

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091619\
 Data File : VX012418.D
 Acq On : 16 Sep 2019 20:15
 Operator : JC/SP
 Sample : K4830-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0279

Quant Time: Sep 17 04:55:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 04:36:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	114272	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	189710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	176444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	98969	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	112255	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	5.49	113	78286	42.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.20%	
50) Toluene-d8	8.71	98	294407	45.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.30%	
62) 4-Bromofluorobenzene	11.14	95	116648	42.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.04%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	49	0.532 ug/l #	42
3) Chloromethane	1.31	50	1912	2.179 ug/l #	88
5) Bromomethane	1.65	94	450	1.102 ug/l #	21
8) Diethyl Ether	2.17	74	166	0.217 ug/l	51
10) Methyl Iodide	2.50	142	356	0.294 ug/l #	84
11) Tert butyl alcohol	3.01	59	6263	10.601 ug/l #	72
13) Acrolein	2.30	56	282	1.108 ug/l #	15
14) Allyl chloride	2.83	41	8747	3.804 ug/l #	77
15) Acrylonitrile	3.17	53	1109	1.135 ug/l #	42
16) Acetone	2.43	43	3201	3.044 ug/l #	87
17) Carbon Disulfide	2.56	76	1658	2.592 ug/l #	85
18) Methyl Acetate	2.83	43	20301	8.669 ug/l #	53
20) Methylene Chloride	2.85	84	709	0.494 ug/l #	37
25) 2-Butanone	4.68	43	1577	1.053 ug/l	94
29) Tetrahydrofuran	5.09	42	299	0.344 ug/l #	33
31) Cyclohexane	5.57	56	15308	9.516 ug/l	99
36) 1,1-Dichloropropene	5.65	75	10136	5.782 ug/l #	51
38) Carbon Tetrachloride	5.65	117	13097	6.122 ug/l #	16
39) Methylcyclohexane	7.45	83	20502	12.175 ug/l #	77
43) Isopropyl Acetate	6.29	43	23440	5.061 ug/l #	62
47) Bromodichloromethane	7.84	83	1598	0.650 ug/l #	5
48) Methyl methacrylate	7.73	41	1248	1.977 ug/l #	49
51) 4-Methyl-2-Pentanone	8.65	43	940	0.313 ug/l #	84
55) 1,1,2-Trichloroethane	9.16	97	29663	16.054 ug/l #	18
56) Ethyl methacrylate	9.16	69	7317	2.632 ug/l #	1
59) 2-Hexanone	9.44	43	10138	4.382 ug/l #	33
60) Dibromochloromethane	9.60	129	21	1.753 ug/l #	11
67) Ethyl Benzene	10.25	91	66741	9.493 ug/l	99
68) m/p-Xylenes	10.35	106	41188	15.871 ug/l	98
69) o-Xylene	10.70	106	8405	3.123 ug/l	99
71) Bromoform	11.12	173	149	2.156 ug/l #	29
73) Isopropylbenzene	11.01	105	84694	12.318 ug/l	97
74) N-amyl acetate	10.91	43	3330	0.914 ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.28	83	4709	1.708 ug/l #	41

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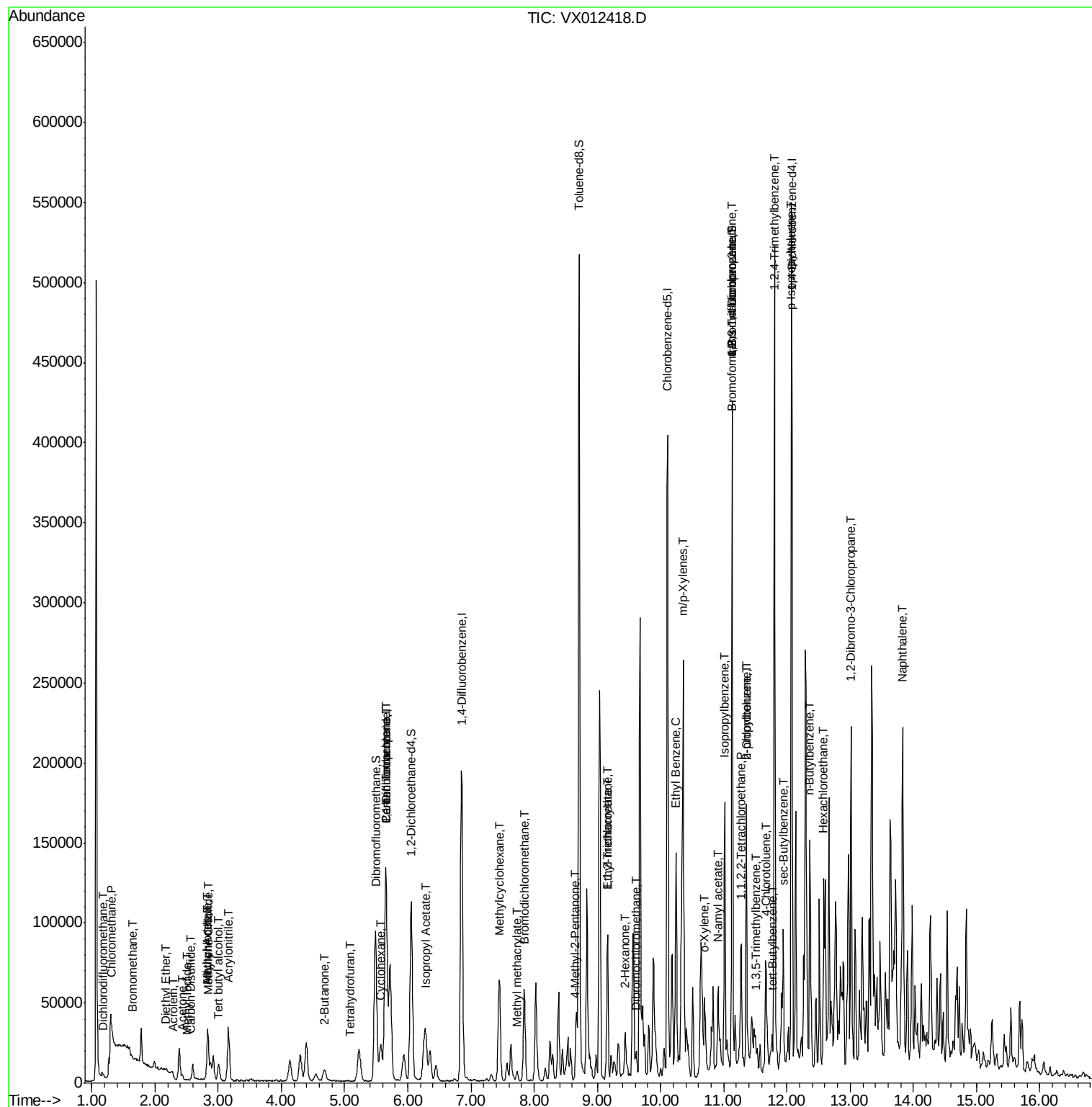
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,2,3-Trichloropropane	11.14	75	60598	23.686	ug/l #	38
78) n-propylbenzene	11.35	91	92276	11.875	ug/l	98
79) 2-Chlorotoluene	11.35	91	92276	18.498	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.50	105	6287	1.050	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.14	75	60598	66.864	ug/l #	8
82) 4-Chlorotoluene	11.66	91	3445	0.592	ug/l #	47
83) tert-Butylbenzene	11.76	119	3153	0.496	ug/l	81
84) 1,2,4-Trimethylbenzene	11.81	105	220675	36.323	ug/l	98
85) sec-Butylbenzene	11.94	105	37601	5.355	ug/l	97
86) p-Isopropyltoluene	12.06	119	17420	2.708	ug/l	94
89) n-Butylbenzene	12.37	91	13861	2.440	ug/l #	38
90) Hexachloroethane	12.58	117	4265	3.430	ug/l #	14
92) 1,2-Dibromo-3-Chloropropan	13.01	75	856	1.175	ug/l #	4
95) Naphthalene	13.83	128	118798	14.429	ug/l #	95

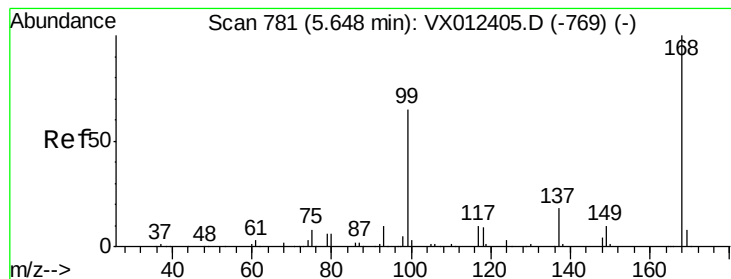
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

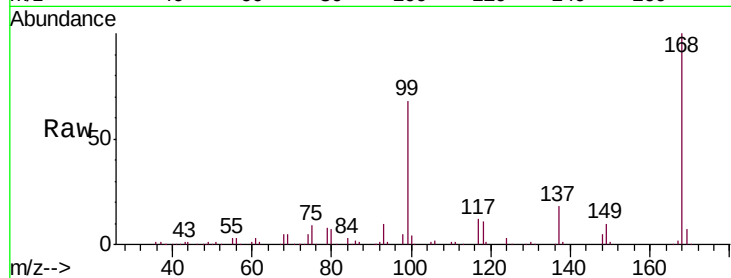
S13-0279

Tgt Ion:168 Resp: 114272

Ion Ratio Lower Upper

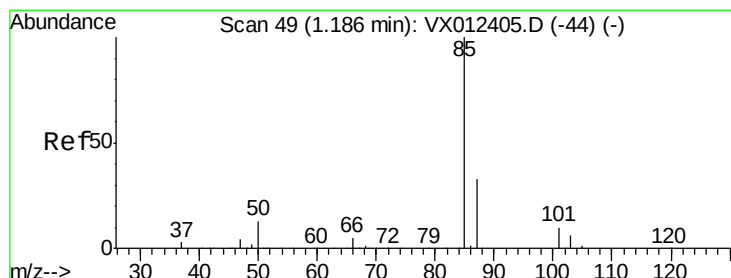
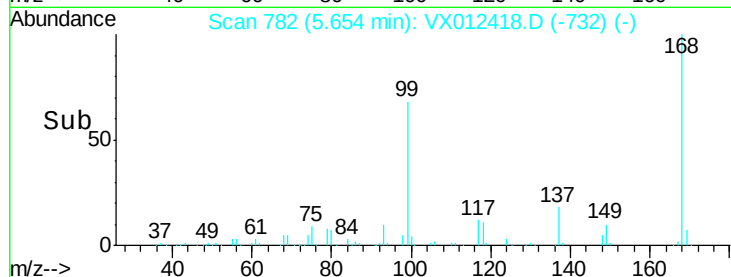
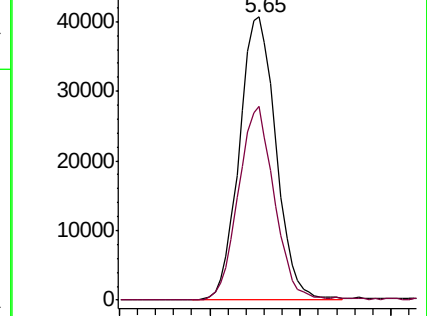
168 100

99 68.5 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.532 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012418.D

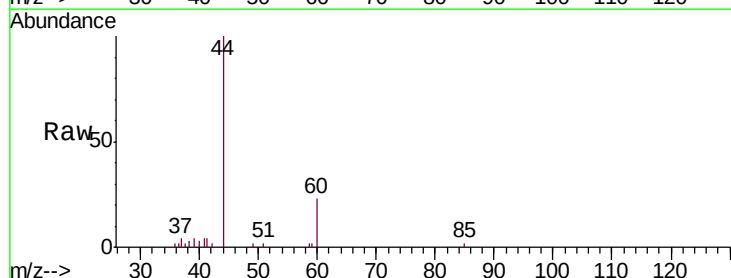
Acq: 16 Sep 2019 20:15

Tgt Ion: 85 Resp: 49

Ion Ratio Lower Upper

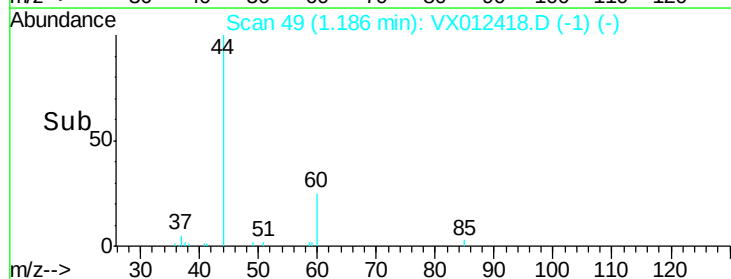
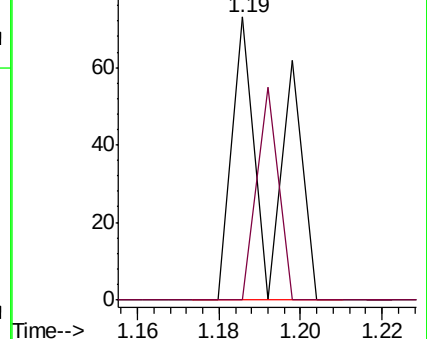
85 100

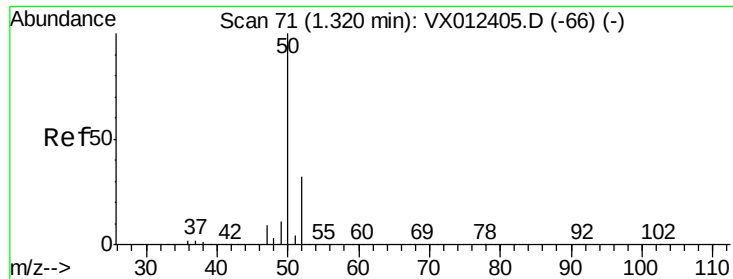
87 0.0 16.4 49.2#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 2.179 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

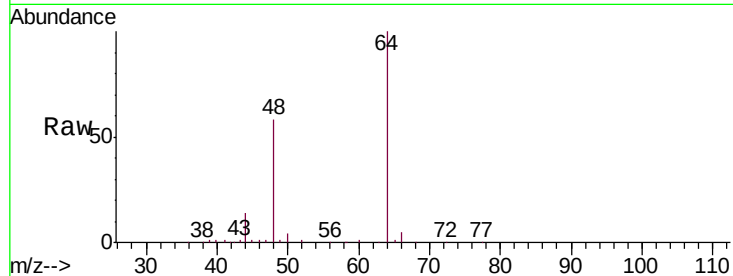
S13-0279

Tgt Ion: 50 Resp: 1912

Ion Ratio Lower Upper

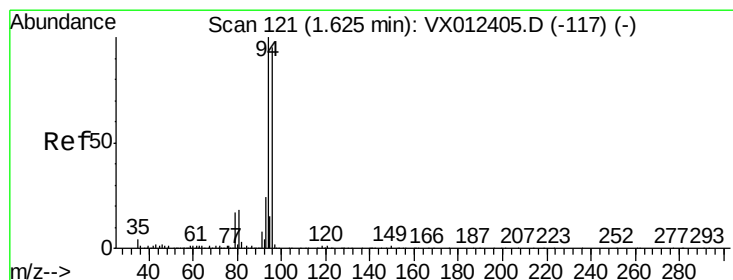
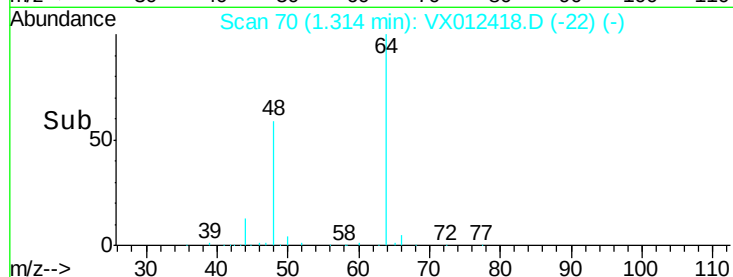
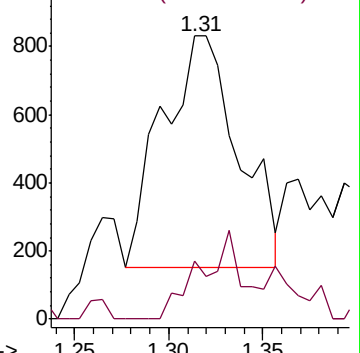
50 100

52 25.0 25.4 38.2#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 1.102 ug/l

RT: 1.65 min Scan# 125

Delta R.T. 0.02 min

Lab File: VX012418.D

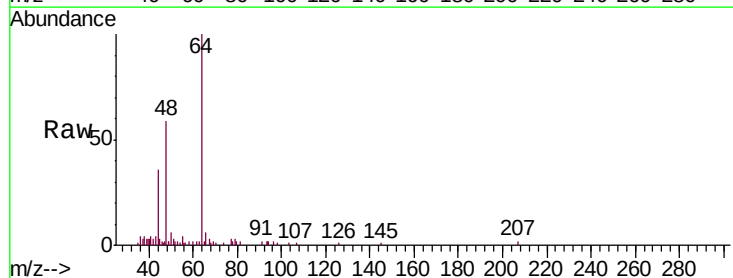
Acq: 16 Sep 2019 20:15

Tgt Ion: 94 Resp: 450

Ion Ratio Lower Upper

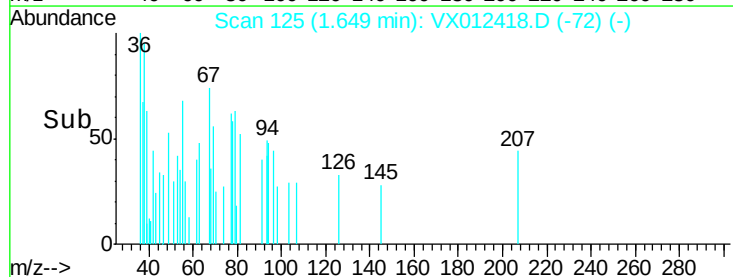
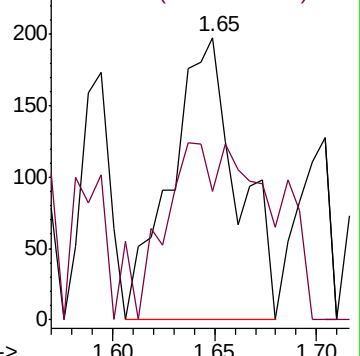
94 100

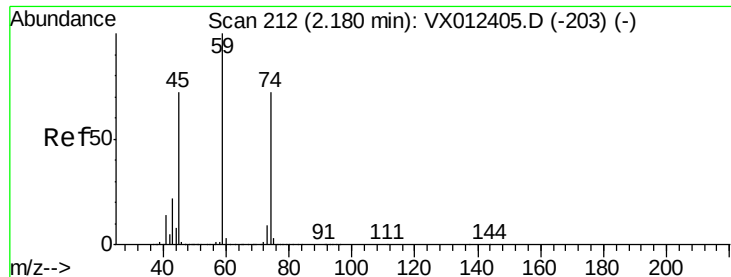
96 17.7 75.7 113.5#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#8

Diethyl Ether

Concen: 0.217 ug/l

RT: 2.17 min Scan# 210

Delta R.T. -0.01 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

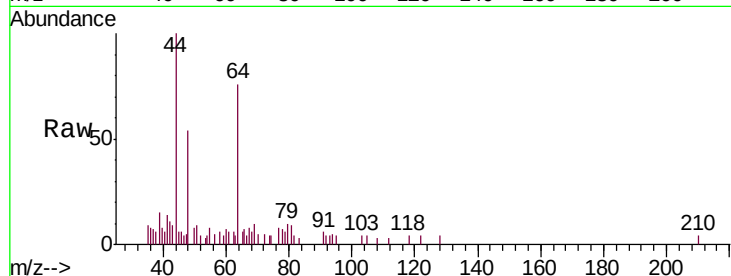
S13-0279

Tgt Ion: 74 Resp: 166

Ion Ratio Lower Upper

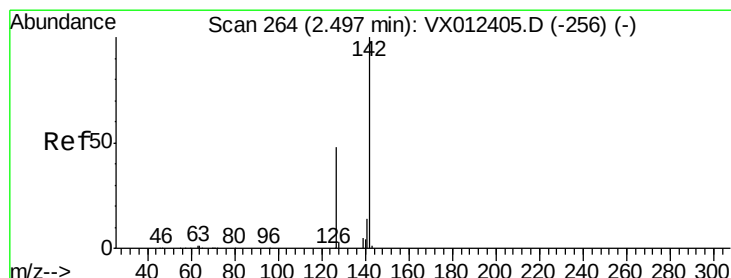
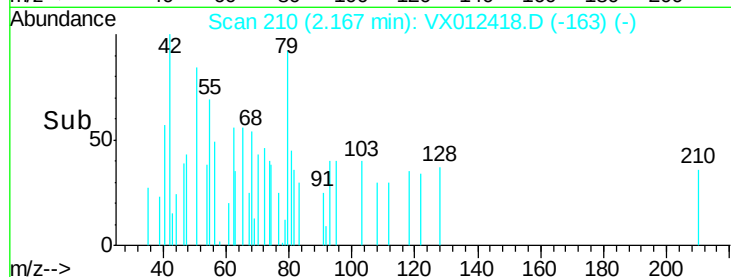
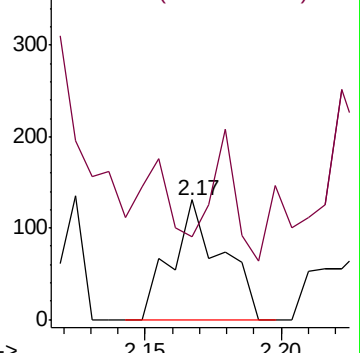
74 100

45 51.8 50.6 151.9



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#10

Methyl Iodide

Concen: 0.294 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

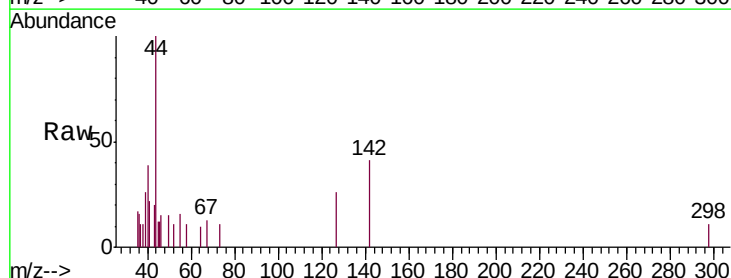
Tgt Ion: 142 Resp: 356

Ion Ratio Lower Upper

142 100

127 57.0 39.6 59.4

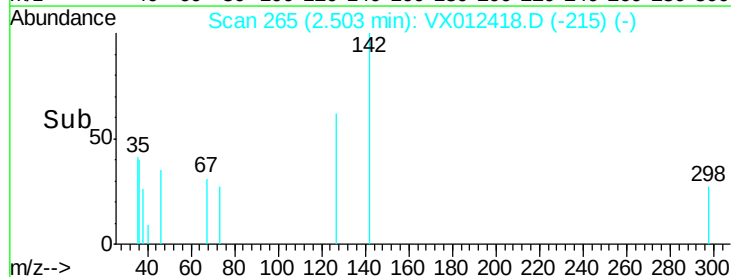
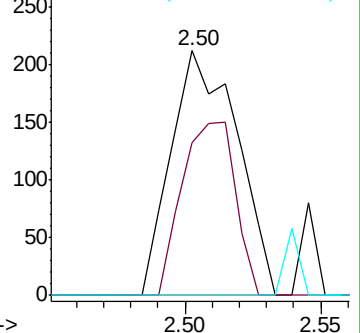
141 0.0 11.6 17.4#

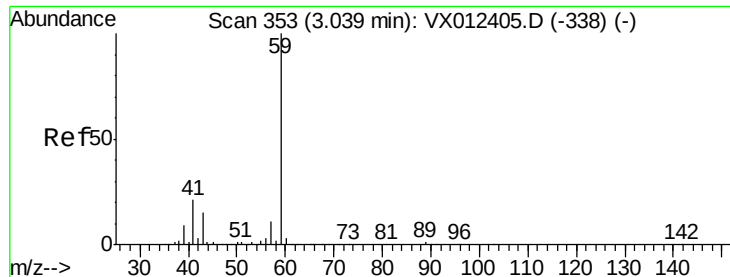


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

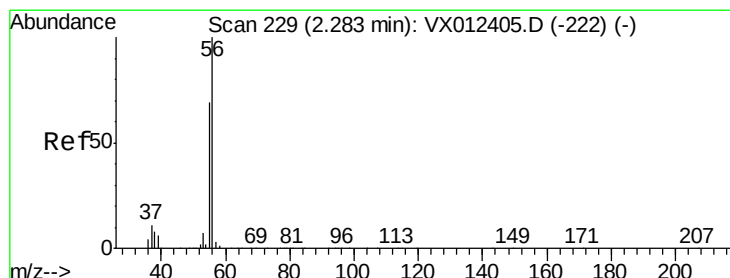
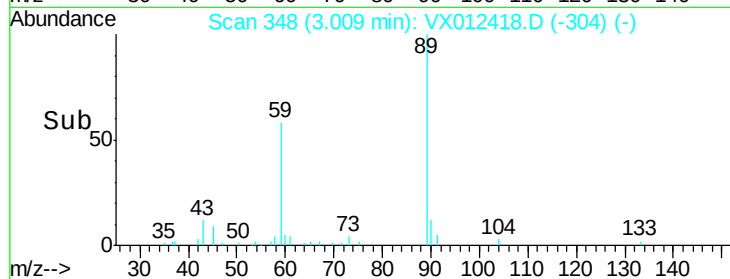
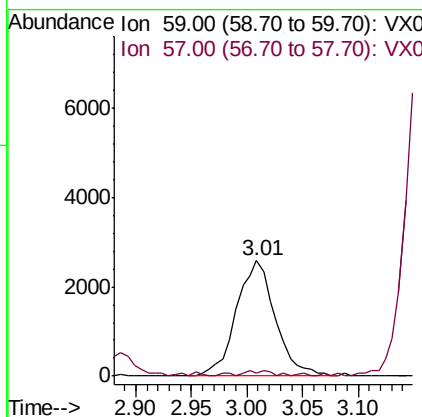
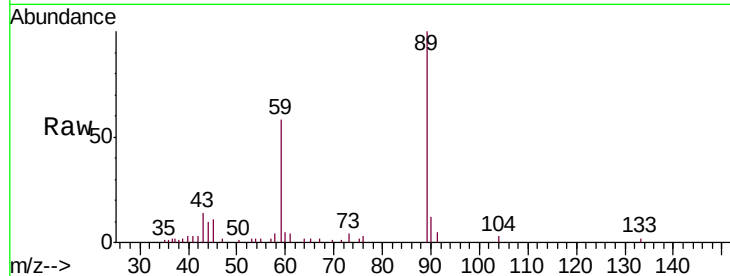




#11
Tert butyl alcohol
Concen: 10.601 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

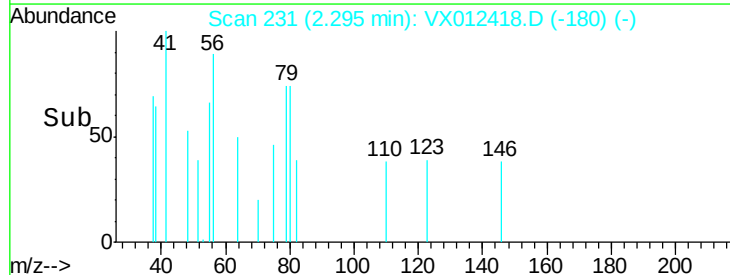
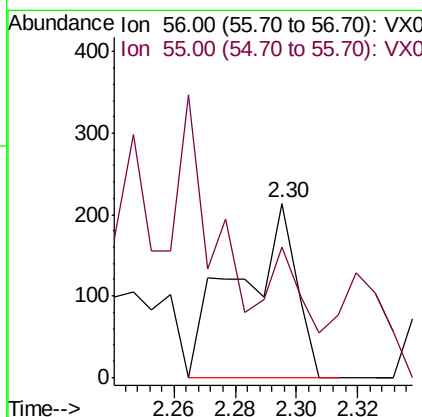
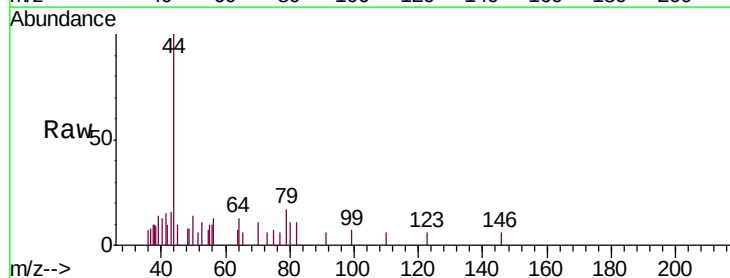
Instrument :
MSVOA_X
ClientSampleId :
S13-0279

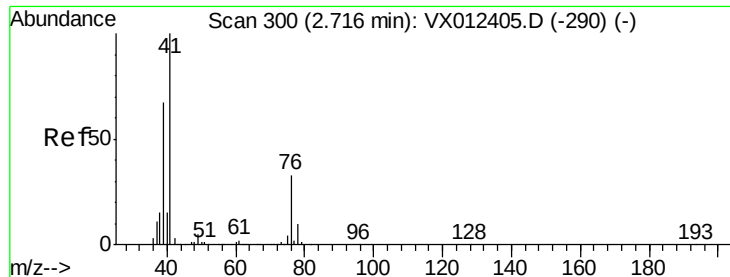
Tgt Ion: 59 Resp: 6263
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 1.108 ug/l
RT: 2.30 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Tgt Ion: 56 Resp: 282
Ion Ratio Lower Upper
56 100
55 0.0 56.1 84.1#

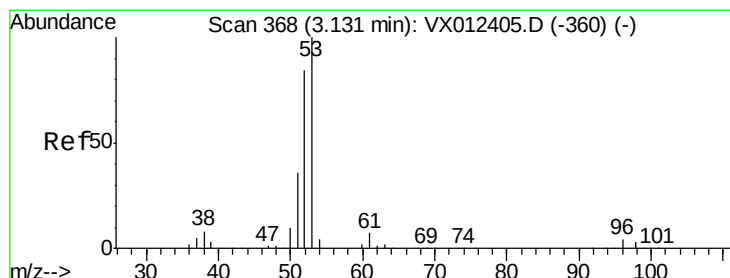
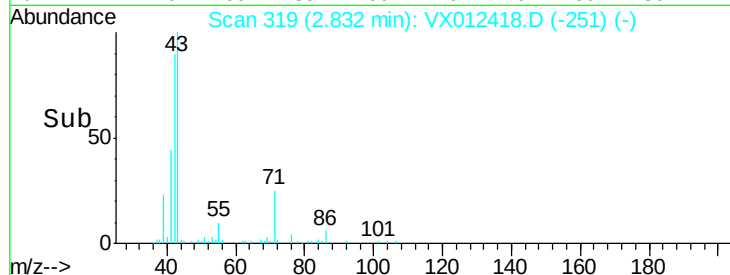
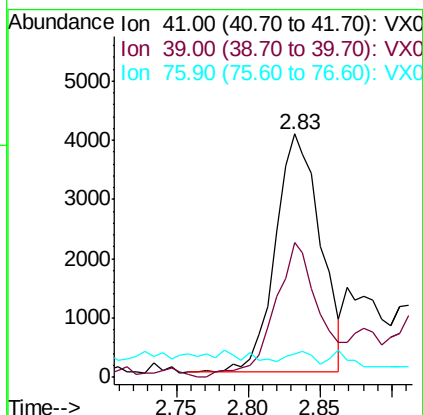
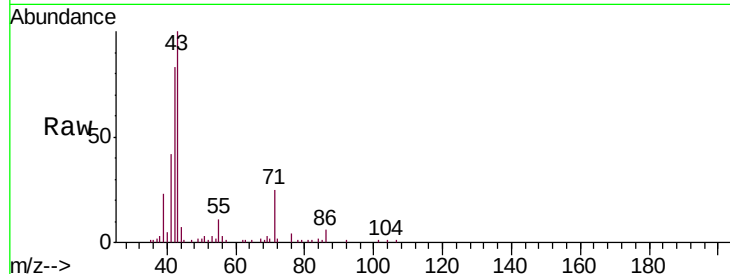




#14
 Allyl chloride
 Concen: 3.804 ug/l
 RT: 2.83 min Scan# 319
 Delta R.T. 0.12 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

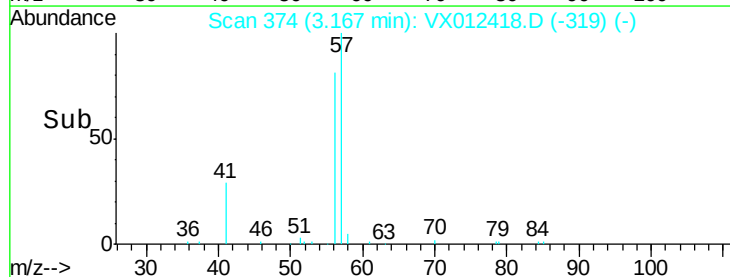
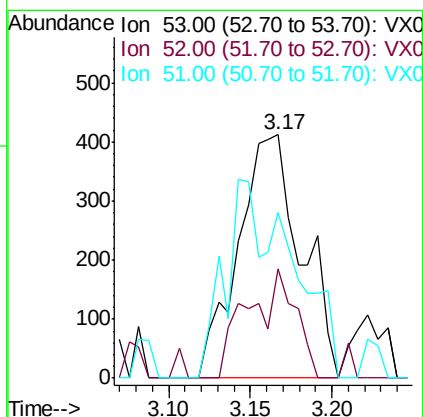
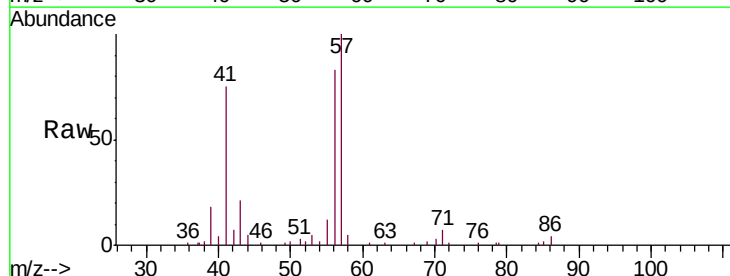
Instrument :
 MSVOA_X
 ClientSampled :
 S13-0279

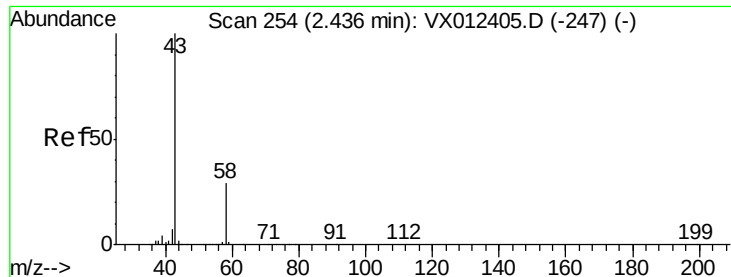
Tgt Ion: 41 Resp: 8747
 Ion Ratio Lower Upper
 41 100
 39 55.5 51.1 76.7
 76 2.7 23.4 35.2#



#15
 Acrylonitrile
 Concen: 1.135 ug/l
 RT: 3.17 min Scan# 374
 Delta R.T. 0.04 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

Tgt Ion: 53 Resp: 1109
 Ion Ratio Lower Upper
 53 100
 52 33.9 67.4 101.2#
 51 0.0 29.8 44.6#





#16

Acetone

Concen: 3.044 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

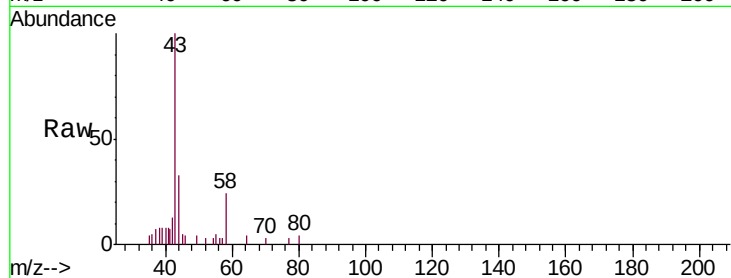
S13-0279

Tgt Ion: 43 Resp: 3201

Ion Ratio Lower Upper

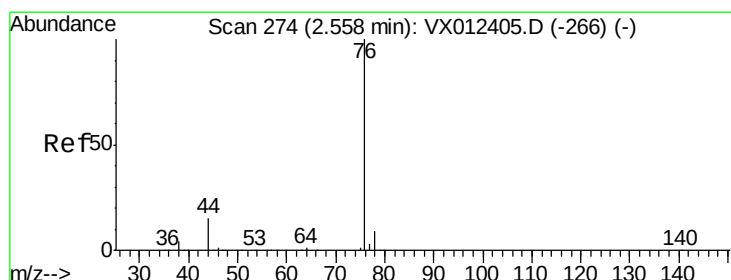
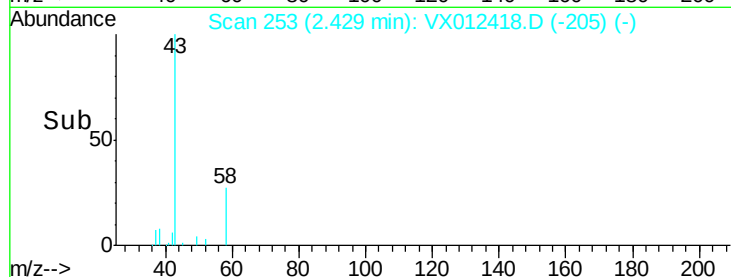
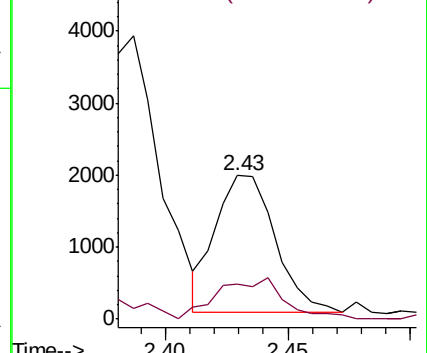
43 100

58 22.4 23.5 35.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 2.592 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012418.D

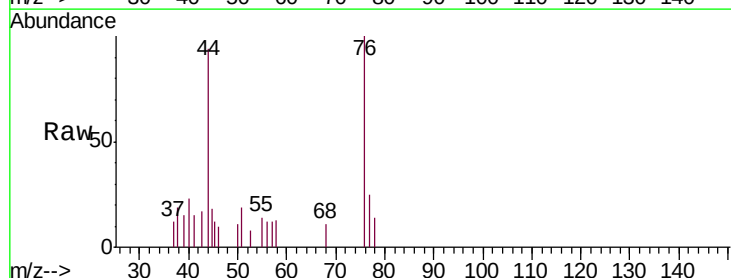
Acq: 16 Sep 2019 20:15

Tgt Ion: 76 Resp: 1658

Ion Ratio Lower Upper

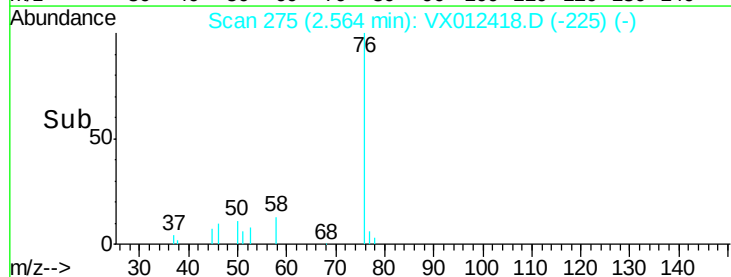
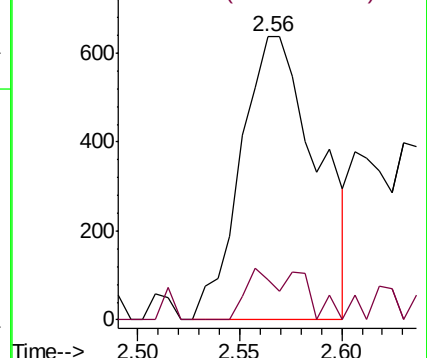
76 100

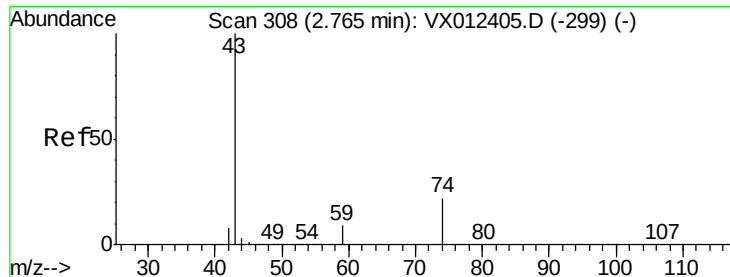
78 14.3 7.1 10.7#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

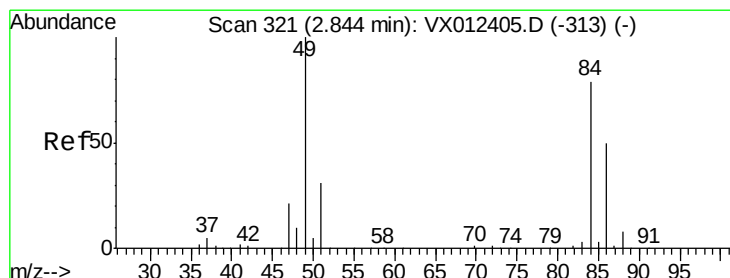
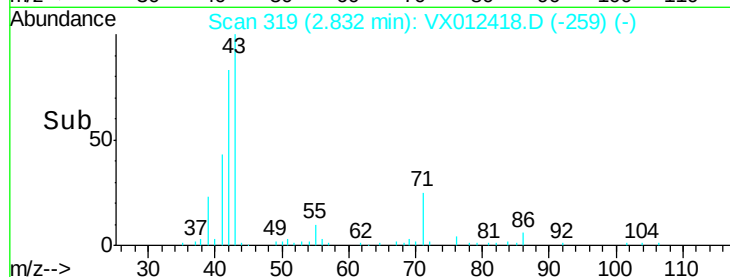
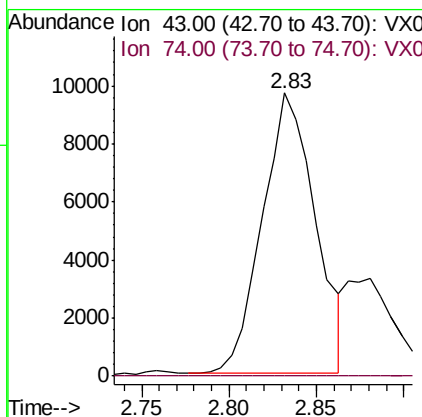
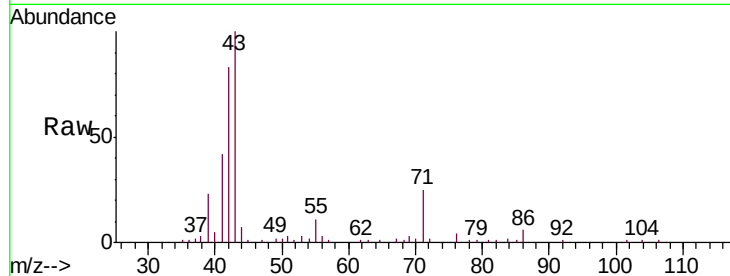




#18
Methyl Acetate
Concen: 8.669 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.07 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

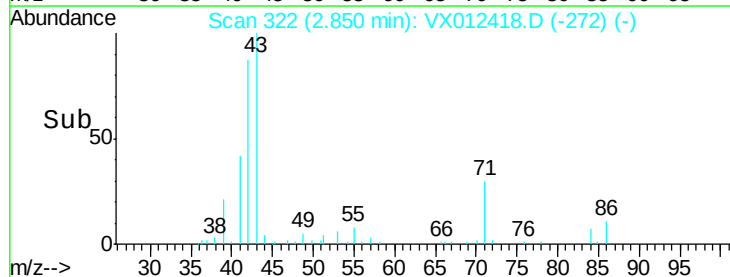
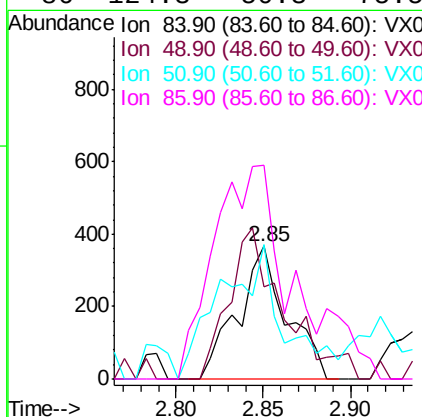
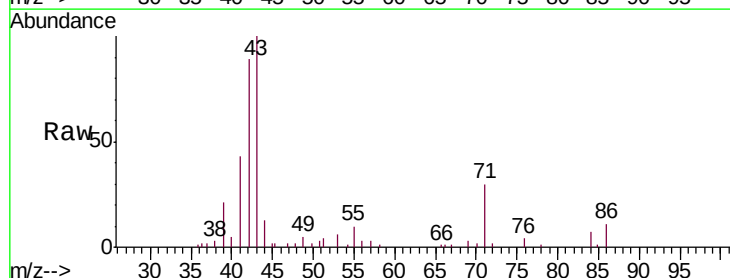
Instrument :
MSVOA_X
ClientSampleId :
S13-0279

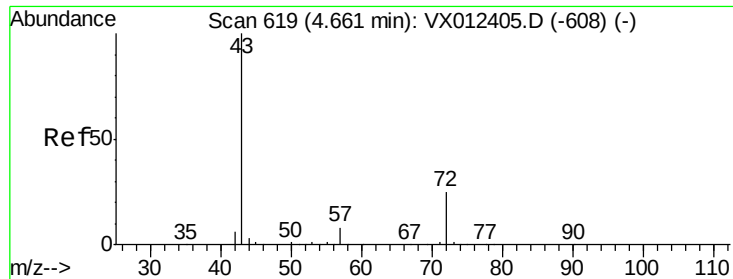
Tgt Ion: 43 Resp: 20301
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.2#



#20
Methylene Chloride
Concen: 0.494 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Tgt Ion: 84 Resp: 709
Ion Ratio Lower Upper
84 100
49 68.9 101.7 152.5#
51 86.6 31.2 46.8#
86 124.3 50.3 75.5#





#25

2-Butanone

Concen: 1.053 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.02 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampled :

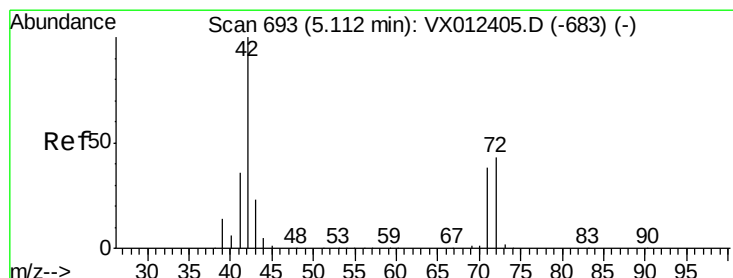
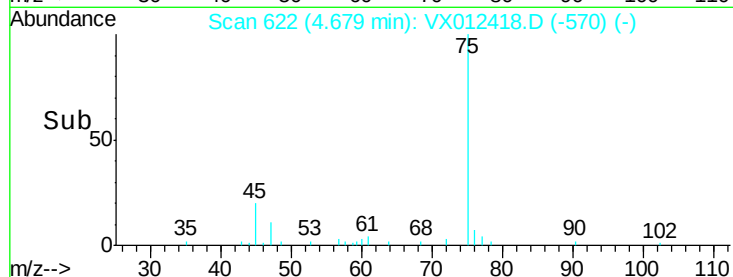
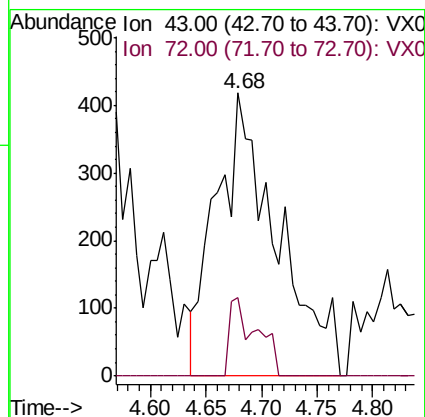
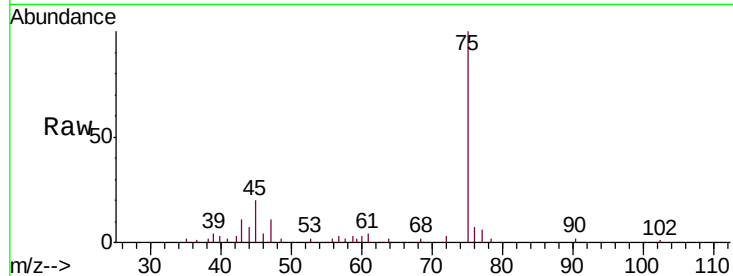
S13-0279

Tgt Ion: 43 Resp: 1577

Ion Ratio Lower Upper

43 100

72 27.5 19.8 29.6



#29

Tetrahydrofuran

Concen: 0.344 ug/l

RT: 5.09 min Scan# 689

Delta R.T. -0.02 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

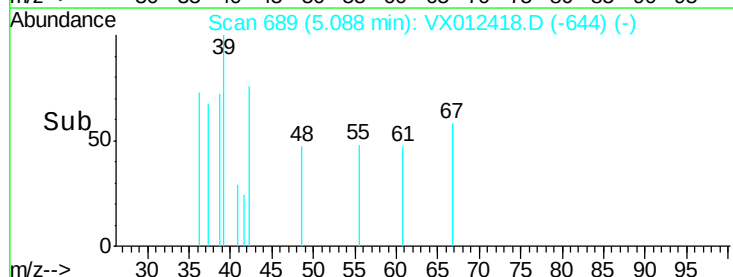
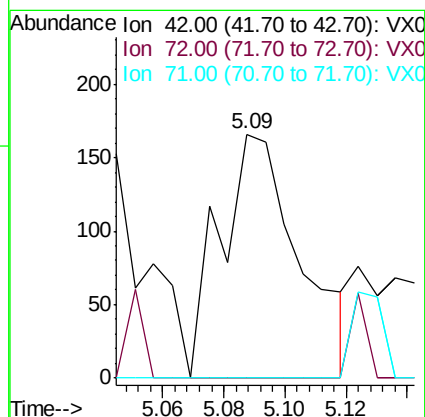
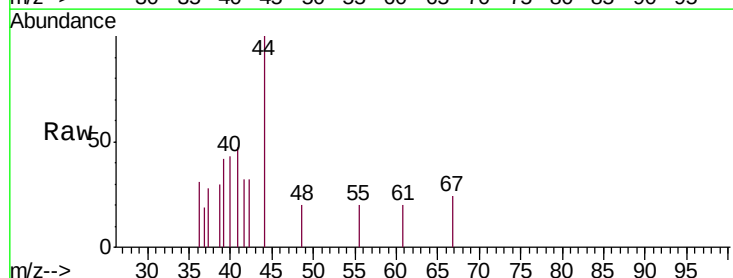
Tgt Ion: 42 Resp: 299

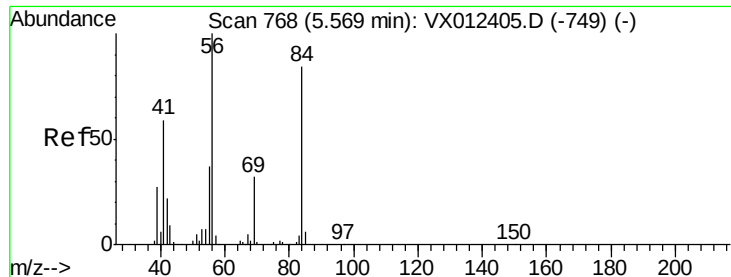
Ion Ratio Lower Upper

42 100

72 0.0 34.9 52.3#

71 0.0 32.6 48.8#

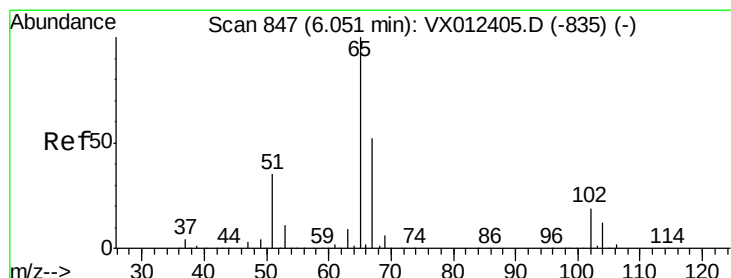
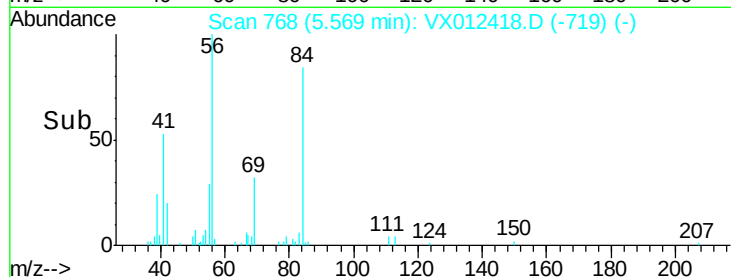
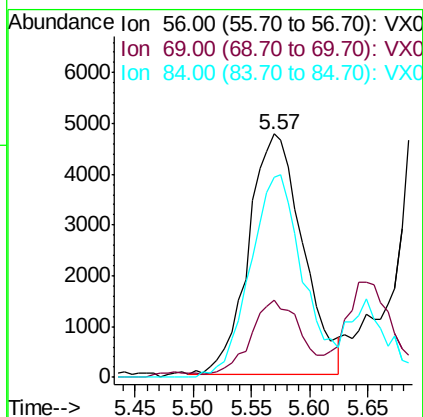
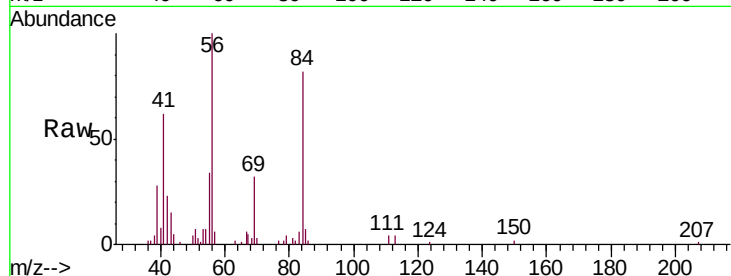




#31
Cyclohexane
Concen: 9.516 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

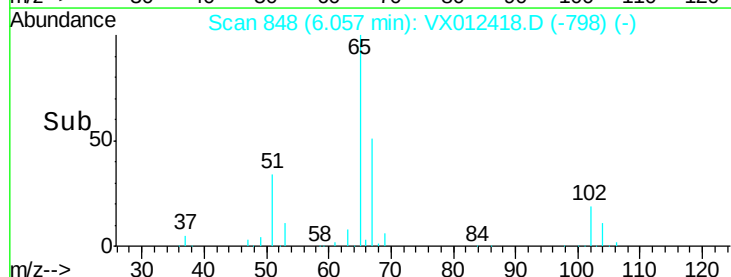
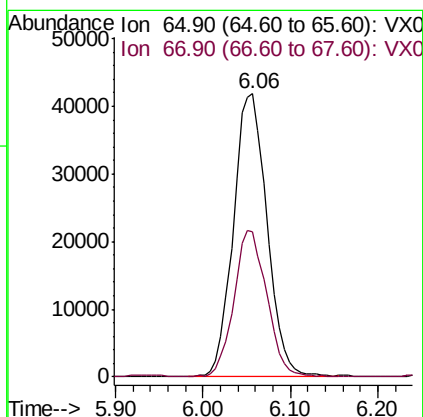
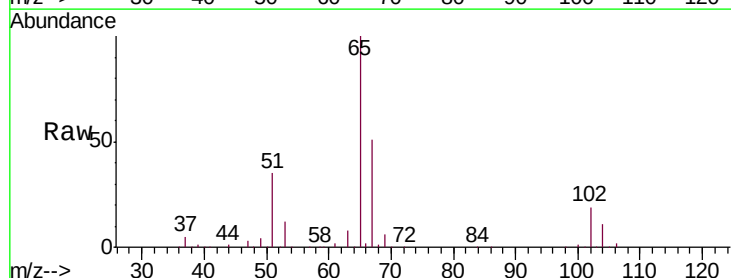
Instrument :
MSVOA_X
ClientSampled :
S13-0279

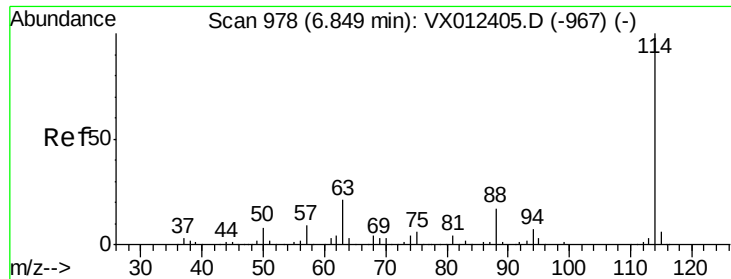
Tgt Ion: 56 Resp: 15308
Ion Ratio Lower Upper
56 100
69 30.5 24.9 37.3
84 83.1 67.2 100.8



#33
1,2-Dichloroethane-d4
Concen: 47.942 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Tgt Ion: 65 Resp: 112255
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.8

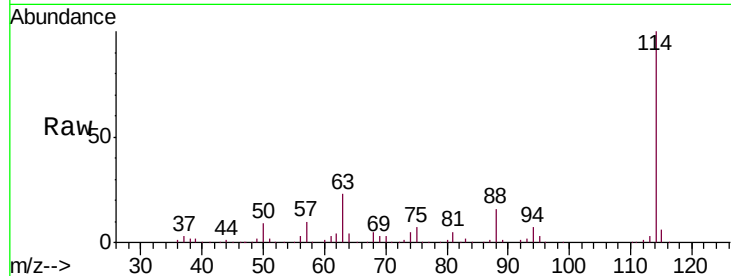




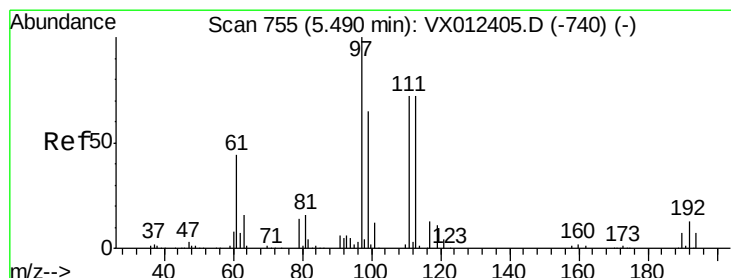
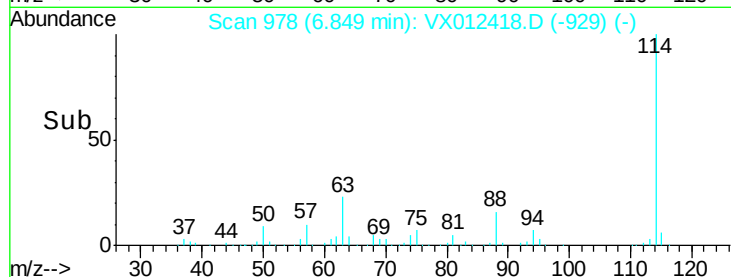
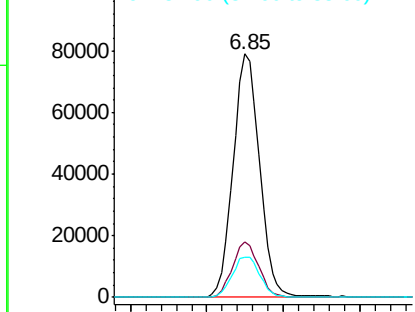
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0279

Tgt Ion:114 Resp: 189710
 Ion Ratio Lower Upper
 114 100
 63 23.0 0.0 42.4
 88 16.4 0.0 33.4

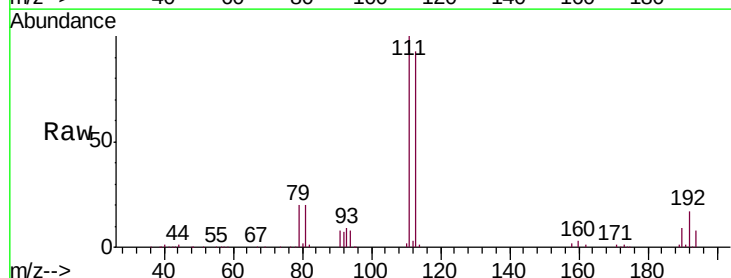


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

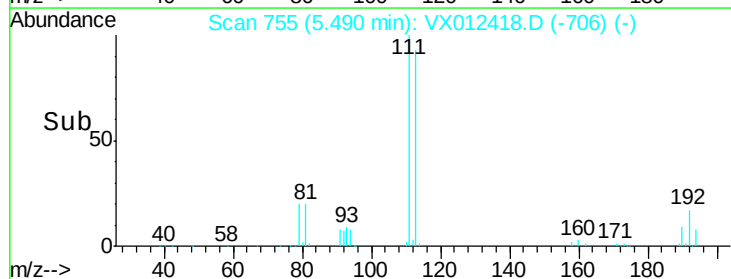
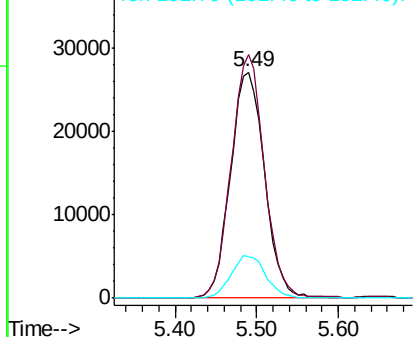


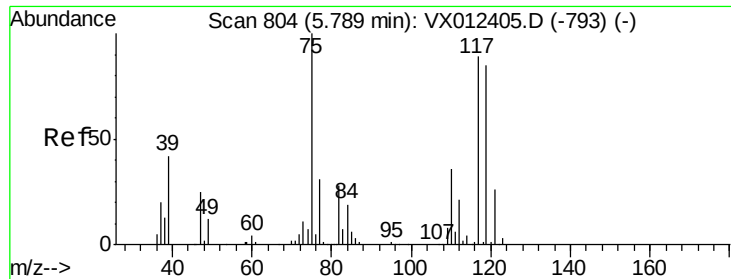
#35
 Dibromofluoromethane
 Concen: 42.600 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

Tgt Ion:113 Resp: 78286
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.8 122.6
 192 19.1 15.0 22.4



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

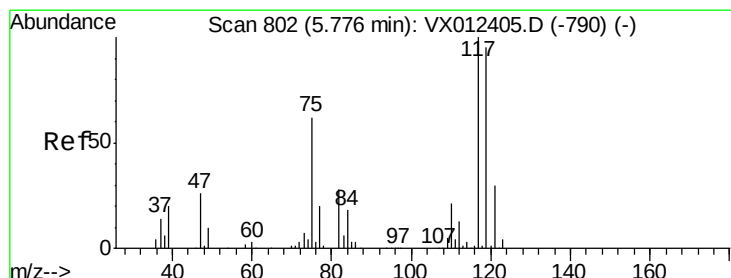
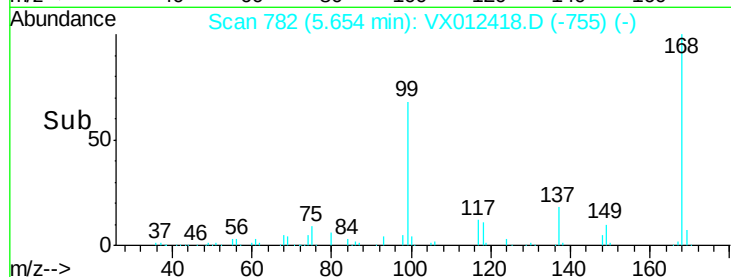
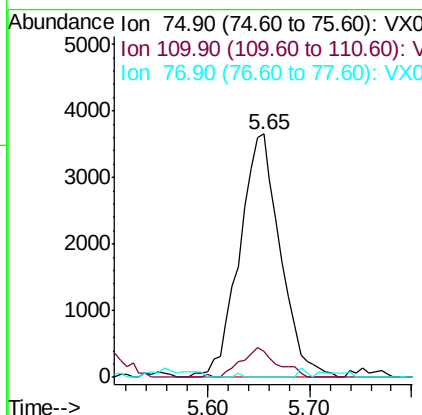
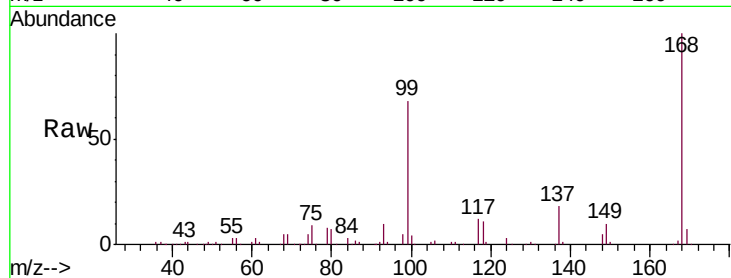




#36
 1,1-Dichloropropene
 Concen: 5.782 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

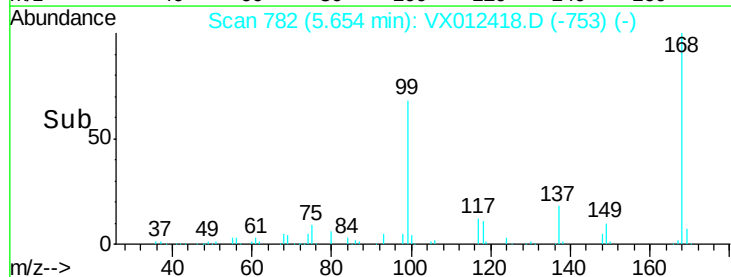
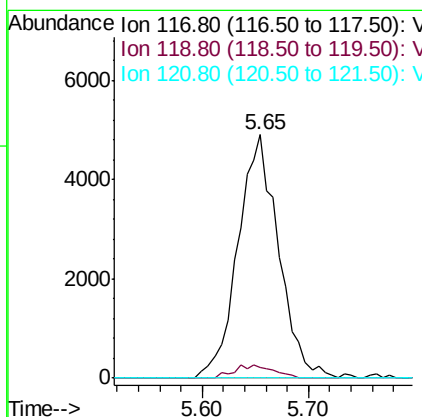
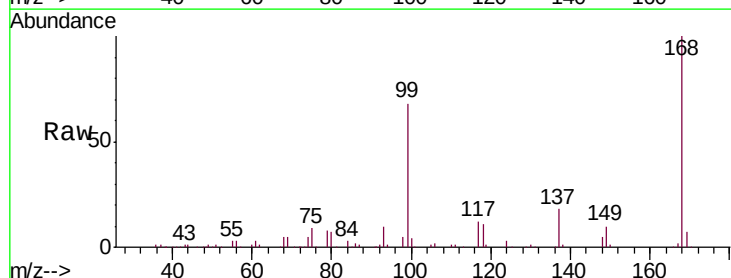
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0279

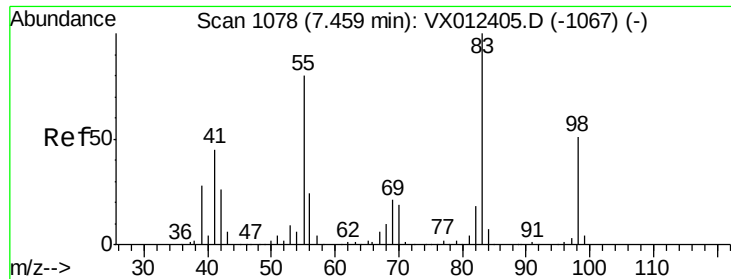
Tgt Ion: 75 Resp: 10136
 Ion Ratio Lower Upper
 75 100
 110 10.6 17.4 52.2#
 77 0.0 24.8 37.2#



#38
 Carbon Tetrachloride
 Concen: 6.122 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.12 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

Tgt Ion: 117 Resp: 13097
 Ion Ratio Lower Upper
 117 100
 119 4.5 75.8 113.8#
 121 0.0 23.8 35.6#

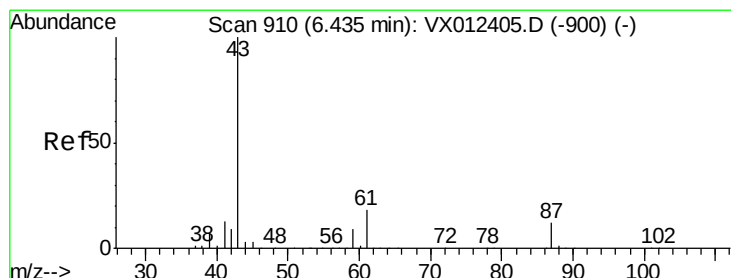
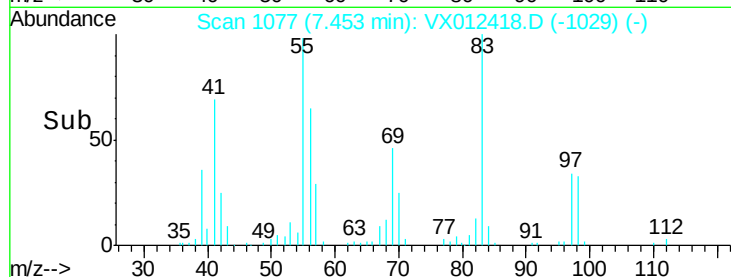
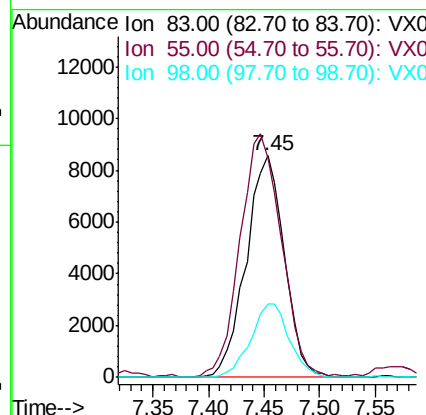
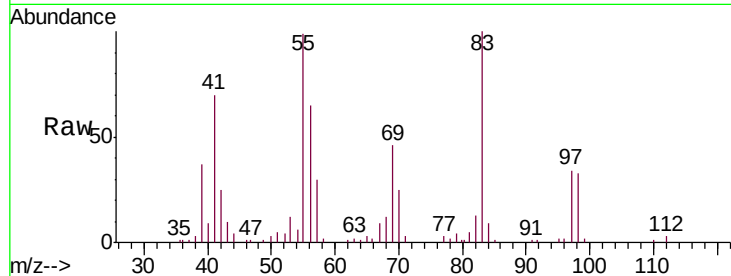




#39
Methylcyclohexane
Concen: 12.175 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

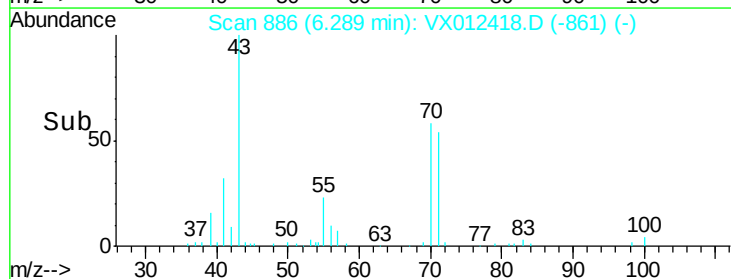
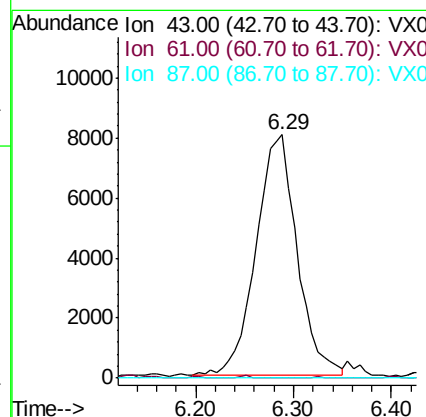
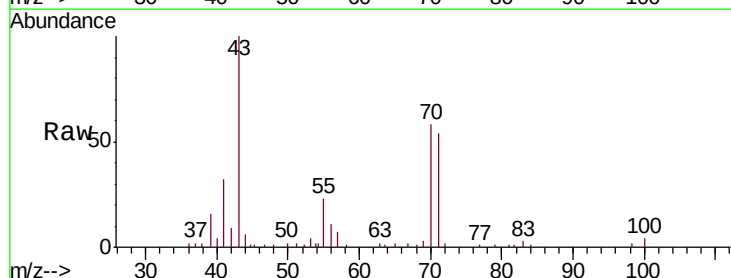
Instrument :
MSVOA_X
ClientSampleId :
S13-0279

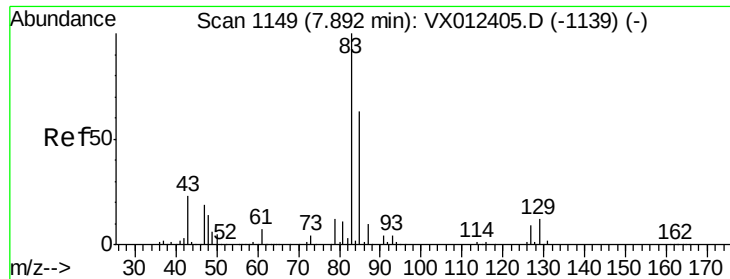
Tgt Ion: 83 Resp: 20502
Ion Ratio Lower Upper
83 100
55 98.9 63.8 95.6#
98 33.1 40.6 61.0#



#43
Isopropyl Acetate
Concen: 5.061 ug/l
RT: 6.29 min Scan# 886
Delta R.T. -0.15 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Tgt Ion: 43 Resp: 23440
Ion Ratio Lower Upper
43 100
61 0.0 15.5 23.3#
87 0.0 10.0 15.0#





#47

Bromodichloromethane

Concen: 0.650 ug/l

RT: 7.84 min Scan# 1141

Delta R.T. -0.05 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

S13-0279

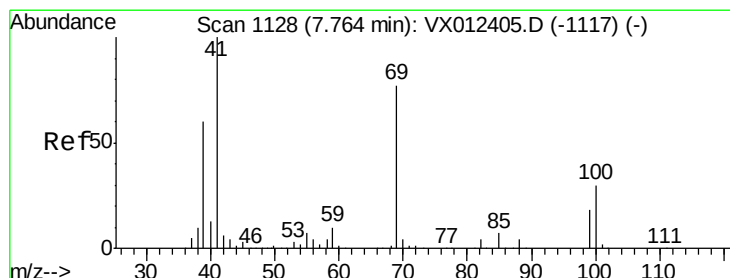
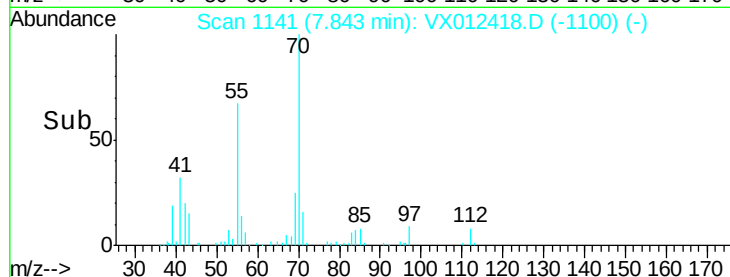
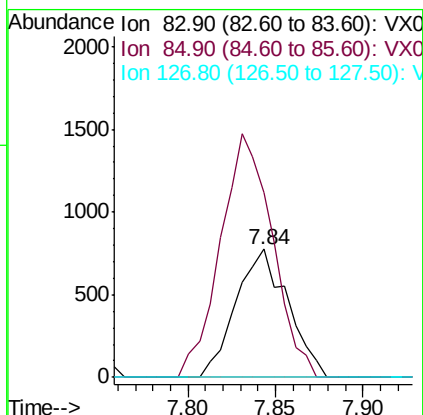
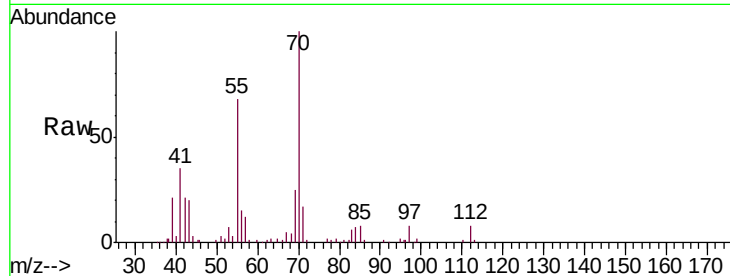
Tgt Ion: 83 Resp: 1598

Ion Ratio Lower Upper

83 100

85 143.9 50.2 75.4#

127 0.0 6.9 10.3#



#48

Methyl methacrylate

Concen: 1.977 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.04 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

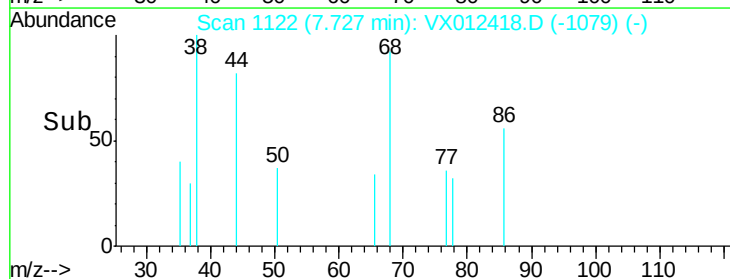
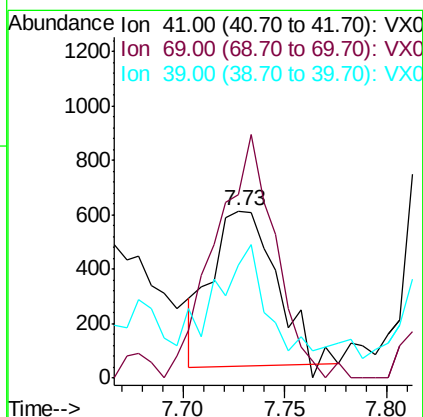
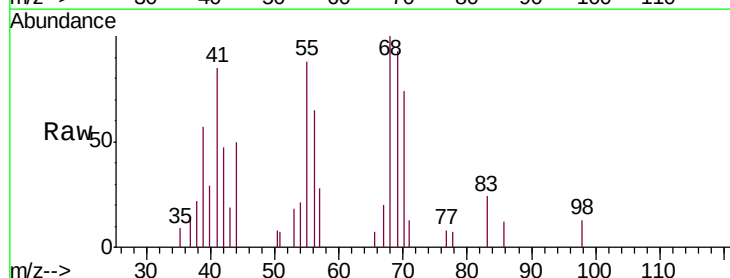
Tgt Ion: 41 Resp: 1248

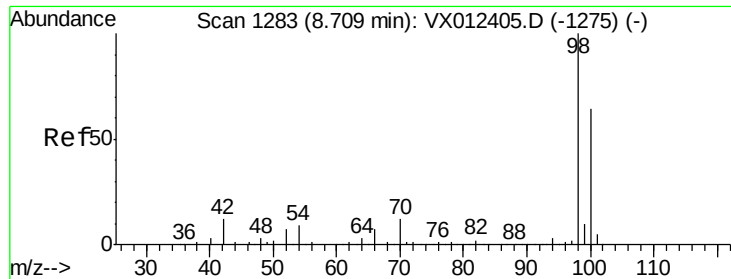
Ion Ratio Lower Upper

41 100

69 146.5 61.6 92.4#

39 49.6 47.6 71.4

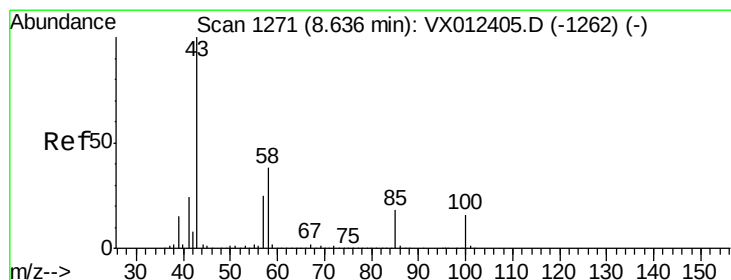
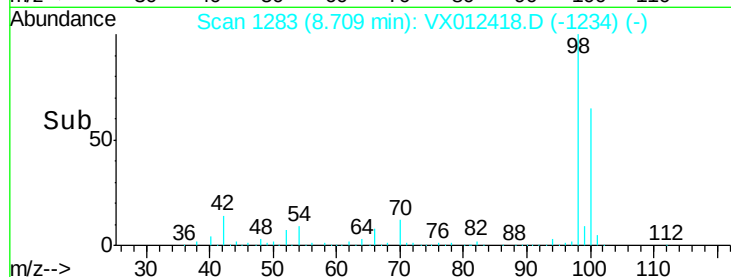
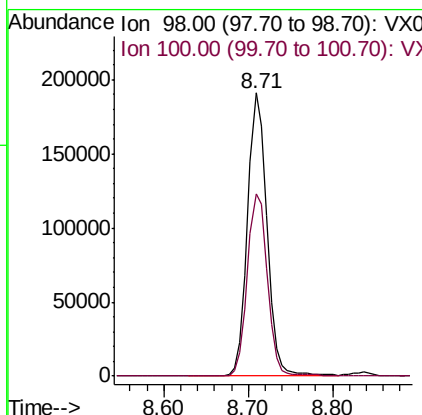
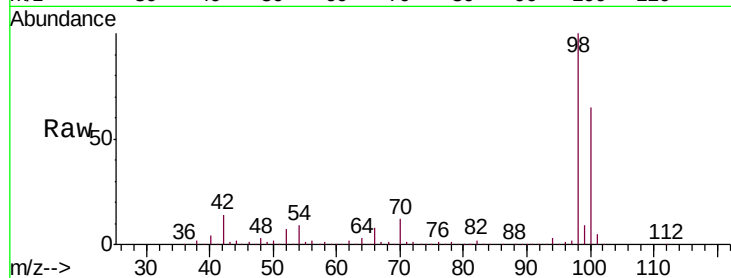




#50
Toluene-d8
Concen: 45.146 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

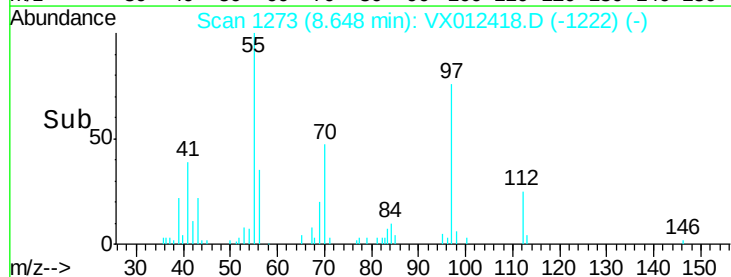
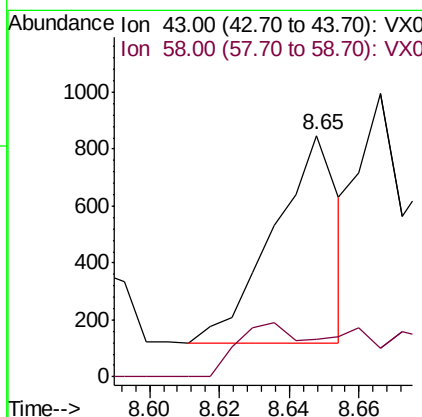
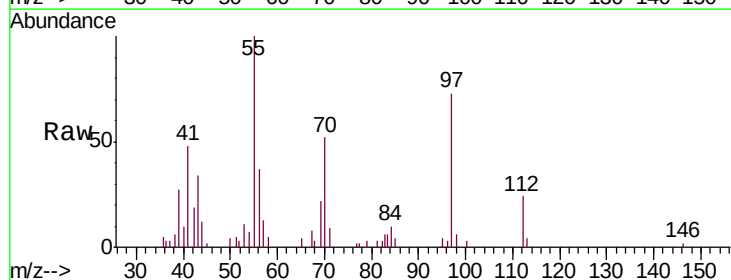
Instrument :
MSVOA_X
ClientSampleId :
S13-0279

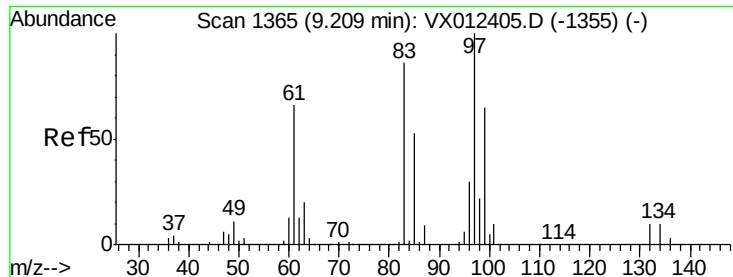
Tgt Ion: 98 Resp: 294407
Ion Ratio Lower Upper
98 100
100 67.0 54.4 81.6



#51
4-Methyl-2-Pentanone
Concen: 0.313 ug/l
RT: 8.65 min Scan# 1273
Delta R.T. 0.01 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Tgt Ion: 43 Resp: 940
Ion Ratio Lower Upper
43 100
58 28.4 30.2 45.4#

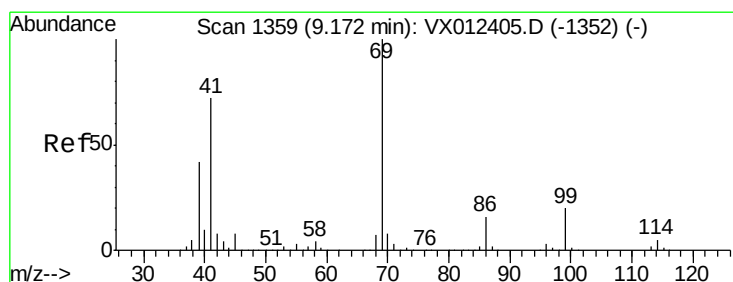
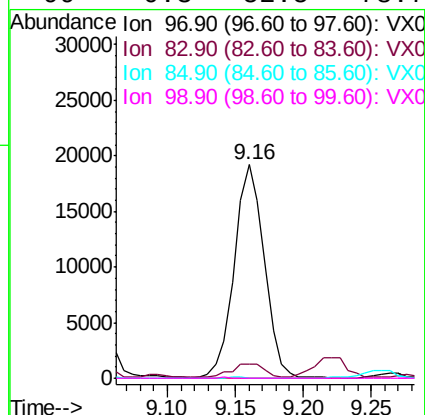
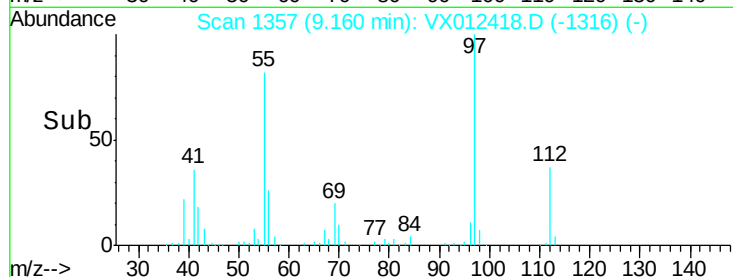
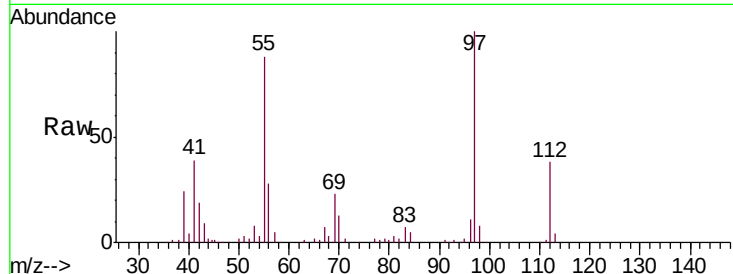




#55
 1,1,2-Trichloroethane
 Concen: 16.054 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.05 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

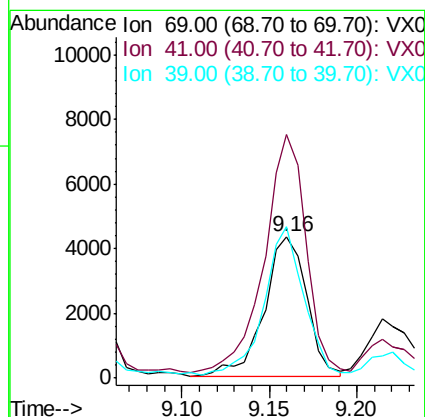
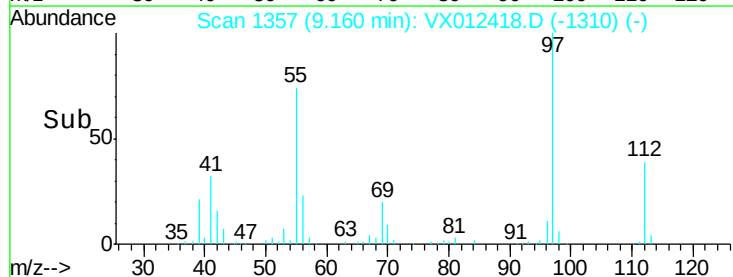
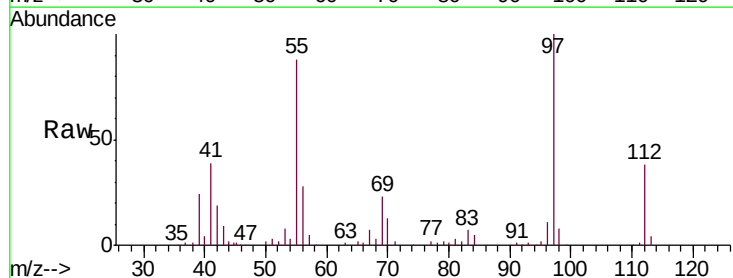
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0279

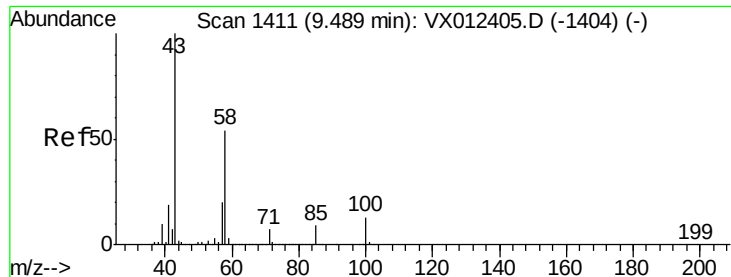
Tgt Ion: 97 Resp: 29663
 Ion Ratio Lower Upper
 97 100
 83 6.1 68.5 102.7#
 85 0.0 42.6 64.0#
 99 0.3 52.5 78.7#



#56
 Ethyl methacrylate
 Concen: 2.632 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.01 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

Tgt Ion: 69 Resp: 7317
 Ion Ratio Lower Upper
 69 100
 41 165.0 57.0 85.6#
 39 97.9 32.6 49.0#

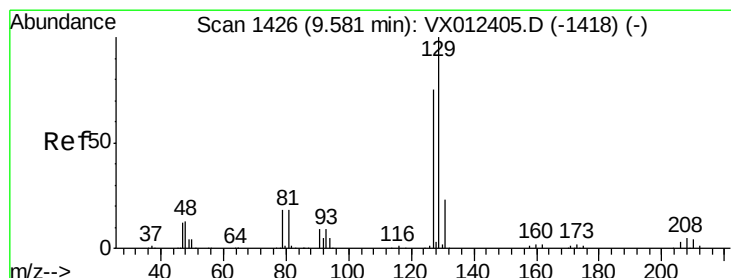
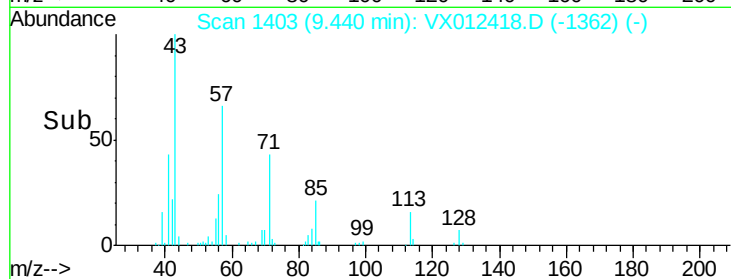
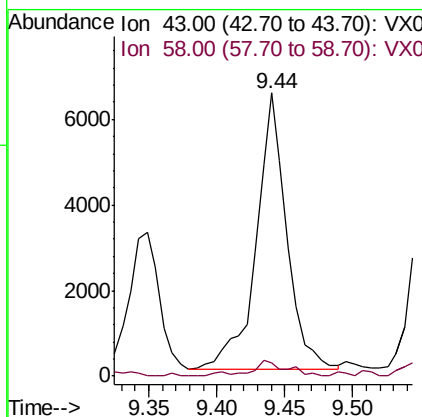
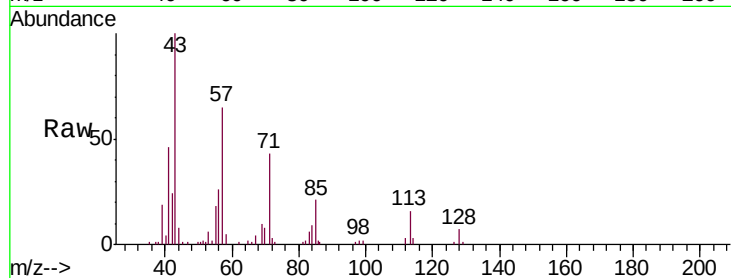




#59
2-Hexanone
Concen: 4.382 ug/l
RT: 9.44 min Scan# 1403
Delta R.T. -0.05 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

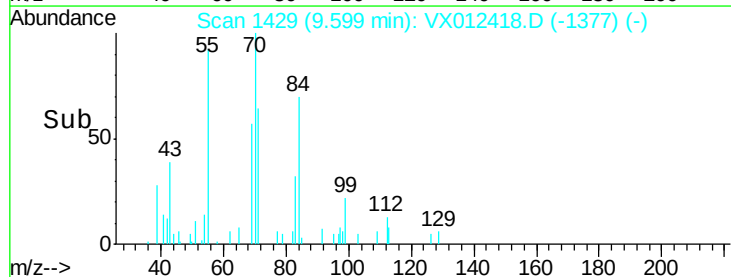
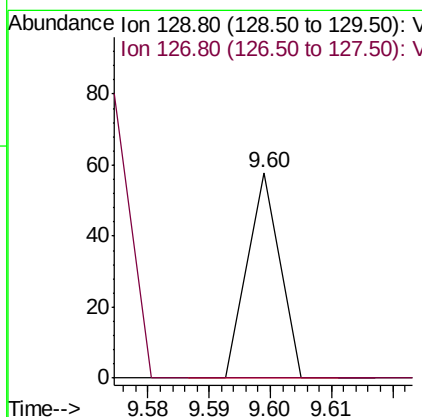
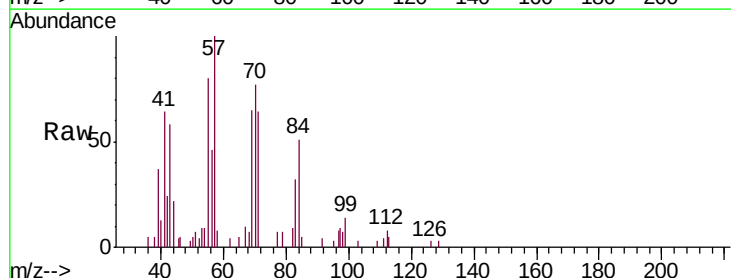
Instrument :
MSVOA_X
ClientSampleId :
S13-0279

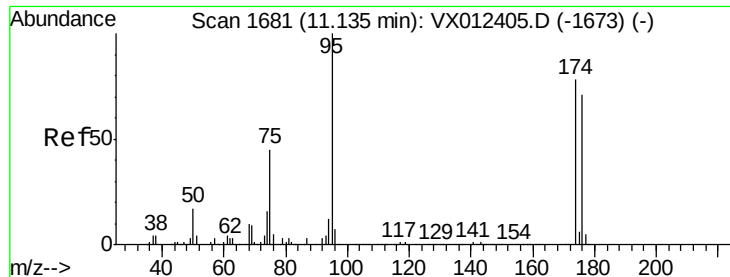
Tgt Ion: 43 Resp: 10138
Ion Ratio Lower Upper
43 100
58 5.4 26.4 79.0#



#60
Dibromochloromethane
Concen: 1.753 ug/l
RT: 9.60 min Scan# 1429
Delta R.T. 0.02 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Tgt Ion: 129 Resp: 21
Ion Ratio Lower Upper
129 100
127 0.0 38.1 114.3#





#62

4-Bromofluorobenzene

Concen: 42.516 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

S13-0279

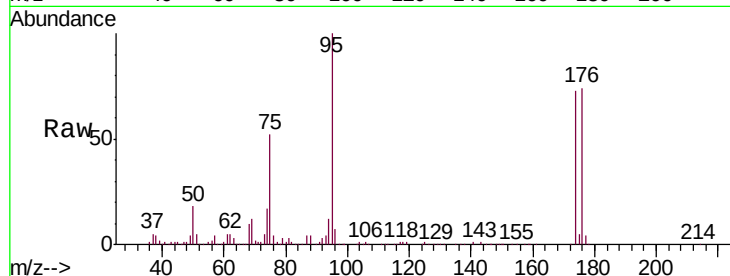
Tgt Ion: 95 Resp: 116648

Ion Ratio Lower Upper

95 100

174 69.4 0.0 146.0

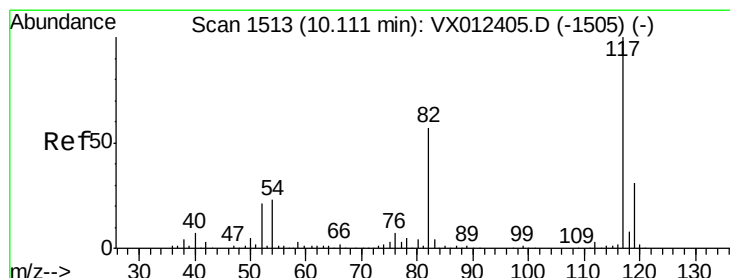
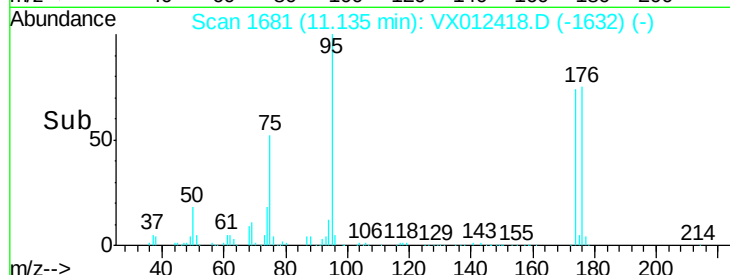
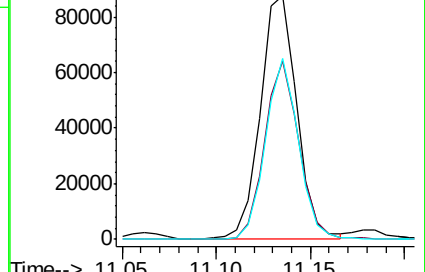
176 67.9 0.0 137.6



Abundance Ion 94.90 (94.60 to 95.60): VX012418.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012418.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012418.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

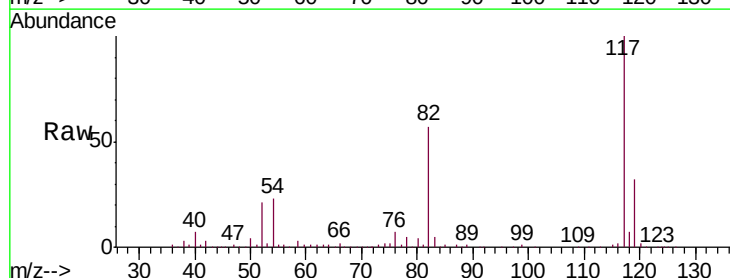
Tgt Ion: 117 Resp: 176444

Ion Ratio Lower Upper

117 100

82 56.3 45.8 68.6

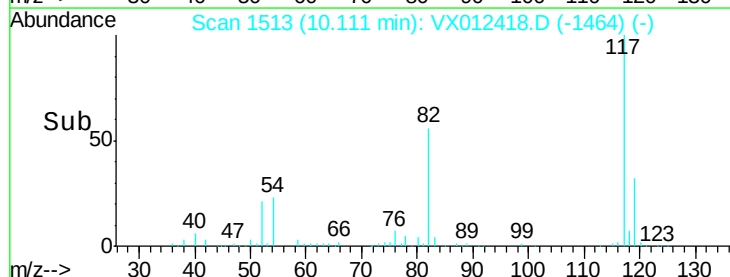
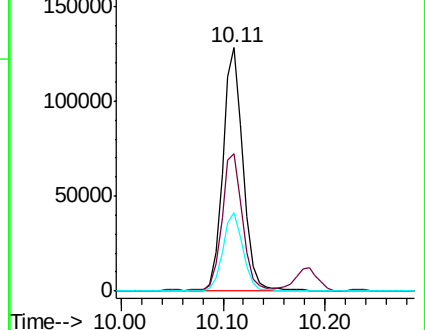
119 32.4 24.9 37.3

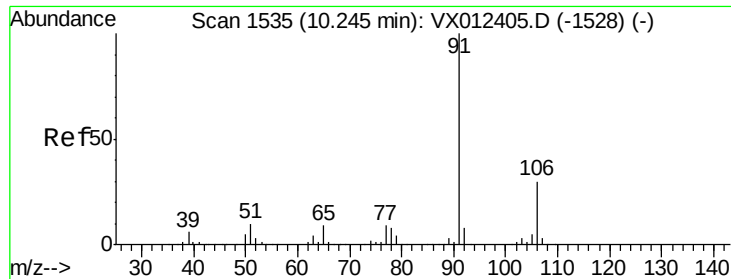


Abundance Ion 116.90 (116.60 to 117.60): VX012418.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012418.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012418.D (-1464) (-)

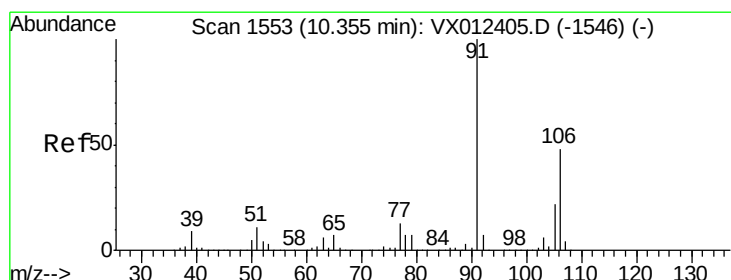
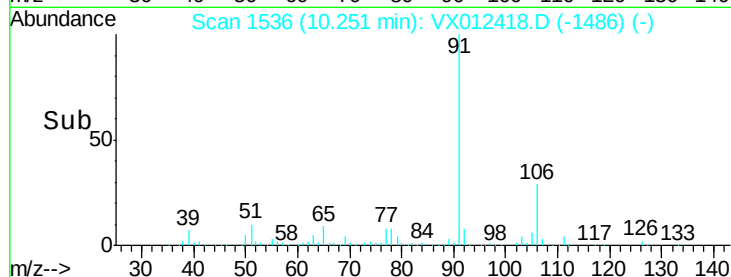
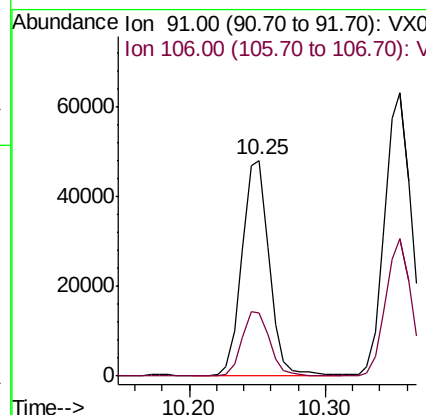
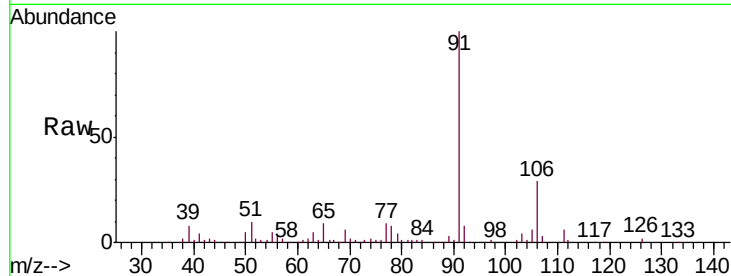




#67
Ethyl Benzene
Concen: 9.493 ug/l
RT: 10.25 min Scan# 1536
Delta R.T. 0.01 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

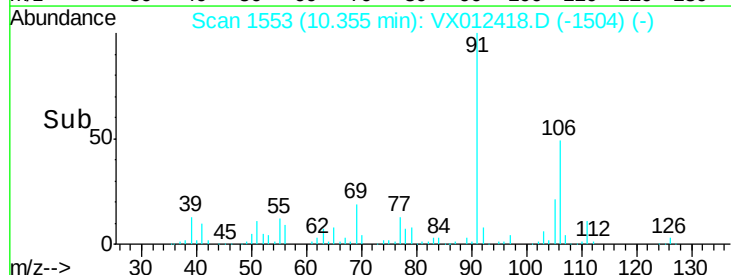
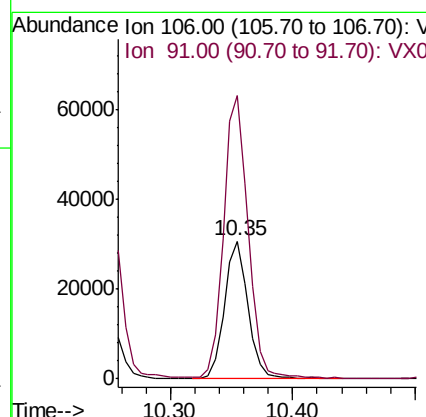
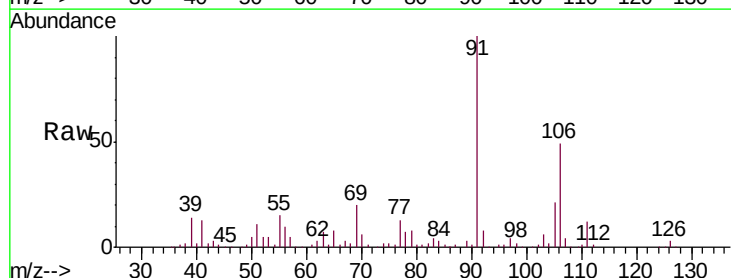
Instrument :
MSVOA_X
ClientSampled :
S13-0279

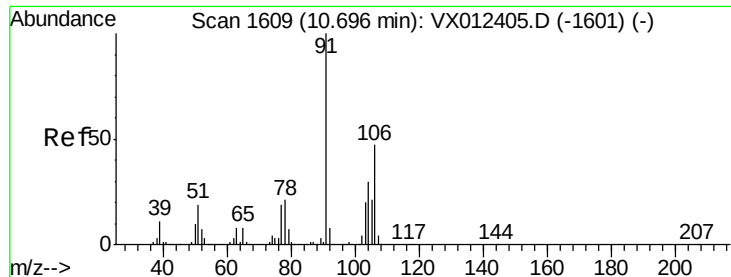
Tgt Ion: 91 Resp: 66741
Ion Ratio Lower Upper
91 100
106 29.4 24.0 36.0



#68
m/p-Xylenes
Concen: 15.871 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Tgt Ion: 106 Resp: 41188
Ion Ratio Lower Upper
106 100
91 213.0 167.4 251.0

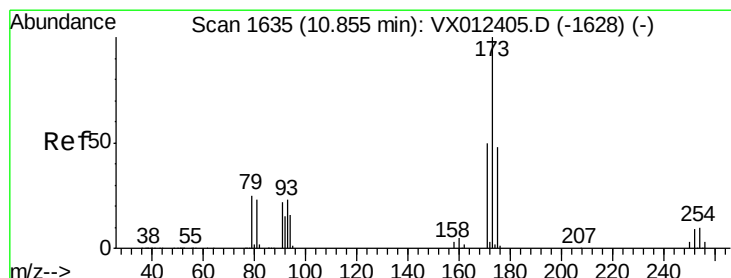
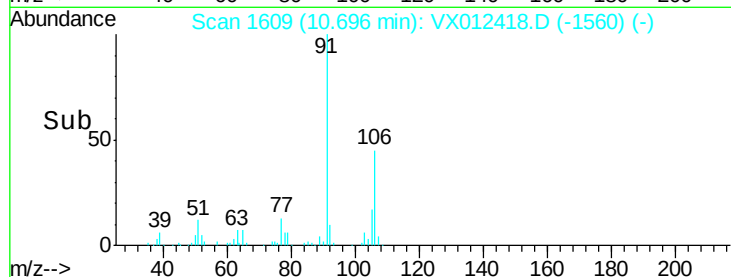
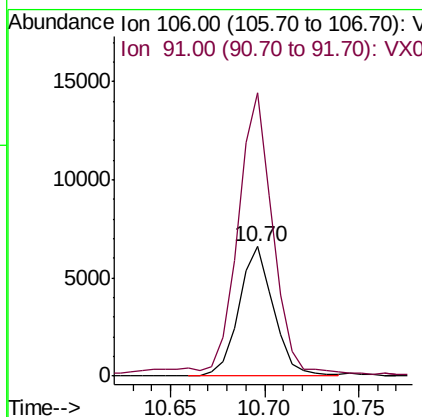
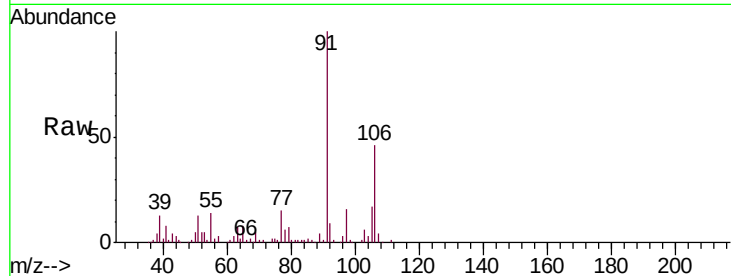




#69
o-Xylene
Concen: 3.123 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

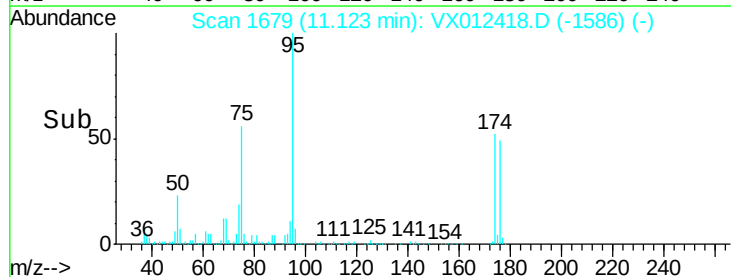
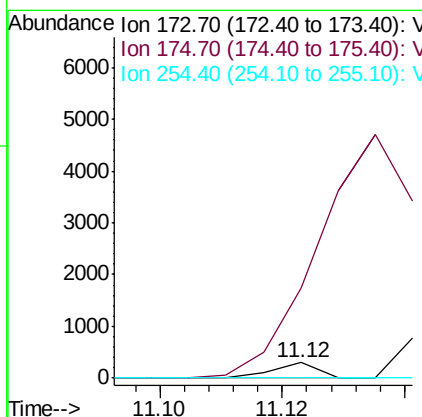
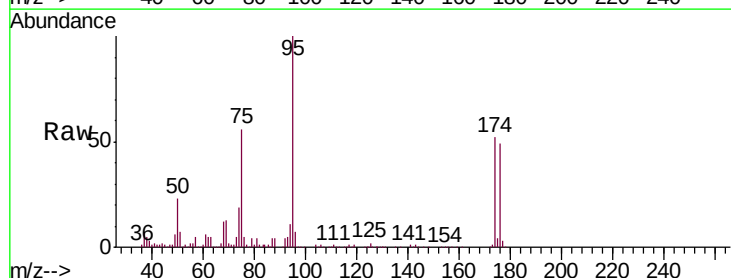
Instrument :
MSVOA_X
ClientSampleId :
S13-0279

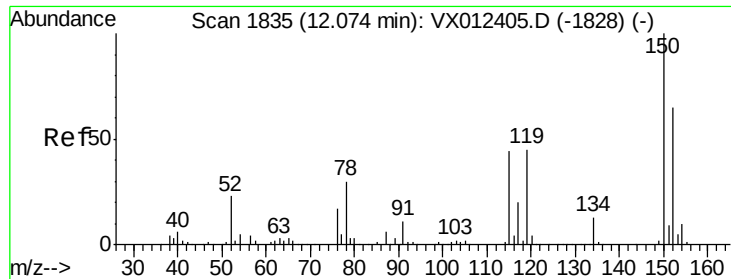
Tgt Ion:106 Resp: 8405
Ion Ratio Lower Upper
106 100
91 214.7 107.8 323.6



#71
Bromoform
Concen: 2.156 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.27 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Tgt Ion:173 Resp: 149
Ion Ratio Lower Upper
173 100
175 0.0 24.3 73.0#
254 0.0 0.1 0.1#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

S13-0279

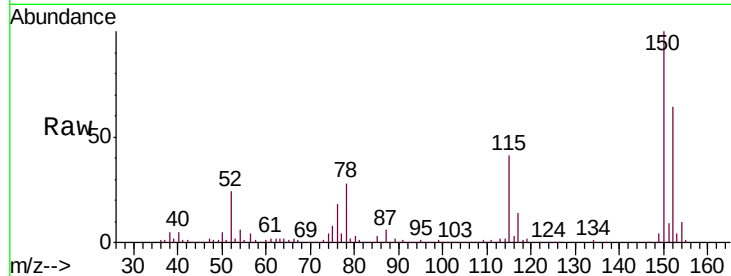
Tgt Ion:152 Resp: 98969

Ion Ratio Lower Upper

152 100

115 65.6 45.3 135.9

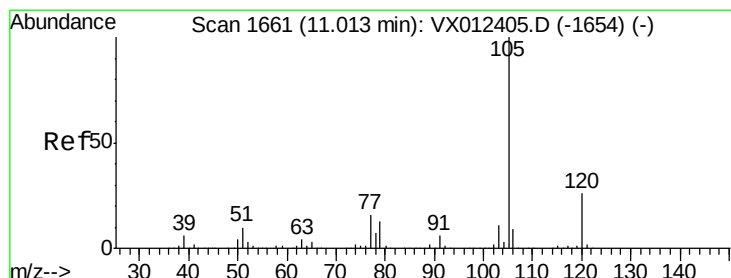
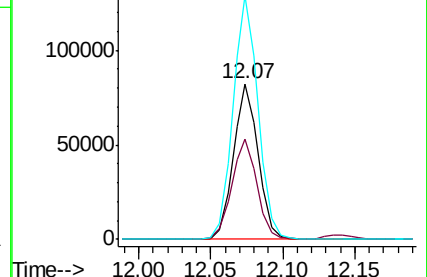
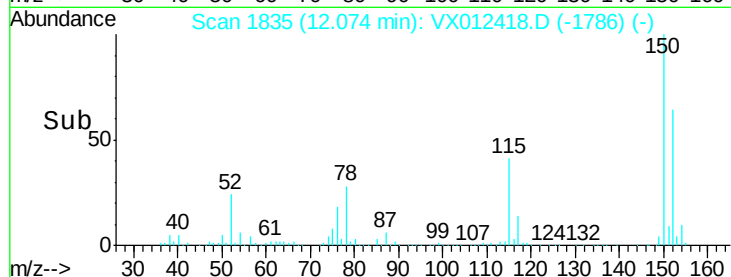
150 158.3 0.0 354.0



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: 12.318 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012418.D

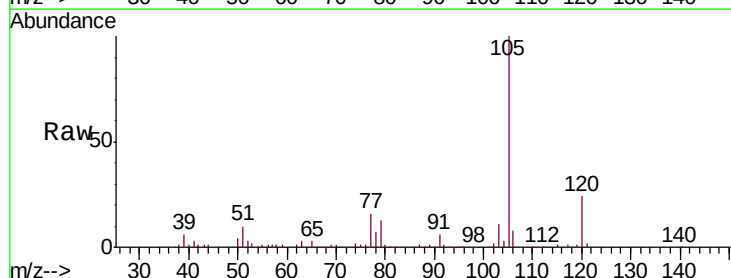
Acq: 16 Sep 2019 20:15

Tgt Ion:105 Resp: 84694

Ion Ratio Lower Upper

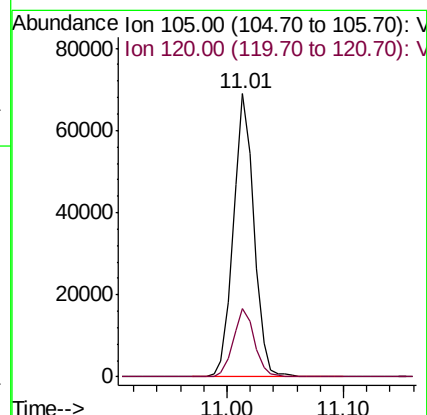
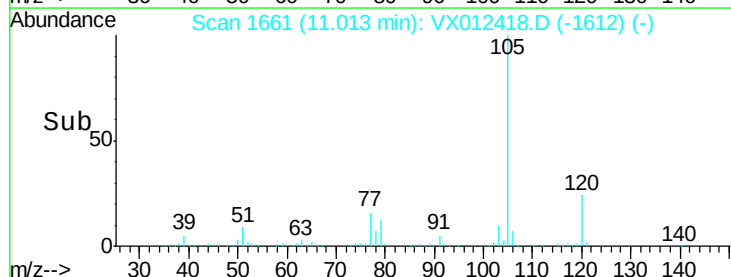
105 100

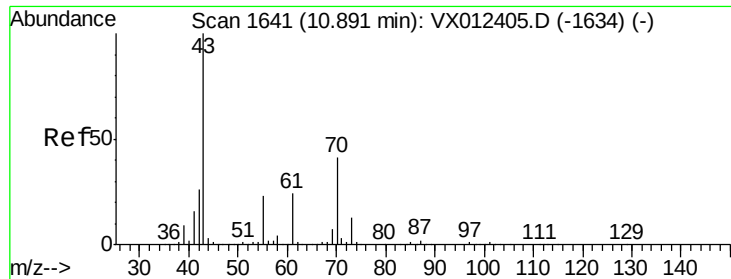
120 24.8 13.2 39.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amyl acetate

Concen: 0.914 ug/l

RT: 10.91 min Scan# 1644

Delta R.T. 0.02 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

S13-0279

Tgt Ion: 43 Resp: 3330

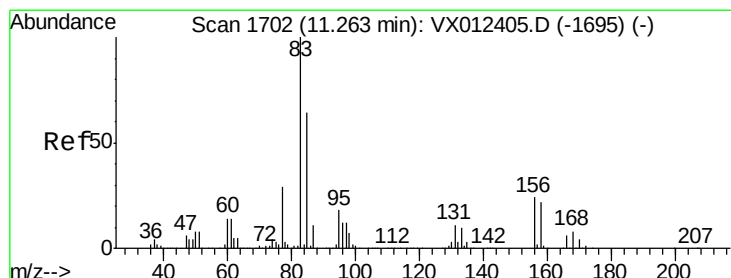
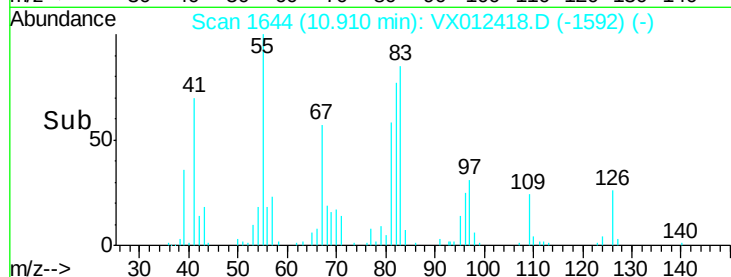
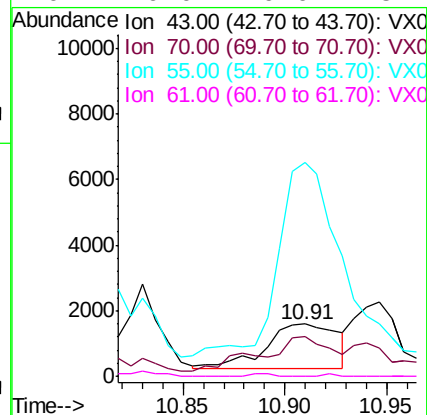
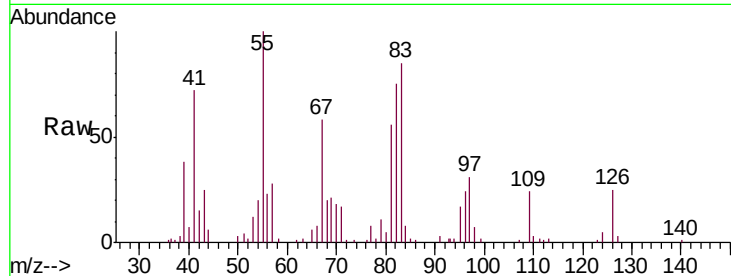
Ion Ratio Lower Upper

43 100

70 53.5 32.7 49.1#

55 386.8 18.9 28.3#

61 0.0 19.0 28.4#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.708 ug/l

RT: 11.28 min Scan# 1704

Delta R.T. 0.01 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

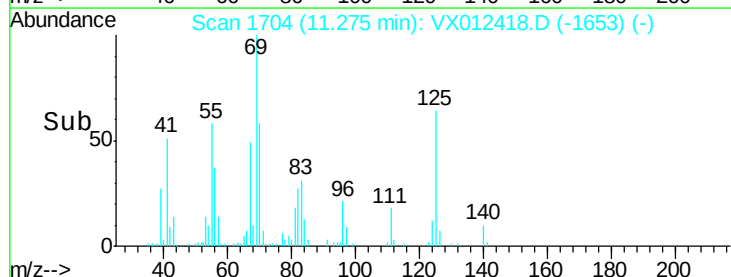
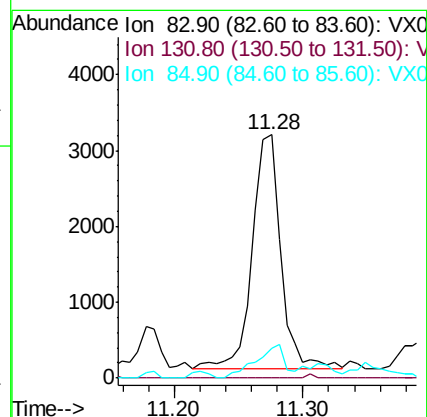
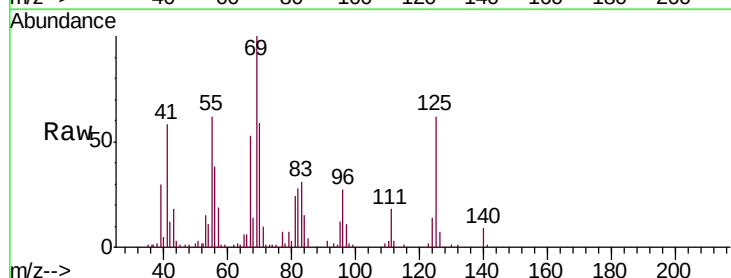
Tgt Ion: 83 Resp: 4709

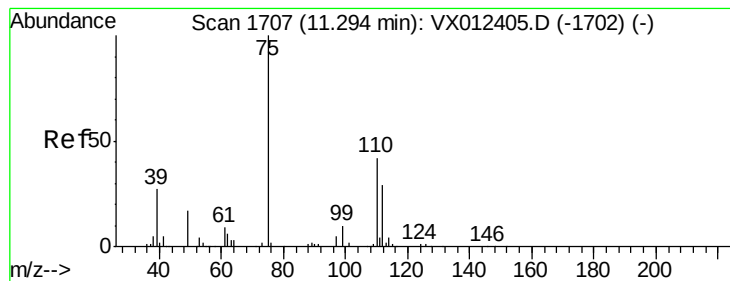
Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.4#

85 14.5 32.9 98.7#





#76

1,2,3-Trichloropropane

Concen: 23.686 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampled :

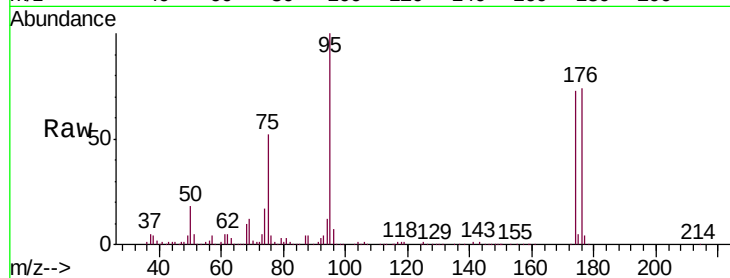
S13-0279

Tgt Ion: 75 Resp: 60598

Ion Ratio Lower Upper

75 100

77 1.1 19.4 58.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

50000

40000

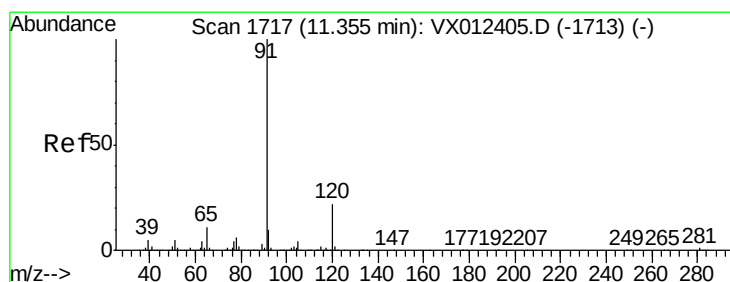
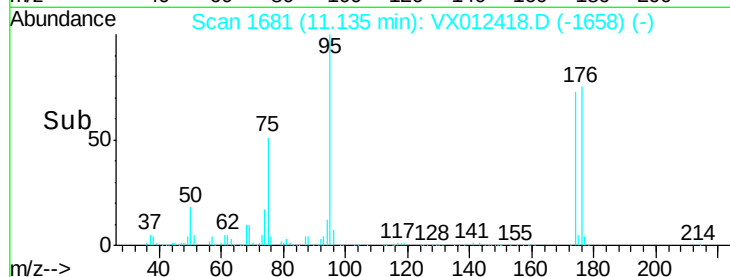
30000

20000

10000

0

Time-->



#78

n-propylbenzene

Concen: 11.875 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012418.D

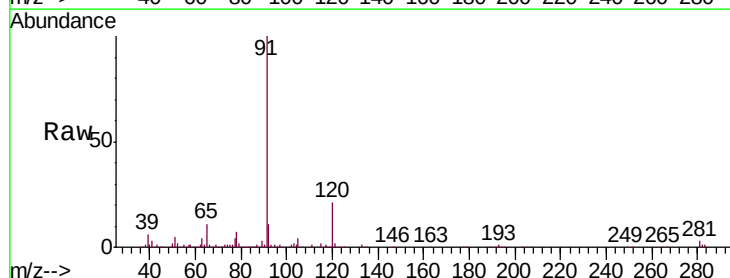
Acq: 16 Sep 2019 20:15

Tgt Ion: 91 Resp: 92276

Ion Ratio Lower Upper

91 100

120 21.8 11.5 34.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.35

80000

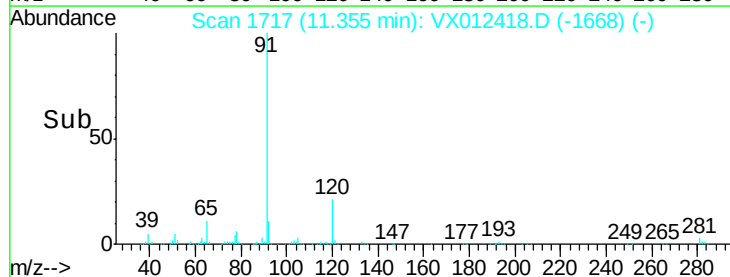
60000

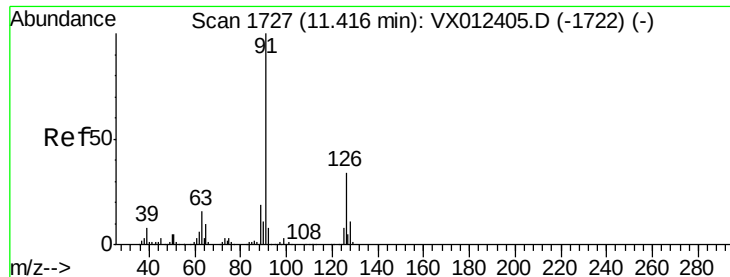
40000

20000

0

Time-->

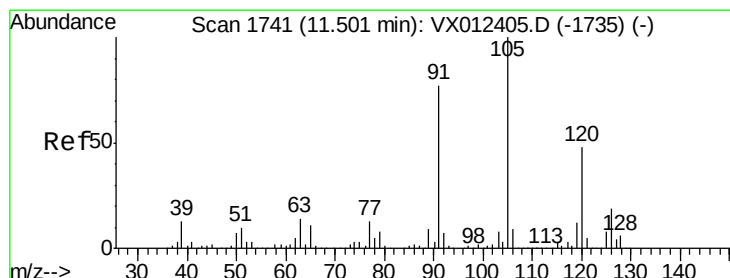
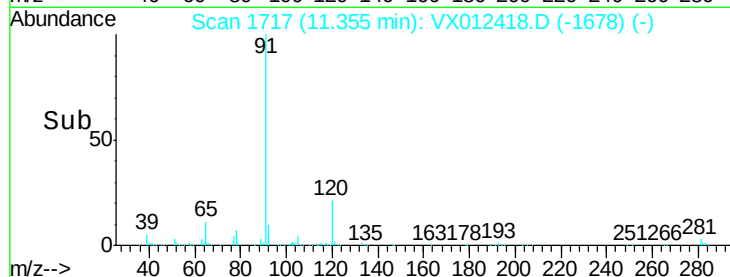
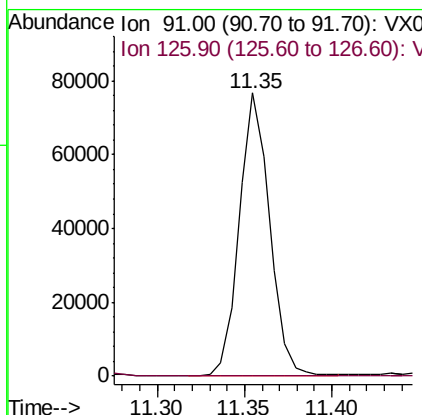
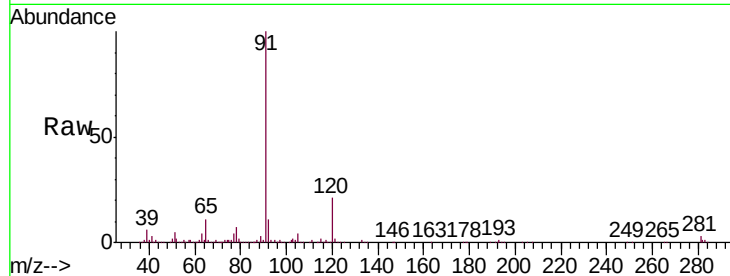




#79
 2-Chlorotoluene
 Concen: 18.498 ug/l
 RT: 11.35 min Scan# 1717
 Delta R.T. -0.06 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

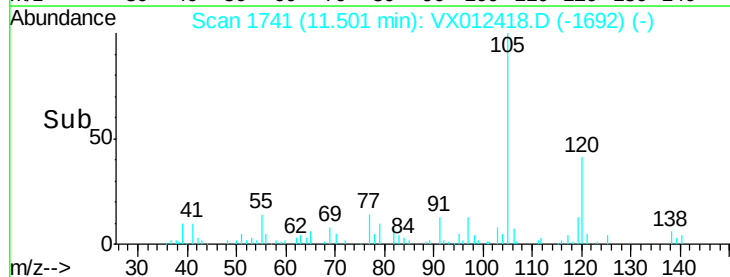
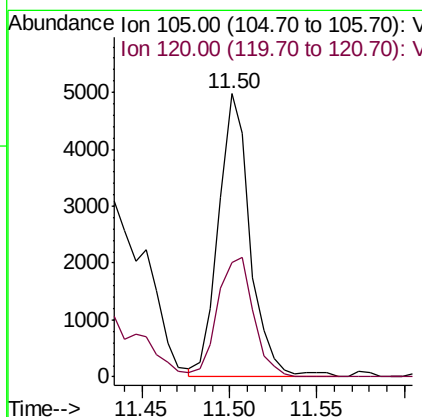
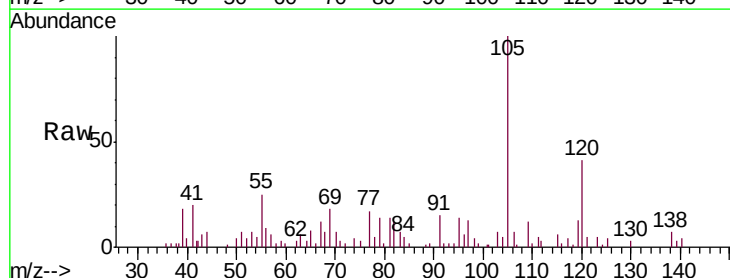
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0279

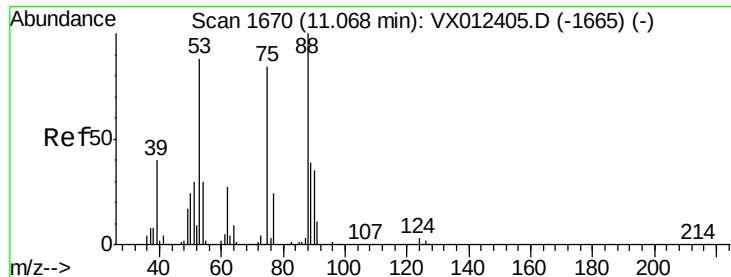
Tgt Ion: 91 Resp: 92276
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.4 49.2#



#80
 1,3,5-Trimethylbenzene
 Concen: 1.050 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

Tgt Ion: 105 Resp: 6287
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.3 72.9

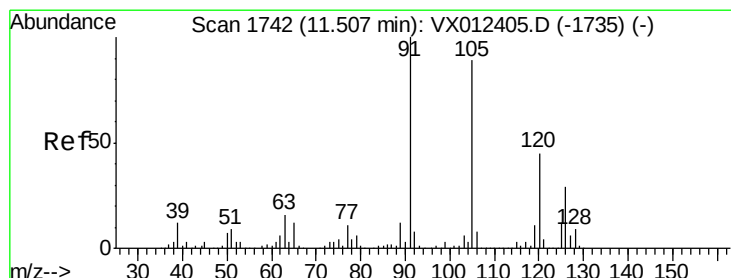
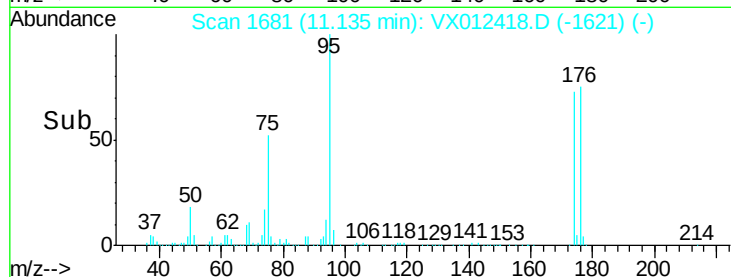
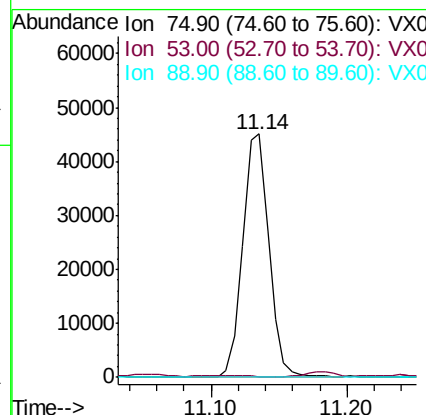
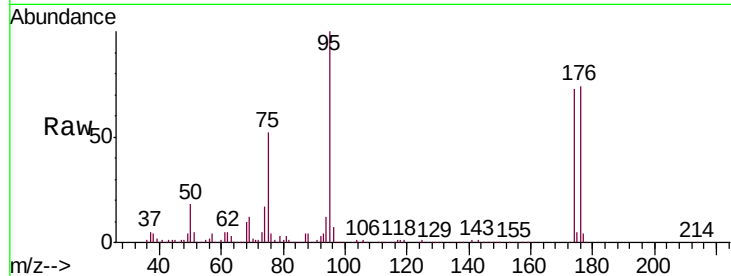




#81
trans-1,4-Dichloro-2-butene
Concen: 66.864 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.07 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

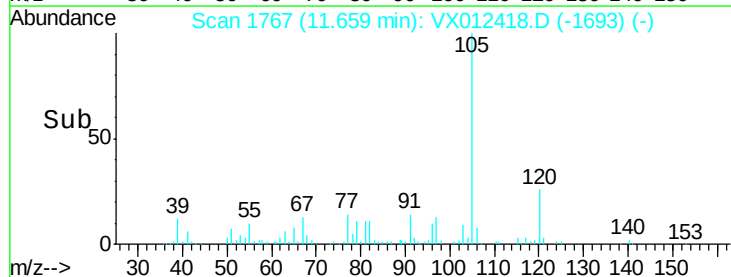
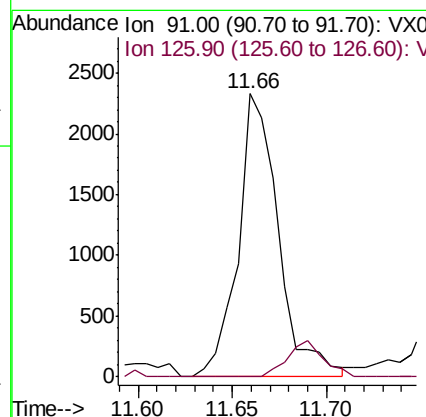
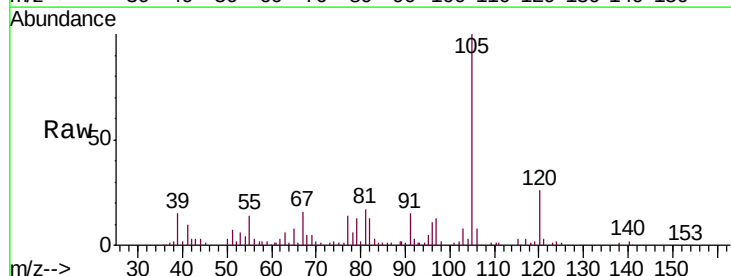
Instrument :
MSVOA_X
ClientSampleId :
S13-0279

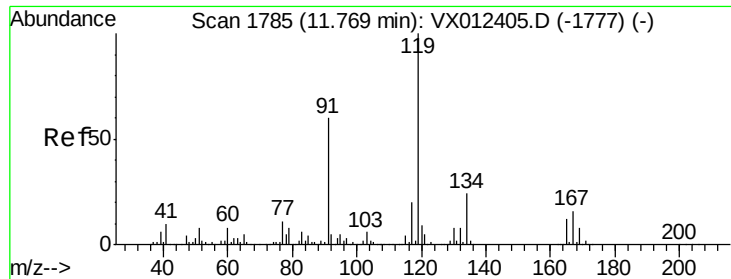
Tgt Ion: 75 Resp: 60598
Ion Ratio Lower Upper
75 100
53 0.7 84.6 127.0#
89 0.0 38.8 58.2#



#82
4-Chlorotoluene
Concen: 0.592 ug/l
RT: 11.66 min Scan# 1767
Delta R.T. 0.15 min
Lab File: VX012418.D
Acq: 16 Sep 2019 20:15

Tgt Ion: 91 Resp: 3445
Ion Ratio Lower Upper
91 100
126 0.0 14.1 42.3#

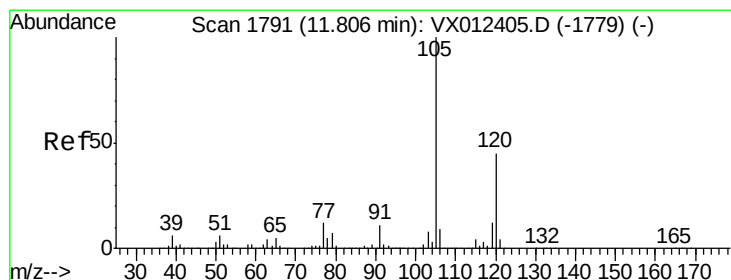
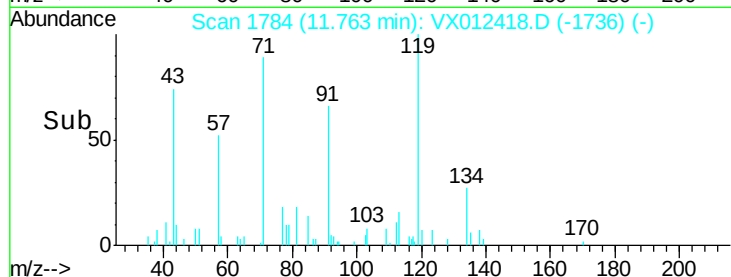
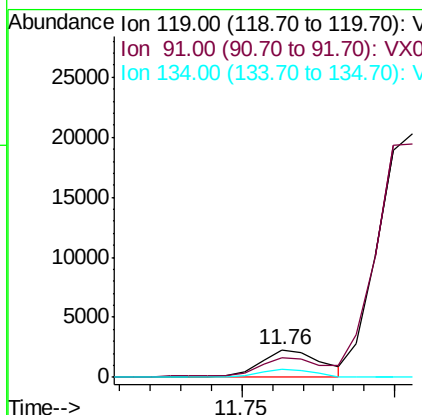
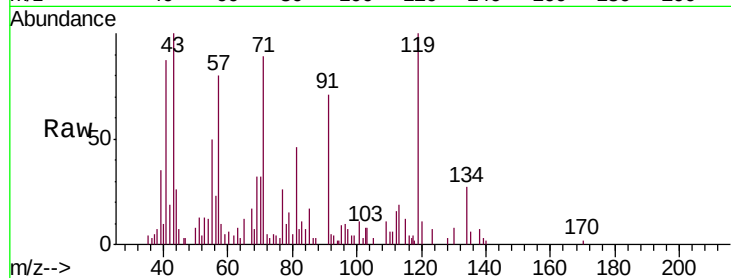




#83
 tert-Butylbenzene
 Concen: 0.496 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

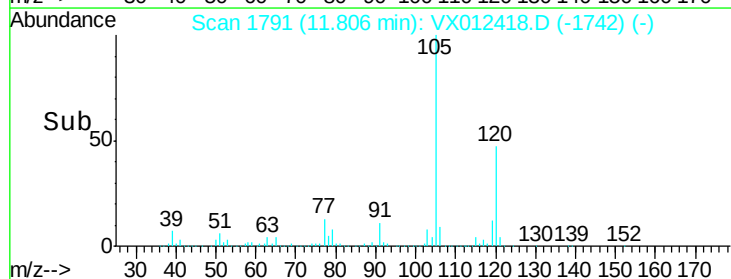
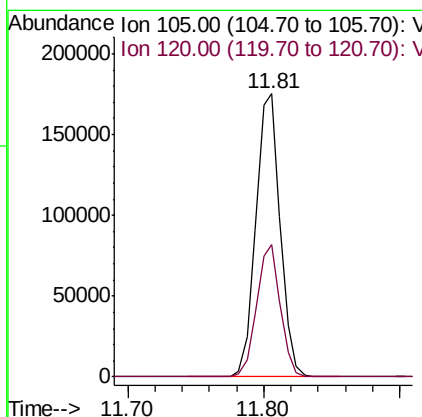
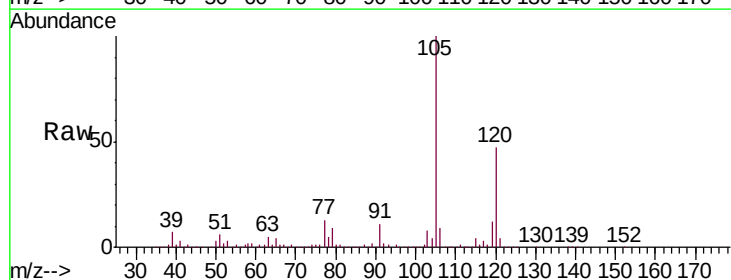
Instrument :
 MSVOA_X
 ClientSampled :
 S13-0279

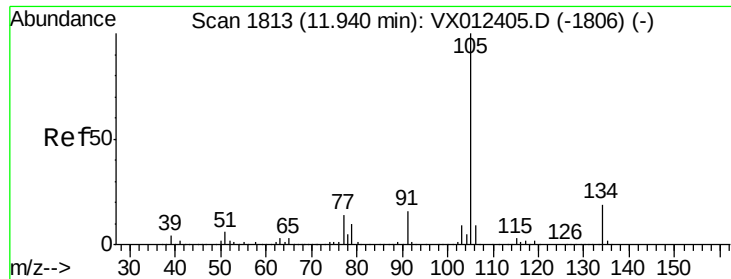
Tgt Ion:119 Resp: 3153
 Ion Ratio Lower Upper
 119 100
 91 77.4 29.6 88.8
 134 25.7 11.4 34.1



#84
 1,2,4-Trimethylbenzene
 Concen: 36.323 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: VX012418.D
 Acq: 16 Sep 2019 20:15

Tgt Ion:105 Resp: 220675
 Ion Ratio Lower Upper
 105 100
 120 45.4 22.1 66.5





#85

sec-Butylbenzene

Concen: 5.355 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

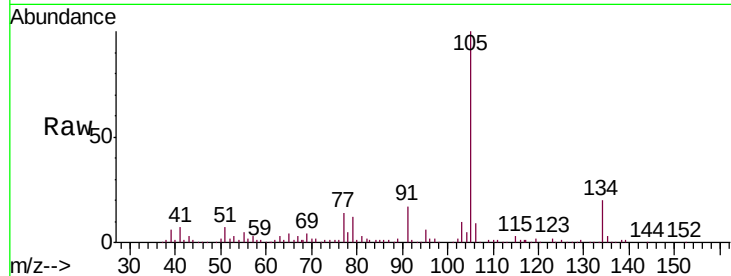
S13-0279

Tgt Ion:105 Resp: 37601

Ion Ratio Lower Upper

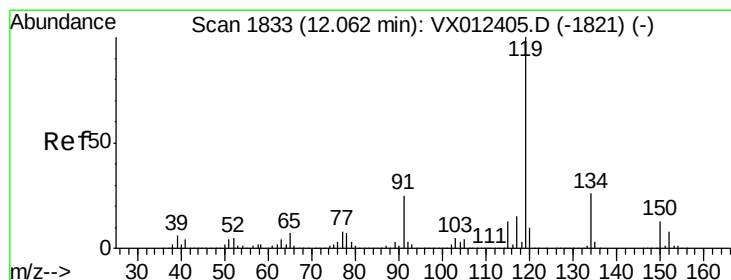
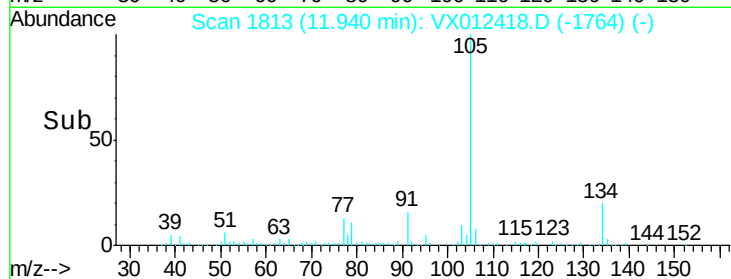
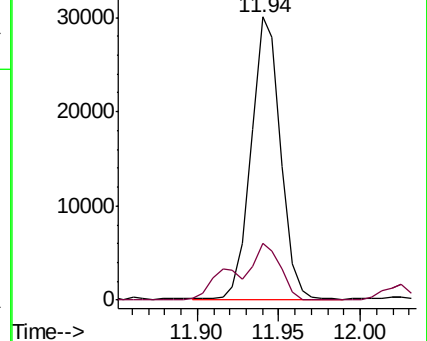
105 100

134 18.6 10.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 2.708 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

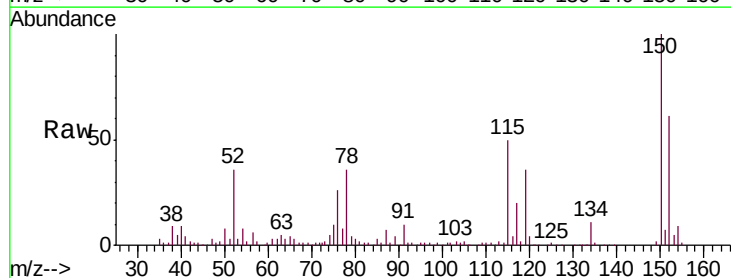
Tgt Ion:119 Resp: 17420

Ion Ratio Lower Upper

119 100

134 29.2 12.9 38.6

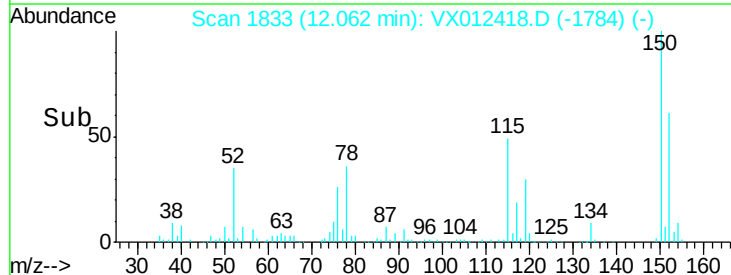
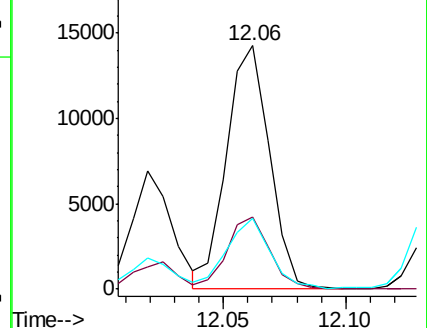
91 28.3 12.9 38.6

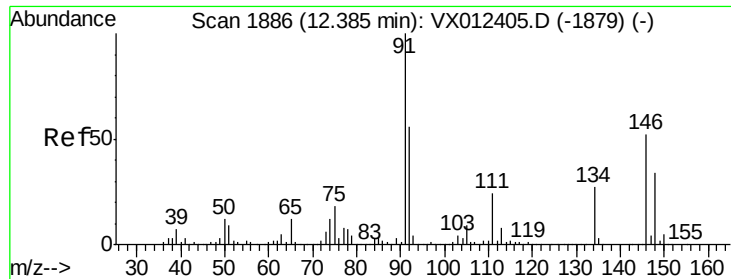


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 2.440 ug/l

RT: 12.37 min Scan# 1883

Delta R.T. -0.02 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

S13-0279

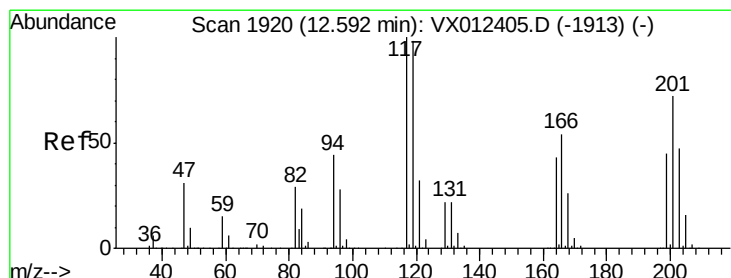
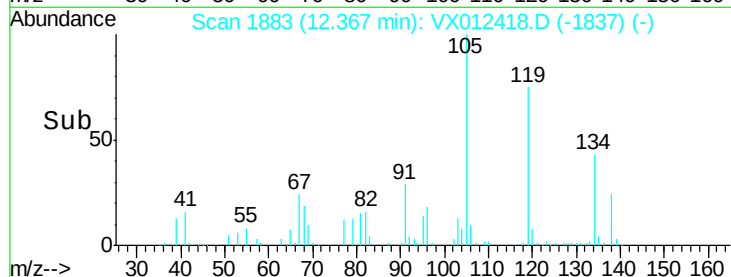
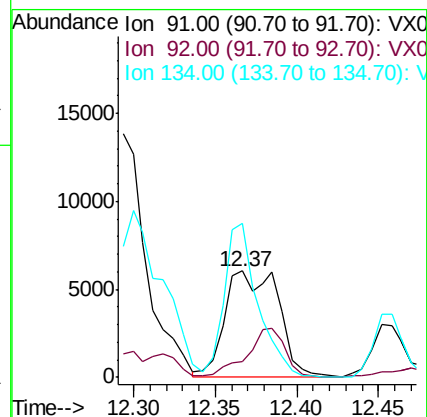
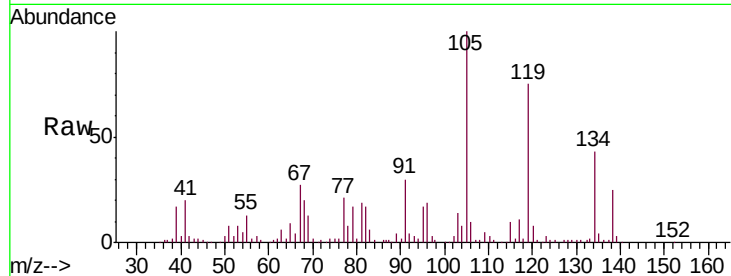
Tgt Ion: 91 Resp: 13861

Ion Ratio Lower Upper

91 100

92 32.8 27.5 82.4

134 91.2 13.2 39.6#



#90

Hexachloroethane

Concen: 3.430 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX012418.D

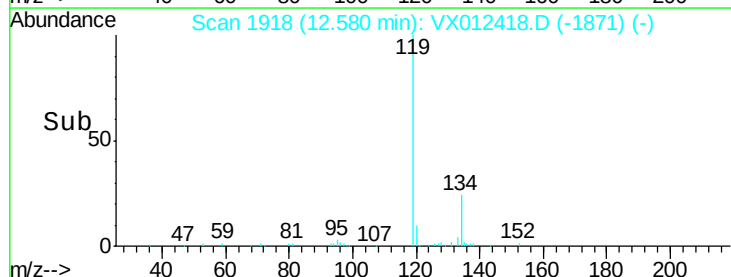
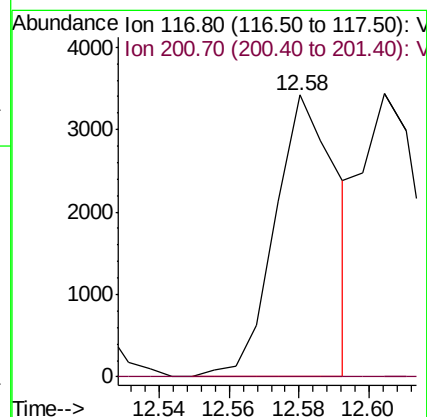
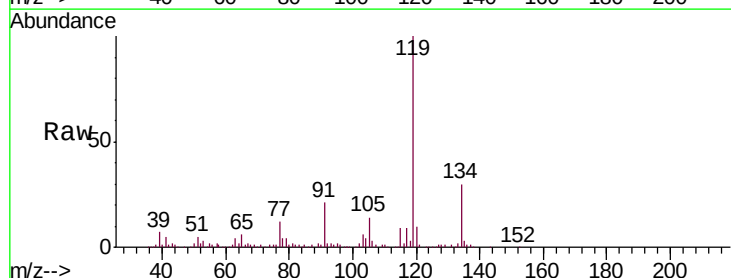
Acq: 16 Sep 2019 20:15

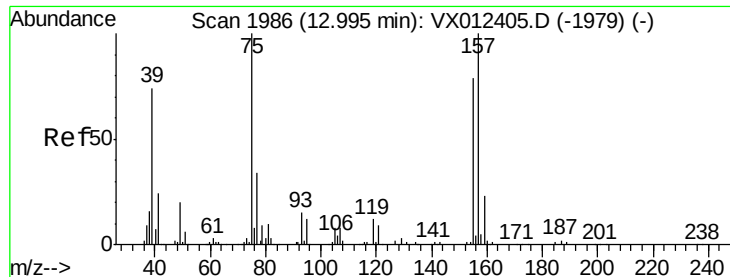
Tgt Ion: 117 Resp: 4265

Ion Ratio Lower Upper

117 100

201 0.0 35.2 105.6#





#92

1,2-Dibromo-3-Chloropropane

Concen: 1.175 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Instrument :

MSVOA_X

ClientSampleId :

S13-0279

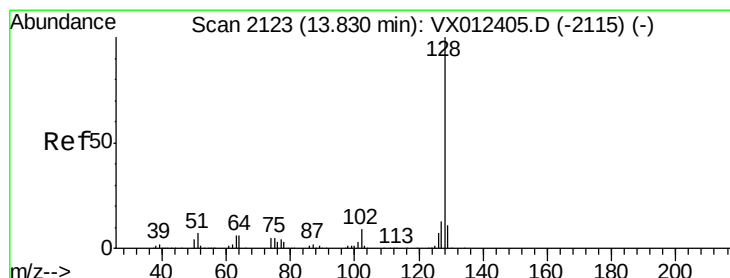
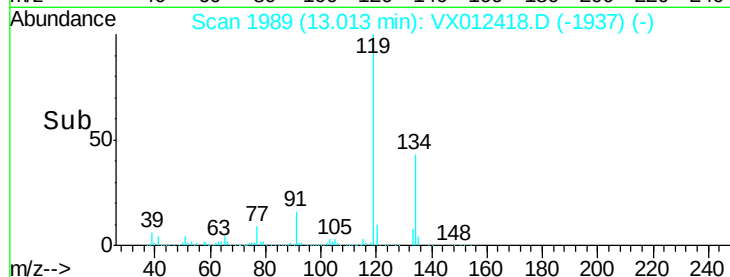
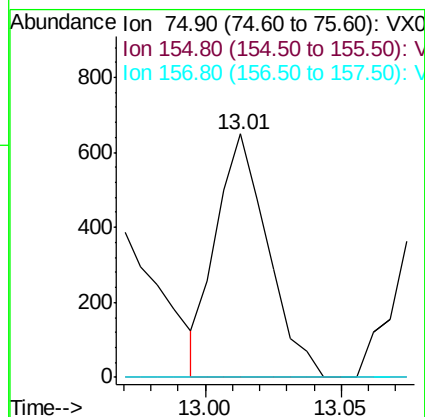
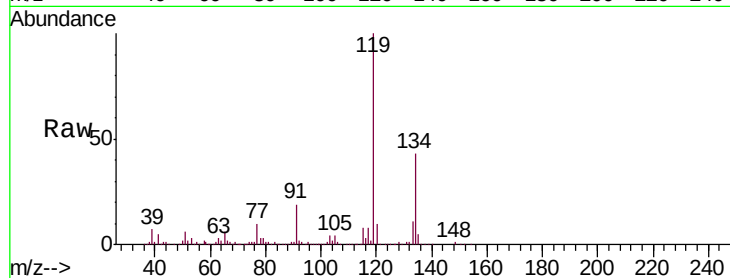
Tgt Ion: 75 Resp: 856

Ion Ratio Lower Upper

75 100

155 0.0 39.8 119.4#

157 0.0 50.0 150.1#



#95

Naphthalene

Concen: 14.429 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012418.D

Acq: 16 Sep 2019 20:15

Tgt Ion: 128 Resp: 118798

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.4

129 13.6 8.6 13.0#

