

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012505.D
 Acq On : 19 Sep 2019 04:14
 Operator : JC/SP
 Sample : K4830-11DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0282DL

Quant Time: Sep 19 06:10:16 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	192260	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	307969	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258295	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	104529	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	130618	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
35) Dibromofluoromethane	5.49	113	90791	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	8.71	98	355630	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
62) 4-Bromofluorobenzene	11.14	95	126628	44.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.33	85	25	0.411	ug/l #	43
5) Bromomethane	1.64	94	169	0.377	ug/l #	63
6) Chloroethane	1.67	64	357	0.399	ug/l #	45
10) Methyl Iodide	2.51	142	46	4.474	ug/l #	35
11) Tert butyl alcohol	3.01	59	9200	7.469	ug/l #	72
13) Acrolein	2.30	56	188	Below Cal	#	15
16) Acetone	2.43	43	1575	Below Cal	#	83
17) Carbon Disulfide	2.56	76	358	2.008	ug/l #	75
20) Methylene Chloride	2.84	84	617	0.370	ug/l #	34
29) Tetrahydrofuran	5.11	42	300	0.284	ug/l #	43
31) Cyclohexane	5.57	56	16942	8.902	ug/l	97
36) 1,1-Dichloropropene	5.65	75	16599	8.868	ug/l #	52
38) Carbon Tetrachloride	5.64	117	21055	9.045	ug/l #	16
39) Methylcyclohexane	7.45	83	33097	18.190	ug/l	96
44) Trichloroethene	7.22	130	1835	1.172	ug/l	87
45) 1,2-Dichloropropane	7.47	63	413	0.226	ug/l #	1
48) Methyl methacrylate	7.73	41	2056	0.846	ug/l #	45
49) 1,4-Dioxane	7.72	88	22	0.372	ug/l #	1
51) 4-Methyl-2-Pentanone	8.65	43	936	0.277	ug/l #	85
55) 1,1,2-Trichloroethane	9.16	97	8481	4.292	ug/l #	20
56) Ethyl methacrylate	9.17	69	2363	0.765	ug/l #	26
67) Ethyl Benzene	10.25	91	6358	0.868	ug/l	94
68) m/p-Xylenes	10.36	106	6649	2.495	ug/l	96
69) o-Xylene	10.69	106	1162	0.424	ug/l	98
73) Isopropylbenzene	11.01	105	122846	18.731	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	742	0.288	ug/l #	29
76) 1,2,3-Trichloropropane	11.13	75	64966	27.057	ug/l #	38
78) n-propylbenzene	11.35	91	127575	17.453	ug/l	100
79) 2-Chlorotoluene	11.35	91	127575	26.827	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.45	105	11628	2.079	ug/l	74
81) trans-1,4-Dichloro-2-buten	11.13	75	64966	72.777	ug/l #	8
82) 4-Chlorotoluene	11.35	91	127575	23.375	ug/l #	46
83) tert-Butylbenzene	11.77	119	3815	0.637	ug/l	87
84) 1,2,4-Trimethylbenzene	11.80	105	309257	53.848	ug/l	98

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QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

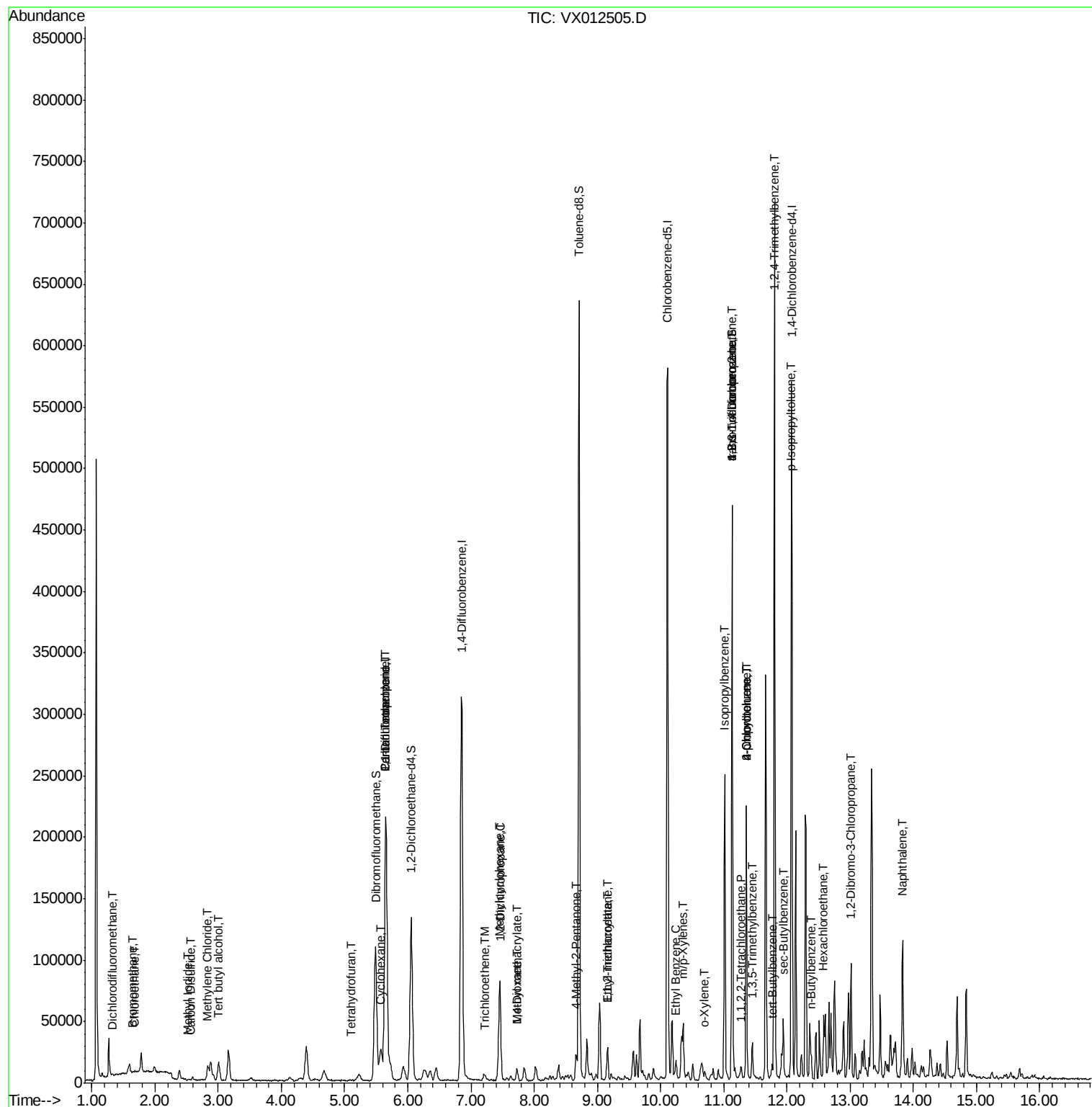
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.94	105	22462	3.401	uq/l #	78
86) p-Isopropyltoluene	12.06	119	5905	0.974	uq/l	87
89) n-Butylbenzene	12.39	91	8399	1.552	uq/l #	69
90) Hexachloroethane	12.58	117	2020	1.817	uq/l #	17
92) 1,2-Dibromo-3-Chloropropan	13.01	75	418	0.627	uq/l #	4
95) Naphthalene	13.83	128	63039	8.746	uq/l	96

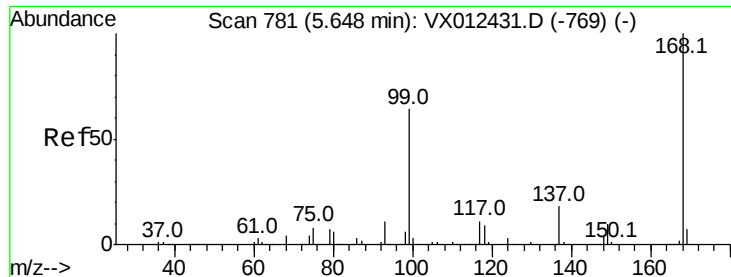
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012505.D

Acq: 19 Sep 2019 04:14

Instrument :

MSVOA_X

ClientSampleId :

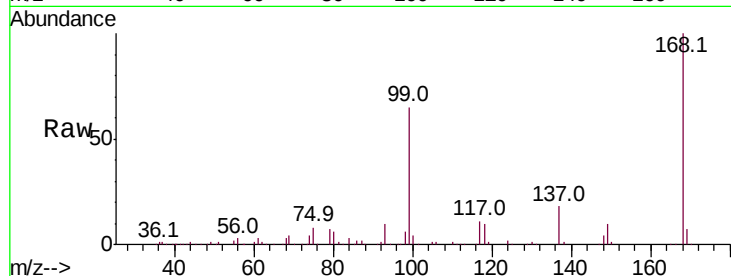
S13-0282DL

Tot Ion:168 Resp: 192260

Ion Ratio Lower Upper

168 100

99 65.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

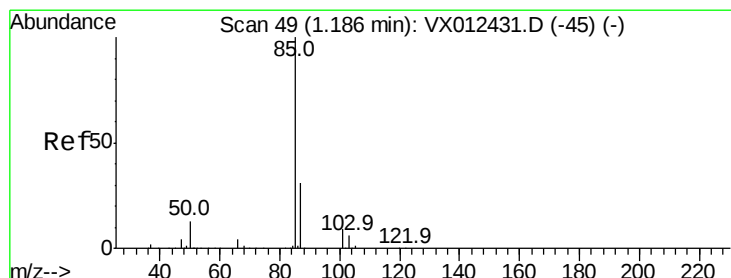
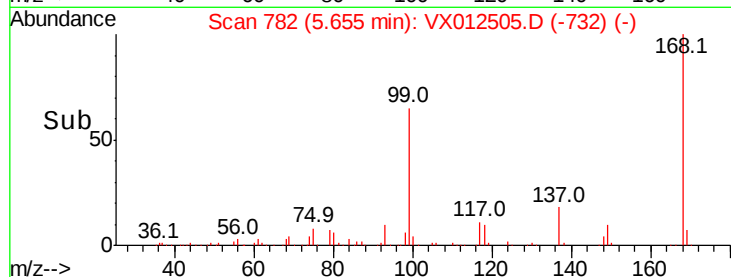
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#2

Dichlorodifluoromethane

Concen: 0.411 ug/l

RT: 1.33 min Scan# 72

Delta R.T. 0.14 min

Lab File: VX012505.D

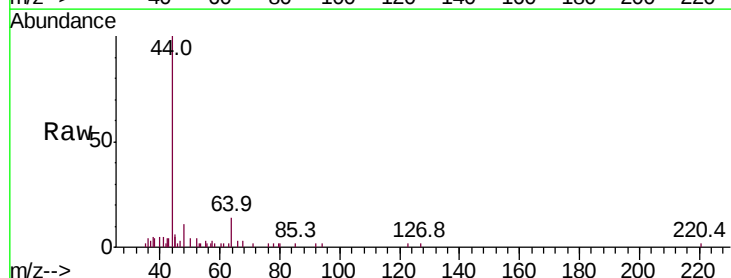
Acq: 19 Sep 2019 04:14

Tgt Ion: 85 Resp: 25

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

80

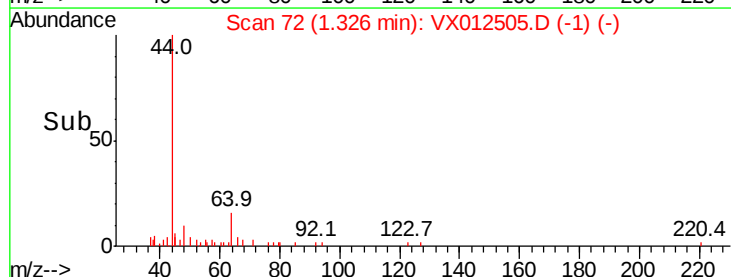
60

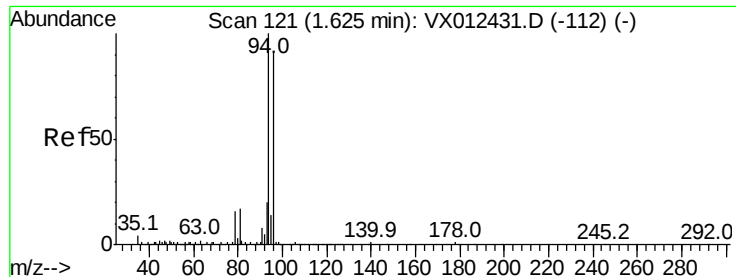
40

20

0

Time--> 1.31 1.32 1.33 1.34





#5

Bromomethane

Concen: 0.377 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012505.D

Acq: 19 Sep 2019 04:14

Instrument :

MSVOA_X

ClientSampleID :

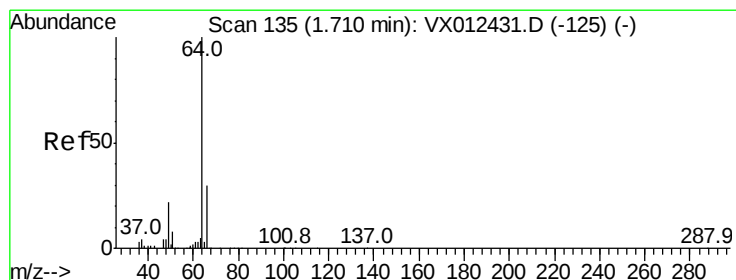
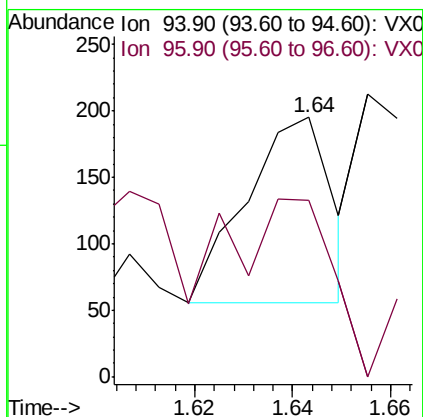
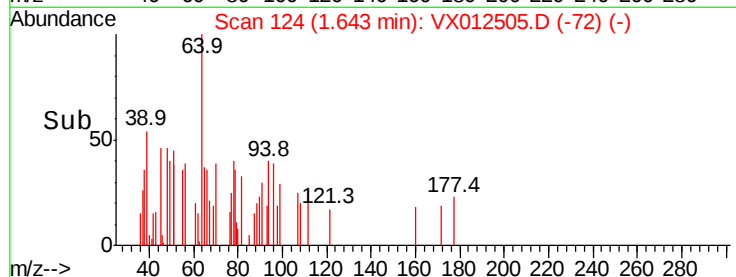
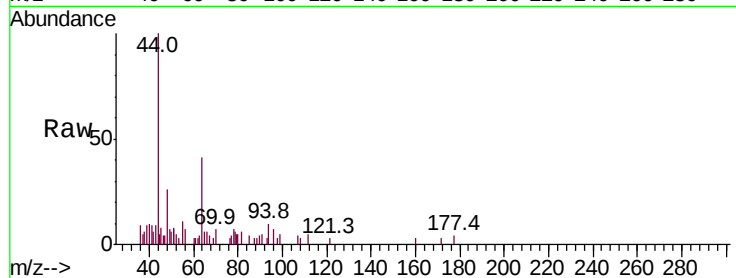
S13-0282DL

Tot Ion: 94 Resp: 169

Ion Ratio Lower Upper

94 100

96 56.1 72.8 109.2#



#6

Chloroethane

Concen: 0.399 ug/l

RT: 1.67 min Scan# 129

Delta R.T. -0.04 min

Lab File: VX012505.D

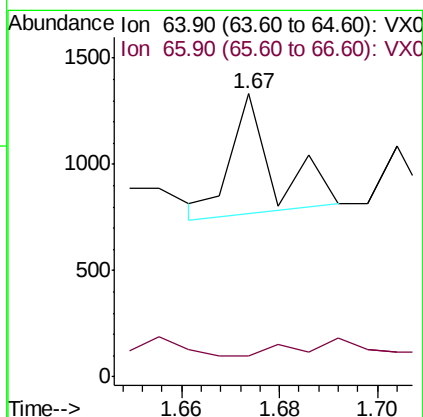
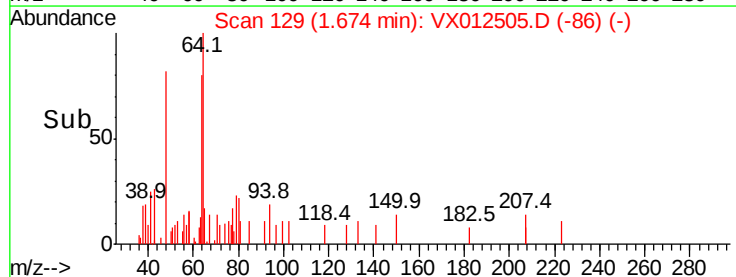
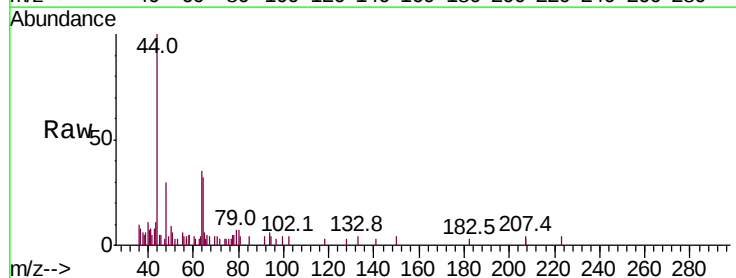
Acq: 19 Sep 2019 04:14

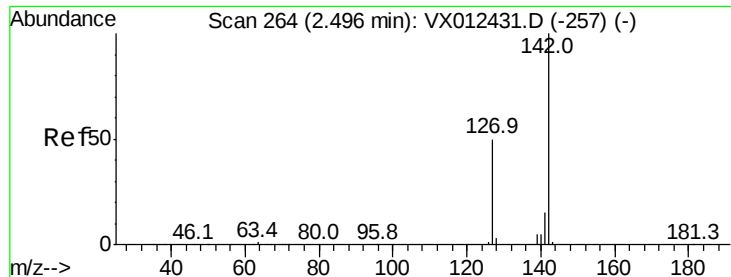
Tgt Ion: 64 Resp: 357

Ion Ratio Lower Upper

64 100

66 0.0 24.0 36.0#

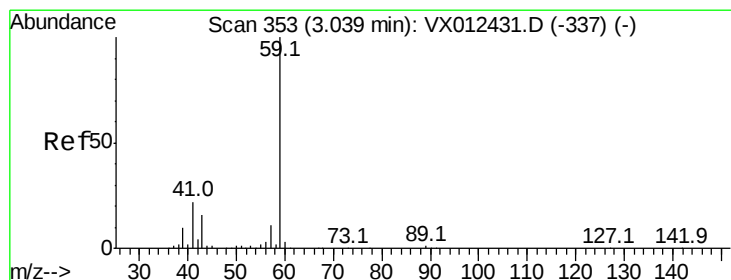
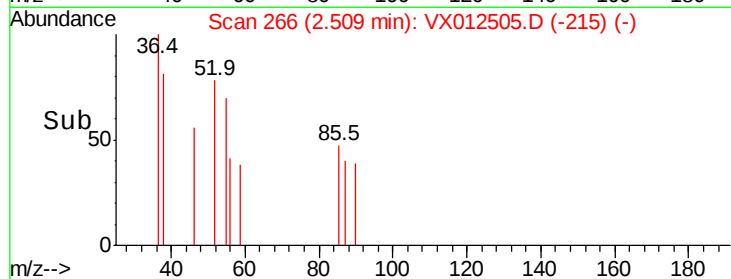
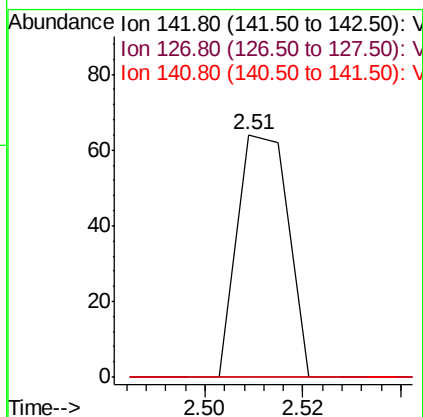
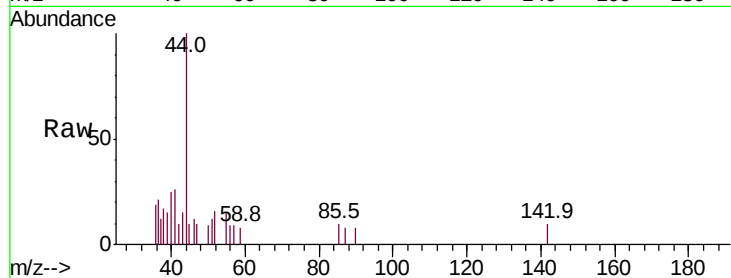




#10
Methyl Iodide
Concen: 4.474 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

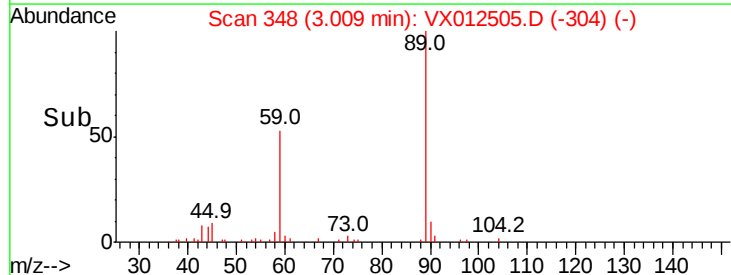
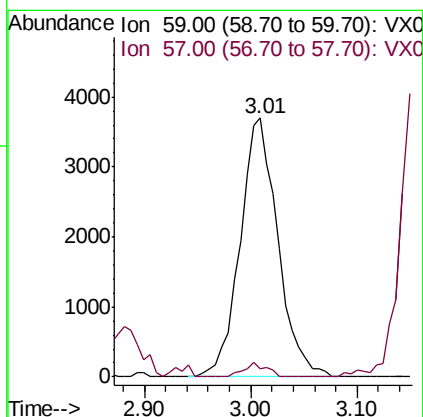
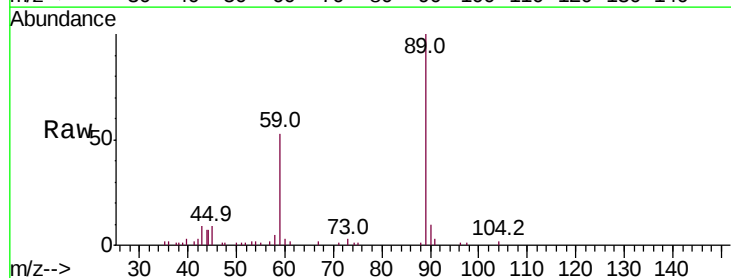
Instrument :
MSVOA_X
ClientSampleID :
S13-0282DL

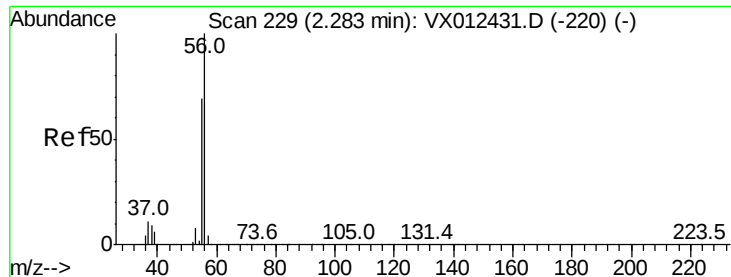
Tot Ion:142 Resp: 46
Ion Ratio Lower Upper
142 100
127 0.0 40.8 61.2#
141 0.0 12.1 18.1#



#11
Tert butyl alcohol
Concen: 7.469 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

Tgt Ion: 59 Resp: 9200
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#13

Acrolein

Concen: Below Cal

RT: 2.30 min Scan# 231

Delta R.T. 0.01 min

Lab File: VX012505.D

Acq: 19 Sep 2019 04:14

Instrument :

MSVOA_X

ClientSampled :

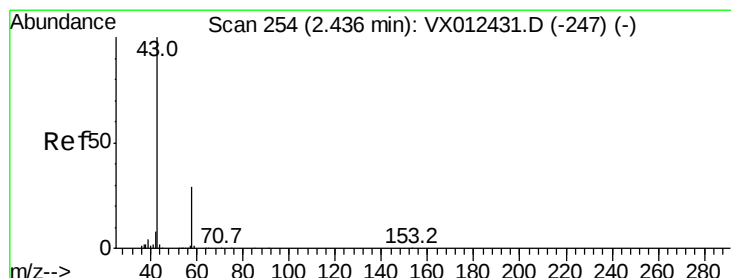
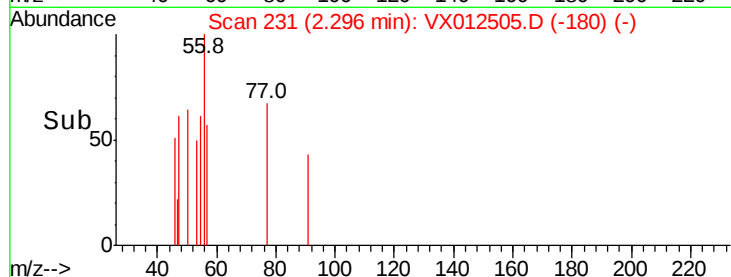
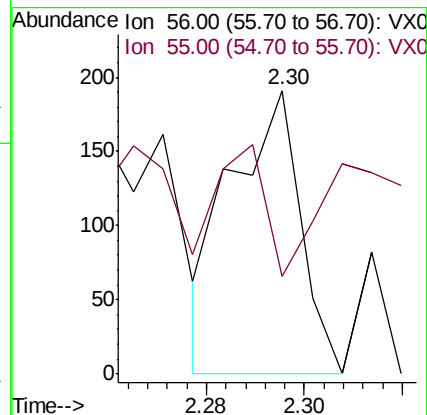
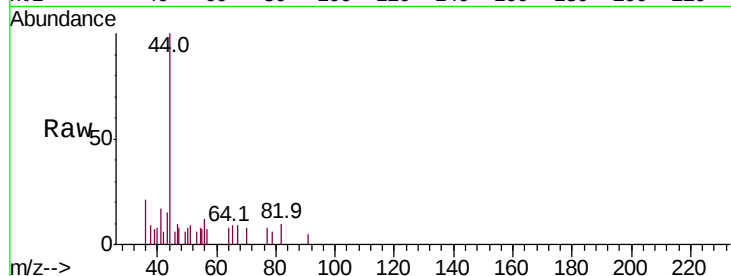
S13-0282DL

Tot Ion: 56 Resp: 188

Ion Ratio Lower Upper

56 100

55 0.0 55.8 83.8#



#16

Acetone

Concen: Below Cal

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012505.D

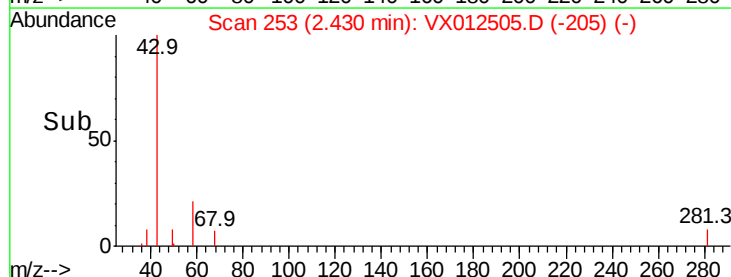
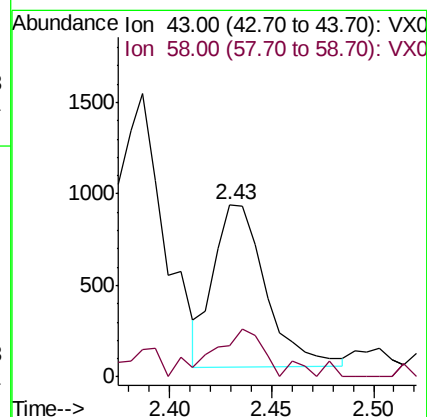
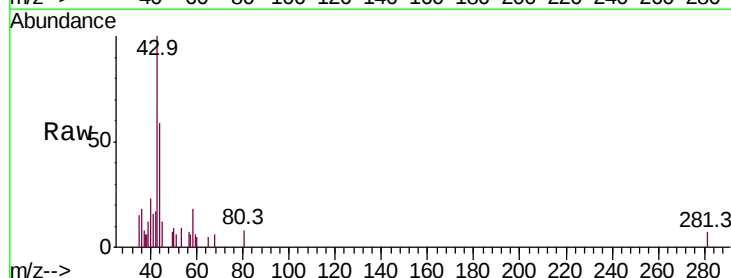
Acq: 19 Sep 2019 04:14

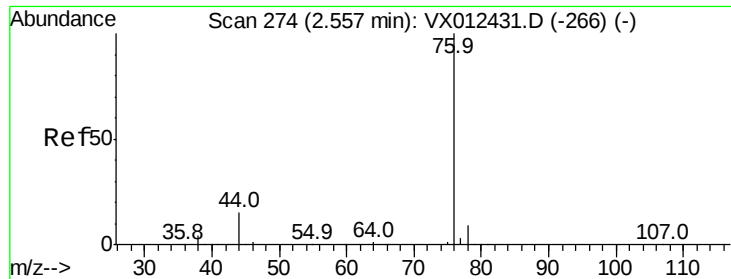
Tgt Ion: 43 Resp: 1575

Ion Ratio Lower Upper

43 100

58 20.2 23.3 34.9#





#17

Carbon Disulfide

Concen: 2.008 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012505.D

Acq: 19 Sep 2019 04:14

Instrument :

MSVOA_X

ClientSampled :

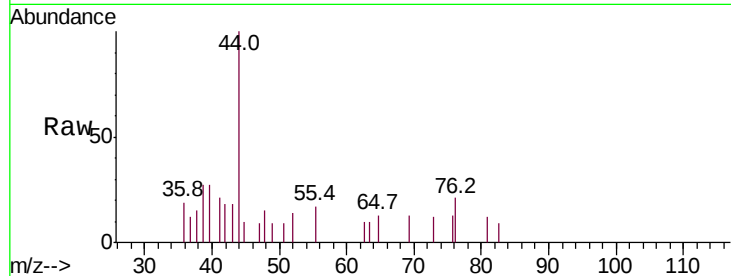
S13-0282DL

Tot Ion: 76 Resp: 358

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

200

150

100

50

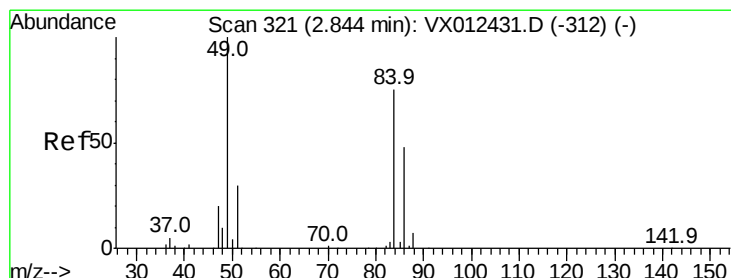
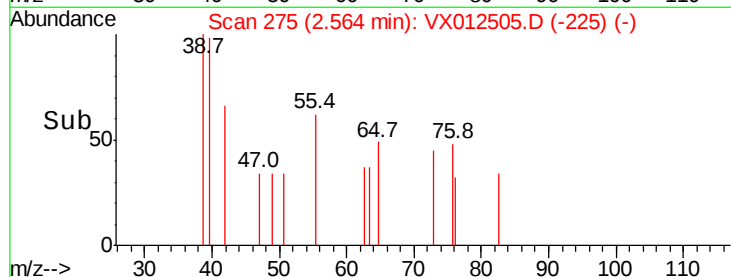
0

2.50

2.55

2.60

Time-->



#20

Methylene Chloride

Concen: 0.370 ug/l

RT: 2.84 min Scan# 320

Delta R.T. -0.01 min

Lab File: VX012505.D

Acq: 19 Sep 2019 04:14

Tgt Ion: 84 Resp: 617

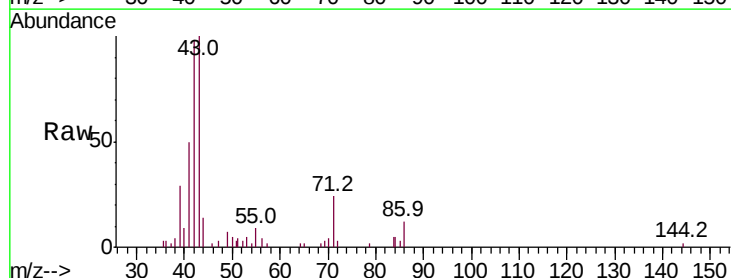
Ion Ratio Lower Upper

84 100

49 50.6 106.8 160.2#

51 69.7 32.3 48.5#

86 118.4 51.3 76.9#



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

500

400

300

200

100

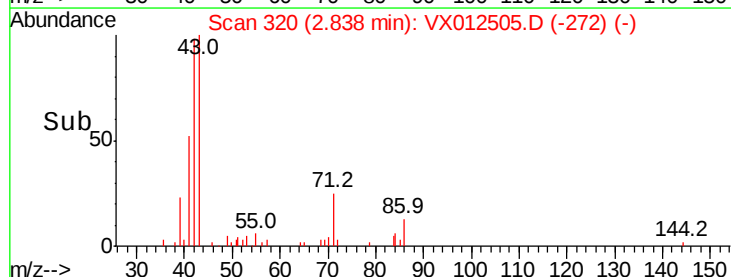
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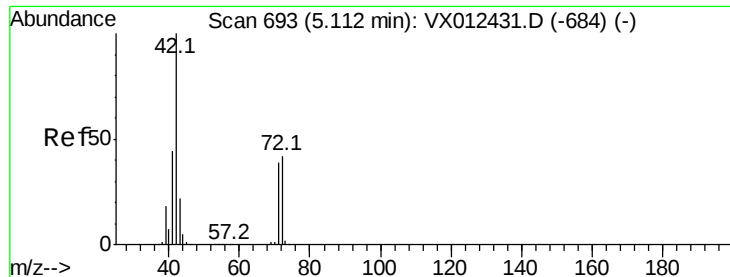
2.80

2.85

2.90

Time-->

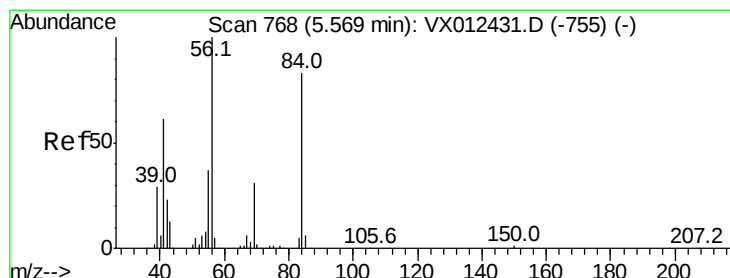
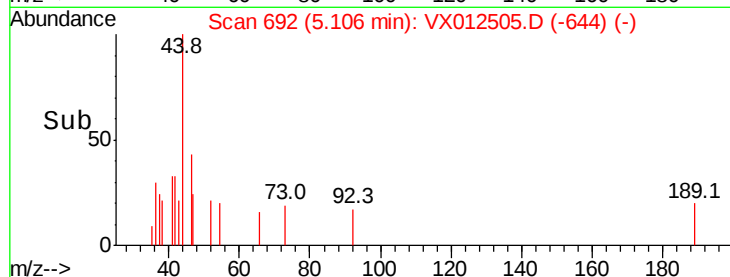
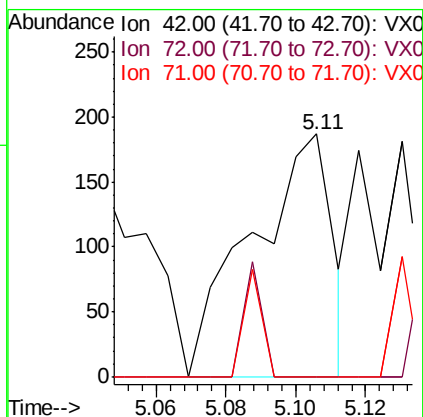
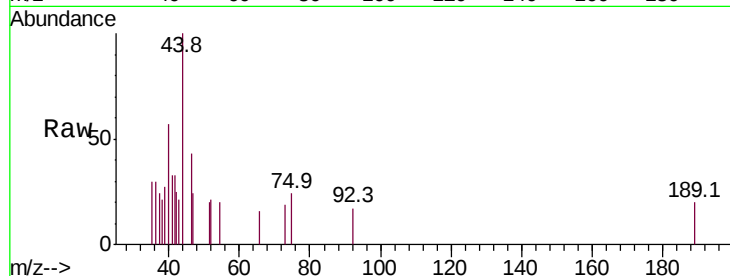




#29
Tetrahydrofuran
Concen: 0.284 ug/l
RT: 5.11 min Scan# 692
Delta R.T. -0.01 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

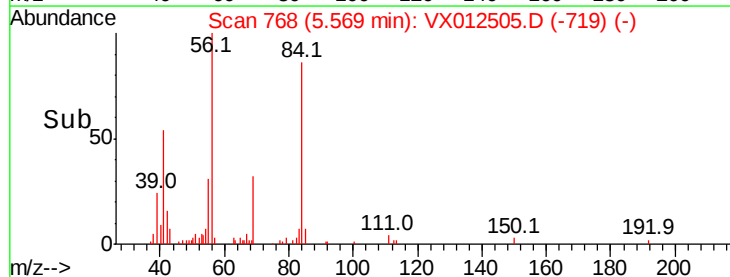
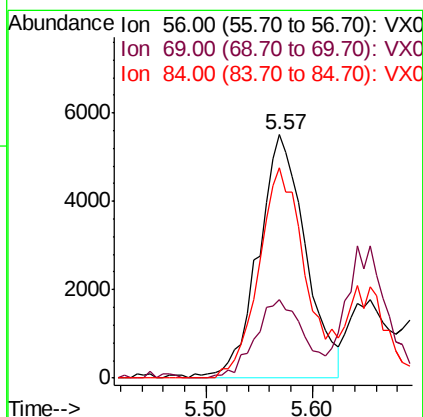
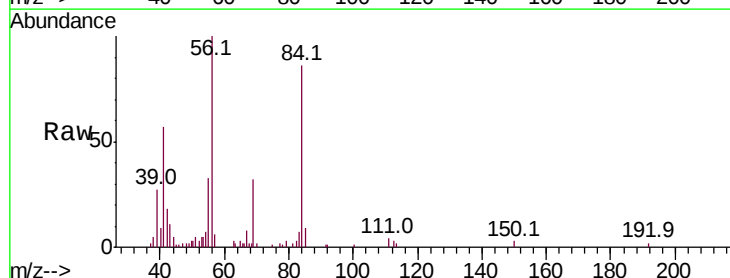
Instrument :
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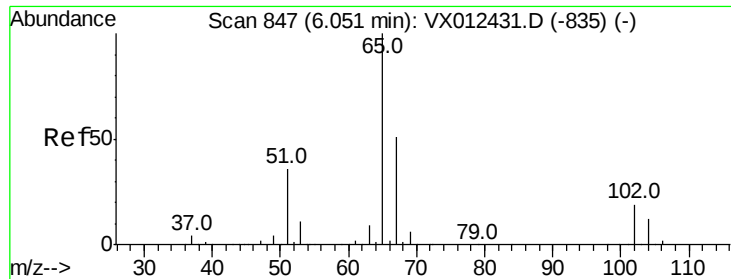
Tot Ion: 42 Resp: 300
Ion Ratio Lower Upper
42 100
72 11.0 34.0 51.0#
71 0.0 31.5 47.3#



#31
Cyclohexane
Concen: 8.902 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

Tgt Ion: 56 Resp: 16942
Ion Ratio Lower Upper
56 100
69 32.3 25.0 37.6
84 86.5 66.4 99.6

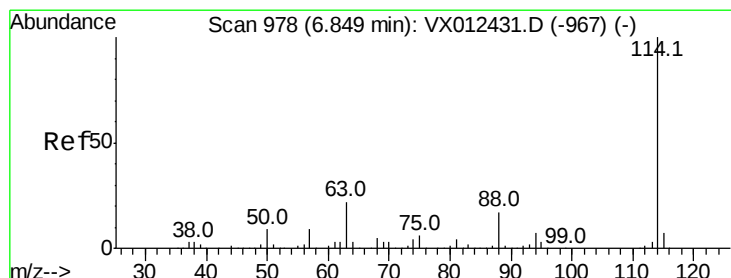
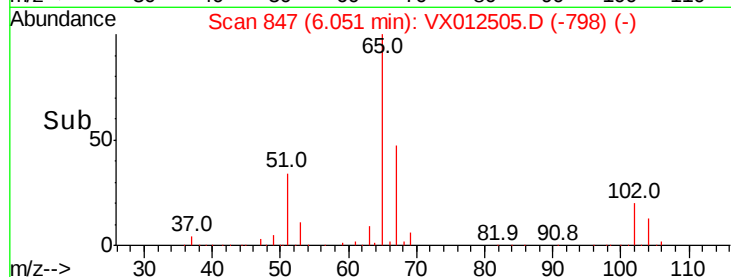
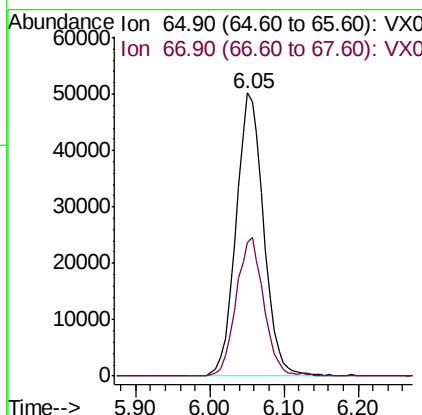
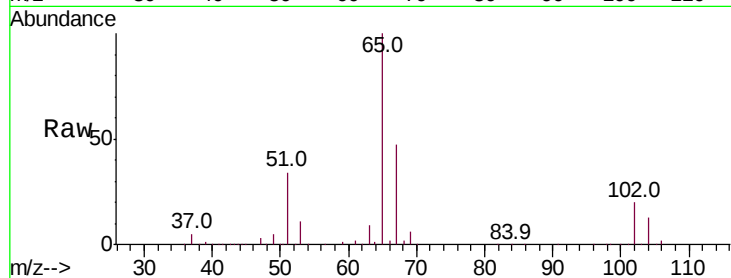




#33
 1,2-Dichloroethane-d4
 Concen: 47.403 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012505.D
 Acq: 19 Sep 2019 04:14

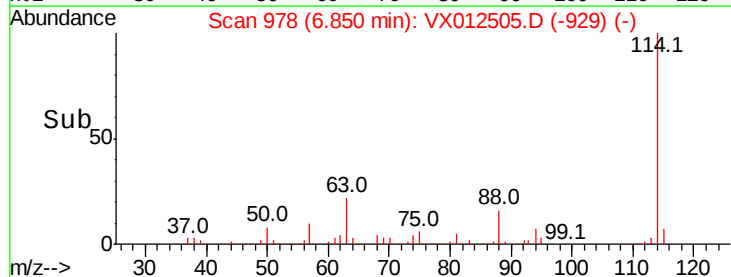
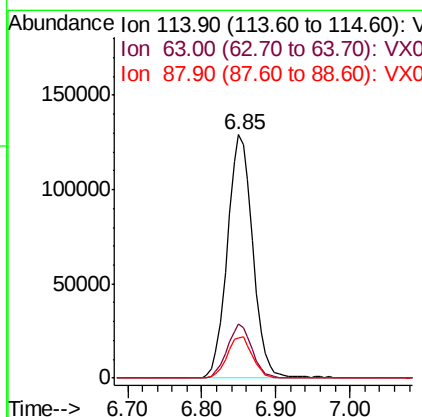
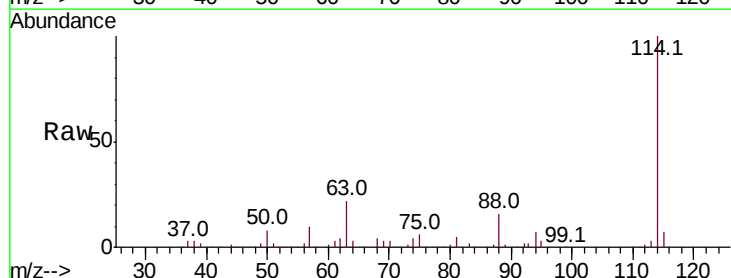
Instrument :
 MSVOA_X
 ClientSampleID :
 S13-0282DL

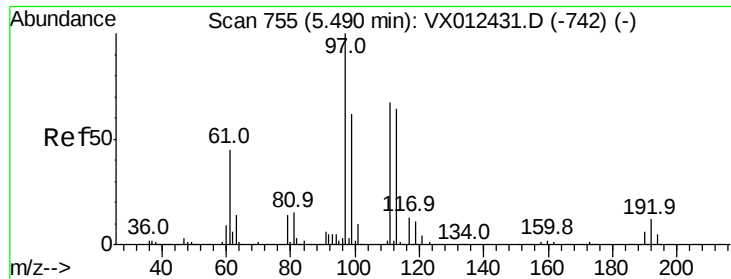
Tot Ion: 65 Resp: 130618
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012505.D
 Acq: 19 Sep 2019 04:14

Tgt Ion: 114 Resp: 307969
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.2
 88 16.5 0.0 33.2

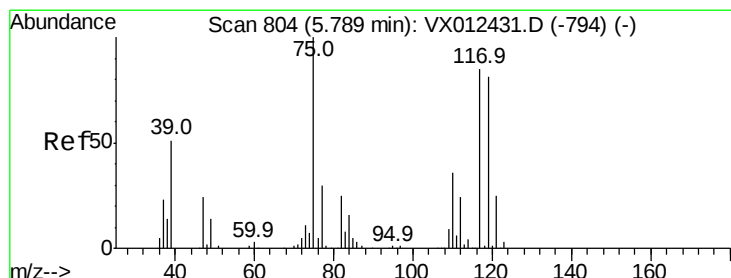
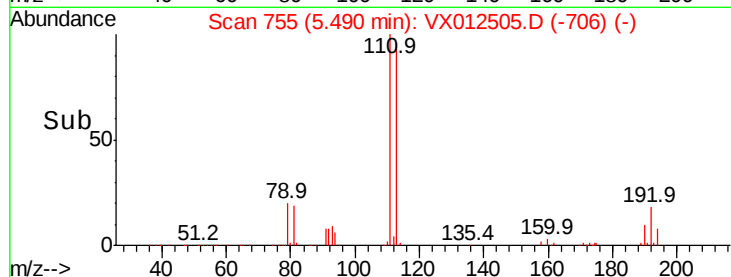
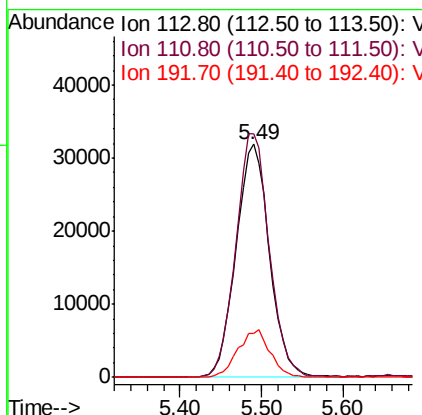
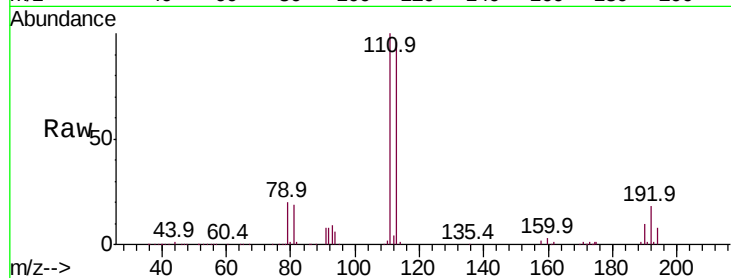




#35
 Dibromofluoromethane
 Concen: 48.707 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012505.D
 Acq: 19 Sep 2019 04:14

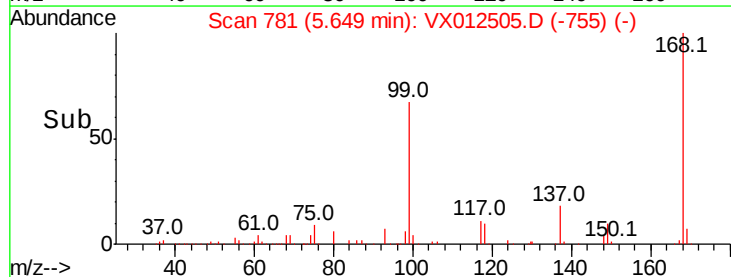
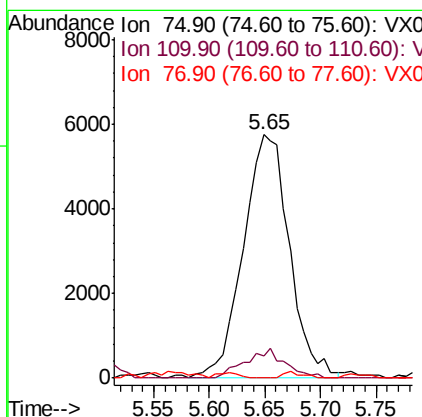
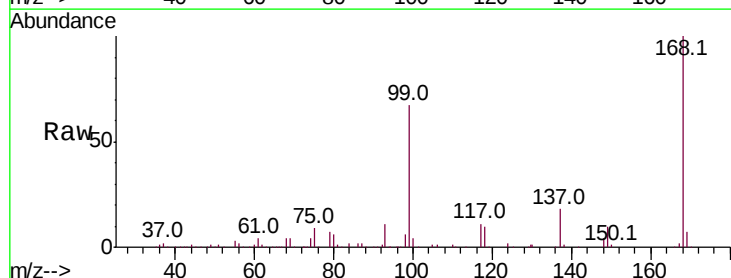
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0282DL

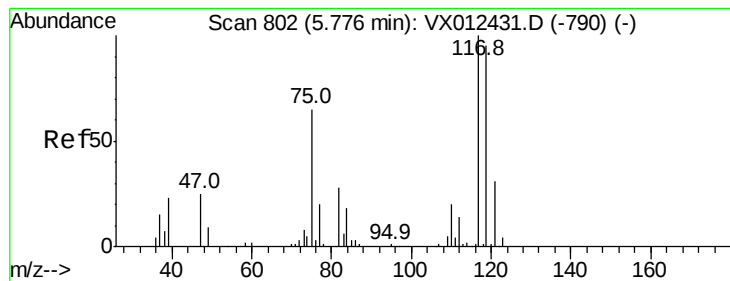
Tot Ion:113 Resp: 90791
 Ion Ratio Lower Upper
 113 100
 111 104.3 83.4 125.2
 192 19.8 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 8.868 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012505.D
 Acq: 19 Sep 2019 04:14

Tgt Ion: 75 Resp: 16599
 Ion Ratio Lower Upper
 75 100
 110 10.3 16.7 50.0#
 77 0.0 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 9.045 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

Lab File: VX012505.D

Acq: 19 Sep 2019 04:14

Instrument :

MSVOA_X

ClientSampleId :

S13-0282DL

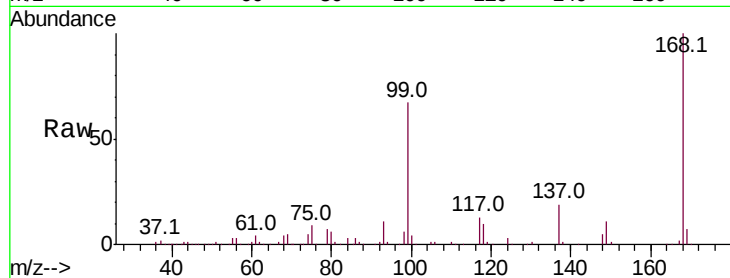
Tot Ion:117 Resp: 21055

Ion Ratio Lower Upper

117 100

119 4.6 75.7 113.5#

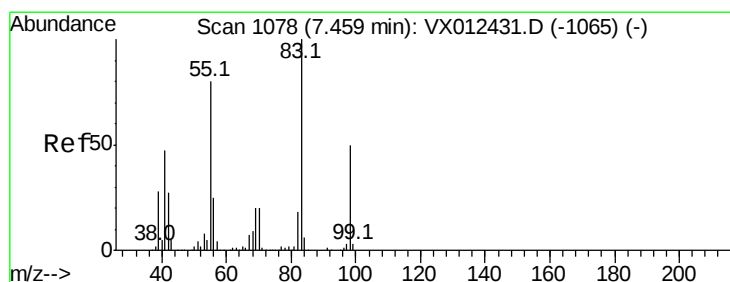
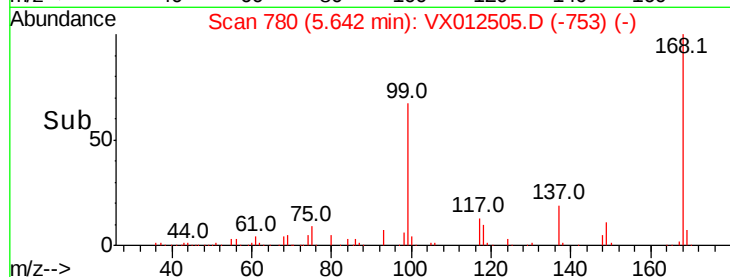
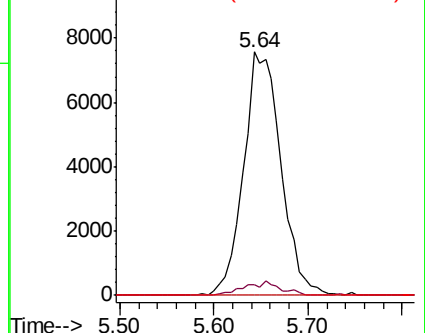
121 0.0 24.2 36.4#



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

Methylcyclohexane

Concen: 18.190 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. -0.01 min

Lab File: VX012505.D

Acq: 19 Sep 2019 04:14

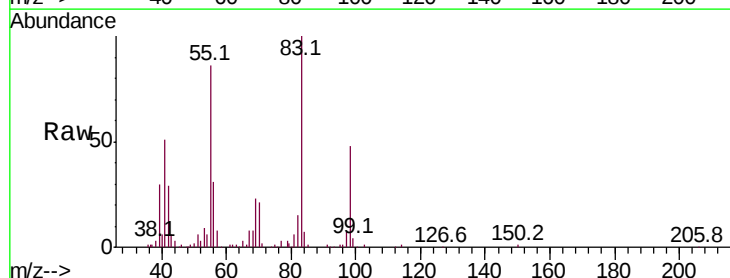
Tgt Ion: 83 Resp: 33097

Ion Ratio Lower Upper

83 100

55 85.1 64.4 96.6

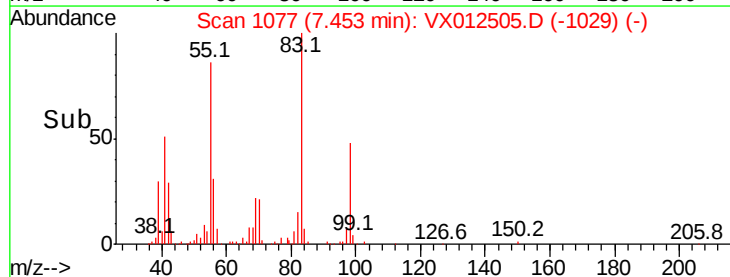
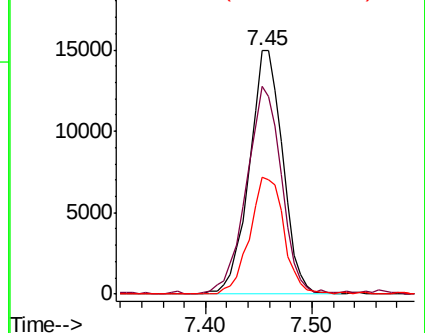
98 48.1 40.1 60.1

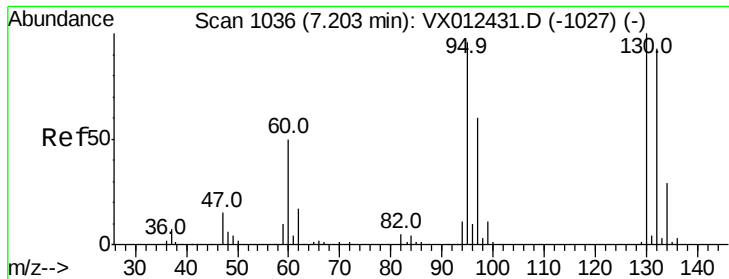


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

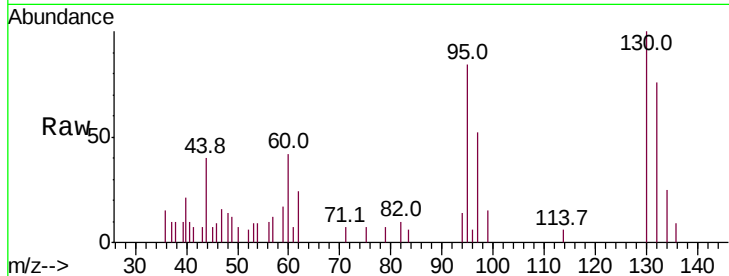




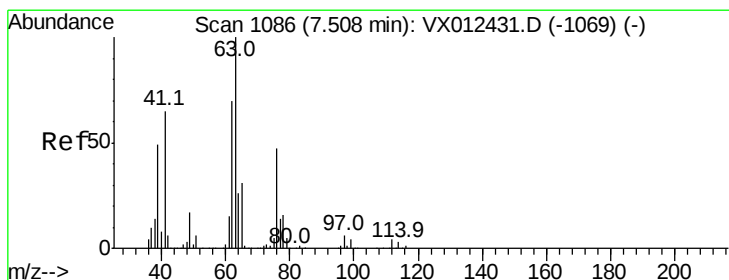
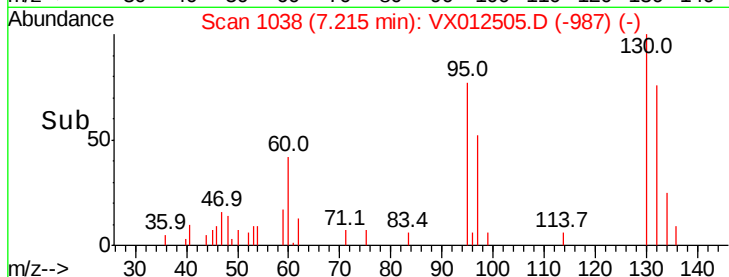
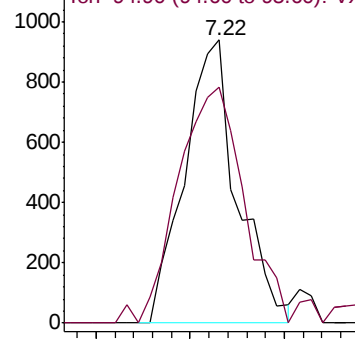
#44
 Trichloroethene
 Concen: 1.172 ug/l
 RT: 7.22 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: VX012505.D
 Acq: 19 Sep 2019 04:14

Instrument :
 MSVOA_X
 ClientSampleID :
 S13-0282DL

Tot Ion:130 Resp: 1835
 Ion Ratio Lower Upper
 130 100
 95 83.6 0.0 193.0

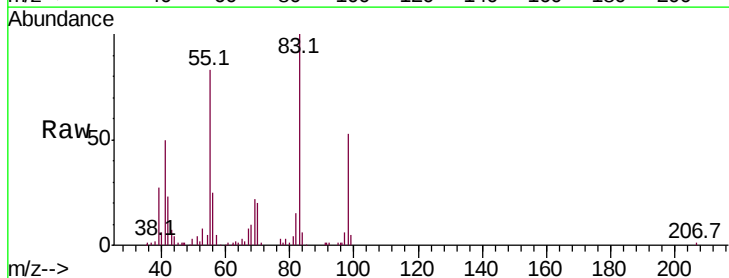


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

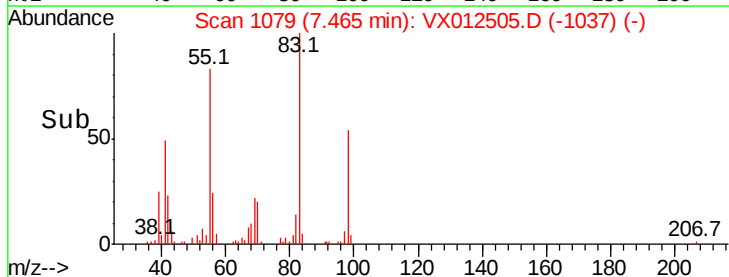
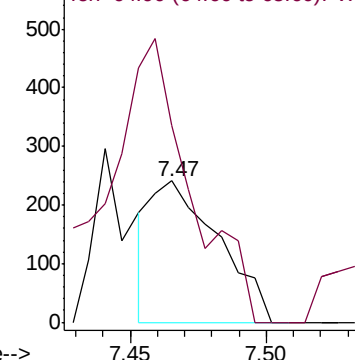


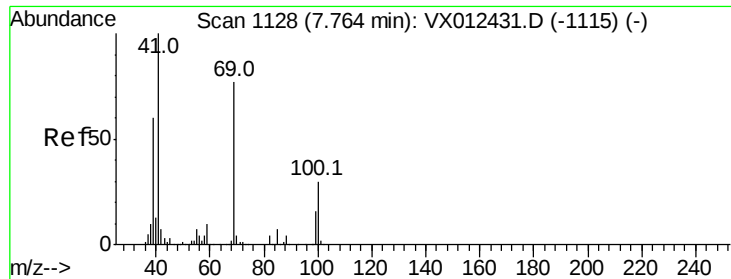
#45
 1,2-Dichloropropane
 Concen: 0.226 ug/l
 RT: 7.47 min Scan# 1079
 Delta R.T. -0.04 min
 Lab File: VX012505.D
 Acq: 19 Sep 2019 04:14

Tgt Ion: 63 Resp: 413
 Ion Ratio Lower Upper
 63 100
 65 139.0 25.0 37.6#



Abundance Ion 62.90 (62.60 to 63.60): VX0
 Ion 64.90 (64.60 to 65.60): VX0

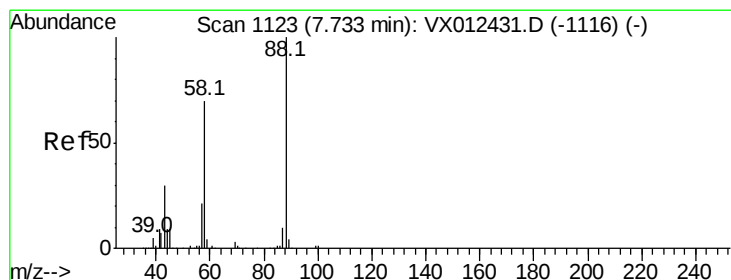
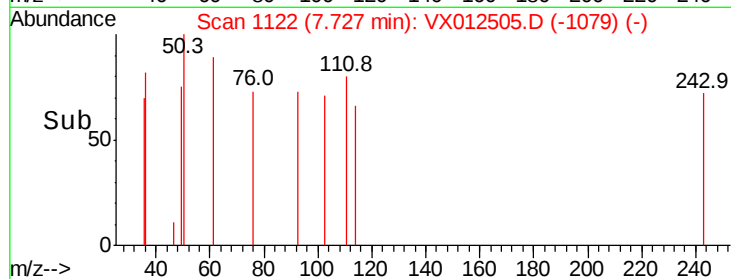
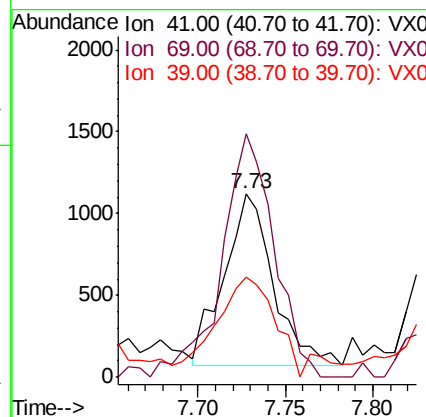
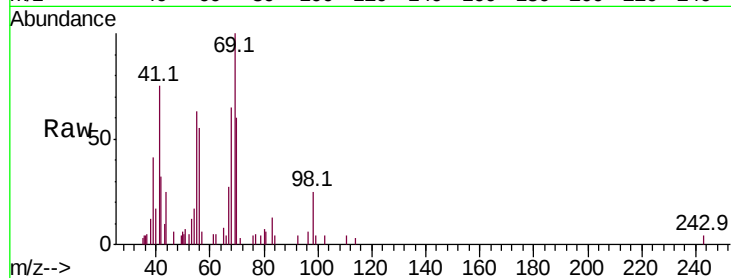




#48
Methvl methacrylate
Concen: 0.846 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.04 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

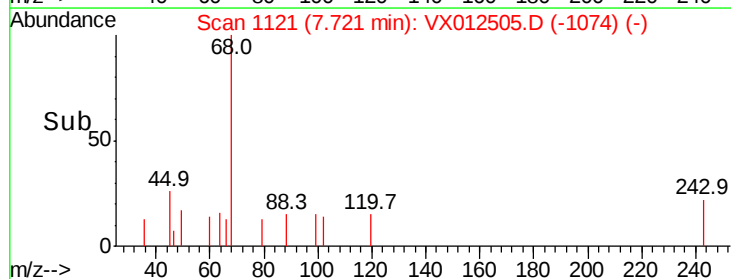
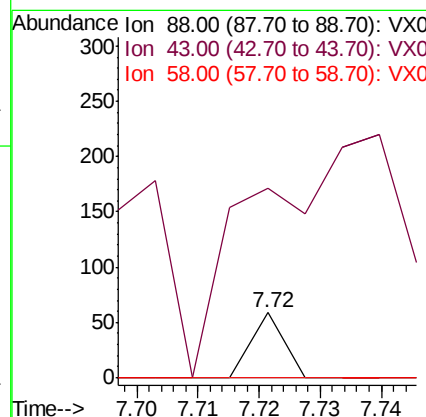
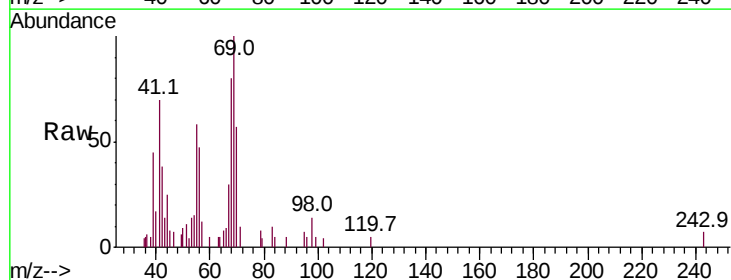
Instrument :
MSVOA_X
ClientSampled :
S13-0282DL

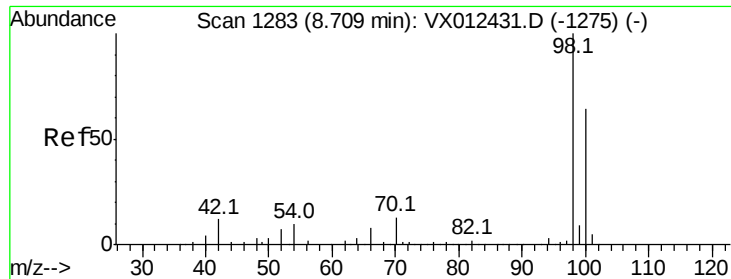
Tot Ion: 41 Resp: 2056
Ion Ratio Lower Upper
41 100
69 150.3 59.9 89.9#
39 69.9 47.8 71.6



#49
1,4-Dioxane
Concen: 0.372 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. -0.01 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 1968.2 29.4 44.0#
58 0.0 57.5 86.3#

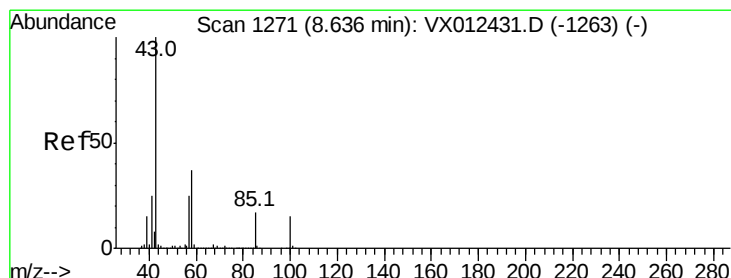
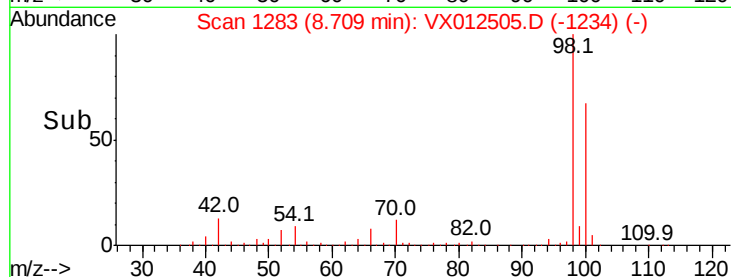
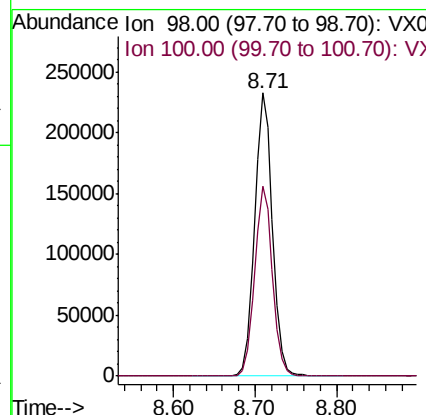
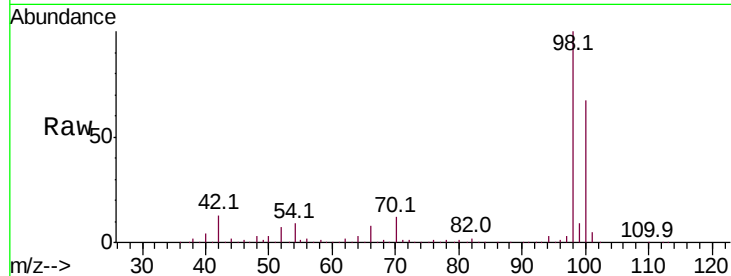




#50
Toluene-d8
Concen: 51.544 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

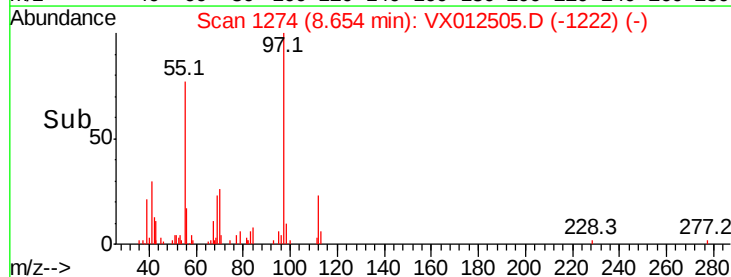
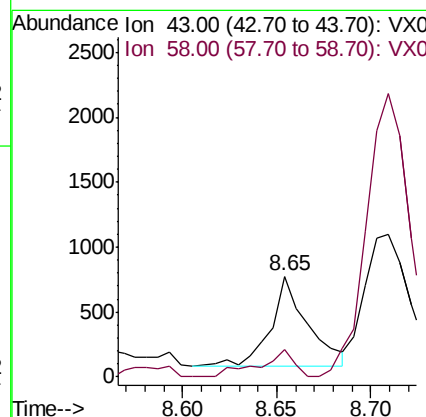
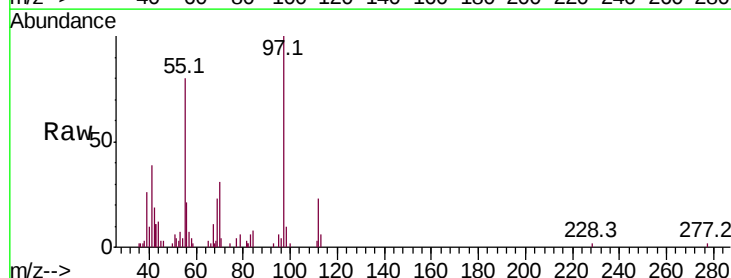
Instrument :
MSVOA_X
ClientSampled :
S13-0282DL

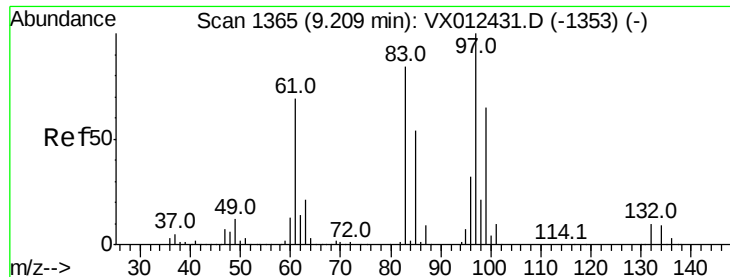
Tot Ion: 98 Resp: 355630
Ion Ratio Lower Upper
98 100
100 67.2 53.4 80.2



#51
4-Methyl-2-Pentanone
Concen: 0.277 ug/l
RT: 8.65 min Scan# 1274
Delta R.T. 0.02 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

Tgt Ion: 43 Resp: 936
Ion Ratio Lower Upper
43 100
58 28.1 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 4.292 ug/l

RT: 9.16 min Scan# 1357

Delta R.T. -0.05 min

Lab File: VX012505.D

Acq: 19 Sep 2019 04:14

Instrument :

MSVOA_X

ClientSampleId :

S13-0282DL

Tot Ion: 97 Resp: 8481

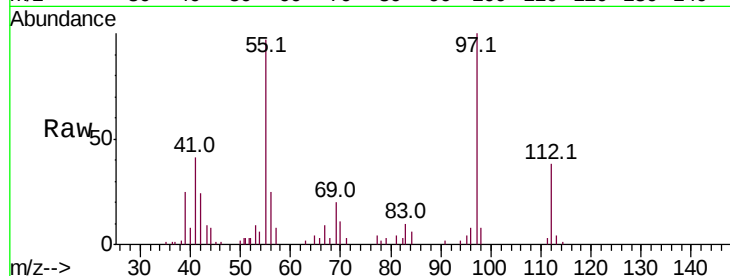
Ion Ratio Lower Upper

97 100

83 9.6 67.4 101.2#

85 0.0 43.5 65.3#

99 0.0 51.8 77.8#

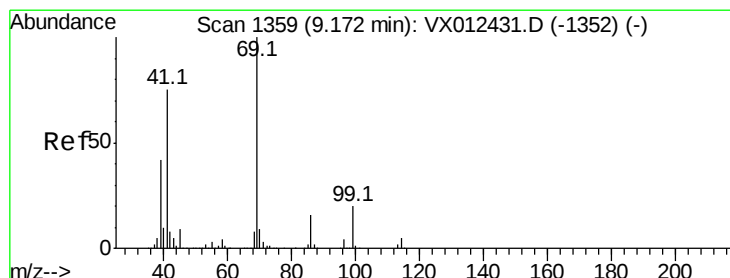
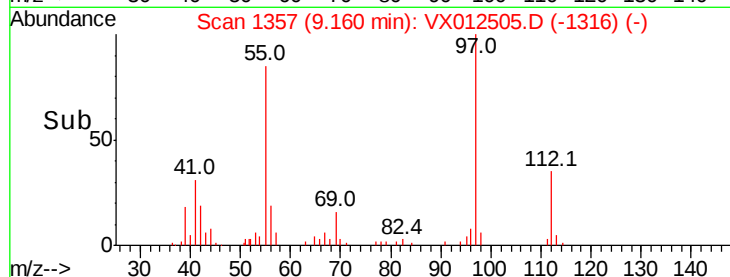
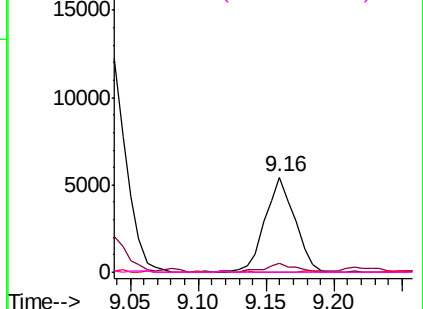


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 0.765 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX012505.D

Acq: 19 Sep 2019 04:14

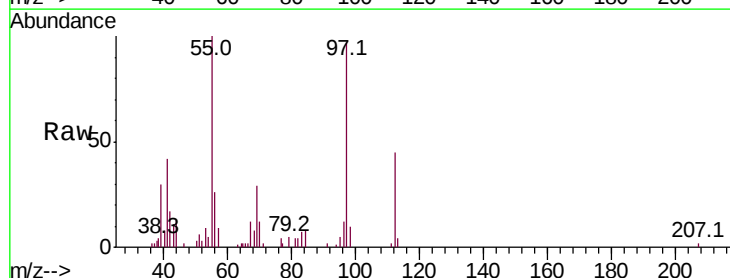
Tgt Ion: 69 Resp: 2363

Ion Ratio Lower Upper

69 100

41 136.1 58.4 87.6#

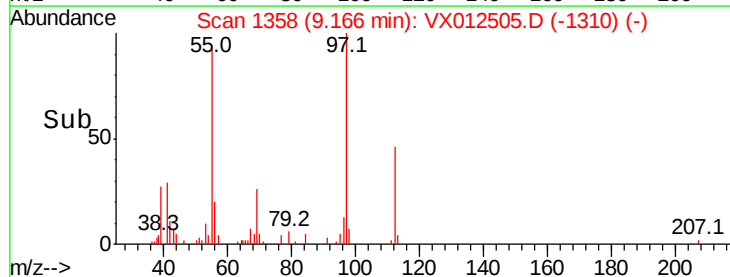
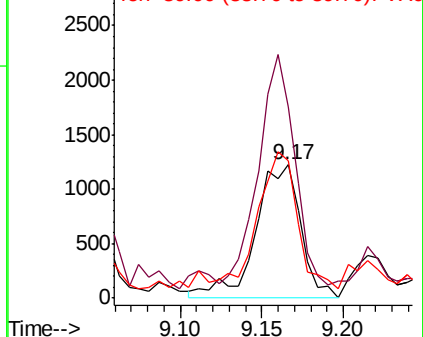
39 87.5 33.4 50.0#

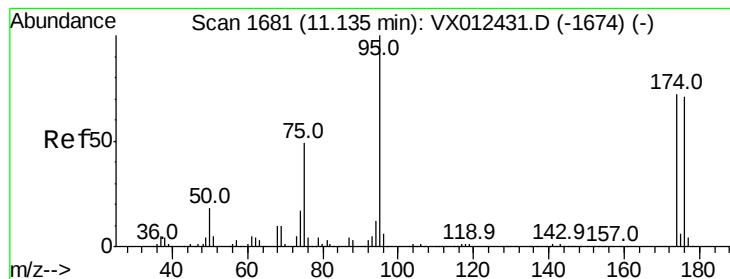


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.202 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012505.D

Acq: 19 Sep 2019 04:14

Instrument :

MSVOA_X

ClientSampleID :

S13-0282DL

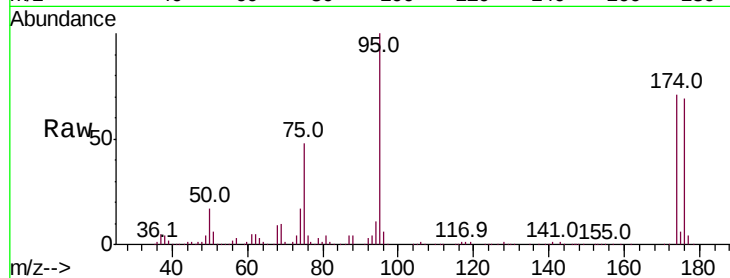
Tot Ion: 95 Resp: 126628

Ion Ratio Lower Upper

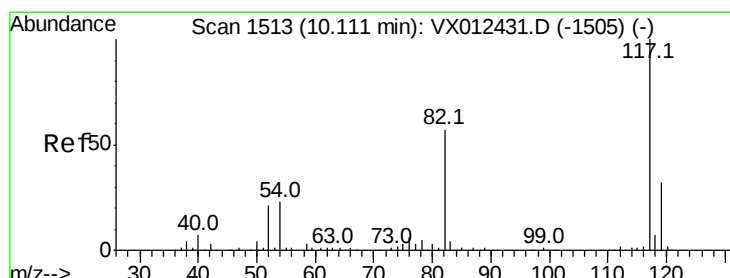
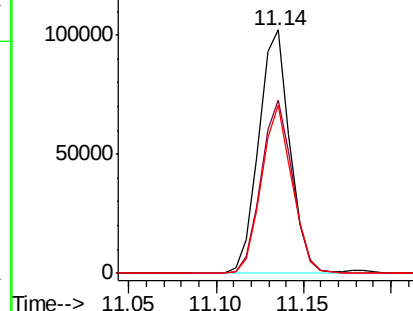
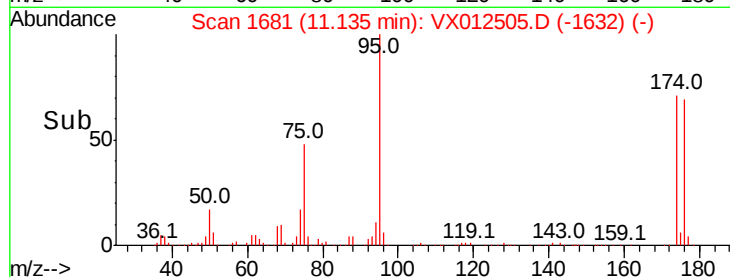
95 100

174 72.0 0.0 140.0

176 68.6 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012505.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012505.D

Acq: 19 Sep 2019 04:14

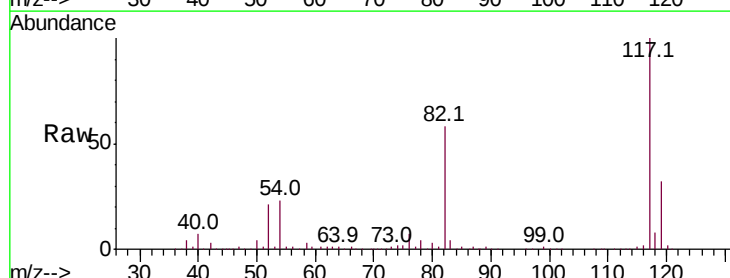
Tgt Ion: 117 Resp: 258295

Ion Ratio Lower Upper

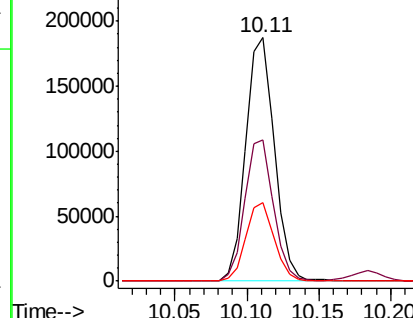
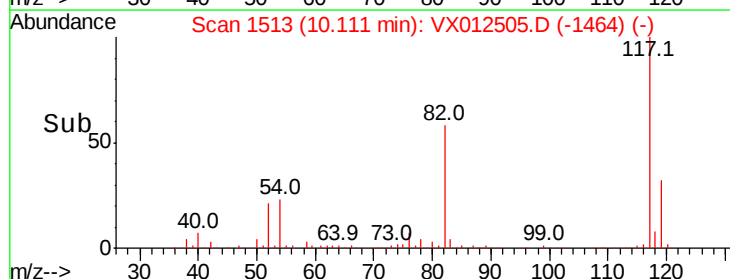
117 100

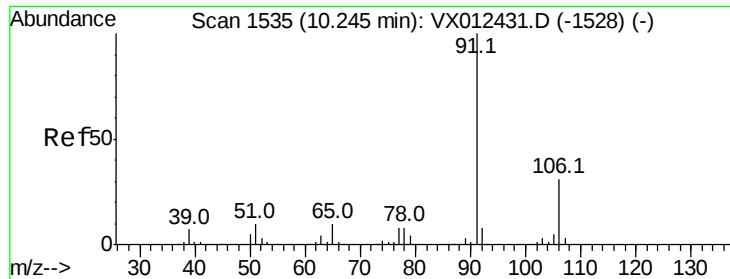
82 58.2 45.9 68.9

119 32.3 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): VX012505.D (-1464) (-)

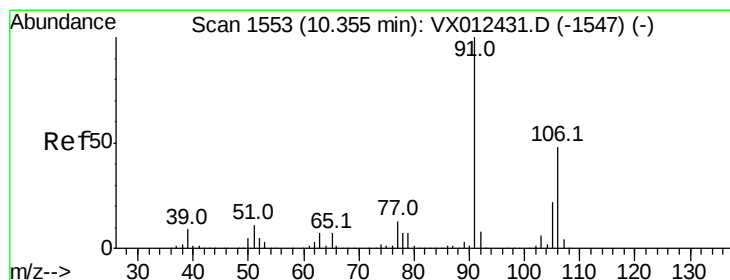
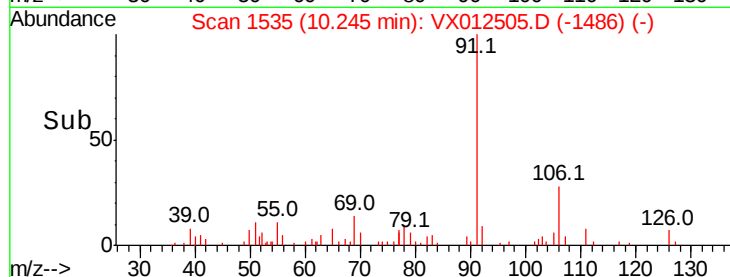
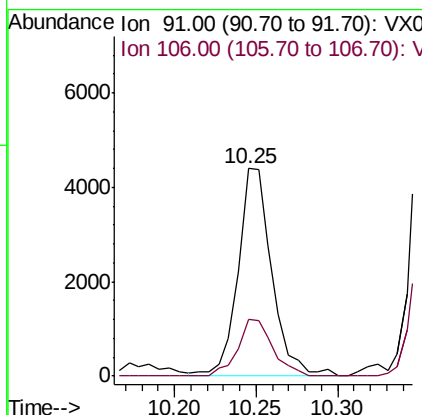
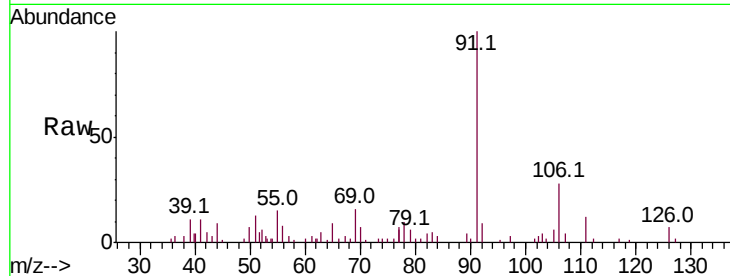




#67
Ethyl Benzene
Concen: 0.868 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

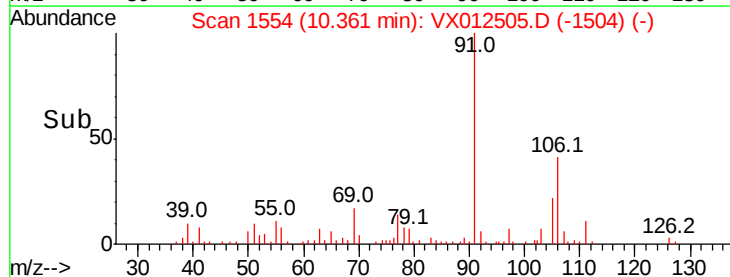
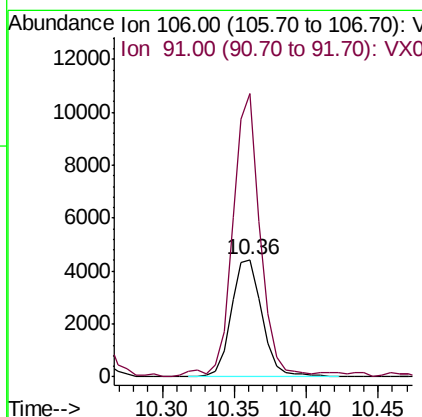
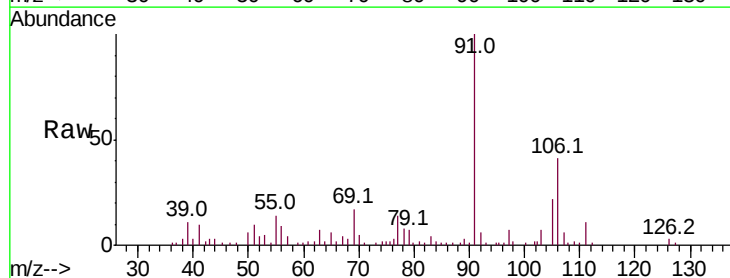
Instrument :
MSVOA_X
ClientSampled :
S13-0282DL

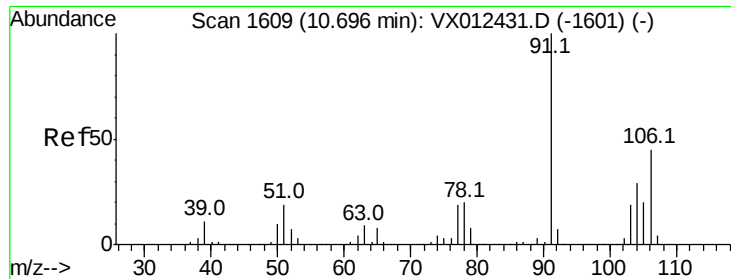
Tot Ion: 91 Resp: 6358
Ion Ratio Lower Upper
91 100
106 27.7 24.6 37.0



#68
m/p-Xylenes
Concen: 2.495 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

Tgt Ion: 106 Resp: 6649
Ion Ratio Lower Upper
106 100
91 214.8 166.6 250.0

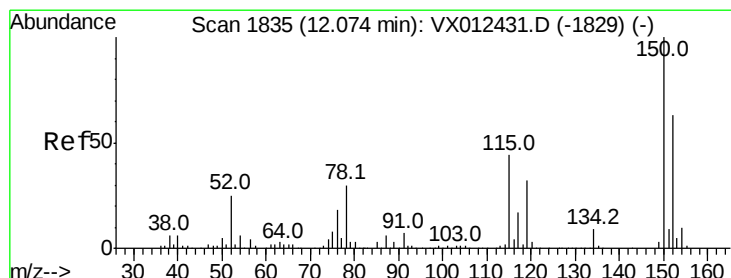
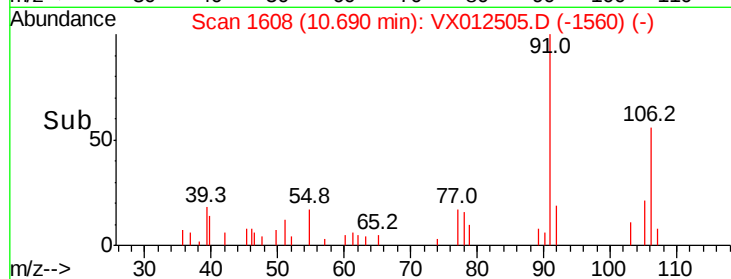
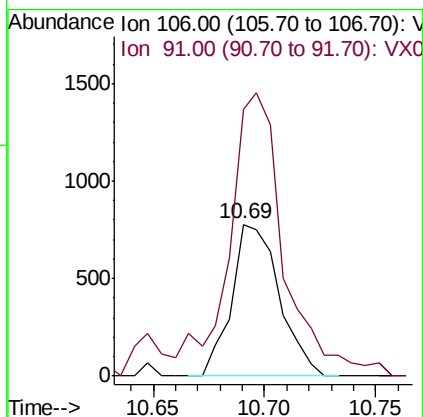
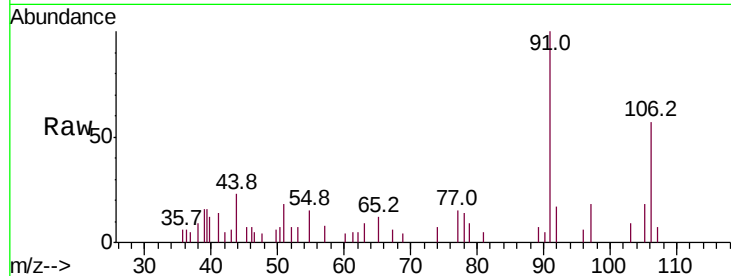




#69
o-Xylene
Concen: 0.424 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

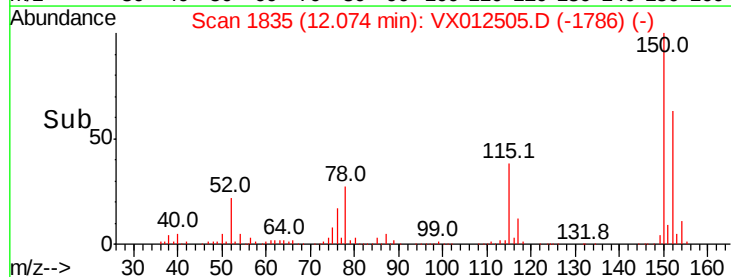
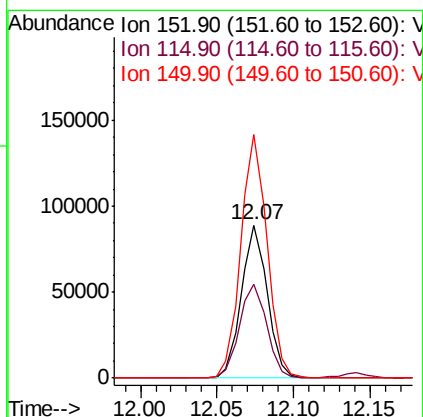
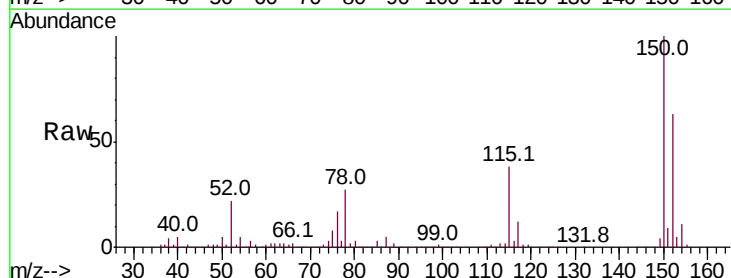
Instrument :
MSVOA_X
ClientSampleID :
S13-0282DL

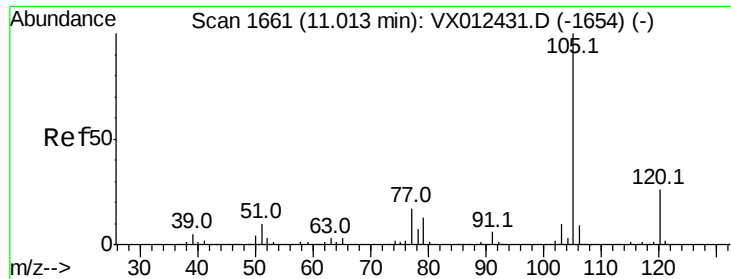
Tot Ion:106 Resp: 1162
Ion Ratio Lower Upper
106 100
91 215.8 109.4 328.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

Tgt Ion:152 Resp: 104529
Ion Ratio Lower Upper
152 100
115 64.1 44.1 132.3
150 161.1 0.0 343.8

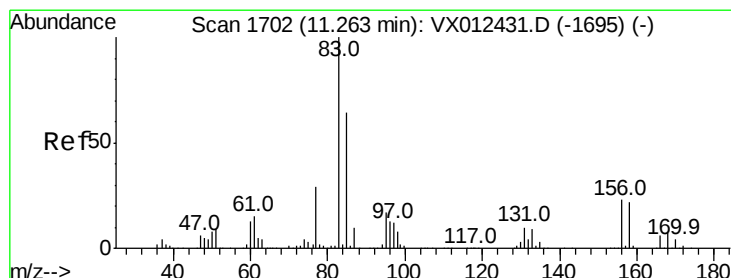
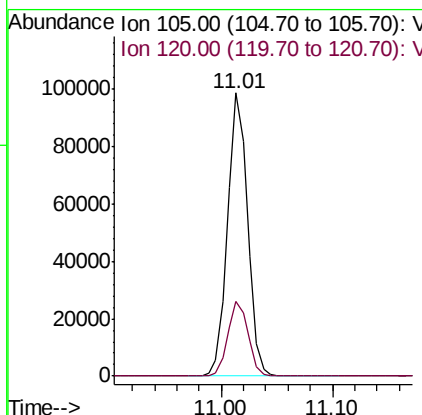
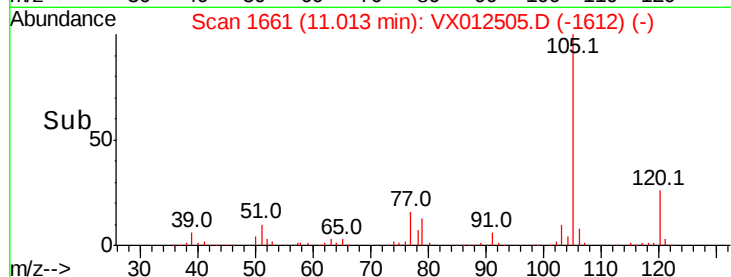
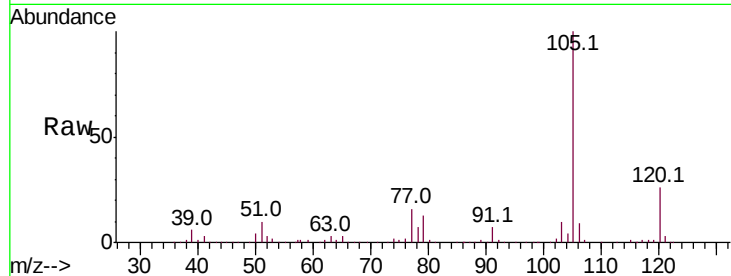




#73
Isopropylbenzene
Concen: 18.731 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

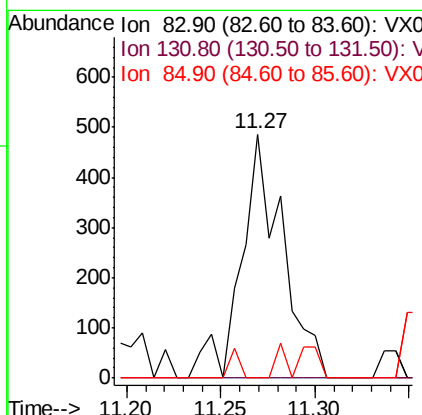
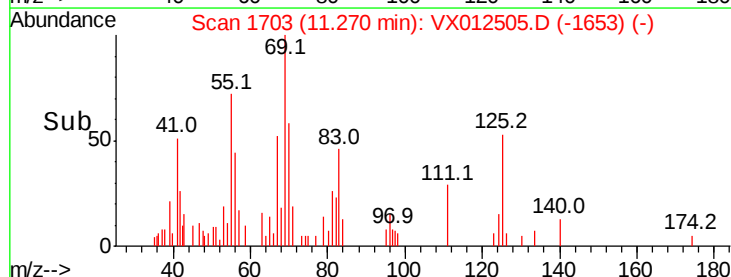
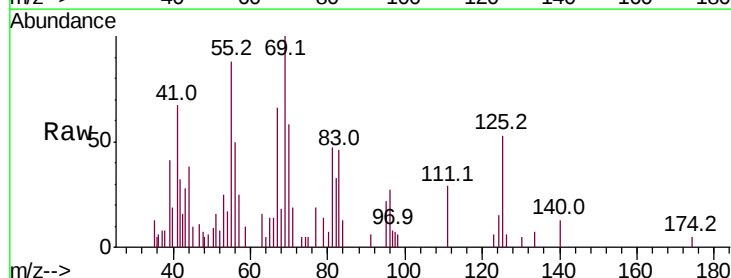
Instrument :
MSVOA_X
ClientSampled :
S13-0282DL

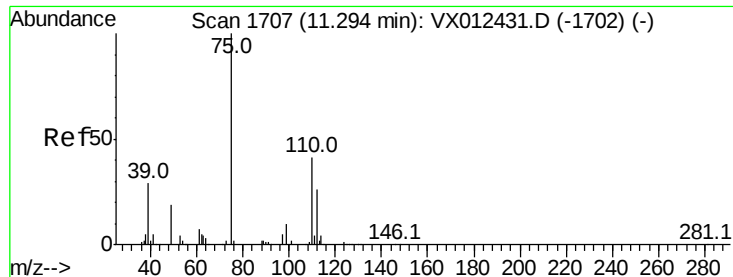
Tot Ion:105 Resp: 122846
Ion Ratio Lower Upper
105 100
120 26.6 12.9 38.7



#75
1,1,2,2-Tetrachloroethane
Concen: 0.288 ug/l
RT: 11.27 min Scan# 1703
Delta R.T. 0.01 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

Tgt Ion: 83 Resp: 742
Ion Ratio Lower Upper
83 100
131 0.0 5.2 15.6#
85 3.4 32.0 96.0#





#76

1,2,3-Trichloropropane

Concen: 27.057 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012505.D

Acq: 19 Sep 2019 04:14

Instrument :

MSVOA_X

ClientSampleId :

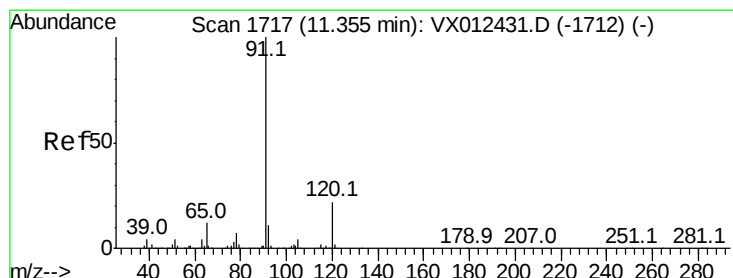
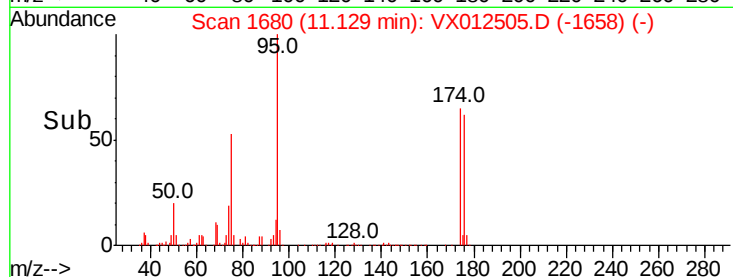
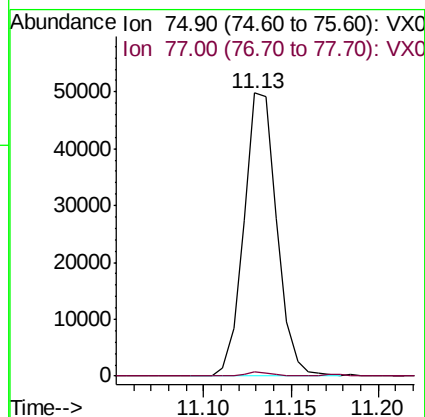
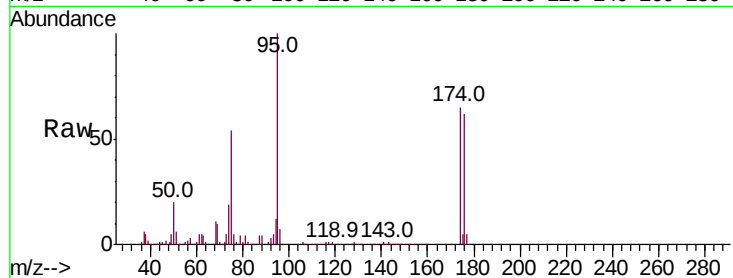
S13-0282DL

Tot Ion: 75 Resp: 64966

Ion Ratio Lower Upper

75 100

77 1.4 19.7 59.0#



#78

n-propylbenzene

Concen: 17.453 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012505.D

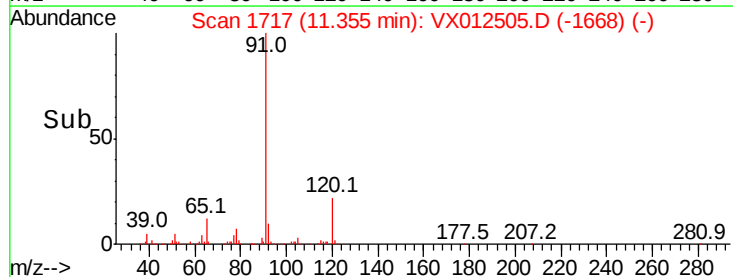
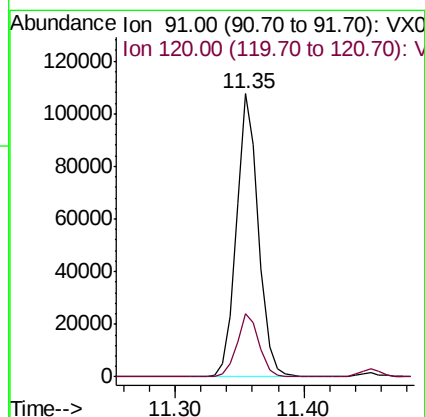
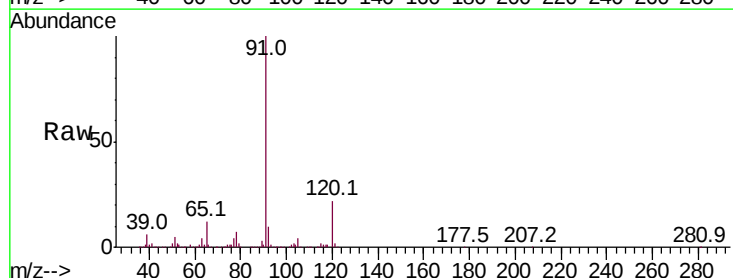
Acq: 19 Sep 2019 04:14

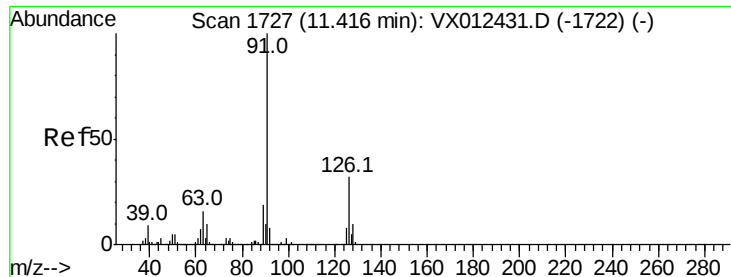
Tgt Ion: 91 Resp: 127575

Ion Ratio Lower Upper

91 100

120 22.6 11.3 33.8





#79

2-Chlorotoluene

Concen: 26.827 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.06 min

Lab File: VX012505.D

Acq: 19 Sep 2019 04:14

Instrument :

MSVOA_X

ClientSampleId :

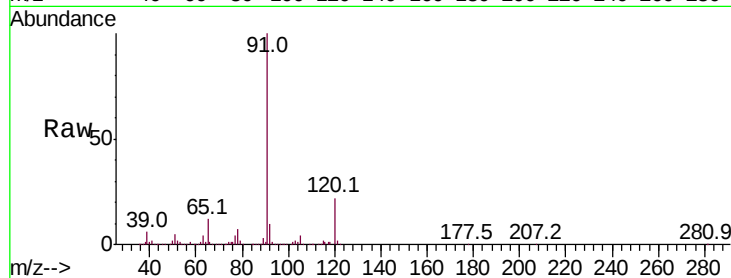
S13-0282DL

Tot Ion: 91 Resp: 127575

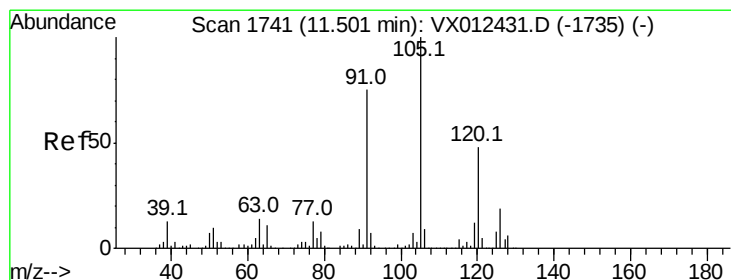
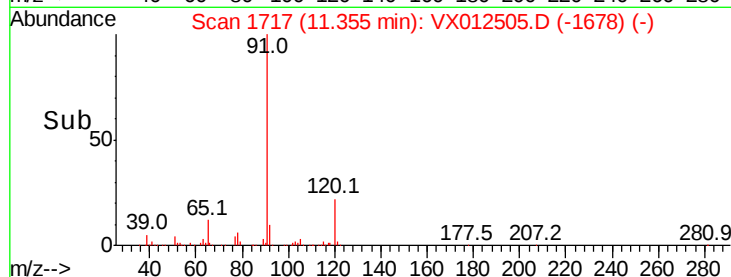
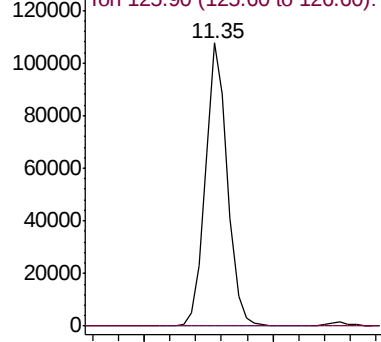
Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.4#



Abundance Ion 91.00 (90.70 to 91.70): VX012505.D (-1678) (-)



#80

1,3,5-Trimethylbenzene

Concen: 2.079 ug/l

RT: 11.45 min Scan# 1733

Delta R.T. -0.05 min

Lab File: VX012505.D

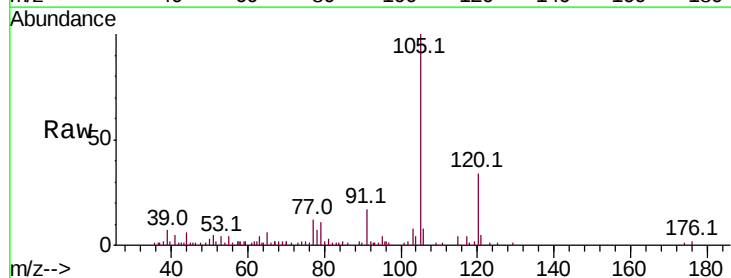
Acq: 19 Sep 2019 04:14

Tgt Ion:105 Resp: 11628

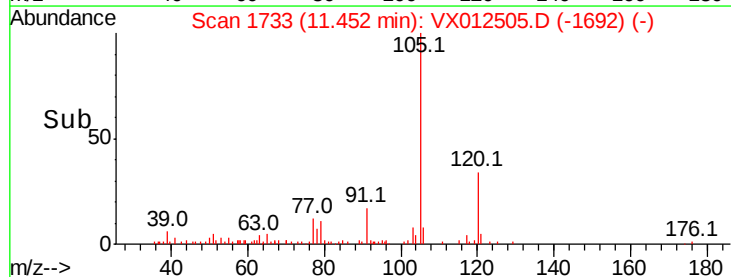
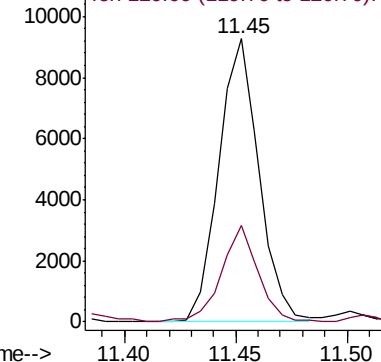
Ion Ratio Lower Upper

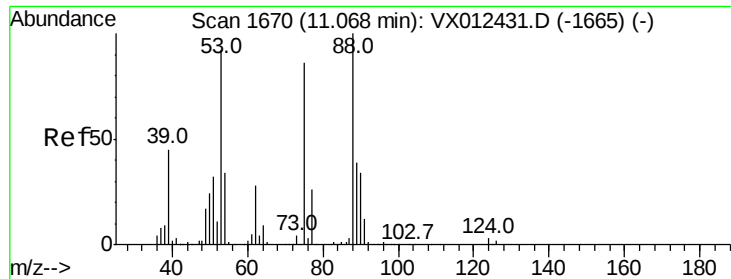
105 100

120 31.2 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX012505.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 72.777 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012505.D

Acq: 19 Sep 2019 04:14

Instrument :

MSVOA_X

ClientSampleID :

S13-0282DL

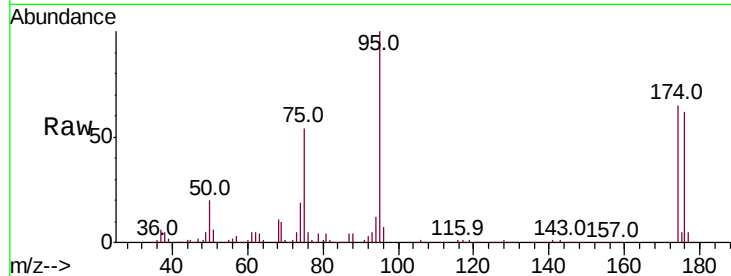
Tot Ion: 75 Resp: 64966

Ion Ratio Lower Upper

75 100

53 0.2 83.6 125.4#

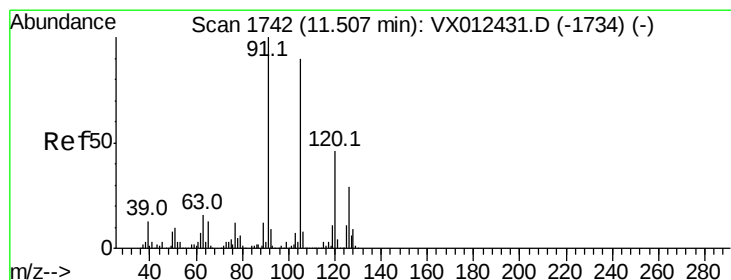
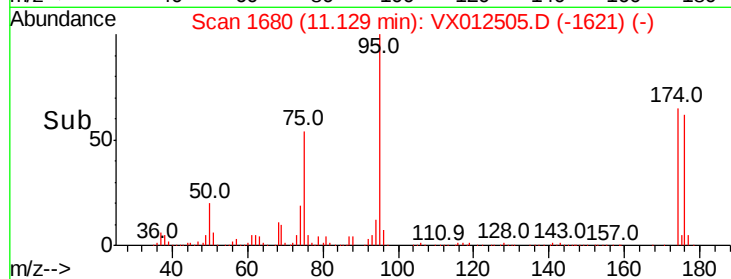
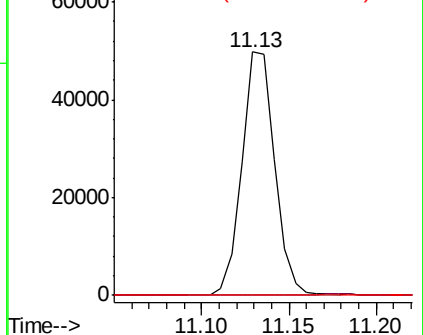
89 0.0 36.3 54.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 23.375 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.15 min

Lab File: VX012505.D

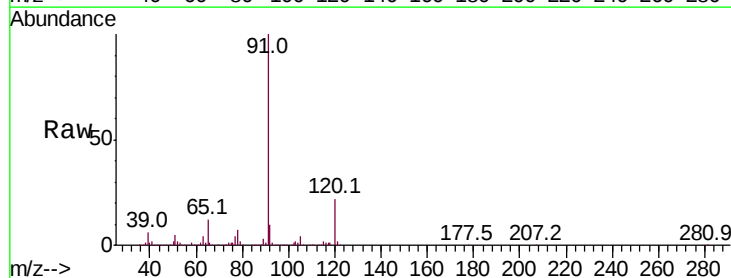
Acq: 19 Sep 2019 04:14

Tgt Ion: 91 Resp: 127575

Ion Ratio Lower Upper

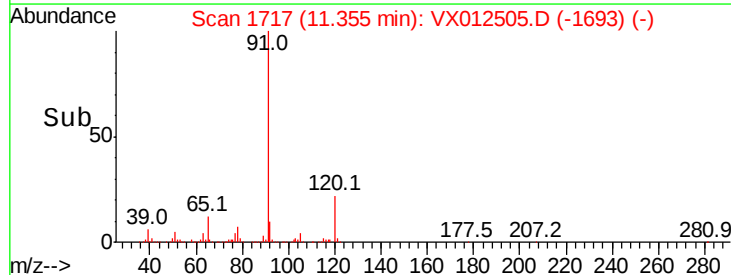
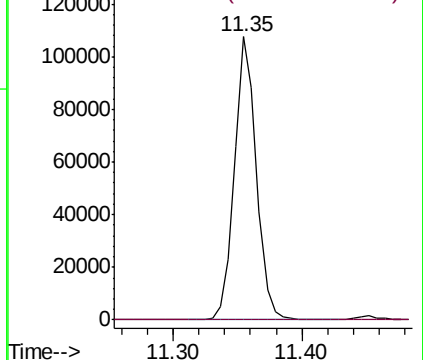
91 100

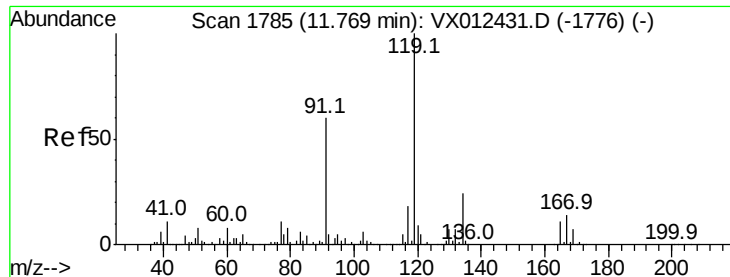
126 0.0 14.4 43.0#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

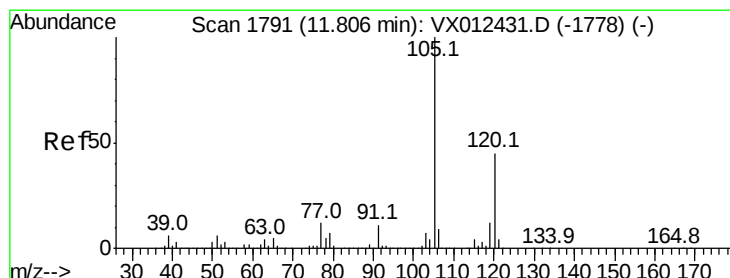
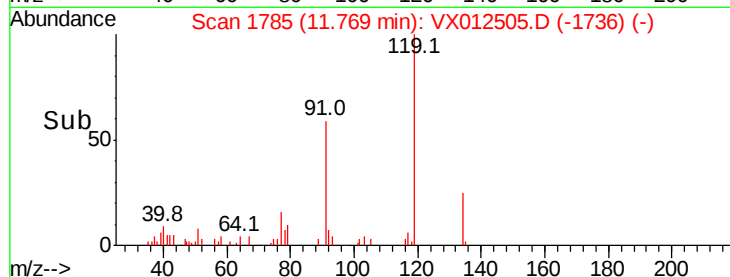
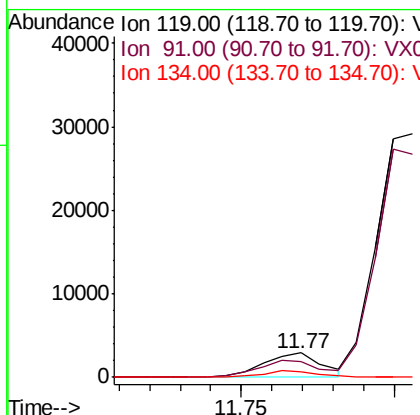
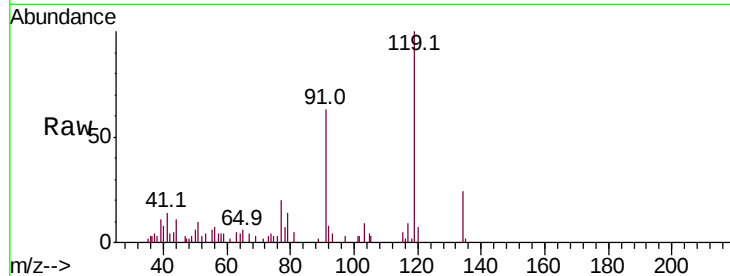




#83
tert-Butylbenzene
Concen: 0.637 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

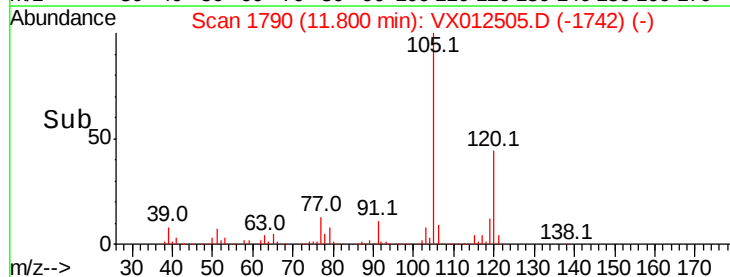
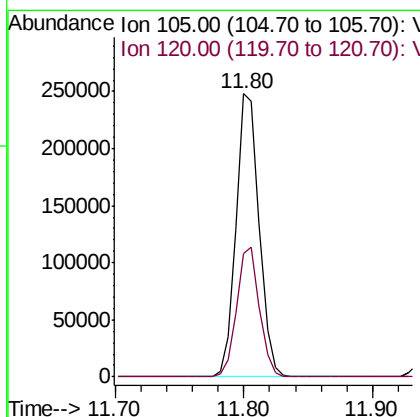
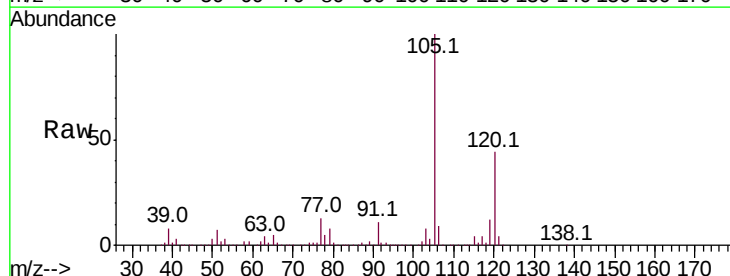
Instrument :
MSVOA_X
ClientSampleId :
S13-0282DL

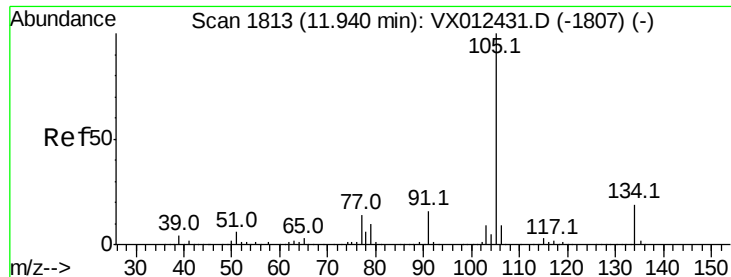
Tot Ion	Ratio	Lower	Upper
119	100		
91	71.0	30.0	90.0
134	26.8	11.3	33.9



#84
1,2,4-Trimethylbenzene
Concen: 53.848 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.2	66.6

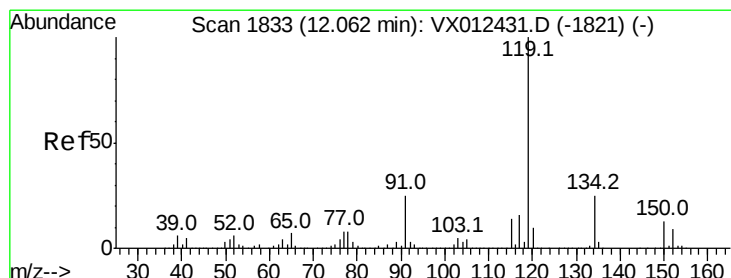
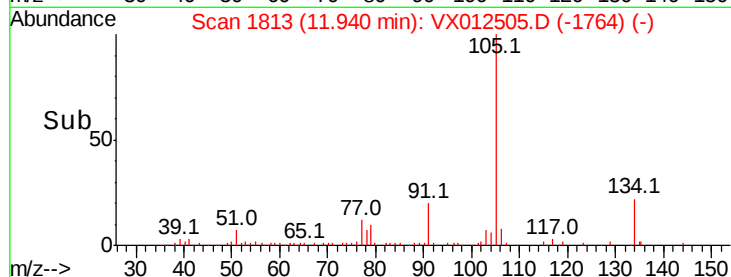
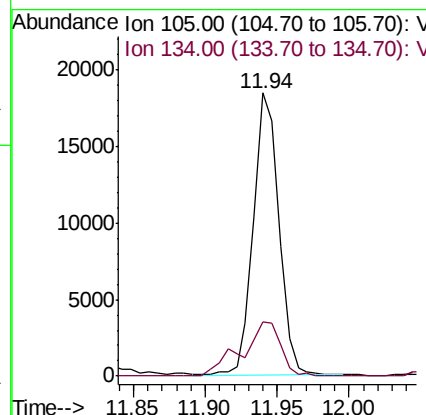
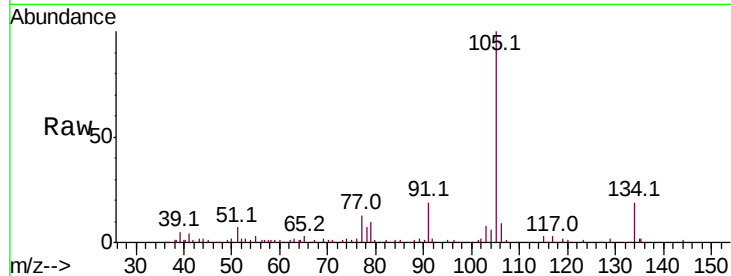




#85
 sec-Butylbenzene
 Concen: 3.401 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012505.D
 Acq: 19 Sep 2019 04:14

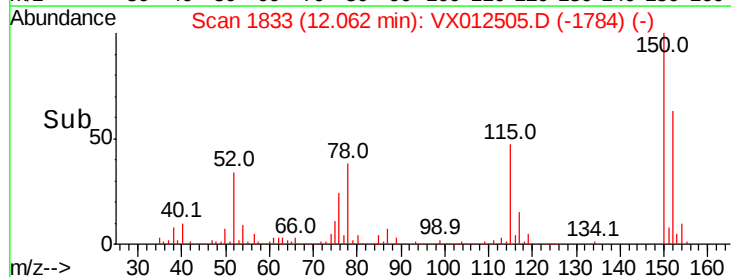
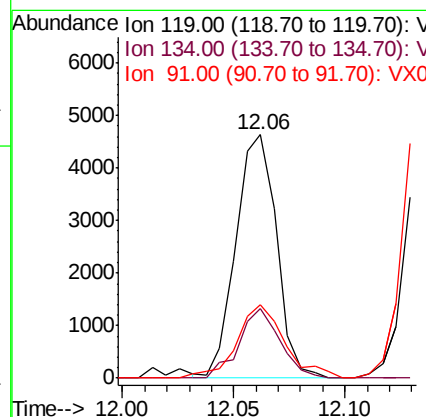
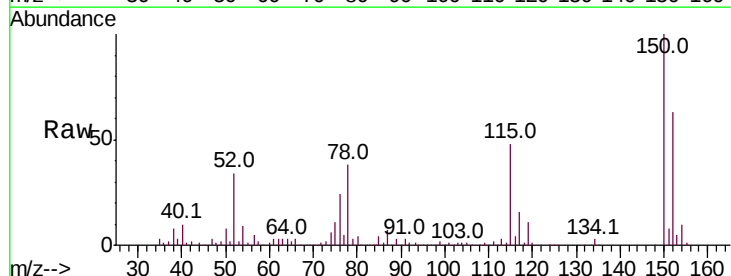
Instrument :
 MSVOA_X
 ClientSampleID :
 S13-0282DL

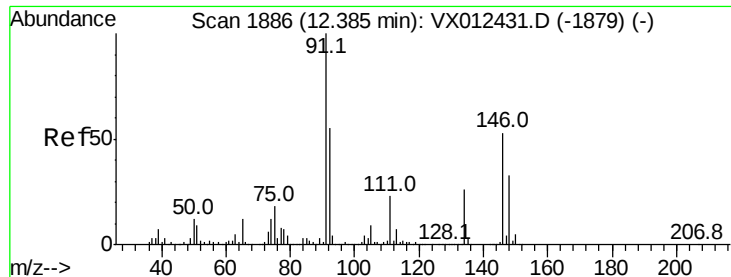
Tot Ion:105 Resp: 22462
 Ion Ratio Lower Upper
 105 100
 134 29.5 9.8 29.4#



#86
 p-Isopropyltoluene
 Concen: 0.974 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012505.D
 Acq: 19 Sep 2019 04:14

Tgt Ion:119 Resp: 5905
 Ion Ratio Lower Upper
 119 100
 134 28.7 12.7 38.1
 91 35.0 12.8 38.4

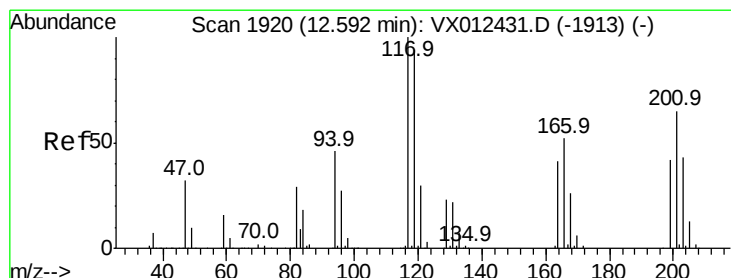
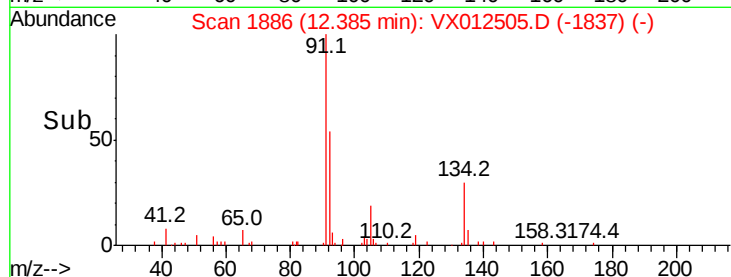
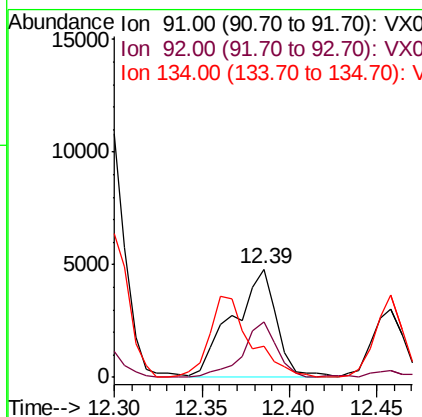
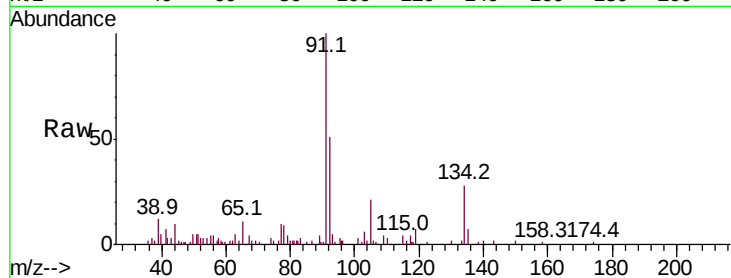




#89
n-Butylbenzene
Concen: 1.552 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

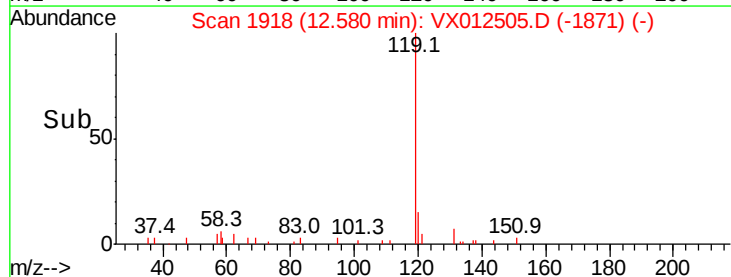
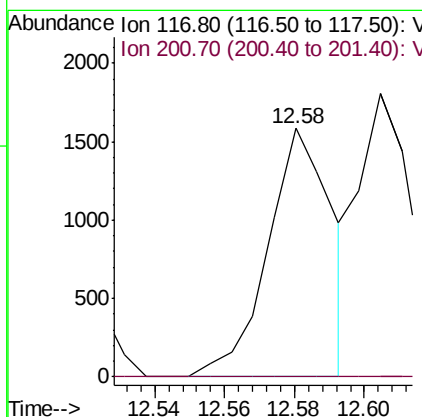
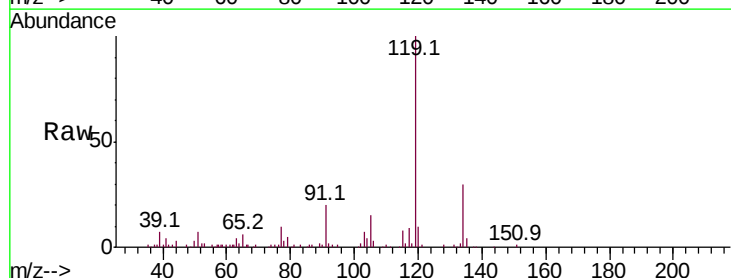
Instrument :
MSVOA_X
ClientSampled :
S13-0282DL

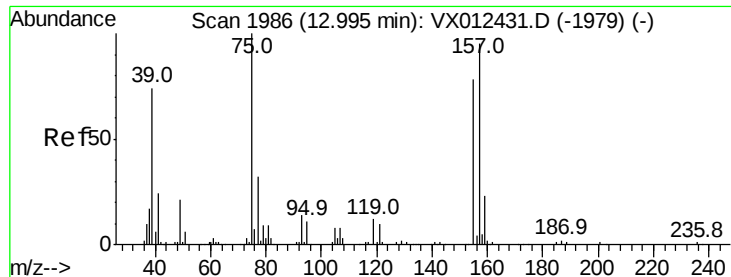
Tot Ion: 91 Resp: 8399
Ion Ratio Lower Upper
91 100
92 39.3 27.7 83.0
134 0.0 12.9 38.6#



#90
Hexachloroethane
Concen: 1.817 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VX012505.D
Acq: 19 Sep 2019 04:14

Tgt Ion: 117 Resp: 2020
Ion Ratio Lower Upper
117 100
201 0.0 33.3 99.8#





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.627 ug/l

RT: 13.01 min Scan# 1988

Delta R.T. 0.01 min

Lab File: VX012505.D

Acq: 19 Sep 2019 04:14

Instrument :

MSVOA_X

ClientSampleId :

S13-0282DL

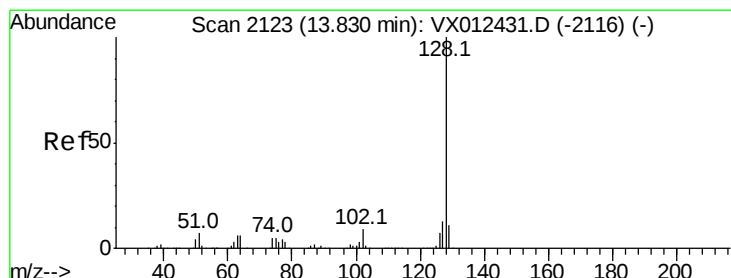
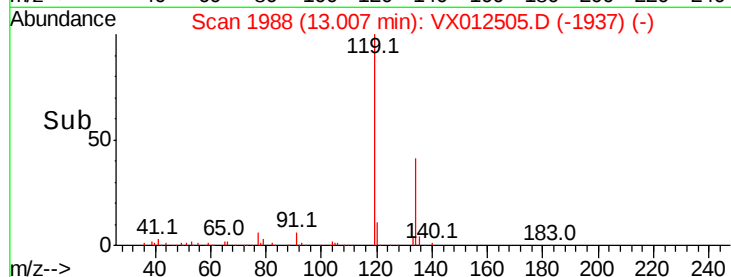
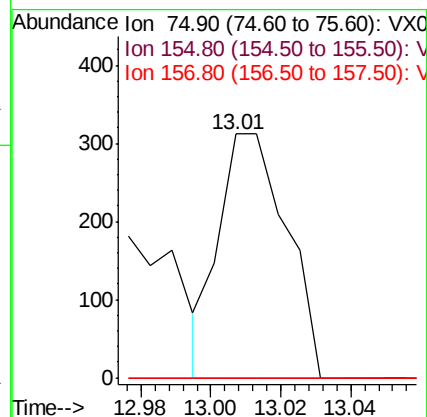
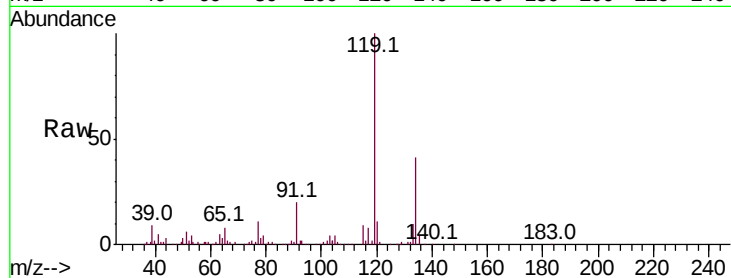
Tot Ion: 75 Resp: 418

Ion Ratio Lower Upper

75 100

155 0.0 38.6 115.8#

157 0.0 50.6 151.9#



#95

Naphthalene

Concen: 8.746 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012505.D

Acq: 19 Sep 2019 04:14

Tgt Ion: 128 Resp: 63039

Ion Ratio Lower Upper

128 100

127 14.1 10.2 15.4

129 13.0 8.8 13.2

