

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012555.D
 Acq On : 20 Sep 2019 14:25
 Operator : JC/SP
 Sample : K4830-08DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0280DL

Quant Time: Sep 21 01:33:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	184562	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293562	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102619	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	121533	45.95	ug/l	0.00
Spiked Amount			Recovery	=	91.90%	
35) Dibromofluoromethane	5.48	113	86016	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
50) Toluene-d8	8.71	98	338501	51.47	ug/l	0.00
Spiked Amount			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	11.14	95	122333	44.80	ug/l	0.00
Spiked Amount			Recovery	=	89.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.06	85	26	0.412	ug/l #	43
5) Bromomethane	1.64	94	429	0.996	ug/l #	47
6) Chloroethane	1.72	64	264	0.308	ug/l #	68
10) Methyl Iodide	2.50	142	254	4.627	ug/l #	62
11) Tert butyl alcohol	3.01	59	4816	1.339	ug/l #	72
13) Acrolein	2.29	56	172	Below Cal	#	15
14) Allyl chloride	2.84	41	3726	1.379	ug/l #	77
15) Acrylonitrile	3.15	53	870	0.759	ug/l #	6
16) Acetone	2.42	43	1036	Below Cal		98
17) Carbon Disulfide	2.56	76	200	1.924	ug/l #	7
18) Methyl Acetate	2.84	43	9005	3.267	ug/l #	54
20) Methylene Chloride	2.85	84	567	0.354	ug/l #	54
30) Chloroform	5.20	83	752	0.216	ug/l #	81
31) Cyclohexane	5.57	56	41677	22.813	ug/l	99
36) 1,1-Dichloropropene	5.65	75	15927	8.927	ug/l #	54
38) Carbon Tetrachloride	5.65	117	20643	9.303	ug/l #	16
39) Methylcyclohexane	7.46	83	36453	21.018	ug/l	99
40) Benzene	6.14	78	4665	0.822	ug/l #	86
45) 1,2-Dichloropropane	7.47	63	648	0.372	ug/l #	1
48) Methyl methacrylate	7.73	41	2400	1.036	ug/l #	52
49) 1,4-Dioxane	7.88	88	48	0.851	ug/l #	1
55) 1,1,2-Trichloroethane	9.17	97	3066	1.628	ug/l #	19
56) Ethyl methacrylate	9.16	69	802	0.272	ug/l #	12
60) Dibromochloromethane	9.33	129	575	0.300	ug/l #	11
64) Tetrachloroethene	9.33	164	542	0.482	ug/l #	74
67) Ethyl Benzene	10.25	91	342043	49.188	ug/l	99
68) m/p-Xylenes	10.35	106	23529	9.299	ug/l	99
69) o-Xylene	10.70	106	4355	1.674	ug/l	90
71) Bromoform	11.12	173	245	3.029	ug/l #	29
73) Isopropylbenzene	11.01	105	38137	5.923	ug/l	97
74) N-amyl acetate	10.90	43	703	0.203	ug/l #	1
76) 1,2,3-Trichloropropane	11.14	75	63236	26.826	ug/l #	38
78) n-propylbenzene	11.35	91	49990	6.966	ug/l	98
79) 2-Chlorotoluene	11.35	91	49990	10.708	ug/l #	42

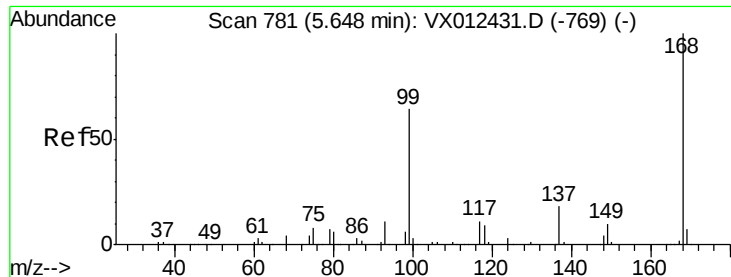
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
80) 1,3,5-Trimethylbenzene	11.50	105	18598	3.387	uq/l	98
81) trans-1,4-Dichloro-2-buten	11.14	75	63236	72.184	uq/l #	8
82) 4-Chlorotoluene	11.50	91	2568	0.479	uq/l #	46
84) 1,2,4-Trimethylbenzene	11.80	105	250046	44.348	uq/l	100
85) sec-Butylbenzene	11.80	105	250046	38.565	uq/l #	57
86) p-Isopropyltoluene	12.06	119	6557	1.101	uq/l	90
89) n-Butylbenzene	12.39	91	5992	1.128	uq/l #	53
90) Hexachloroethane	12.58	117	1726	1.581	uq/l #	17
92) 1,2-Dibromo-3-Chloropropan	13.01	75	338	0.516	uq/l #	4
95) Naphthalene	13.83	128	105542	14.916	uq/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

Instrument :

MSVOA_X

ClientSampleID :

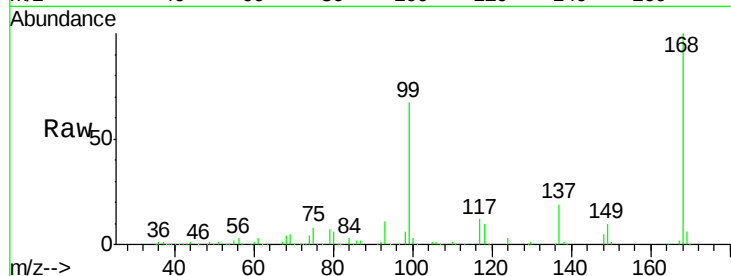
S13-0280DL

Tot Ion:168 Resp: 184562

Ion Ratio Lower Upper

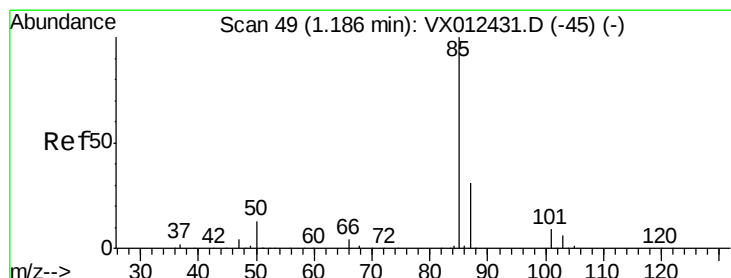
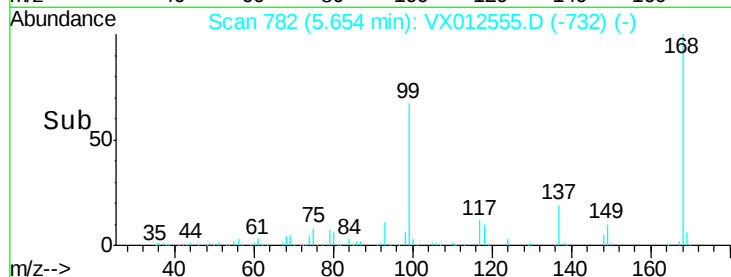
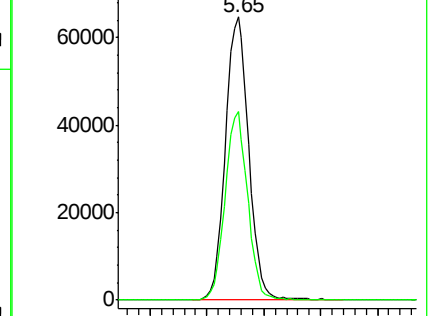
168 100

99 66.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.412 ug/l

RT: 1.06 min Scan# 28

Delta R.T. -0.13 min

Lab File: VX012555.D

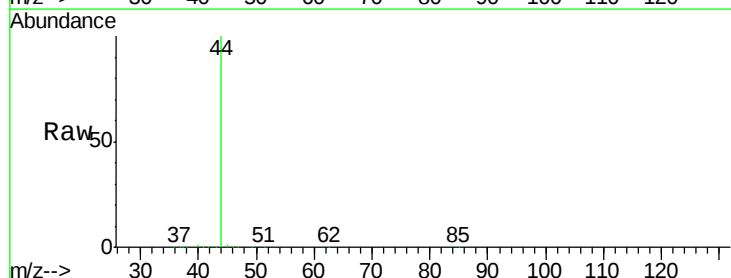
Acq: 20 Sep 2019 14:25

Tgt Ion: 85 Resp: 26

Ion Ratio Lower Upper

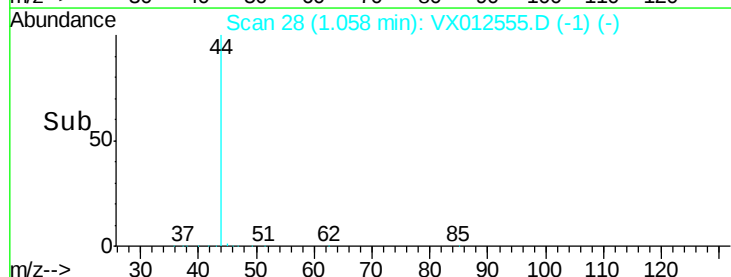
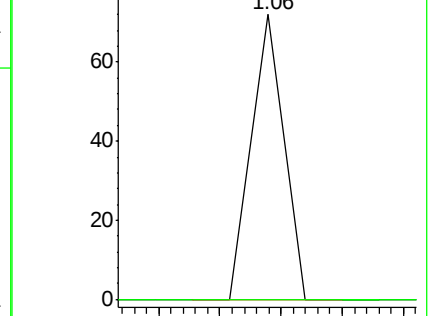
85 100

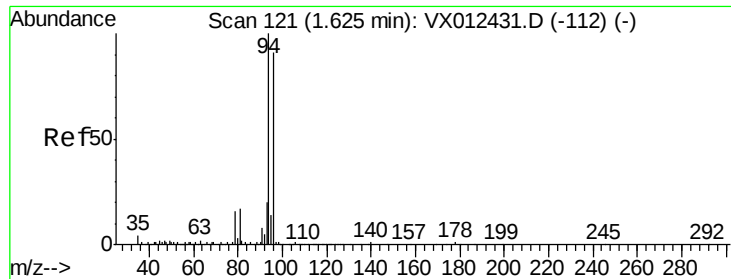
87 0.0 15.6 46.8#



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#5

Bromomethane

Concen: 0.996 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

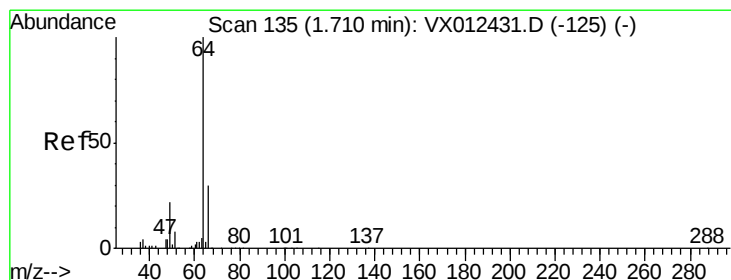
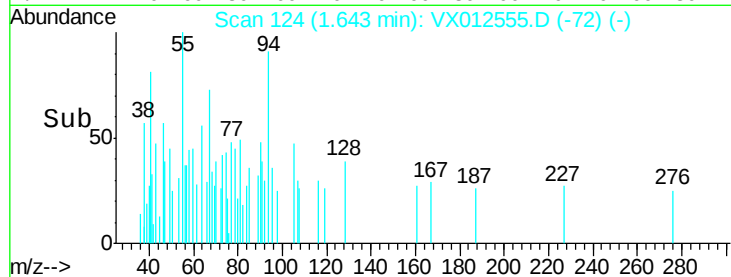
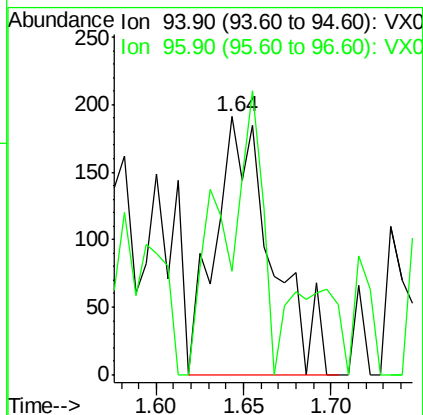
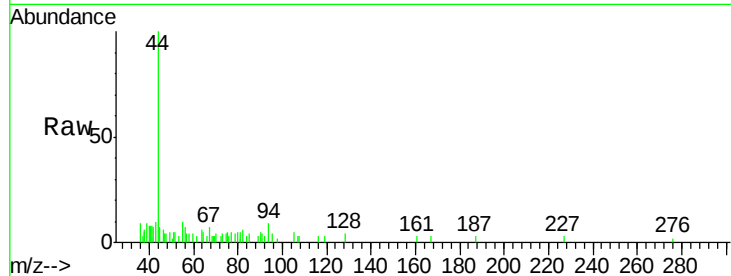
S13-0280DL

Tot Ion: 94 Resp: 429

Ion Ratio Lower Upper

94 100

96 40.3 72.8 109.2#



#6

Chloroethane

Concen: 0.308 ug/l

RT: 1.72 min Scan# 137

Delta R.T. 0.01 min

Lab File: VX012555.D

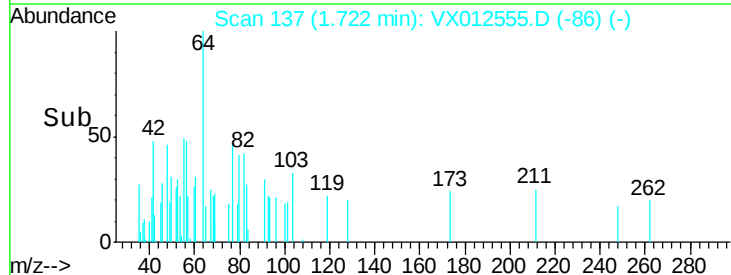
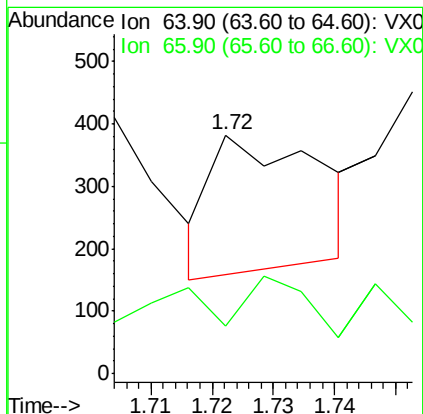
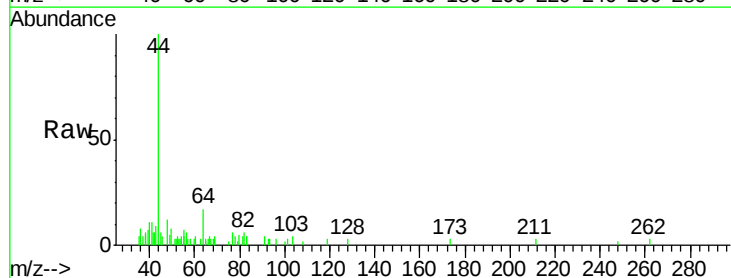
Acq: 20 Sep 2019 14:25

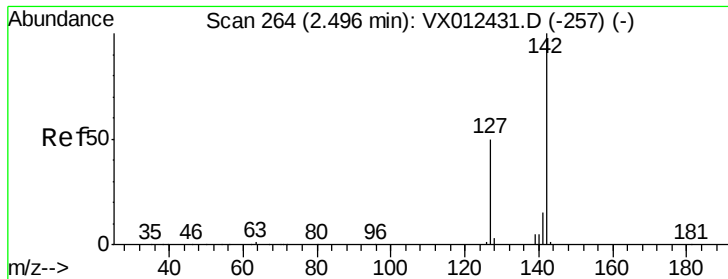
Tgt Ion: 64 Resp: 264

Ion Ratio Lower Upper

64 100

66 12.7 24.0 36.0#





#10

Methyl Iodide

Concen: 4.627 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

S13-0280DL

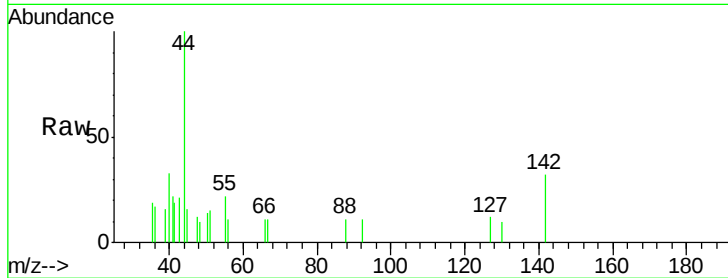
Tot Ion:142 Resp: 254

Ion Ratio Lower Upper

142 100

127 20.9 40.8 61.2#

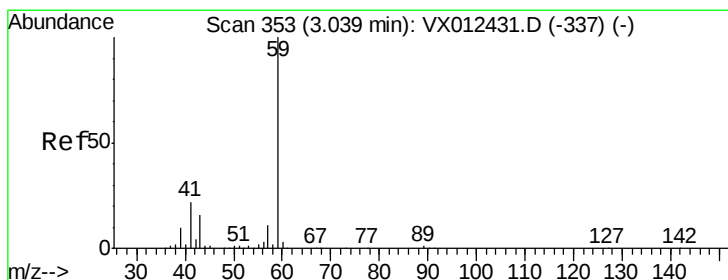
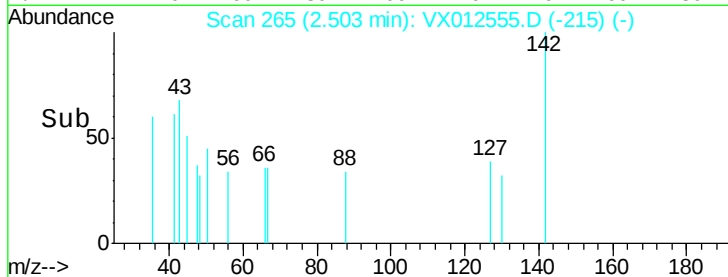
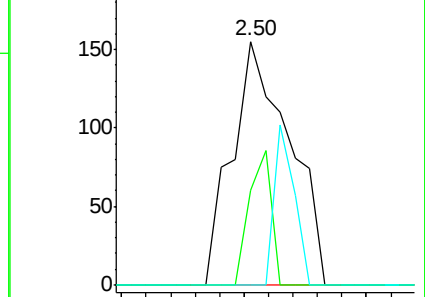
141 22.8 12.1 18.1#



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: 1.339 ug/l

RT: 3.01 min Scan# 349

Delta R.T. -0.02 min

Lab File: VX012555.D

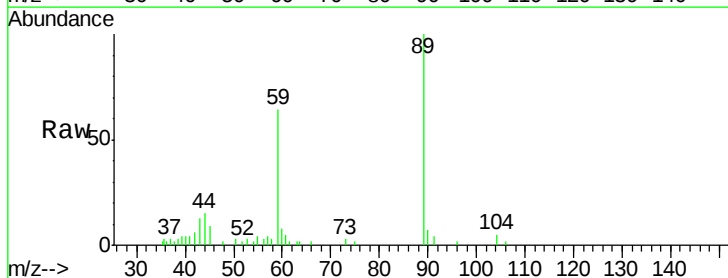
Acq: 20 Sep 2019 14:25

Tgt Ion: 59 Resp: 4816

Ion Ratio Lower Upper

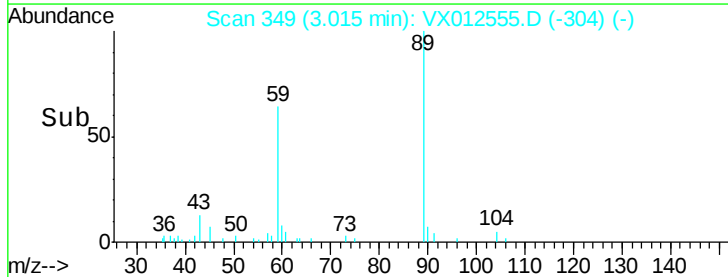
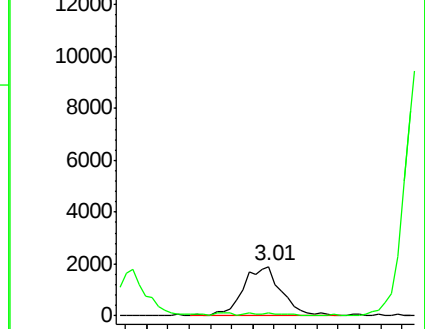
59 100

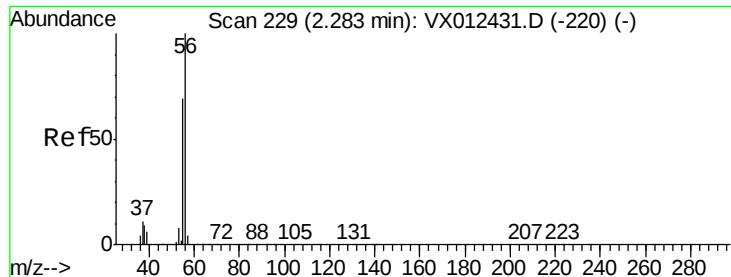
57 0.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

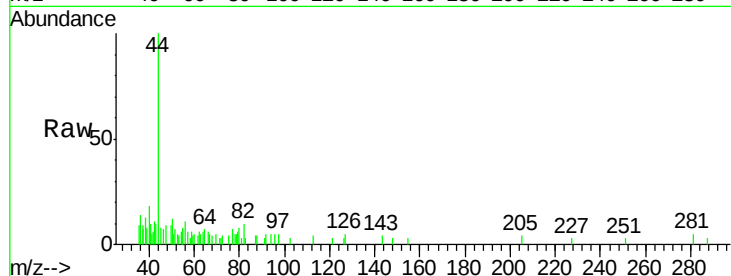
S13-0280DL

Tot Ion: 56 Resp: 172

Ion Ratio Lower Upper

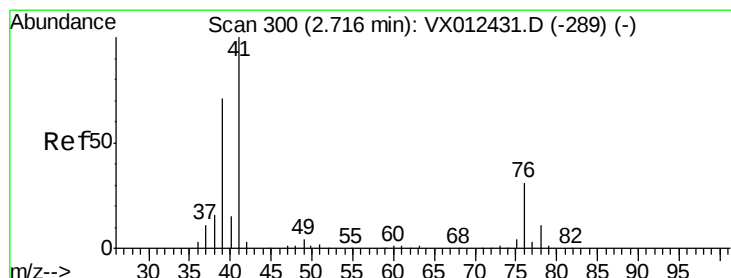
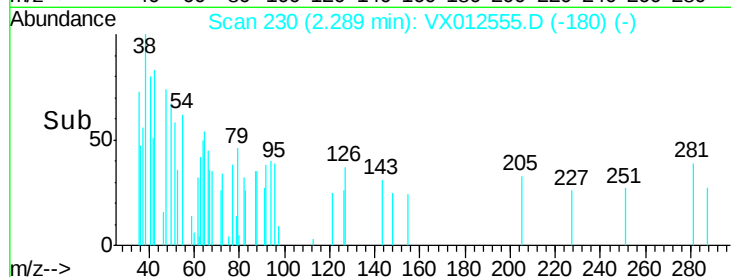
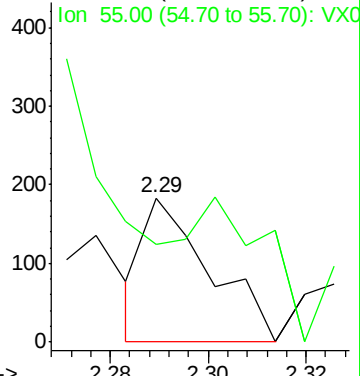
56 100

55 0.0 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 1.379 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.12 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

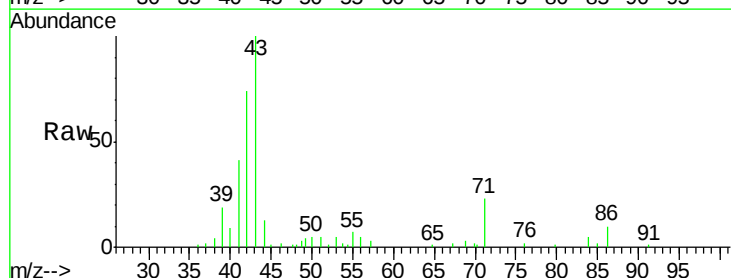
Tgt Ion: 41 Resp: 3726

Ion Ratio Lower Upper

41 100

39 55.7 51.3 76.9

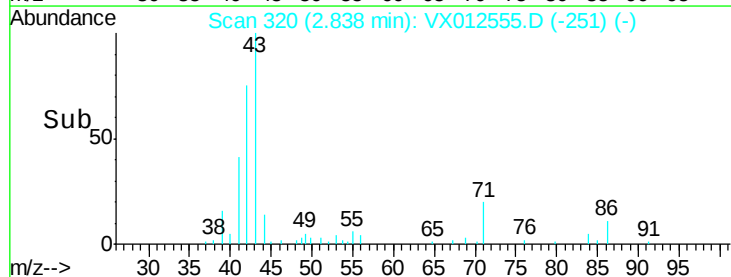
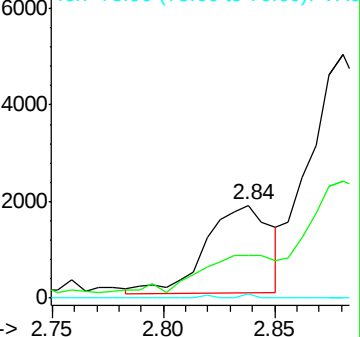
76 0.8 22.6 33.8#

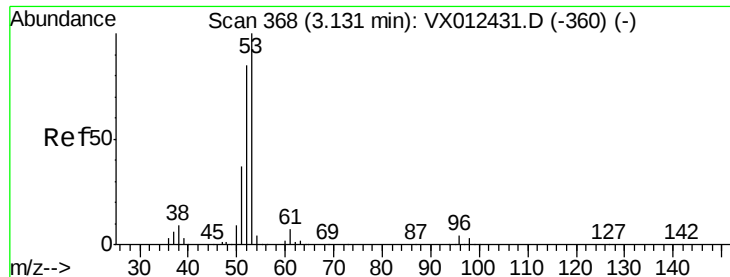


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 0.759 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.02 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

S13-0280DL

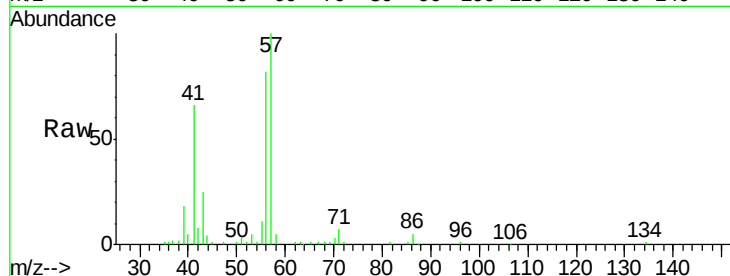
Tot Ion: 53 Resp: 870

Ion Ratio Lower Upper

53 100

52 26.7 67.0 100.4#

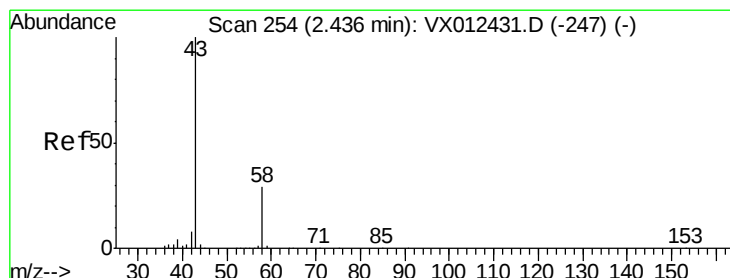
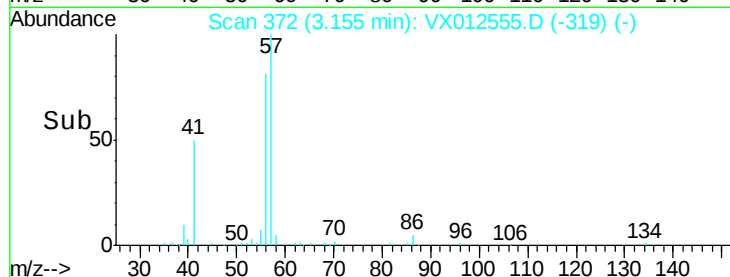
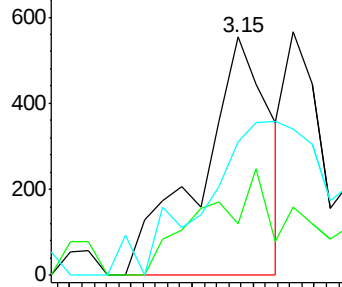
51 135.6 29.6 44.4#



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



#16

Acetone

Concen: Below Cal

RT: 2.42 min Scan# 252

Delta R.T. -0.01 min

Lab File: VX012555.D

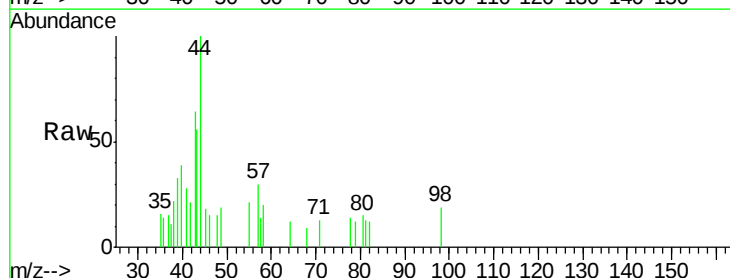
Acq: 20 Sep 2019 14:25

Tgt Ion: 43 Resp: 1036

Ion Ratio Lower Upper

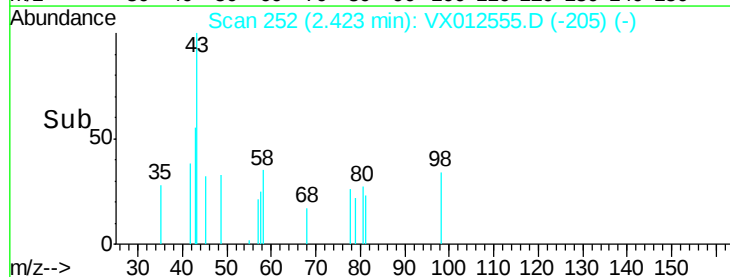
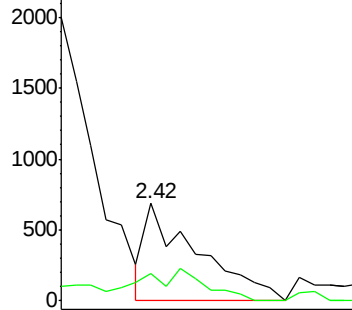
43 100

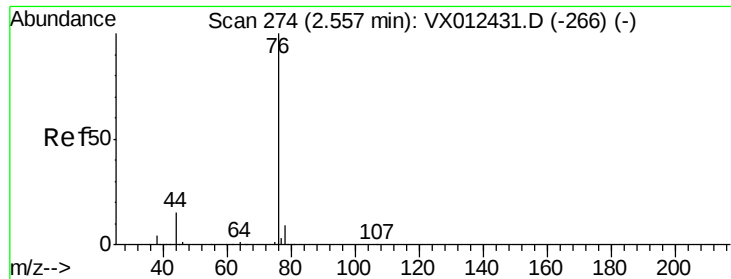
58 28.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

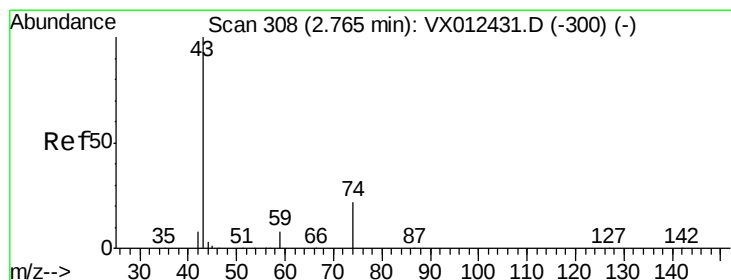
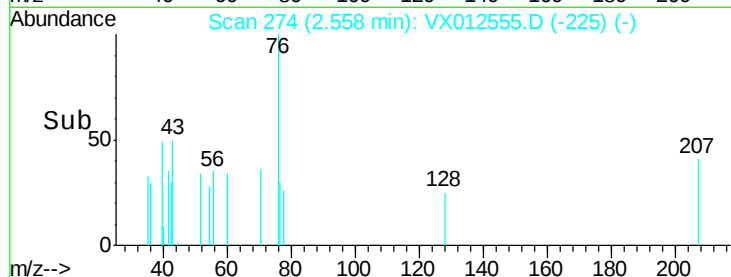
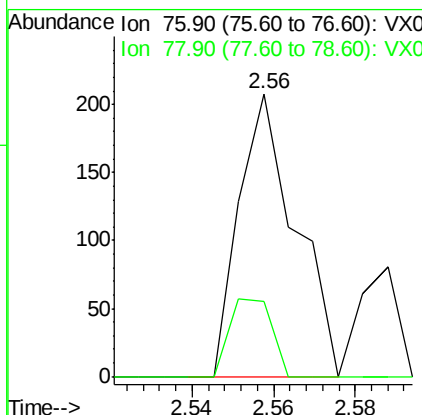
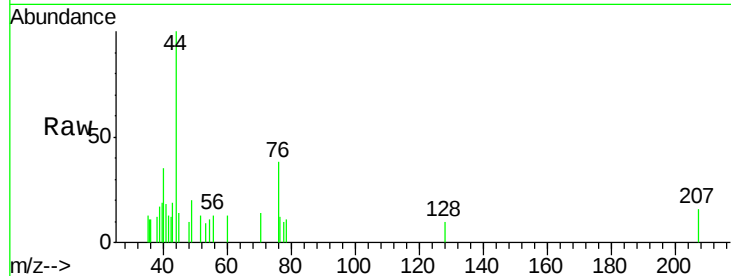




#17
Carbon Disulfide
Concen: 1.924 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

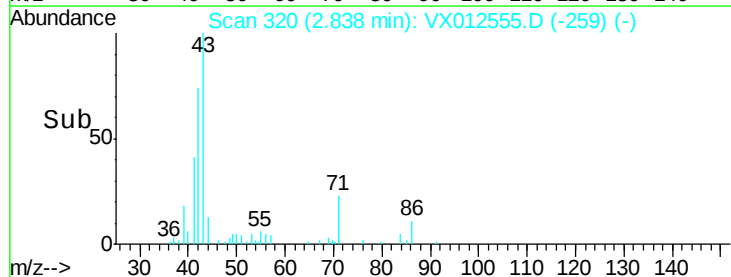
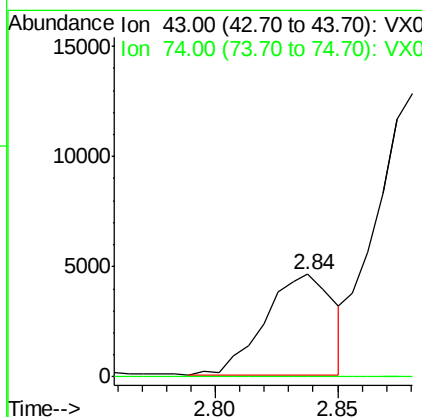
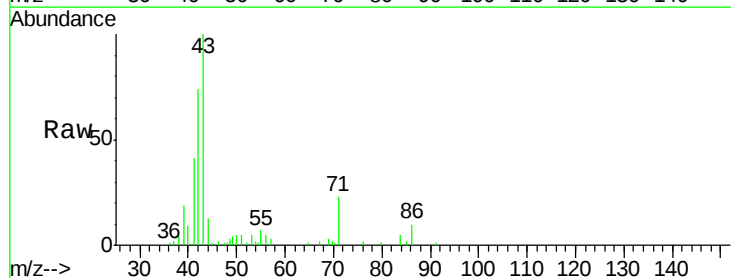
Instrument :
MSVOA_X
ClientSampled :
S13-0280DL

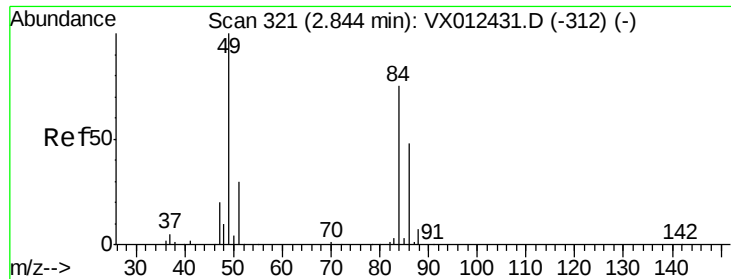
Tot Ion: 76 Resp: 200
Ion Ratio Lower Upper
76 100
78 42.8 7.3 10.9#



#18
Methyl Acetate
Concen: 3.267 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.07 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

Tgt Ion: 43 Resp: 9005
Ion Ratio Lower Upper
43 100
74 0.0 17.7 26.5#

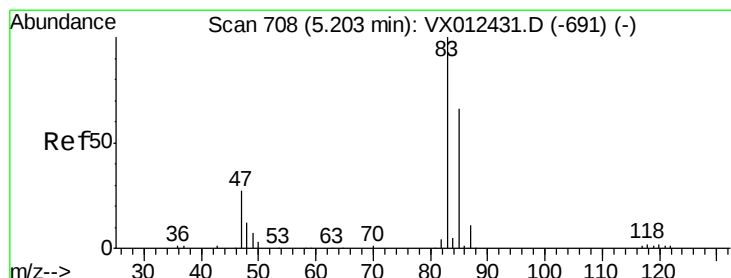
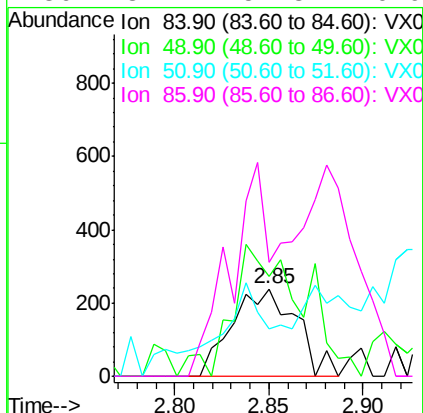
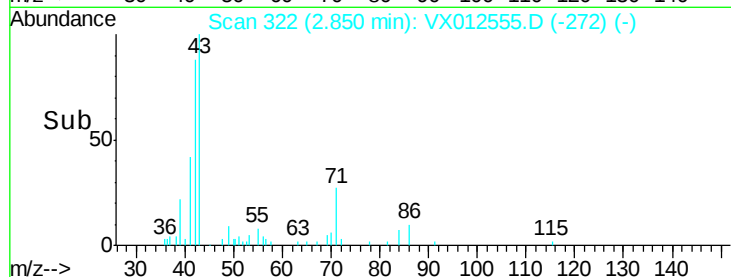
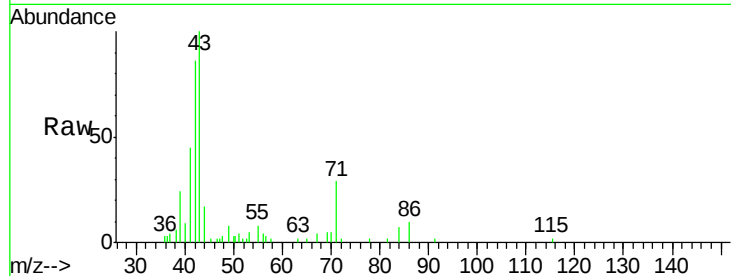




#20
Methvlene Chloride
Concen: 0.354 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

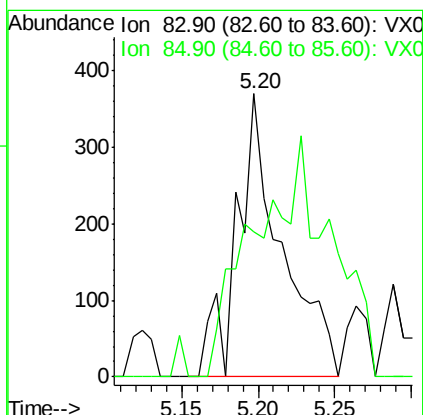
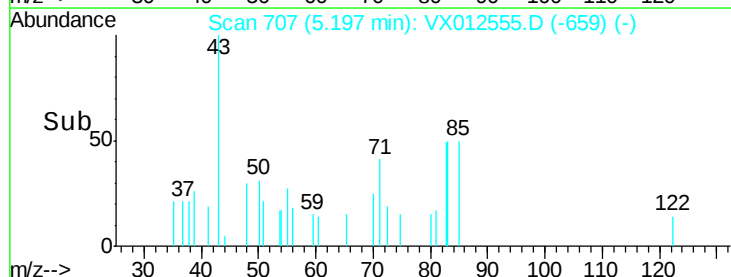
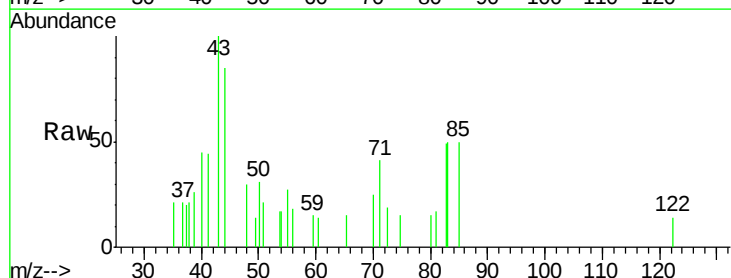
Instrument :
MSVOA_X
ClientSampled :
S13-0280DL

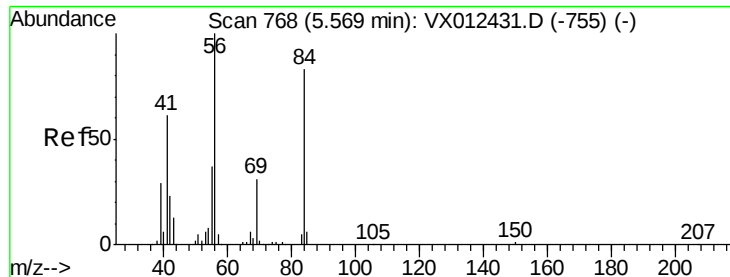
Tot Ion: 84 Resp: 567
Ion Ratio Lower Upper
84 100
49 93.7 106.8 160.2#
51 24.4 32.3 48.5#
86 131.1 51.3 76.9#



#30
Chloroform
Concen: 0.216 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

Tgt Ion: 83 Resp: 752
Ion Ratio Lower Upper
83 100
85 51.1 53.0 79.4#

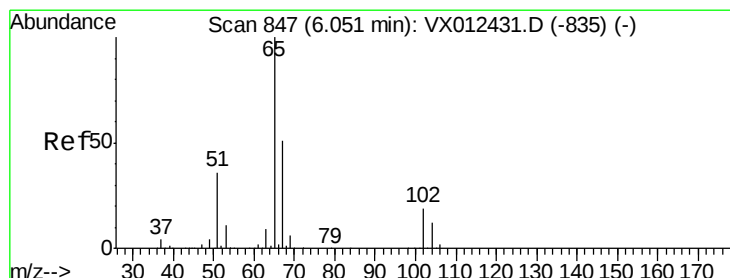
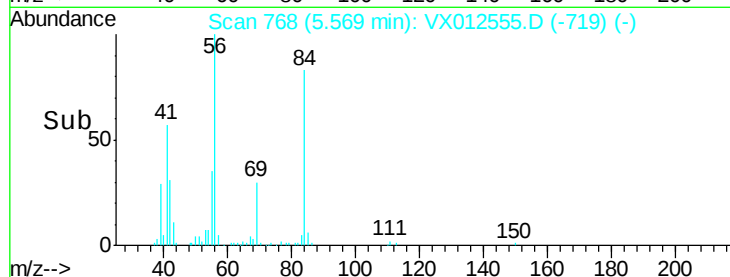
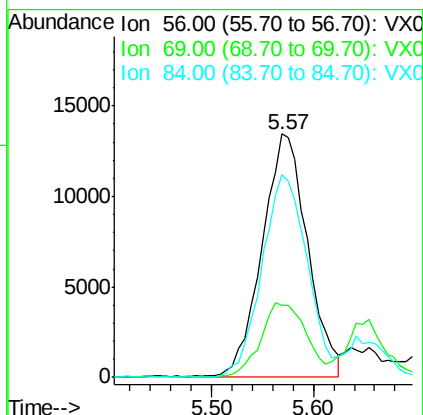
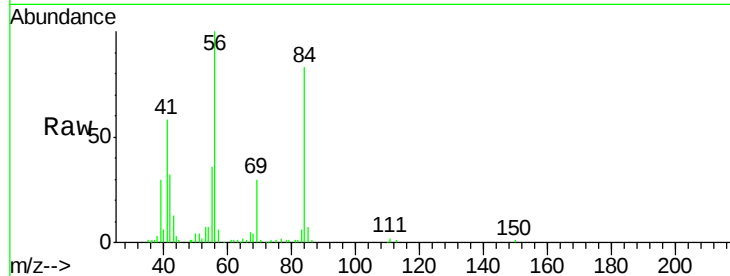




#31
Cyclohexane
Concen: 22.813 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

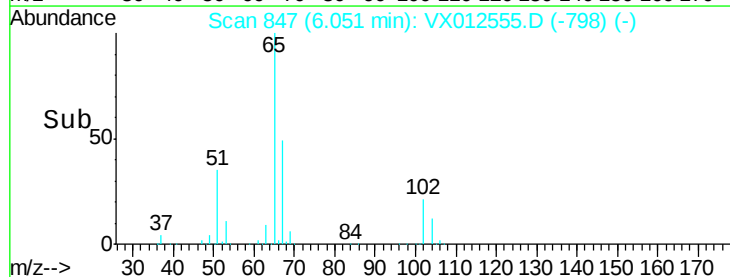
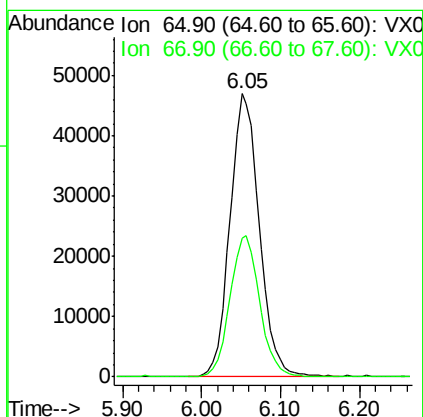
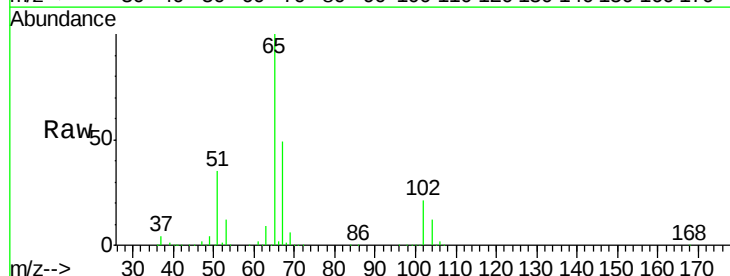
Instrument :
MSVOA_X
ClientSampleId :
S13-0280DL

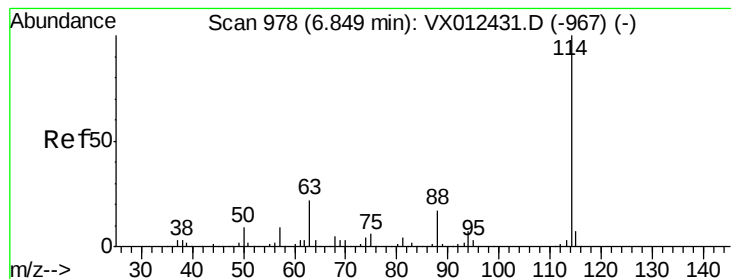
Tot Ion	56	Resp	41677
Ion	Ratio	Lower	Upper
56	100		
69	29.1	25.0	37.6
84	83.2	66.4	99.6



#33
1,2-Dichloroethane-d4
Concen: 45.946 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

Tgt Ion	65	Resp	121533
Ion	Ratio	Lower	Upper
65	100		
67	50.2	0.0	101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

S13-0280DL

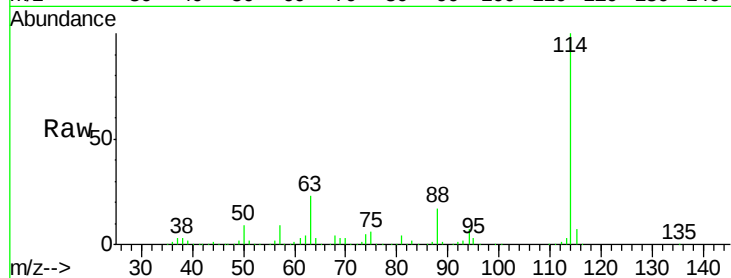
Tot Ion:114 Resp: 293562

Ion Ratio Lower Upper

114 100

63 22.7 0.0 43.2

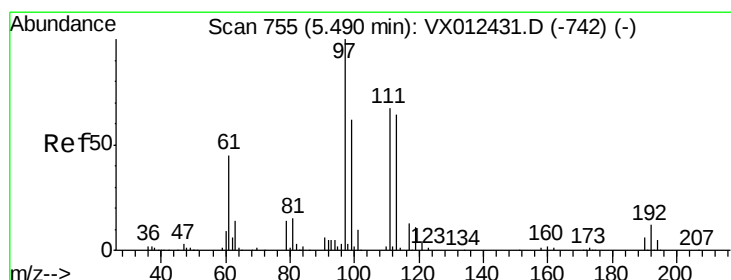
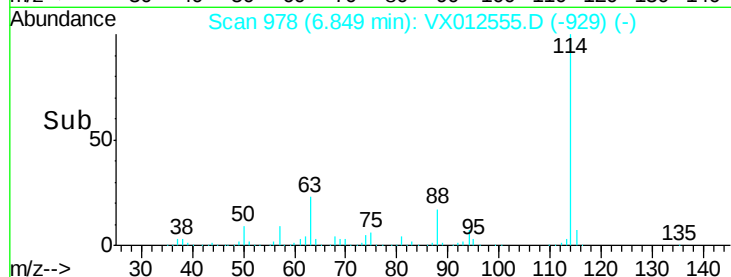
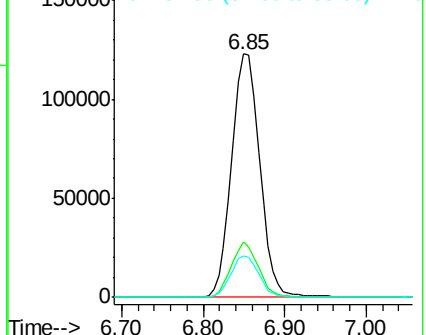
88 17.1 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 48.410 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

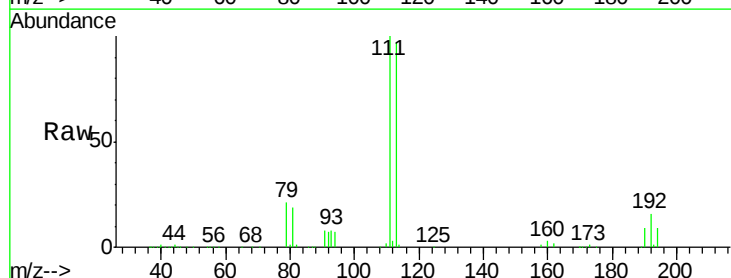
Tgt Ion:113 Resp: 86016

Ion Ratio Lower Upper

113 100

111 104.0 83.4 125.2

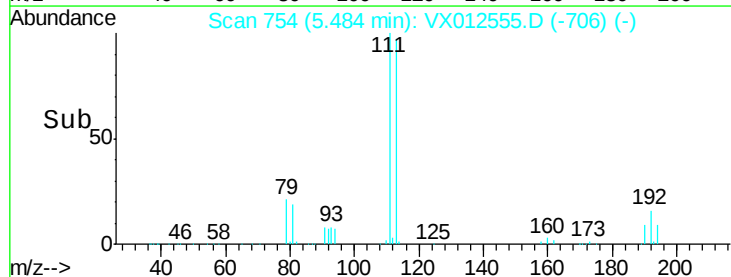
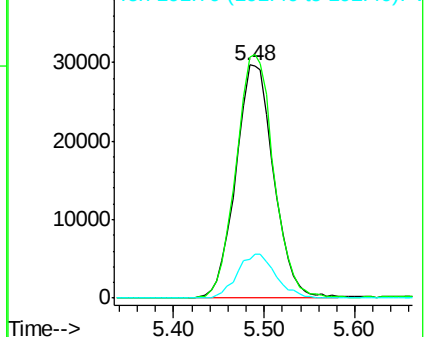
192 19.1 14.4 21.6

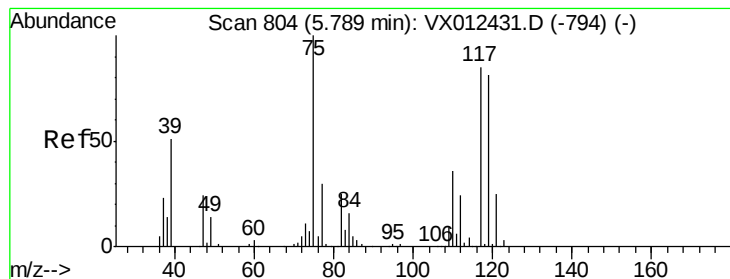


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 8.927 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.13 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

S13-0280DL

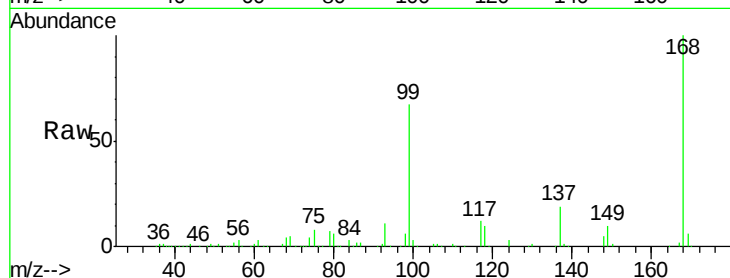
Tot Ion: 75 Resp: 15927

Ion Ratio Lower Upper

75 100

110 11.2 16.7 50.0#

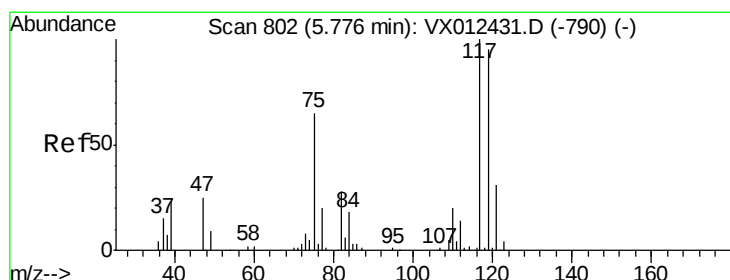
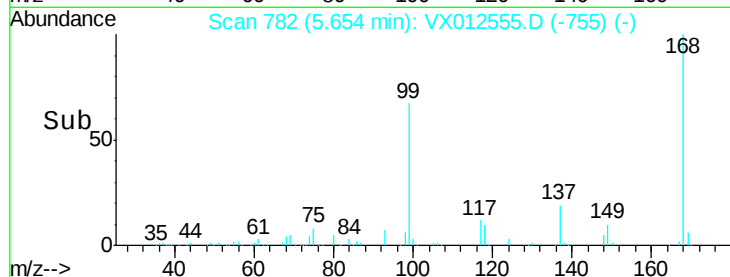
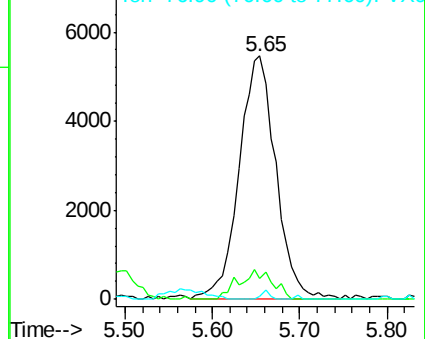
77 0.7 24.2 36.2#



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: 9.303 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

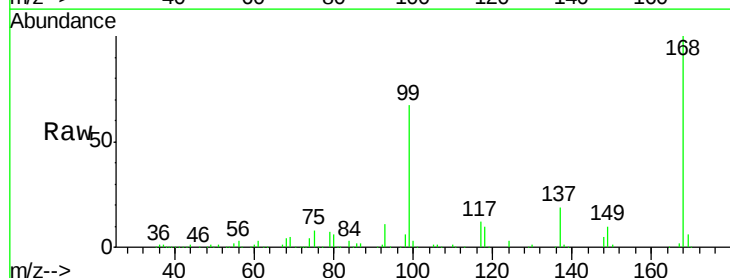
Tgt Ion: 117 Resp: 20643

Ion Ratio Lower Upper

117 100

119 4.1 75.7 113.5#

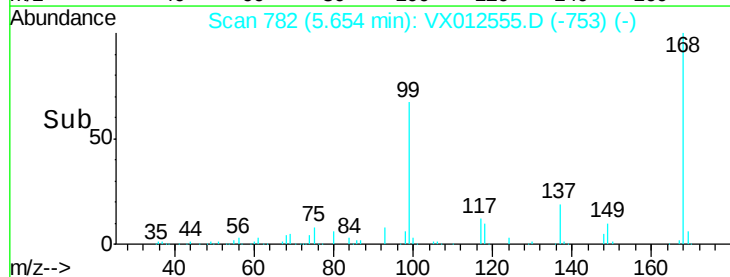
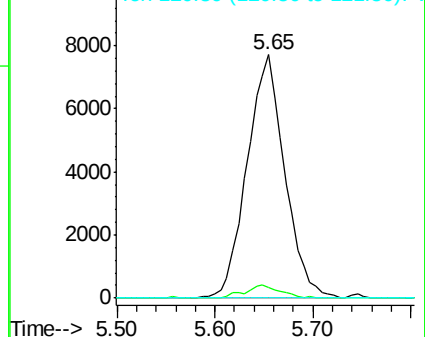
121 0.0 24.2 36.4#

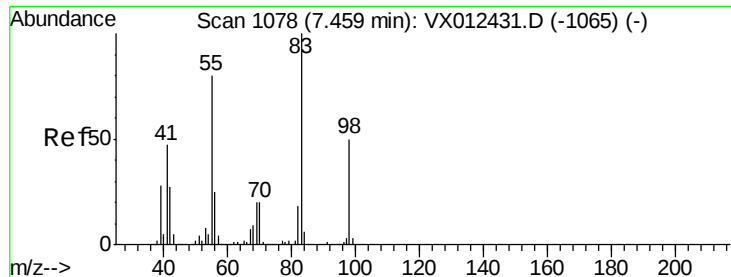


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

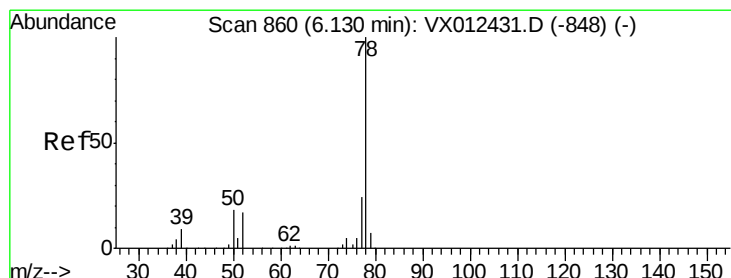
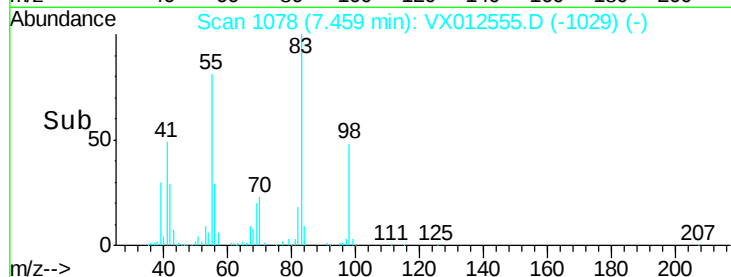
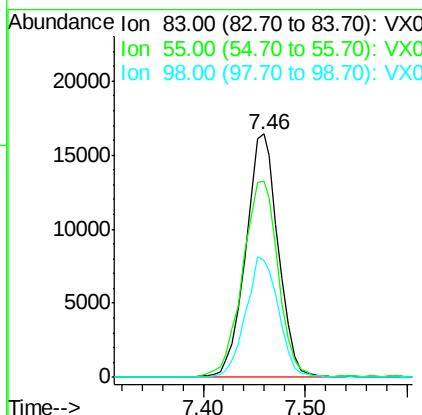
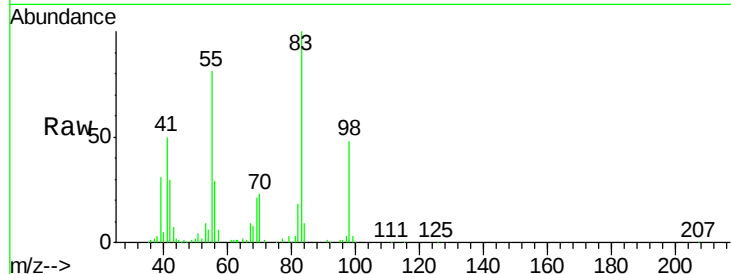




#39
Methvlcvclohexane
Concen: 21.018 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

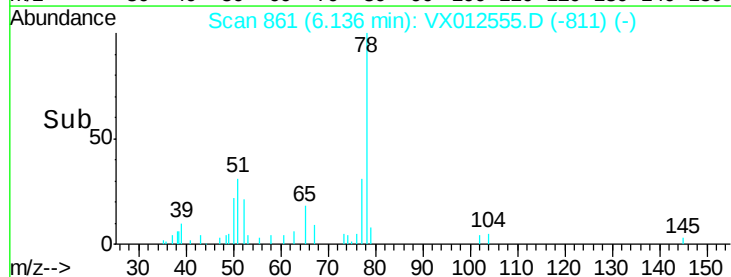
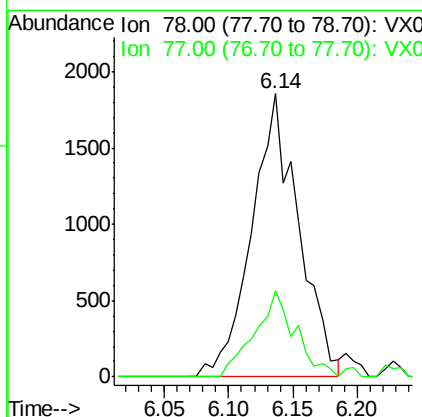
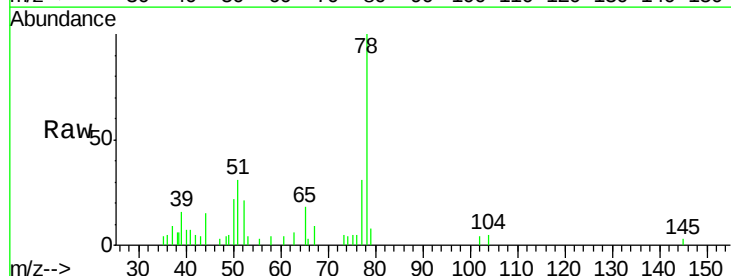
Instrument :
MSVOA_X
ClientSampled :
S13-0280DL

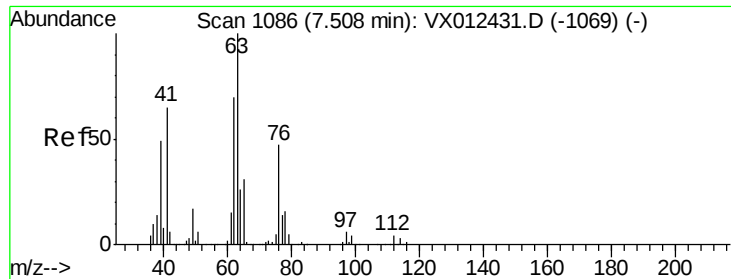
Tot Ion: 83 Resp: 36453
Ion Ratio Lower Upper
83 100
55 80.2 64.4 96.6
98 47.9 40.1 60.1



#40
Benzene
Concen: 0.822 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

Tgt Ion: 78 Resp: 4665
Ion Ratio Lower Upper
78 100
77 30.7 19.2 28.8#





#45

1,2-Dichloropropane

Concen: 0.372 ug/l

RT: 7.47 min Scan# 1079

Delta R.T. -0.04 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

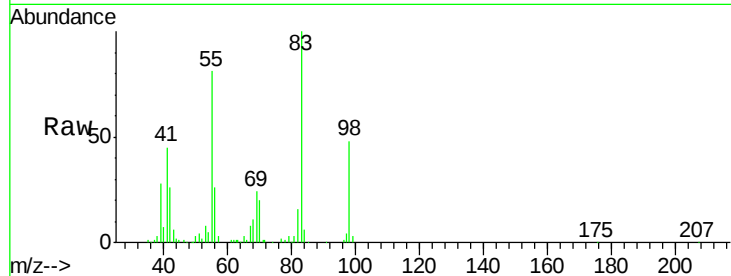
S13-0280DL

Tot Ion: 63 Resp: 648

Ion Ratio Lower Upper

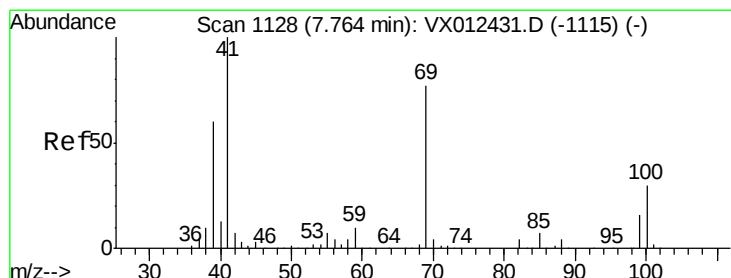
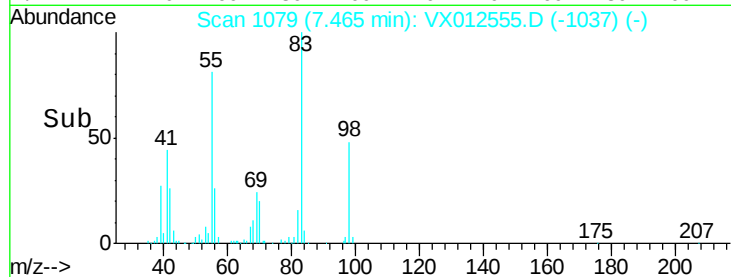
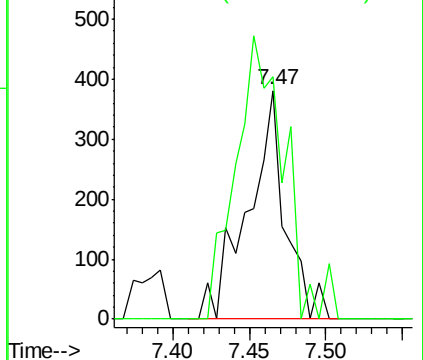
63 100

65 105.8 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#48

Methyl methacrylate

Concen: 1.036 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. -0.03 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

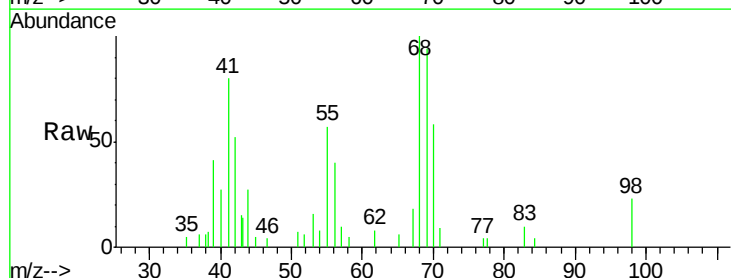
Tgt Ion: 41 Resp: 2400

Ion Ratio Lower Upper

41 100

69 144.9 59.9 89.9#

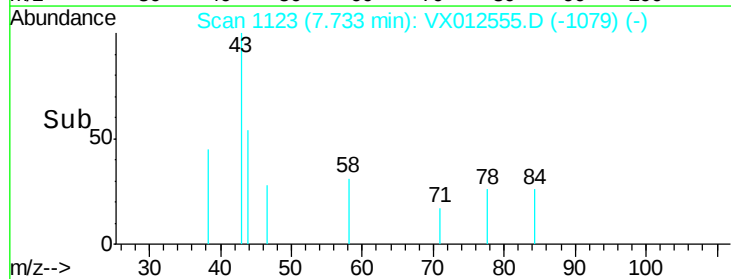
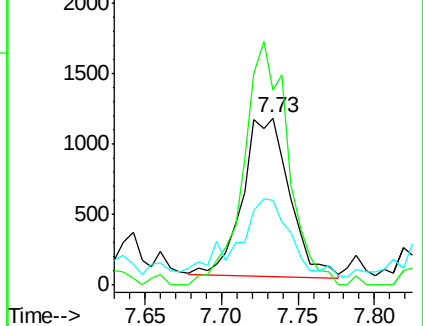
39 56.3 47.8 71.6

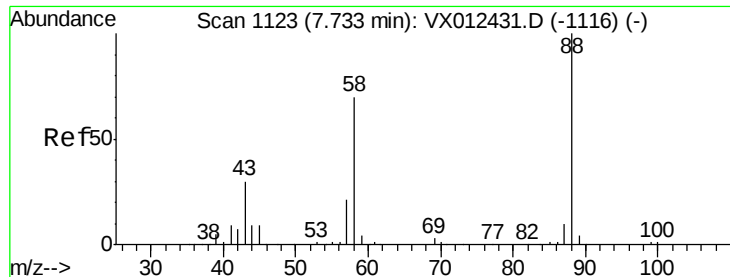


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 0.851 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.15 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

S13-0280DL

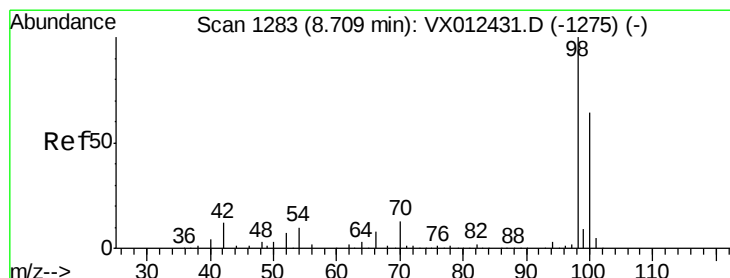
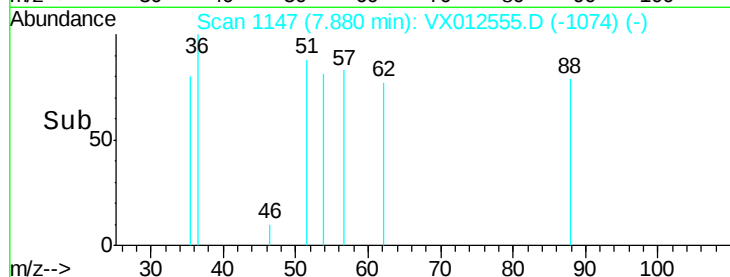
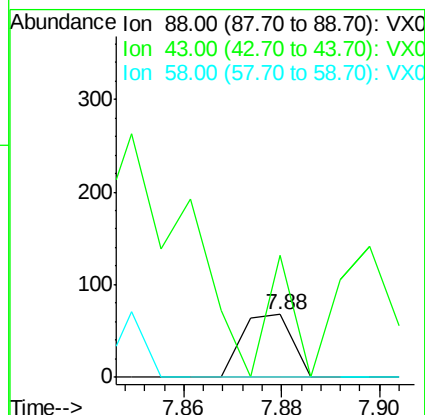
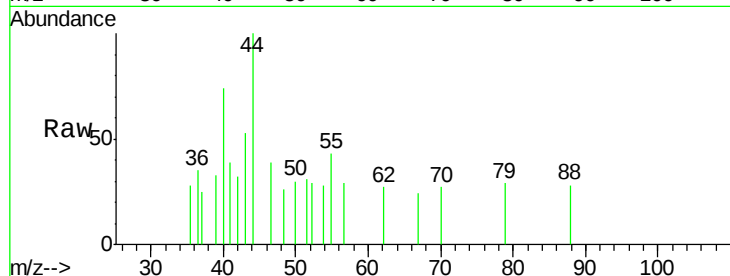
Tot Ion: 88 Resp: 48

Ion Ratio Lower Upper

88 100

43 325.0 29.4 44.0#

58 0.0 57.5 86.3#



#50

Toluene-d8

Concen: 51.469 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012555.D

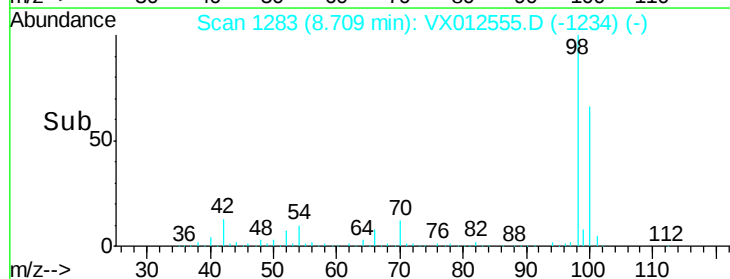
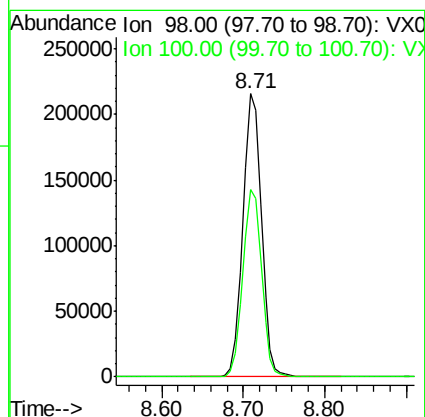
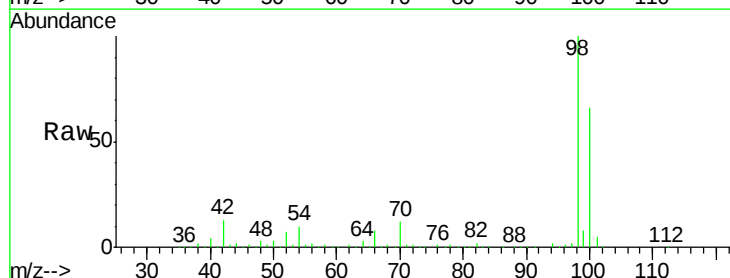
Acq: 20 Sep 2019 14:25

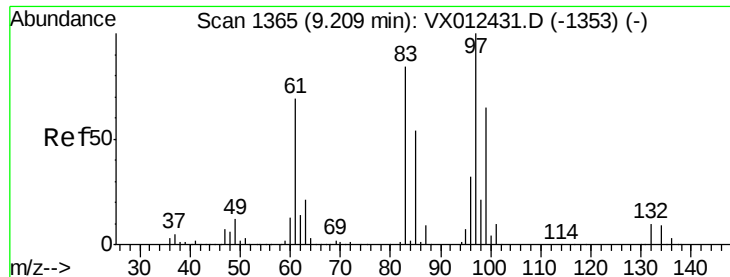
Tgt Ion: 98 Resp: 338501

Ion Ratio Lower Upper

98 100

100 66.8 53.4 80.2

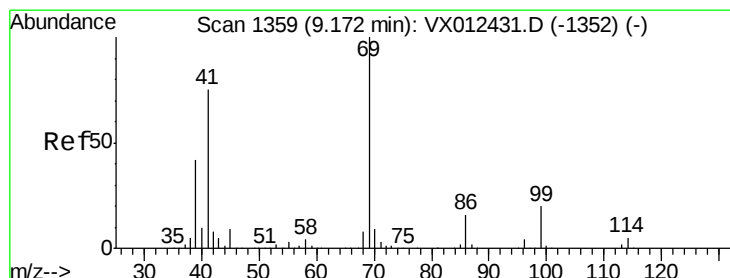
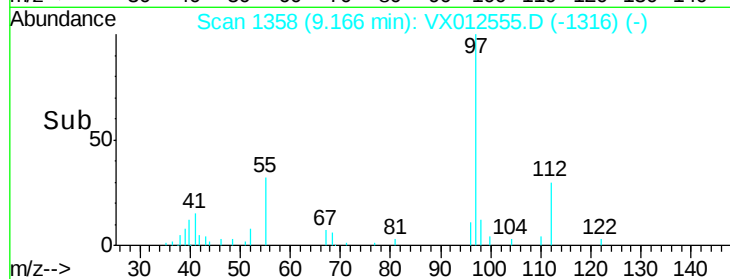
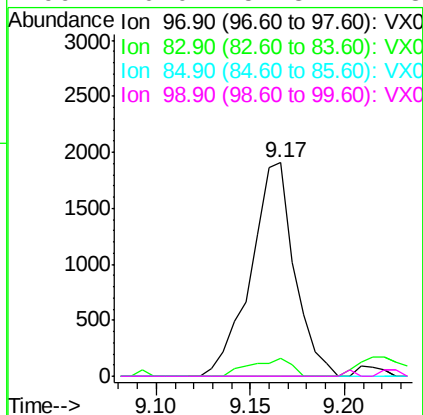
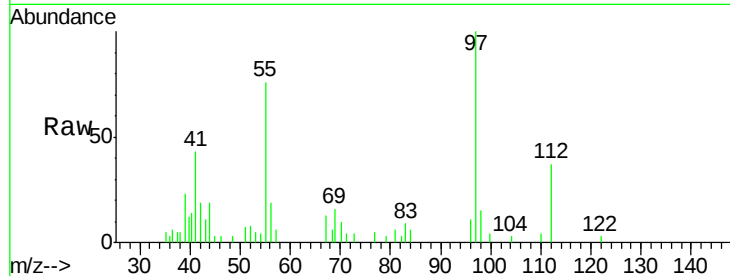




#55
1,1,2-Trichloroethane
Concen: 1.628 ug/l
RT: 9.17 min Scan# 1358
Delta R.T. -0.04 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

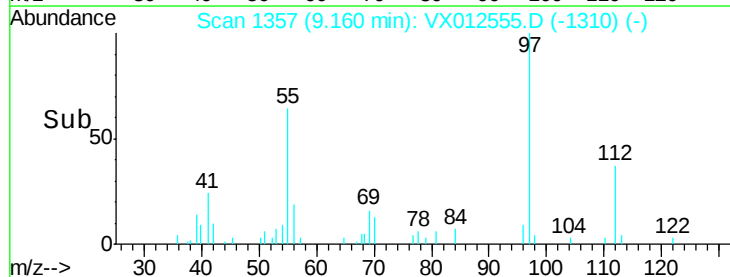
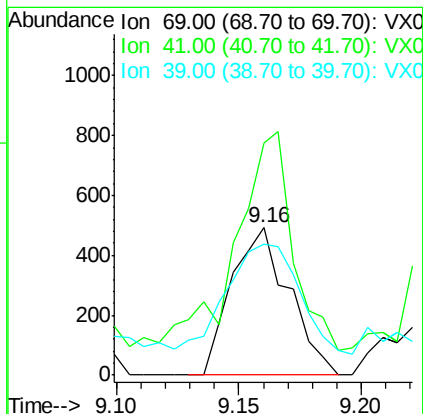
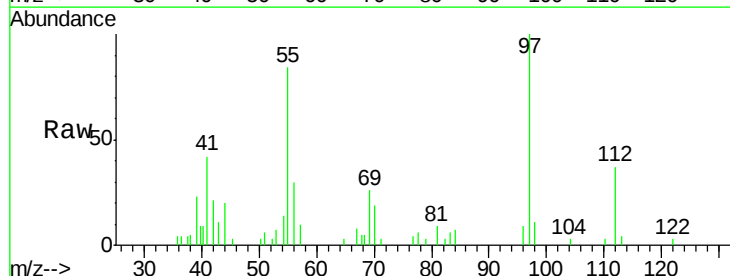
Instrument :
MSVOA_X
ClientSampleId :
S13-0280DL

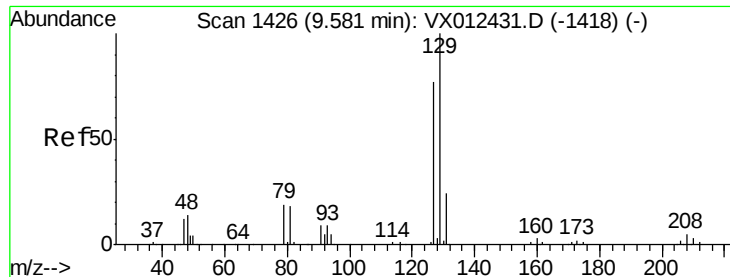
Tot Ion: 97 Resp: 3066
Ion Ratio Lower Upper
97 100
83 8.6 67.4 101.2#
85 0.0 43.5 65.3#
99 0.0 51.8 77.8#



#56
Ethyl methacrylate
Concen: 0.272 ug/l
RT: 9.16 min Scan# 1357
Delta R.T. -0.01 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

Tgt Ion: 69 Resp: 802
Ion Ratio Lower Upper
69 100
41 148.5 58.4 87.6#
39 95.4 33.4 50.0#





#60

Dibromochloromethane

Concen: 0.300 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.25 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

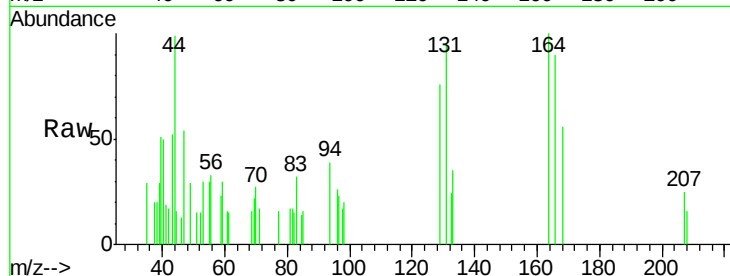
S13-0280DL

Tot Ion:129 Resp: 575

Ion Ratio Lower Upper

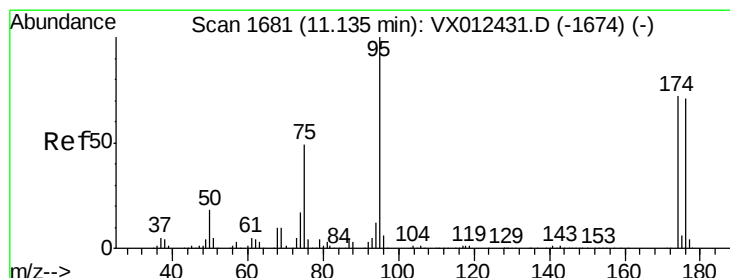
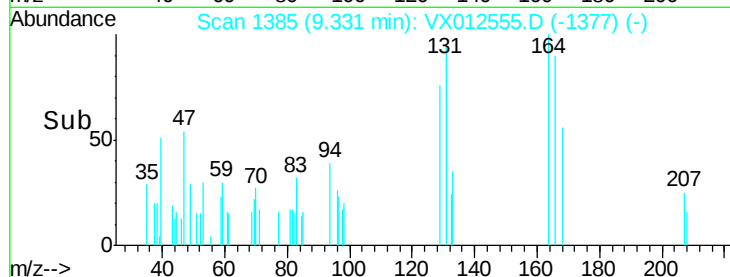
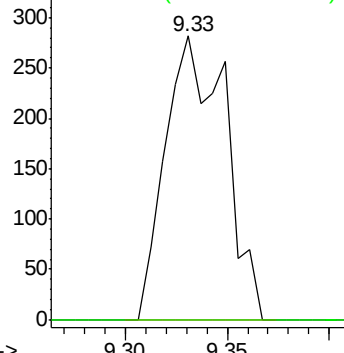
129 100

127 0.0 38.9 116.6#



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#62

4-Bromofluorobenzene

Concen: 44.799 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

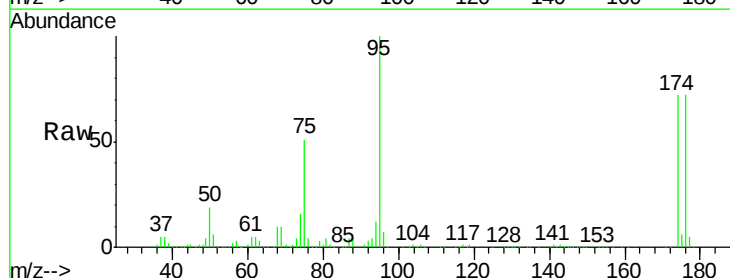
Tgt Ion: 95 Resp: 122333

Ion Ratio Lower Upper

95 100

174 70.7 0.0 140.0

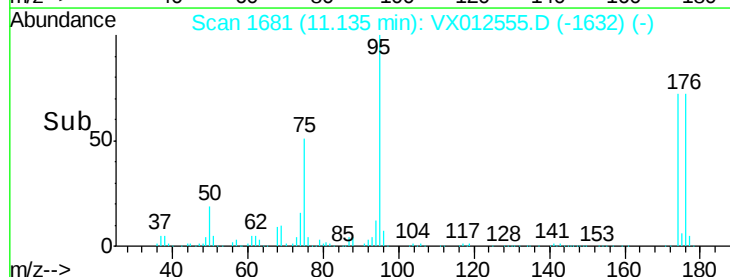
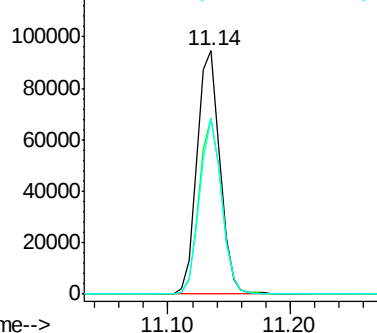
176 69.0 0.0 135.4

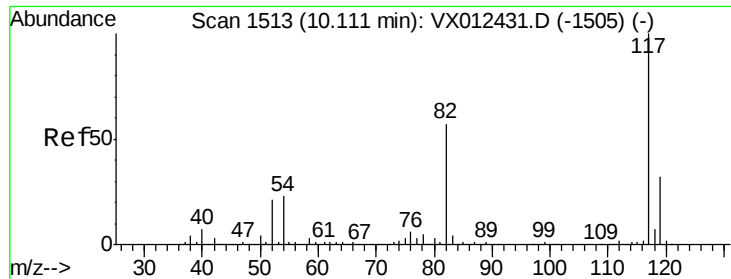


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

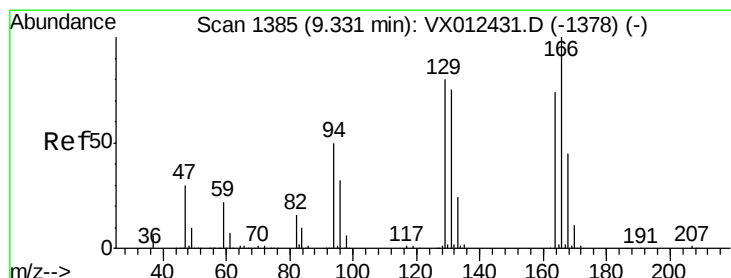
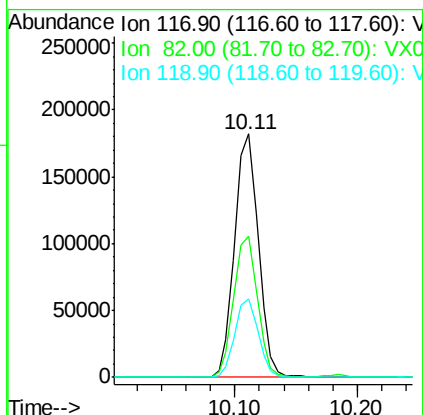
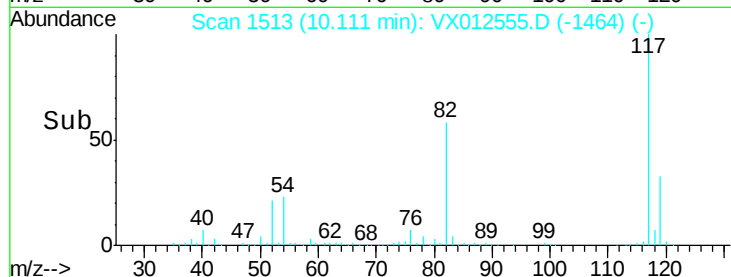
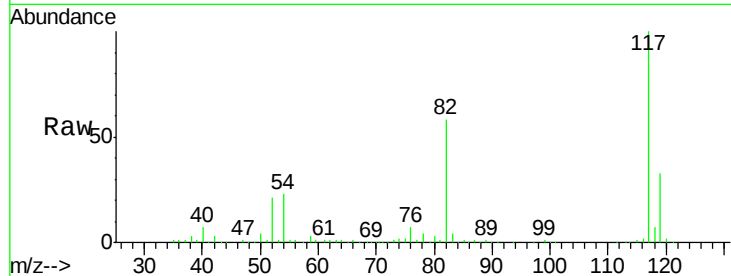




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

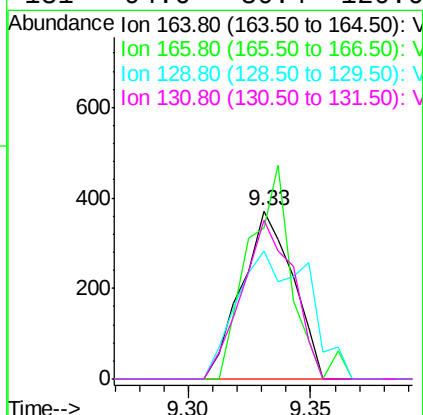
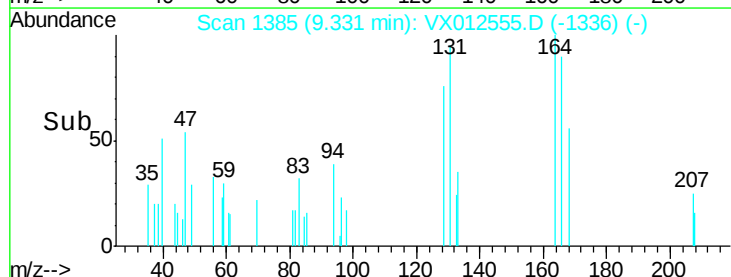
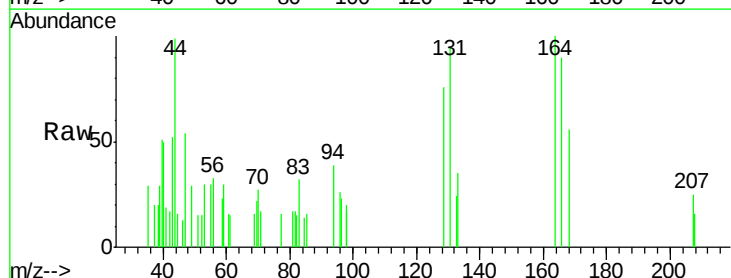
Instrument :
MSVOA_X
ClientSampled :
S13-0280DL

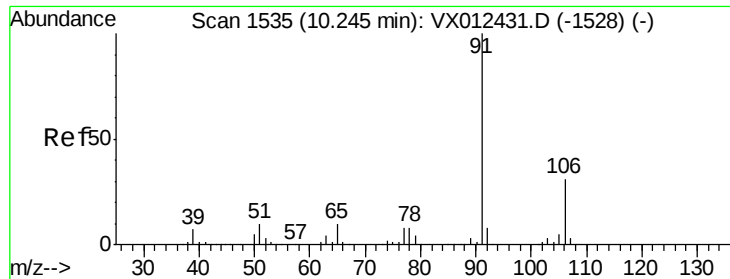
Tot Ion:117 Resp: 245228
Ion Ratio Lower Upper
117 100
82 58.2 45.9 68.9
119 32.5 25.3 37.9



#64
Tetrachloroethene
Concen: 0.482 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

Tgt Ion:164 Resp: 542
Ion Ratio Lower Upper
164 100
166 89.8 107.8 161.6#
129 76.0 86.2 129.2#
131 94.6 80.4 120.6

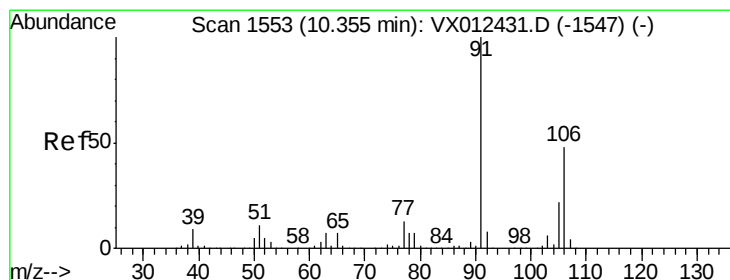
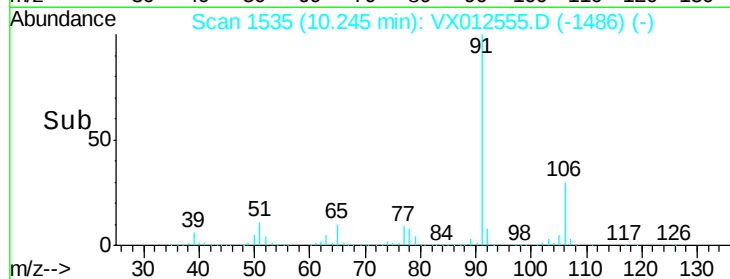
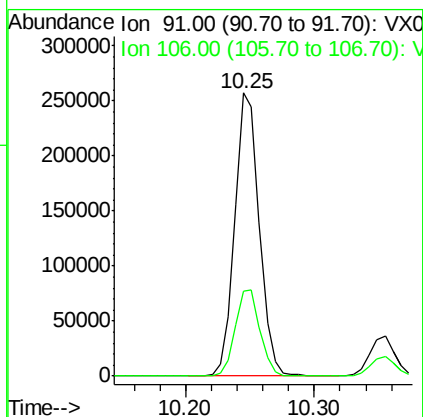
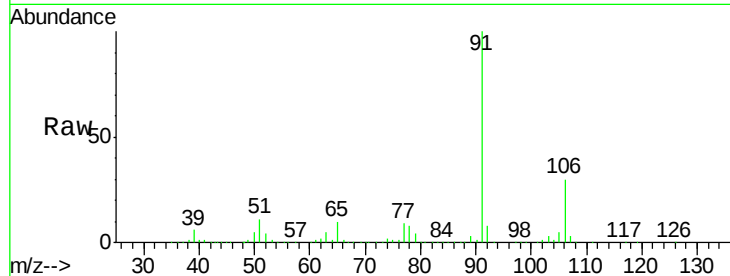




#67
Ethyl Benzene
Concen: 49.188 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

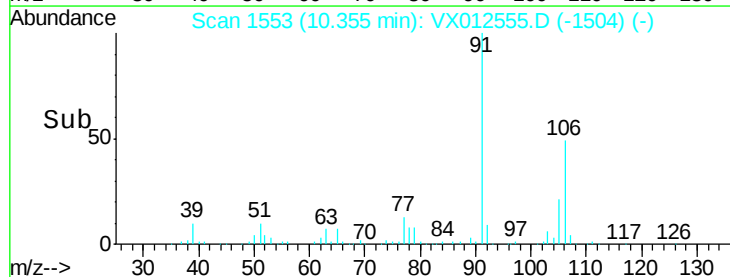
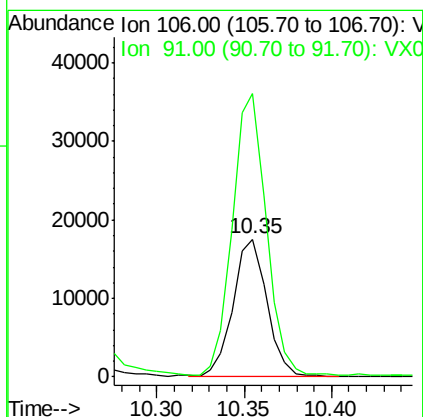
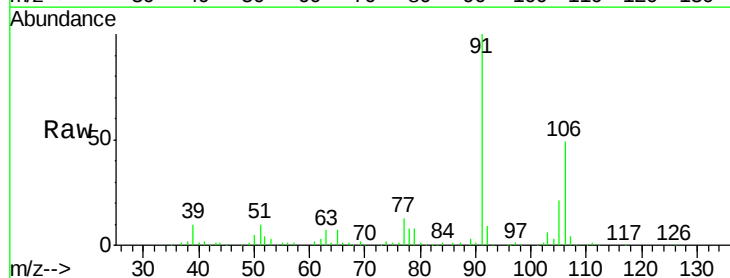
Instrument :
MSVOA_X
ClientSampled :
S13-0280DL

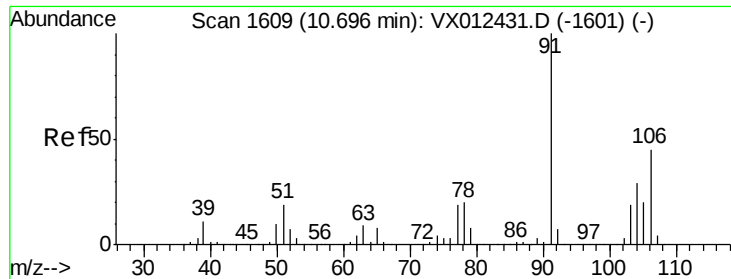
Tot Ion: 91 Resp: 342043
Ion Ratio Lower Upper
91 100
106 30.2 24.6 37.0



#68
m/p-Xylenes
Concen: 9.299 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

Tgt Ion: 106 Resp: 23529
Ion Ratio Lower Upper
106 100
91 206.1 166.6 250.0

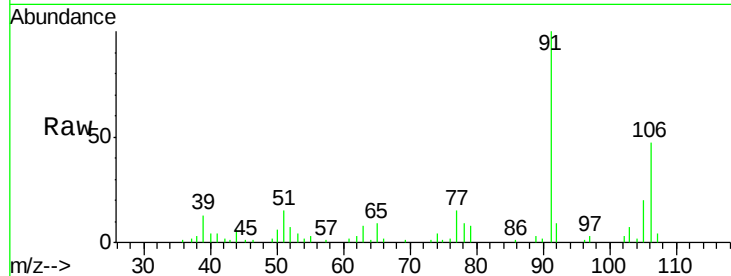




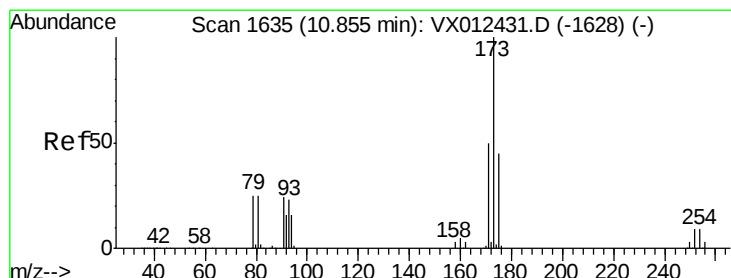
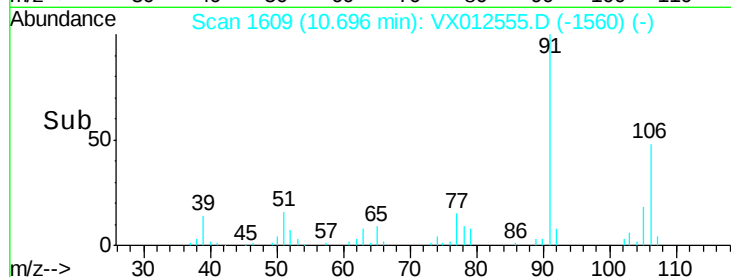
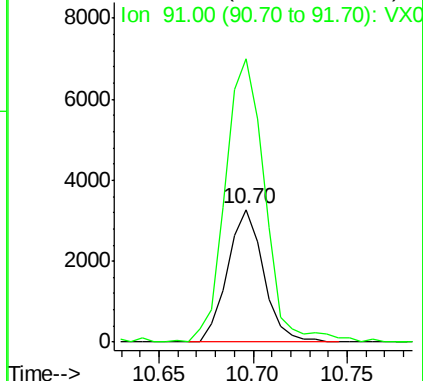
#69
o-Xylene
Concen: 1.674 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

Instrument :
MSVOA_X
ClientSampled :
S13-0280DL

Tot Ion:106 Resp: 4355
Ion Ratio Lower Upper
106 100
91 235.0 109.4 328.2

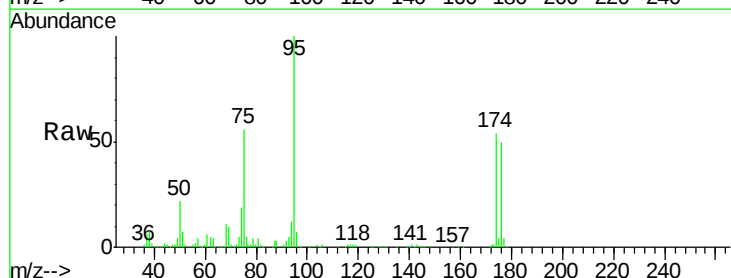


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

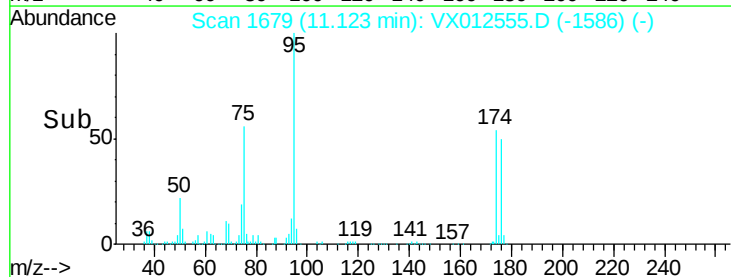
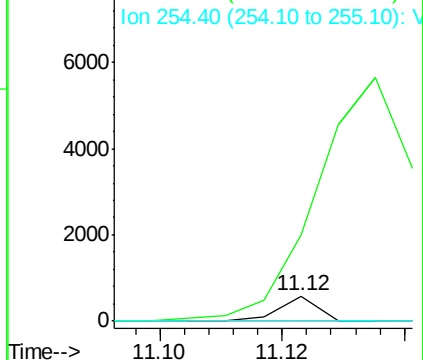


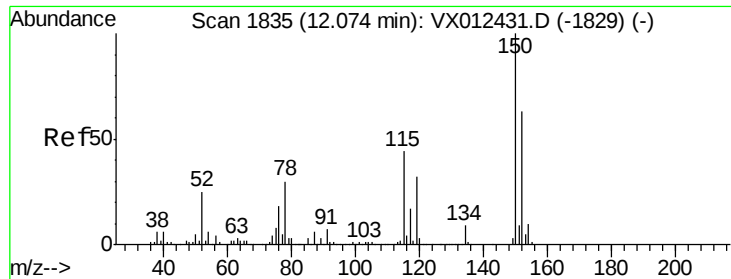
#71
Bromoform
Concen: 3.029 ug/l
RT: 11.12 min Scan# 1679
Delta R.T. 0.27 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

Tgt Ion:173 Resp: 245
Ion Ratio Lower Upper
173 100
175 0.0 23.7 71.1#
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

S13-0280DL

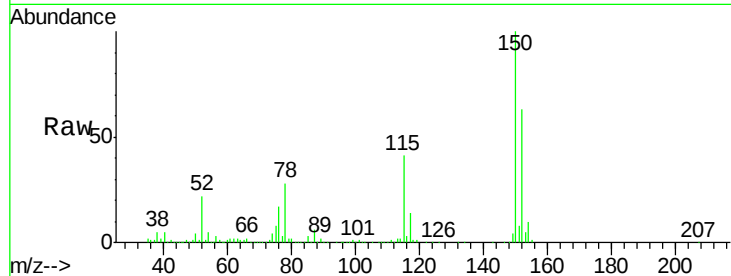
Tot Ion:152 Resp: 102619

Ion Ratio Lower Upper

152 100

115 63.6 44.1 132.3

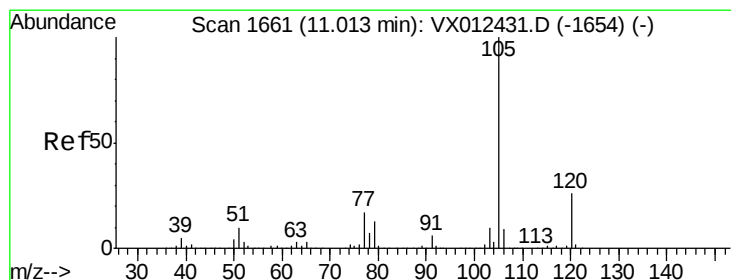
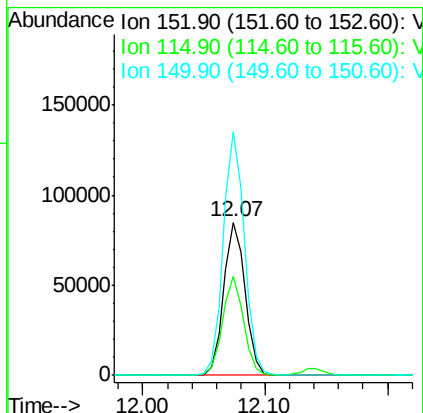
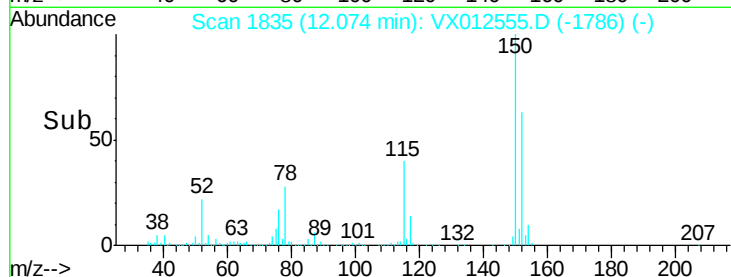
150 157.9 0.0 343.8



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: 5.923 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012555.D

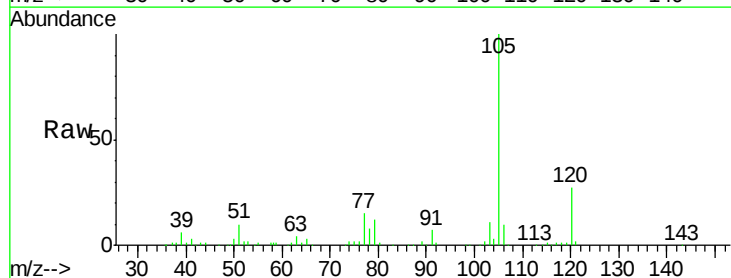
Acq: 20 Sep 2019 14:25

Tgt Ion:105 Resp: 38137

Ion Ratio Lower Upper

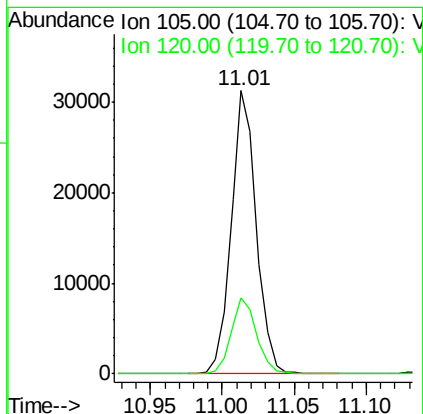
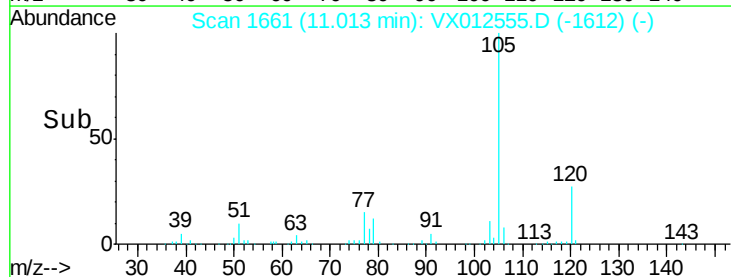
105 100

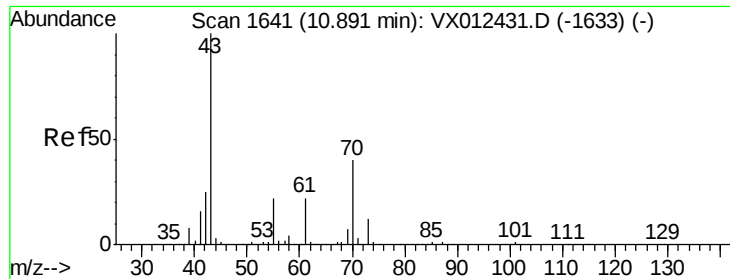
120 27.4 12.9 38.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 0.203 ug/l

RT: 10.90 min Scan# 1643

Delta R.T. 0.01 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

S13-0280DL

Tot Ion: 43 Resp: 703

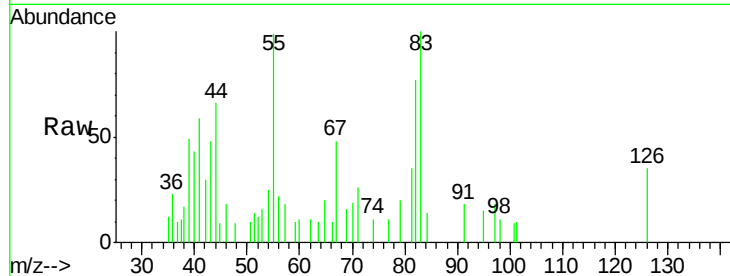
Ion Ratio Lower Upper

43 100

70 74.1 32.4 48.6#

55 161.0 18.2 27.4#

61 0.0 18.5 27.7#

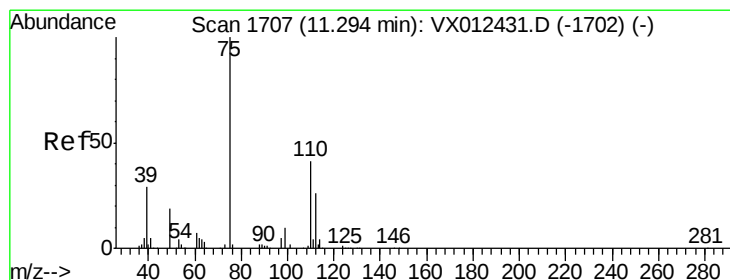
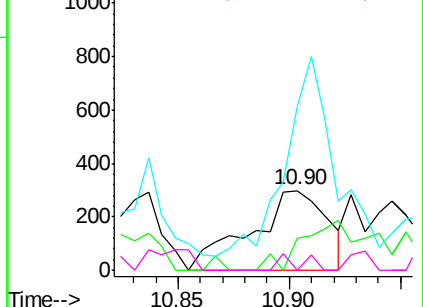
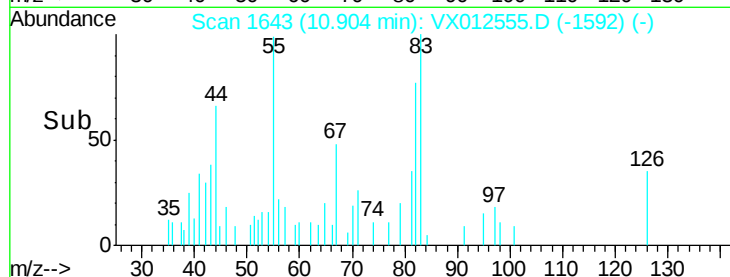


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0



#76

1,2,3-Trichloropropane

Concen: 26.826 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012555.D

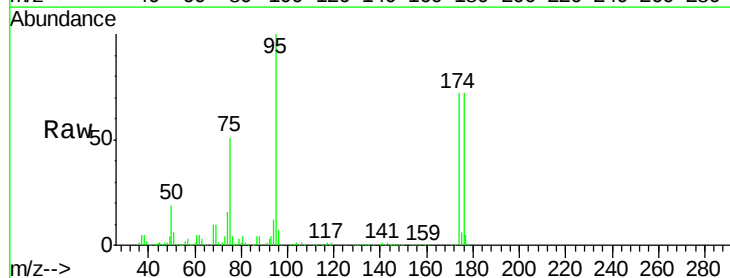
Acq: 20 Sep 2019 14:25

Tgt Ion: 75 Resp: 63236

Ion Ratio Lower Upper

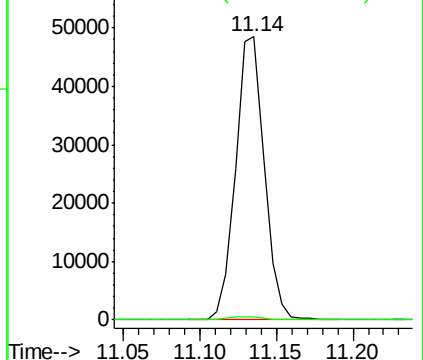
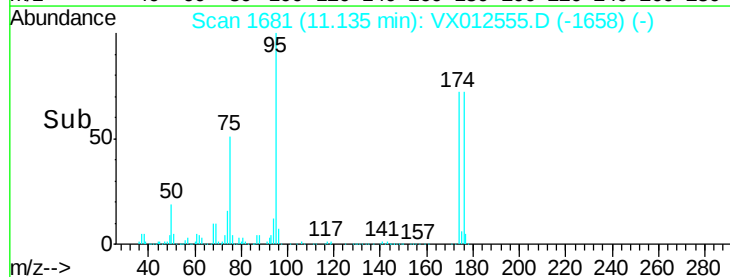
75 100

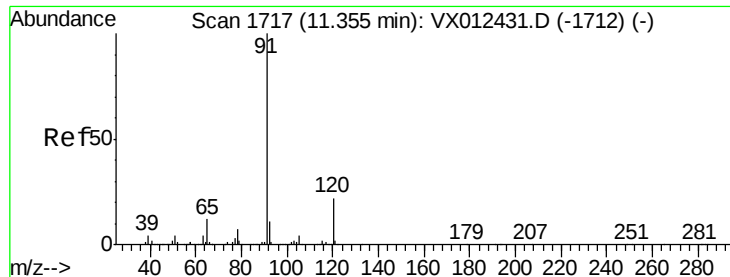
77 1.3 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 6.966 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

Instrument :

MSVOA_X

ClientSampleId :

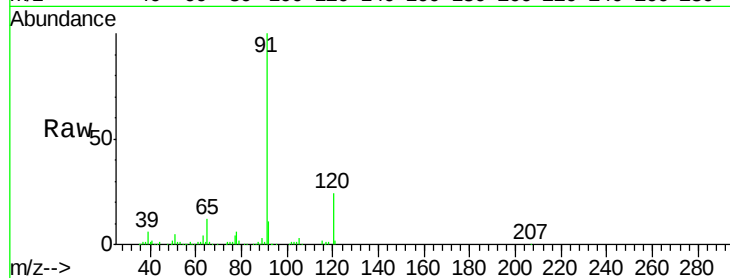
S13-0280DL

Tot Ion: 91 Resp: 49990

Ion Ratio Lower Upper

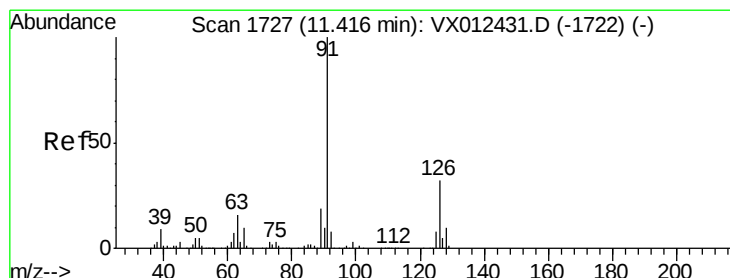
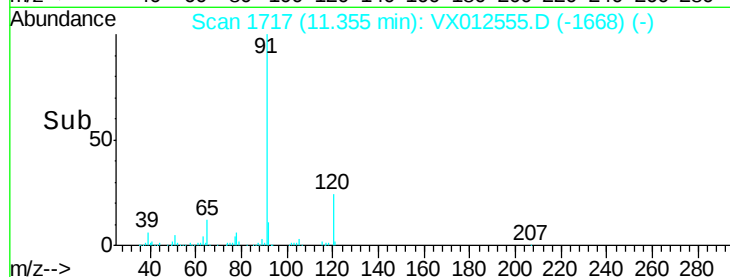
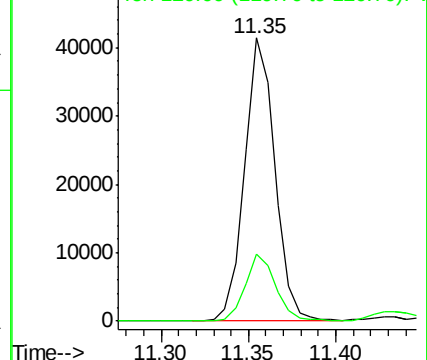
91 100

120 23.7 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V



#79

2-Chlorotoluene

Concen: 10.708 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.06 min

Lab File: VX012555.D

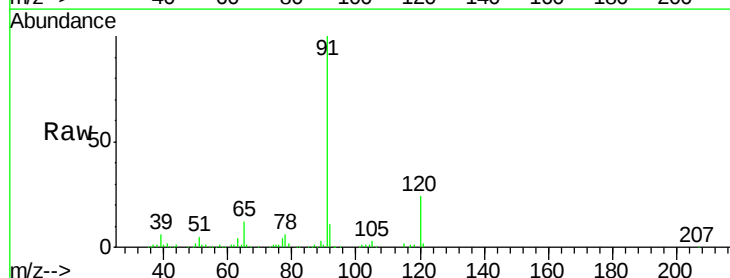
Acq: 20 Sep 2019 14:25

Tgt Ion: 91 Resp: 49990

Ion Ratio Lower Upper

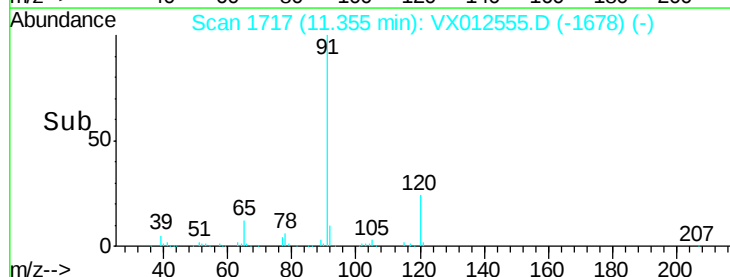
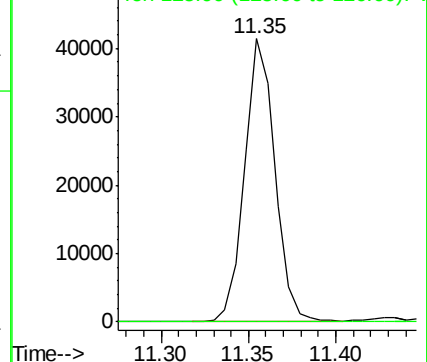
91 100

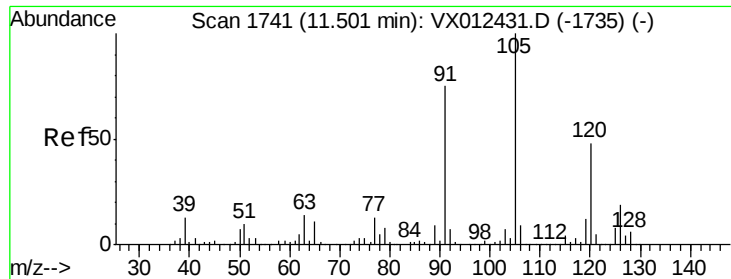
126 0.0 16.4 49.4#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

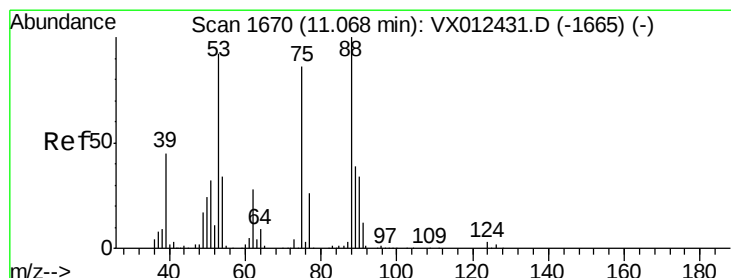
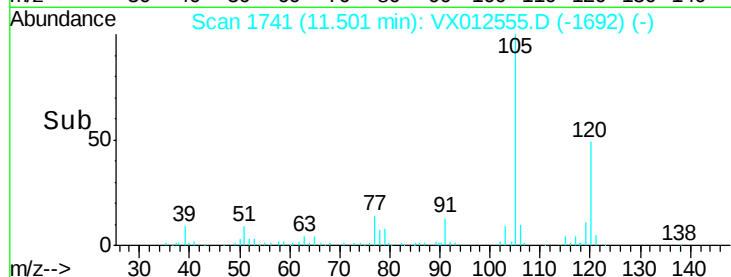
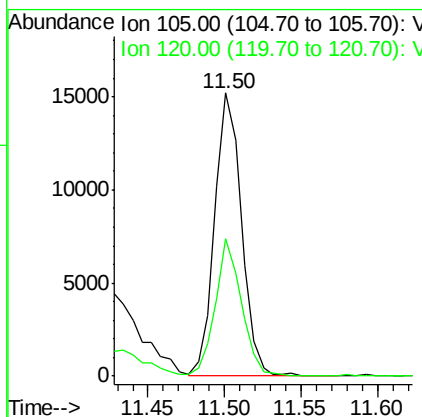
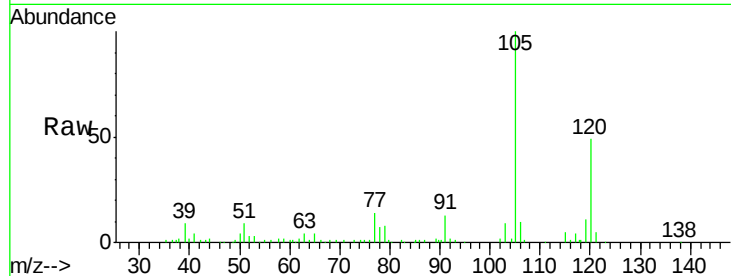




#80
 1,3,5-Trimethylbenzene
 Concen: 3.387 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012555.D
 Acq: 20 Sep 2019 14:25

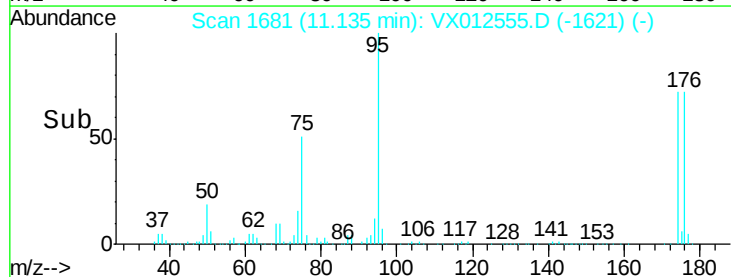
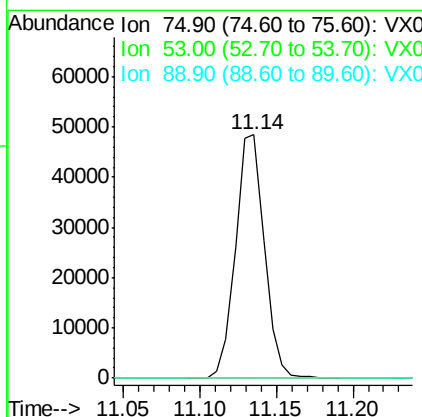
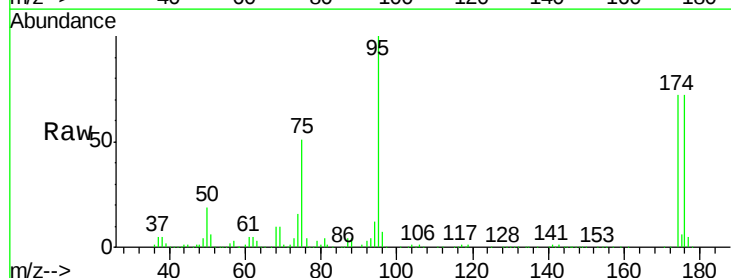
Instrument :
 MSVOA_X
 ClientSampled :
 S13-0280DL

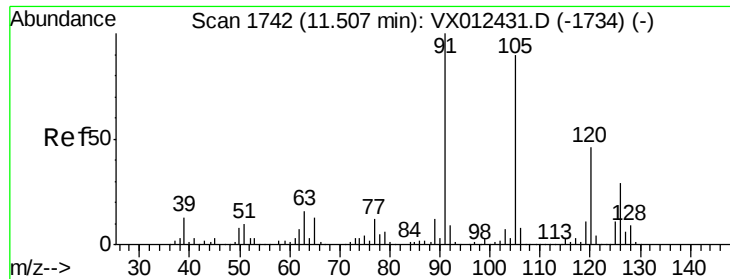
Tot Ion:105 Resp: 18598
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.184 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX012555.D
 Acq: 20 Sep 2019 14:25

Tgt Ion: 75 Resp: 63236
 Ion Ratio Lower Upper
 75 100
 53 0.2 83.6 125.4#
 89 0.0 36.3 54.5#

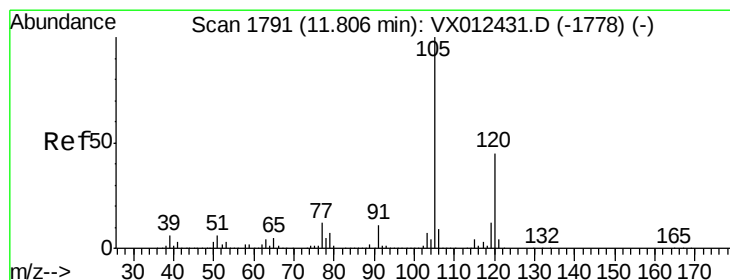
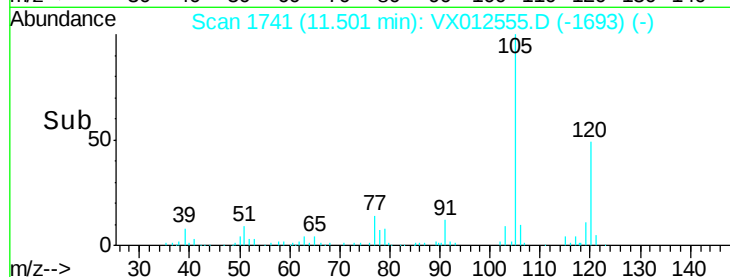
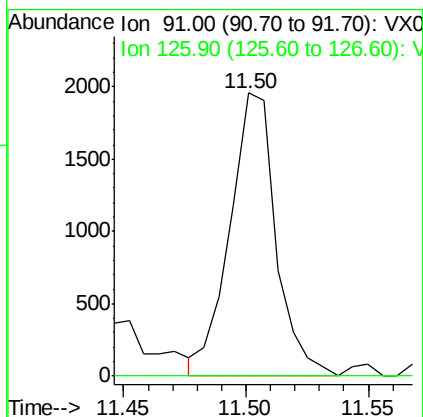
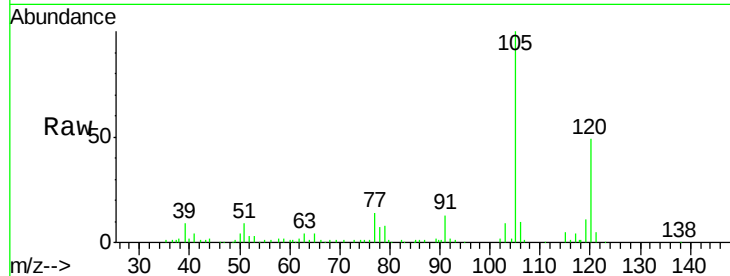




#82
4-Chlorotoluene
Concen: 0.479 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. -0.01 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

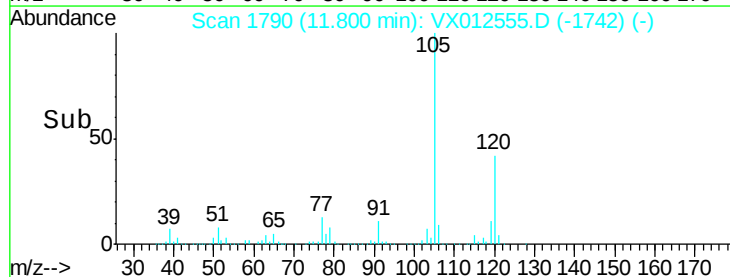
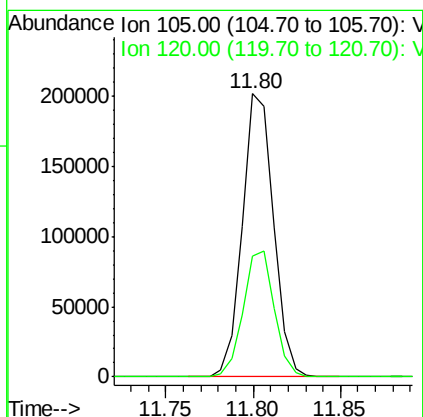
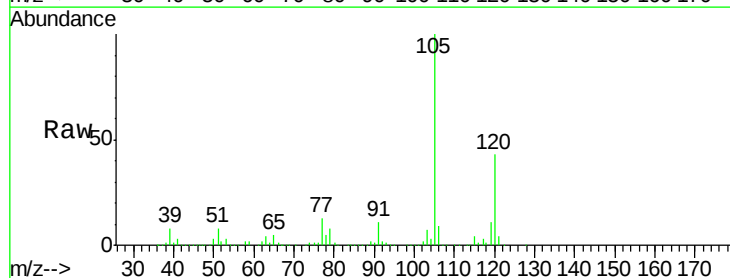
Instrument :
MSVOA_X
ClientSampled :
S13-0280DL

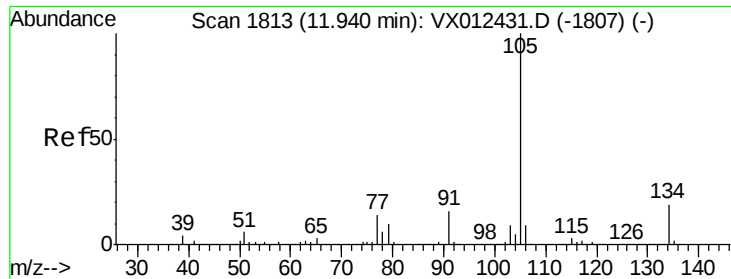
Tot Ion: 91 Resp: 2568
Ion Ratio Lower Upper
91 100
126 0.0 14.4 43.0#



#84
1,2,4-Trimethylbenzene
Concen: 44.348 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012555.D
Acq: 20 Sep 2019 14:25

Tgt Ion: 105 Resp: 250046
Ion Ratio Lower Upper
105 100
120 44.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 38.565 ug/l

RT: 11.80 min Scan# 1790

Delta R.T. -0.14 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

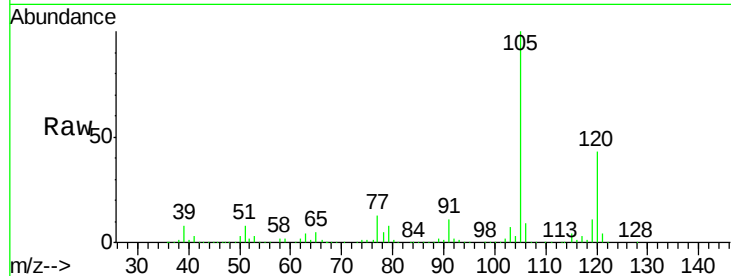
S13-0280DL

Tot Ion:105 Resp: 250046

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.80

200000

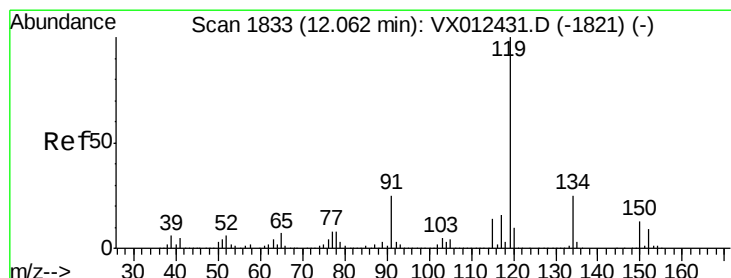
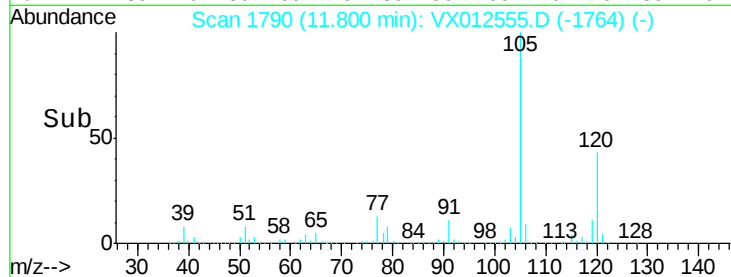
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 1.101 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

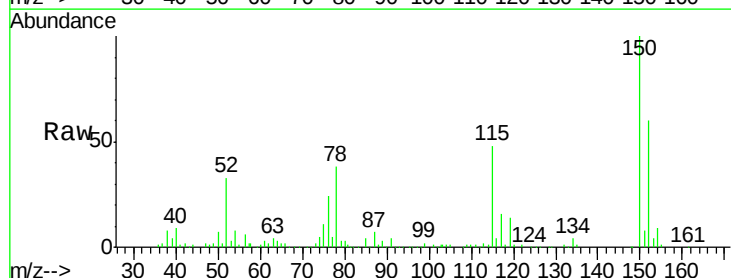
Tgt Ion:119 Resp: 6557

Ion Ratio Lower Upper

119 100

134 30.4 12.7 38.1

91 31.1 12.8 38.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

8000

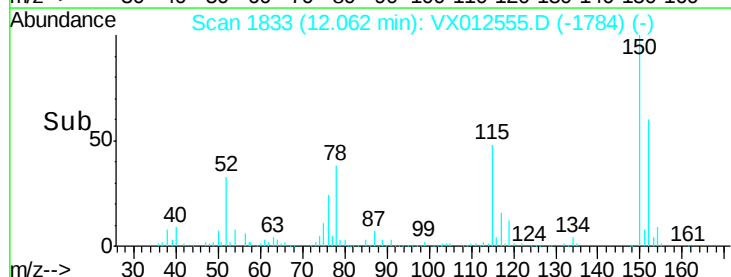
6000

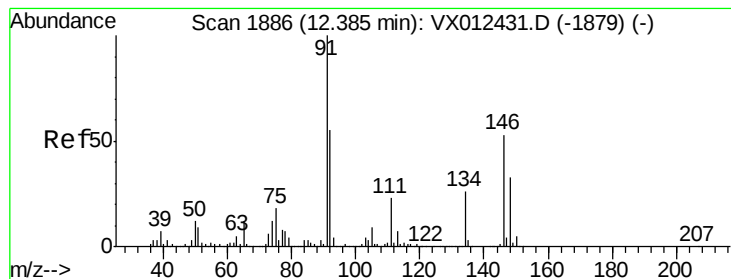
4000

2000

0

Time-->





#89

n-Butylbenzene

Concen: 1.128 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

S13-0280DL

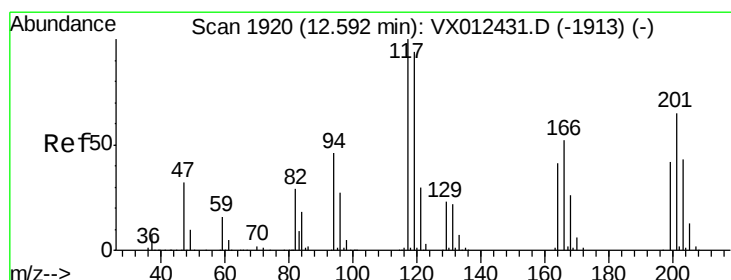
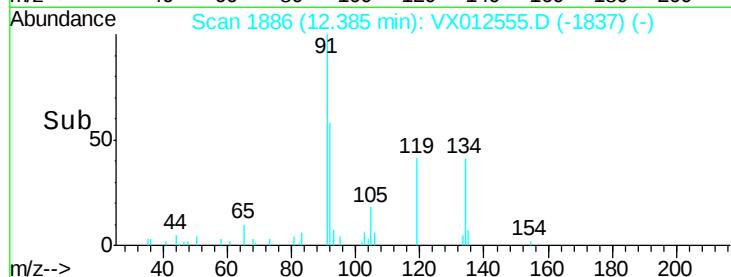
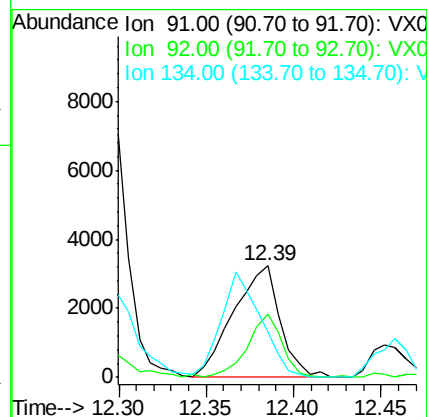
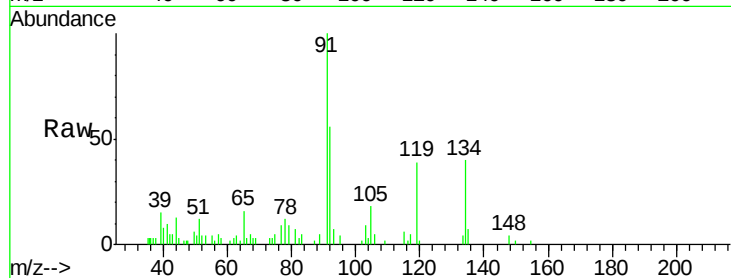
Tot Ion: 91 Resp: 5992

Ion Ratio Lower Upper

91 100

92 42.0 27.7 83.0

134 80.7 12.9 38.6#



#90

Hexachloroethane

Concen: 1.581 ug/l

RT: 12.58 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VX012555.D

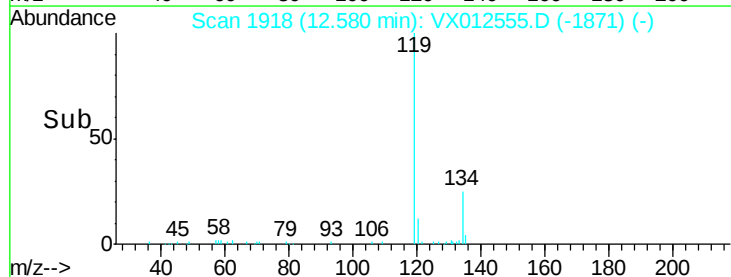
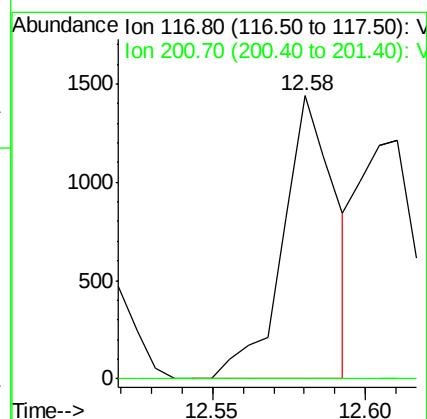
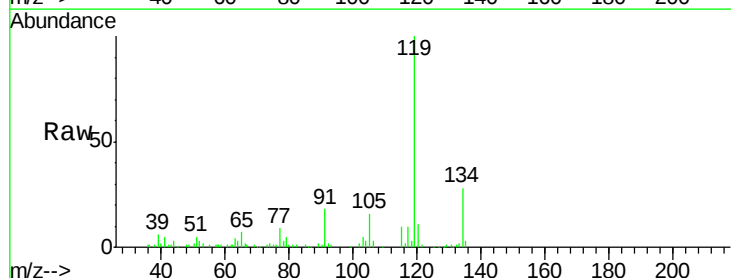
Acq: 20 Sep 2019 14:25

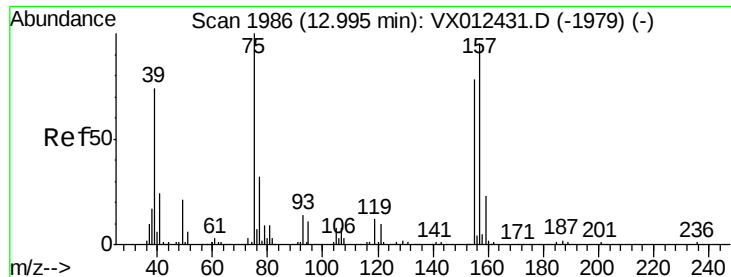
Tgt Ion: 117 Resp: 1726

Ion Ratio Lower Upper

117 100

201 0.0 33.3 99.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.516 ug/l

RT: 13.01 min Scan# 1989

Delta R.T. 0.02 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

Instrument :

MSVOA_X

ClientSampled :

S13-0280DL

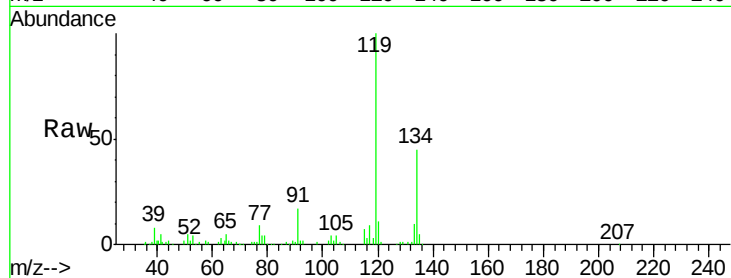
Tot Ion: 75 Resp: 338

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.8#

157 0.0 50.6 151.9#

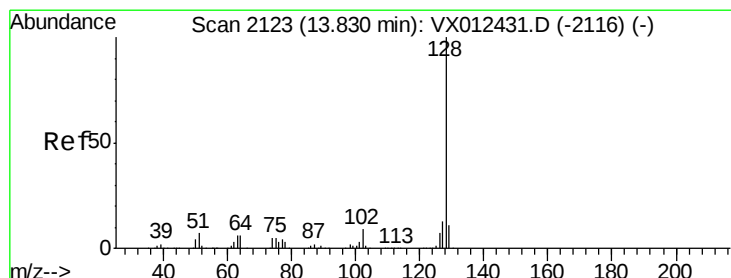
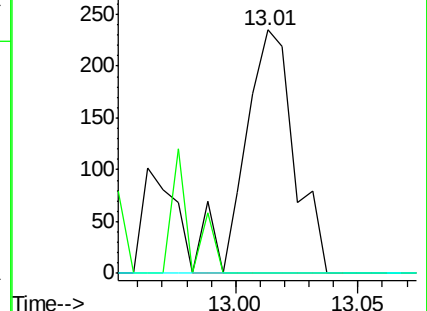
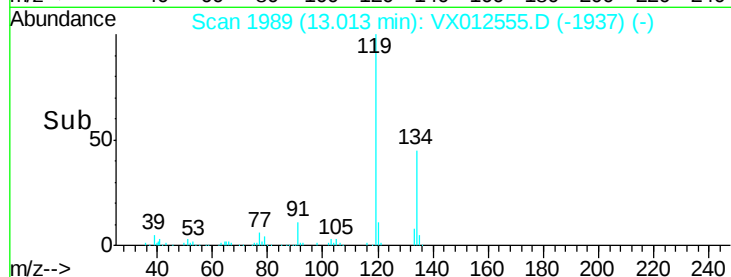


Abundance Ion 74.90 (74.60 to 75.60): VX012431.D (-1979) (-)

Ion 154.80 (154.50 to 155.50): VX012431.D (-1979) (-)

Ion 156.80 (156.50 to 157.50): VX012431.D (-1979) (-)

Time-->



#95

Naphthalene

Concen: 14.916 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012555.D

Acq: 20 Sep 2019 14:25

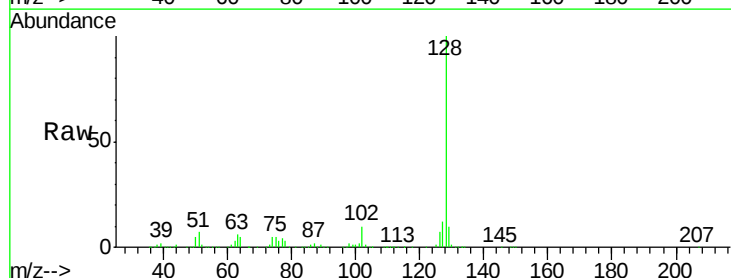
Tgt Ion: 128 Resp: 105542

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.4

129 11.6 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): VX012431.D (-2116) (-)

Ion 127.00 (126.70 to 127.70): VX012431.D (-2116) (-)

Ion 129.00 (128.70 to 129.70): VX012431.D (-2116) (-)

Time-->

