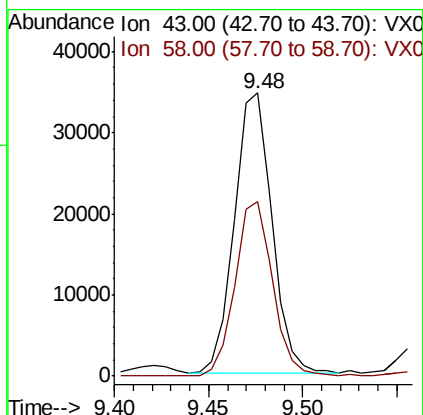
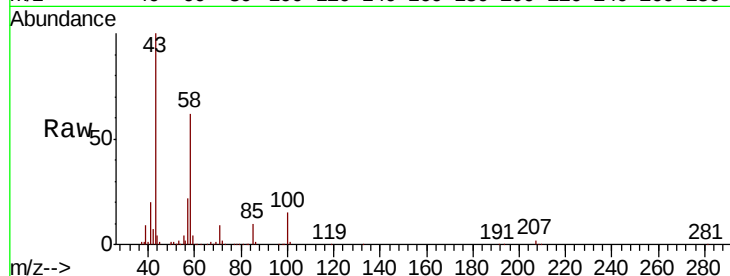




#59
2-Hexanone
Concen: 14.470 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. 0.00 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

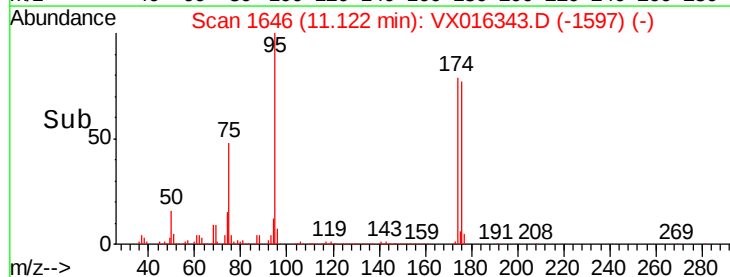
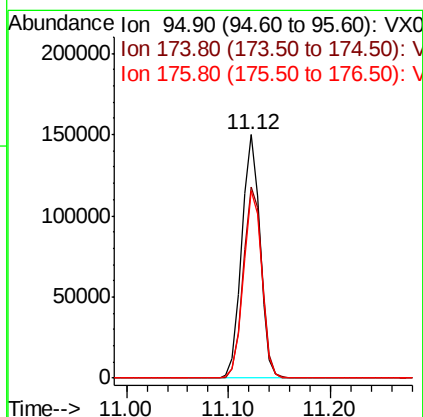
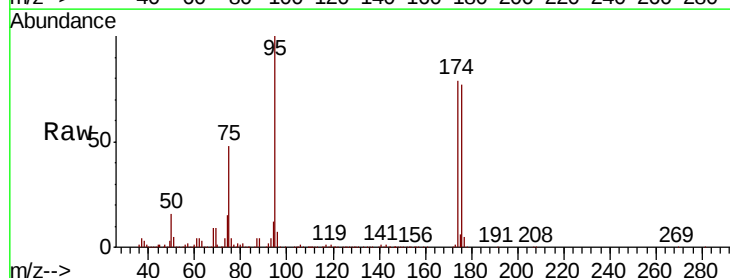
Instrument :
MSVOA_X
ClientSampleId :
1366

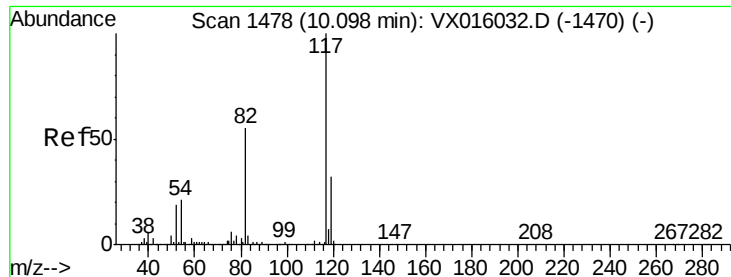
Tot Ion: 43 Resp: 47862
Ion Ratio Lower Upper
43 100
58 62.4 28.6 85.9



#62
4-Bromofluorobenzene
Concen: 52.432 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

Tgt Ion: 95 Resp: 184067
Ion Ratio Lower Upper
95 100
174 80.6 0.0 159.4
176 77.4 0.0 157.6

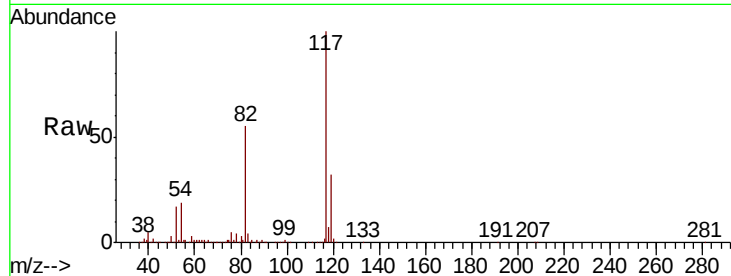




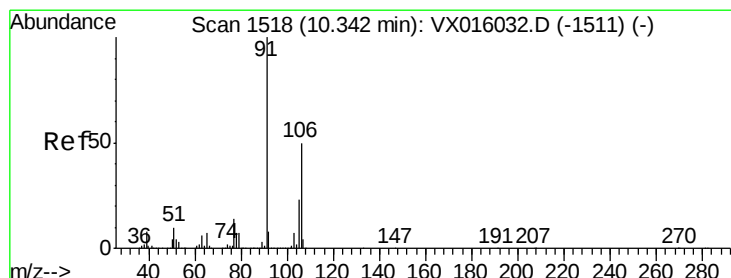
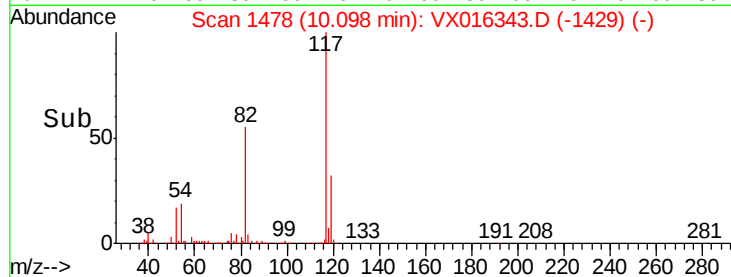
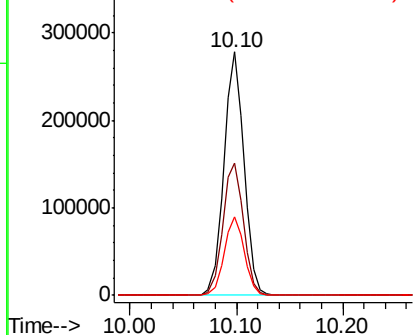
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

Instrument :
MSVOA_X
ClientSampleId :
1366

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.6	44.4	66.6
119	32.0	25.5	38.3

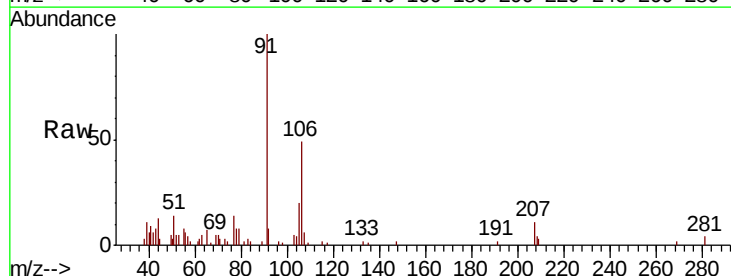


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

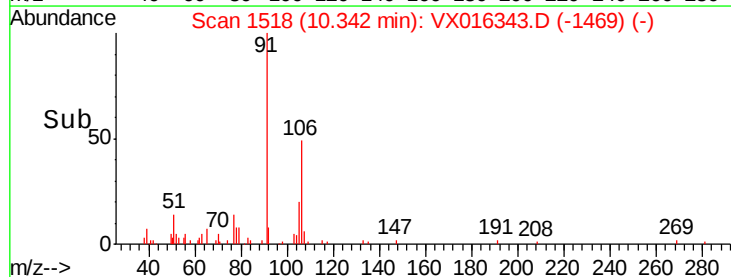
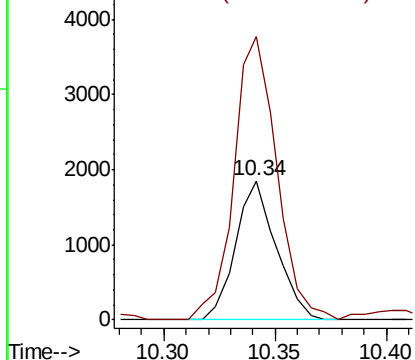


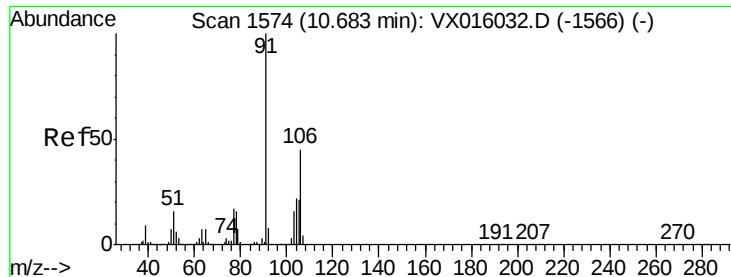
#68
m/p-Xylenes
Concen: 0.458 ug/l
RT: 10.34 min Scan# 1518
Delta R.T. 0.00 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

Tgt Ion	Ratio	Lower	Upper
106	100		
91	214.9	161.7	242.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0





#69

o-Xylene

Concen: 0.216 ug/l

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampled :

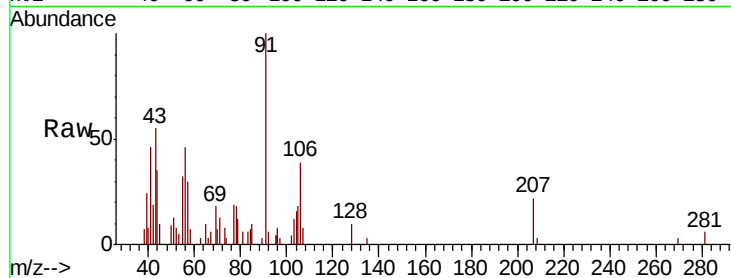
1366

Tot Ion:106 Resp: 1068

Ion Ratio Lower Upper

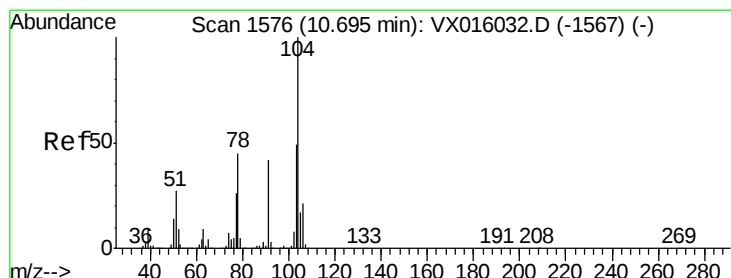
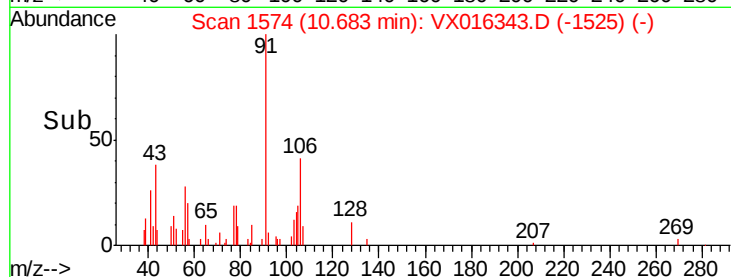
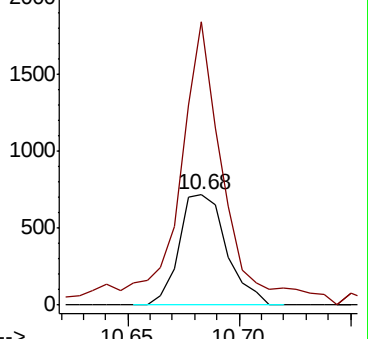
106 100

91 252.7 107.5 322.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 0.201 ug/l

RT: 10.70 min Scan# 1576

Delta R.T. -0.00 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

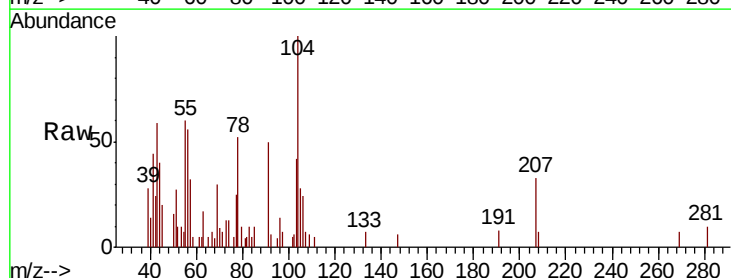
Tgt Ion:104 Resp: 1680

Ion Ratio Lower Upper

104 100

78 59.8 40.2 60.2

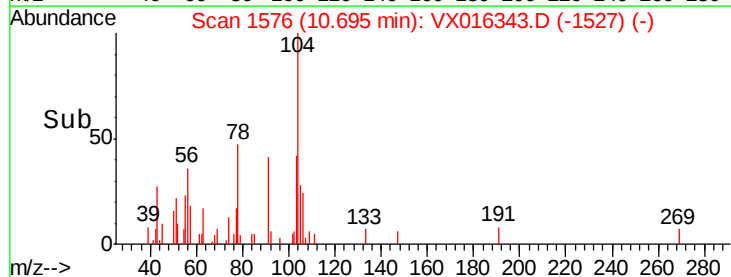
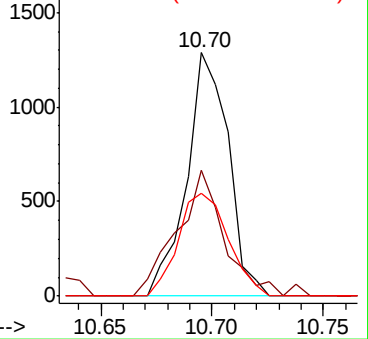
103 51.0 43.0 64.6

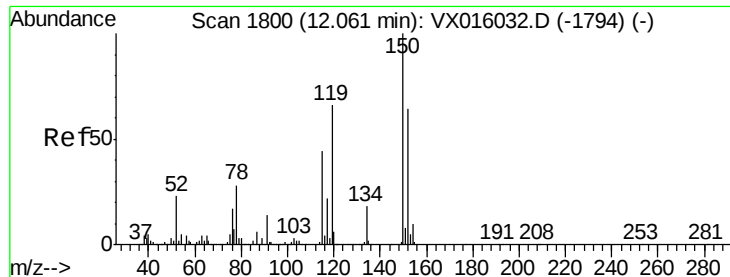


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): 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: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

1366

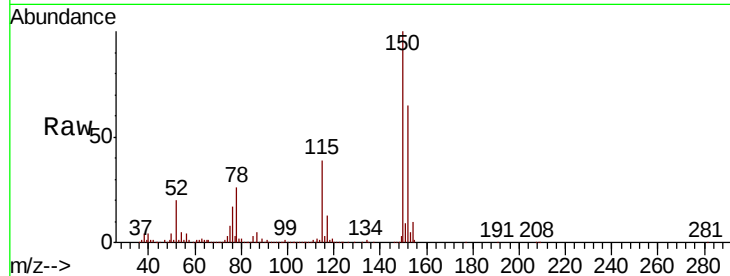
Tot Ion:152 Resp: 180507

Ion Ratio Lower Upper

152 100

115 60.5 41.3 124.1

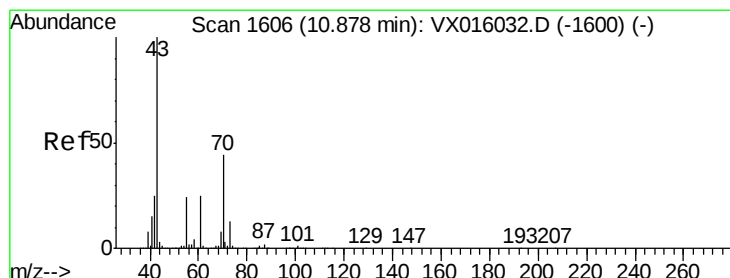
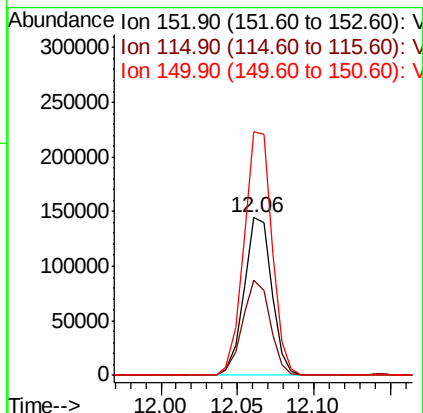
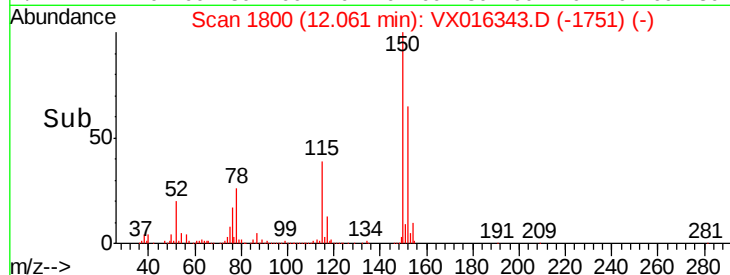
150 156.7 0.0 352.2



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



#74

N-ethyl acetate

Concen: 1.325 ug/l

RT: 10.90 min Scan# 1609

Delta R.T. 0.02 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Tgt Ion: 43 Resp: 8117

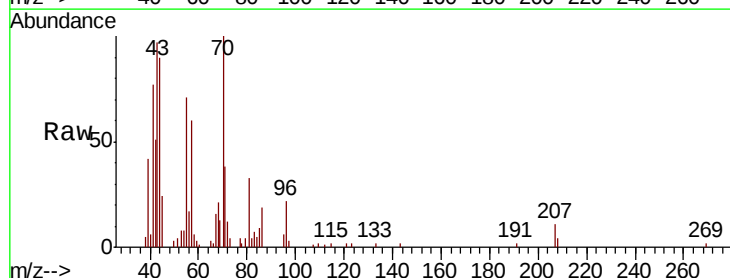
Ion Ratio Lower Upper

43 100

70 76.0 36.5 54.7#

55 70.0 19.7 29.5#

61 0.0 20.9 31.3#

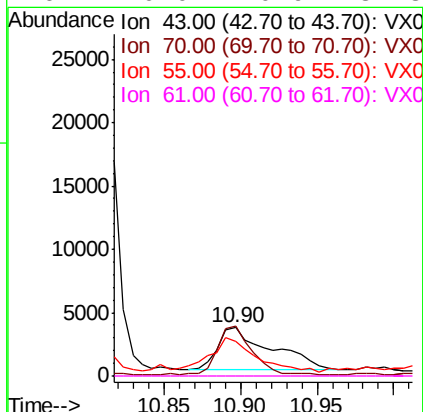
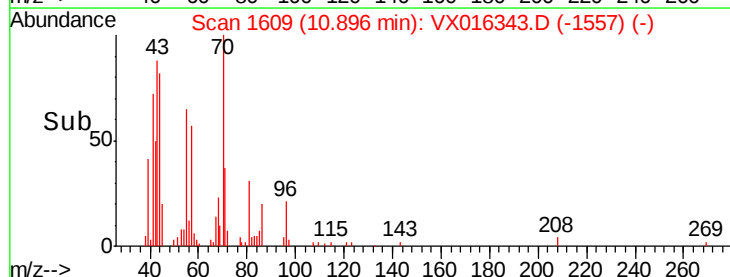


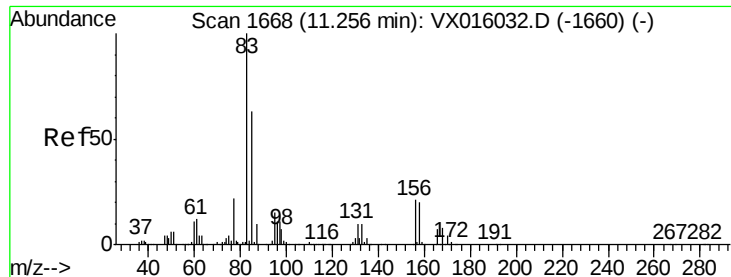
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 2.089 ug/l

RT: 11.27 min Scan# 1670

Delta R.T. 0.01 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

1366

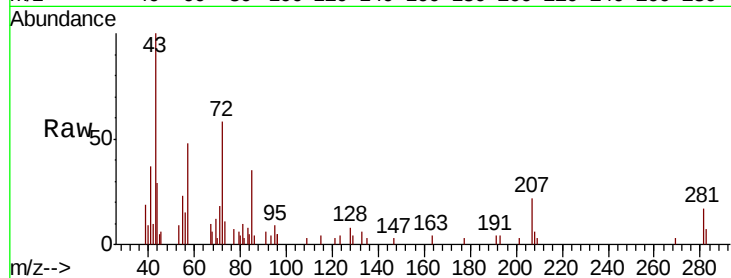
Tot Ion: 83 Resp: 97

Ion Ratio Lower Upper

83 100

131 0.0 5.1 15.4#

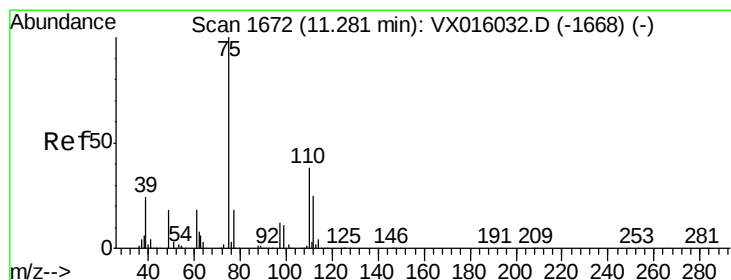
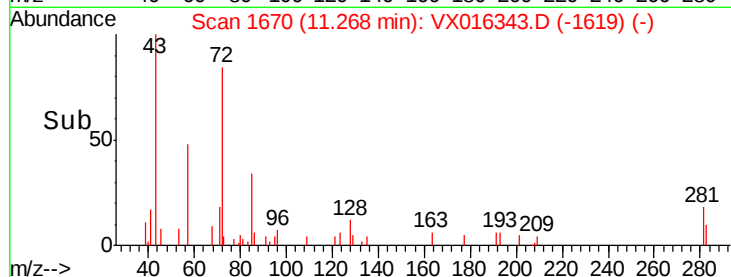
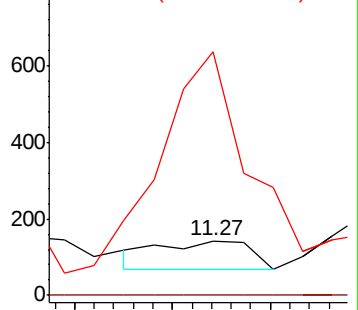
85 794.8 32.0 96.0#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 21.494 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX016343.D

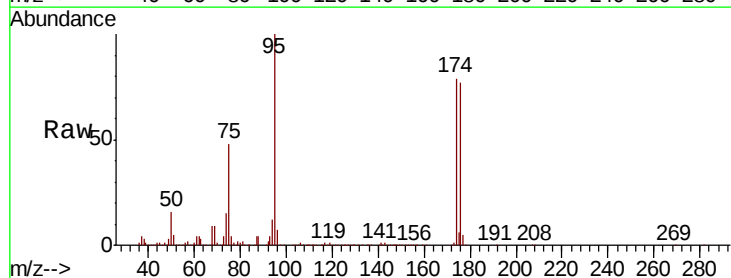
Acq: 19 May 2020 18:27

Tgt Ion: 75 Resp: 88041

Ion Ratio Lower Upper

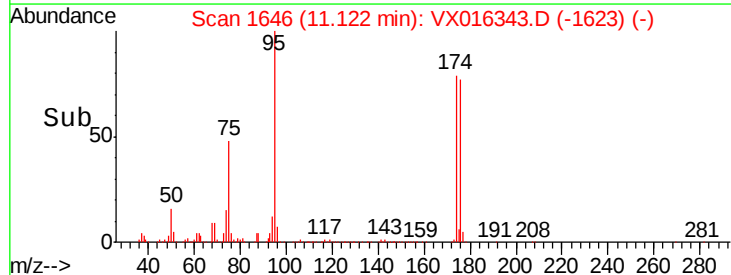
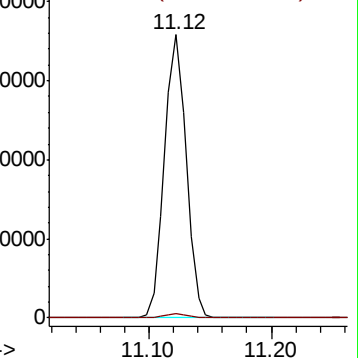
75 100

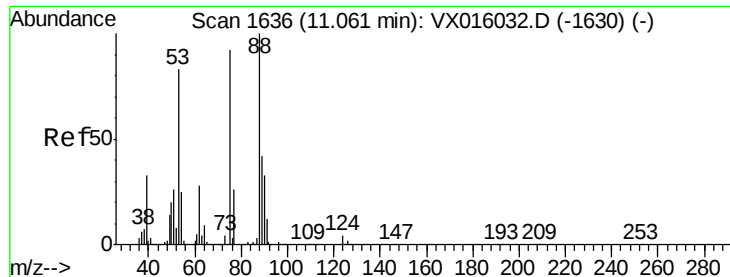
77 1.4 21.2 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 51.221 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.06 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

1366

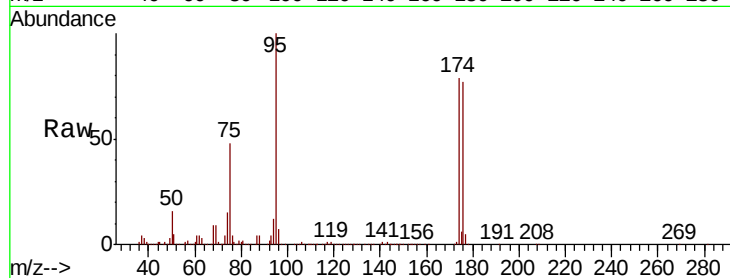
Tot Ion: 75 Resp: 88041

Ion Ratio Lower Upper

75 100

53 0.1 73.1 109.7#

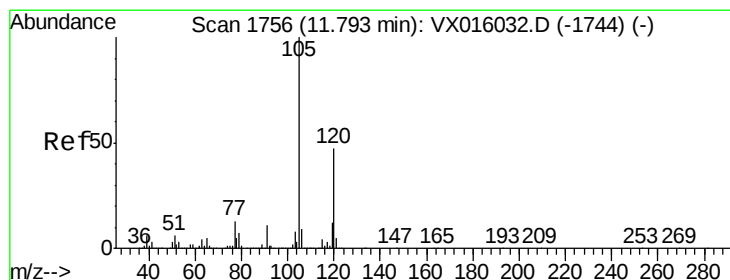
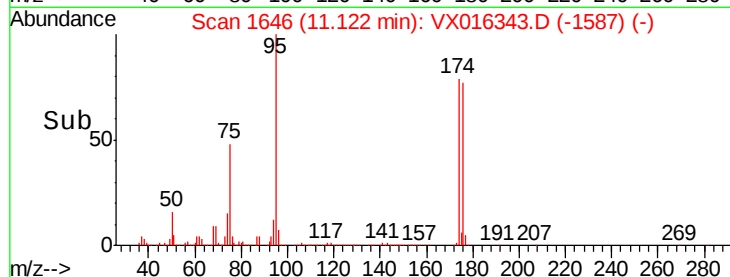
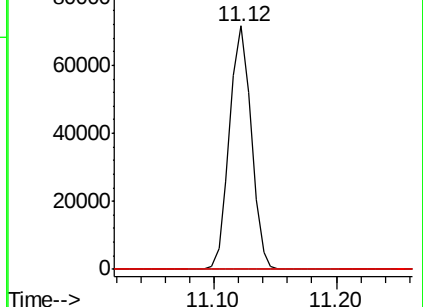
89 0.0 36.7 55.1#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.488 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX016343.D

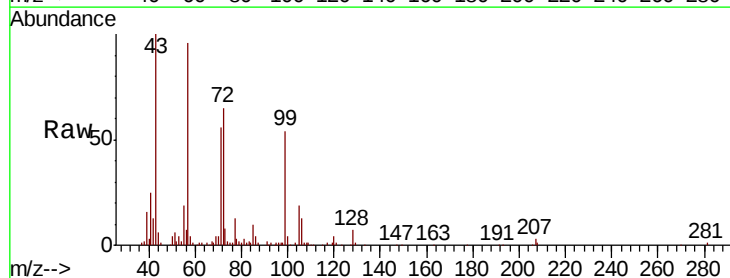
Acq: 19 May 2020 18:27

Tgt Ion: 105 Resp: 5473

Ion Ratio Lower Upper

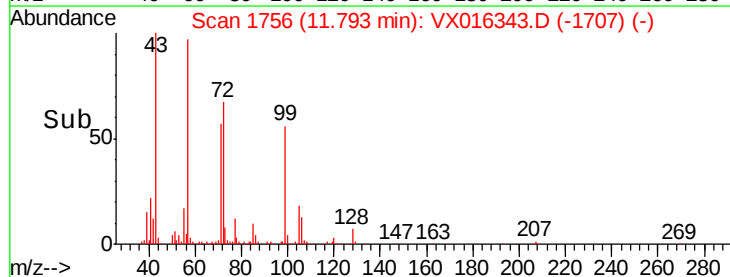
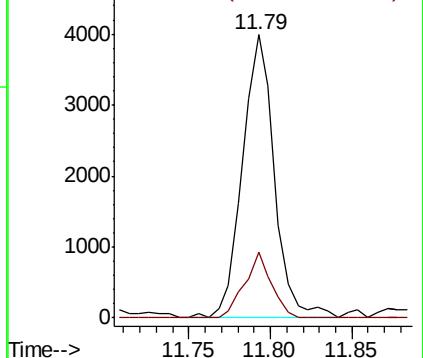
105 100

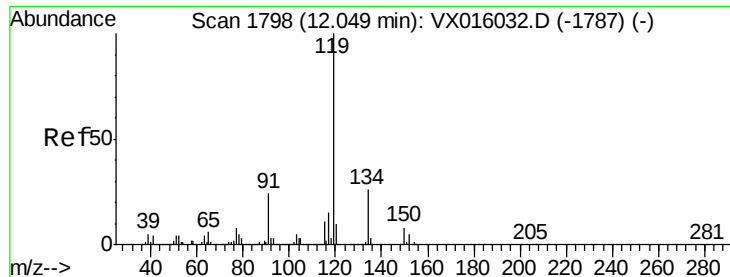
120 19.3 23.0 69.0#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

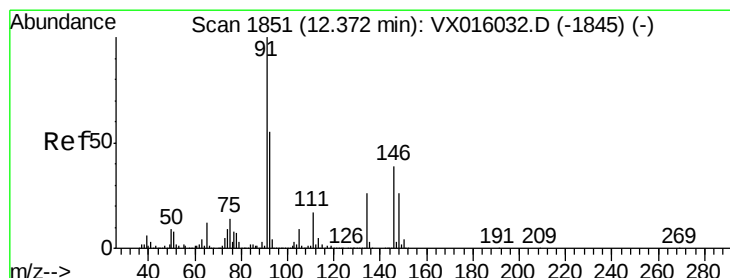
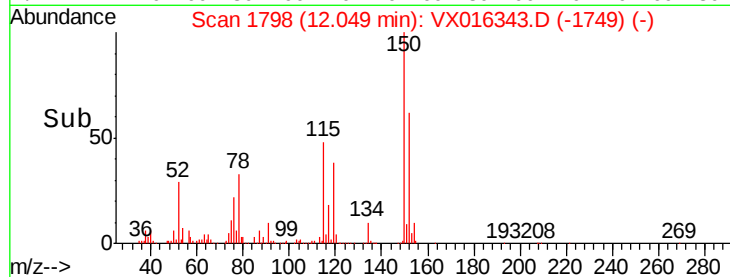
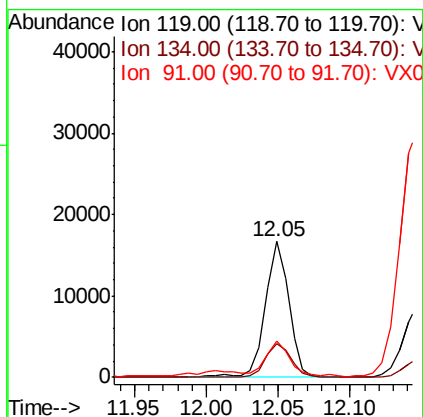
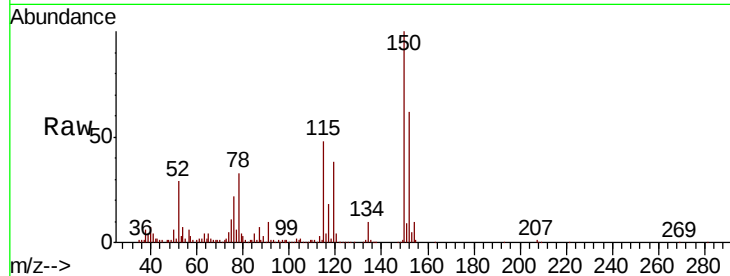




#86
p-Isopropyltoluene
Concen: 1.586 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

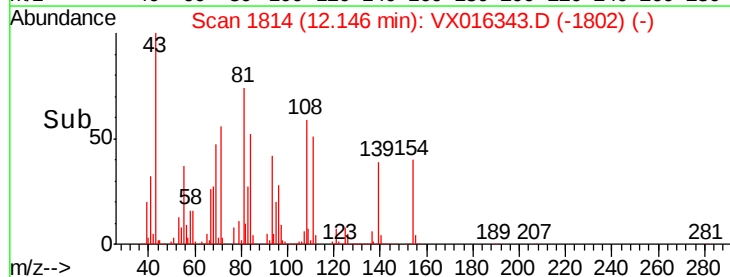
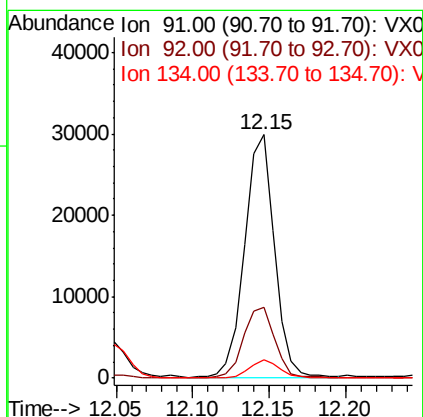
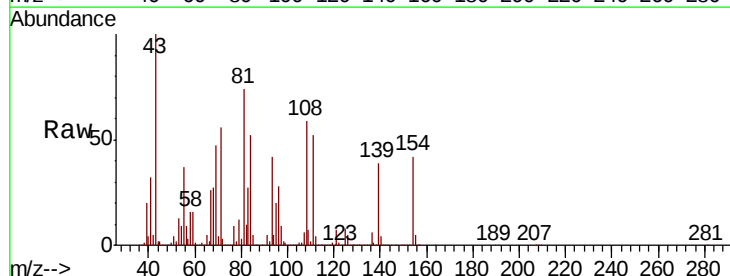
Instrument :
MSVOA_X
ClientSampleId :
1366

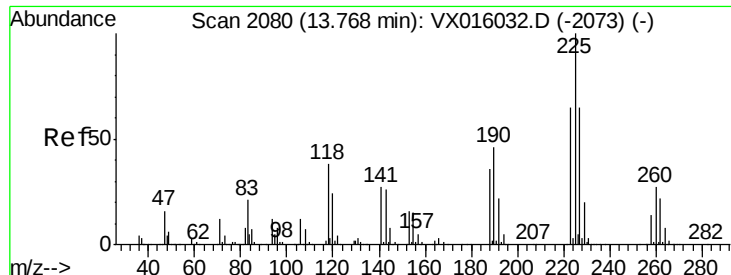
Tot Ion	Ratio	Lower	Upper
119	100		
134	27.8	13.1	39.3
91	27.4	11.8	35.4



#89
n-Butylbenzene
Concen: 3.680 ug/l
RT: 12.15 min Scan# 1814
Delta R.T. -0.23 min
Lab File: VX016343.D
Acq: 19 May 2020 18:27

Tgt Ion	Ratio	Lower	Upper
91	100		
92	31.1	27.6	82.7
134	7.8	13.4	40.1#





#94

Hexachlorobutadiene

Concen: 0.534 ug/l

RT: 13.76 min Scan# 2079

Delta R.T. -0.01 min

Lab File: VX016343.D

Acq: 19 May 2020 18:27

Instrument :

MSVOA_X

ClientSampleId :

1366

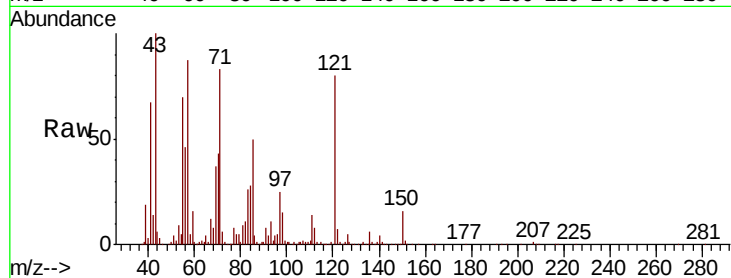
Tot Ion: 225 Resp: 19

Ion Ratio Lower Upper

225 100

223 0.0 32.3 96.9#

227 0.0 31.8 95.4#



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V

