

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
 Data File : VX009914.D
 Acq On : 28 May 2019 14:59
 Operator : JC/SP
 Sample : K3000-01DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0154DL

Quant Time: May 29 04:10:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	171686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	274580	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	253823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	113341	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	116365	47.98	ug/l	0.00
Spiked Amount			Recovery	=	95.96%	
35) Dibromofluoromethane	5.49	113	83860	48.58	ug/l	0.00
Spiked Amount			Recovery	=	97.16%	
50) Toluene-d8	8.71	98	355014	50.64	ug/l	0.00
Spiked Amount			Recovery	=	101.28%	
62) 4-Bromofluorobenzene	11.13	95	123831	49.18	ug/l	0.00
Spiked Amount			Recovery	=	98.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.32	50	773	0.274	ug/l #	53
4) Vinyl Chloride	1.41	62	637	0.251	ug/l #	78
5) Bromomethane	1.64	94	1062	0.689	ug/l	100
6) Chloroethane	1.70	64	344	0.220	ug/l #	33
10) Methyl Iodide	2.50	142	770	4.989	ug/l #	87
11) Tert butyl alcohol	3.01	59	3309	5.544	ug/l #	82
13) Acrolein	2.30	56	344	21.841	ug/l #	37
15) Acrylonitrile	3.16	53	614	0.427	ug/l #	73
16) Acetone	2.45	43	1251	0.893	ug/l	90
17) Carbon Disulfide	2.56	76	1926	0.748	ug/l #	87
18) Methyl Acetate	2.78	43	733	0.225	ug/l	93
20) Methylene Chloride	2.85	84	637	0.297	ug/l	84
21) trans-1,2-Dichloroethene	3.16	96	1000	0.517	ug/l	95
27) cis-1,2-Dichloroethene	4.59	96	773	0.346	ug/l	88
29) Tetrahydrofuran	5.15	42	1602	1.144	ug/l #	85
31) Cyclohexane	5.57	56	2022	0.548	ug/l #	80
36) 1,1-Dichloropropene	5.66	75	13793	4.951	ug/l #	51
38) Carbon Tetrachloride	5.66	117	16231	6.742	ug/l #	15
39) Methylcyclohexane	7.47	83	919	0.278	ug/l #	66
40) Benzene	6.14	78	54403	6.583	ug/l	99
44) Trichloroethene	7.21	130	1220	0.608	ug/l	79
65) Chlorobenzene	10.13	112	358829	67.528	ug/l	100
67) Ethyl Benzene	10.25	91	24289	2.546	ug/l	97
68) m/p-Xylenes	10.36	106	1035	0.294	ug/l	97
73) Isopropylbenzene	11.02	105	4111	0.492	ug/l	100
76) 1,2,3-Trichloropropane	11.13	75	63701	23.503	ug/l #	34
78) n-propylbenzene	11.36	91	3926	0.407	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.13	75	63701	58.150	ug/l #	10
87) 1,3-Dichlorobenzene	12.02	146	1751	0.461	ug/l	95
88) 1,4-Dichlorobenzene	12.02	146	1751	0.453	ug/l	94
90) Hexachloroethane	12.69	117	583	0.471	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.65	180	623	0.233	ug/l	81
94) Hexachlorobutadiene	13.79	225	269	0.201	ug/l	89
95) Naphthalene	13.83	128	5244	0.630	ug/l	95

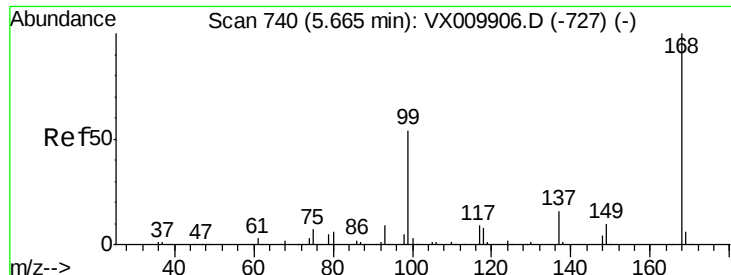
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052819\
Data File : VX009914.D
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	593	0.222	ug/l	90

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

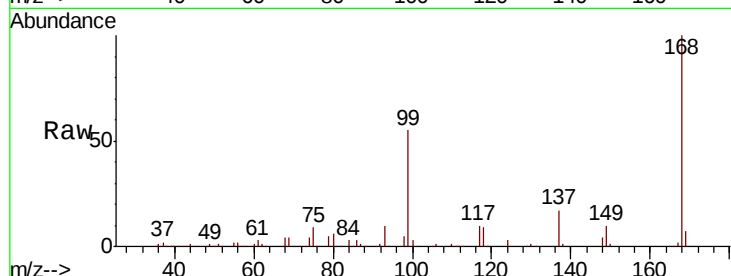
S36-0154DL

Tot Ion:168 Resp: 171686

Ion Ratio Lower Upper

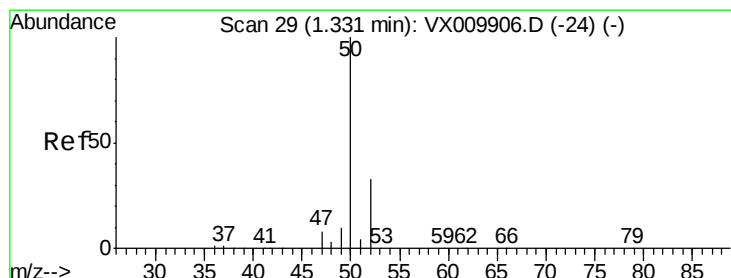
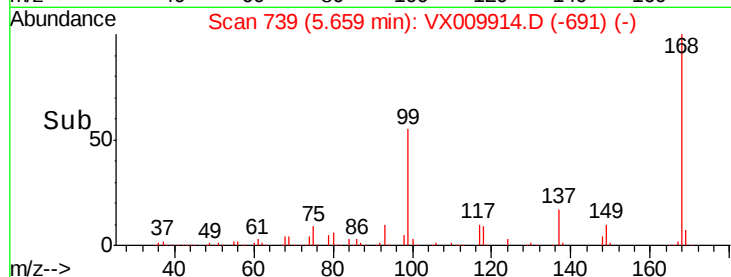
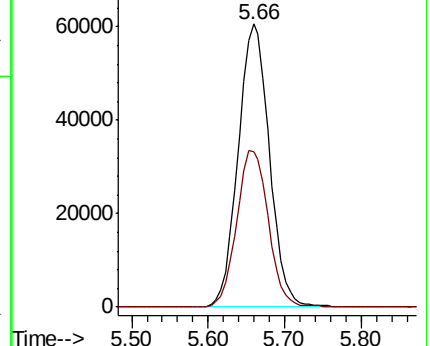
168 100

99 55.0 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.274 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.01 min

Lab File: VX009914.D

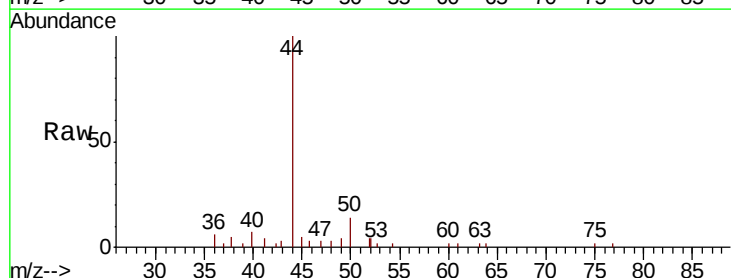
Acq: 28 May 2019 14:59

Tgt Ion: 50 Resp: 773

Ion Ratio Lower Upper

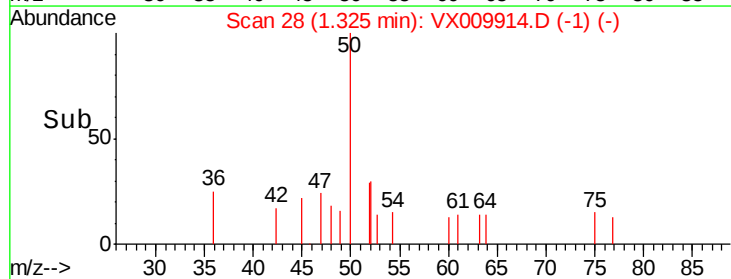
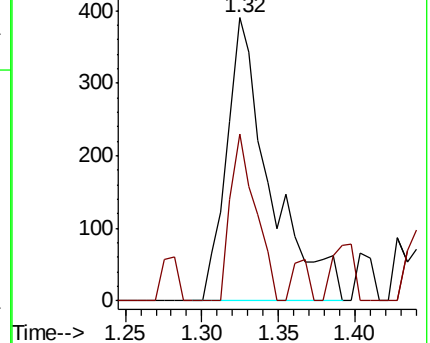
50 100

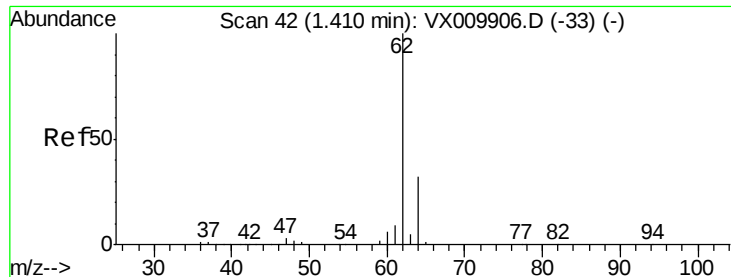
52 59.0 26.0 39.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#4

Vinyl Chloride

Concen: 0.251 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

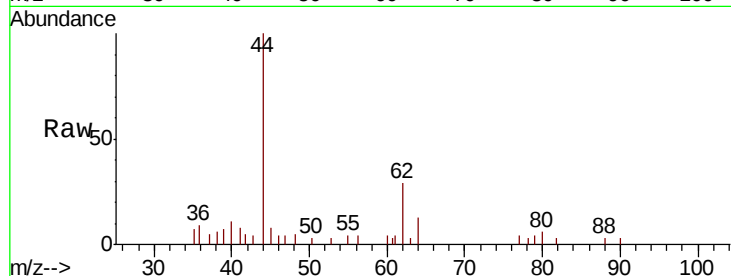
S36-0154DL

Tot Ion: 62 Resp: 637

Ion Ratio Lower Upper

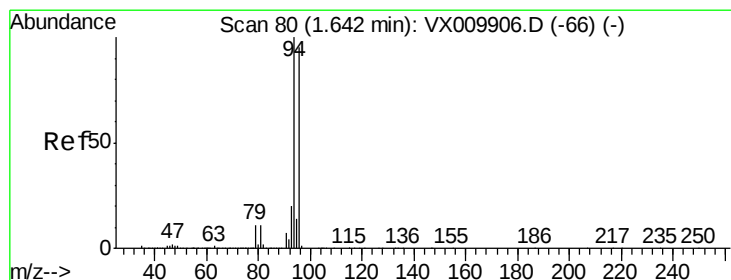
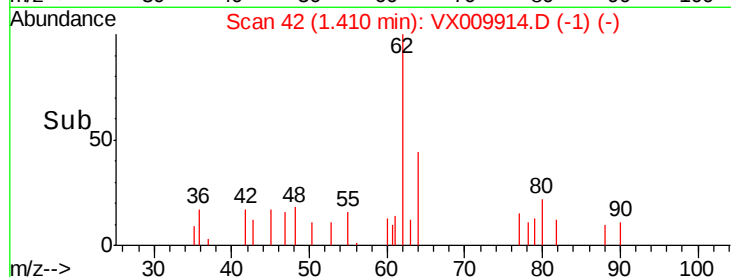
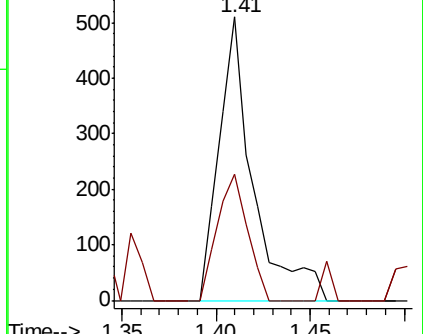
62 100

64 44.3 25.7 38.5#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: 0.689 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX009914.D

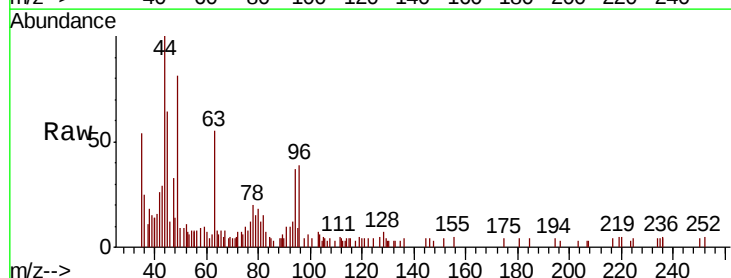
Acq: 28 May 2019 14:59

Tgt Ion: 94 Resp: 1062

Ion Ratio Lower Upper

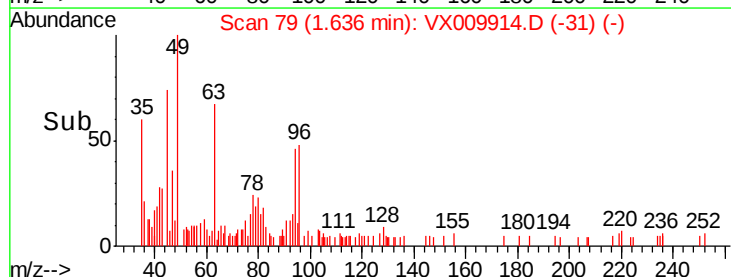
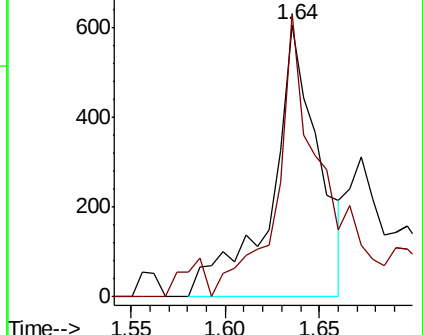
94 100

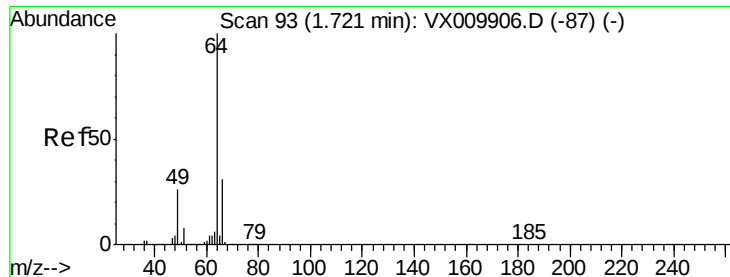
96 95.1 76.2 114.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.220 ug/l

RT: 1.70 min Scan# 90

Delta R.T. -0.02 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

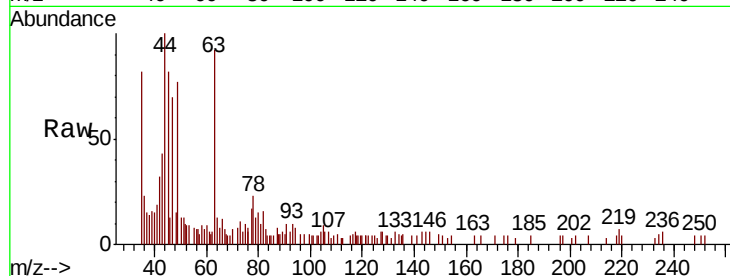
S36-0154DL

Tot Ion: 64 Resp: 344

Ion Ratio Lower Upper

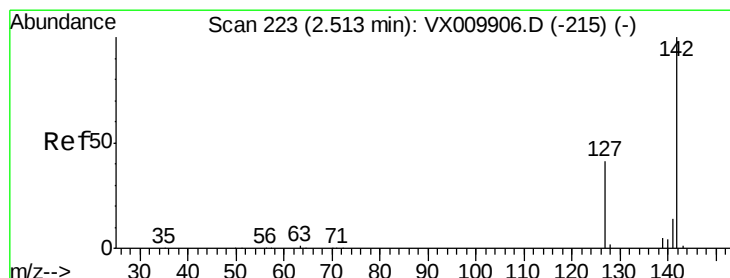
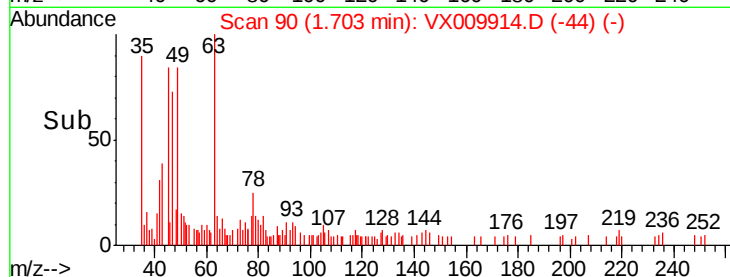
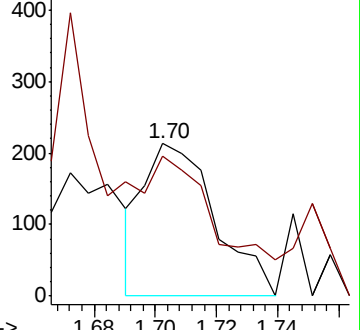
64 100

66 68.5 25.1 37.7#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 4.989 ug/l

RT: 2.50 min Scan# 221

Delta R.T. -0.01 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

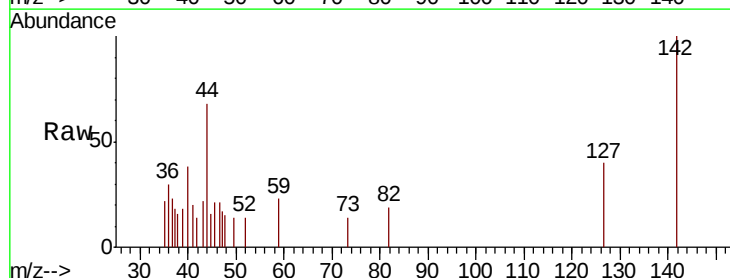
Tgt Ion: 142 Resp: 770

Ion Ratio Lower Upper

142 100

127 45.8 33.0 49.4

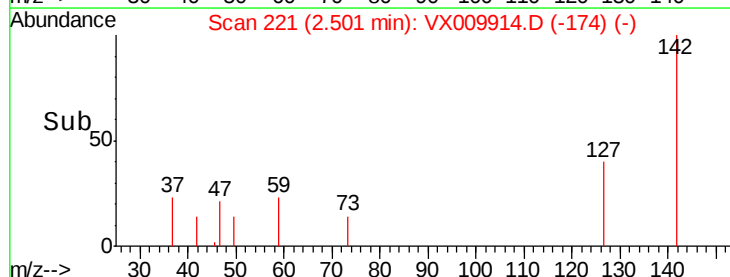
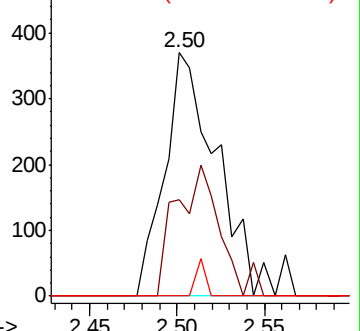
141 2.7 11.4 17.0#

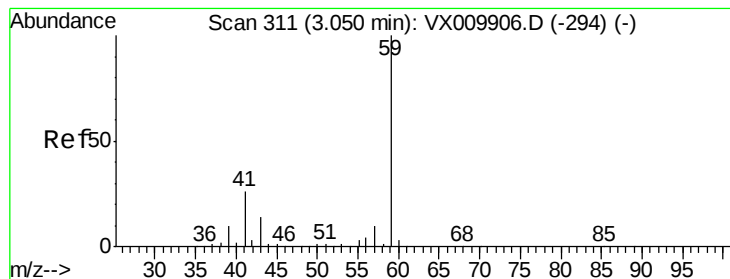


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



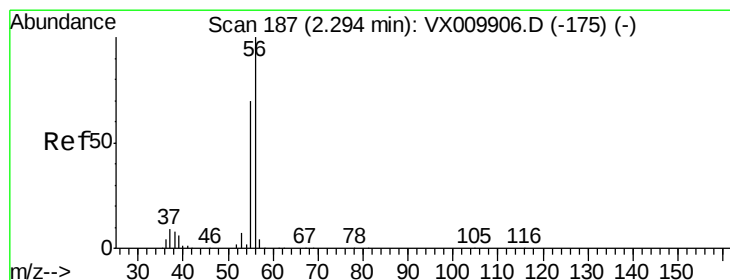
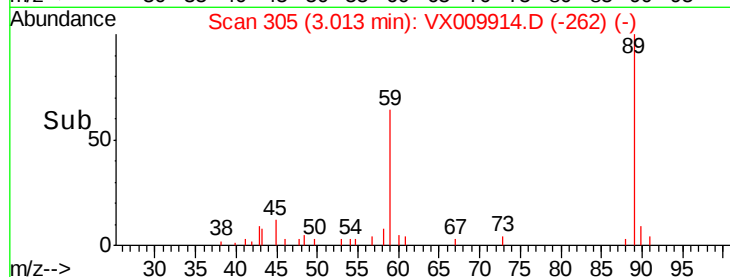
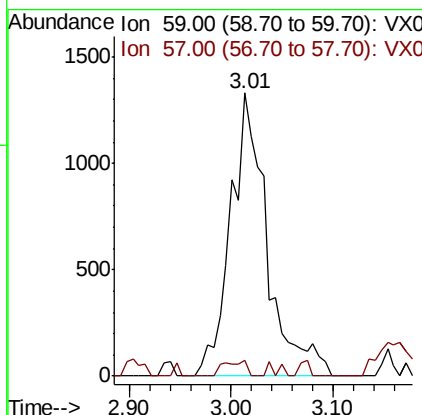
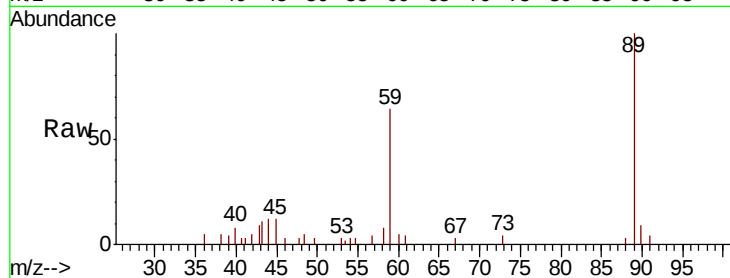


#11

Tert butyl alcohol
 Concen: 5.544 ug/l
 RT: 3.01 min Scan# 305
 Delta R.T. -0.04 min
 Lab File: VX009914.D
 Acq: 28 May 2019 14:59

Instrument :
 MSVOA_X
 ClientSampled :
 S36-0154DL

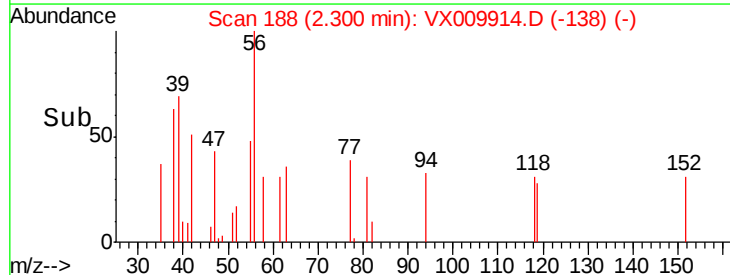
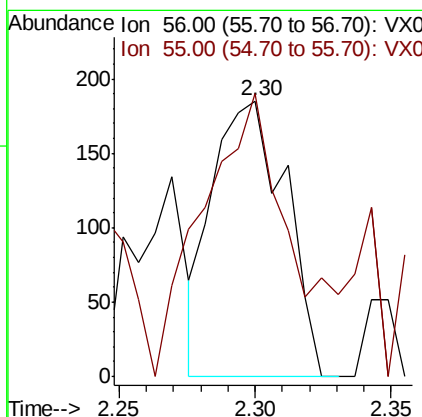
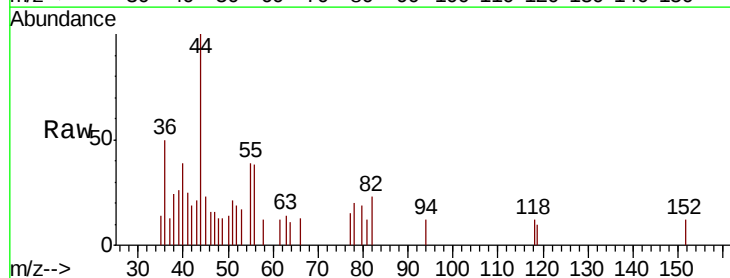
Tot Ion: 59 Resp: 3309
 Ion Ratio Lower Upper
 59 100
 57 3.4 8.2 12.2#

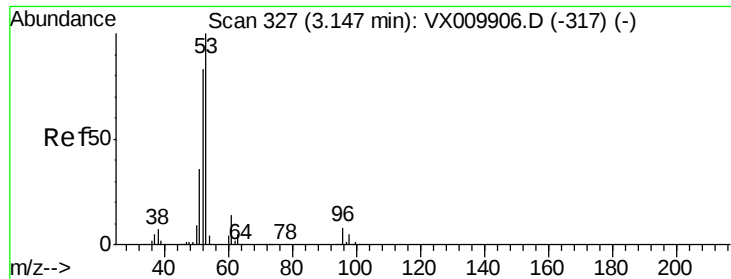


#13

Acrolein
 Concen: 21.841 ug/l
 RT: 2.30 min Scan# 188
 Delta R.T. 0.01 min
 Lab File: VX009914.D
 Acq: 28 May 2019 14:59

Tgt Ion: 56 Resp: 344
 Ion Ratio Lower Upper
 56 100
 55 123.3 57.0 85.4#





#15

Acrylonitrile

Concen: 0.427 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.01 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

S36-0154DL

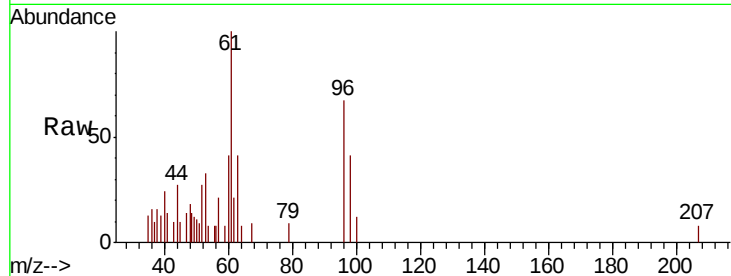
Tot Ion: 53 Resp: 614

Ion Ratio Lower Upper

53 100

52 52.1 66.7 100.1#

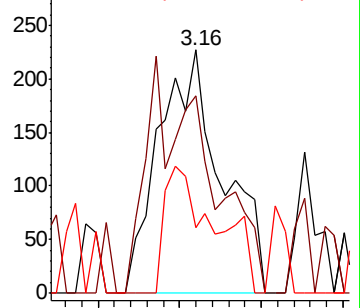
51 42.0 28.8 43.2



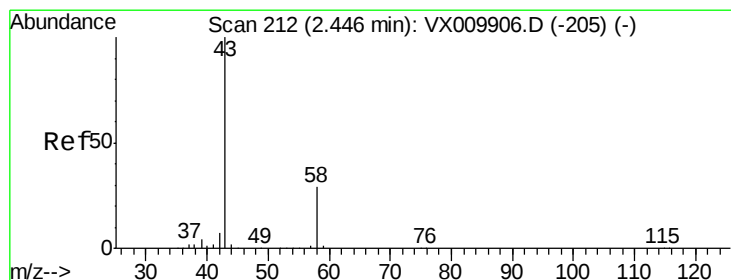
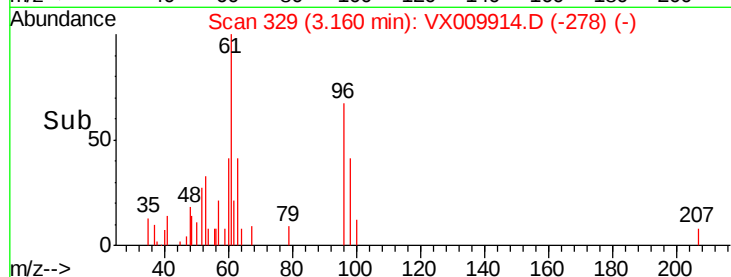
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 0.893 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009914.D

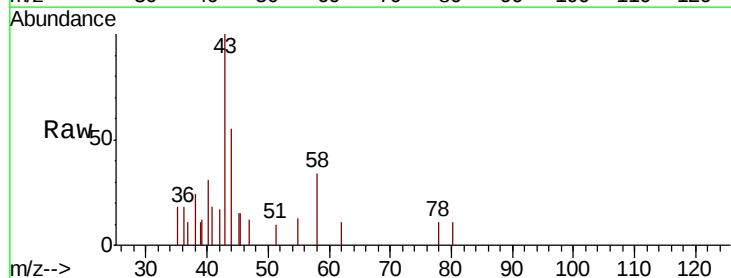
Acq: 28 May 2019 14:59

Tgt Ion: 43 Resp: 1251

Ion Ratio Lower Upper

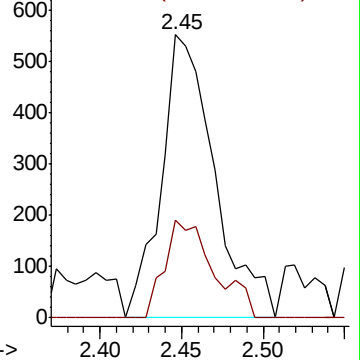
43 100

58 34.4 23.2 34.8

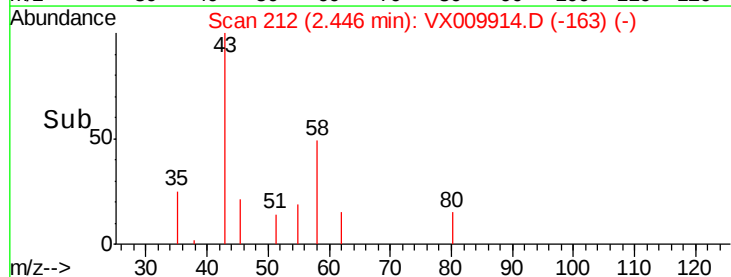


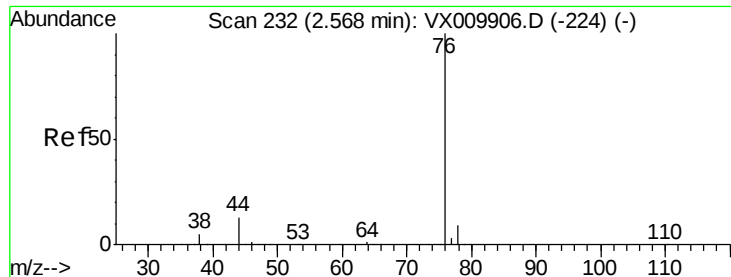
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#17

Carbon Disulfide

Concen: 0.748 ug/l

RT: 2.56 min Scan# 230

Delta R.T. -0.01 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

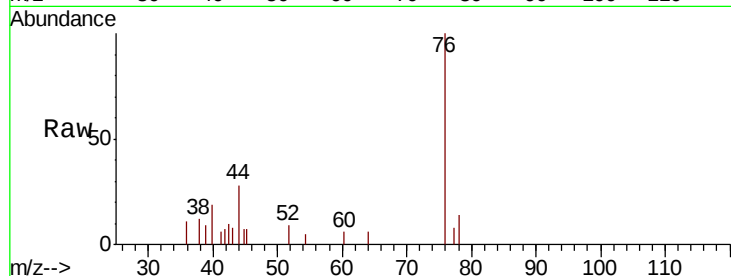
S36-0154DL

Tot Ion: 76 Resp: 1926

Ion Ratio Lower Upper

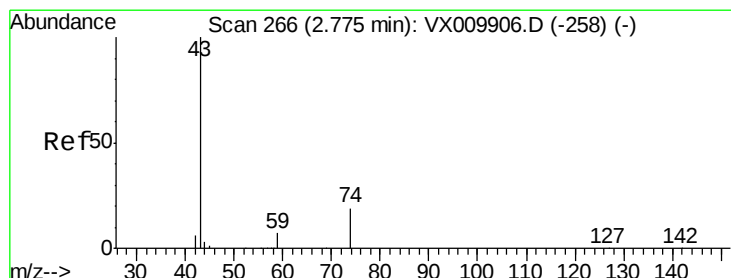
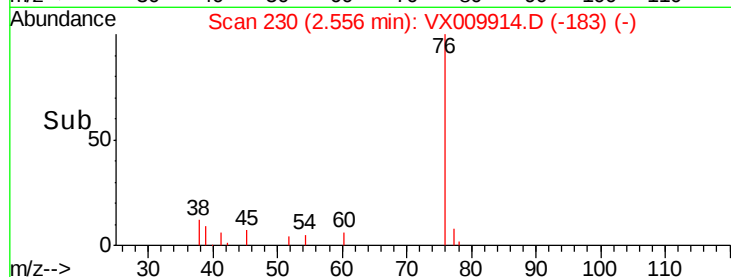
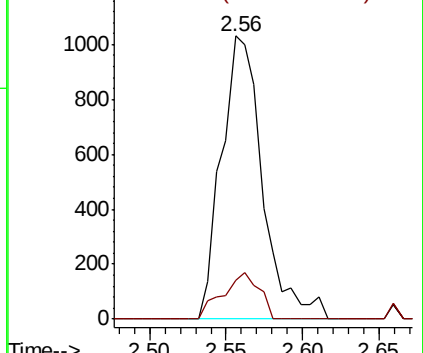
76 100

78 13.6 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.225 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX009914.D

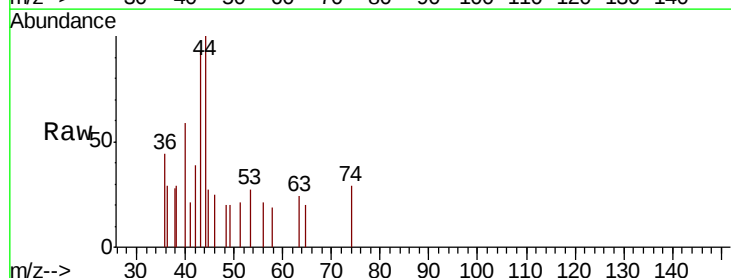
Acq: 28 May 2019 14:59

Tgt Ion: 43 Resp: 733

Ion Ratio Lower Upper

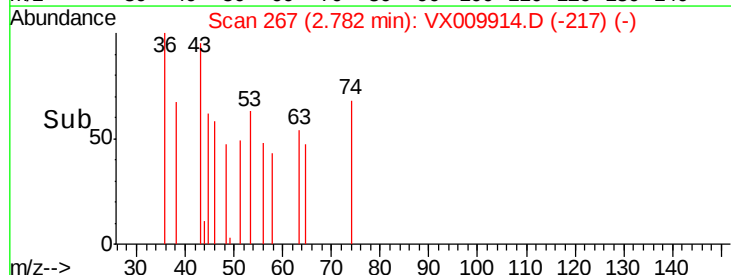
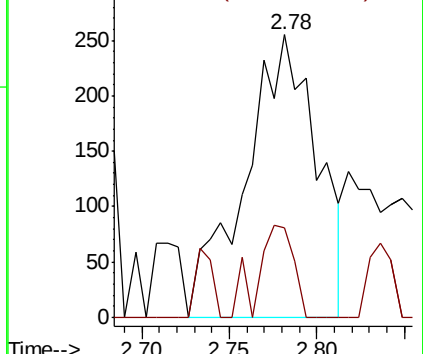
43 100

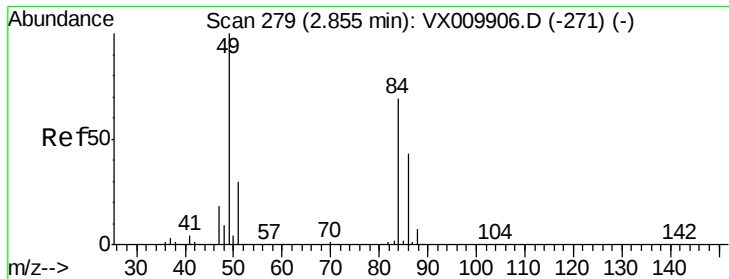
74 16.4 15.8 23.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methylene Chloride

Concen: 0.297 ug/l

RT: 2.85 min Scan# 278

Delta R.T. -0.01 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

S36-0154DL

Tot Ion: 84 Resp: 637

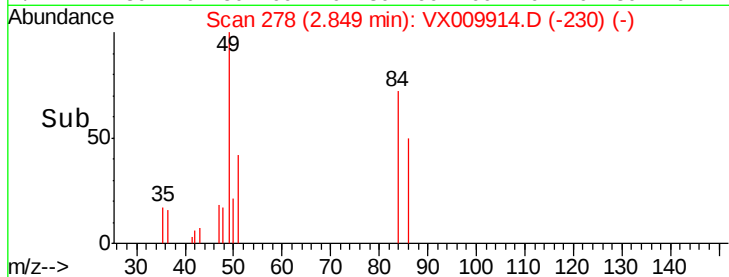
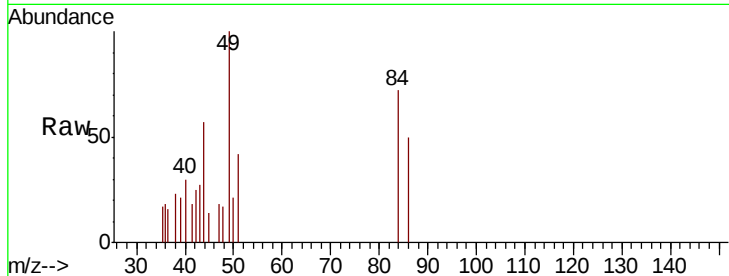
Ion Ratio Lower Upper

84 100

49 120.4 115.8 173.6

51 35.6 34.4 51.6

86 69.9 49.7 74.5

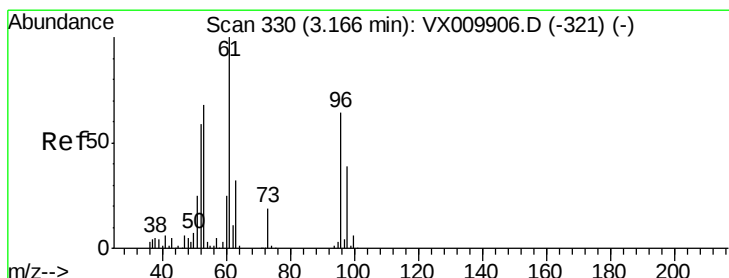
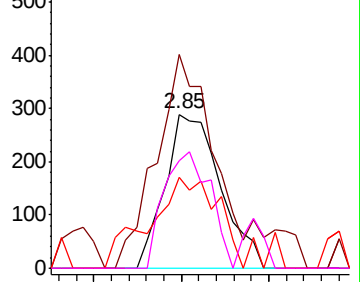


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 0.517 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

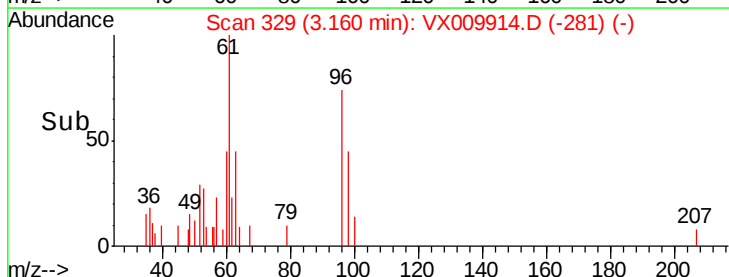
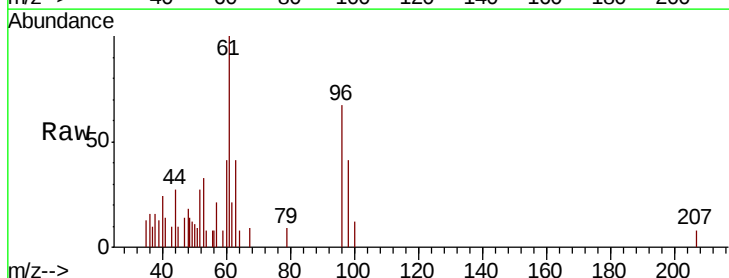
Tgt Ion: 96 Resp: 1000

Ion Ratio Lower Upper

96 100

61 148.4 125.7 188.5

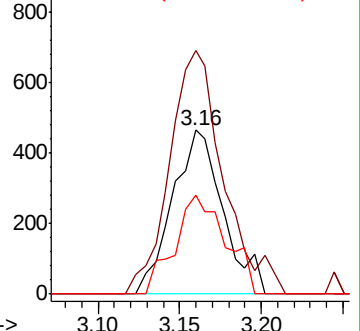
98 60.4 49.0 73.6

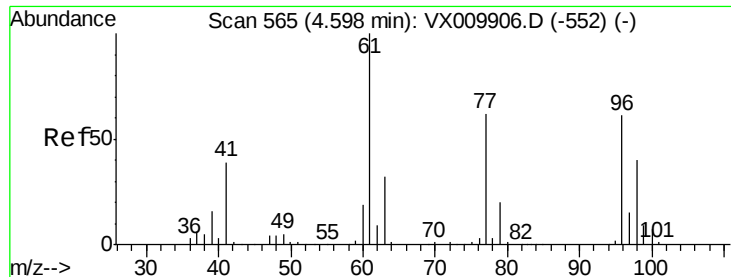


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



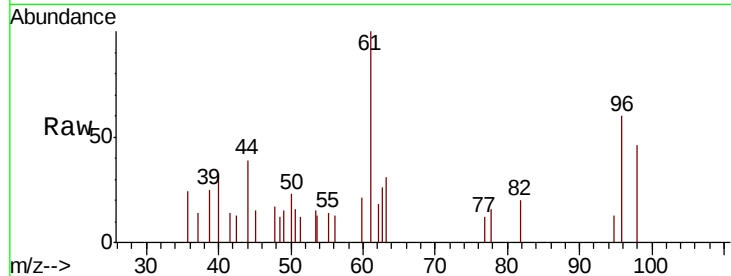


#27

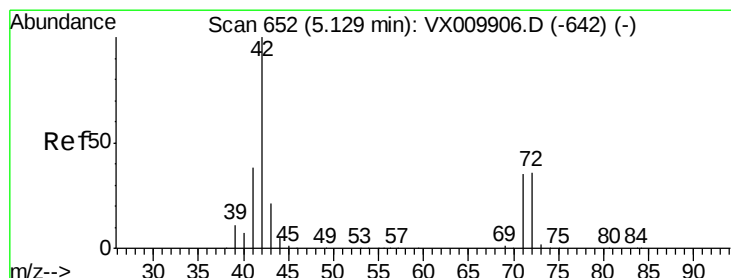
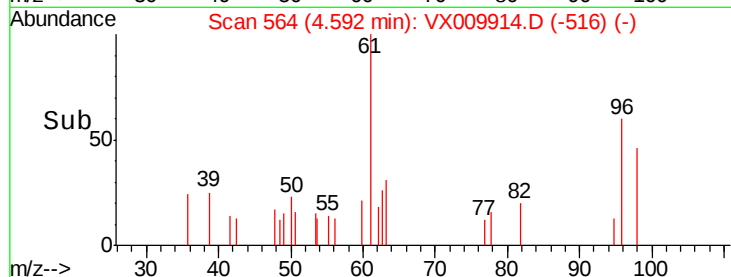
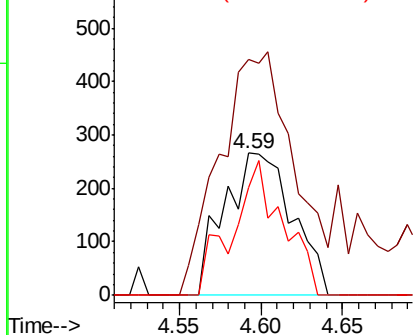
cis-1,2-Dichloroethene
Concen: 0.346 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX009914.D
Acq: 28 May 2019 14:59

Instrument :
MSVOA_X
ClientSampled :
S36-0154DL

Tot Ion: 96 Resp: 773
Ion Ratio Lower Upper
96 100
61 186.0 0.0 334.0
98 70.8 0.0 131.6



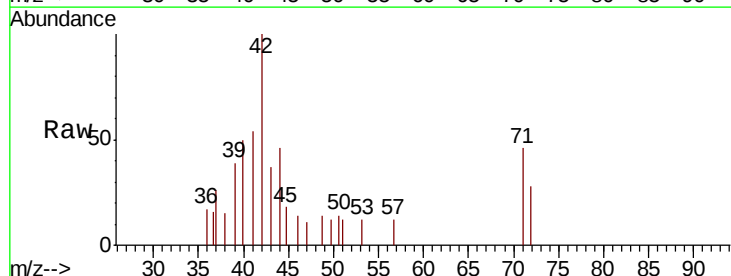
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



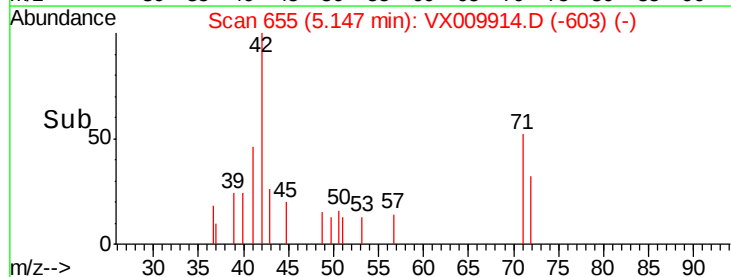
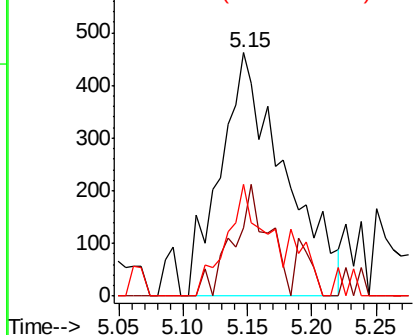
#29

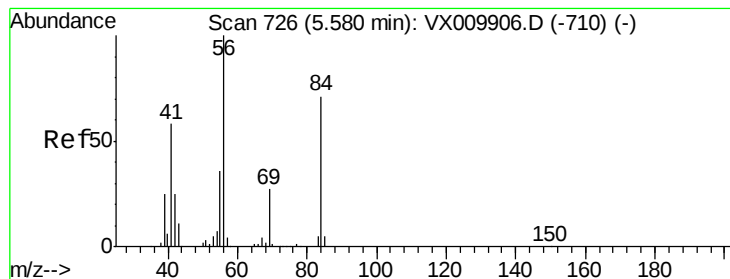
Tetrahydrofuran
Concen: 1.144 ug/l
RT: 5.15 min Scan# 655
Delta R.T. 0.02 min
Lab File: VX009914.D
Acq: 28 May 2019 14:59

Tgt Ion: 42 Resp: 1602
Ion Ratio Lower Upper
42 100
72 25.2 29.2 43.8#
71 28.0 27.6 41.4



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





#31

Cyclohexane

Concen: 0.548 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

S36-0154DL

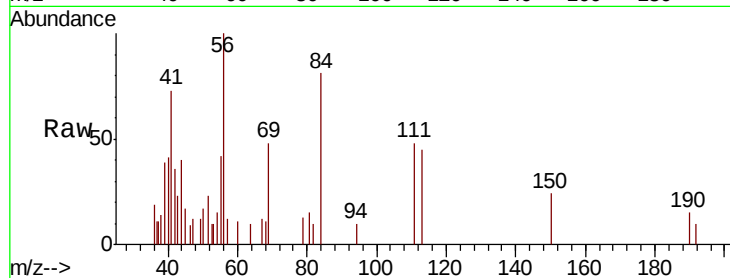
Tot Ion: 56 Resp: 2022

Ion Ratio Lower Upper

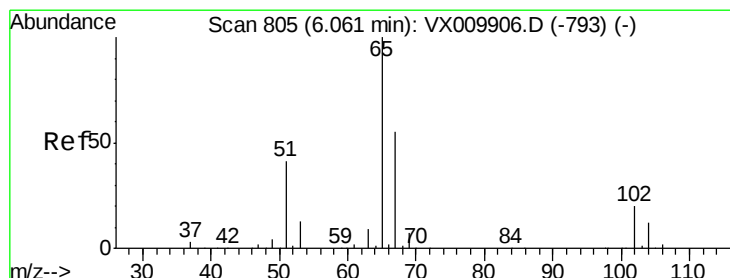
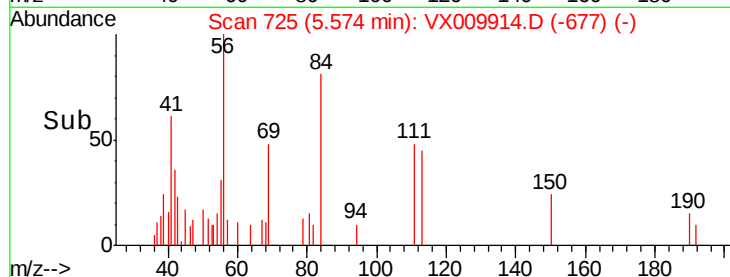
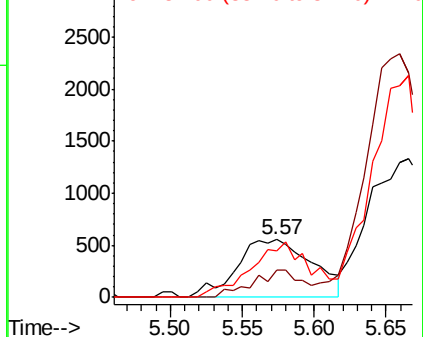
56 100

69 48.4 21.6 32.4#

84 81.2 56.8 85.2



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: 47.981 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009914.D

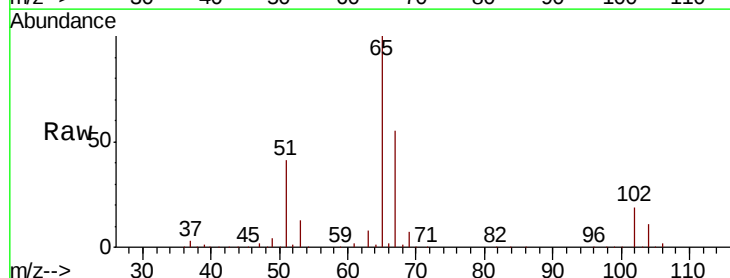
Acq: 28 May 2019 14:59

Tgt Ion: 65 Resp: 116365

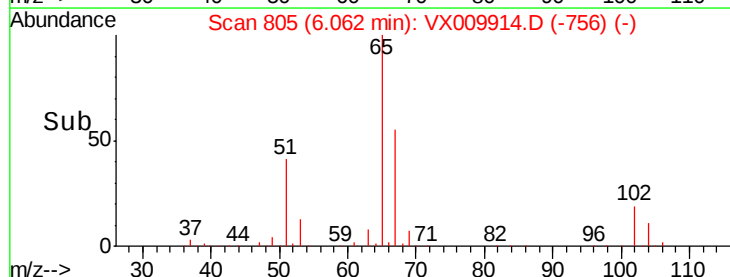
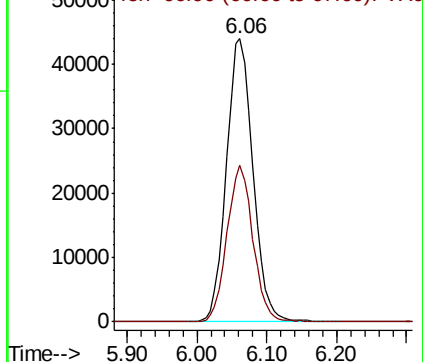
Ion Ratio Lower Upper

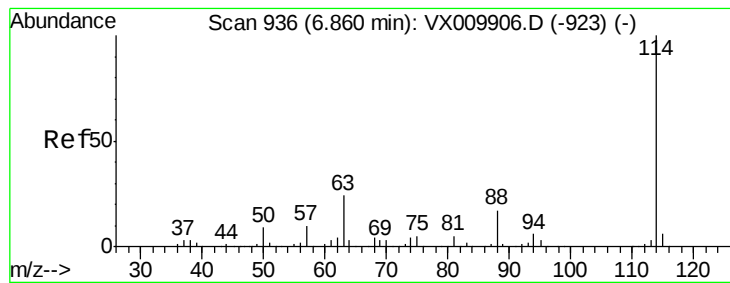
65 100

67 53.7 0.0 108.4



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: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

S36-0154DL

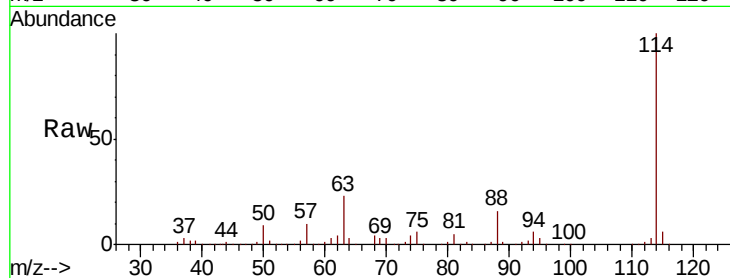
Tot Ion:114 Resp: 274580

Ion Ratio Lower Upper

114 100

63 23.5 0.0 47.4

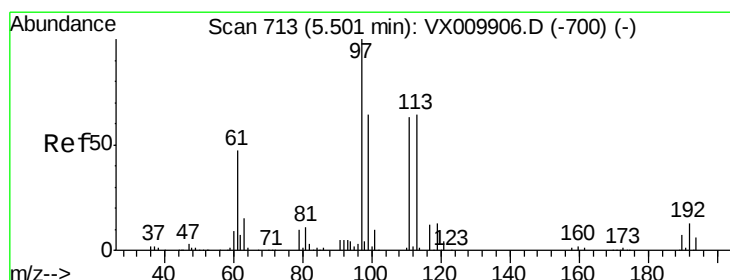
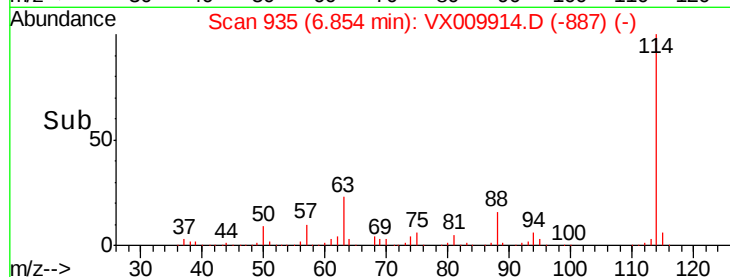
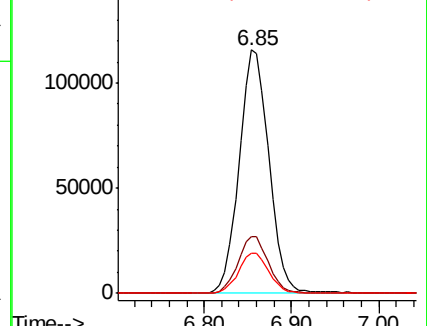
88 16.4 0.0 33.0



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: 48.578 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

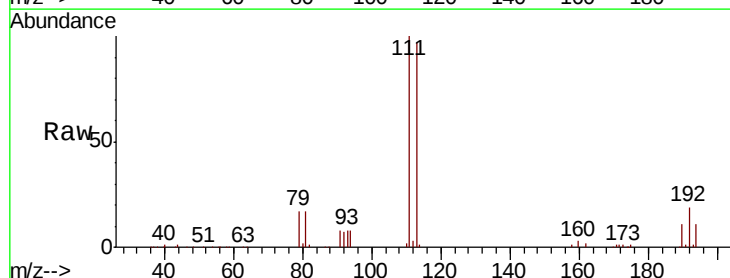
Tgt Ion:113 Resp: 83860

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

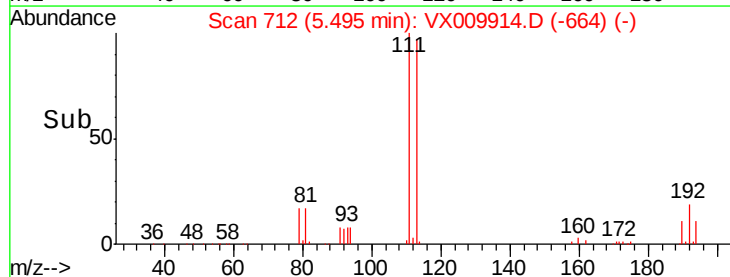
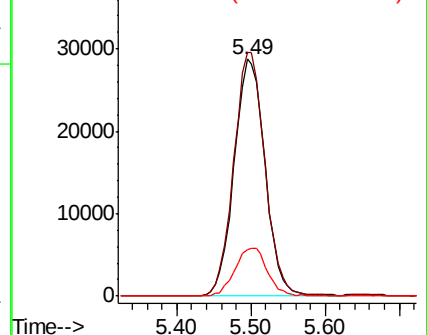
192 21.3 17.1 25.7

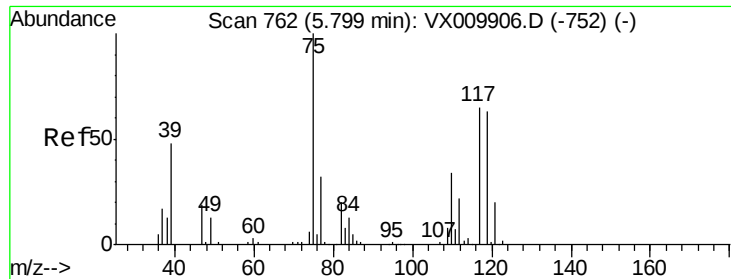


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

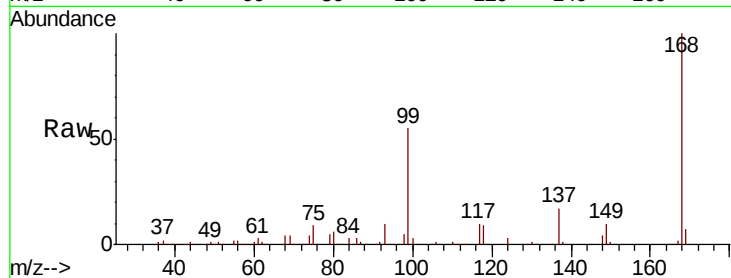




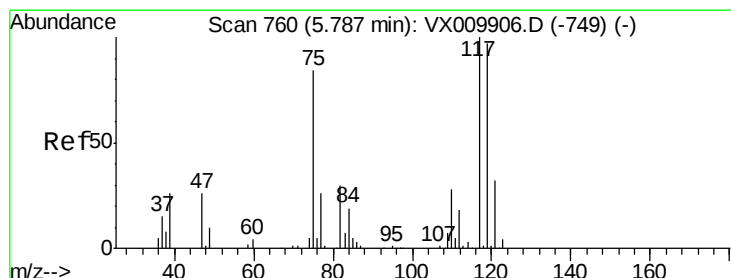
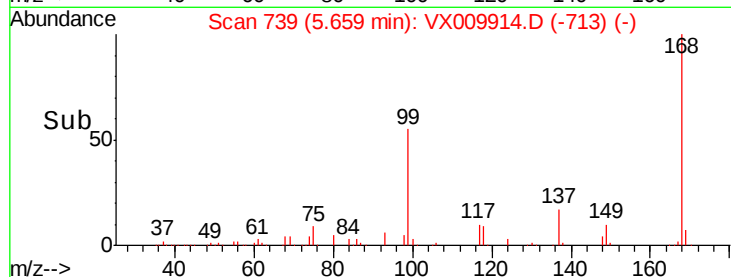
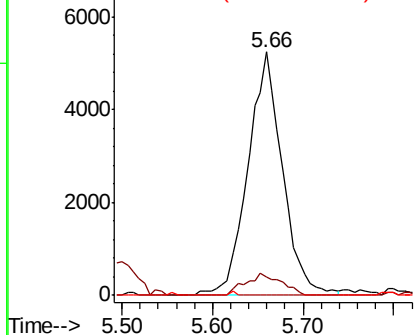
#36
 1,1-Dichloropropene
 Concen: 4.951 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX009914.D
 Acq: 28 May 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleID :
 S36-0154DL

Tot Ion: 75 Resp: 13793
 Ion Ratio Lower Upper
 75 100
 110 9.2 16.7 50.1#
 77 0.0 25.0 37.4#

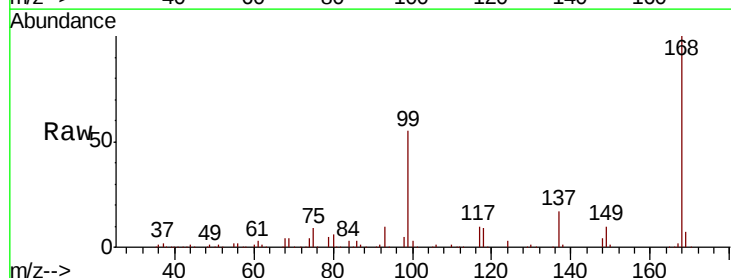


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

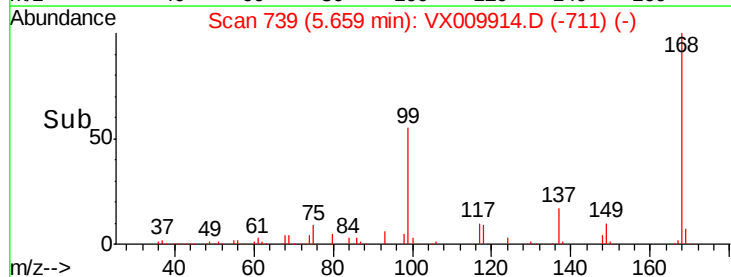
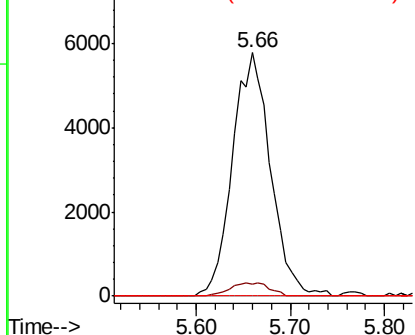


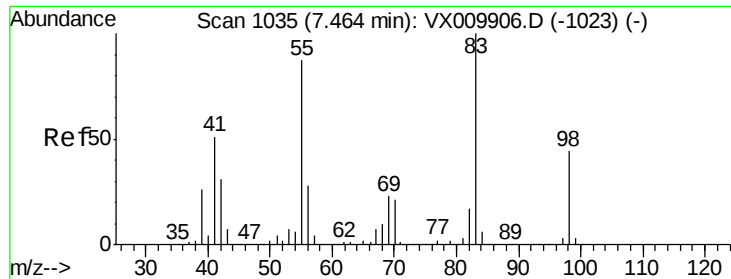
#38
 Carbon Tetrachloride
 Concen: 6.742 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.13 min
 Lab File: VX009914.D
 Acq: 28 May 2019 14:59

Tgt Ion: 117 Resp: 16231
 Ion Ratio Lower Upper
 117 100
 119 4.9 77.3 115.9#
 121 0.0 25.4 38.0#



Abundance Ion 116.80 (116.50 to 117.50): V
 Ion 118.80 (118.50 to 119.50): V
 Ion 120.80 (120.50 to 121.50): V

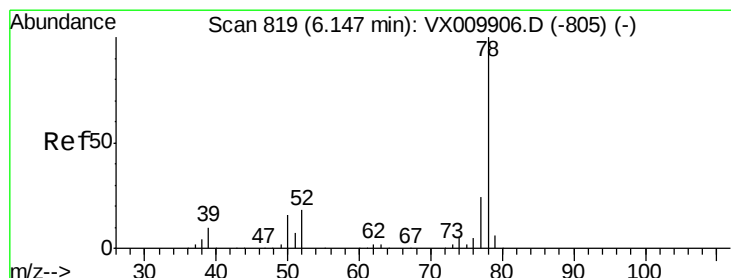
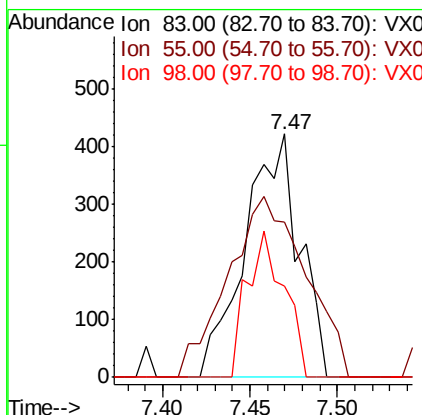
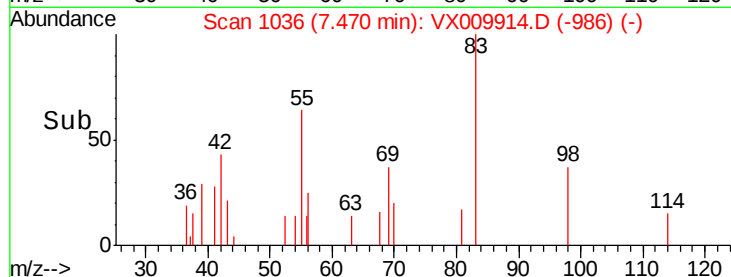
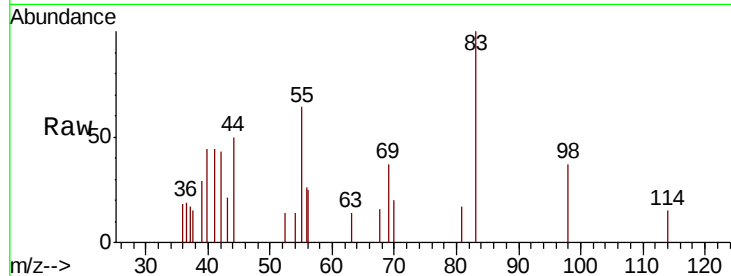




#39
Methvlcvclohexane
Concen: 0.278 ug/l
RT: 7.47 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VX009914.D
Acq: 28 May 2019 14:59

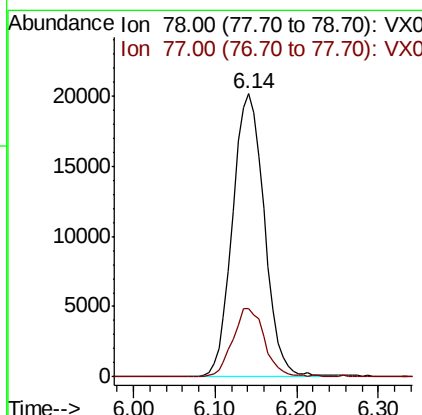
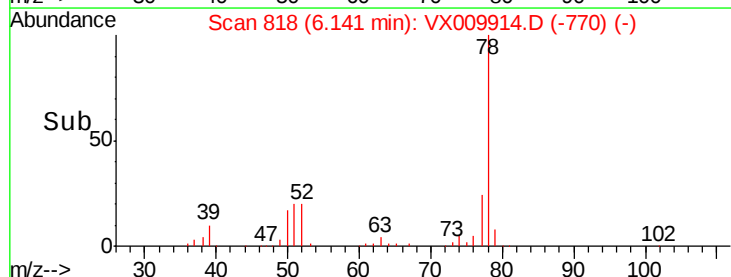
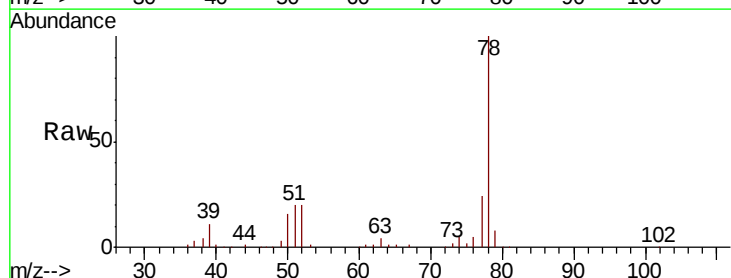
Instrument :
MSVOA_X
ClientSampled :
S36-0154DL

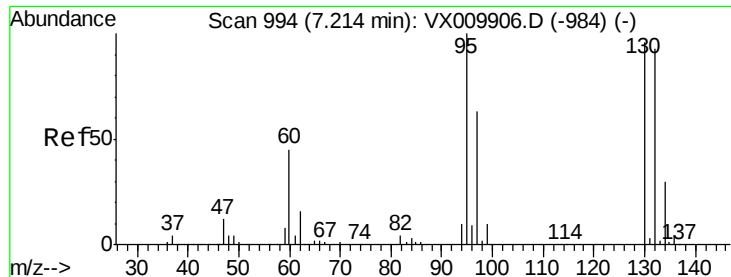
Tot Ion: 83 Resp: 919
Ion Ratio Lower Upper
83 100
55 45.3 69.9 104.9#
98 37.4 35.1 52.7



#40
Benzene
Concen: 6.583 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009914.D
Acq: 28 May 2019 14:59

Tgt Ion: 78 Resp: 54403
Ion Ratio Lower Upper
78 100
77 24.3 19.2 28.8





#44

Trichloroethene

Concen: 0.608 ug/l

RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

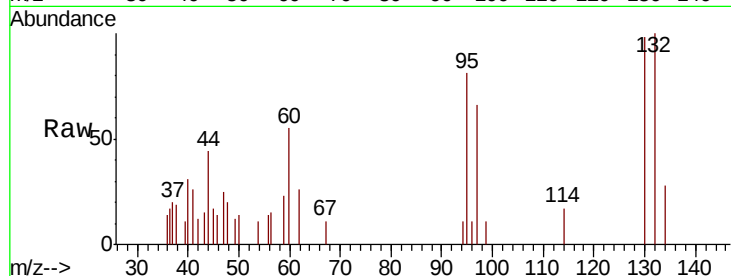
S36-0154DL

Tot Ion:130 Resp: 1220

Ion Ratio Lower Upper

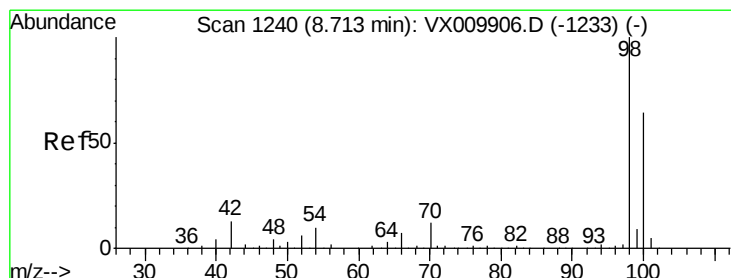
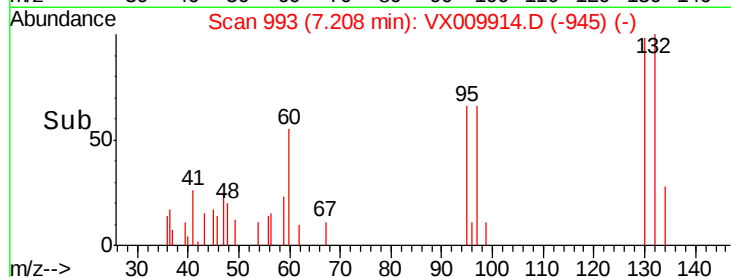
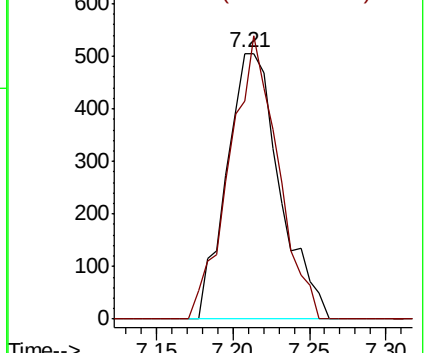
130 100

95 82.2 0.0 207.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 50.643 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009914.D

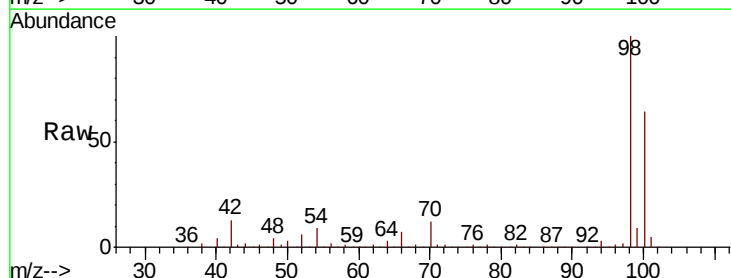
Acq: 28 May 2019 14:59

Tgt Ion: 98 Resp: 355014

Ion Ratio Lower Upper

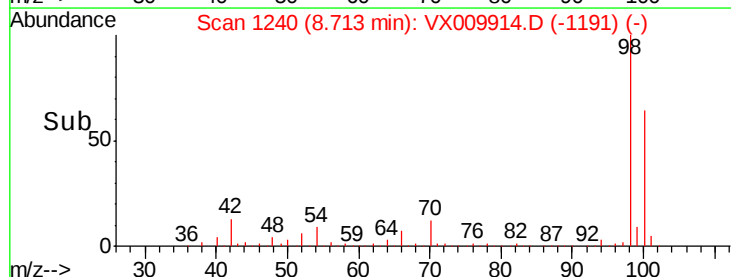
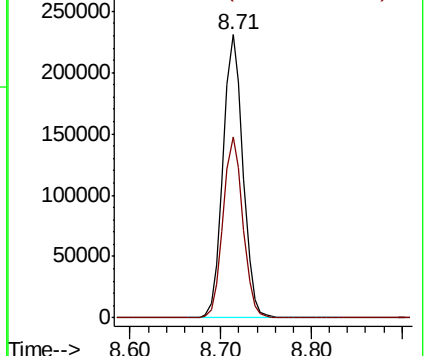
98 100

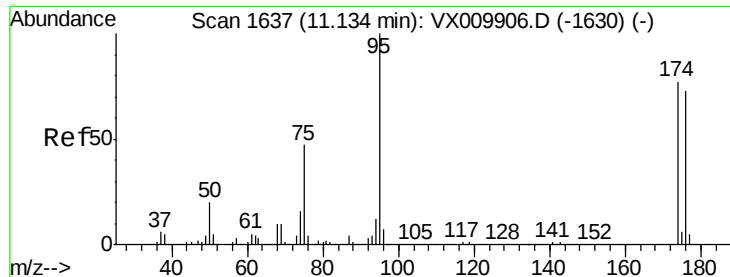
100 63.9 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 49.180 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

S36-0154DL

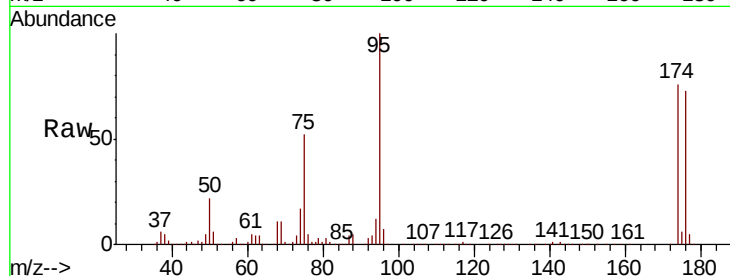
Tot Ion: 95 Resp: 123831

Ion Ratio Lower Upper

95 100

174 80.3 0.0 160.4

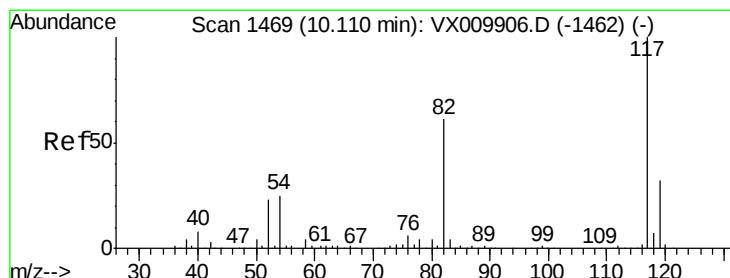
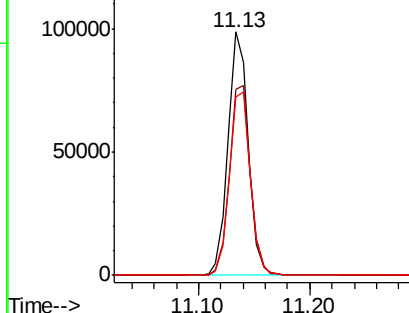
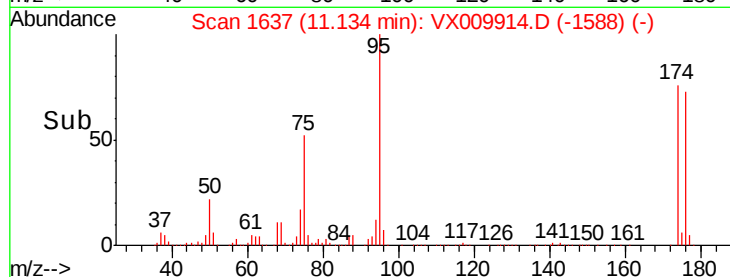
176 78.1 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX009914.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX009914.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX009914.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

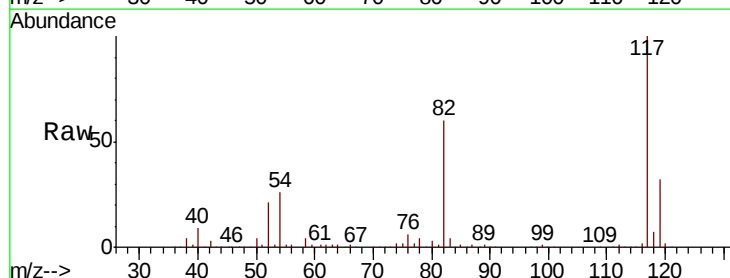
Tgt Ion: 117 Resp: 253823

Ion Ratio Lower Upper

117 100

82 59.9 49.2 73.8

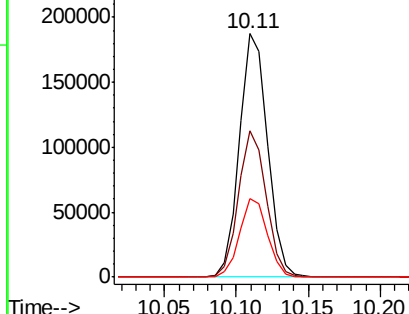
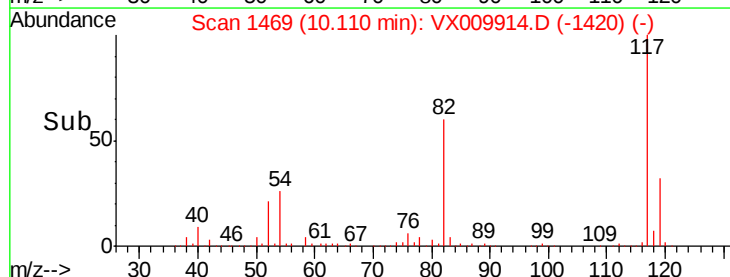
119 32.1 25.2 37.8

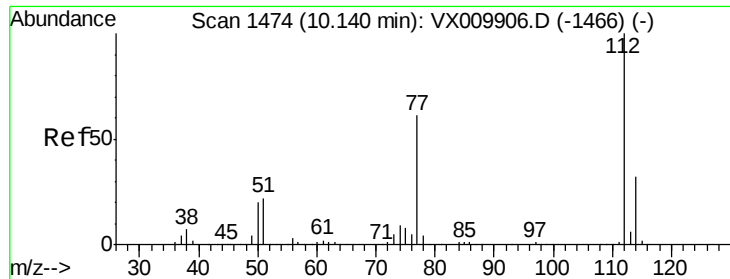


Abundance Ion 116.90 (116.60 to 117.60): VX009914.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX009914.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX009914.D (-1420) (-)

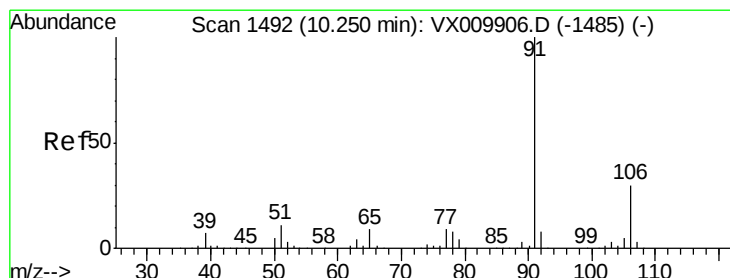
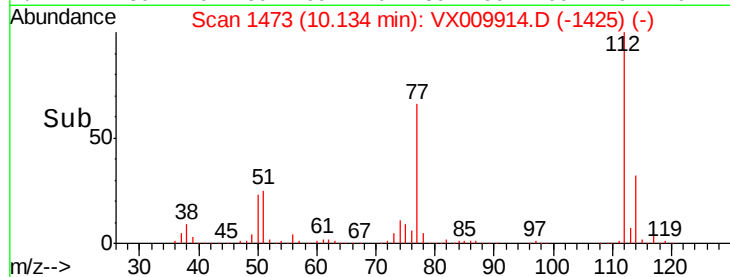
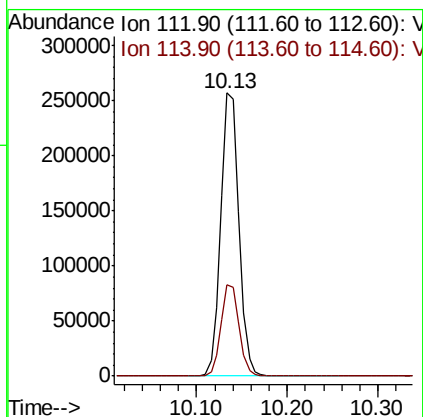
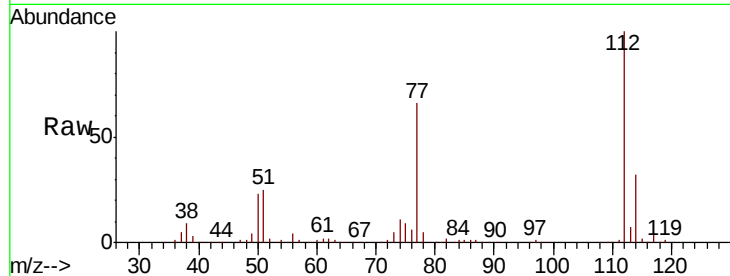




#65
Chlorobenzene
Concen: 67.528 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX009914.D
Acq: 28 May 2019 14:59

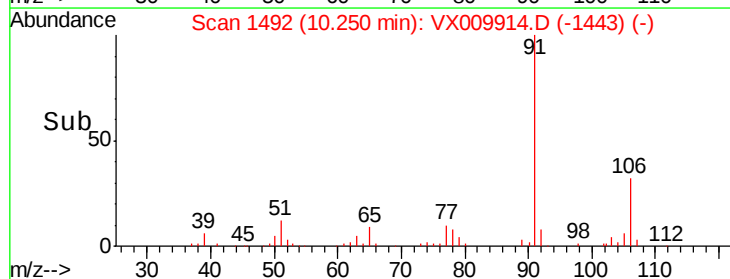
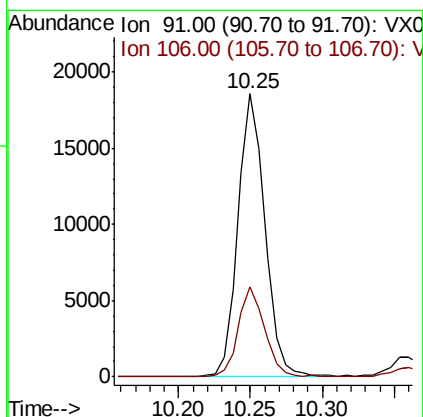
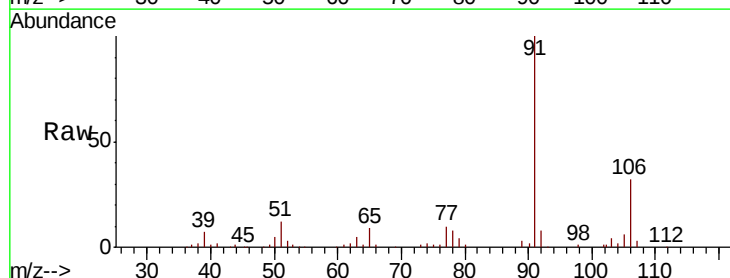
Instrument :
MSVOA_X
ClientSampled :
S36-0154DL

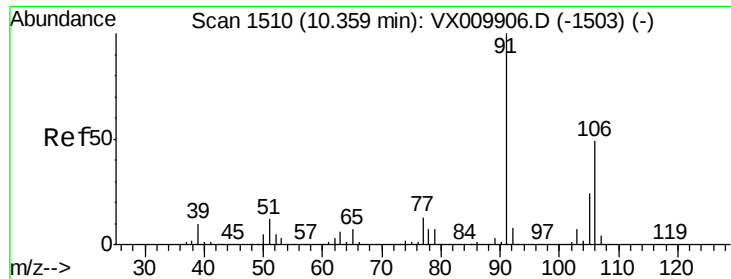
Tot Ion:112 Resp: 358829
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.8



#67
Ethyl Benzene
Concen: 2.546 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX009914.D
Acq: 28 May 2019 14:59

Tgt Ion: 91 Resp: 24289
Ion Ratio Lower Upper
91 100
106 31.7 23.9 35.9

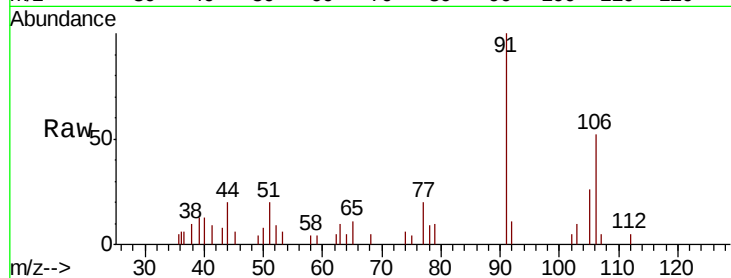




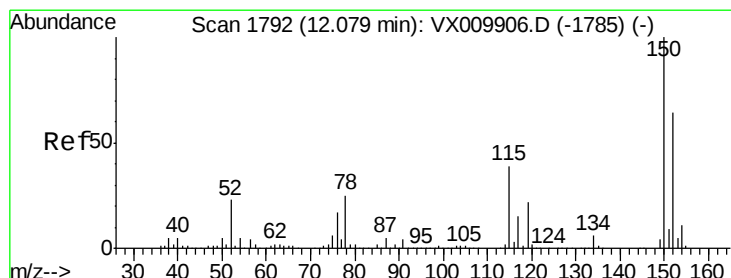
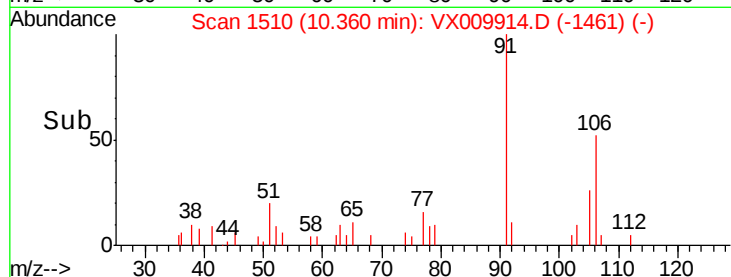
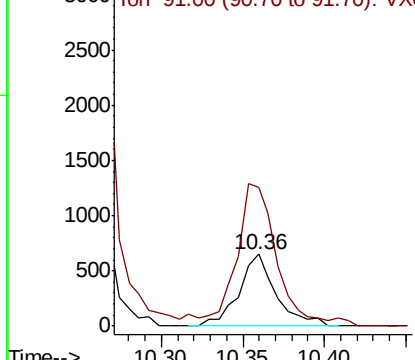
#68
m/p-Xvlenes
Concen: 0.294 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009914.D
Acq: 28 May 2019 14:59

Instrument :
MSVOA_X
ClientSampled :
S36-0154DL

Tot Ion:106 Resp: 1035
Ion Ratio Lower Upper
106 100
91 214.5 167.3 250.9

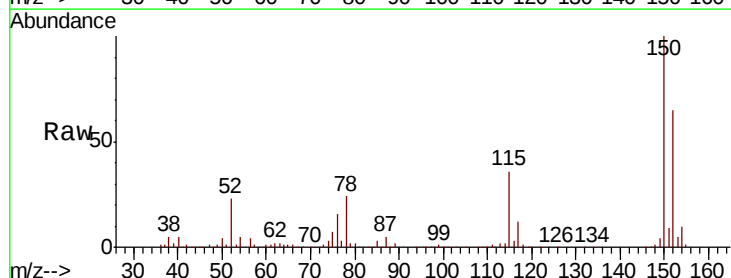


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

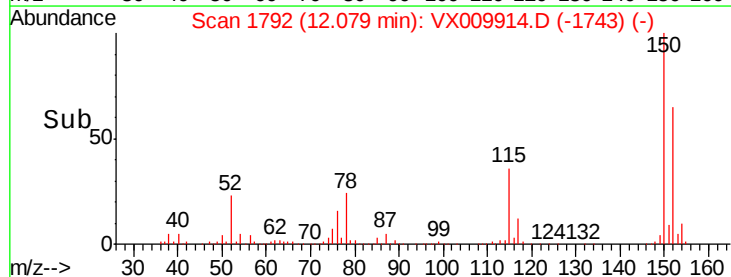
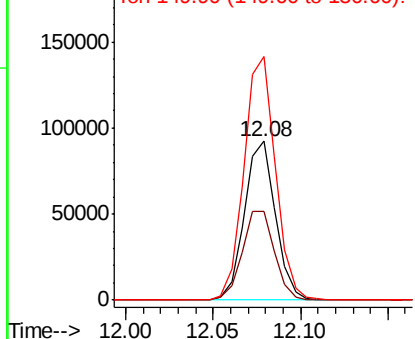


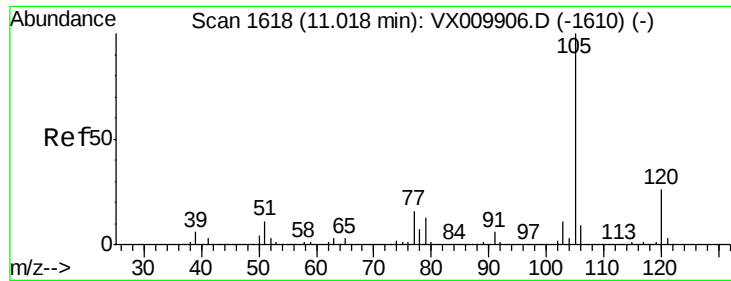
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009914.D
Acq: 28 May 2019 14:59

Tgt Ion:152 Resp: 113341
Ion Ratio Lower Upper
152 100
115 58.7 41.4 124.2
150 155.5 0.0 345.2



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





#73

Isopropylbenzene

Concen: 0.492 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

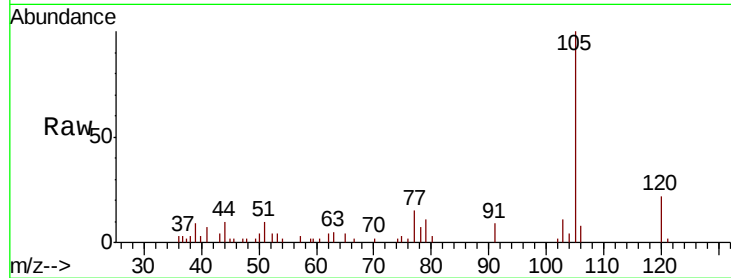
S36-0154DL

Tot Ion:105 Resp: 4111

Ion Ratio Lower Upper

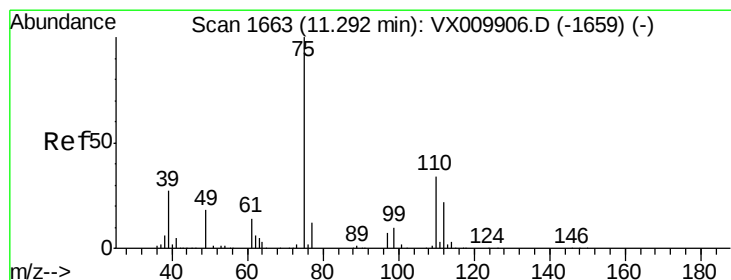
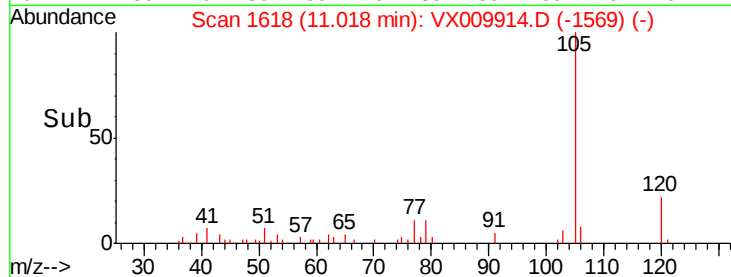
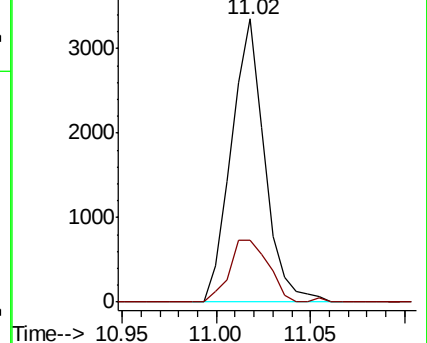
105 100

120 25.5 12.8 38.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 23.503 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX009914.D

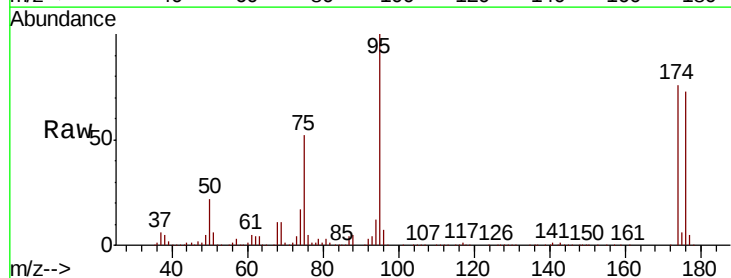
Acq: 28 May 2019 14:59

Tgt Ion: 75 Resp: 63701

Ion Ratio Lower Upper

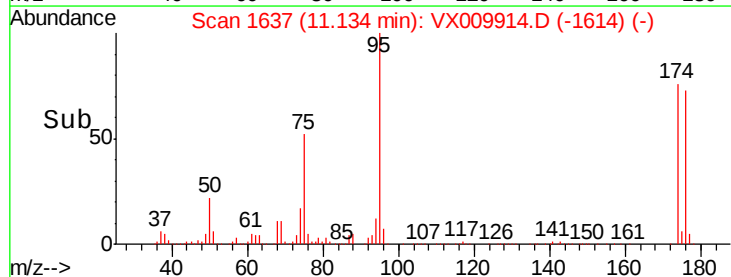
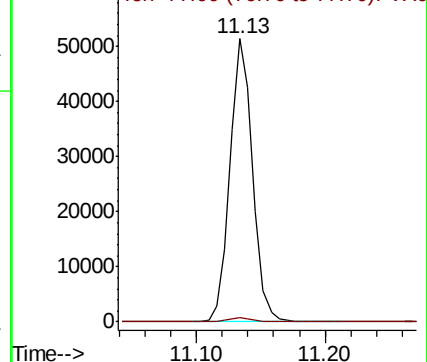
75 100

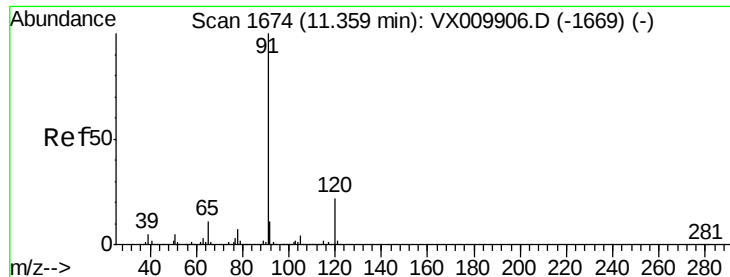
77 1.4 22.1 66.1#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 0.407 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

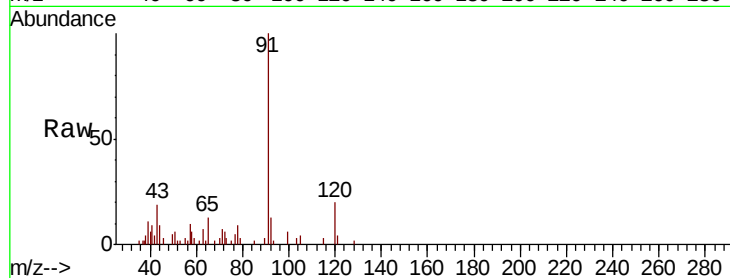
S36-0154DL

Tot Ion: 91 Resp: 3926

Ion Ratio Lower Upper

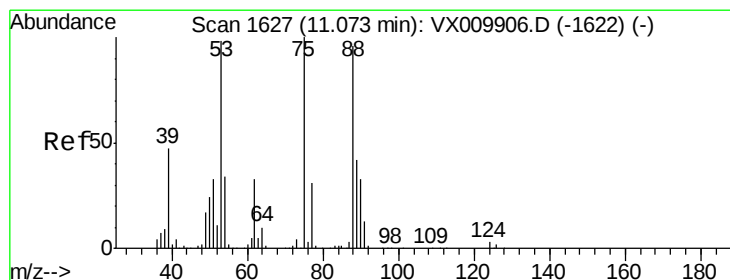
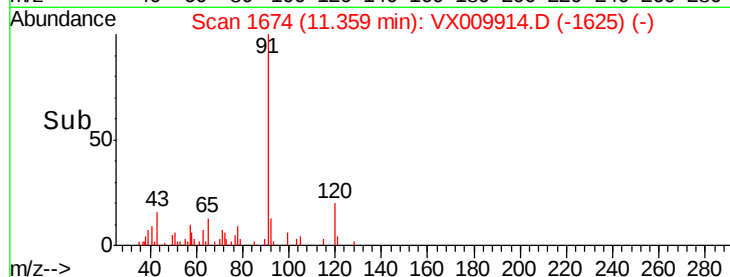
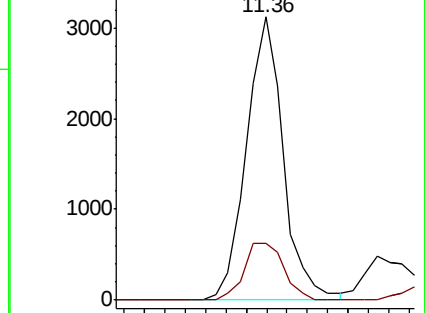
91 100

120 21.8 11.1 33.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 58.150 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

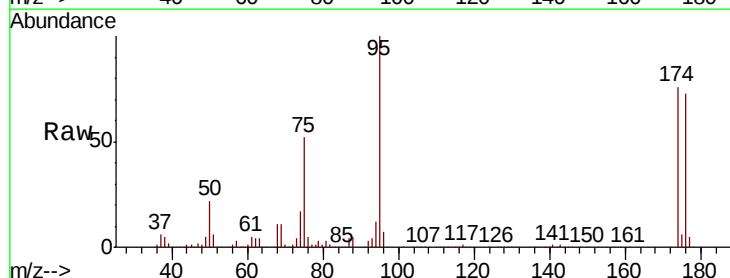
Tgt Ion: 75 Resp: 63701

Ion Ratio Lower Upper

75 100

53 0.2 79.8 119.6#

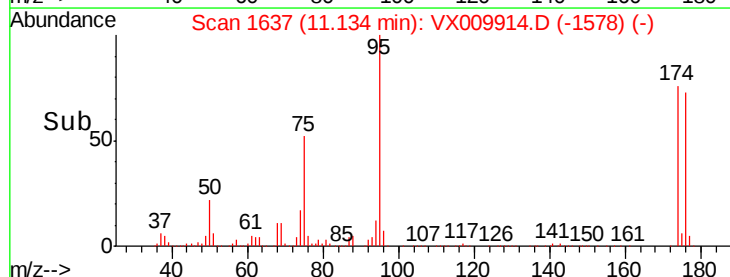
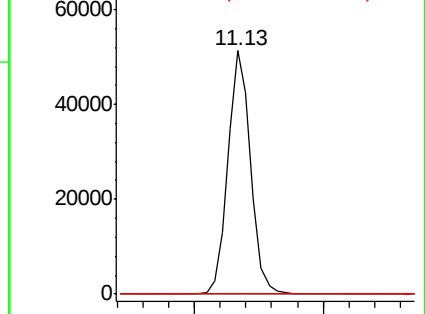
89 0.0 34.2 51.4#

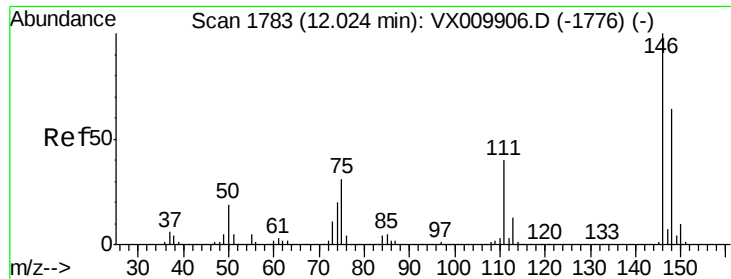


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

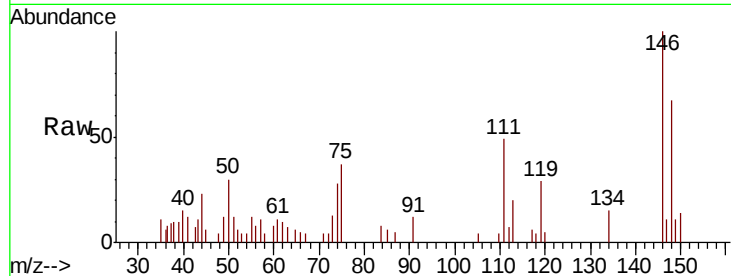




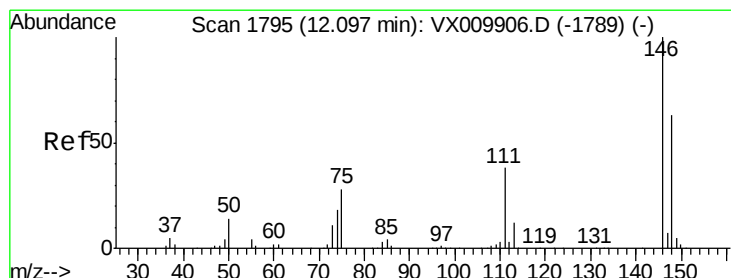
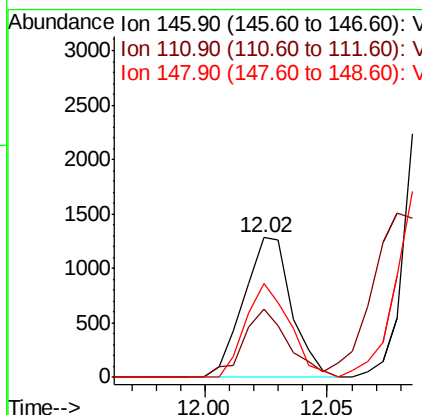
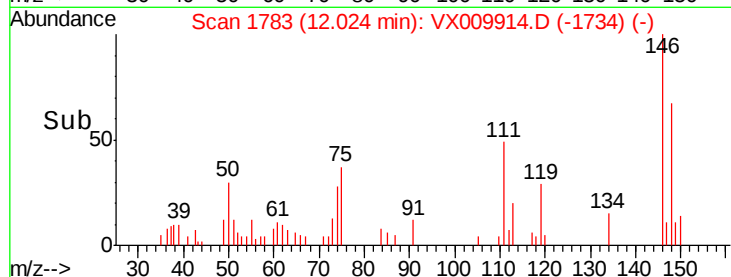
#87
 1,3-Dichlorobenzene
 Concen: 0.461 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009914.D
 Acq: 28 May 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0154DL

Tot Ion:146 Resp: 1751
 Ion Ratio Lower Upper
 146 100
 111 46.0 20.1 60.2
 148 61.6 31.9 95.5

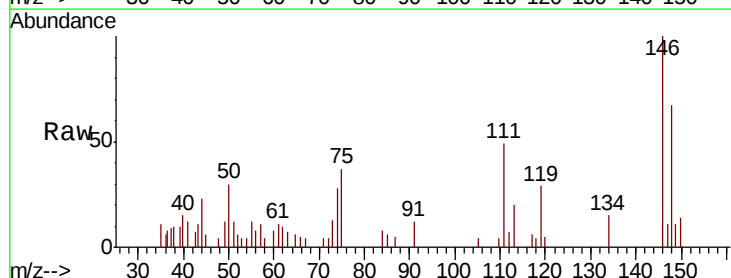


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

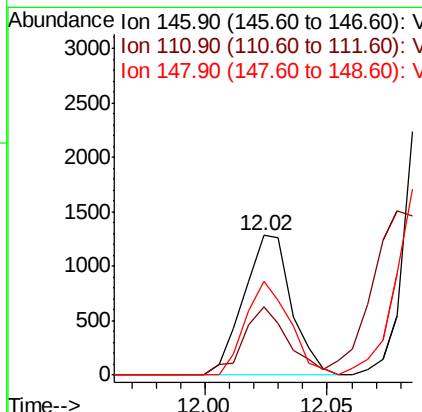
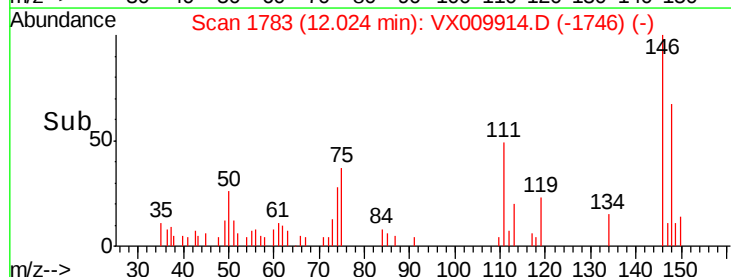


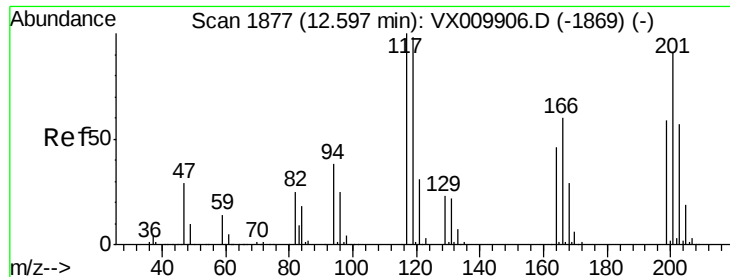
#88
 1,4-Dichlorobenzene
 Concen: 0.453 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.07 min
 Lab File: VX009914.D
 Acq: 28 May 2019 14:59

Tgt Ion:146 Resp: 1751
 Ion Ratio Lower Upper
 146 100
 111 46.0 20.0 59.9
 148 61.6 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V





#90

Hexachloroethane

Concen: 0.471 ug/l

RT: 12.69 min Scan# 1893

Delta R.T. 0.10 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

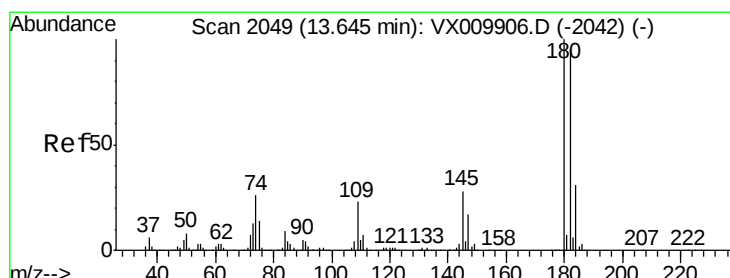
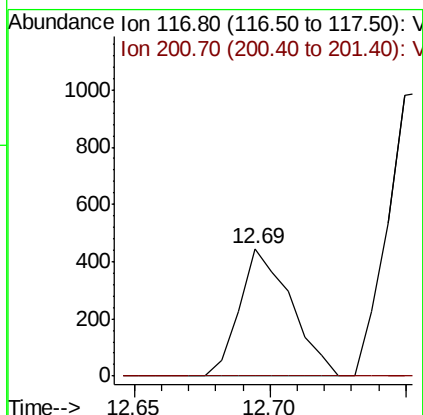
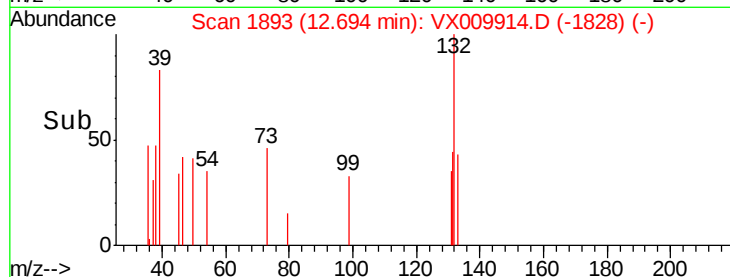
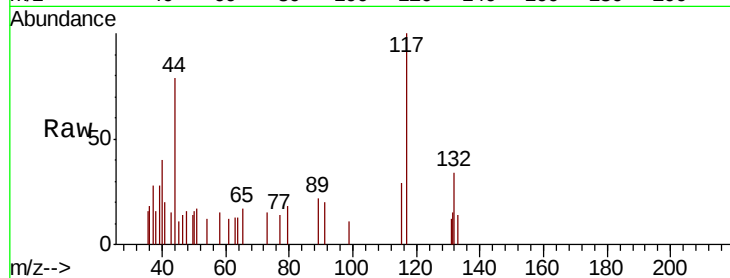
S36-0154DL

Tot Ion:117 Resp: 583

Ion Ratio Lower Upper

117 100

201 0.0 43.6 130.9#



#93

1,2,4-Trichlorobenzene

Concen: 0.233 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. 0.00 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

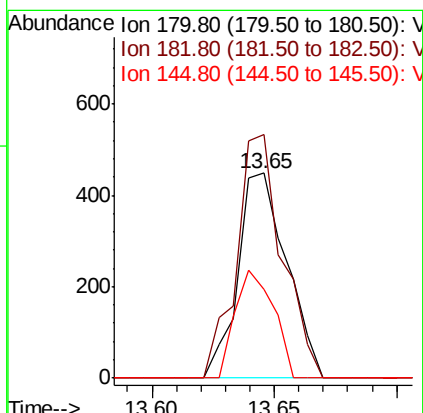
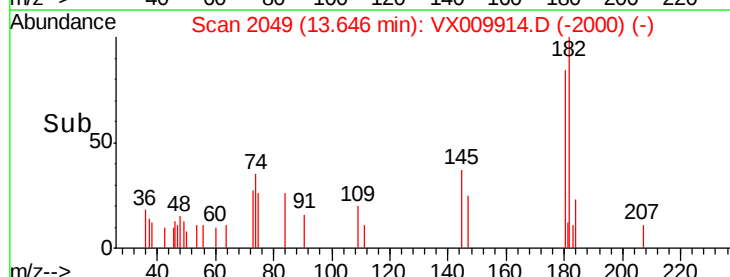
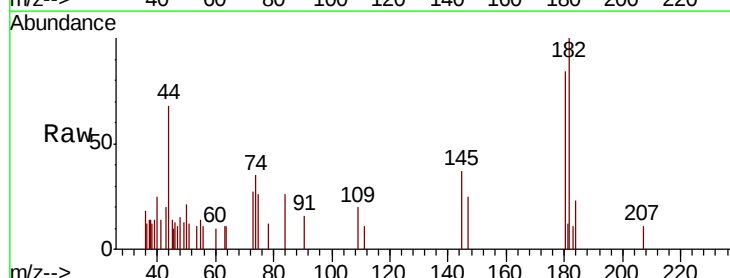
Tgt Ion:180 Resp: 623

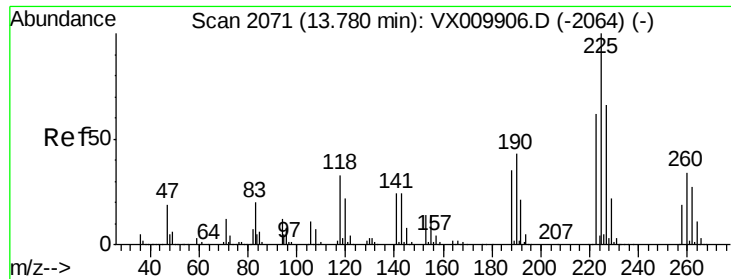
Ion Ratio Lower Upper

180 100

182 111.7 47.4 142.2

145 41.4 14.5 43.5





#94

Hexachlorobutadiene

Concen: 0.201 ug/l

RT: 13.79 min Scan# 2072

Delta R.T. 0.01 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

S36-0154DL

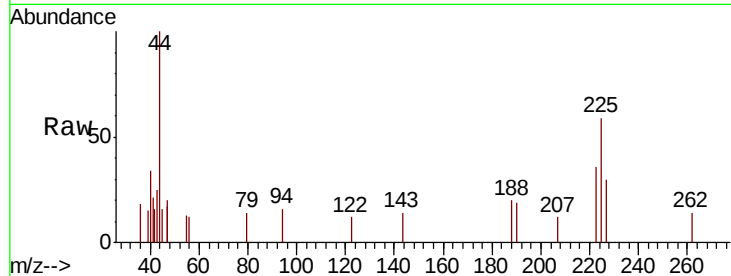
Tot Ion:225 Resp: 269

Ion Ratio Lower Upper

225 100

223 60.2 31.3 93.8

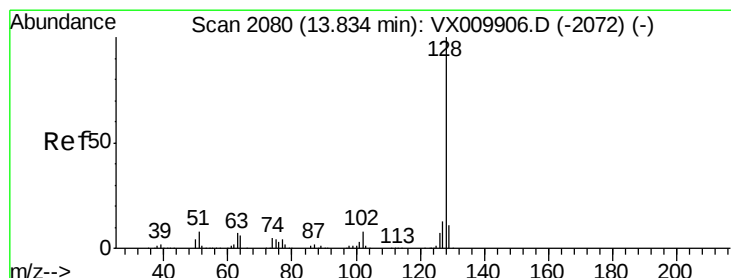
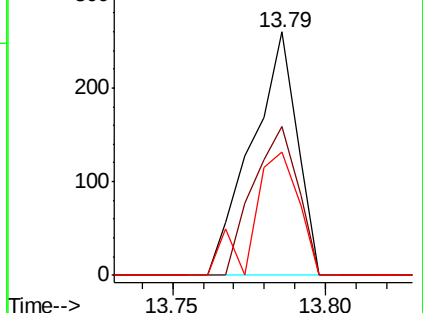
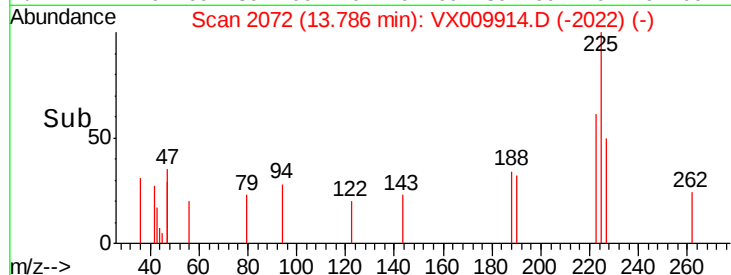
227 50.2 32.3 96.8



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 0.630 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009914.D

Acq: 28 May 2019 14:59

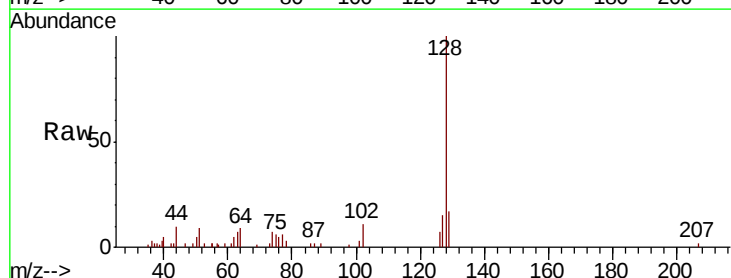
Tgt Ion:128 Resp: 5244

Ion Ratio Lower Upper

128 100

127 15.5 10.6 16.0

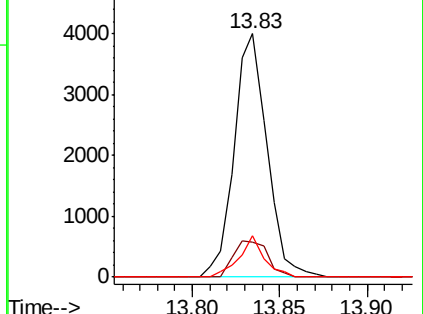
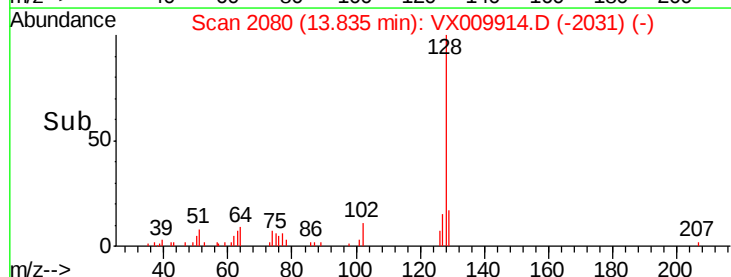
129 12.9 8.8 13.2

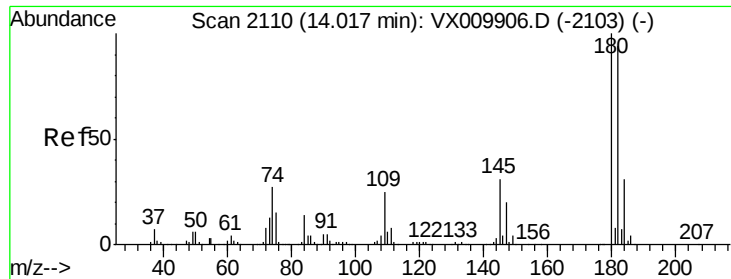


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 0.222 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. 0.00 min
 Lab File: VX009914.D
 Acq: 28 May 2019 14:59

Instrument :
 MSVOA_X
 ClientSampleId :
 S36-0154DL

Tot Ion:180 Resp: 593
 Ion Ratio Lower Upper
 180 100
 182 86.5 47.3 142.0
 145 40.3 15.6 46.7

