

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050819\
 Data File : VX009413.D
 Acq On : 08 May 2019 21:02
 Operator : JC/SP
 Sample : K2727-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OWS-2

Quant Time: May 09 06:34:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 03:31:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	184497	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	291441	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110358	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	119009	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
35) Dibromofluoromethane	5.50	113	89750	48.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.98%	
50) Toluene-d8	8.71	98	372835	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	11.13	95	120753	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	3.03	59	4733	8.118	ug/l #	88
13) Acrolein	2.29	56	603	1.142	ug/l #	14
14) Allyl chloride	2.85	41	687075	162.863	ug/l #	31
16) Acetone	2.44	43	105270	77.840	ug/l	99
17) Carbon Disulfide	2.57	76	3939	0.810	ug/l #	95
18) Methyl Acetate	2.78	43	4824	1.500	ug/l	93
20) Methylene Chloride	2.85	84	13845898	6323.155	ug/l	88
25) 2-Butanone	4.68	43	33881	16.122	ug/l	99
28) Bromochloromethane	5.04	49	714	Below Cal	#	84
29) Tetrahydrofuran	5.16	42	2249	1.663	ug/l #	81
36) 1,1-Dichloropropene	5.67	75	14236	5.256	ug/l #	50
37) Ethyl Acetate	4.68	43	33881	8.978	ug/l #	71
38) Carbon Tetrachloride	5.66	117	16899	6.867	ug/l #	15
40) Benzene	6.14	78	2044	0.244	ug/l #	66
43) Isopropyl Acetate	6.45	43	12435	2.060	ug/l	100
48) Methyl methacrylate	7.67	41	13998	4.674	ug/l #	34
49) 1,4-Dioxane	7.76	88	22	0.362	ug/l #	1
51) 4-Methyl-2-Pentanone	8.64	43	160880	40.778	ug/l #	79
52) Toluene	8.79	92	213499	41.902	ug/l	99
53) t-1,3-Dichloropropene	8.79	75	2707	0.872	ug/l #	1
54) cis-1,3-Dichloropropene	8.62	75	28307	8.239	ug/l #	60
56) Ethyl methacrylate	9.09	69	3301	0.890	ug/l #	47
57) 1,3-Dichloropropane	9.54	76	6404	1.751	ug/l #	43
59) 2-Hexanone	9.49	43	5028	1.623	ug/l	97
67) Ethyl Benzene	10.25	91	4265	0.455	ug/l	99
68) m/p-Xylenes	10.35	106	5001	1.461	ug/l	99
69) o-Xylene	10.70	106	2969	0.879	ug/l	95
74) N-amyl acetate	10.91	43	7461	1.595	ug/l #	13
76) 1,2,3-Trichloropropane	11.13	75	59885	23.393	ug/l #	34
80) 1,3,5-Trimethylbenzene	11.51	105	2737	0.405	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.13	75	59885	59.855	ug/l #	11
82) 4-Chlorotoluene	11.51	91	3077	0.482	ug/l #	46
84) 1,2,4-Trimethylbenzene	11.80	105	9480	1.398	ug/l #	32
85) sec-Butylbenzene	12.07	105	238004	30.540	ug/l #	1

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Quant Title : SW846 8260
QLast Update : Wed May 08 03:31:13 2019
Response via : Initial Calibration

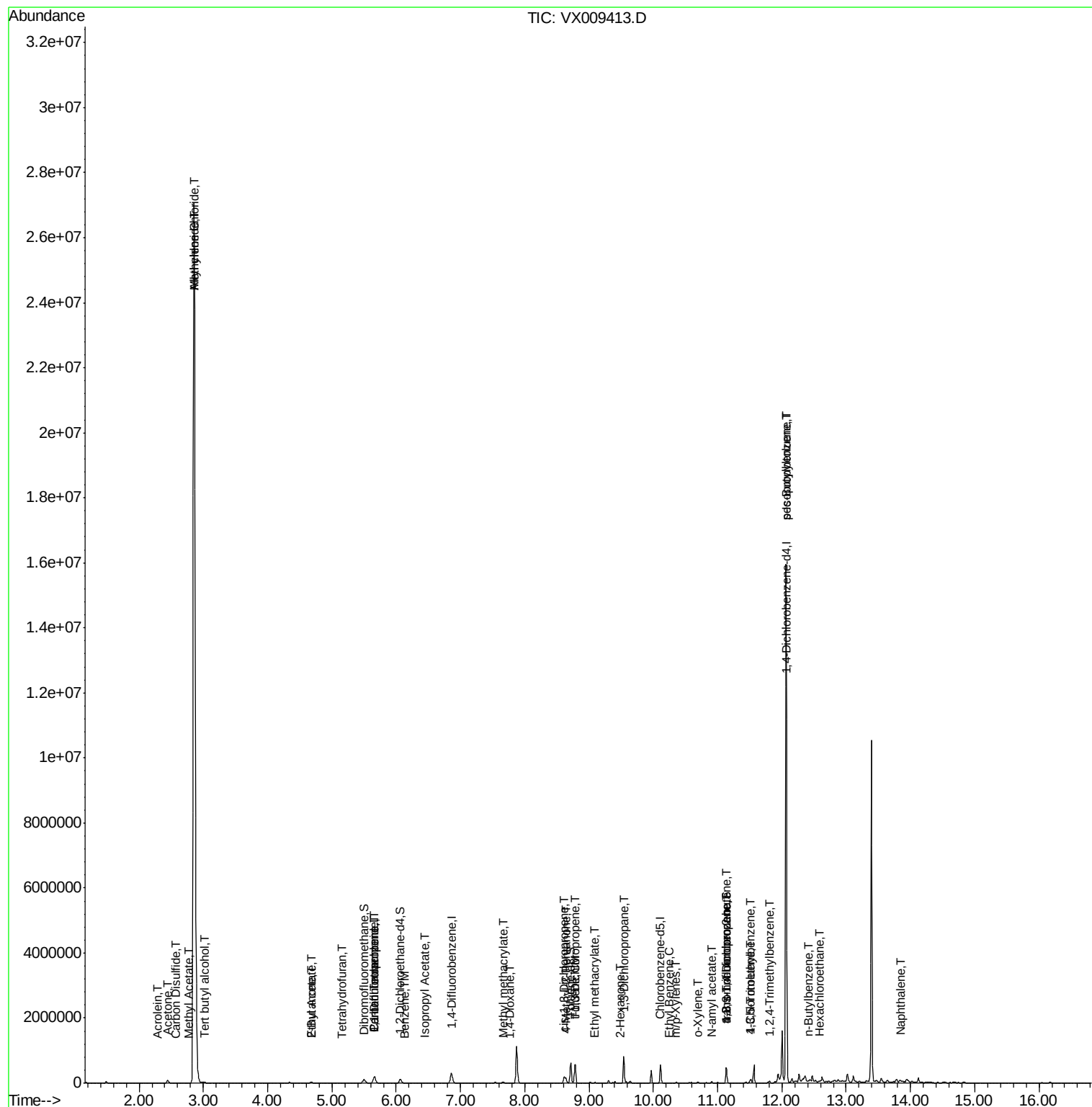
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
86) p-Isopropyltoluene	12.07	119	6529313	931.957	ug/l	97
89) n-Butylbenzene	12.41	91	1486	0.235	ug/l #	74
90) Hexachloroethane	12.58	117	467	0.391	ug/l #	7
95) Naphthalene	13.83	128	11391	1.416	ug/l	97

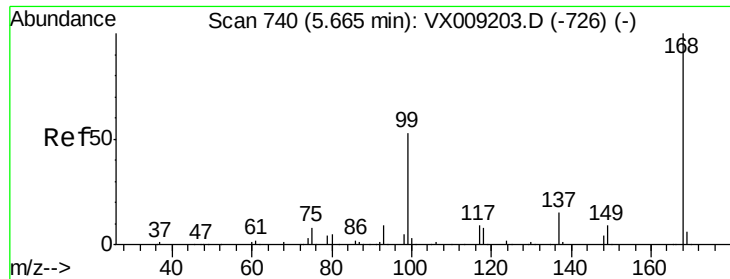
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

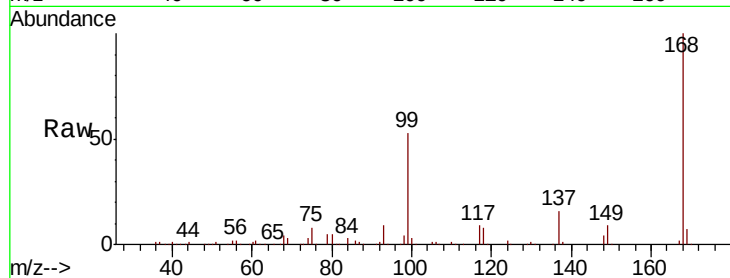
OWS-2

Tot Ion:168 Resp: 184497

Ion Ratio Lower Upper

168 100

99 53.4 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

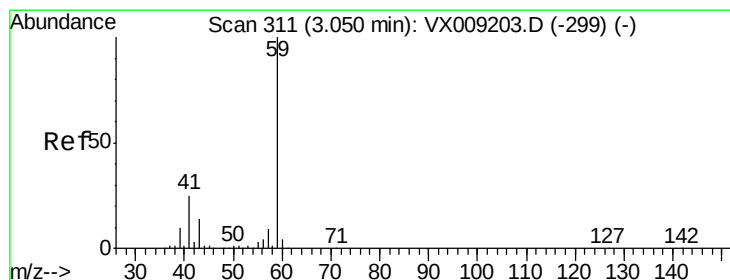
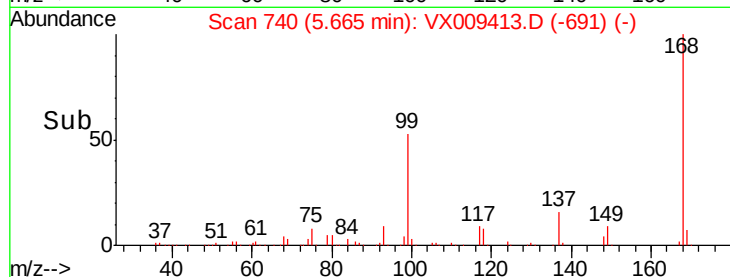
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 8.118 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.02 min

Lab File: VX009413.D

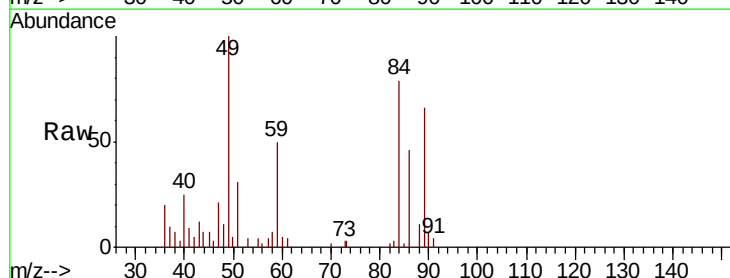
Acq: 08 May 2019 21:02

Tgt Ion: 59 Resp: 4733

Ion Ratio Lower Upper

59 100

57 5.9 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

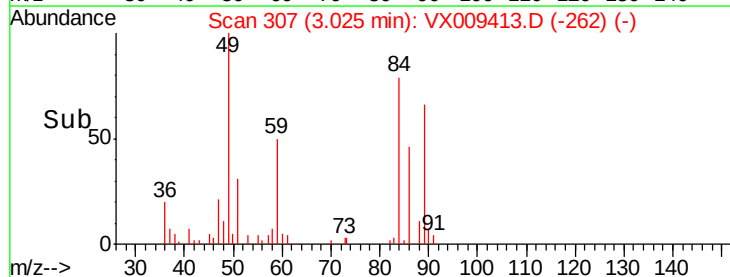
1500

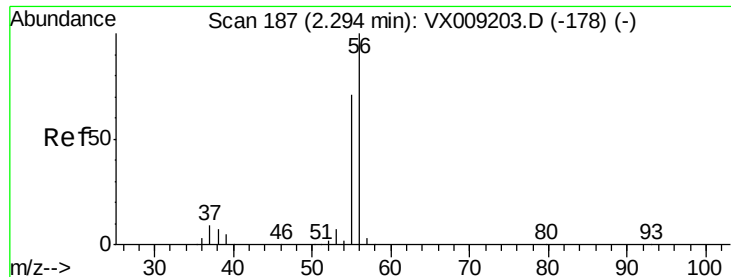
1000

500

0

Time--> 2.90 3.00 3.10





#13

Acrolein

Concen: 1.142 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampled :

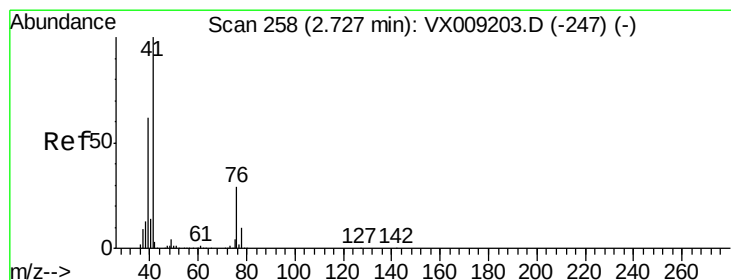
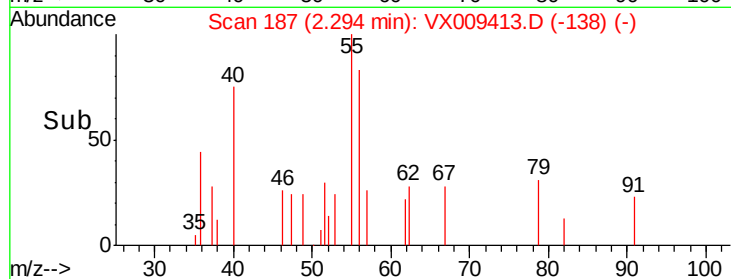
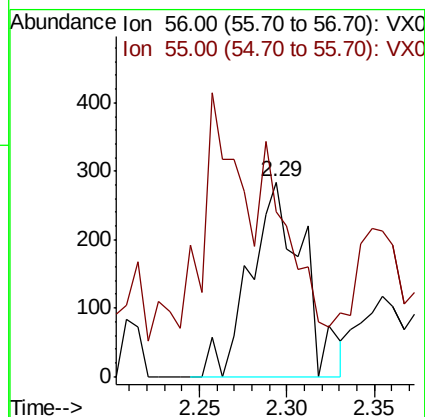
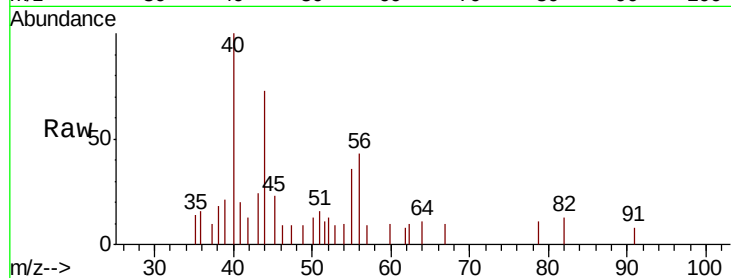
OVS-2

Tot Ion: 56 Resp: 603

Ion Ratio Lower Upper

56 100

55 0.0 56.6 85.0#



#14

Allyl chloride

Concen: 162.863 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.13 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

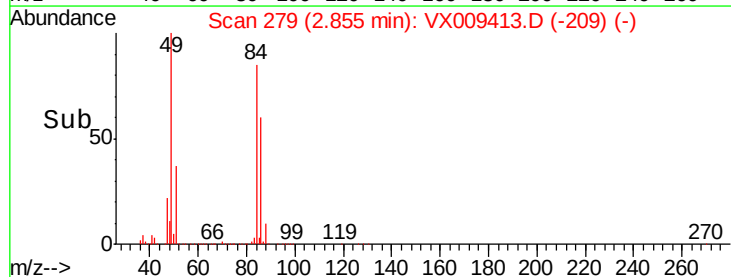
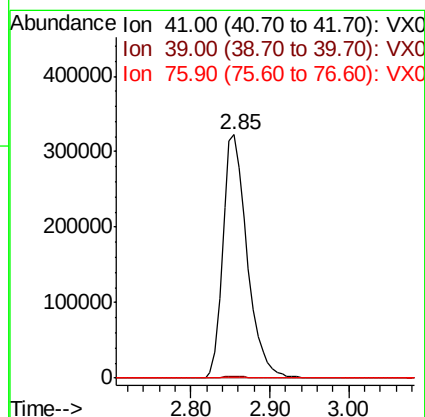
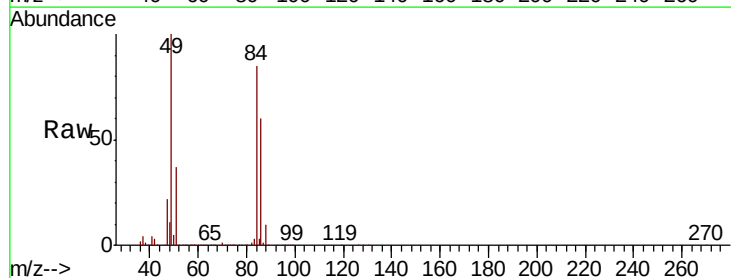
Tgt Ion: 41 Resp: 687075

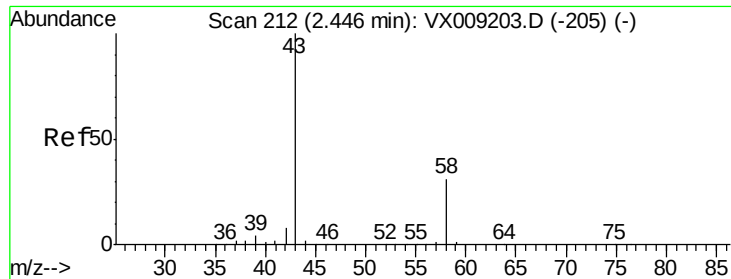
Ion Ratio Lower Upper

41 100

39 0.7 46.7 70.1#

76 0.0 21.8 32.8#





#16

Acetone

Concen: 77.840 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampled :

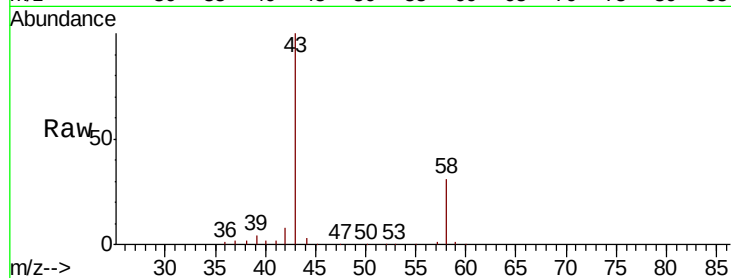
OWS-2

Tot Ion: 43 Resp: 105270

Ion Ratio Lower Upper

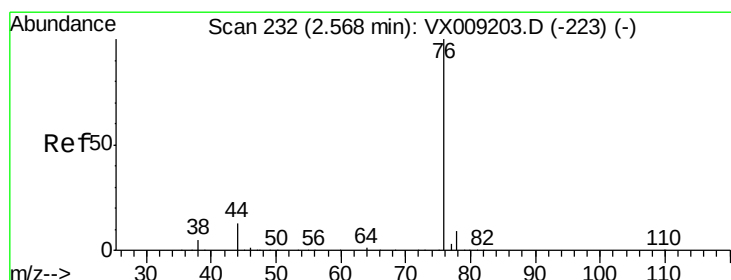
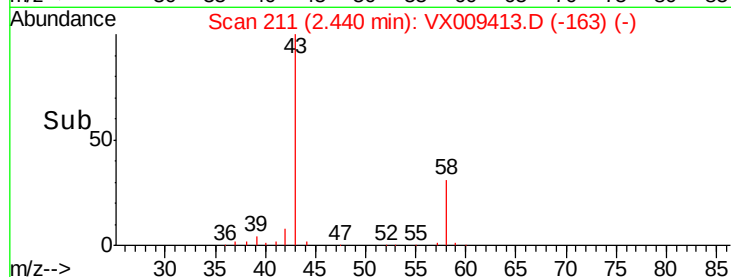
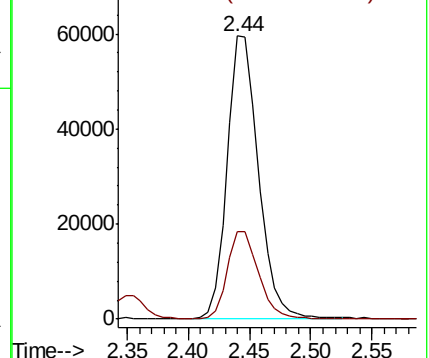
43 100

58 30.8 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.810 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX009413.D

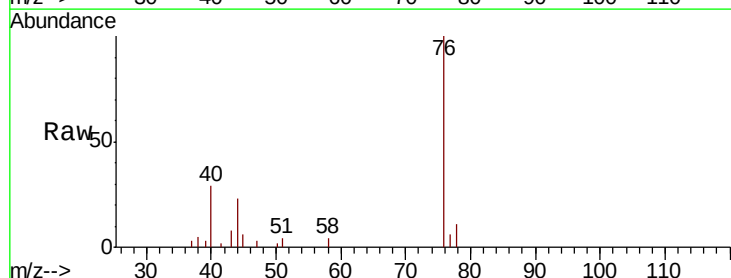
Acq: 08 May 2019 21:02

Tgt Ion: 76 Resp: 3939

Ion Ratio Lower Upper

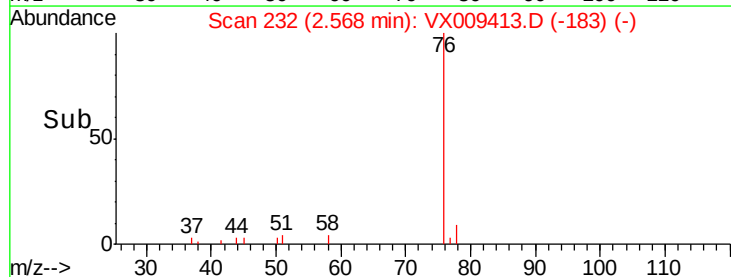
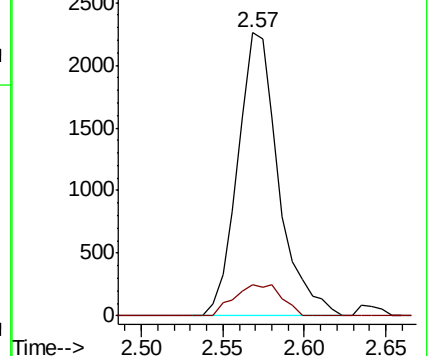
76 100

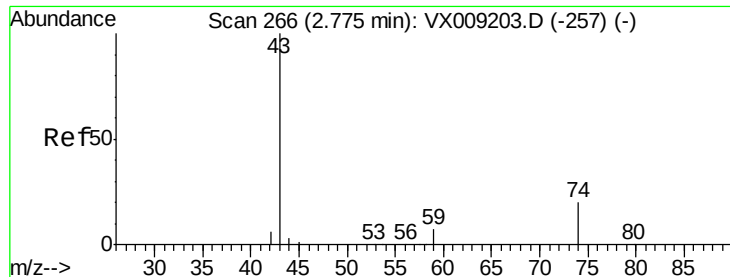
78 11.1 7.4 11.0#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#18

Methyl Acetate

Concen: 1.500 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

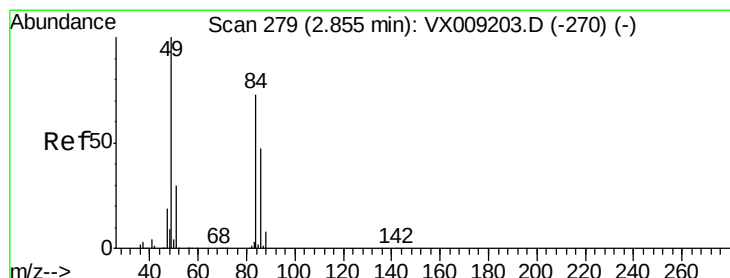
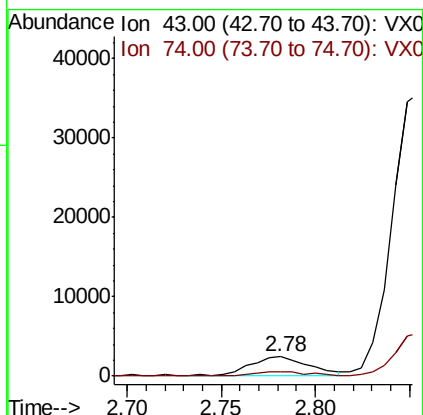
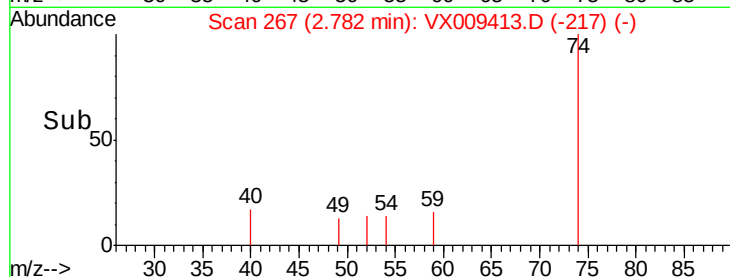
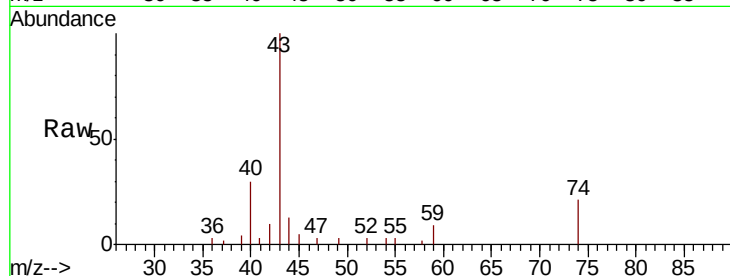
OVS-2

Tot Ion: 43 Resp: 4824

Ion Ratio Lower Upper

43 100

74 23.6 16.2 24.4



#20

Methylene Chloride

Concen: 6323.155 ug/l

RT: 2.85 min Scan# 279

Delta R.T. -0.00 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Tgt Ion: 84 Resp:13845898

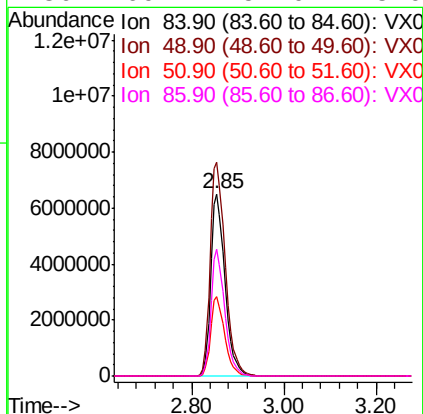
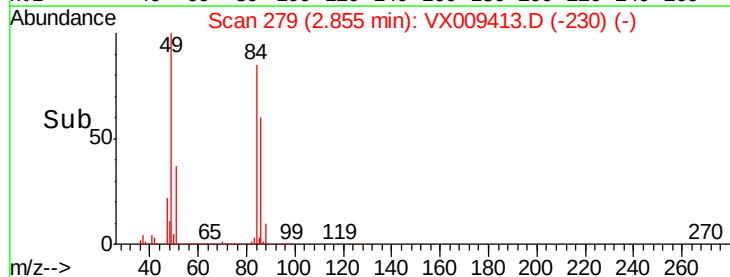
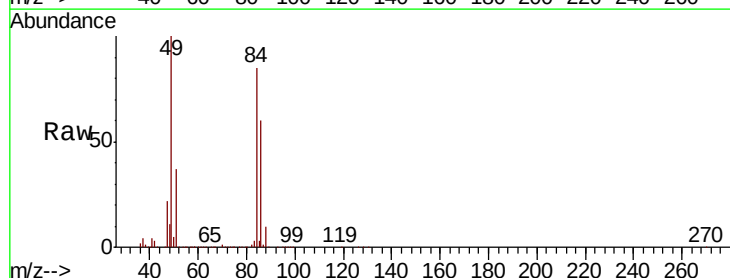
Ion Ratio Lower Upper

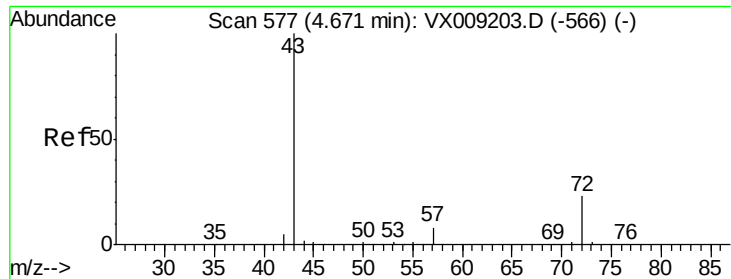
84 100

49 117.1 109.9 164.9

51 43.7 32.7 49.1

86 69.7 52.0 78.0

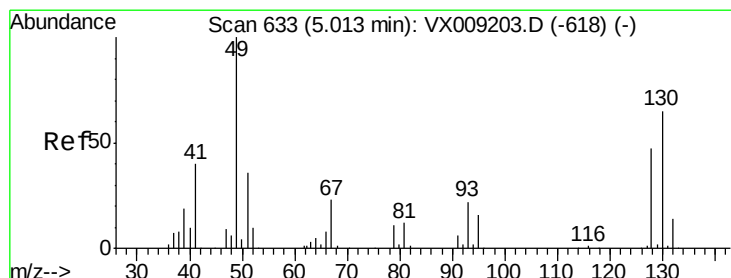
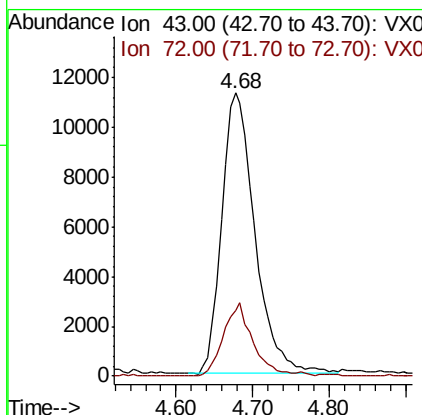
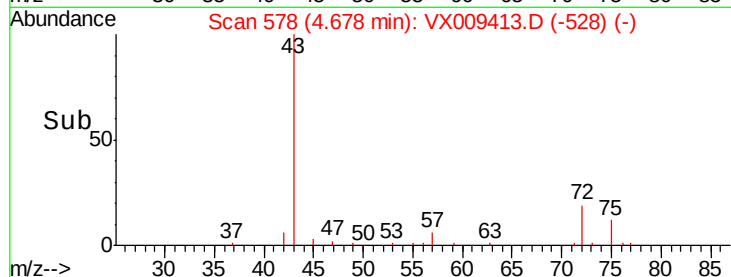
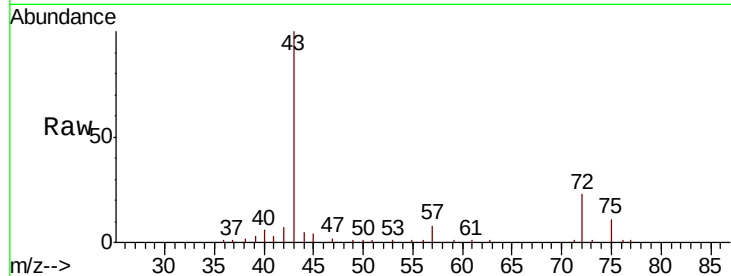




#25
2-Butanone
Concen: 16.122 ug/l
RT: 4.68 min Scan# 578
Delta R.T. 0.01 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

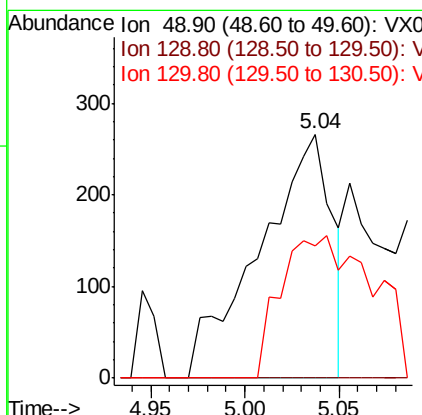
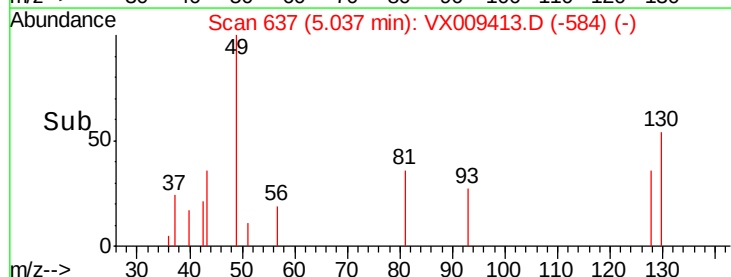
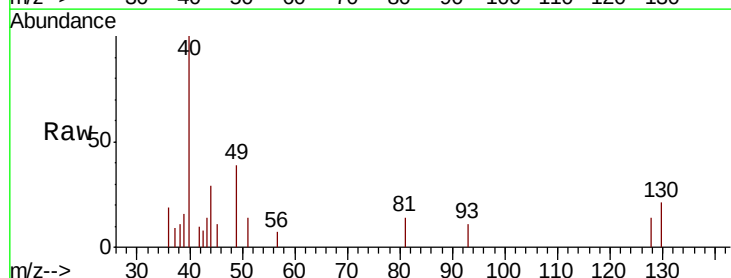
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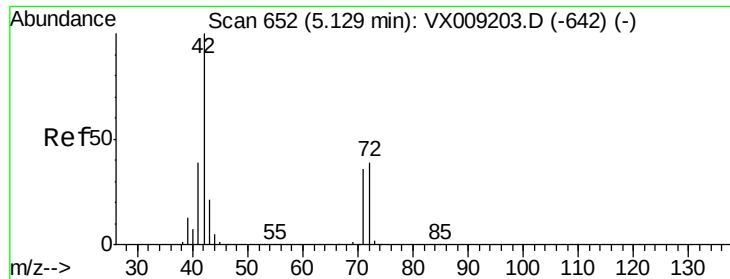
Tot Ion: 43 Resp: 33881
Ion Ratio Lower Upper
43 100
72 23.2 18.2 27.2



#28
Bromochloromethane
Concen: Below Cal
RT: 5.04 min Scan# 637
Delta R.T. 0.03 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

Tgt Ion: 49 Resp: 714
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.8
130 77.0 51.2 76.8#





#29

Tetrahydrofuran

Concen: 1.663 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.03 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

OVS-2

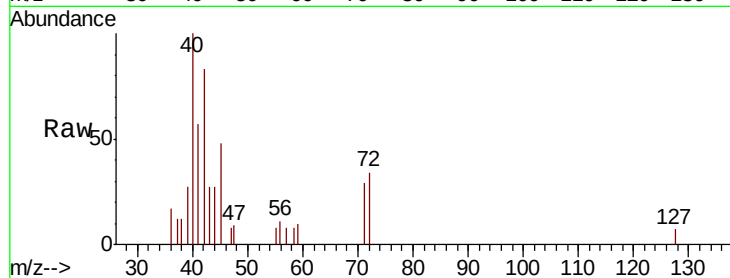
Tot Ion: 42 Resp: 2249

Ion Ratio Lower Upper

42 100

72 22.0 30.4 45.6#

71 29.9 28.6 43.0



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

5.16

600

400

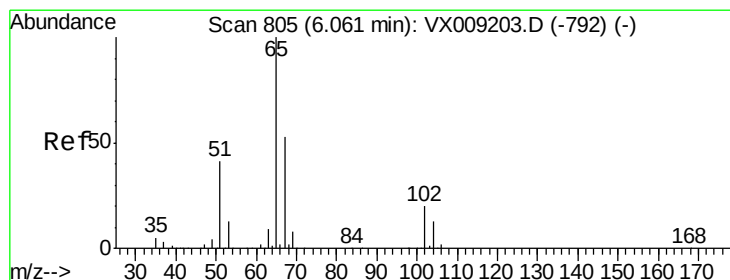
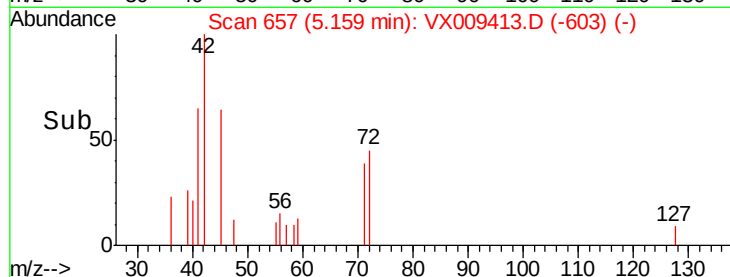
200

0

5.10

5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.252 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009413.D

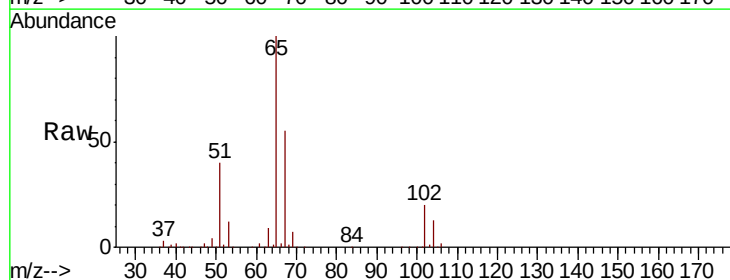
Acq: 08 May 2019 21:02

Tgt Ion: 65 Resp: 119009

Ion Ratio Lower Upper

65 100

67 53.7 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

30000

20000

10000

0

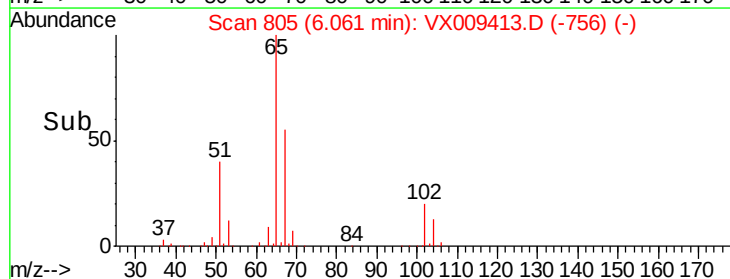
5.90

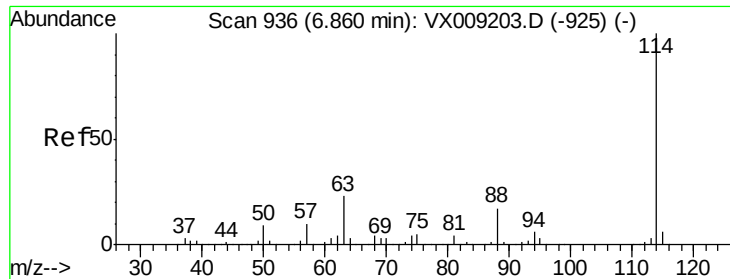
6.00

6.10

6.20

Time-->

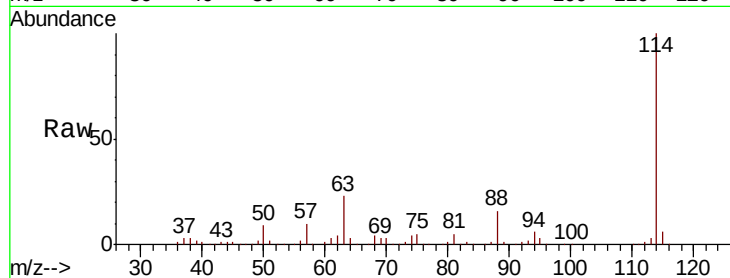




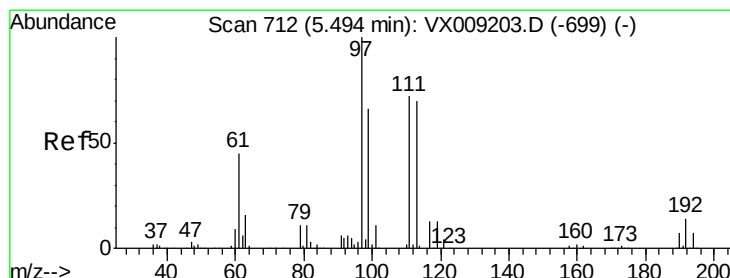
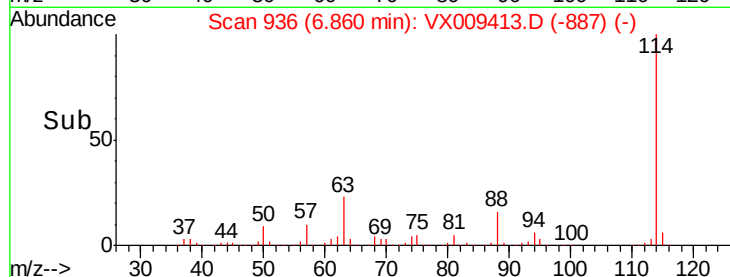
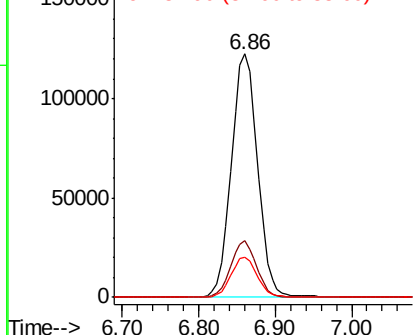
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009413.D
 Acq: 08 May 2019 21:02

Instrument :
 MSVOA_X
 ClientSampleId :
 OWS-2

Tot Ion:114 Resp: 291441
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 45.6
 88 16.4 0.0 33.2

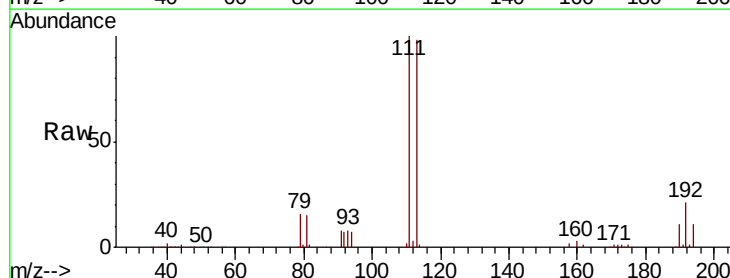


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

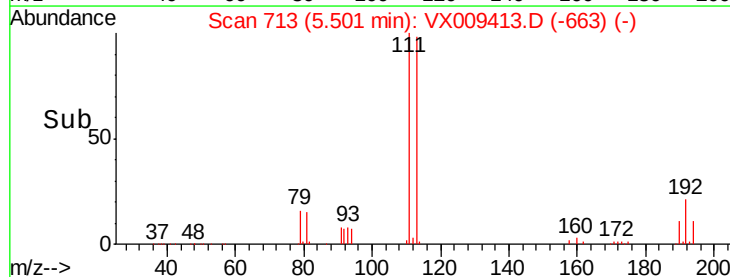
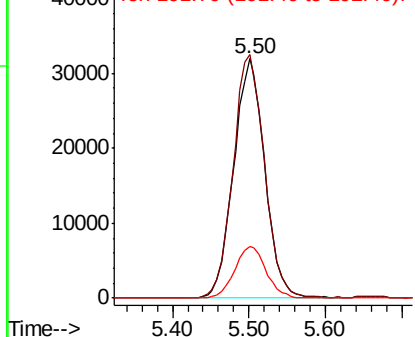


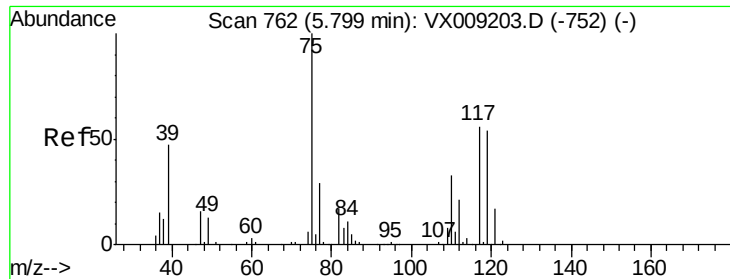
#35
 Dibromofluoromethane
 Concen: 48.987 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009413.D
 Acq: 08 May 2019 21:02

Tgt Ion:113 Resp: 89750
 Ion Ratio Lower Upper
 113 100
 111 102.7 82.8 124.2
 192 21.8 17.0 25.6



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

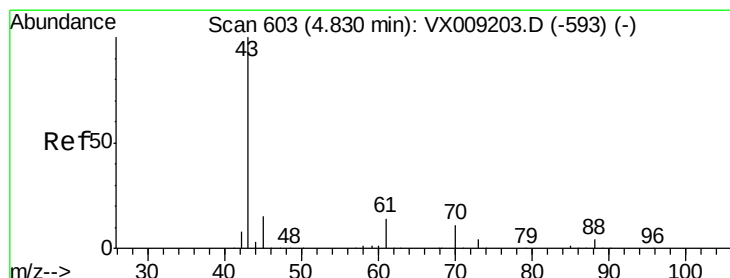
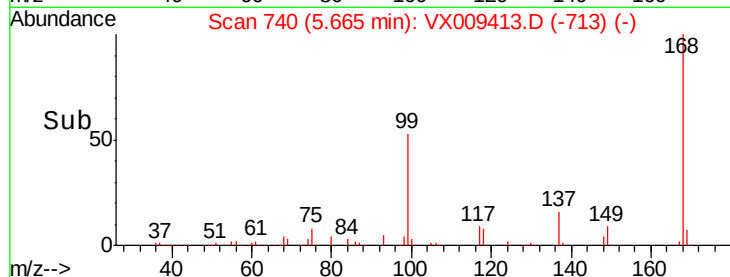
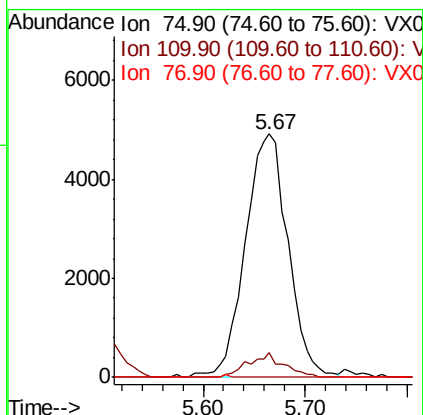
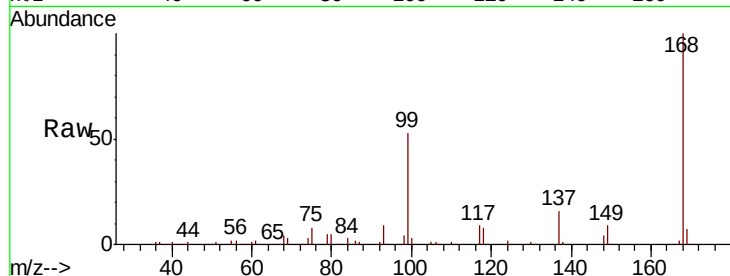




#36
 1,1-Dichloropropene
 Concen: 5.256 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX009413.D
 Acq: 08 May 2019 21:02

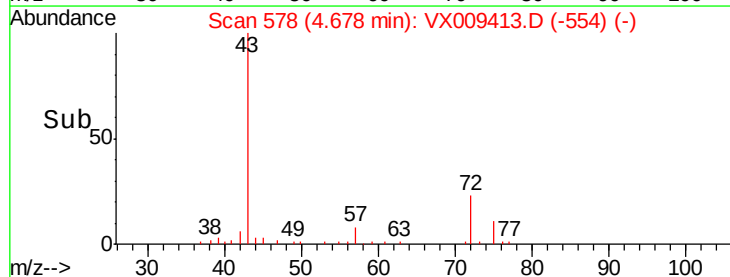
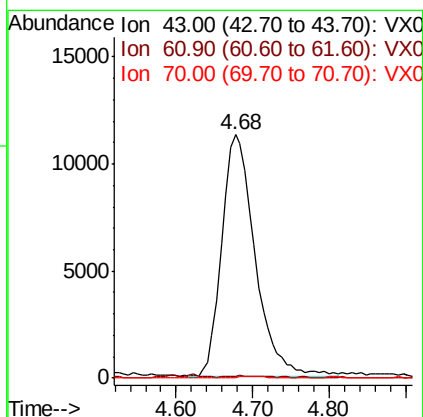
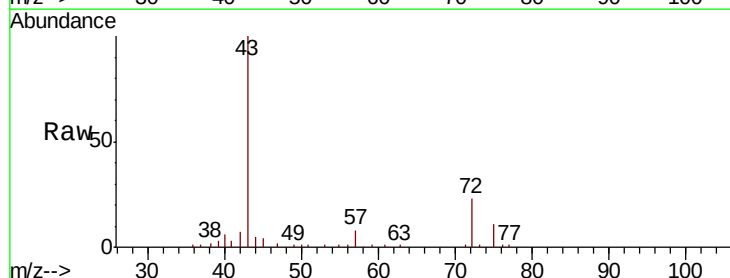
Instrument :
 MSVOA_X
 ClientSampleId :
 OWS-2

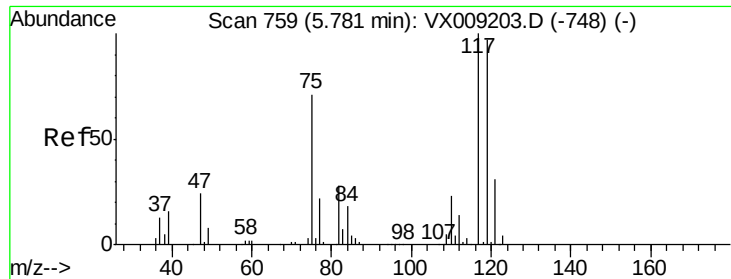
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.5	16.9	50.6#
77	0.0	24.8	37.2#



#37
 Ethyl Acetate
 Concen: 8.978 ug/l
 RT: 4.68 min Scan# 578
 Delta R.T. -0.15 min
 Lab File: VX009413.D
 Acq: 08 May 2019 21:02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	0.8	10.5	15.7#
70	0.0	7.9	11.9#





#38

Carbon Tetrachloride

Concen: 6.867 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampled :

OWS-2

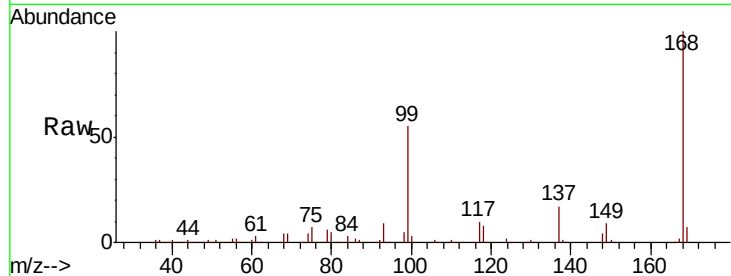
Tot Ion:117 Resp: 16899

Ion Ratio Lower Upper

117 100

119 5.1 77.5 116.3#

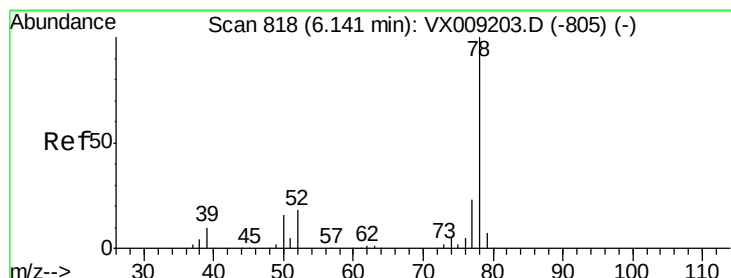
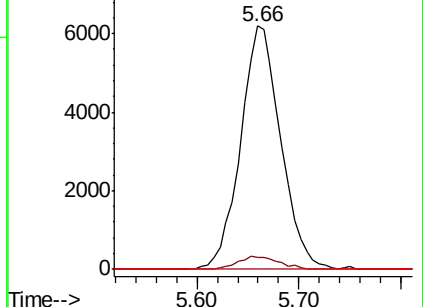
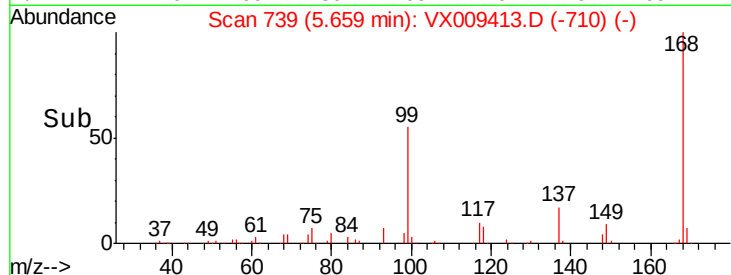
121 0.0 24.7 37.1#



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: 0.244 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX009413.D

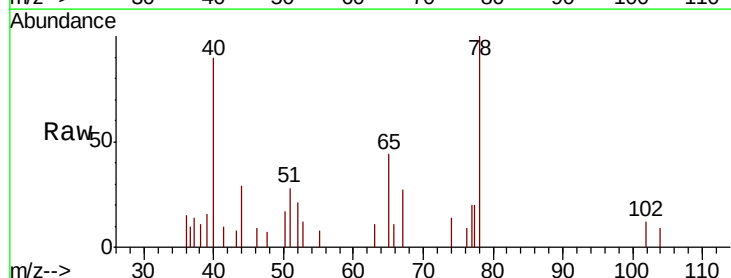
Acq: 08 May 2019 21:02

Tgt Ion: 78 Resp: 2044

Ion Ratio Lower Upper

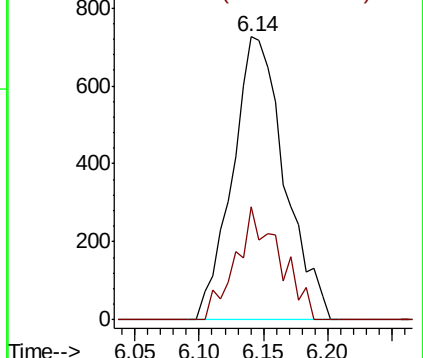
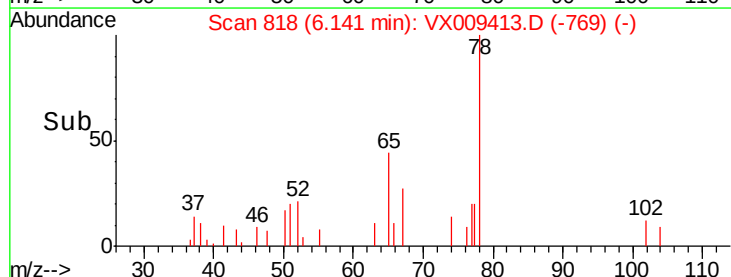
78 100

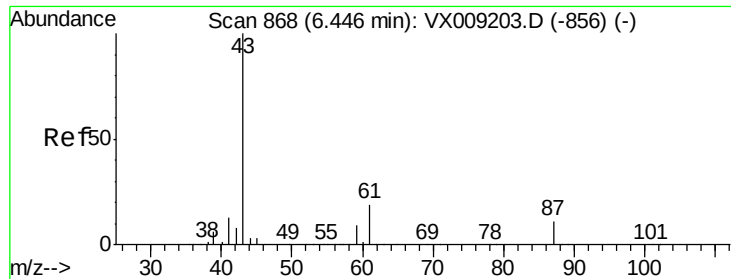
77 40.1 18.8 28.2#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#43

Isopropyl Acetate

Concen: 2.060 ug/l

RT: 6.45 min Scan# 869

Delta R.T. 0.01 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

OVS-2

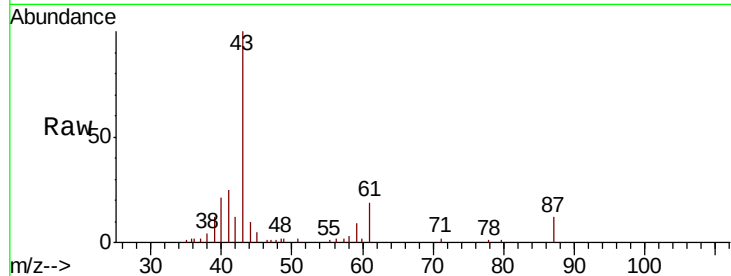
Tot Ion: 43 Resp: 12435

Ion Ratio Lower Upper

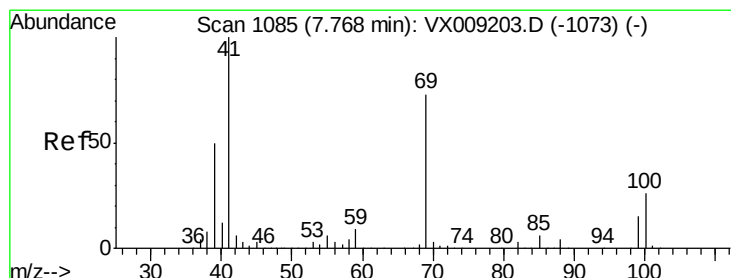
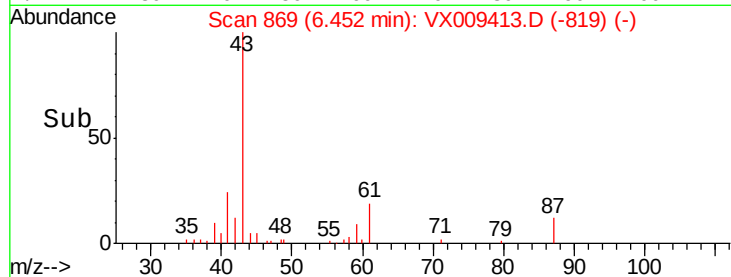
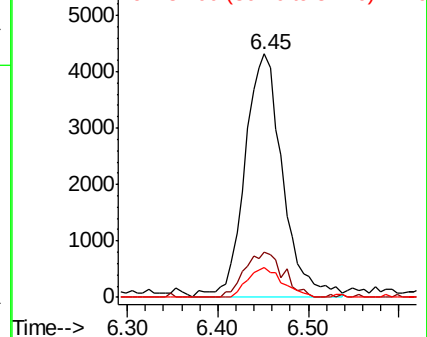
43 100

61 19.2 15.1 22.7

87 11.3 9.0 13.6



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

Methyl methacrylate

Concen: 4.674 ug/l

RT: 7.67 min Scan# 1069

Delta R.T. -0.10 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

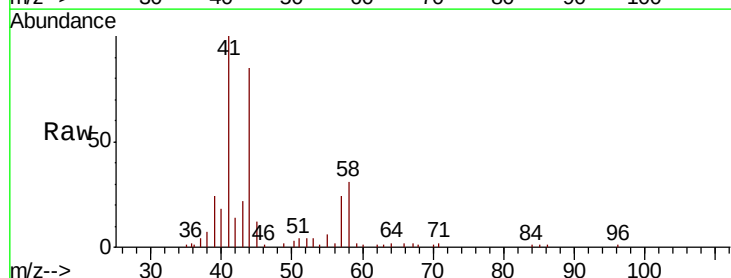
Tgt Ion: 41 Resp: 13998

Ion Ratio Lower Upper

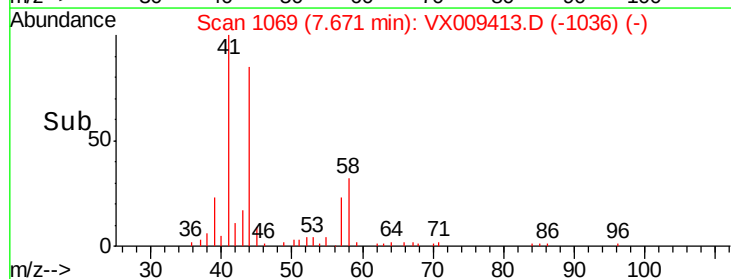
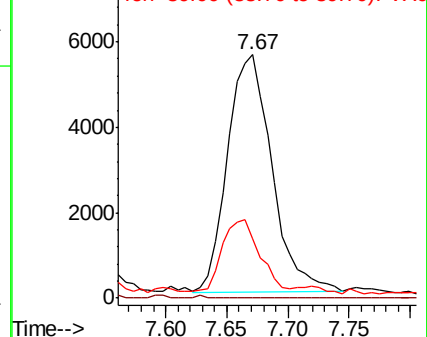
41 100

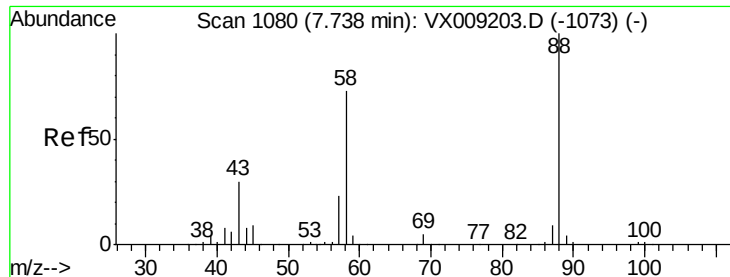
69 0.0 59.1 88.7#

39 26.0 40.4 60.6#



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: 0.362 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.02 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampled :

OWS-2

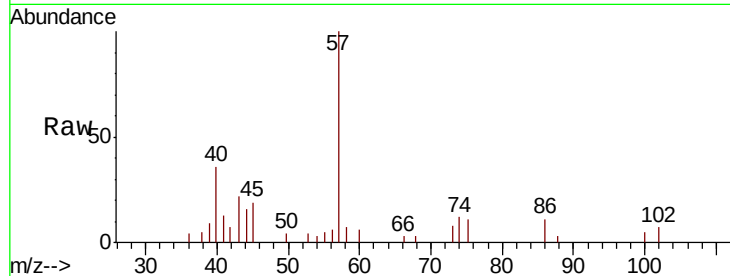
Tot Ion: 88 Resp: 22

Ion Ratio Lower Upper

88 100

43 0.0 28.6 42.8#

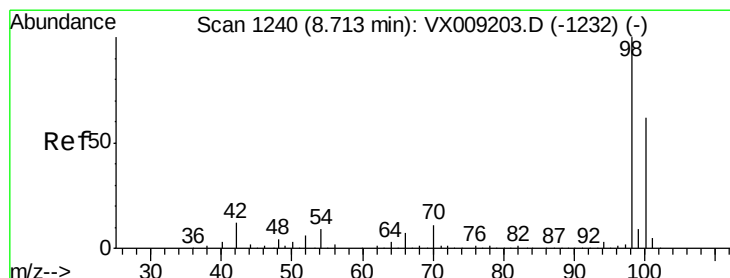
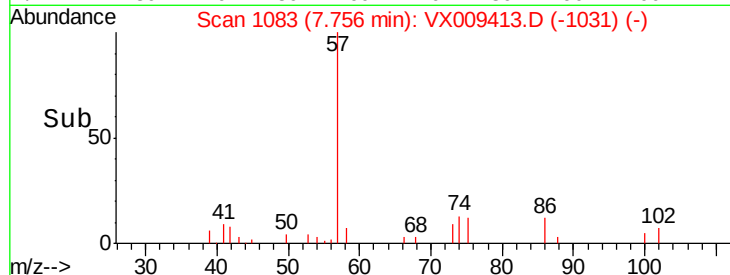
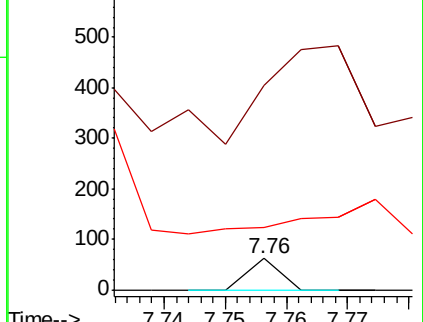
58 1831.8 61.7 92.5#



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: 50.406 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009413.D

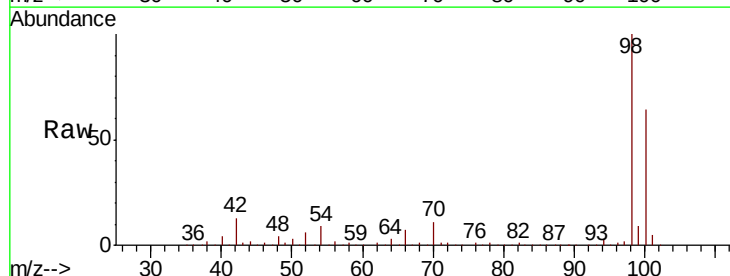
Acq: 08 May 2019 21:02

Tgt Ion: 98 Resp: 372835

Ion Ratio Lower Upper

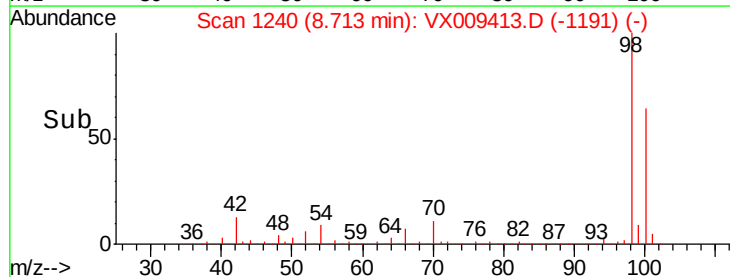
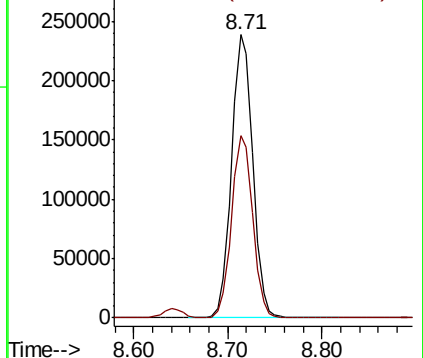
98 100

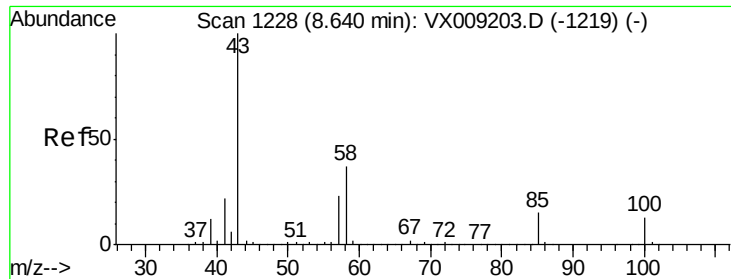
100 64.1 51.2 76.8



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: 40.778 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

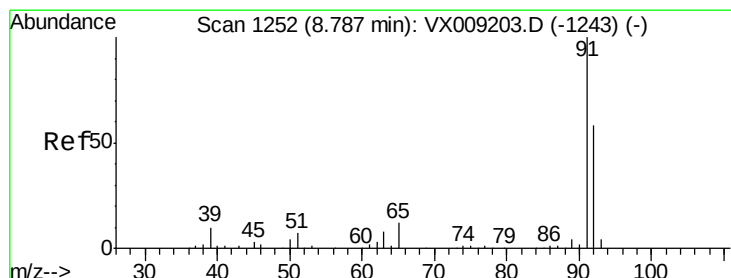
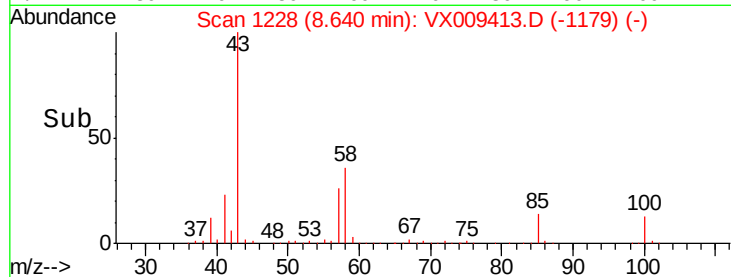
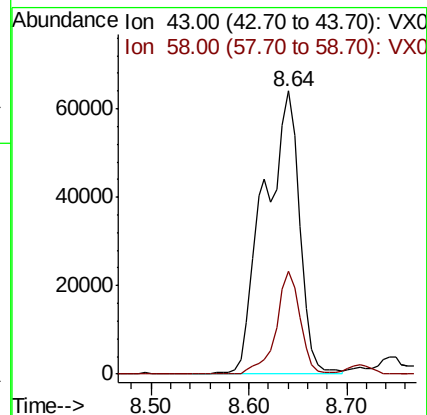
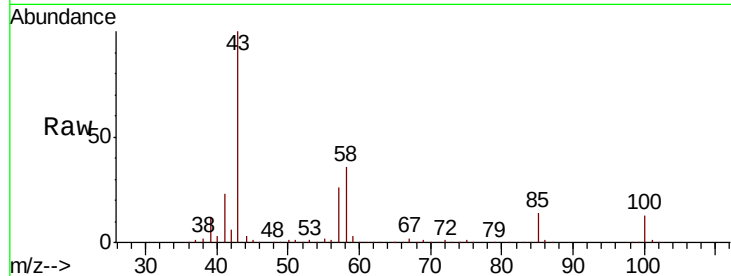
OVS-2

Tot Ion: 43 Resp: 160880

Ion Ratio Lower Upper

43 100

58 24.7 29.5 44.3#



#52

Toluene

Concen: 41.902 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009413.D

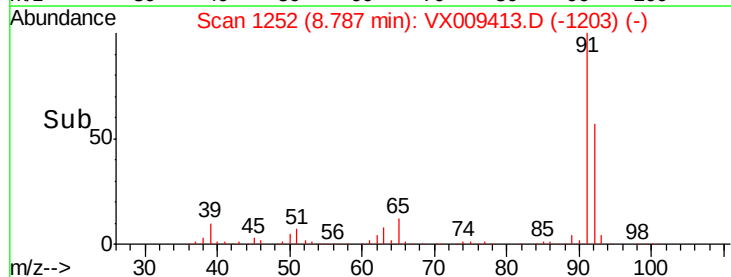
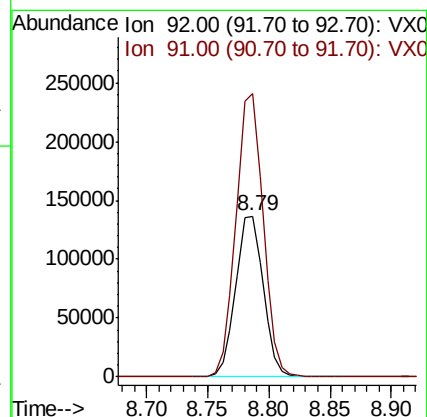
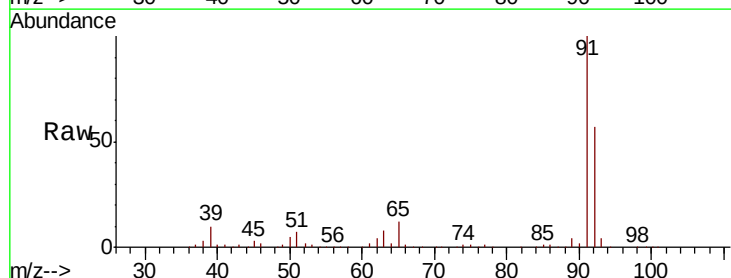
Acq: 08 May 2019 21:02

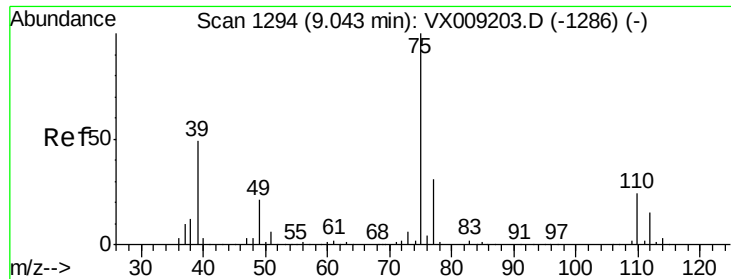
Tgt Ion: 92 Resp: 213499

Ion Ratio Lower Upper

92 100

91 174.4 138.8 208.2





#53

t-1,3-Dichloropropene

Concen: 0.872 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.26 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

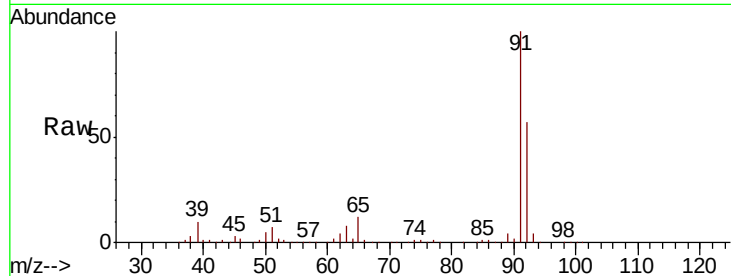
OVS-2

Tot Ion: 75 Resp: 2707

Ion Ratio Lower Upper

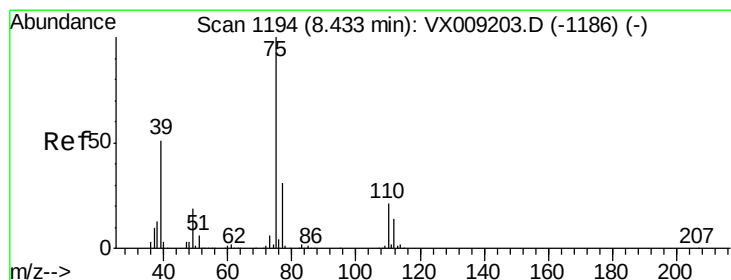
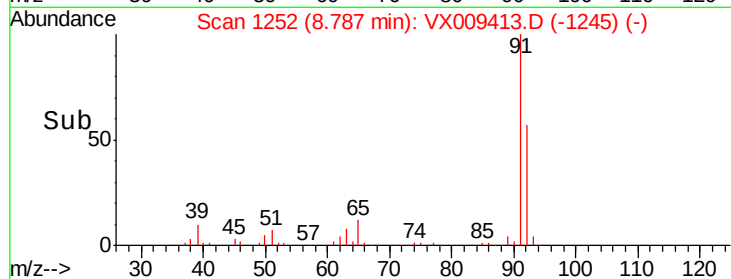
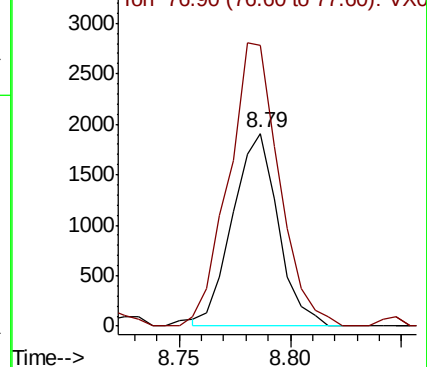
75 100

77 145.3 25.0 37.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 8.239 ug/l

RT: 8.62 min Scan# 1224

Delta R.T. 0.18 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

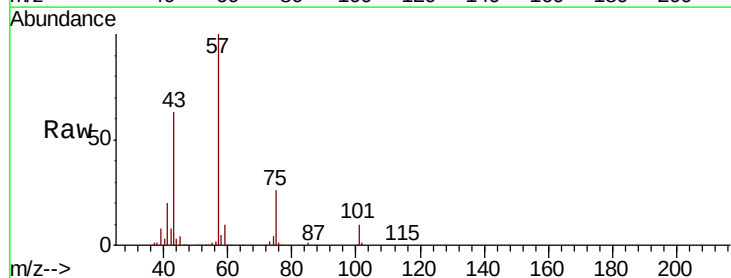
Tgt Ion: 75 Resp: 28307

Ion Ratio Lower Upper

75 100

77 0.6 24.6 36.8#

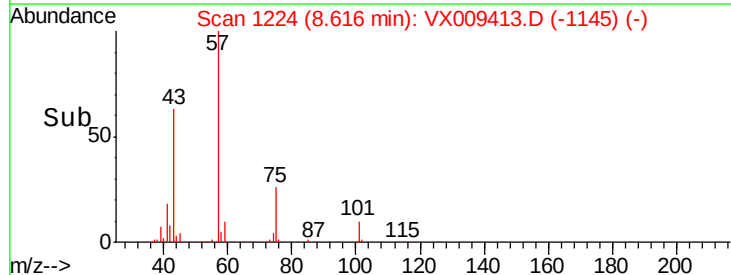
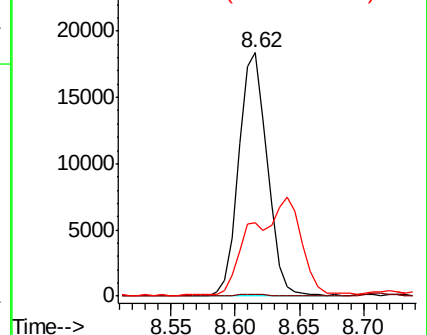
39 29.6 40.6 60.8#

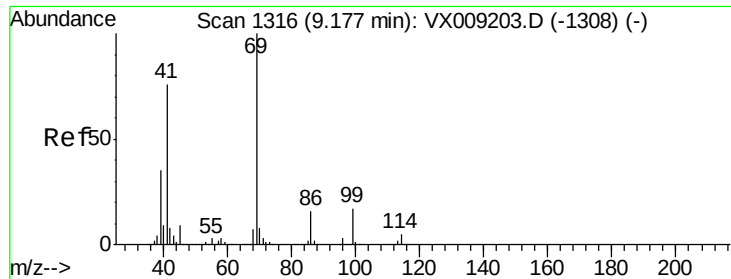


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#56

Ethyl methacrylate

Concen: 0.890 ug/l

RT: 9.09 min Scan# 1302

Delta R.T. -0.09 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampled :

OVS-2

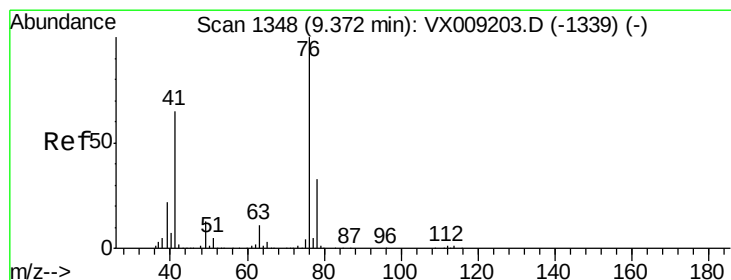
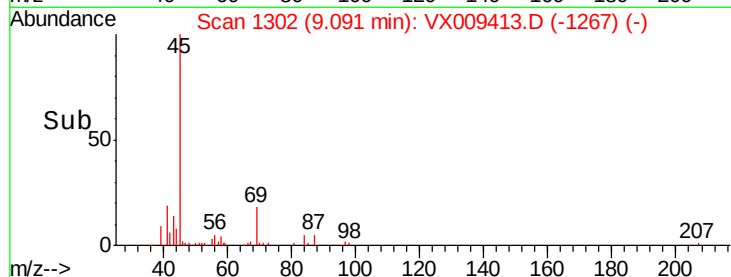
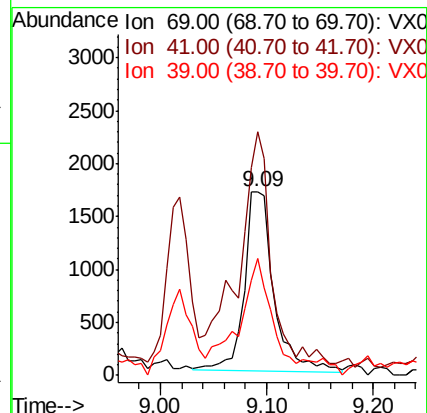
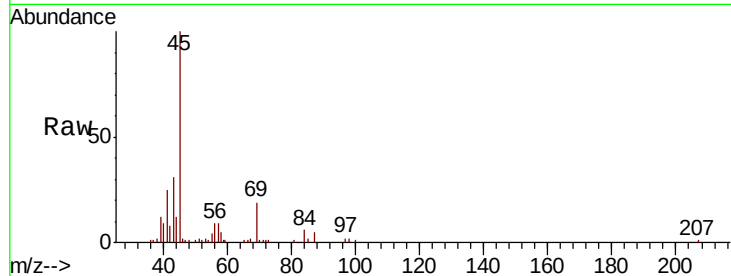
Tot Ion: 69 Resp: 3301

Ion Ratio Lower Upper

69 100

41 125.6 60.6 90.8#

39 59.1 28.2 42.4#



#57

1,3-Dichloropropane

Concen: 1.751 ug/l

RT: 9.54 min Scan# 1376

Delta R.T. 0.17 min

Lab File: VX009413.D

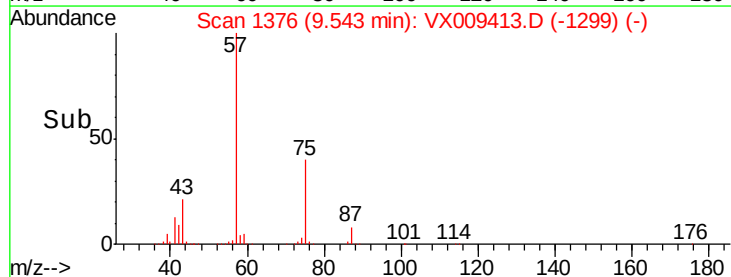
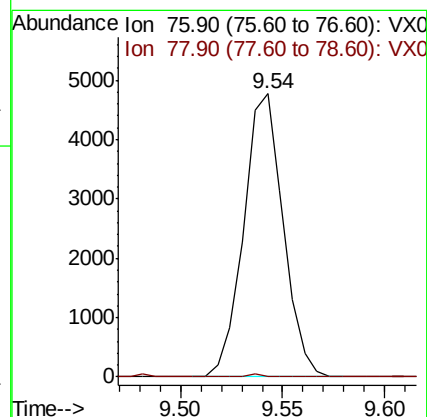
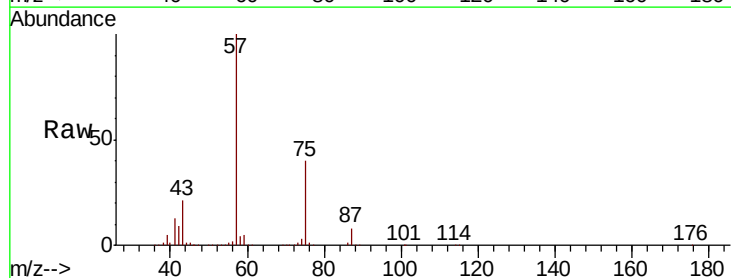
Acq: 08 May 2019 21:02

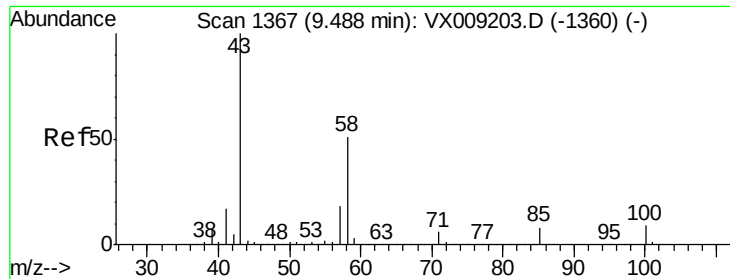
Tgt Ion: 76 Resp: 6404

Ion Ratio Lower Upper

76 100

78 0.3 25.5 38.3#

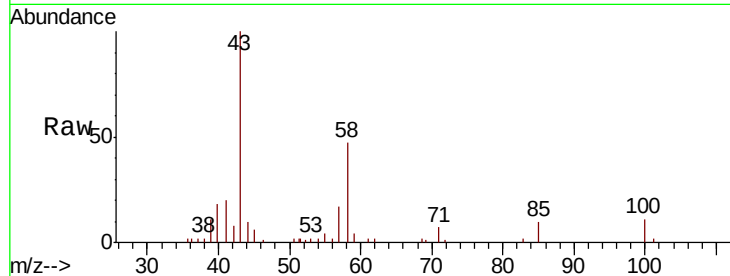




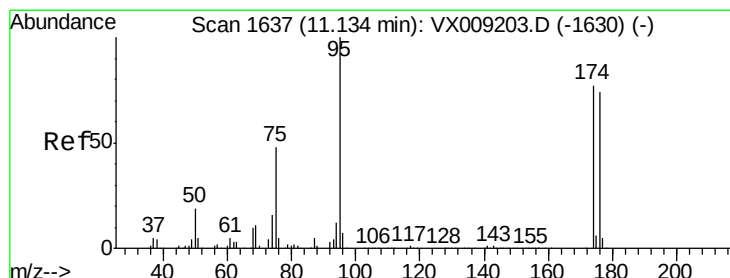
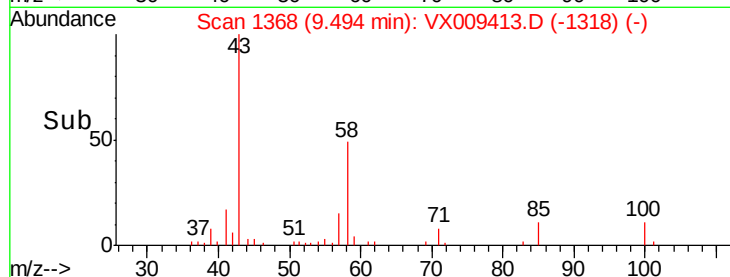
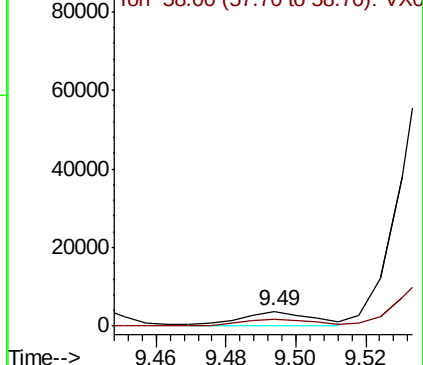
#59
2-Hexanone
Concen: 1.623 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

Instrument :
MSVOA_X
ClientSampled :
OWS-2

Tot Ion: 43 Resp: 5028
Ion Ratio Lower Upper
43 100
58 53.8 25.9 77.7

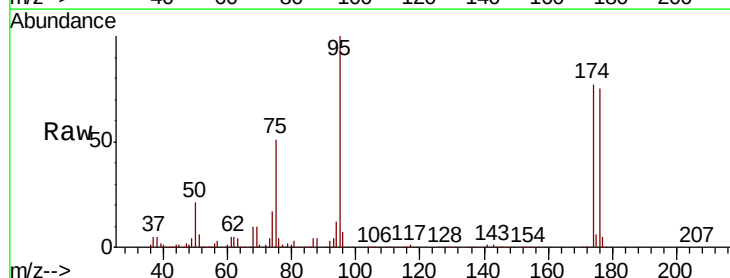


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

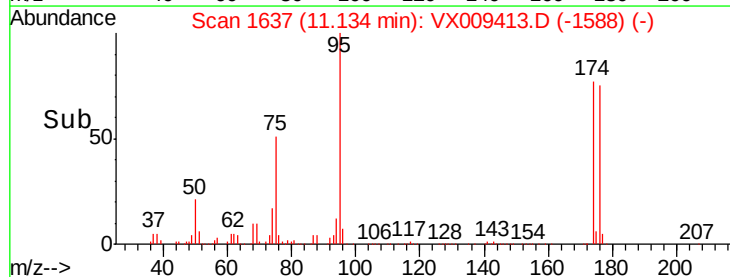
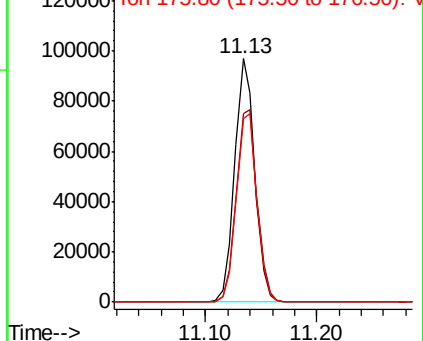


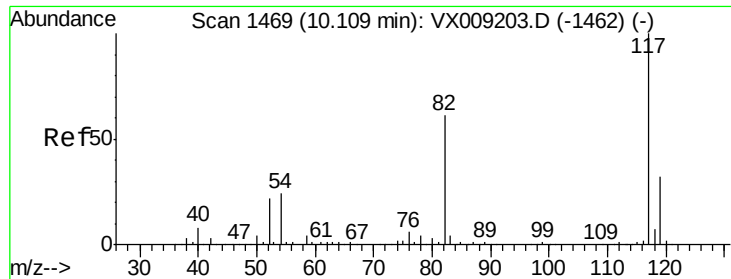
#62
4-Bromofluorobenzene
Concen: 44.928 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

Tgt Ion: 95 Resp: 120753
Ion Ratio Lower Upper
95 100
174 82.2 0.0 161.6
176 79.8 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

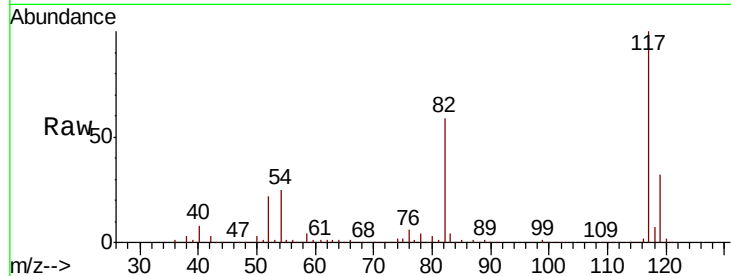




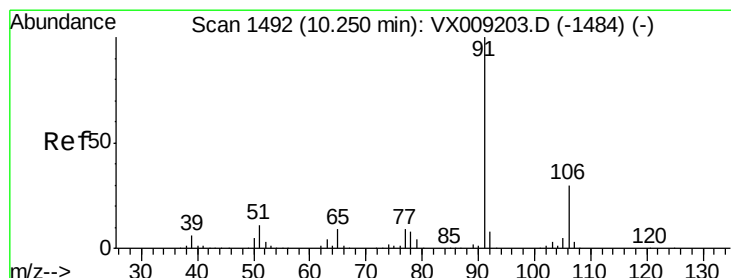
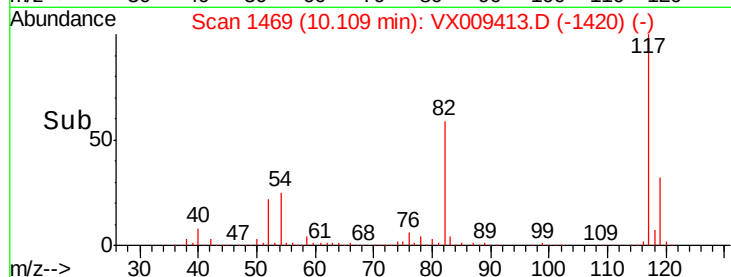
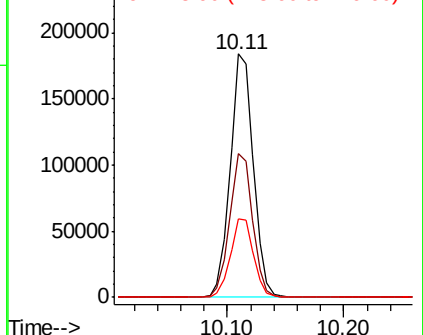
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
OWS-2

Tot Ion:117 Resp: 254439
Ion Ratio Lower Upper
117 100
82 59.1 48.8 73.2
119 32.0 25.8 38.6

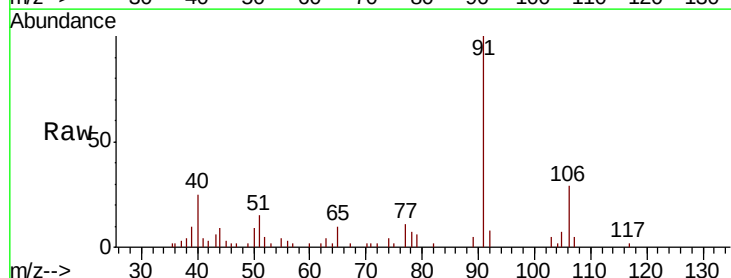


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

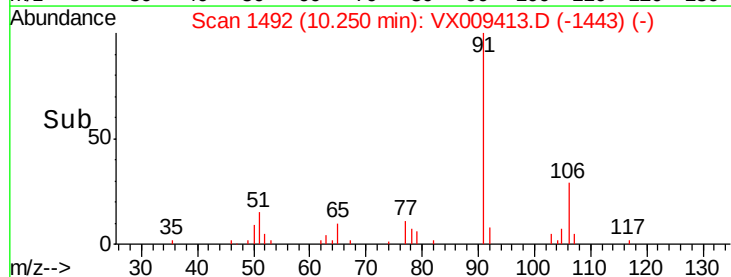
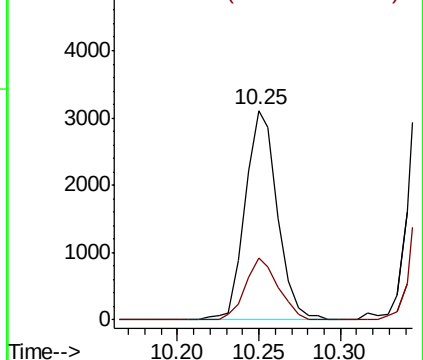


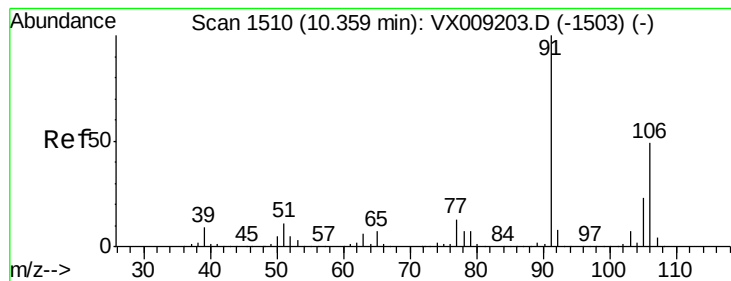
#67
Ethyl Benzene
Concen: 0.455 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

Tgt Ion: 91 Resp: 4265
Ion Ratio Lower Upper
91 100
106 29.5 24.0 36.0



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





#68

m/p-Xylenes

Concen: 1.461 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampled :

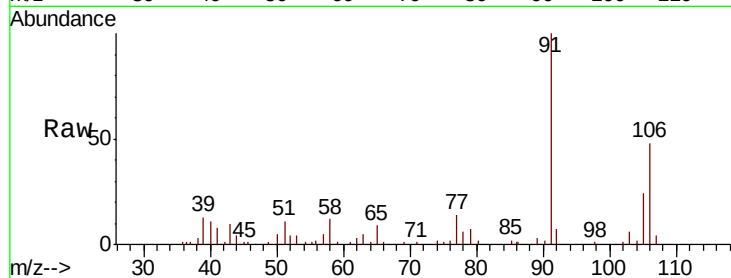
OWS-2

Tot Ion:106 Resp: 5001

Ion Ratio Lower Upper

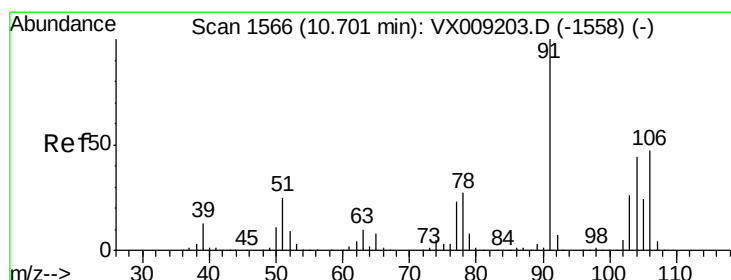
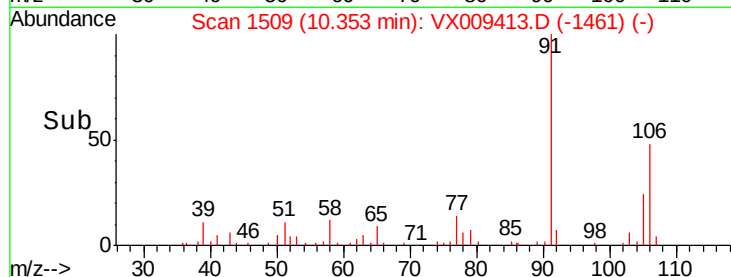
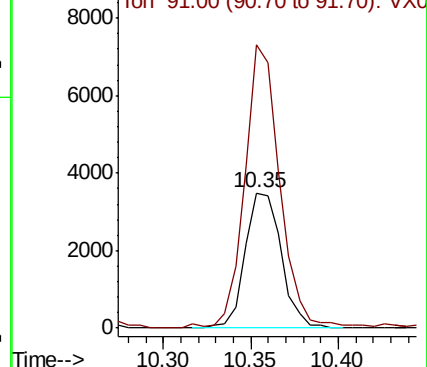
106 100

91 203.9 164.0 246.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.879 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX009413.D

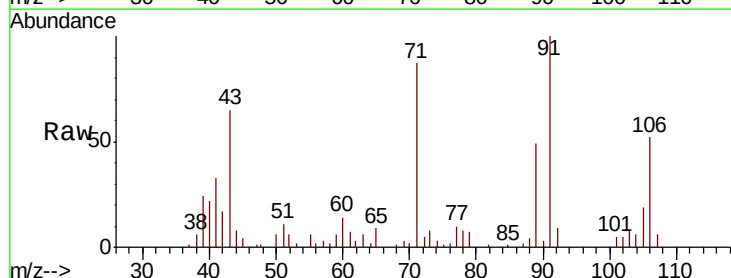
Acq: 08 May 2019 21:02

Tgt Ion:106 Resp: 2969

Ion Ratio Lower Upper

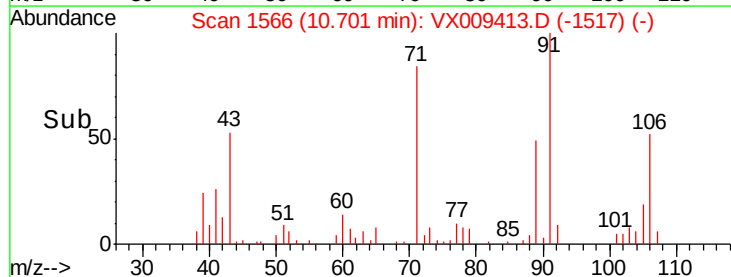
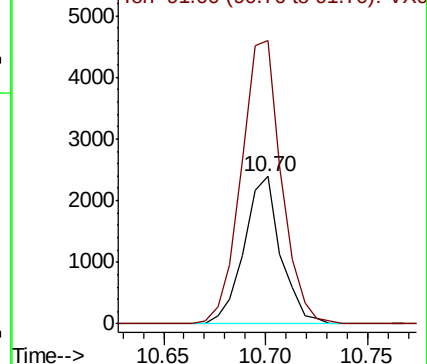
106 100

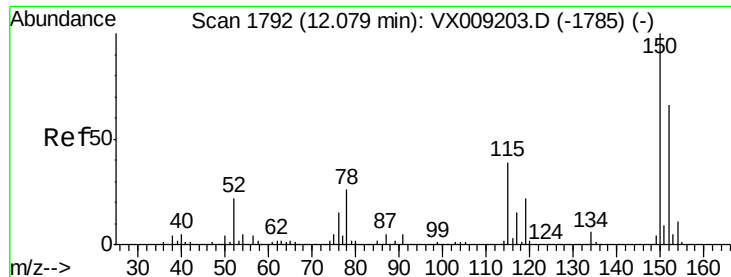
91 211.2 109.5 328.4



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



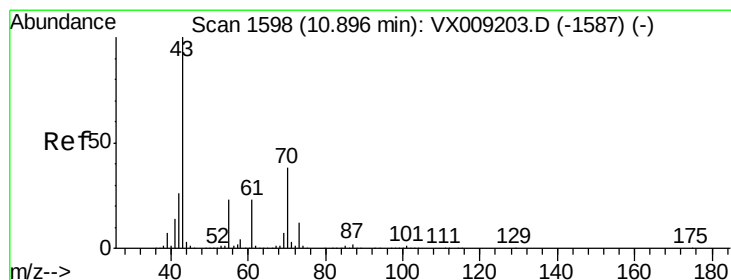
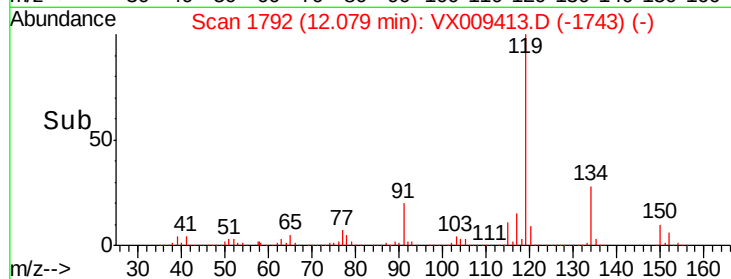
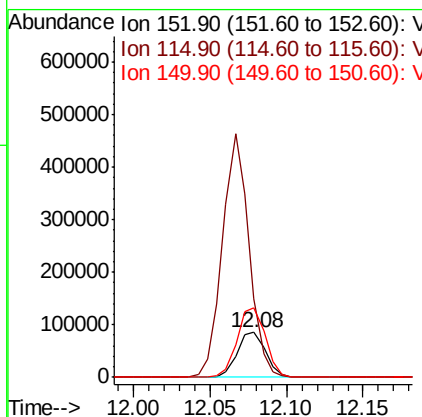
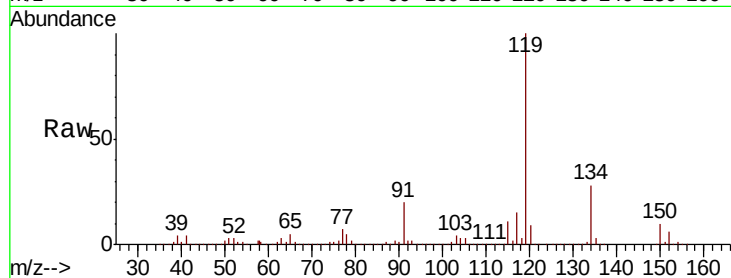


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

Instrument :
MSVOA_X
ClientSampleId :
OWS-2

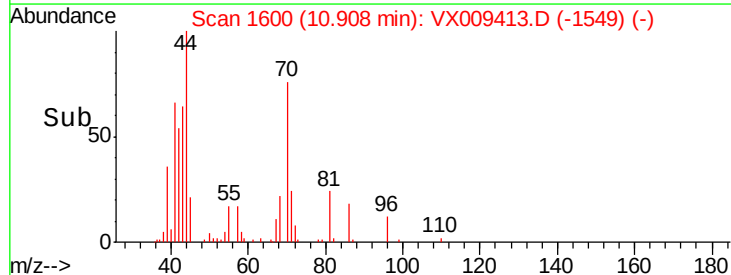
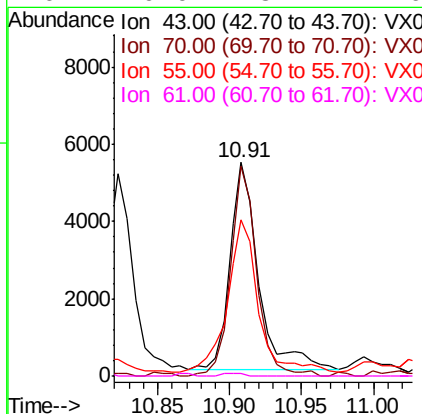
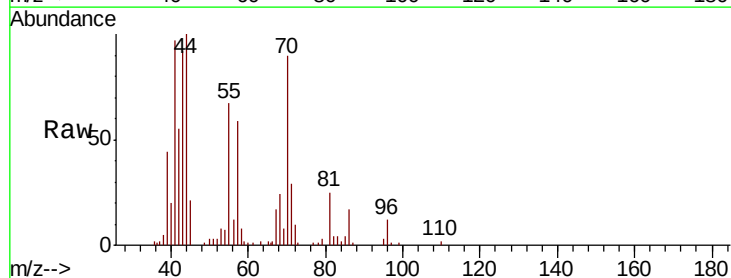
Tot Ion	Ratio	Lower	Upper
152	100		
115	508.0	41.2	123.6#
150	155.0	0.0	346.4

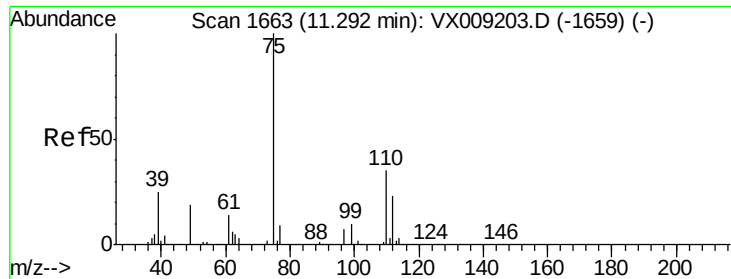


#74

N-ethyl acetate
Concen: 1.595 ug/l
RT: 10.91 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

Tgt Ion	Ratio	Lower	Upper
43	100		
70	93.0	30.0	45.0#
55	80.0	17.9	26.9#
61	0.0	18.4	27.6#





#76

1,2,3-Trichloropropane

Concen: 23.393 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampled :

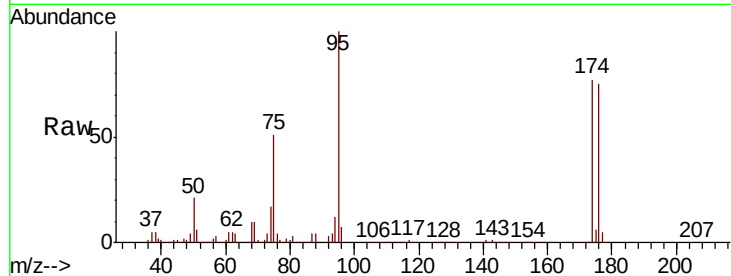
OWS-2

Tot Ion: 75 Resp: 59885

Ion Ratio Lower Upper

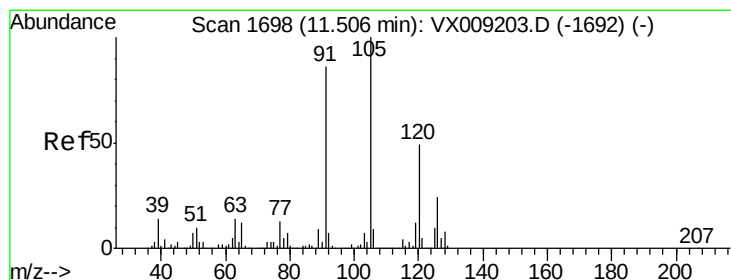
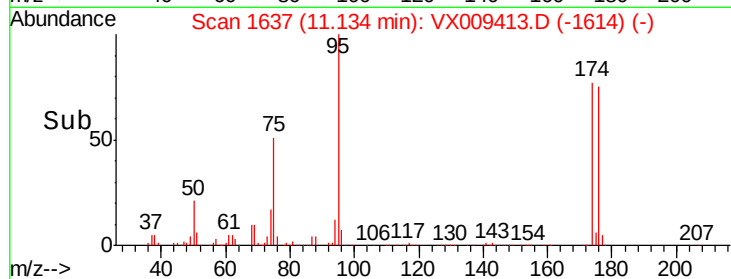
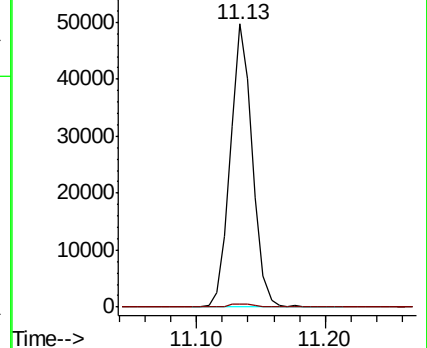
75 100

77 1.5 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#80

1,3,5-Trimethylbenzene

Concen: 0.405 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009413.D

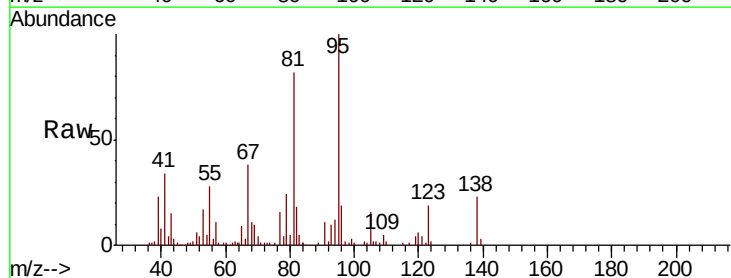
Acq: 08 May 2019 21:02

Tgt Ion:105 Resp: 2737

Ion Ratio Lower Upper

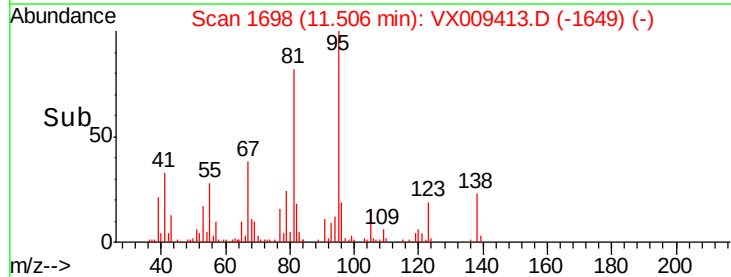
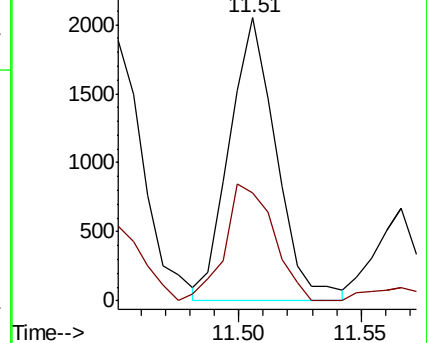
105 100

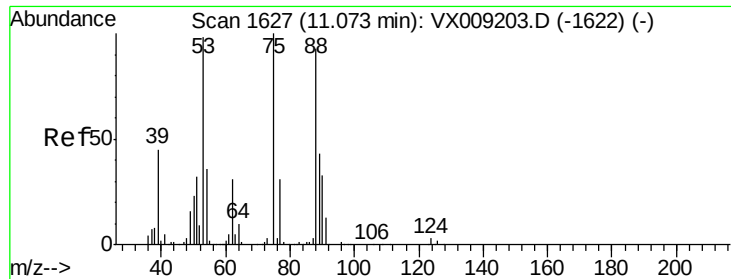
120 42.9 24.3 72.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 59.855 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampleId :

OWS-2

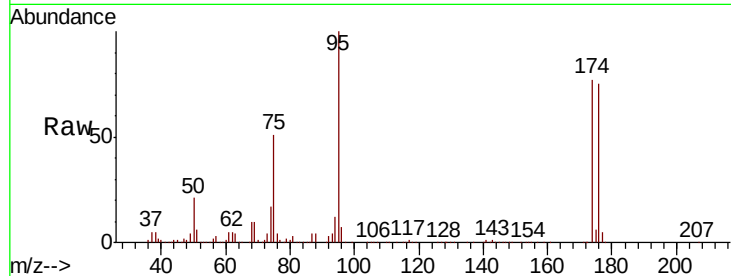
Tot Ion: 75 Resp: 59885

Ion Ratio Lower Upper

75 100

53 0.5 79.0 118.6#

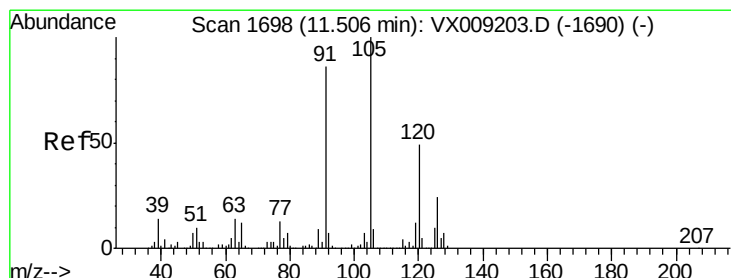
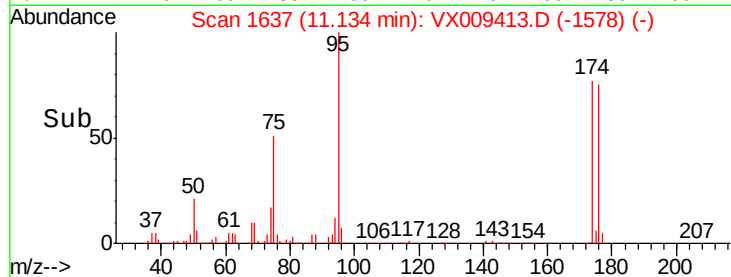
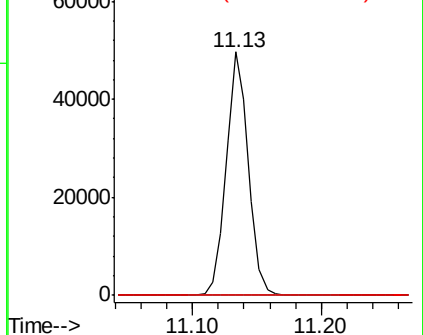
89 0.0 34.7 52.1#



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



#82

4-Chlorotoluene

Concen: 0.482 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.01 min

Lab File: VX009413.D

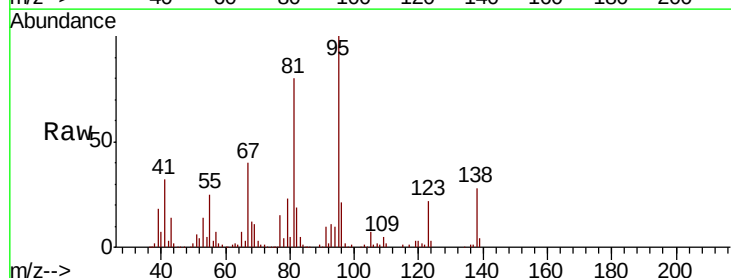
Acq: 08 May 2019 21:02

Tgt Ion: 91 Resp: 3077

Ion Ratio Lower Upper

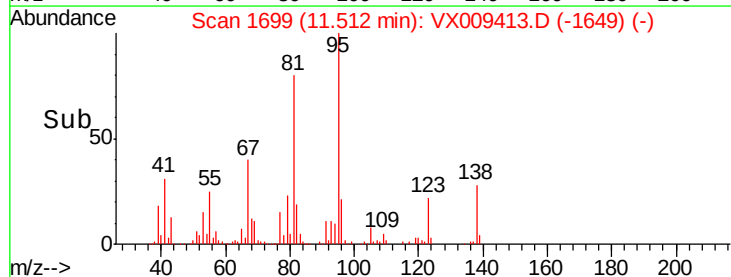
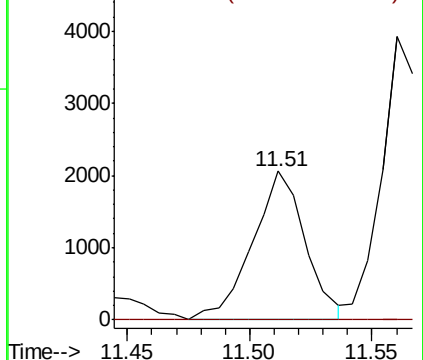
91 100

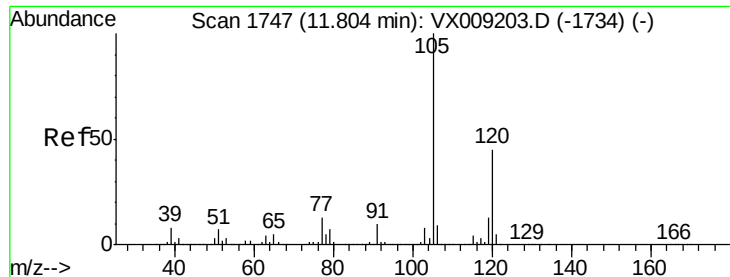
126 0.0 14.5 43.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#84

1,2,4-Trimethylbenzene

Concen: 1.398 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampled :

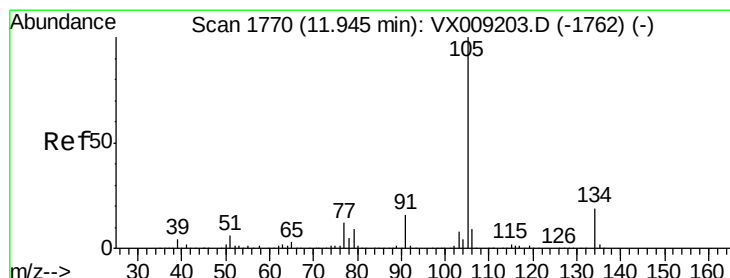
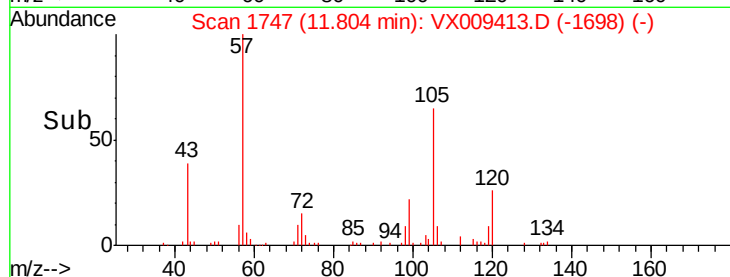
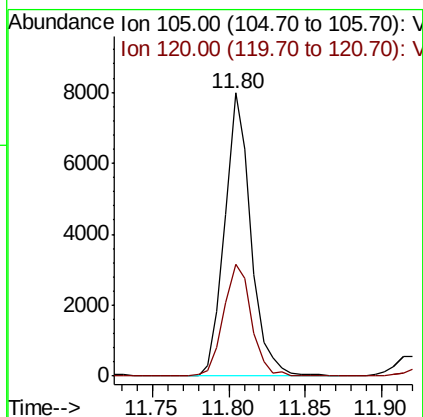
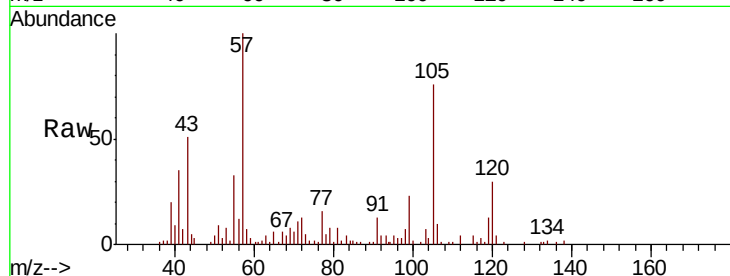
OVS-2

Tot Ion:105 Resp: 9480

Ion Ratio Lower Upper

105 100

120 0.0 22.0 66.0#



#85

sec-Butylbenzene

Concen: 30.540 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.12 min

Lab File: VX009413.D

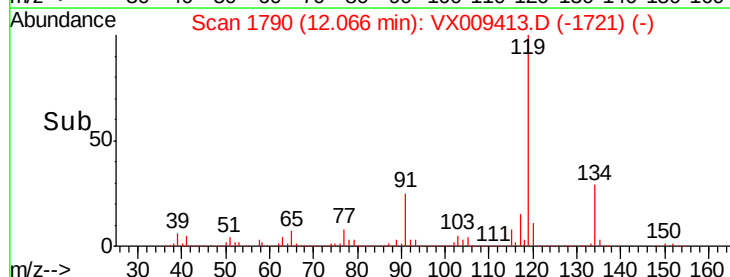
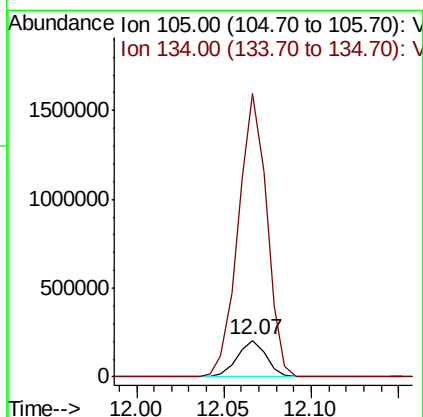
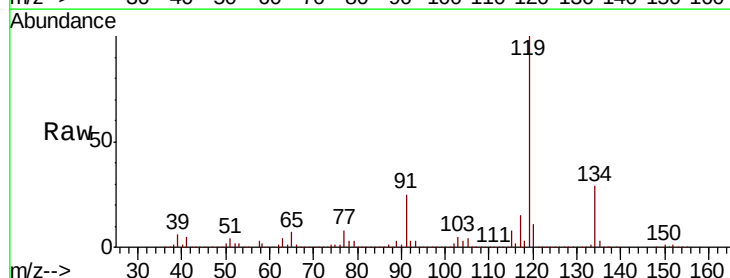
Acq: 08 May 2019 21:02

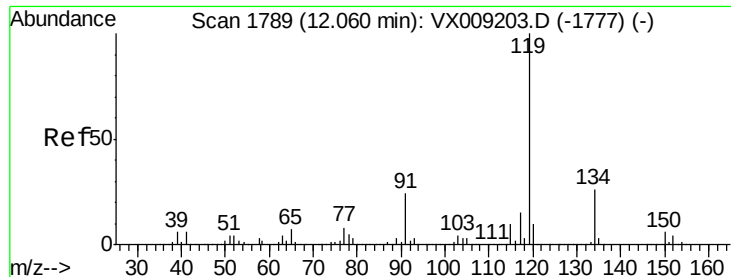
Tgt Ion:105 Resp: 238004

Ion Ratio Lower Upper

105 100

134 760.6 9.7 28.9#

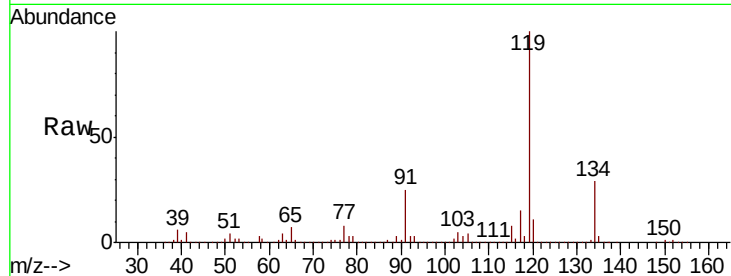




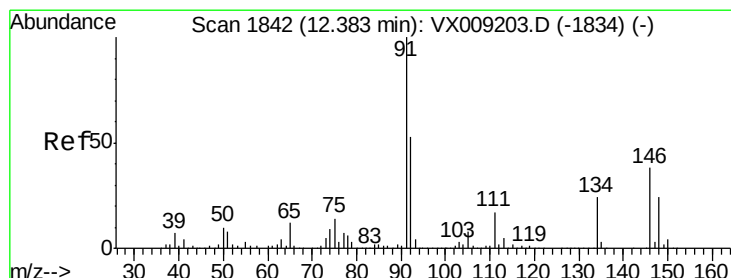
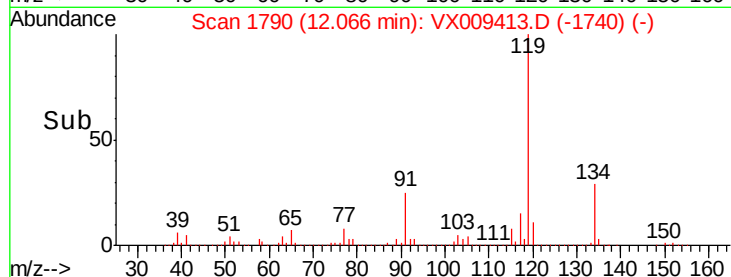
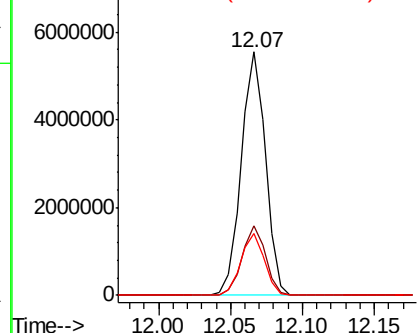
#86
p-Isopropyltoluene
Concen: 931.957 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. 0.01 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

Instrument :
MSVOA_X
ClientSampled :
OWS-2

Tot Ion:119 Resp: 6529313
Ion Ratio Lower Upper
119 100
134 27.7 12.9 38.7
91 24.6 11.8 35.4

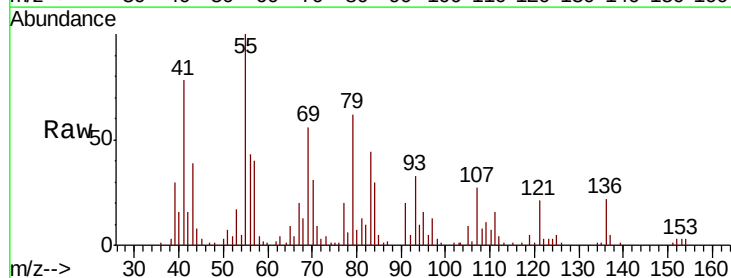


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 134.00 (133.70 to 134.70): V
Ion 91.00 (90.70 to 91.70): VX0

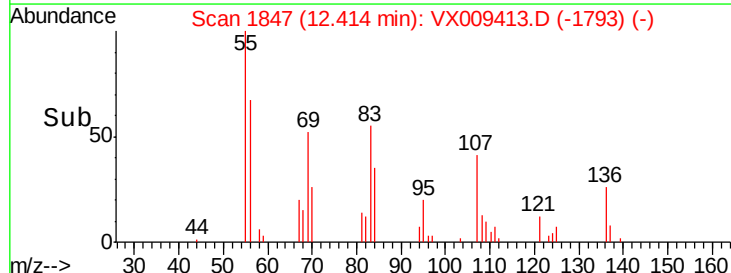
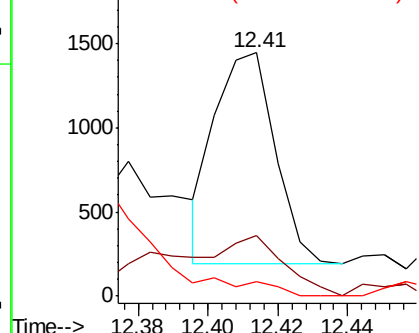


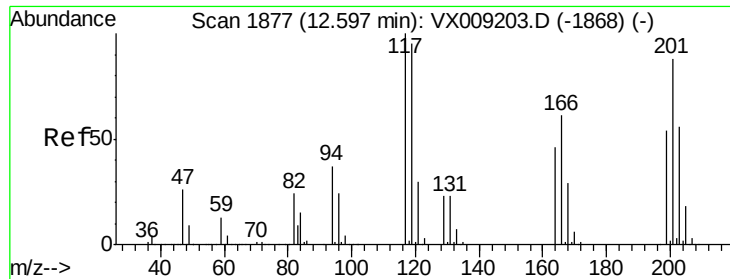
#89
n-Butylbenzene
Concen: 0.235 ug/l
RT: 12.41 min Scan# 1847
Delta R.T. 0.03 min
Lab File: VX009413.D
Acq: 08 May 2019 21:02

Tgt Ion: 91 Resp: 1486
Ion Ratio Lower Upper
91 100
92 64.1 26.5 79.5
134 0.0 12.4 37.2#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 0.391 ug/l

RT: 12.58 min Scan# 1874

Delta R.T. -0.02 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

Instrument :

MSVOA_X

ClientSampled :

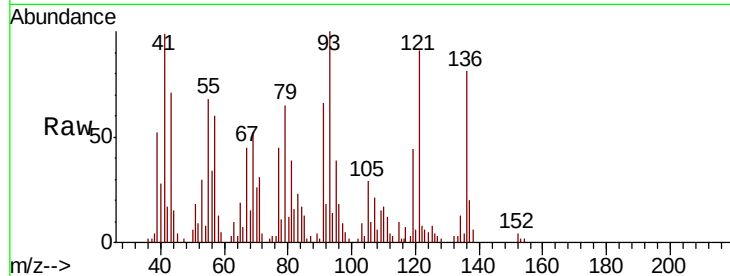
OVS-2

Tot Ion:117 Resp: 467

Ion Ratio Lower Upper

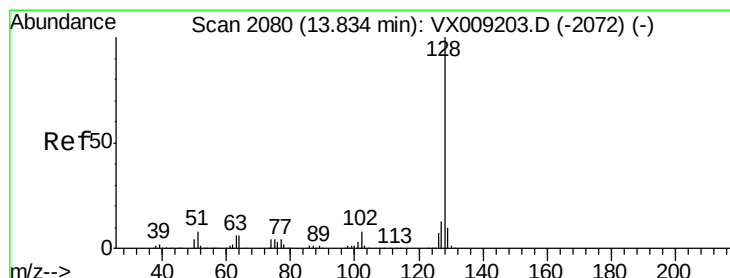
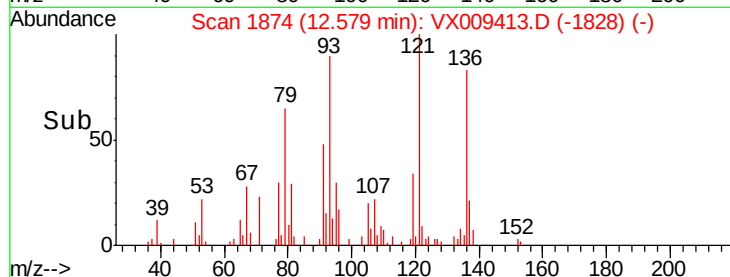
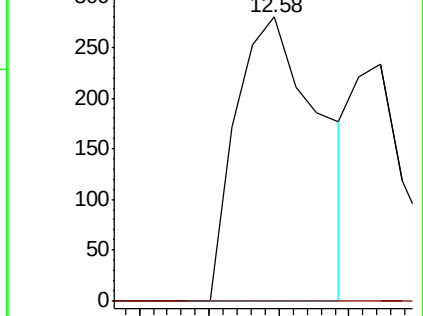
117 100

201 0.0 42.3 126.9#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#95

Naphthalene

Concen: 1.416 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009413.D

Acq: 08 May 2019 21:02

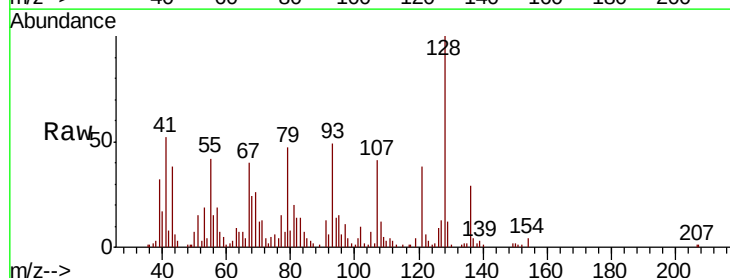
Tgt Ion:128 Resp: 11391

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 12.6 8.6 13.0



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

