

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019058.D
 Acq On : 23 Oct 2020 03:56
 Operator : JC/SP
 Sample : L4417-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

Quant Time: Oct 23 08:41:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	305856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	532089	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	517330	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	289756	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	179134	48.89	ug/l	0.00
Spiked Amount			Recovery	=	97.78%	
35) Dibromofluoromethane	5.46	113	162877	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	
50) Toluene-d8	8.70	98	672728	52.33	ug/l	0.00
Spiked Amount			Recovery	=	104.66%	
62) 4-Bromofluorobenzene	11.12	95	259595	56.77	ug/l	0.00
Spiked Amount			Recovery	=	113.54%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.67	94	203	Below Cal	#	2
6) Chloroethane	1.51	64	39728	14.588	ug/l #	54
10) Methyl Iodide	2.50	142	47	4.780	ug/l #	42
11) Tert butyl alcohol	3.01	59	10767	14.511	ug/l #	73
13) Acrolein	2.25	56	135901	472.858	ug/l #	1
14) Allyl chloride	2.82	41	477898	124.091	ug/l #	20
15) Acrylonitrile	3.15	53	30539	21.284	ug/l #	38
16) Acetone	2.38	43	377043	302.145	ug/l #	50
18) Methyl Acetate	2.82	43	769302	248.434	ug/l #	44
19) Methyl tert-butyl Ether	3.17	73	554771	58.830	ug/l #	1
20) Methylene Chloride	2.76	84	15961	4.594	ug/l #	23
23) Vinyl Acetate	3.79	43	27934	3.874	ug/l #	72
24) 1,1-Dichloroethane	3.64	63	1403	0.254	ug/l #	80
25) 2-Butanone	4.64	43	19166	9.720	ug/l	100
26) 2,2-Dichloropropane	4.49	77	1512	0.296	ug/l #	52
29) Tetrahydrofuran	5.20	42	1345	1.141	ug/l #	1
30) Chloroform	5.25	83	103175	17.183	ug/l #	24
31) Cyclohexane	5.55	56	557052	129.839	ug/l	92
36) 1,1-Dichloropropene	5.63	75	21901	4.587	ug/l #	48
37) Ethyl Acetate	4.86	43	1938	0.476	ug/l #	1
38) Carbon Tetrachloride	5.63	117	29456	5.878	ug/l #	16
39) Methylcyclohexane	7.44	83	331014	61.883	ug/l	96
40) Benzene	6.12	78	3096881	220.242	ug/l	99
41) Methacrylonitrile	5.03	41	11626	5.311	ug/l #	16
42) 1,2-Dichloroethane	6.12	62	24181	5.039	ug/l #	72
43) Isopropyl Acetate	6.43	43	15853	2.297	ug/l #	58
45) 1,2-Dichloropropane	7.44	63	4191	1.243	ug/l #	1
46) Dibromomethane	7.61	93	956	0.372	ug/l #	1
47) Bromodichloromethane	7.82	83	9282	1.843	ug/l #	60
48) Methyl methacrylate	7.76	41	8089	2.379	ug/l #	77
51) 4-Methyl-2-Pentanone	8.62	43	3656	0.899	ug/l	92
52) Toluene	8.77	92	11075895	1192.583	ug/l	79
53) t-1,3-Dichloropropene	8.77	75	141513	24.879	ug/l #	1
55) 1,1,2-Trichloroethane	9.15	97	30126	7.957	ug/l #	20

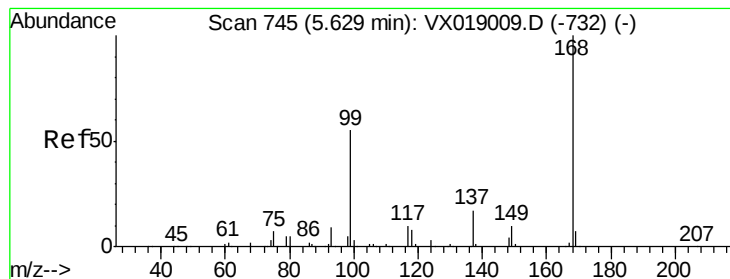
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019058.D
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Ethyl methacrylate	9.15	69	5152	0.946	ug/l #	17
58) 2-Chloroethyl Vinyl ether	8.24	63	1547	0.541	ug/l #	42
59) 2-Hexanone	9.49	43	14151	4.669	ug/l	99
67) Ethyl Benzene	10.24	91	17895870	956.737	ug/l #	38
68) m/p-Xylenes	10.35	106	5552005	774.850	ug/l	88
69) o-Xylene	10.68	106	1170722	170.717	ug/l	97
70) Styrene	10.68	104	58341	5.011	ug/l #	1
73) Isopropylbenzene	11.01	105	7239305	347.302	ug/l	94
74) N-amyl acetate	10.85	43	5967	0.893	ug/l #	24
76) 1,2,3-Trichloropropane	11.35	75	53157	9.179	ug/l #	1
78) n-propylbenzene	11.35	91	8665054	366.862	ug/l	94
79) 2-Chlorotoluene	11.42	91	377777	27.417	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.49	105	1475428	85.716	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.01	75	78991	34.750	ug/l #	58
82) 4-Chlorotoluene	11.42	91	377777	23.042	ug/l #	44
83) tert-Butylbenzene	11.79	119	649887	38.326	ug/l #	61
84) 1,2,4-Trimethylbenzene	11.79	105	4994601	289.775	ug/l	95
85) sec-Butylbenzene	11.93	105	271965	13.254	ug/l	98
86) p-Isopropyltoluene	12.05	119	25179	1.343	ug/l #	50
89) n-Butylbenzene	12.37	91	281831	16.422	ug/l #	53
90) Hexachloroethane	12.65	117	179137	62.411	ug/l #	12
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1979	1.384	ug/l #	1
95) Naphthalene	13.82	128	6833498	329.713	ug/l	98

(#) = 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: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampleId :

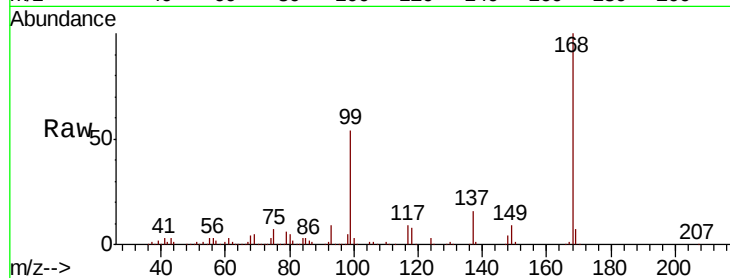
MW-3

Tot Ion:168 Resp: 305856

Ion Ratio Lower Upper

168 100

99 54.4 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

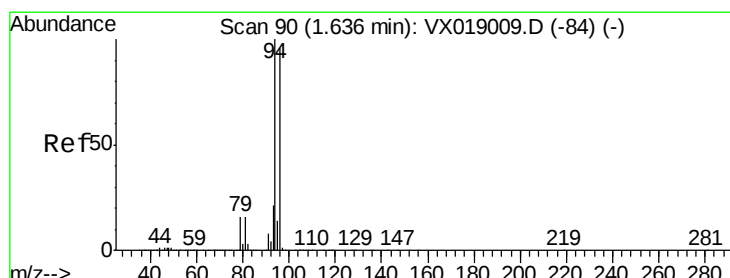
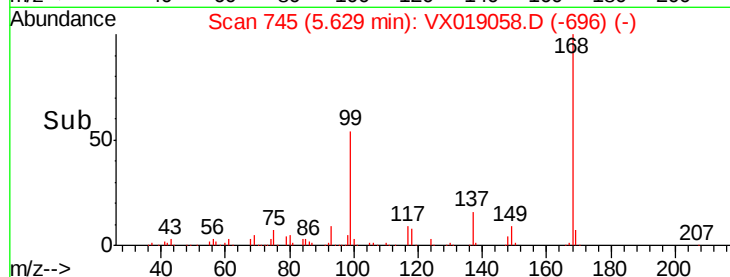
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 95

Delta R.T. 0.03 min

Lab File: VX019058.D

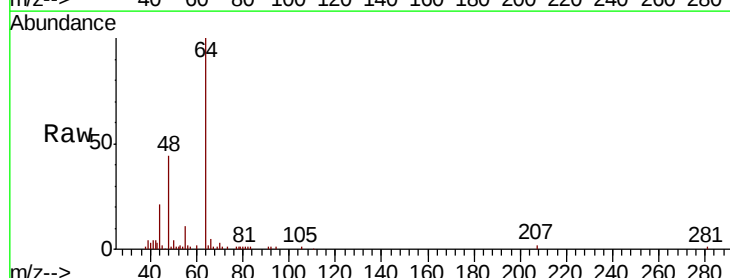
Acq: 23 Oct 2020 03:56

Tgt Ion: 94 Resp: 203

Ion Ratio Lower Upper

94 100

96 0.0 77.1 115.7#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

120

100

80

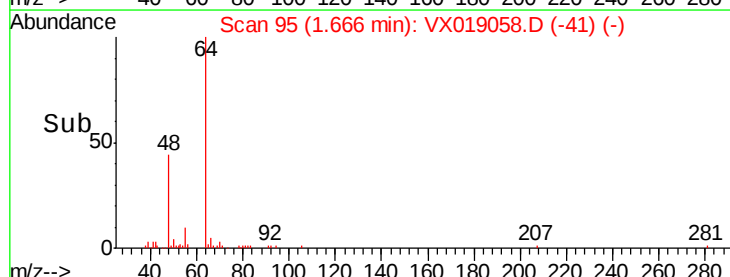
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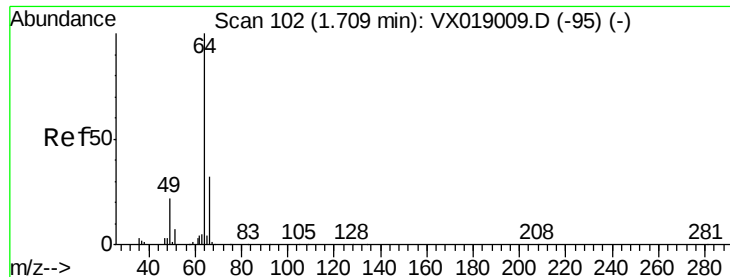
40

20

0

Time-->





#6

Chloroethane

Concen: 14.588 ug/l

RT: 1.51 min Scan# 69

Delta R.T. -0.20 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampleId :

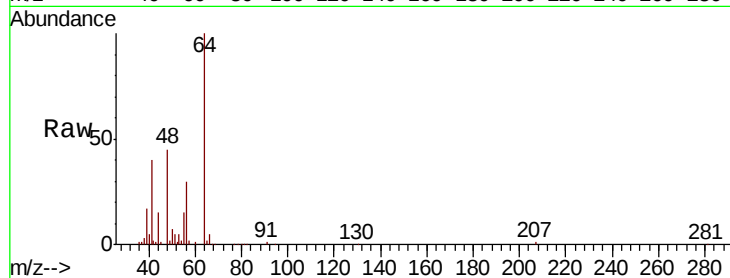
MW-3

Tot Ion: 64 Resp: 39728

Ion Ratio Lower Upper

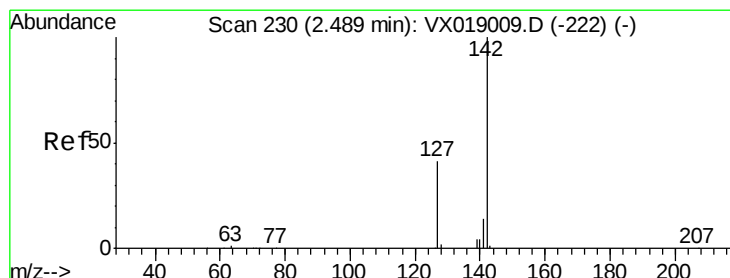
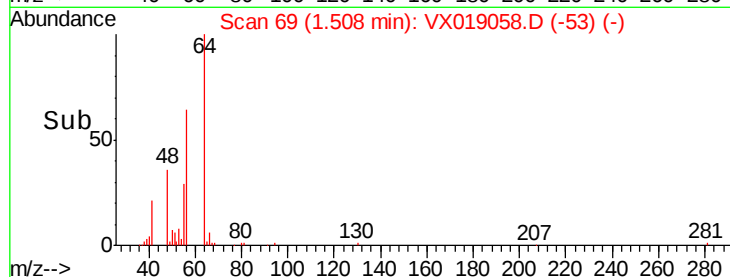
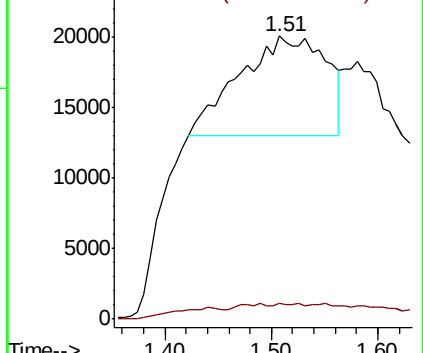
64 100

66 6.5 25.7 38.5#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 4.780 ug/l

RT: 2.50 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

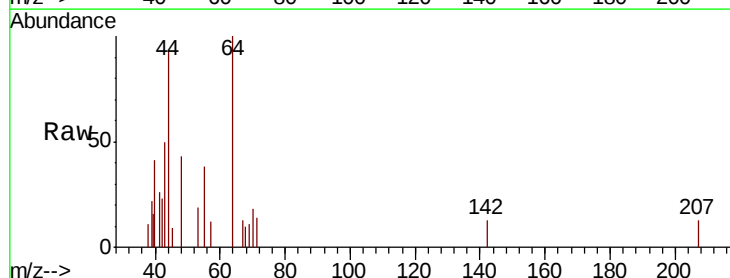
Tgt Ion: 142 Resp: 47

Ion Ratio Lower Upper

142 100

127 0.0 33.6 50.4#

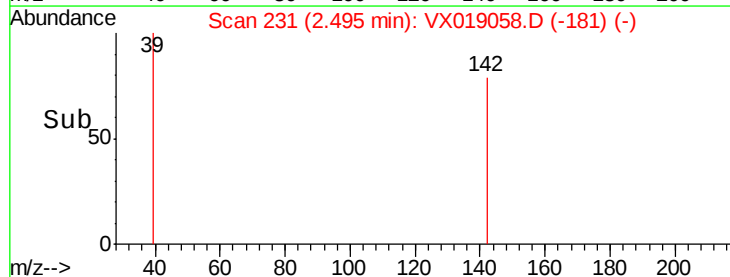
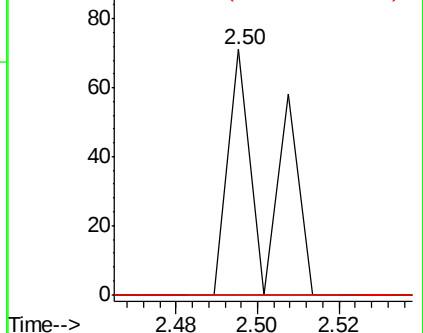
141 0.0 11.2 16.8#

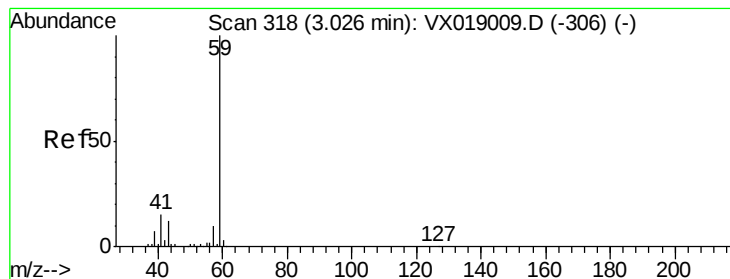


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 14.511 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.02 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampleId :

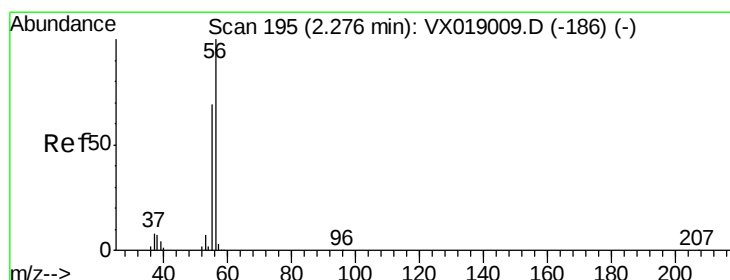
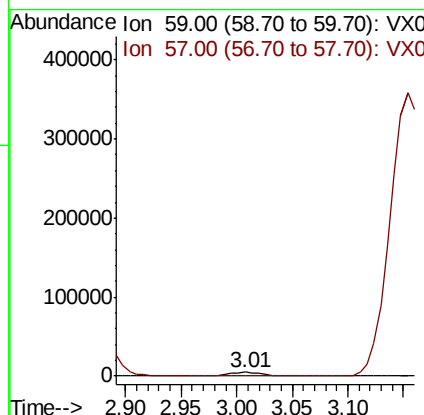
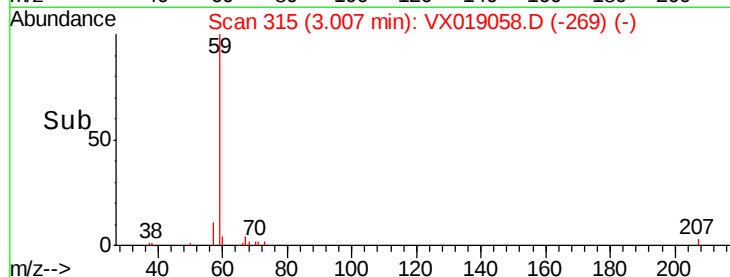
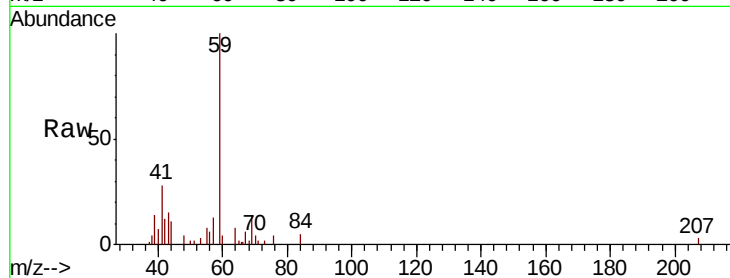
MW-3

Tot Ion: 59 Resp: 10767

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#13

Acrolein

Concen: 472.858 ug/l

RT: 2.25 min Scan# 191

Delta R.T. -0.02 min

Lab File: VX019058.D

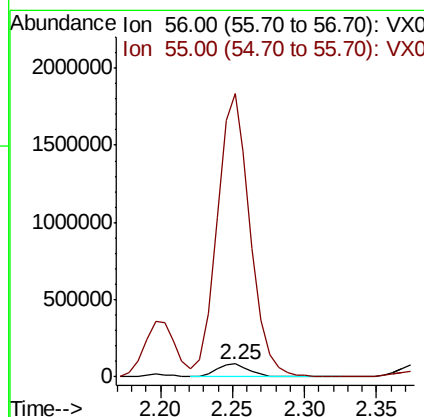
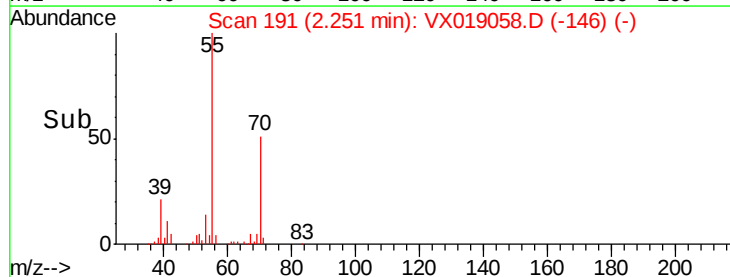
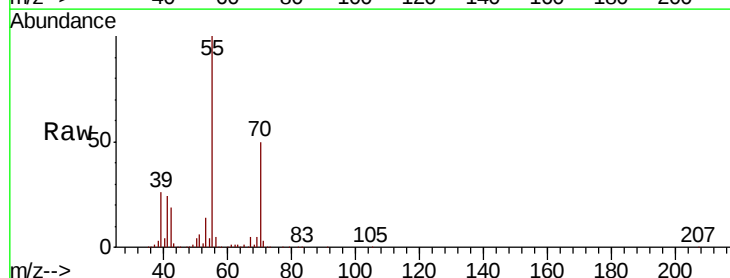
Acq: 23 Oct 2020 03:56

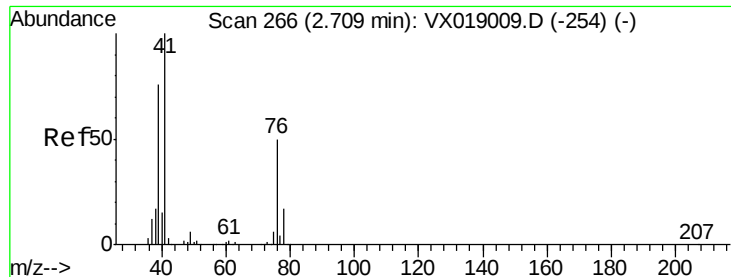
Tgt Ion: 56 Resp: 135901

Ion Ratio Lower Upper

56 100

55 2145.2 54.2 81.4#

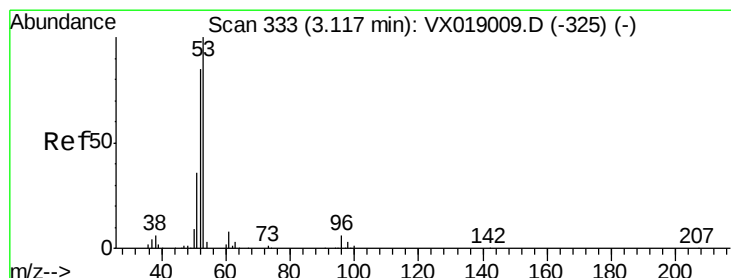
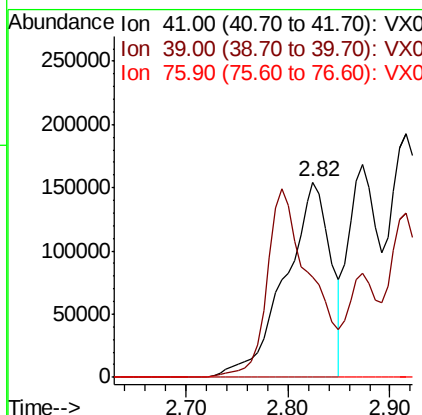
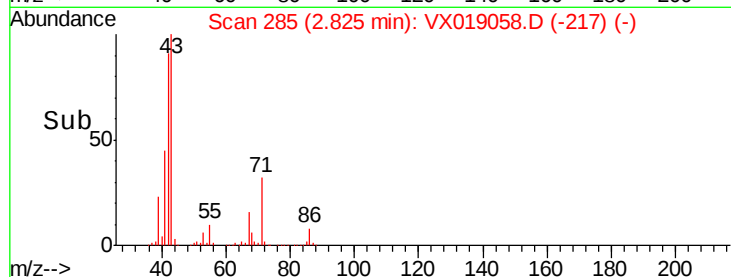
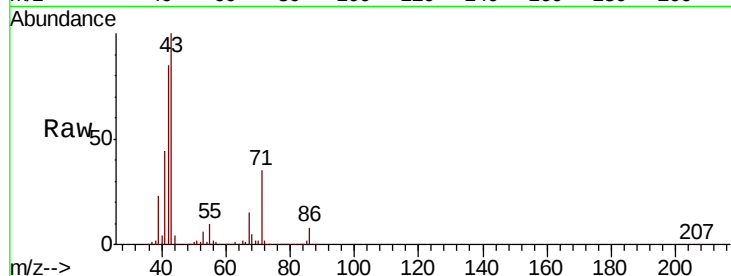




#14
Allvl chloride
Concen: 124.091 ug/l
RT: 2.82 min Scan# 285
Delta R.T. 0.12 min
Lab File: VX019058.D
Acq: 23 Oct 2020 03:56

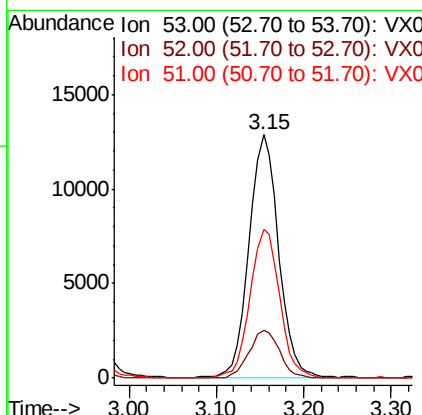
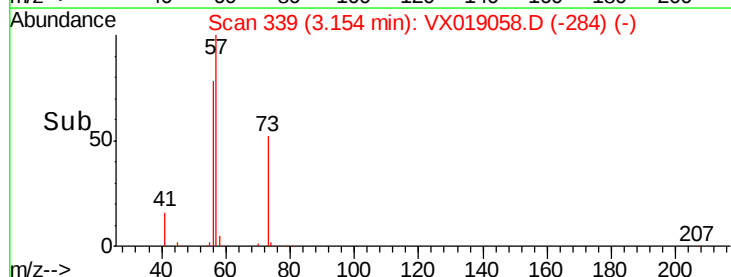
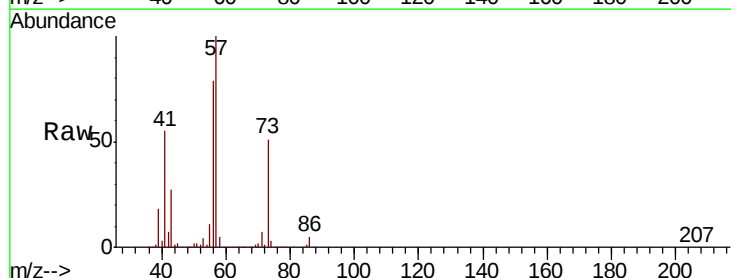
Instrument :
MSVOA_X
ClientSampled :
MW-3

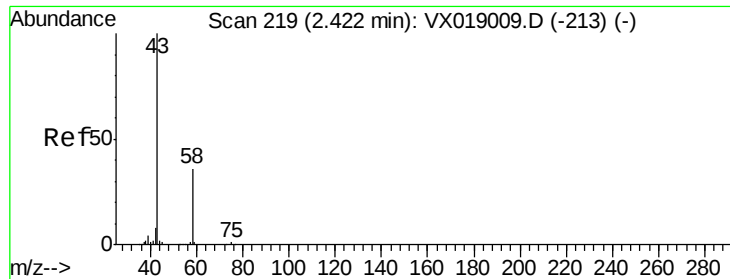
Tot Ion: 41 Resp: 477898
Ion Ratio Lower Upper
41 100
39 0.0 57.4 86.0#
76 0.0 37.7 56.5#



#15
Acrylonitrile
Concen: 21.284 ug/l
RT: 3.15 min Scan# 339
Delta R.T. 0.04 min
Lab File: VX019058.D
Acq: 23 Oct 2020 03:56

Tgt Ion: 53 Resp: 30539
Ion Ratio Lower Upper
53 100
52 20.1 65.9 98.9#
51 60.9 28.3 42.5#





#16

Acetone

Concen: 302.145 ug/l

RT: 2.38 min Scan# 212

Delta R.T. -0.04 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampleId :

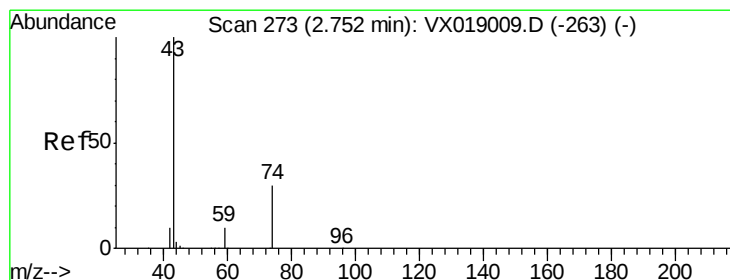
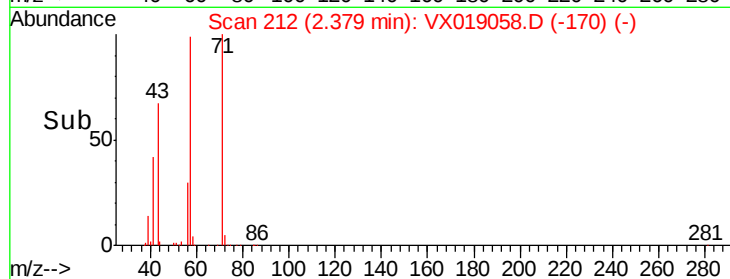
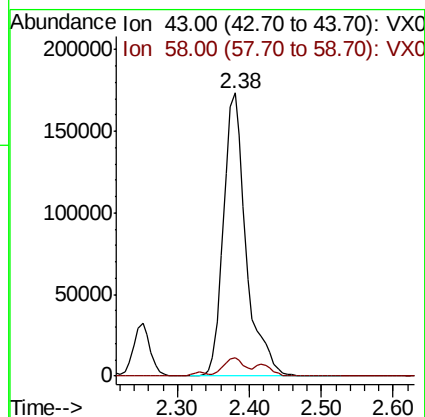
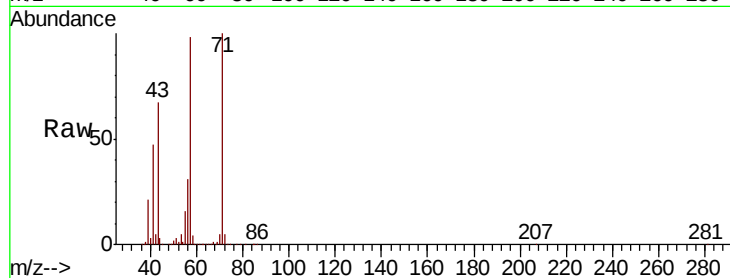
MW-3

Tot Ion: 43 Resp: 377043

Ion Ratio Lower Upper

43 100

58 6.5 28.6 42.8#



#18

Methyl Acetate

Concen: 248.434 ug/l

RT: 2.82 min Scan# 285

Delta R.T. 0.07 min

Lab File: VX019058.D

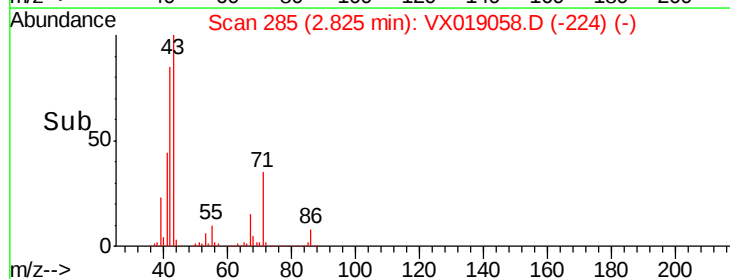
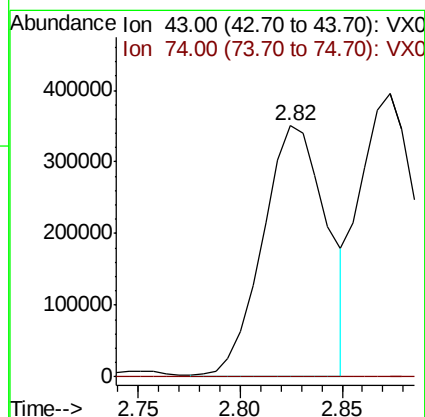
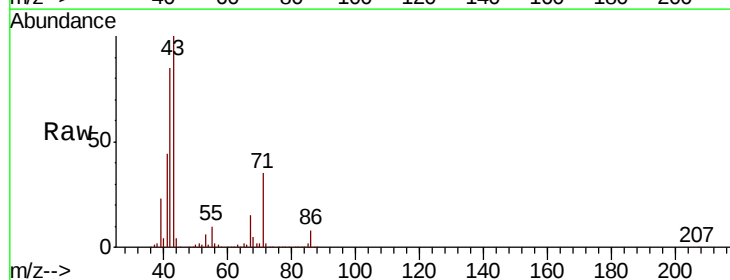
Acq: 23 Oct 2020 03:56

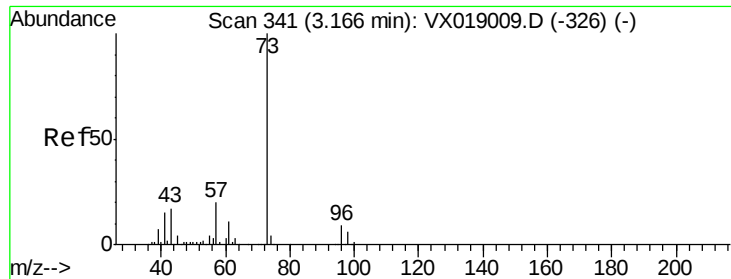
Tgt Ion: 43 Resp: 769302

Ion Ratio Lower Upper

43 100

74 0.0 24.9 37.3#

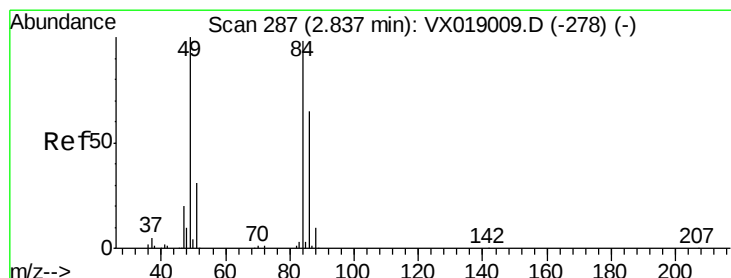
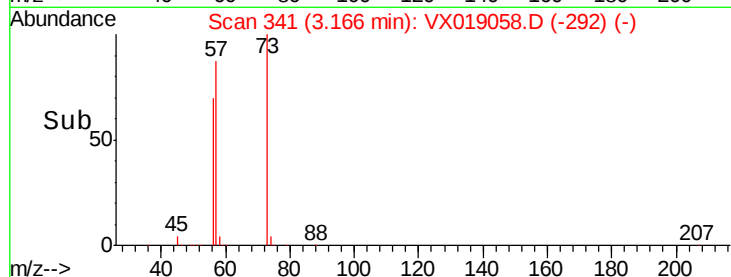
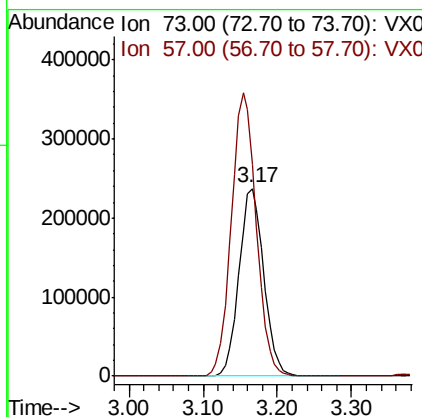
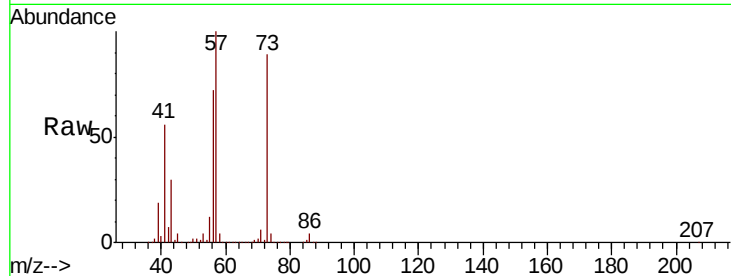




#19
Methyl tert-butyl Ether
Concen: 58.830 ug/l
RT: 3.17 min Scan# 341
Delta R.T. -0.00 min
Lab File: VX019058.D
Acq: 23 Oct 2020 03:56

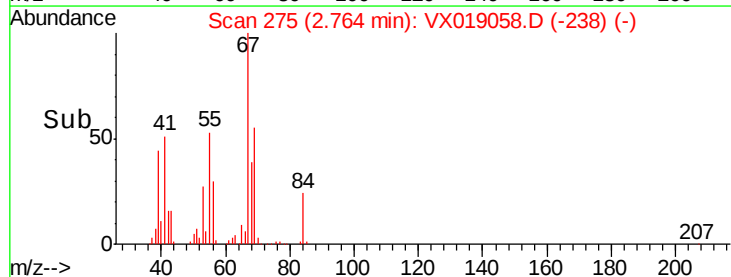
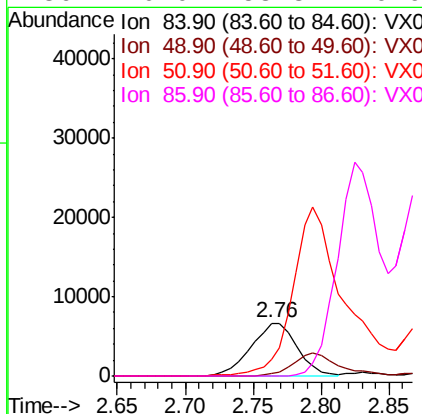
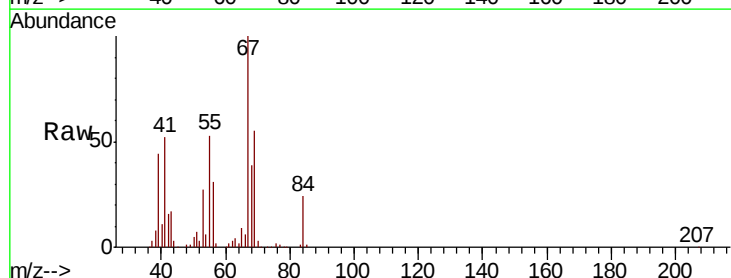
Instrument :
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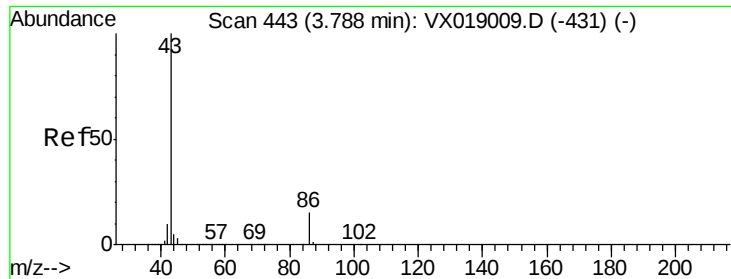
Tot Ion: 73 Resp: 554771
Ion Ratio Lower Upper
73 100
57 112.8 16.2 24.2#



#20
Methylene Chloride
Concen: 4.594 ug/l
RT: 2.76 min Scan# 275
Delta R.T. -0.07 min
Lab File: VX019058.D
Acq: 23 Oct 2020 03:56

Tgt Ion: 84 Resp: 15961
Ion Ratio Lower Upper
84 100
49 4.3 81.6 122.4#
51 30.4 25.6 38.4
86 0.0 53.3 79.9#





#23

Vinyl Acetate

Concen: 3.874 ug/l

RT: 3.79 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampled :

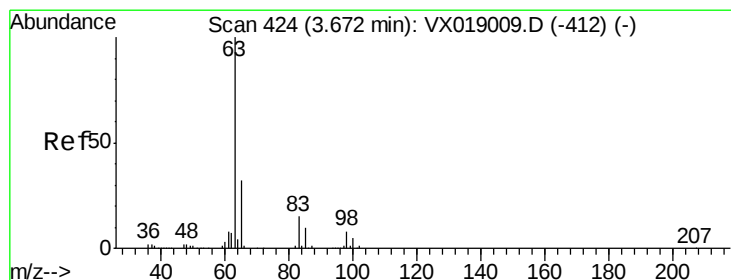
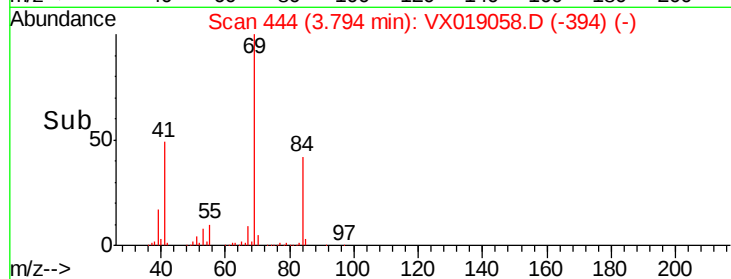
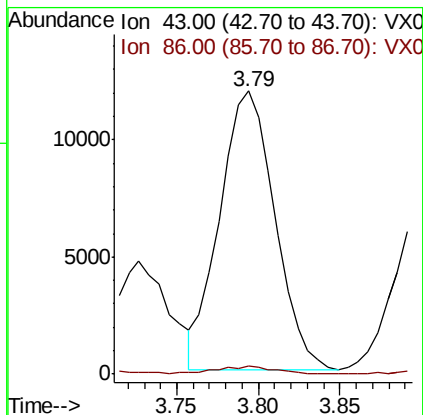
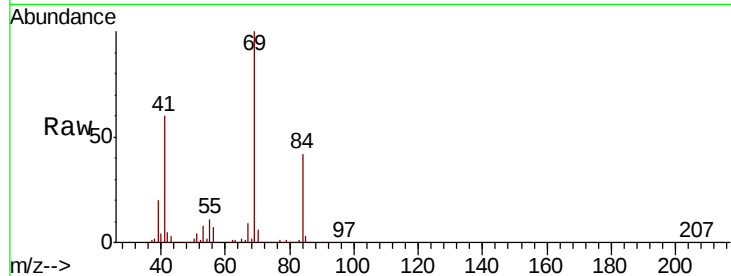
MW-3

Tot Ion: 43 Resp: 27934

Ion Ratio Lower Upper

43 100

86 2.9 11.7 17.5#



#24

1,1-Dichloroethane

Concen: 0.254 ug/l

RT: 3.64 min Scan# 419

Delta R.T. -0.03 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

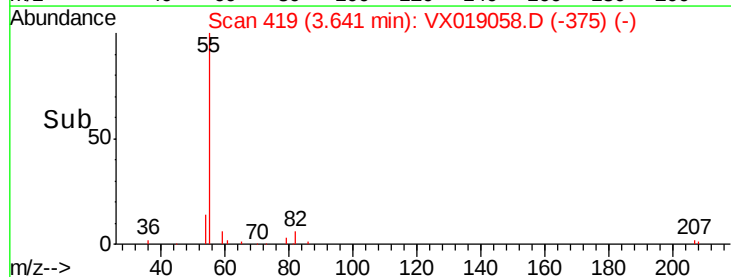
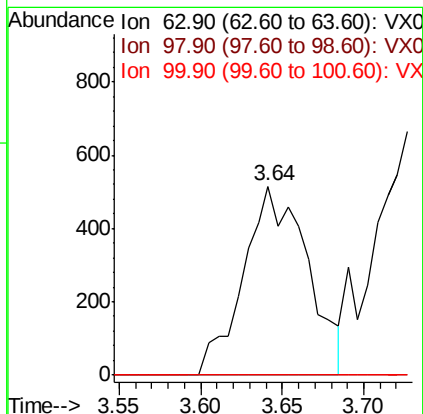
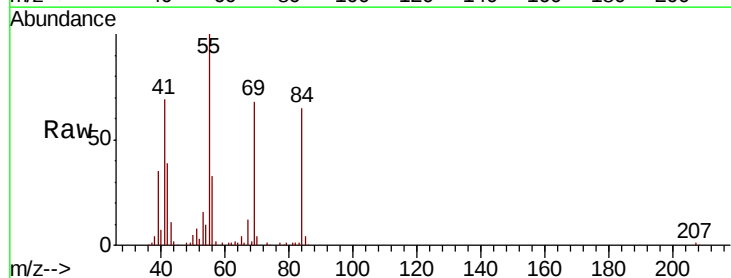
Tgt Ion: 63 Resp: 1403

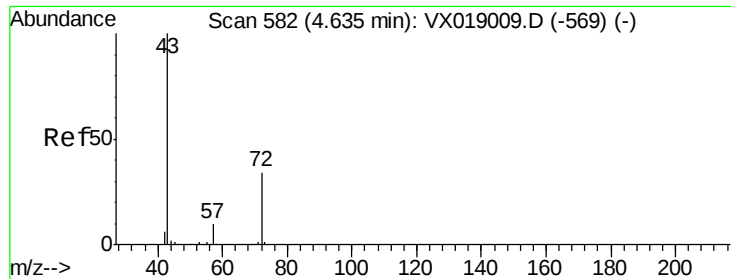
Ion Ratio Lower Upper

63 100

98 0.0 4.0 12.0#

100 0.0 2.5 7.4#





#25

2-Butanone

Concen: 9.720 ug/l

RT: 4.64 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampleId :

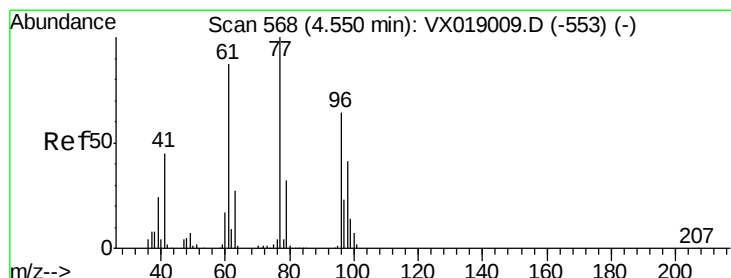
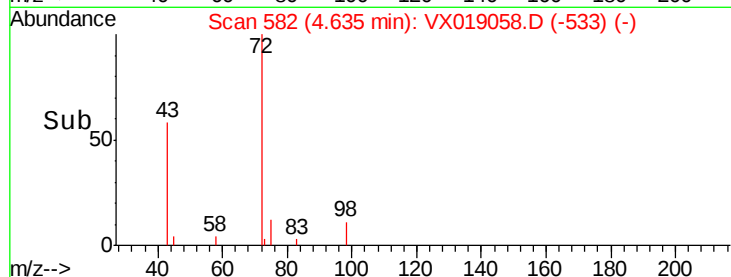
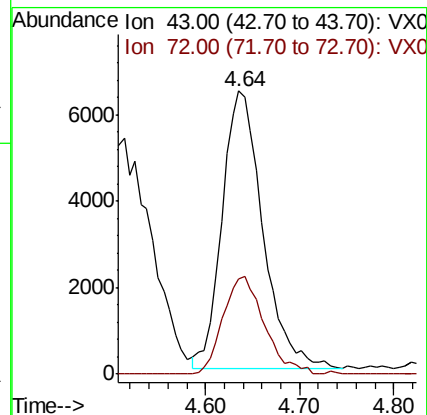
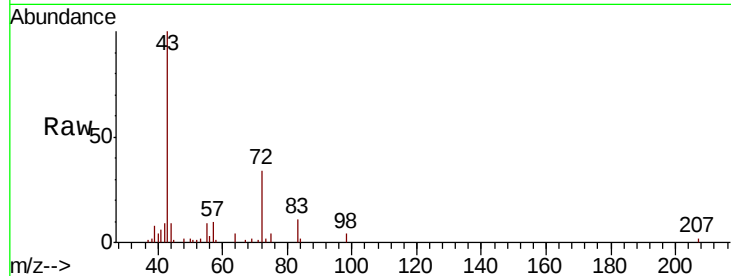
MW-3

Tot Ion: 43 Resp: 19166

Ion Ratio Lower Upper

43 100

72 34.4 27.8 41.6



#26

2,2-Dichloropropane

Concen: 0.296 ug/l

RT: 4.49 min Scan# 559

Delta R.T. -0.06 min

Lab File: VX019058.D

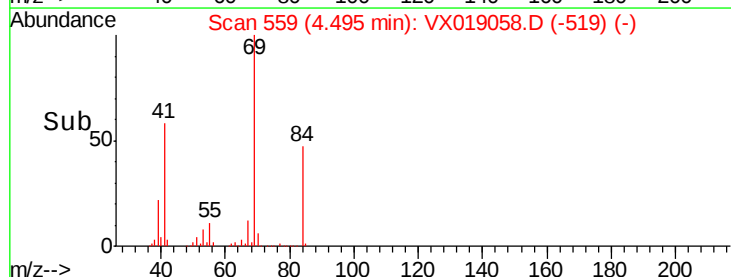
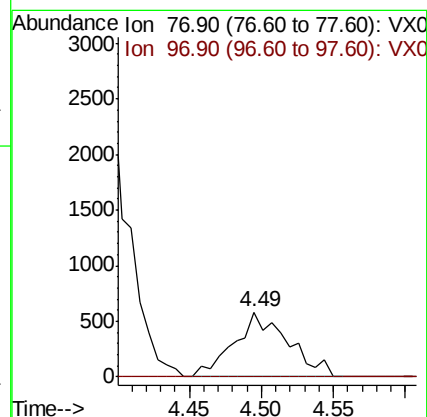
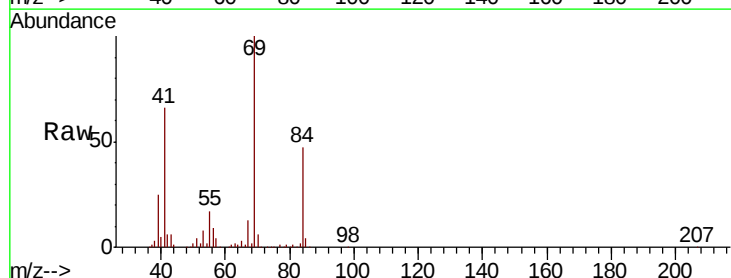
Acq: 23 Oct 2020 03:56

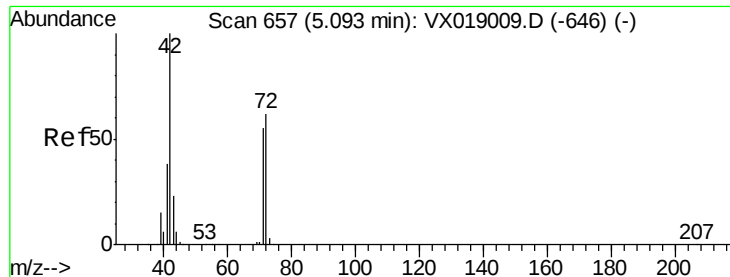
Tgt Ion: 77 Resp: 1512

Ion Ratio Lower Upper

77 100

97 0.0 11.9 35.7#

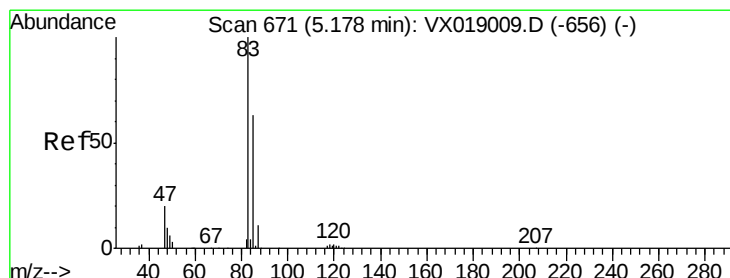
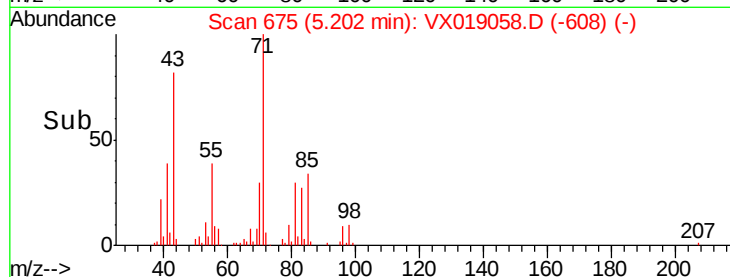
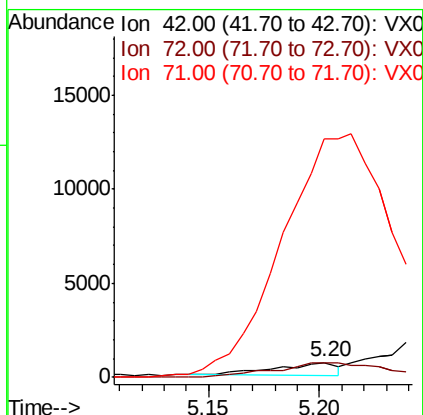
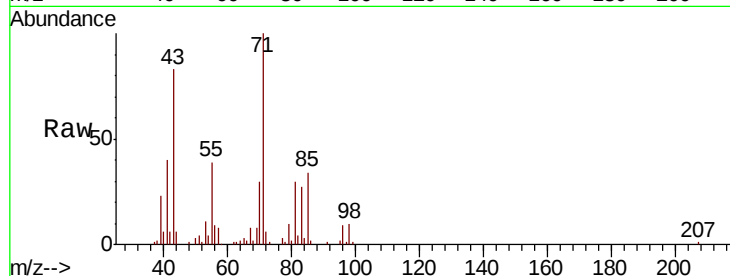




#29
Tetrahydrofuran
Concen: 1.141 ug/l
RT: 5.20 min Scan# 675
Delta R.T. 0.11 min
Lab File: VX019058.D
Acq: 23 Oct 2020 03:56

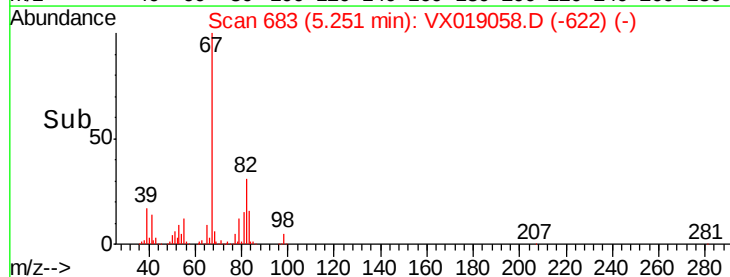
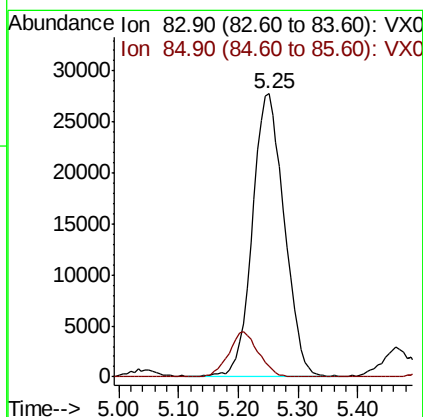
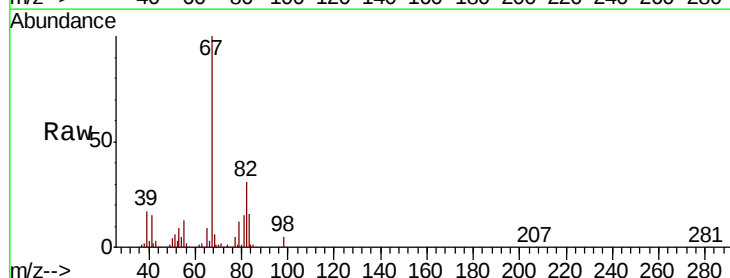
Instrument :
MSVOA_X
ClientSampleId :
MW-3

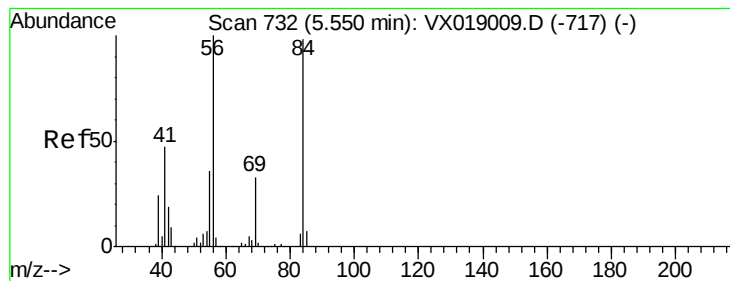
Tot Ion: 42 Resp: 1345
Ion Ratio Lower Upper
42 100
72 216.5 49.1 73.7#
71 3462.4 44.2 66.4#



#30
Chloroform
Concen: 17.183 ug/l
RT: 5.25 min Scan# 683
Delta R.T. 0.07 min
Lab File: VX019058.D
Acq: 23 Oct 2020 03:56

Tgt Ion: 83 Resp: 103175
Ion Ratio Lower Upper
83 100
85 3.7 50.5 75.7#





#31

Cyclohexane

Concen: 129.839 ug/l

RT: 5.55 min Scan# 732

Delta R.T. -0.00 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampled :

MW-3

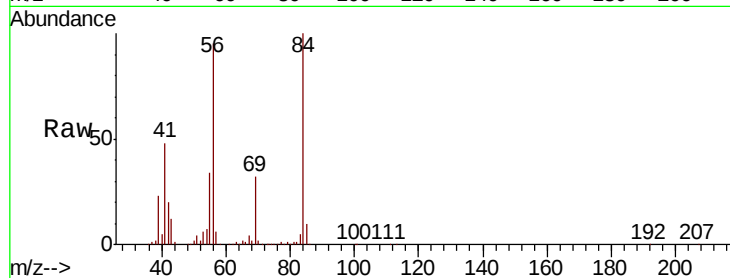
Tot Ion: 56 Resp: 557052

Ion Ratio Lower Upper

56 100

69 29.0 26.2 39.2

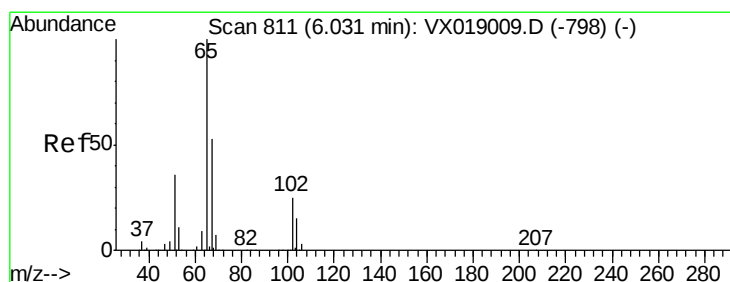
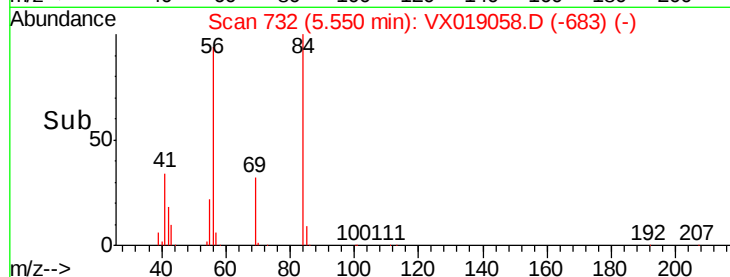
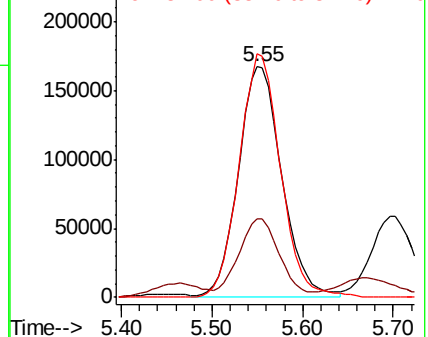
84 106.5 78.3 117.5



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.895 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019058.D

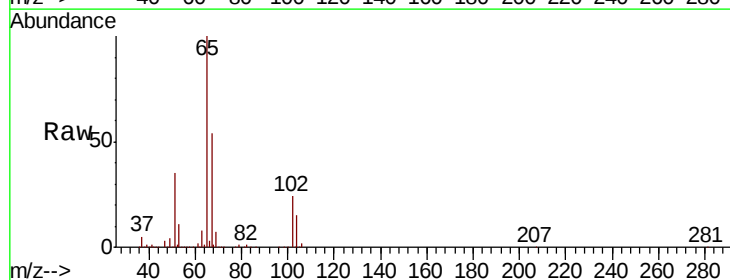
Acq: 23 Oct 2020 03:56

Tgt Ion: 65 Resp: 179134

Ion Ratio Lower Upper

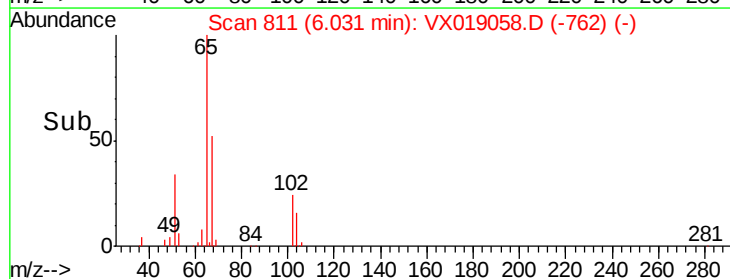
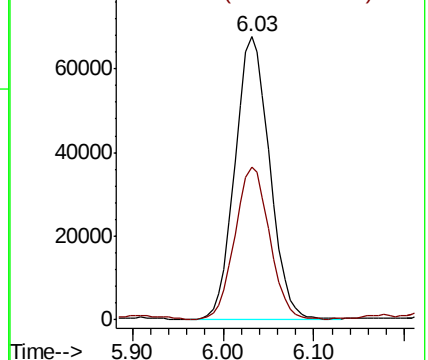
65 100

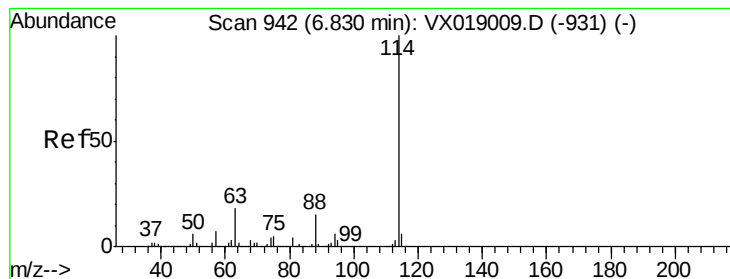
67 53.6 0.0 107.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampleId :

MW-3

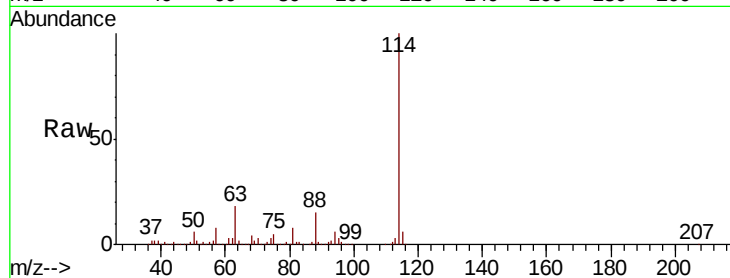
Tot Ion:114 Resp: 532089

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

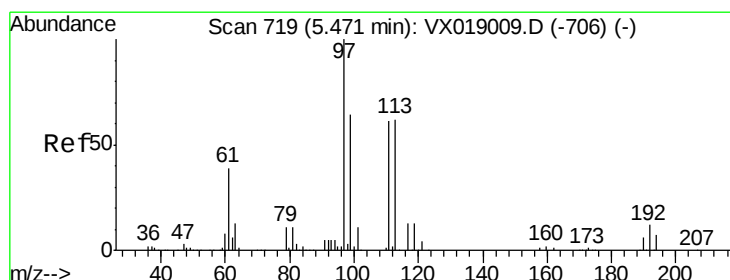
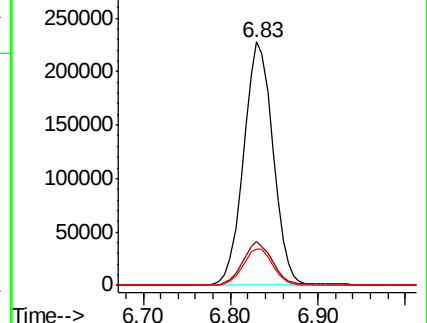
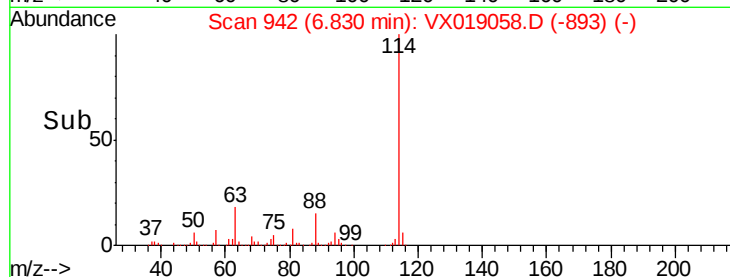
88 14.7 0.0 30.2



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: 48.348 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

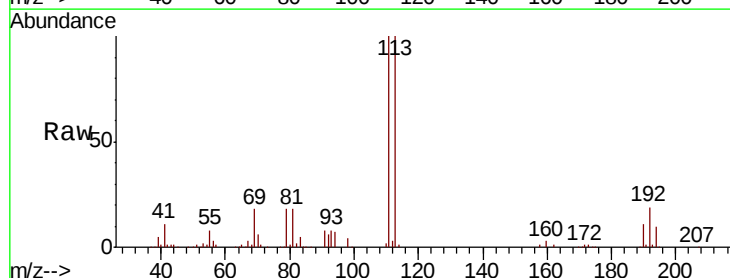
Tgt Ion:113 Resp: 162877

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

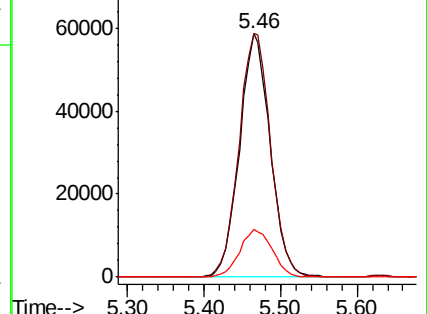
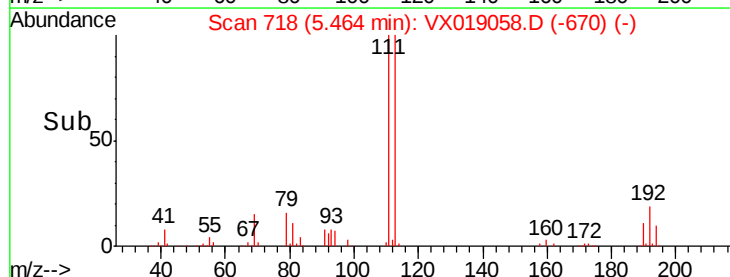
192 20.7 16.3 24.5

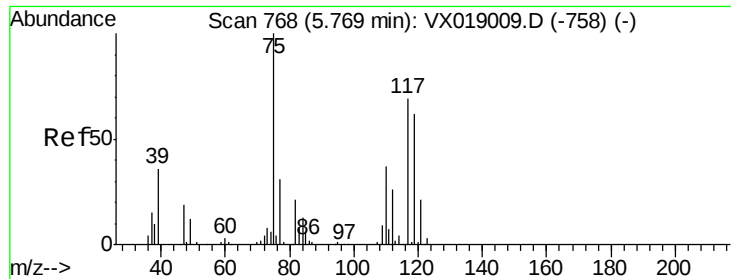


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.587 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.14 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampled :

MW-3

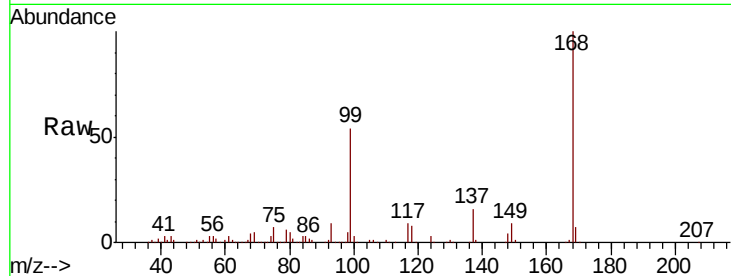
Tot Ion: 75 Resp: 21901

Ion Ratio Lower Upper

75 100

110 9.7 19.4 58.2#

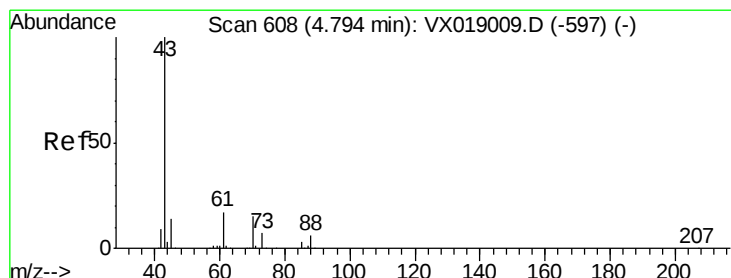
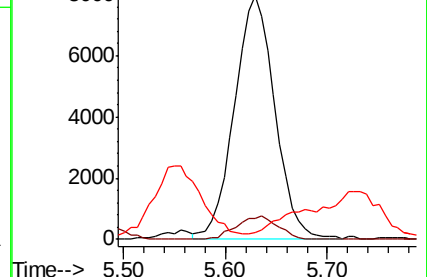
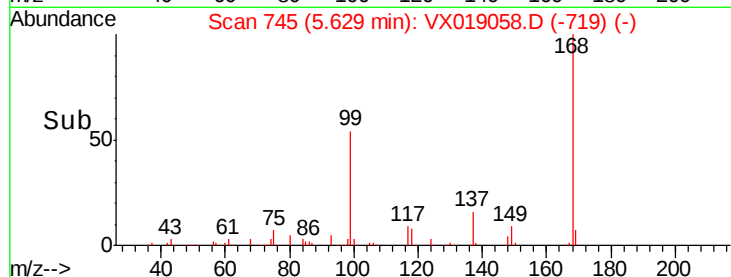
77 0.0 25.2 37.8#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#37

Ethyl Acetate

Concen: 0.476 ug/l

RT: 4.86 min Scan# 619

Delta R.T. 0.07 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

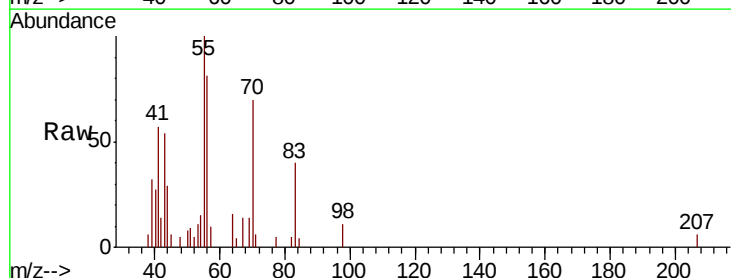
Tgt Ion: 43 Resp: 1938

Ion Ratio Lower Upper

43 100

61 0.0 13.8 20.8#

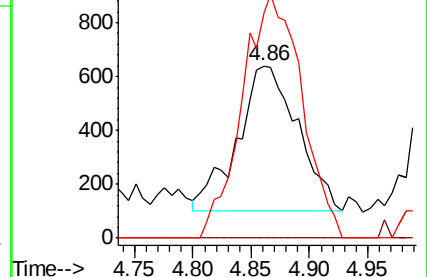
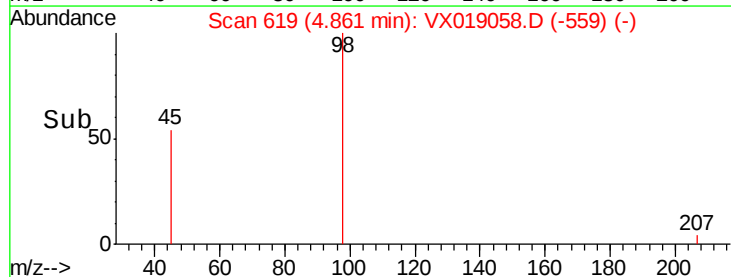
70 166.2 11.4 17.2#

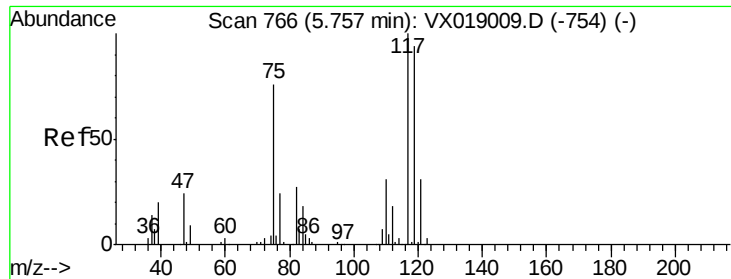


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0





#38

Carbon Tetrachloride

Concen: 5.878 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampled :

MW-3

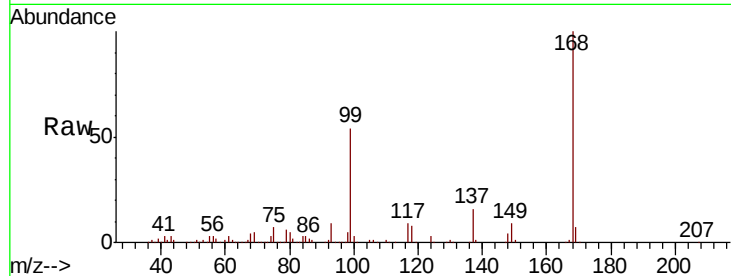
Tot Ion:117 Resp: 29456

Ion Ratio Lower Upper

117 100

119 4.1 75.4 113.0#

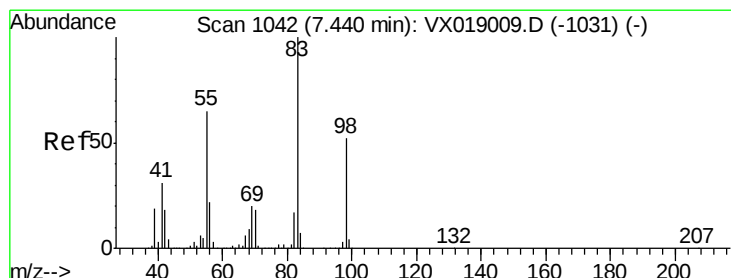
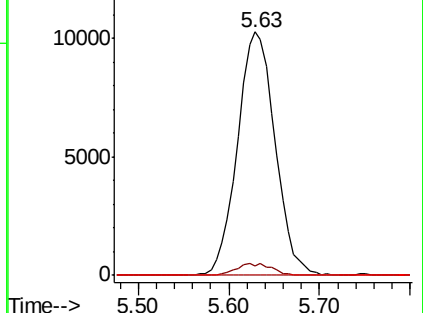
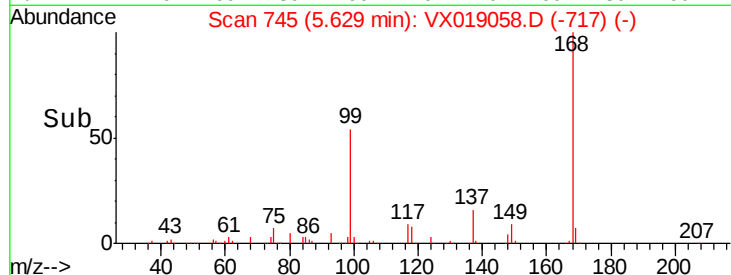
121 0.0 25.0 37.6#



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: 61.883 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

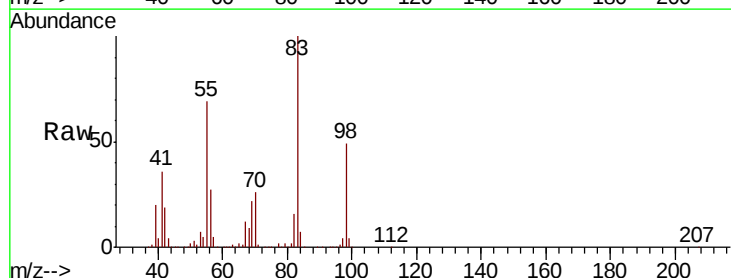
Tgt Ion: 83 Resp: 331014

Ion Ratio Lower Upper

83 100

55 68.8 51.8 77.6

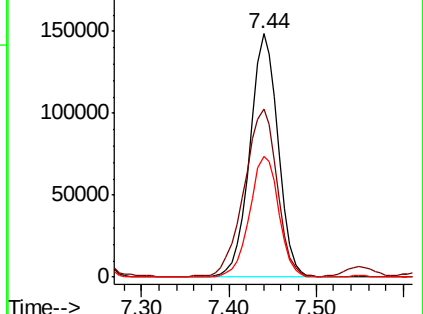
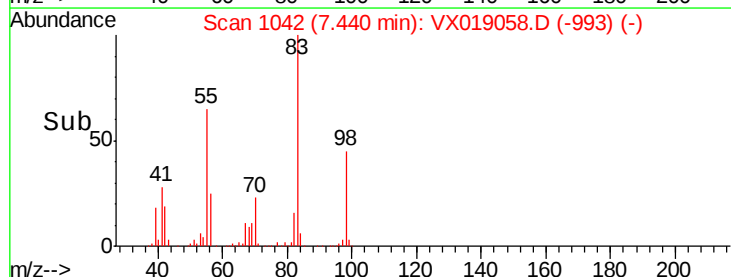
98 49.5 41.4 62.2

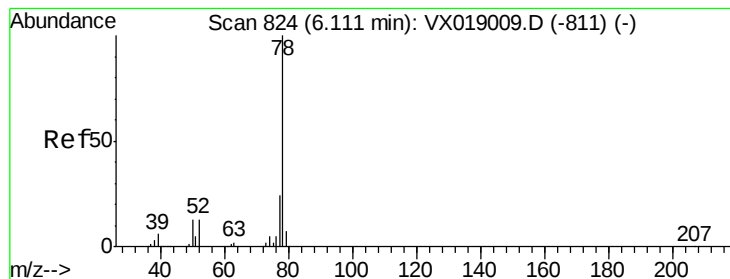


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 220.242 ug/l

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampled :

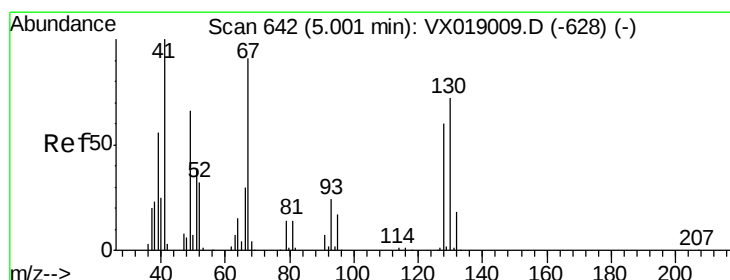
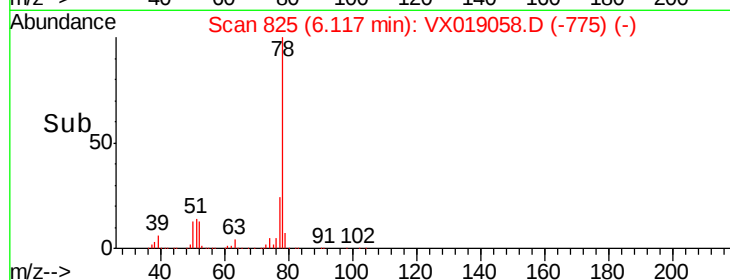
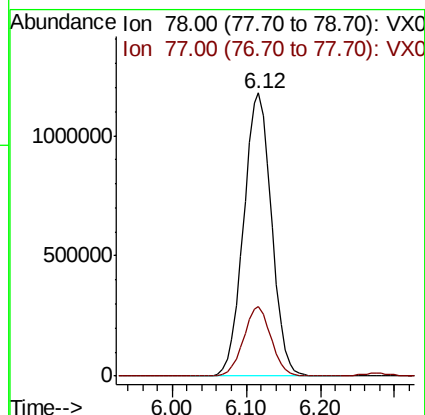
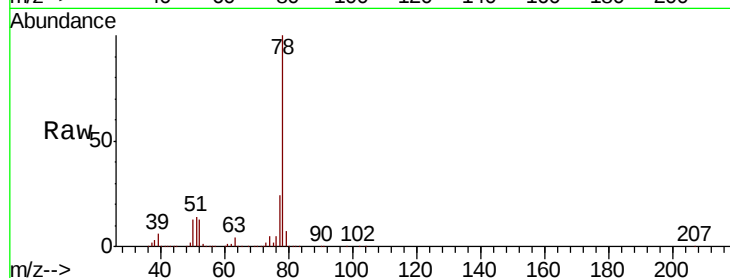
MW-3

Tot Ion: 78 Resp: 3096881

Ion Ratio Lower Upper

78 100

77 24.5 19.3 28.9



#41

Methacrylonitrile

Concen: 5.311 ug/l

RT: 5.03 min Scan# 647

Delta R.T. 0.03 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Tgt Ion: 41 Resp: 11626

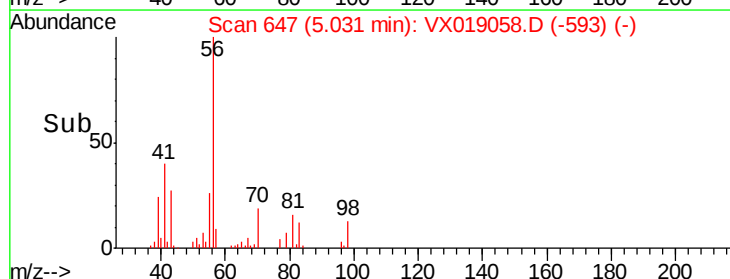
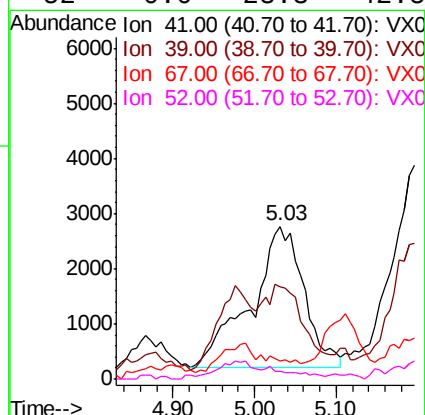
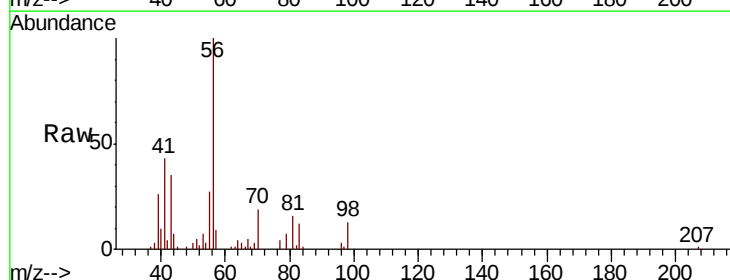
Ion Ratio Lower Upper

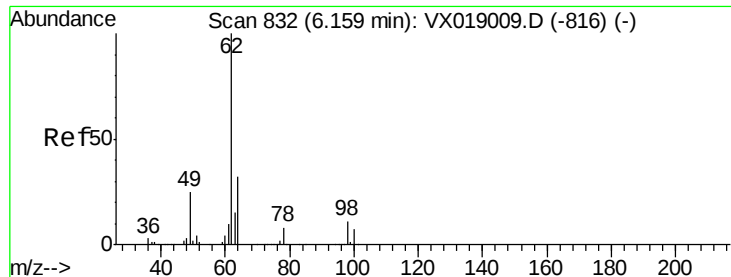
41 100

39 0.0 44.6 67.0#

67 0.0 76.1 114.1#

52 0.0 28.3 42.5#





#42

1,2-Dichloroethane

Concen: 5.039 ug/l

RT: 6.12 min Scan# 825

Delta R.T. -0.04 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampled :

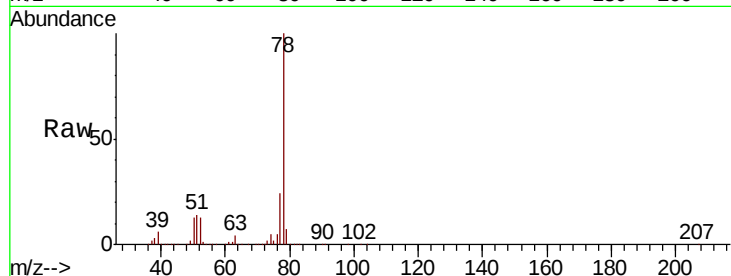
MW-3

Tot Ion: 62 Resp: 24181

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

6.12

10000

8000

6000

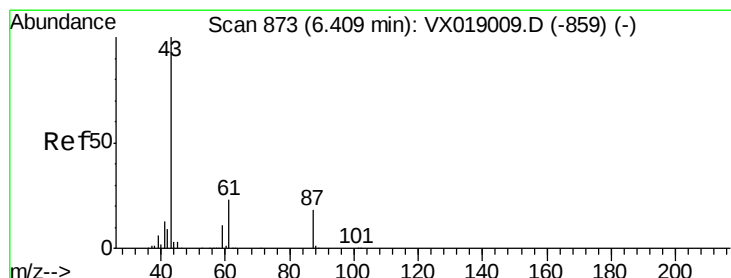
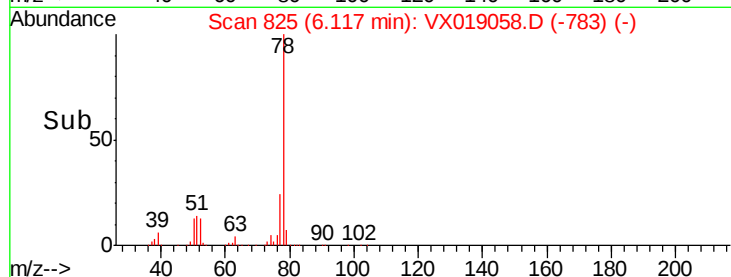
4000

2000

0

Time-->

6.00 6.10 6.20



#43

Isopropyl Acetate

Concen: 2.297 ug/l

RT: 6.43 min Scan# 877

Delta R.T. 0.02 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

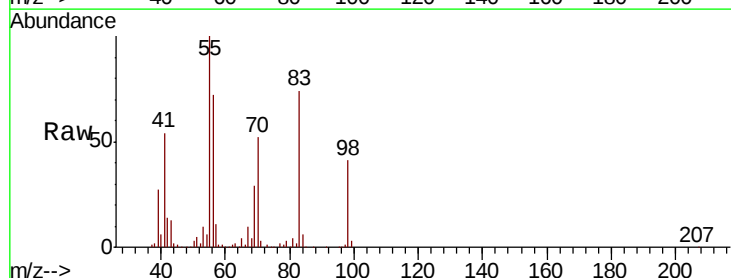
Tgt Ion: 43 Resp: 15853

Ion Ratio Lower Upper

43 100

61 2.2 18.7 28.1#

87 0.0 14.2 21.4#



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

40000

30000

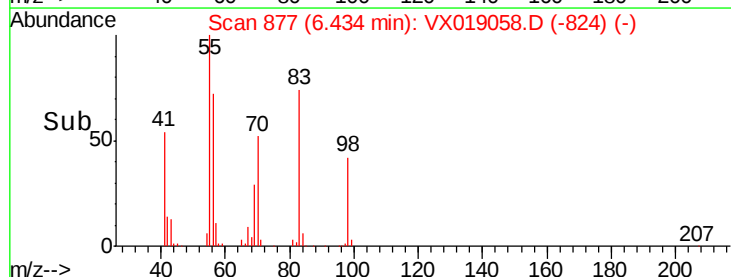
20000

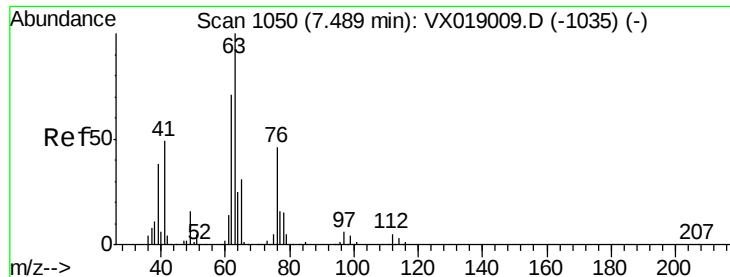
10000

0

Time-->

6.35 6.40 6.45 6.50





#45

1,2-Dichloropropane

Concen: 1.243 ug/l

RT: 7.44 min Scan# 1042

Delta R.T. -0.05 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampled :

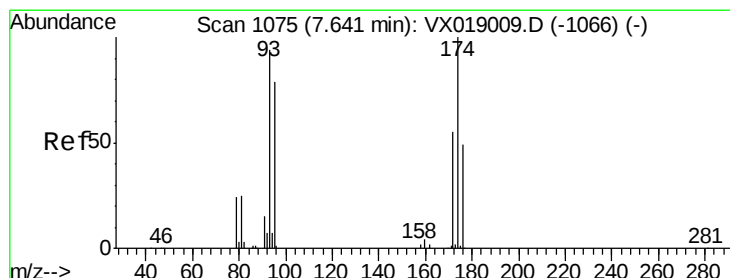
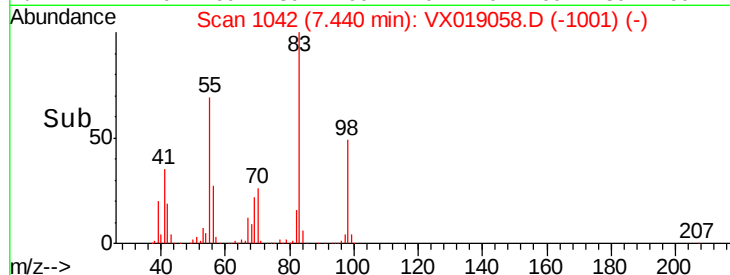
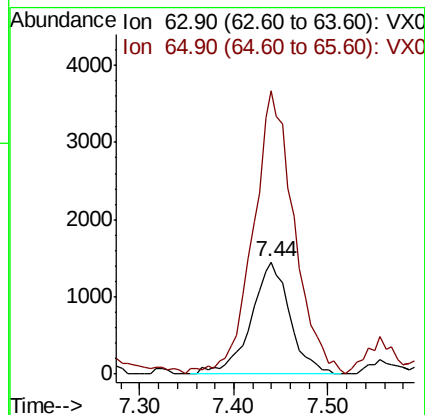
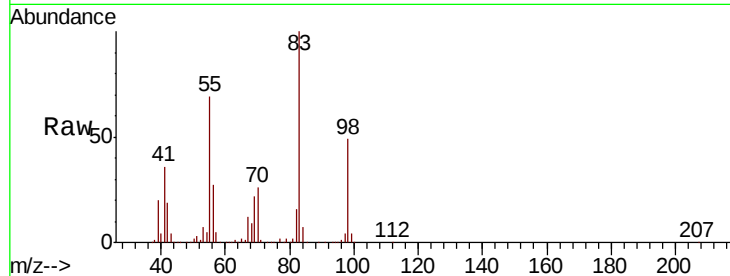
MW-3

Tot Ion: 63 Resp: 4191

Ion Ratio Lower Upper

63 100

65 247.5 24.9 37.3#



#46

Dibromomethane

Concen: 0.372 ug/l

RT: 7.61 min Scan# 1070

Delta R.T. -0.03 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

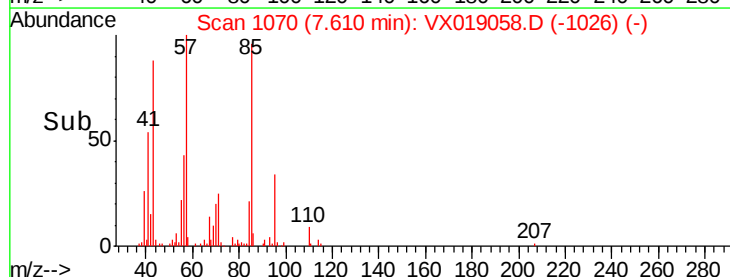
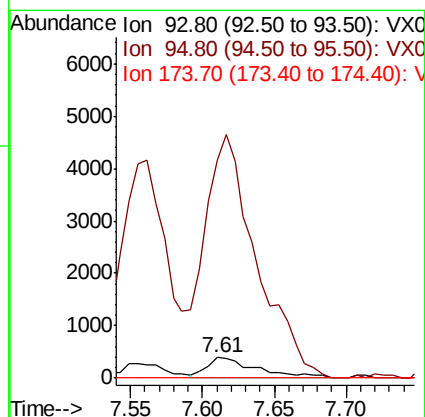
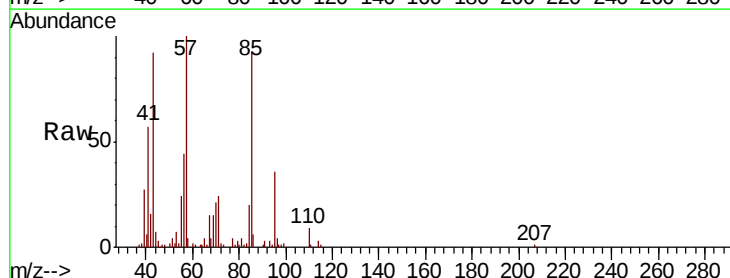
Tgt Ion: 93 Resp: 956

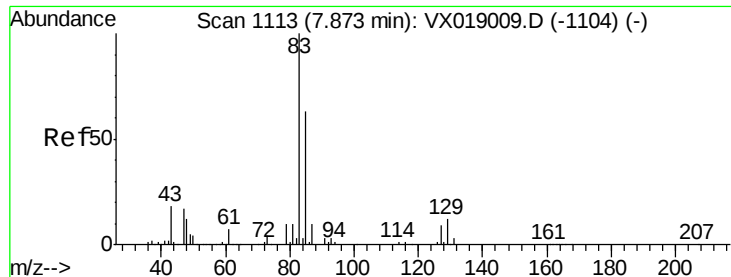
Ion Ratio Lower Upper

93 100

95 1237.1 66.8 100.2#

174 0.0 83.8 125.8#





#47

Bromodichloromethane

Concen: 1.843 ug/l

RT: 7.82 min Scan# 1104

Delta R.T. -0.06 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampleId :

MW-3

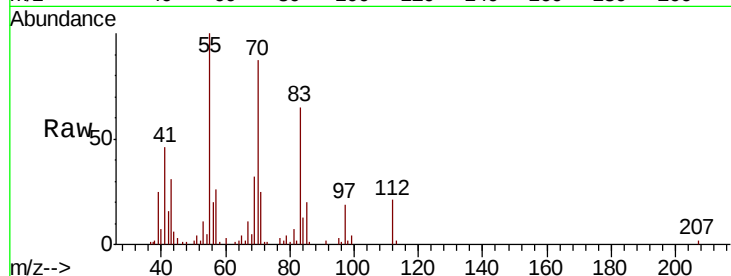
Tot Ion: 83 Resp: 9282

Ion Ratio Lower Upper

83 100

85 30.9 50.7 76.1#

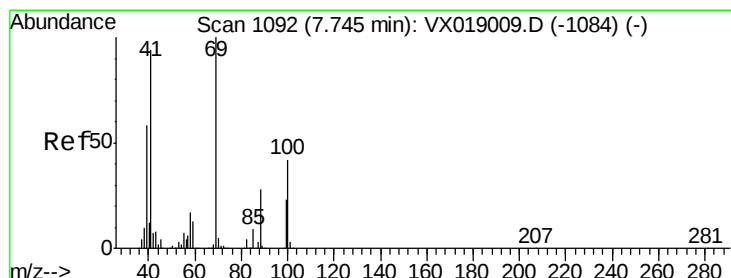
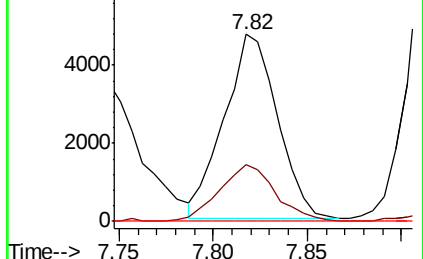
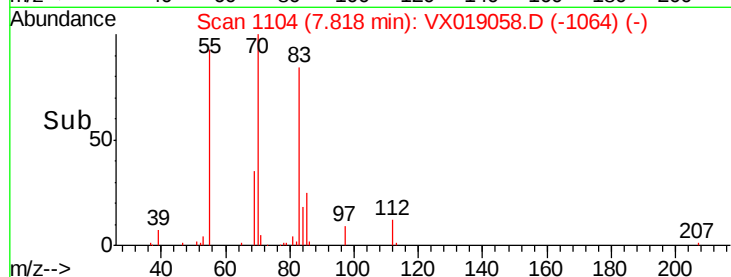
127 0.0 6.8 10.2#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 2.379 ug/l

RT: 7.76 min Scan# 1095

Delta R.T. 0.02 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

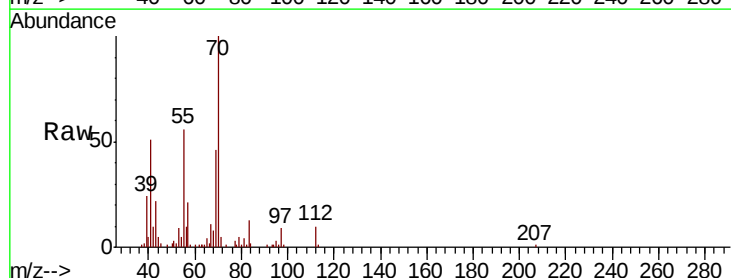
Tgt Ion: 41 Resp: 8089

Ion Ratio Lower Upper

41 100

69 88.2 85.5 128.3

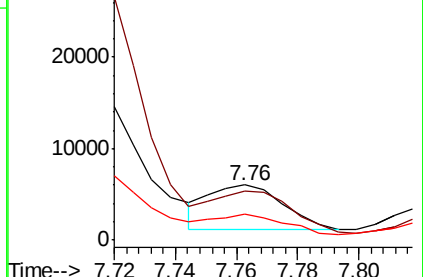
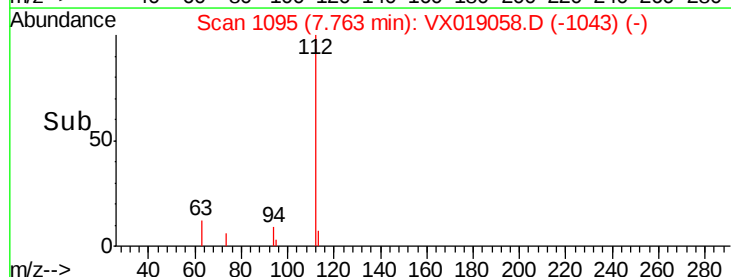
39 38.0 49.3 73.9#

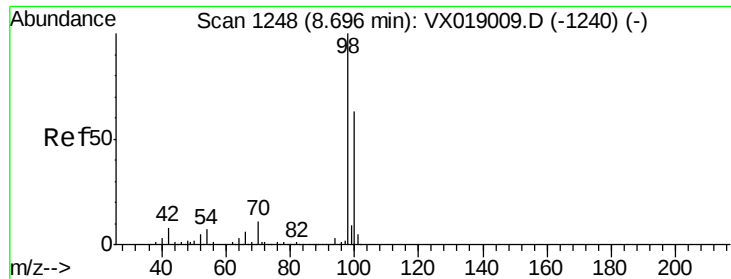


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

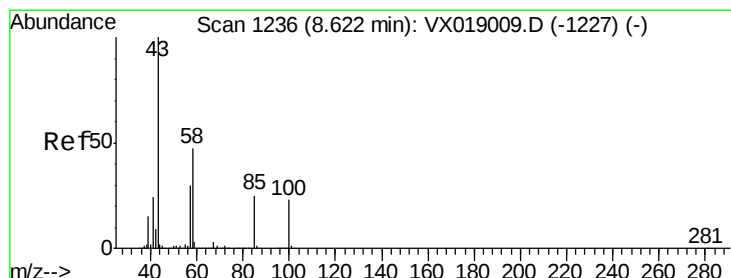
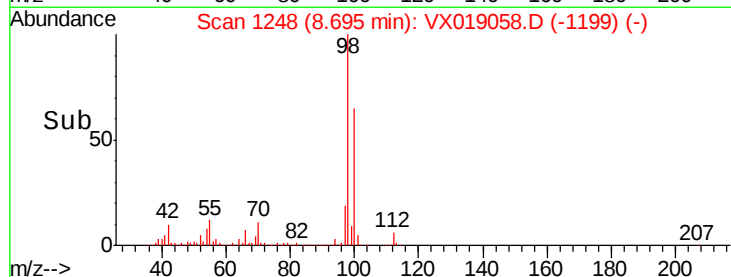
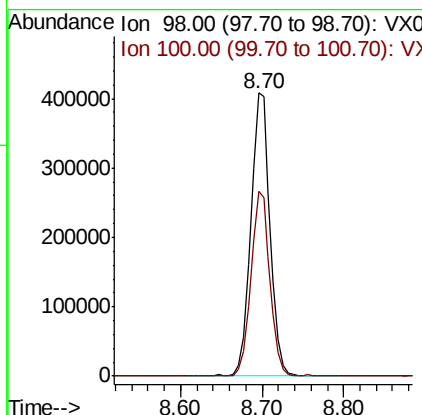
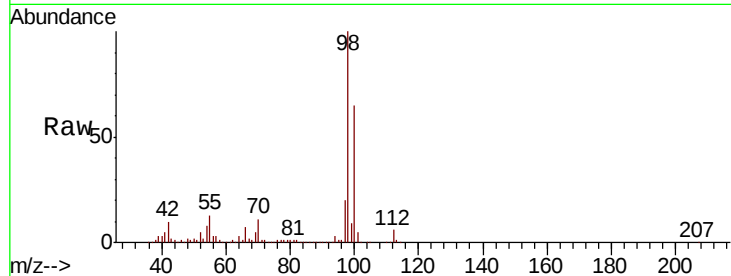




#50
Toluene-d8
Concen: 52.330 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019058.D
Acq: 23 Oct 2020 03:56

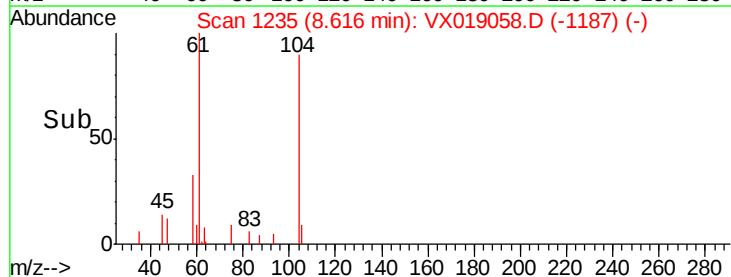
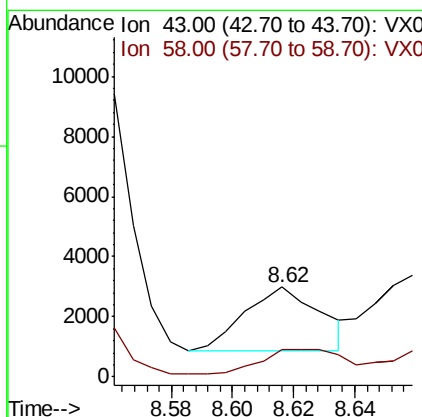
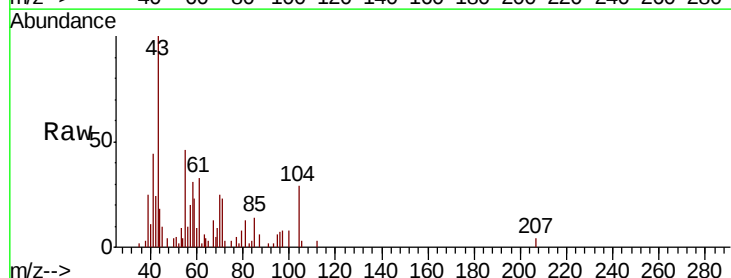
Instrument :
MSVOA_X
ClientSampled :
MW-3

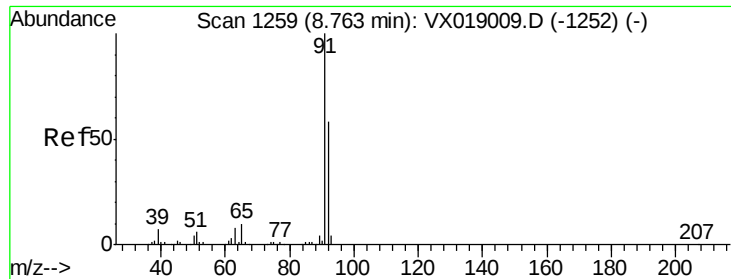
Tot Ion: 98 Resp: 672728
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.899 ug/l
RT: 8.62 min Scan# 1235
Delta R.T. -0.01 min
Lab File: VX019058.D
Acq: 23 Oct 2020 03:56

Tgt Ion: 43 Resp: 3656
Ion Ratio Lower Upper
43 100
58 41.3 37.4 56.0





#52

Toluene

Concen: 1192.583 ug/l

RT: 8.77 min Scan# 1261

Delta R.T. 0.01 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampleId :

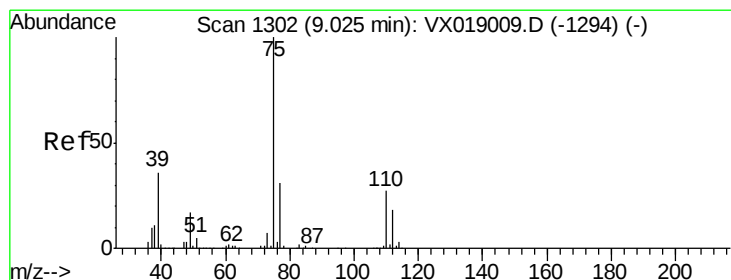
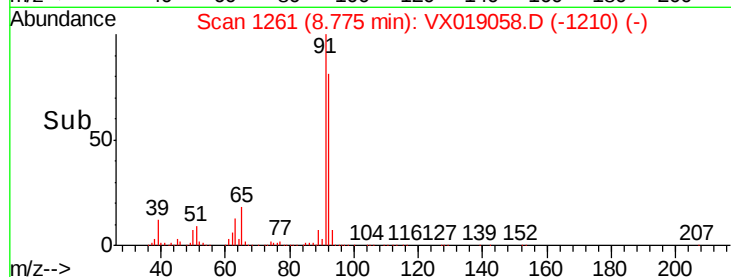
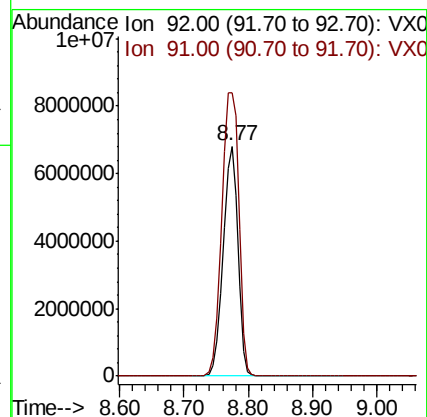
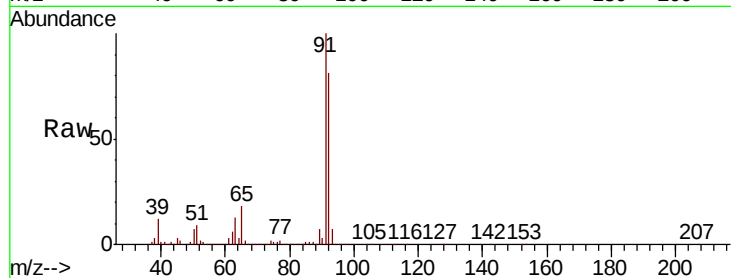
MW-3

Tot Ion: 92 Resp: 11075895

Ion Ratio Lower Upper

92 100

91 143.6 138.6 208.0



#53

t-1,3-Dichloropropene

Concen: 24.879 ug/l

RT: 8.77 min Scan# 1261

Delta R.T. -0.25 min

Lab File: VX019058.D

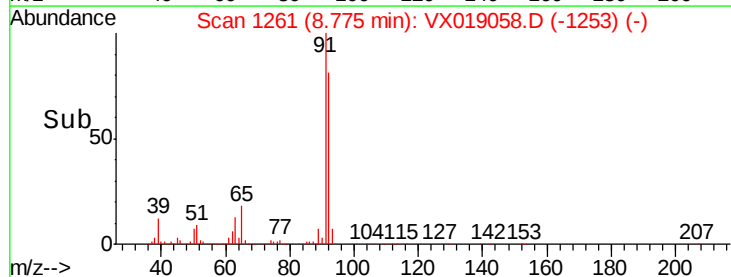
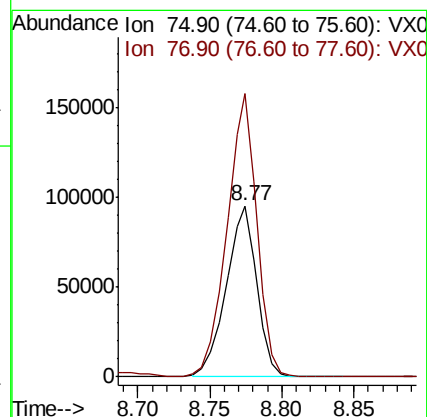
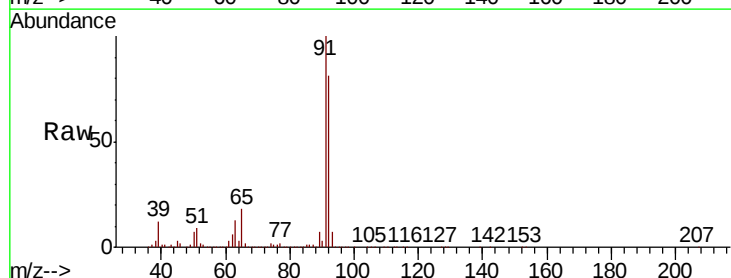
Acq: 23 Oct 2020 03:56

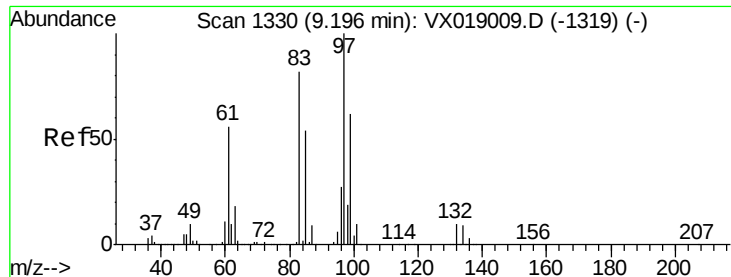
Tgt Ion: 75 Resp: 141513

Ion Ratio Lower Upper

75 100

77 165.7 25.1 37.7#

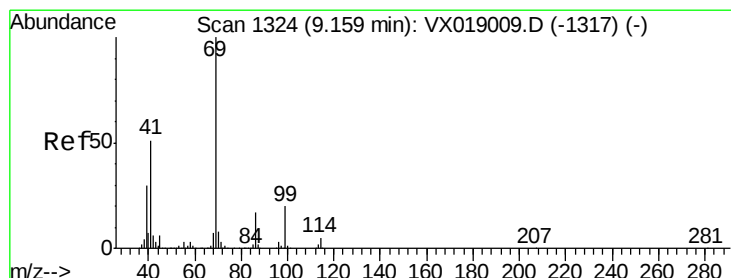
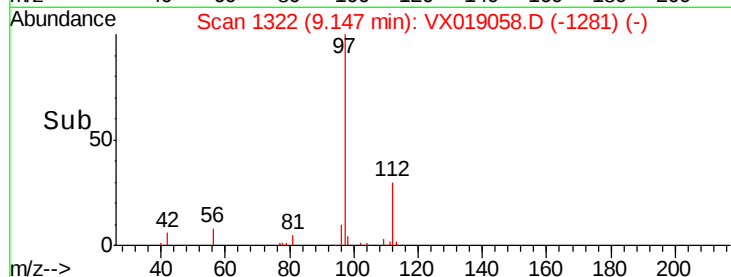
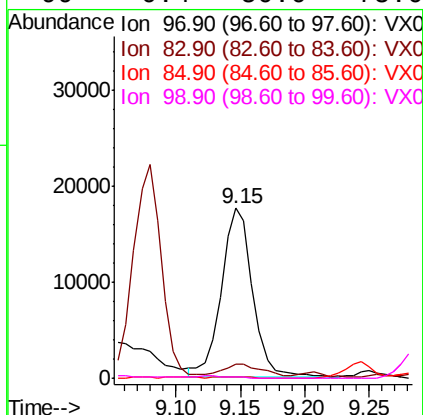
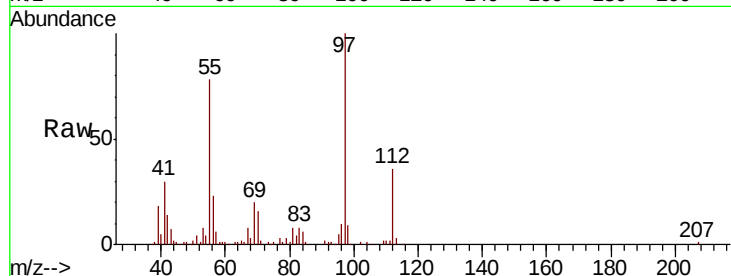




#55
 1,1,2-Trichloroethane
 Concen: 7.957 ug/l
 RT: 9.15 min Scan# 1322
 Delta R.T. -0.05 min
 Lab File: VX019058.D
 Acq: 23 Oct 2020 03:56

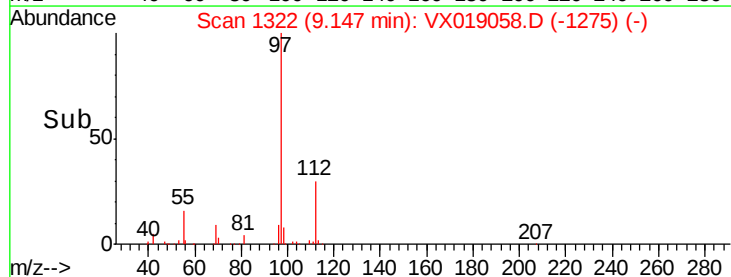
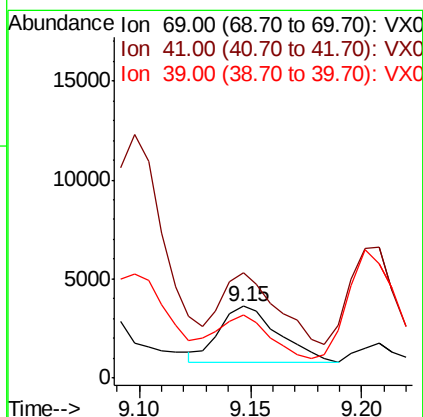
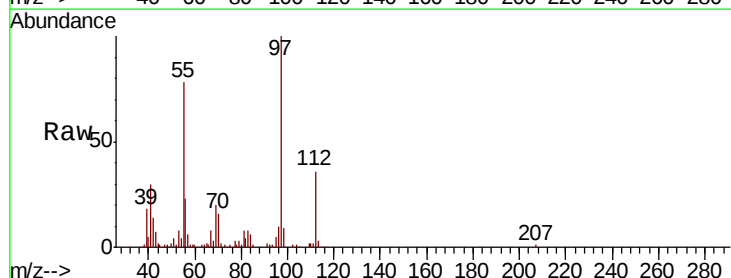
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

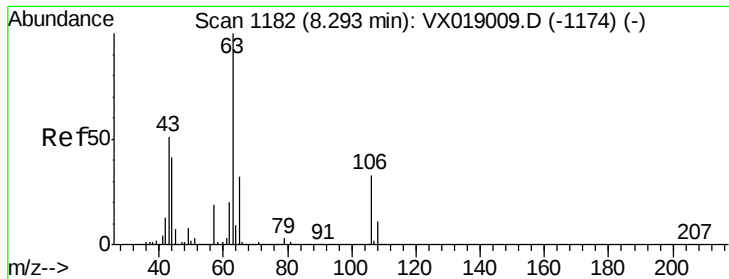
Tot Ion	Ratio	Lower	Upper
97	100		
83	6.9	65.4	98.2#
85	0.0	43.3	64.9#
99	0.4	50.0	75.0#



#56
 Ethyl methacrylate
 Concen: 0.946 ug/l
 RT: 9.15 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: VX019058.D
 Acq: 23 Oct 2020 03:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	118.1	41.1	61.7#
39	65.3	24.6	37.0#

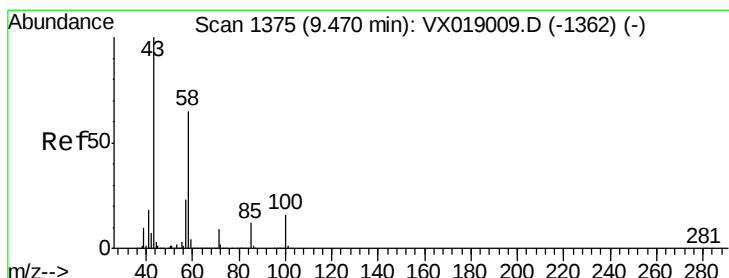
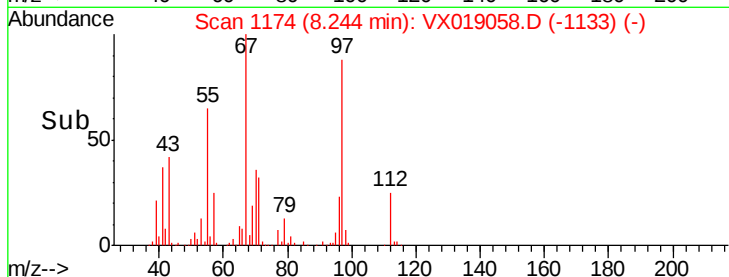
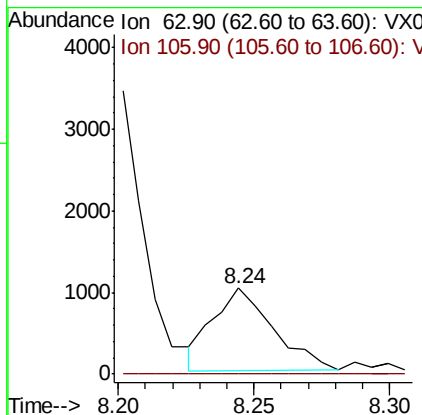
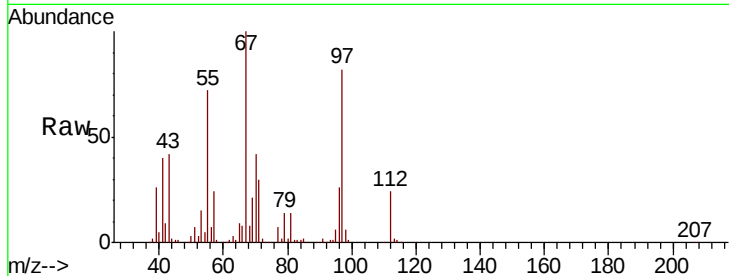




#58
 2-Chloroethyl Vinyl ether
 Concen: 0.541 ug/l
 RT: 8.24 min Scan# 1174
 Delta R.T. -0.05 min
 Lab File: VX019058.D
 Acq: 23 Oct 2020 03:56

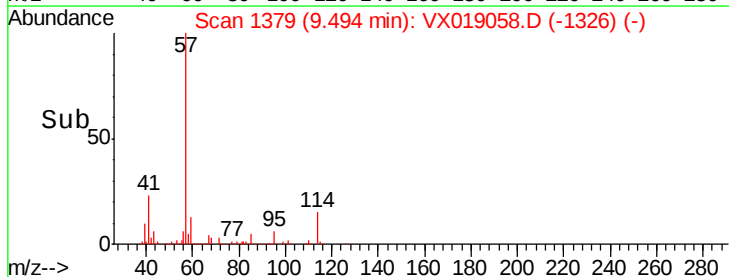
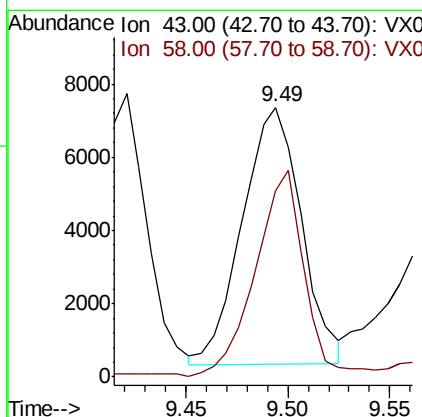
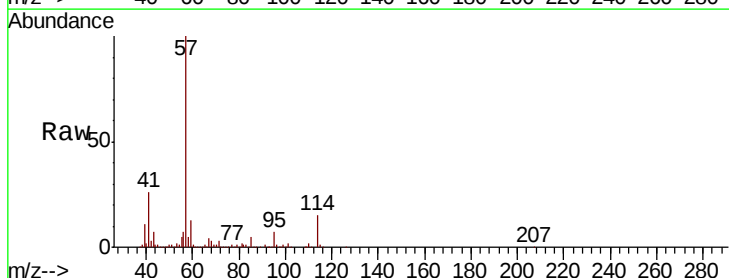
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-3

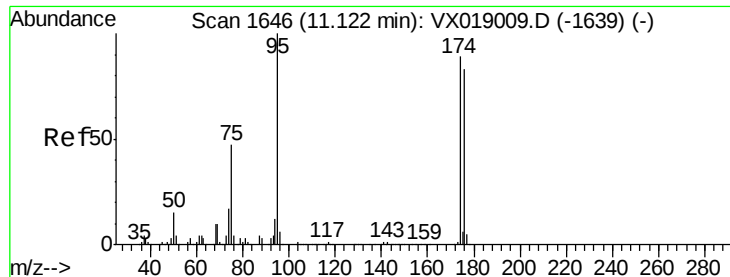
Tot Ion: 63 Resp: 1547
 Ion Ratio Lower Upper
 63 100
 106 0.0 26.0 39.0#



#59
 2-Hexanone
 Concen: 4.669 ug/l
 RT: 9.49 min Scan# 1379
 Delta R.T. 0.02 min
 Lab File: VX019058.D
 Acq: 23 Oct 2020 03:56

Tgt Ion: 43 Resp: 14151
 Ion Ratio Lower Upper
 43 100
 58 66.6 32.8 98.4





#62

4-Bromofluorobenzene

Concen: 56.770 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampleId :

MW-3

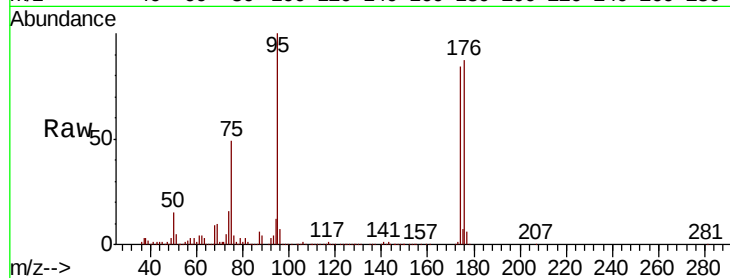
Tot Ion: 95 Resp: 259595

Ion Ratio Lower Upper

95 100

174 86.7 0.0 167.6

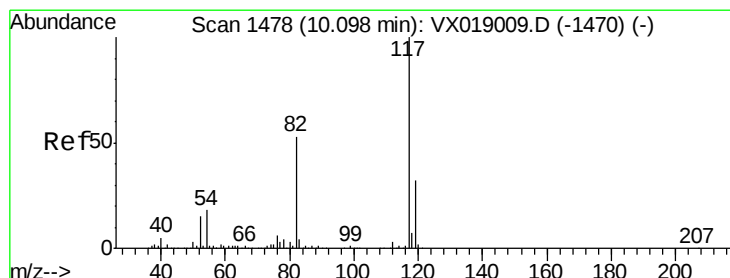
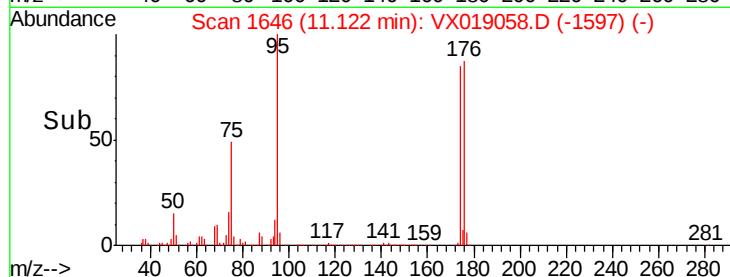
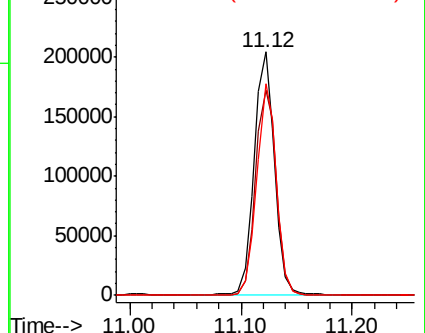
176 83.7 0.0 165.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

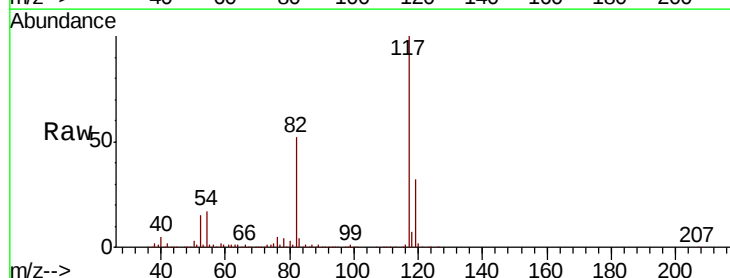
Tgt Ion: 117 Resp: 517330

Ion Ratio Lower Upper

117 100

82 51.9 42.4 63.6

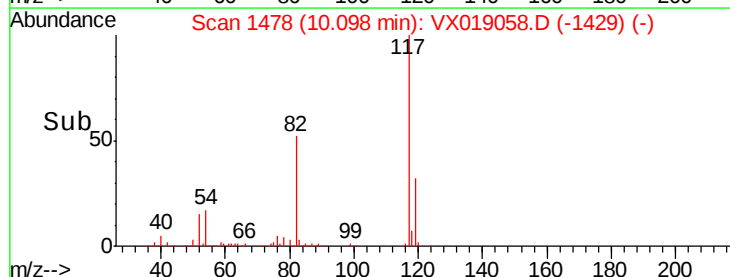
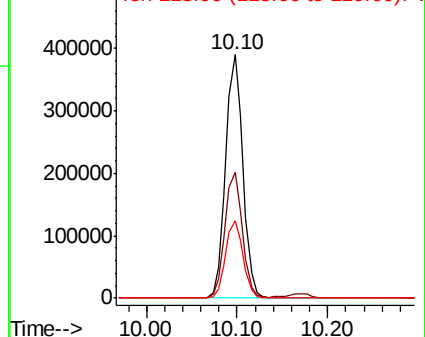
119 31.6 25.6 38.4

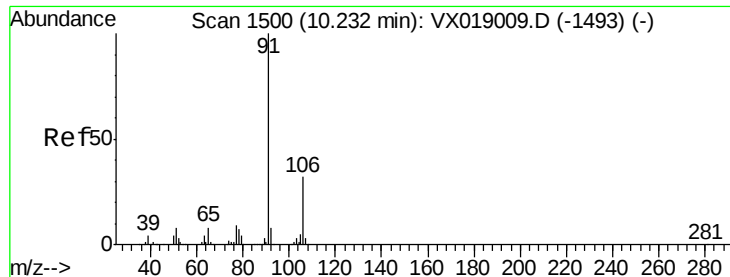


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0

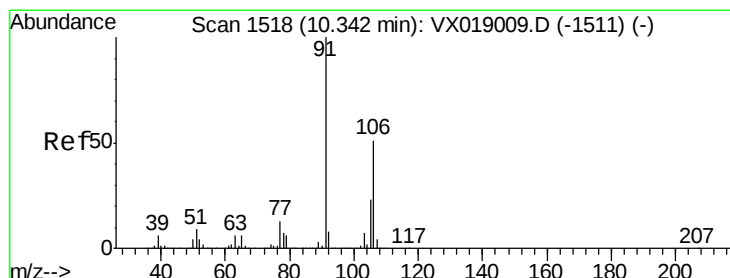
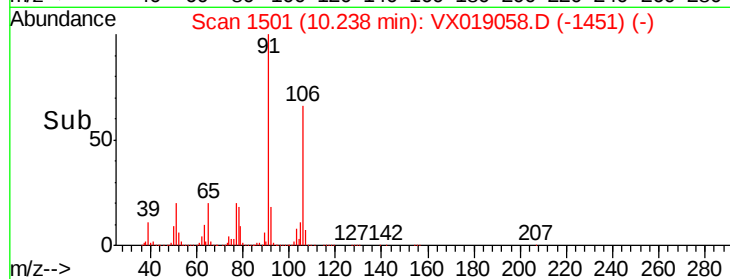
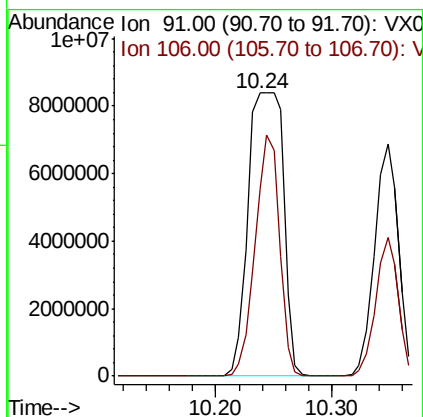
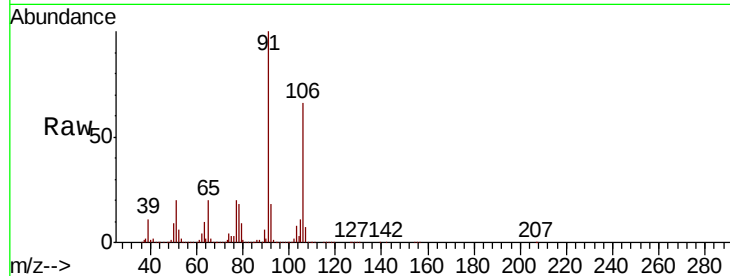




#67
Ethyl Benzene
Concen: 956.737 ug/l
RT: 10.24 min Scan# 1501
Delta R.T. 0.01 min
Lab File: VX019058.D
Acq: 23 Oct 2020 03:56

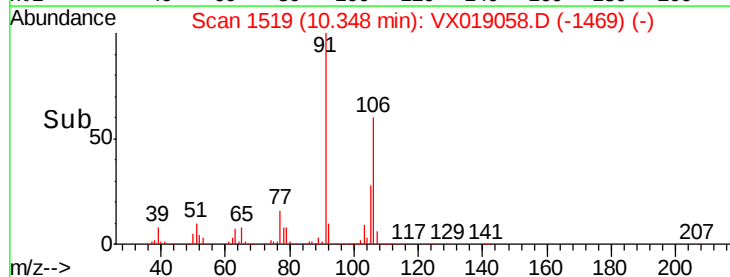
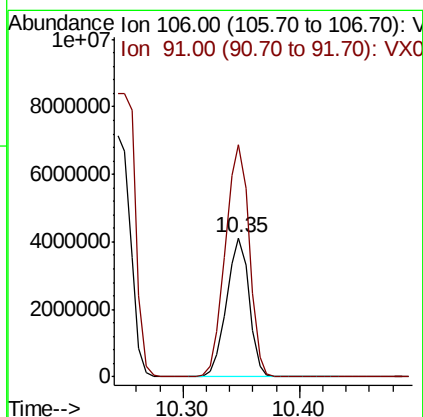
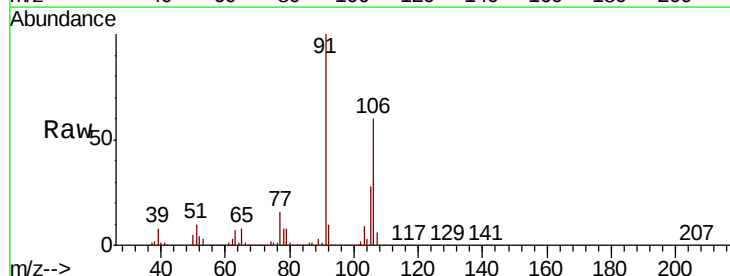
Instrument :
MSVOA_X
ClientSampled :
MW-3

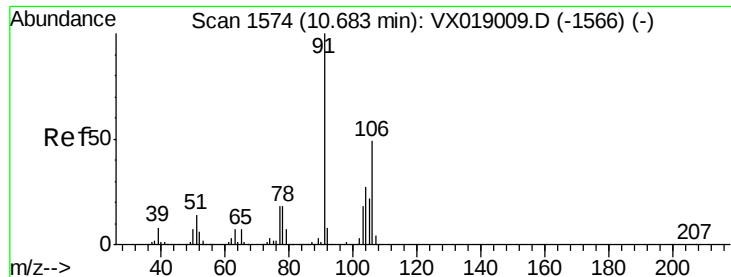
Tot Ion: 91 Resp:17895870
Ion Ratio Lower Upper
91 100
106 66.1 25.3 37.9#



#68
m/p-Xylenes
Concen: 774.850 ug/l
RT: 10.35 min Scan# 1519
Delta R.T. 0.01 min
Lab File: VX019058.D
Acq: 23 Oct 2020 03:56

Tgt Ion:106 Resp: 5552005
Ion Ratio Lower Upper
106 100
91 177.4 156.9 235.3

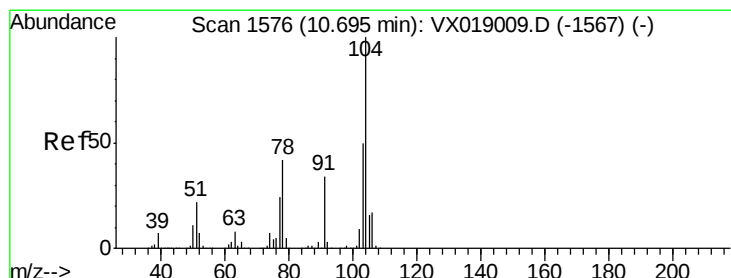
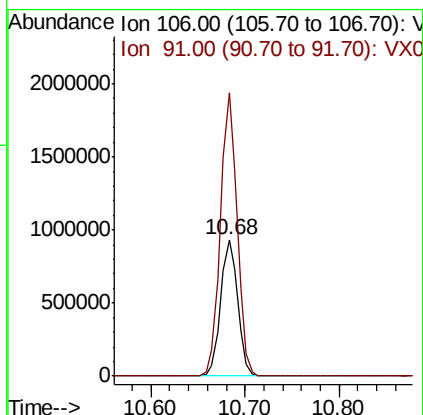
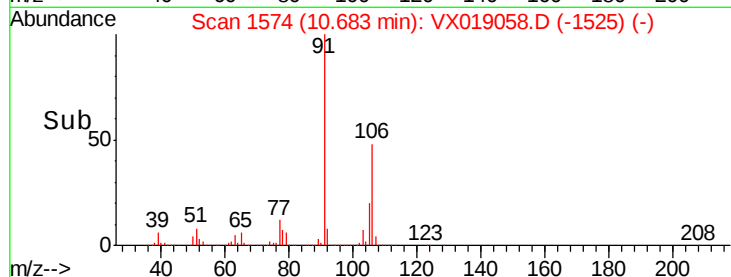
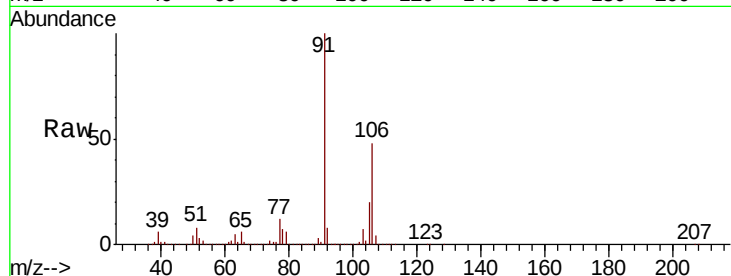




#69
o-Xylene
Concen: 170.717 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX019058.D
Acq: 23 Oct 2020 03:56

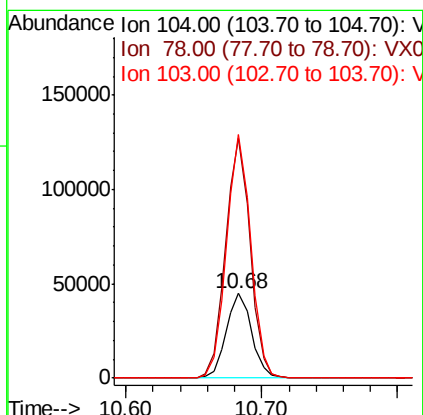
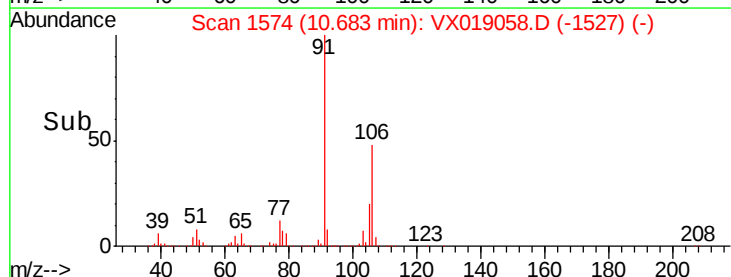
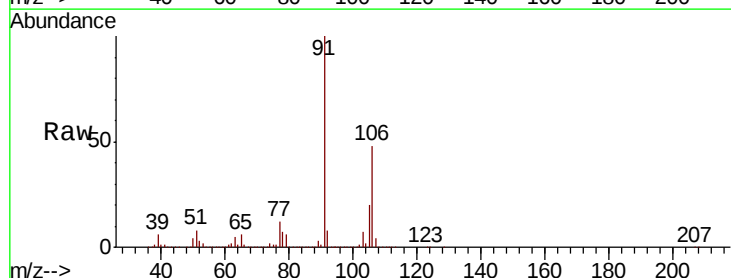
Instrument :
MSVOA_X
ClientSampled :
MW-3

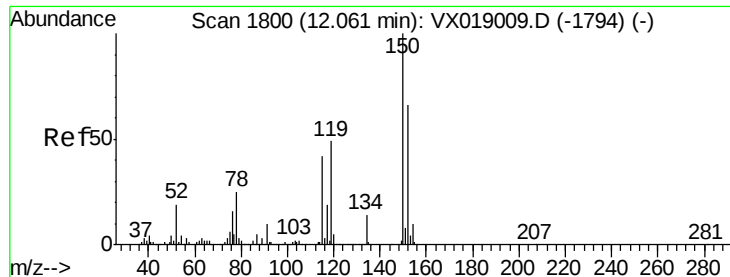
Tot Ion:106 Resp: 1170722
Ion Ratio Lower Upper
106 100
91 203.3 104.0 312.0



#70
Styrene
Concen: 5.011 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.01 min
Lab File: VX019058.D
Acq: 23 Oct 2020 03:56

Tgt Ion:104 Resp: 58341
Ion Ratio Lower Upper
104 100
78 273.3 37.7 56.5#
103 273.7 43.5 65.3#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampled :

MW-3

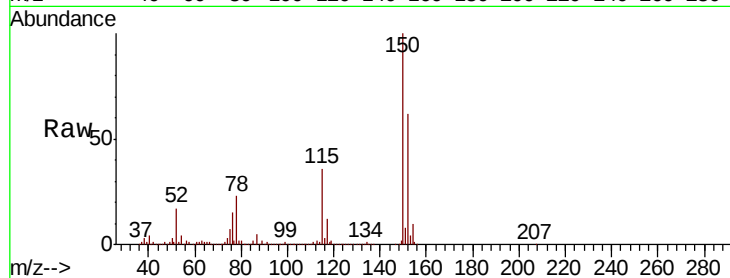
Tot Ion:152 Resp: 289756

Ion Ratio Lower Upper

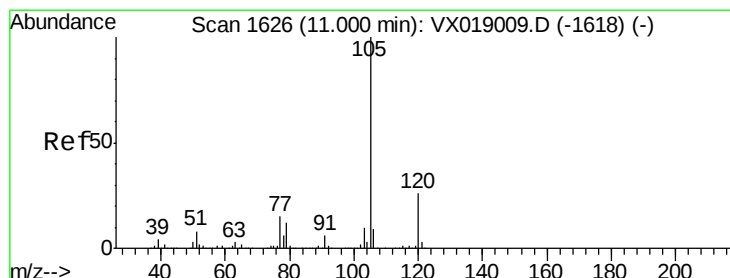
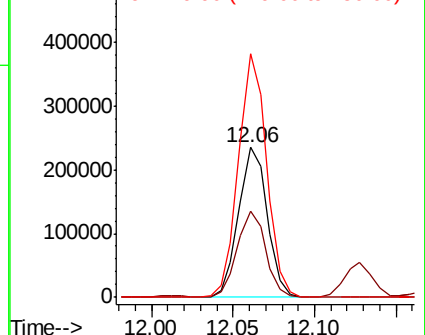
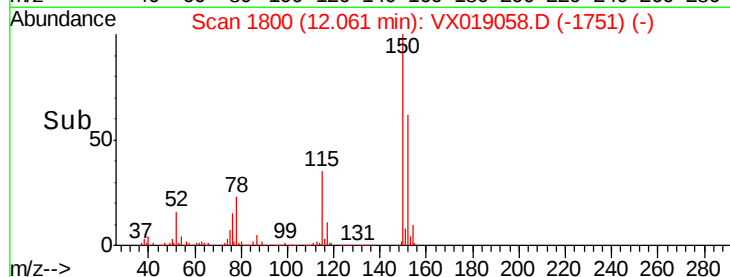
152 100

115 56.5 40.8 122.5

150 158.2 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene

Concen: 347.302 ug/l

RT: 11.01 min Scan# 1627

Delta R.T. 0.01 min

Lab File: VX019058.D

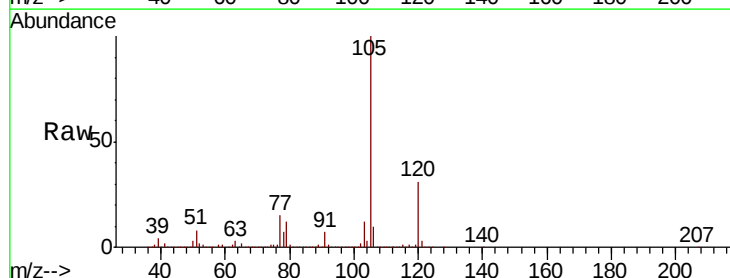
Acq: 23 Oct 2020 03:56

Tgt Ion:105 Resp: 7239305

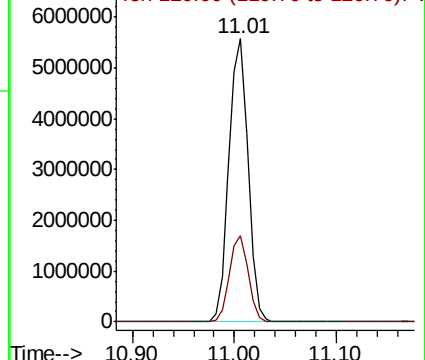
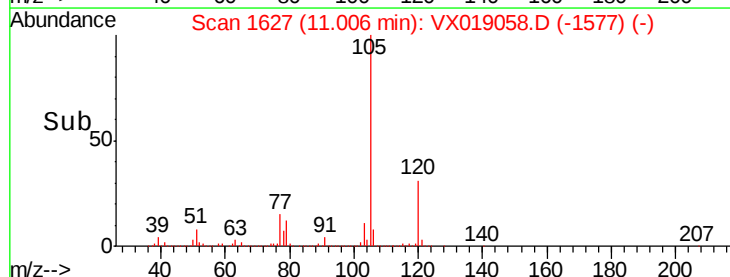
Ion Ratio Lower Upper

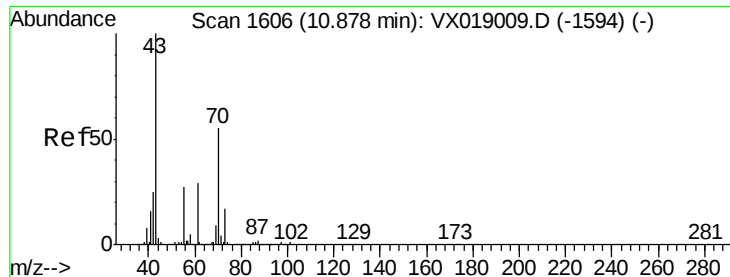
105 100

120 29.7 13.4 40.1



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





#74

N-amvl acetate

Concen: 0.893 ug/l

RT: 10.85 min Scan# 1601

Delta R.T. -0.03 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampleId :

MW-3

Tot Ion: 43 Resp: 5967

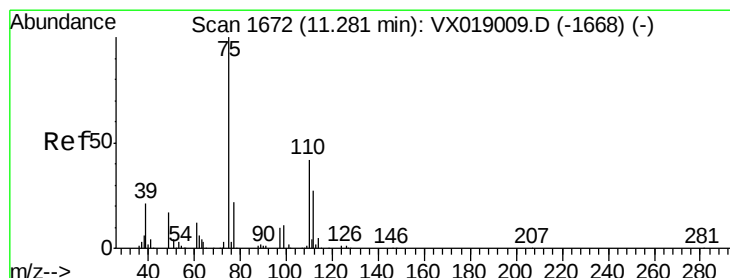
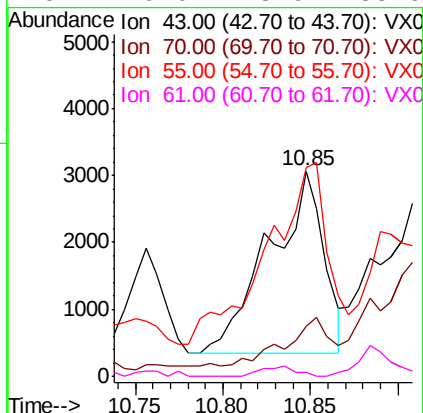
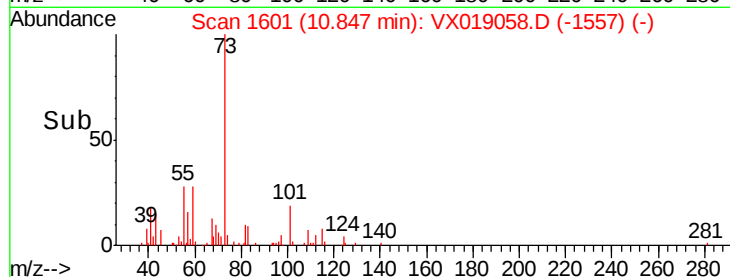
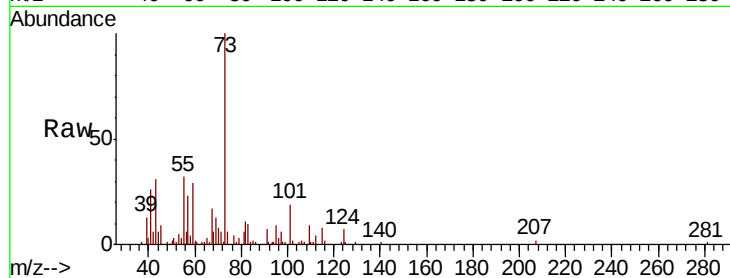
Ion Ratio Lower Upper

43 100

70 21.7 44.5 66.7#

55 110.8 21.9 32.9#

61 0.0 23.9 35.9#



#76

1,2,3-Trichloropropane

Concen: 9.179 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.07 min

Lab File: VX019058.D

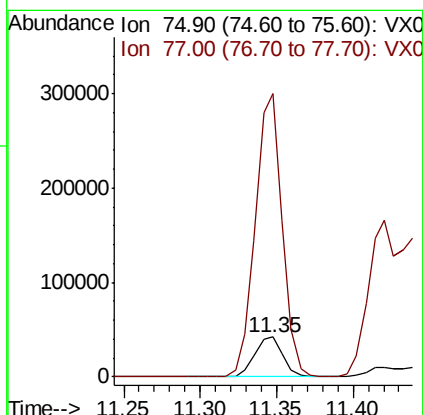
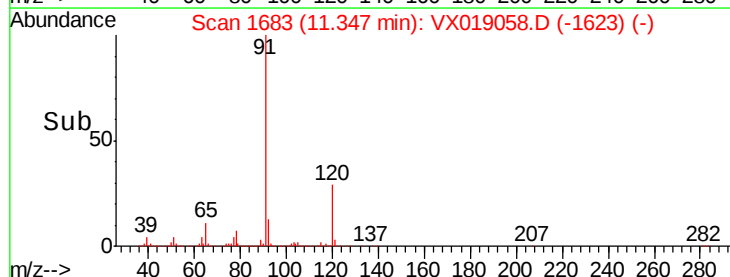
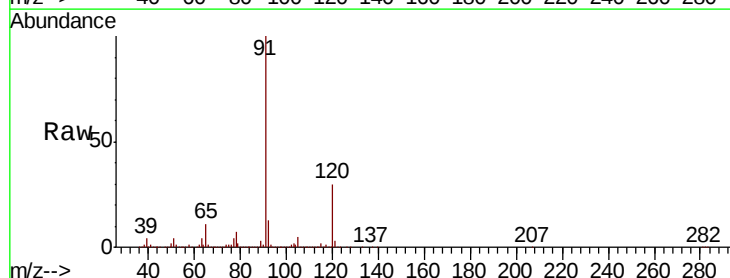
Acq: 23 Oct 2020 03:56

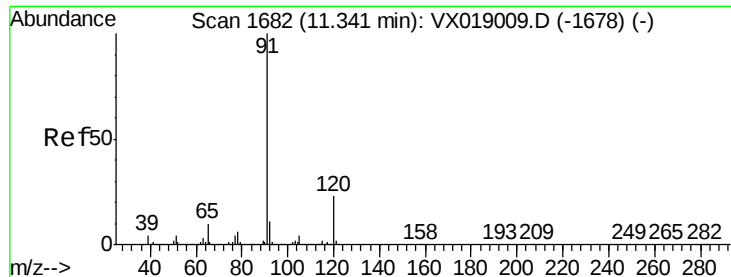
Tgt Ion: 75 Resp: 53157

Ion Ratio Lower Upper

75 100

77 691.8 20.7 62.1#





#78

n-propylbenzene

Concen: 366.862 ug/l

RT: 11.35 min Scan# 1683

Delta R.T. 0.01 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampled :

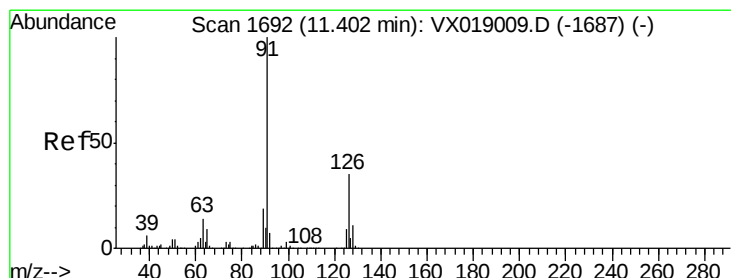
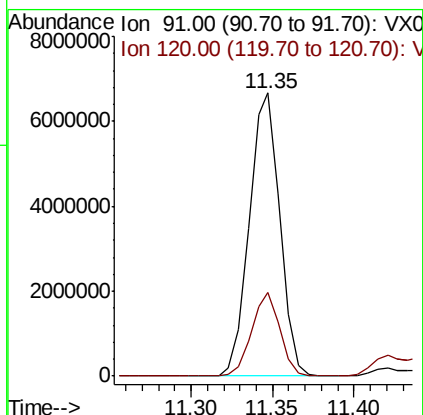
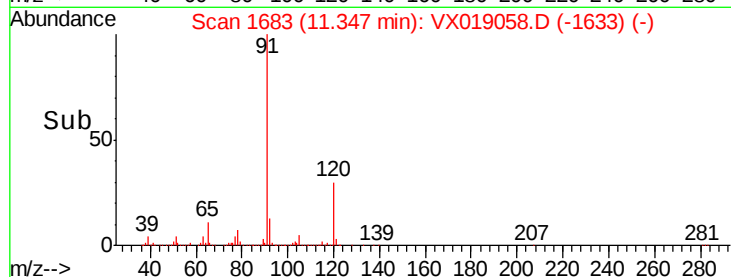
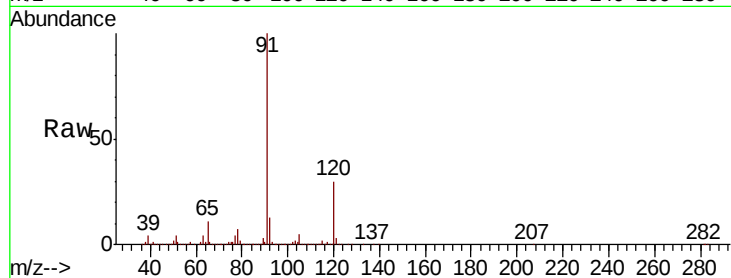
MW-3

Tot Ion: 91 Resp: 8665054

Ion Ratio Lower Upper

91 100

120 27.4 12.1 36.3



#79

2-Chlorotoluene

Concen: 27.417 ug/l

RT: 11.42 min Scan# 1695

Delta R.T. 0.02 min

Lab File: VX019058.D

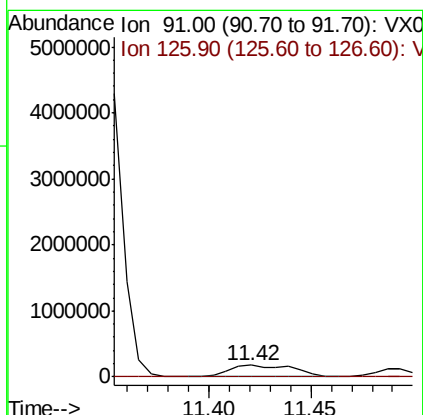
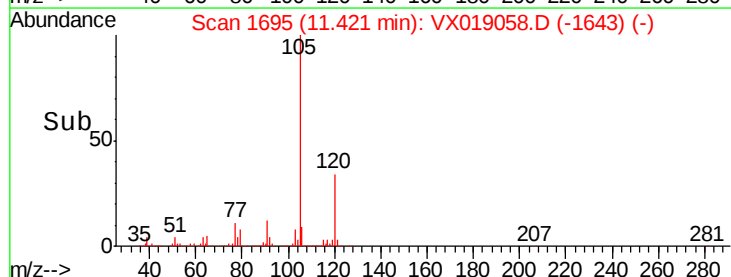
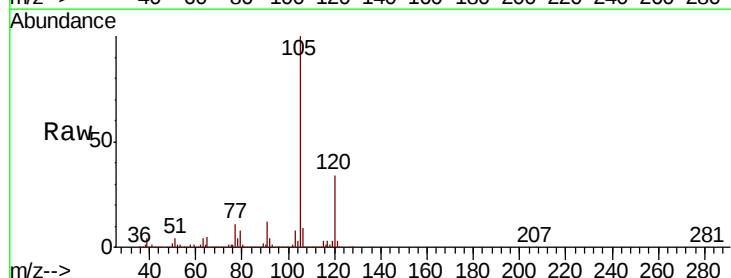
Acq: 23 Oct 2020 03:56

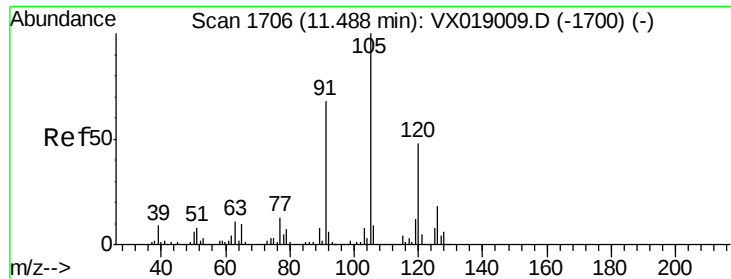
Tgt Ion: 91 Resp: 377777

Ion Ratio Lower Upper

91 100

126 0.3 17.5 52.5#

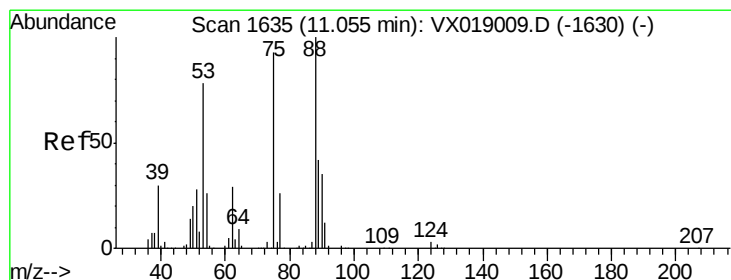
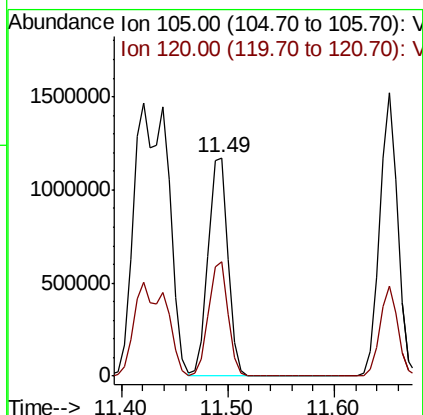
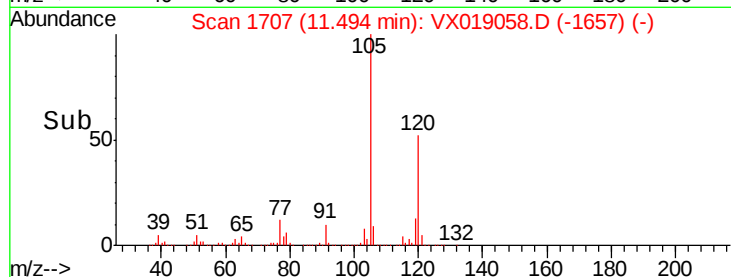
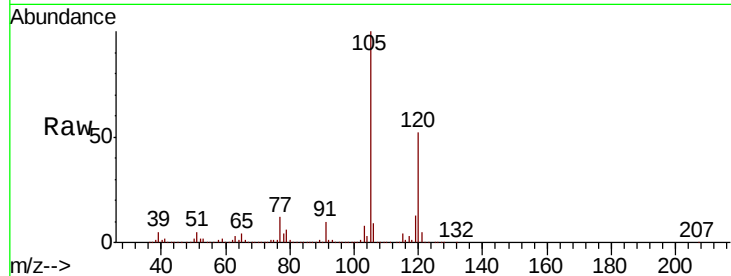




#80
 1,3,5-Trimethylbenzene
 Concen: 85.716 ug/l
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX019058.D
 Acq: 23 Oct 2020 03:56

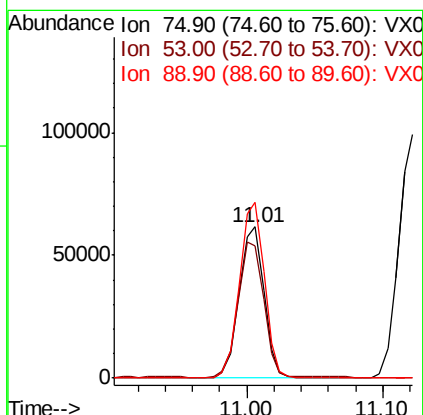
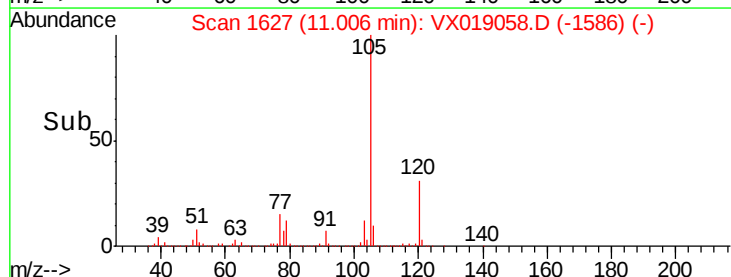
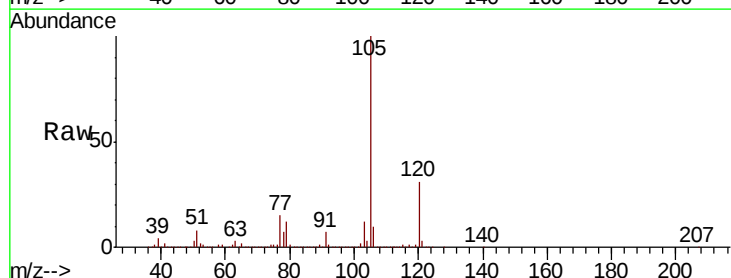
Instrument :
 MSVOA_X
 ClientSampled :
 MW-3

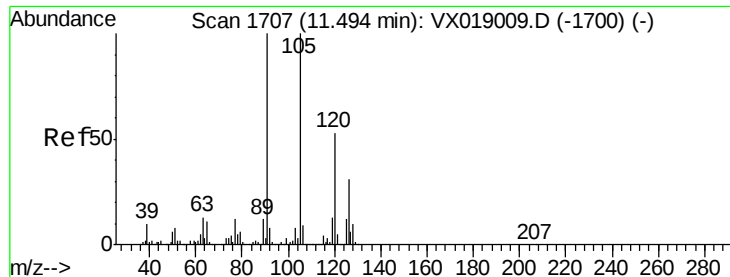
Tot Ion:105 Resp: 1475428
 Ion Ratio Lower Upper
 105 100
 120 51.3 25.2 75.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 34.750 ug/l
 RT: 11.01 min Scan# 1627
 Delta R.T. -0.05 min
 Lab File: VX019058.D
 Acq: 23 Oct 2020 03:56

Tgt Ion: 75 Resp: 78991
 Ion Ratio Lower Upper
 75 100
 53 91.8 67.4 101.2
 89 115.6 37.2 55.8#

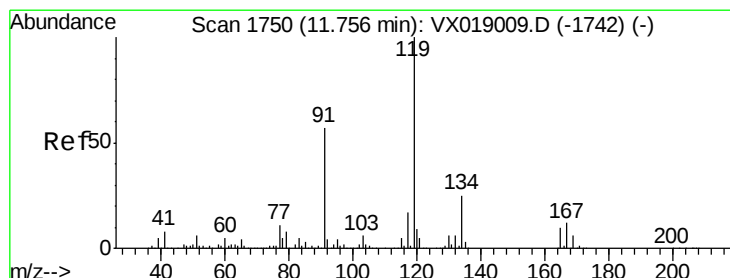
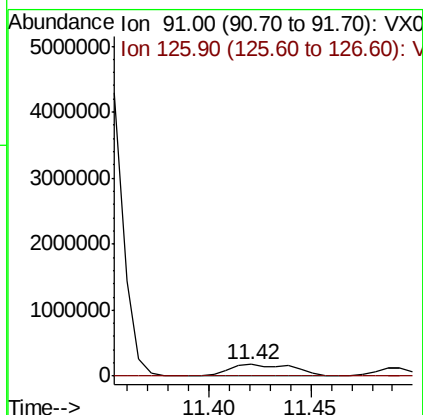
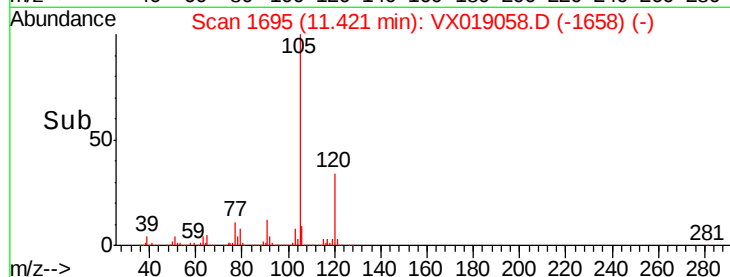
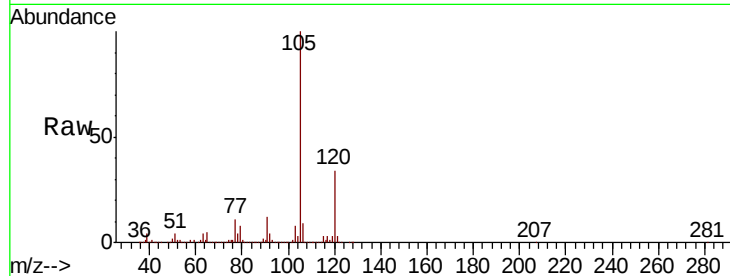




#82
4-Chlorotoluene
Concen: 23.042 ug/l
RT: 11.42 min Scan# 1695
Delta R.T. -0.07 min
Lab File: VX019058.D
Acq: 23 Oct 2020 03:56

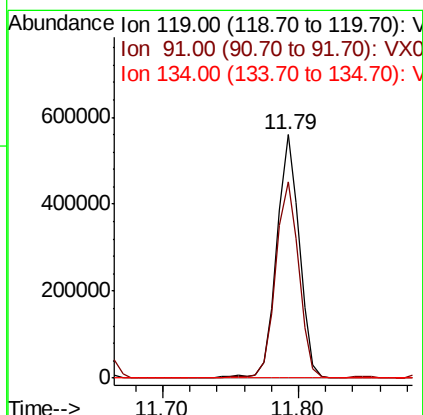
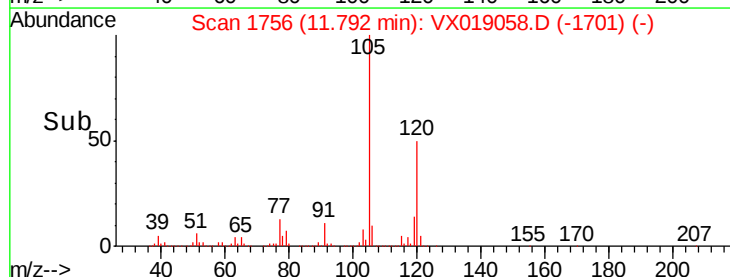
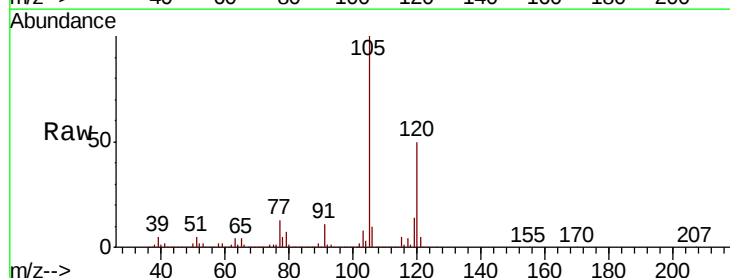
Instrument :
MSVOA_X
ClientSampleId :
MW-3

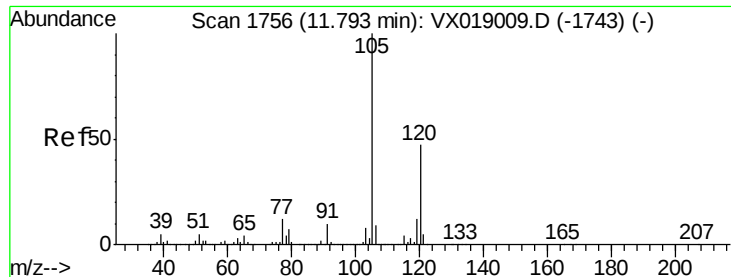
Tot Ion: 91 Resp: 377777
Ion Ratio Lower Upper
91 100
126 0.3 15.6 46.7#



#83
tert-Butylbenzene
Concen: 38.326 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.04 min
Lab File: VX019058.D
Acq: 23 Oct 2020 03:56

Tgt Ion: 119 Resp: 649887
Ion Ratio Lower Upper
119 100
91 82.6 28.1 84.4
134 0.0 11.8 35.3#





#84

1,2,4-Trimethylbenzene

Concen: 289.775 ug/l

RT: 11.79 min Scan# 1756

Delta R.T. -0.00 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampled :

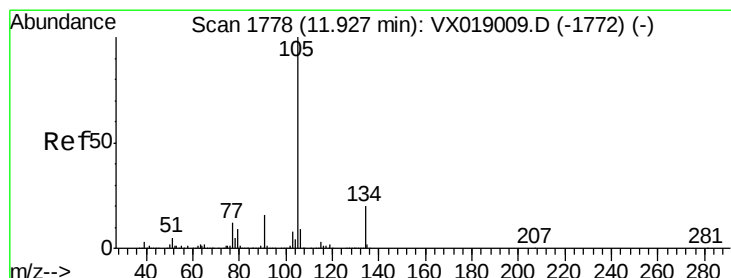
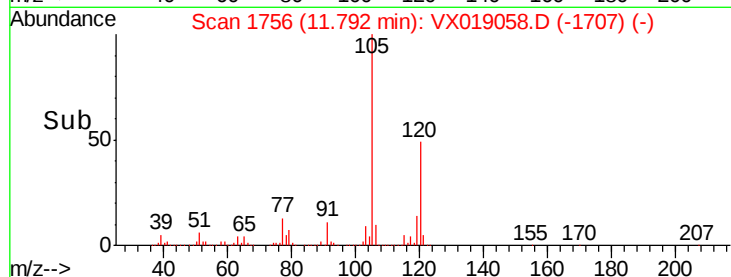
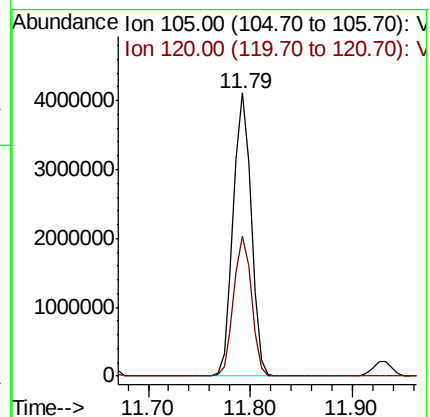
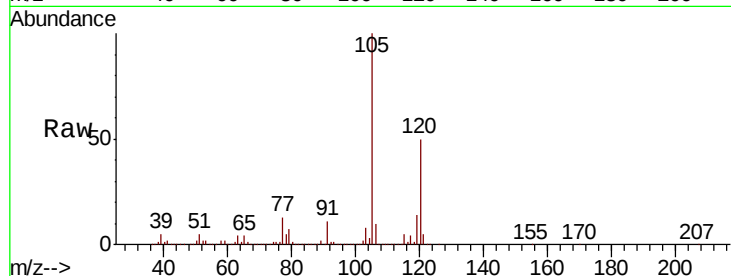
MW-3

Tot Ion:105 Resp: 4994601

Ion Ratio Lower Upper

105 100

120 49.1 22.9 68.8



#85

sec-Butylbenzene

Concen: 13.254 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VX019058.D

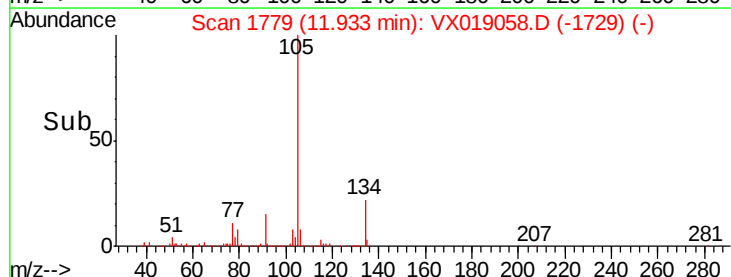
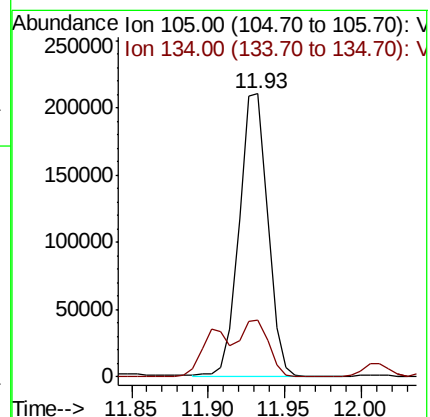
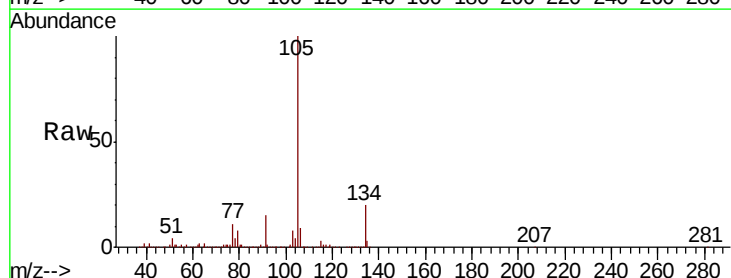
Acq: 23 Oct 2020 03:56

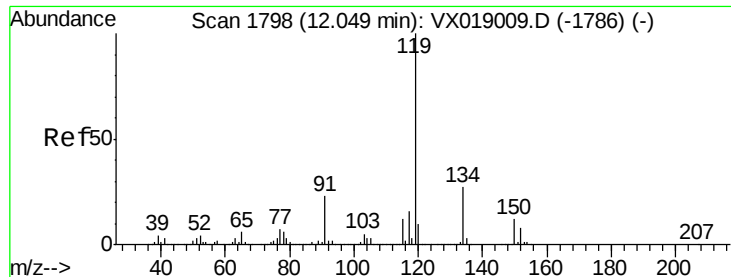
Tgt Ion:105 Resp: 271965

Ion Ratio Lower Upper

105 100

134 19.9 10.4 31.1

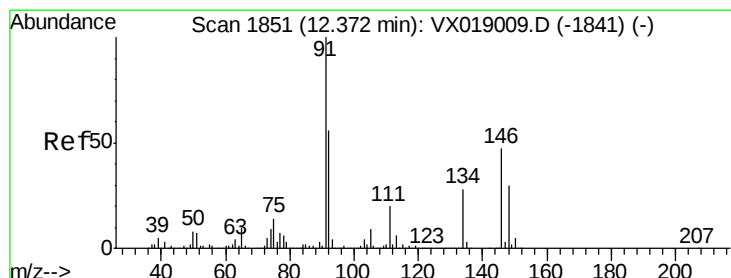
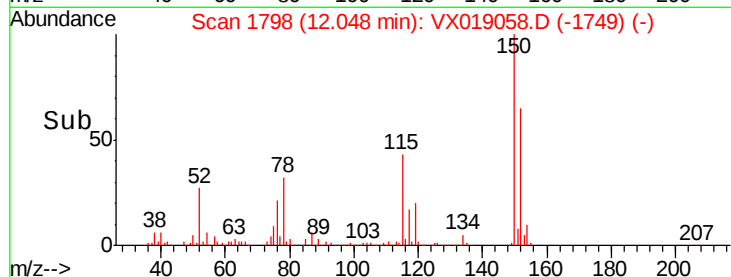
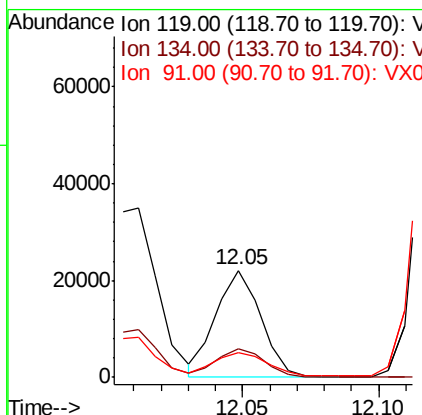
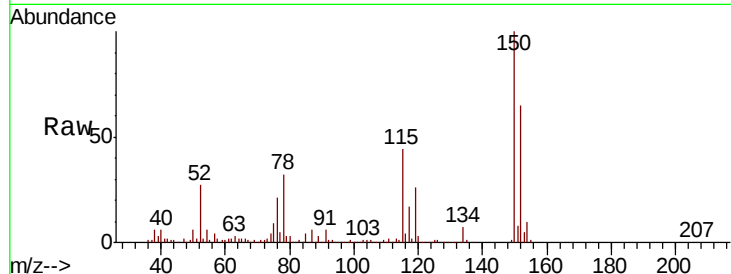




#86
p-Isopropyltoluene
Concen: 1.343 ug/l
RT: 12.05 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VX019058.D
Acq: 23 Oct 2020 03:56

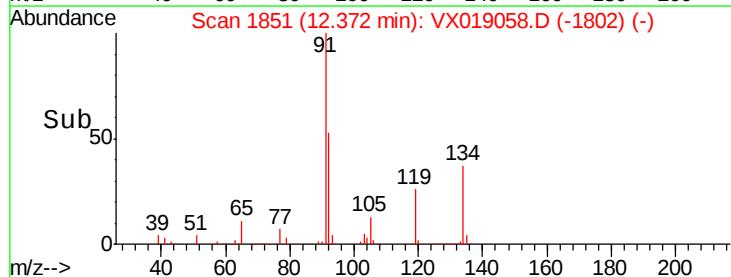
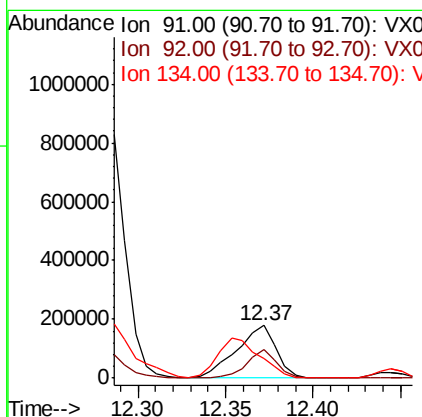
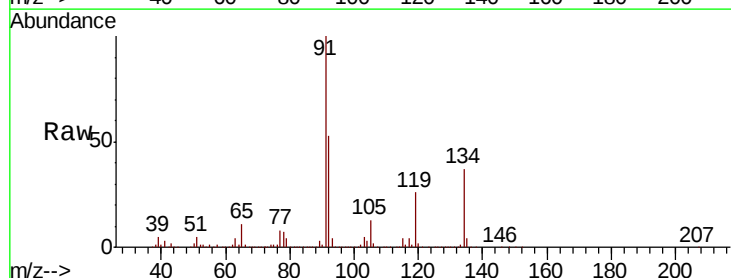
Instrument :
MSVOA_X
ClientSampled :
MW-3

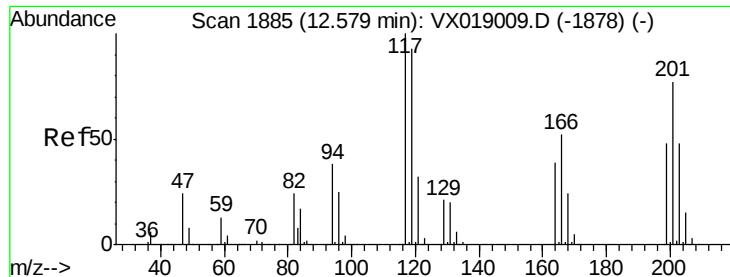
Tot Ion: 119 Resp: 25179
Ion Ratio Lower Upper
119 100
134 0.0 13.3 39.8#
91 0.0 11.4 34.2#



#89
n-Butylbenzene
Concen: 16.422 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. -0.00 min
Lab File: VX019058.D
Acq: 23 Oct 2020 03:56

Tgt Ion: 91 Resp: 281831
Ion Ratio Lower Upper
91 100
92 40.5 27.3 81.9
134 80.7 13.6 40.7#





#90

Hexachloroethane

Concen: 62.411 ug/l

RT: 12.65 min Scan# 1897

Delta R.T. 0.07 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampled :

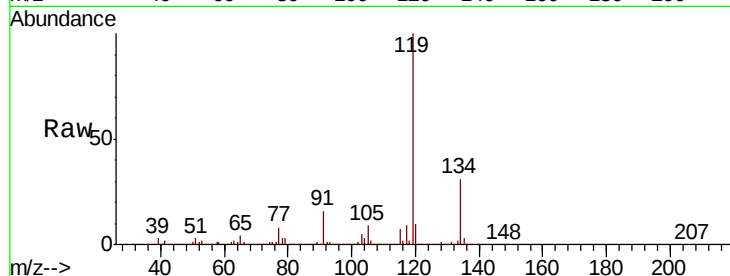
MW-3

Tot Ion:117 Resp: 179137

Ion Ratio Lower Upper

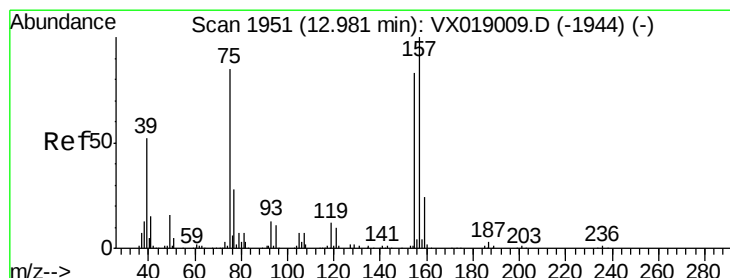
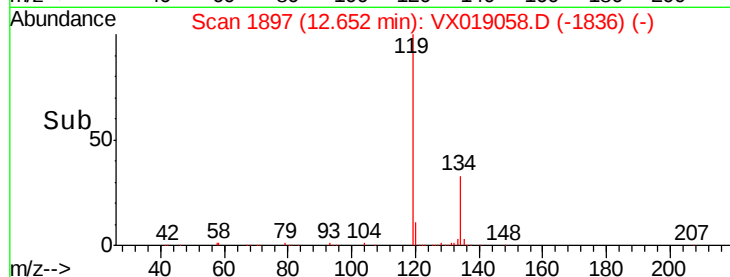
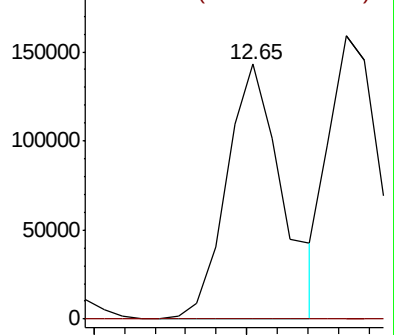
117 100

201 0.0 37.1 111.3#



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: 1.384 ug/l

RT: 13.00 min Scan# 1954

Delta R.T. 0.02 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

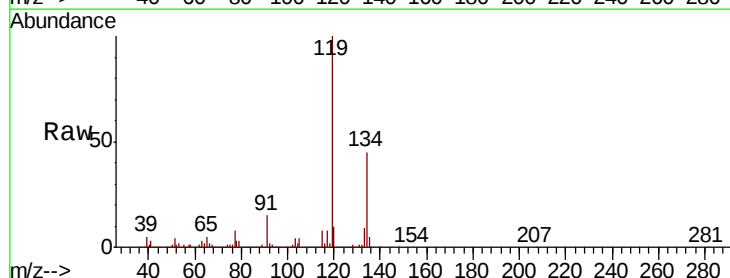
Tgt Ion: 75 Resp: 1979

Ion Ratio Lower Upper

75 100

155 0.0 47.3 142.0#

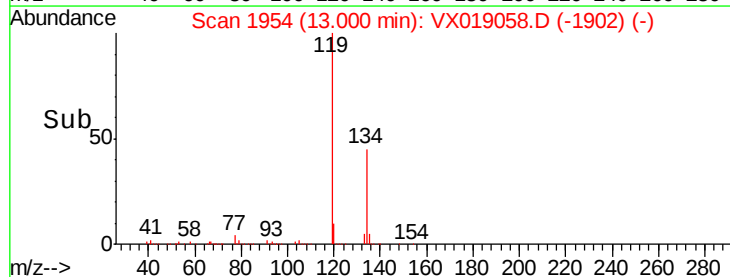
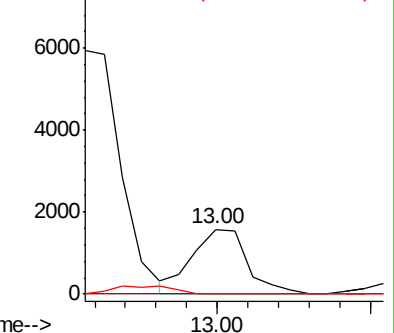
157 0.0 59.7 179.0#

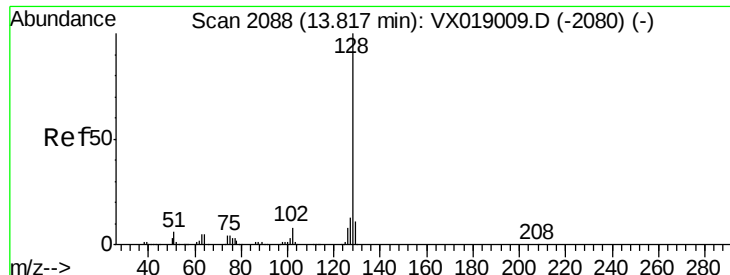


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 329.713 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. -0.00 min

Lab File: VX019058.D

Acq: 23 Oct 2020 03:56

Instrument :

MSVOA_X

ClientSampleId :

MW-3

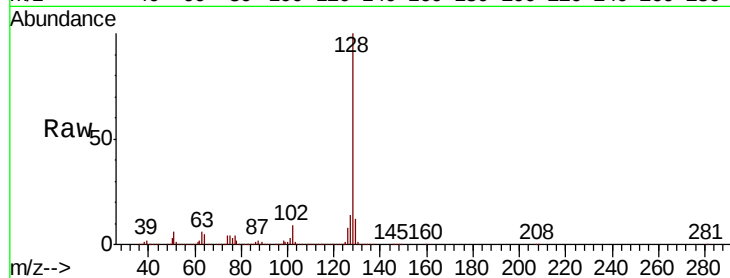
Tot Ion:128 Resp: 6833498

Ion Ratio Lower Upper

128 100

127 13.7 10.5 15.7

129 11.8 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

