

Data File : VX012455.D
Acq On : 18 Sep 2019 00:34
Operator : JC/SP
Sample : K4858-15
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910

Quant Time: Sep 18 03:31:20 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	162039	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	261666	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	223265	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	93823	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	111946	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
35) Dibromofluoromethane	5.49	113	78417	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	8.71	98	303211	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
62) 4-Bromofluorobenzene	11.13	95	112909	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.19	85	813	1.137	ug/l	82
3) Chloromethane	1.32	50	546	0.613	ug/l #	75
4) Vinyl Chloride	1.39	62	232	0.241	ug/l #	85
5) Bromomethane	1.66	94	283	0.748	ug/l #	4
6) Chloroethane	1.67	64	289	0.384	ug/l #	87
7) Trichlorofluoromethane	1.92	101	399	0.226	ug/l	89
8) Diethyl Ether	2.14	74	289	0.363	ug/l	68
9) 1,1,2-Trichlorotrifluoroet	2.37	101	103049	80.693	ug/l	99
10) Methyl Iodide	2.52	142	19	4.458	ug/l #	35
11) Tert butyl alcohol	3.03	59	1068	Below Cal	#	40
12) 1,1-Dichloroethene	2.37	96	2060	2.022	ug/l	90
13) Acrolein	2.31	56	108	Below Cal	#	1
16) Acetone	2.43	43	4203	Below Cal		90
17) Carbon Disulfide	2.56	76	279	1.993	ug/l #	75
18) Methyl Acetate	2.73	43	566	0.234	ug/l #	54
20) Methylene Chloride	2.84	84	492	0.350	ug/l #	82
24) 1,1-Dichloroethane	3.68	63	1237	0.466	ug/l #	84
27) cis-1,2-Dichloroethene	4.59	96	5015	3.173	ug/l	84
29) Tetrahydrofuran	5.14	42	440	0.494	ug/l #	86
30) Chloroform	5.20	83	1711	0.561	ug/l	91
31) Cyclohexane	5.65	56	4225	2.634	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14054	8.837	ug/l #	53
38) Carbon Tetrachloride	5.78	117	1442	0.729	ug/l #	80
39) Methylcyclohexane	7.20	83	5530	3.577	ug/l #	1
41) Methacrylonitrile	5.04	41	391	0.249	ug/l #	25
42) 1,2-Dichloroethane	6.17	62	886	0.378	ug/l #	75
44) Trichloroethene	7.21	130	454684	341.799	ug/l	95
49) 1,4-Dioxane	7.75	88	736	14.642	ug/l #	78
55) 1,1,2-Trichloroethane	9.21	97	401	0.239	ug/l #	92
60) Dibromochloromethane	9.33	129	9808	5.736	ug/l #	11
64) Tetrachloroethene	9.33	164	9997	9.771	ug/l	89
76) 1,2,3-Trichloropropane	11.14	75	58735	27.253	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	58735	73.282	ug/l #	8

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091719\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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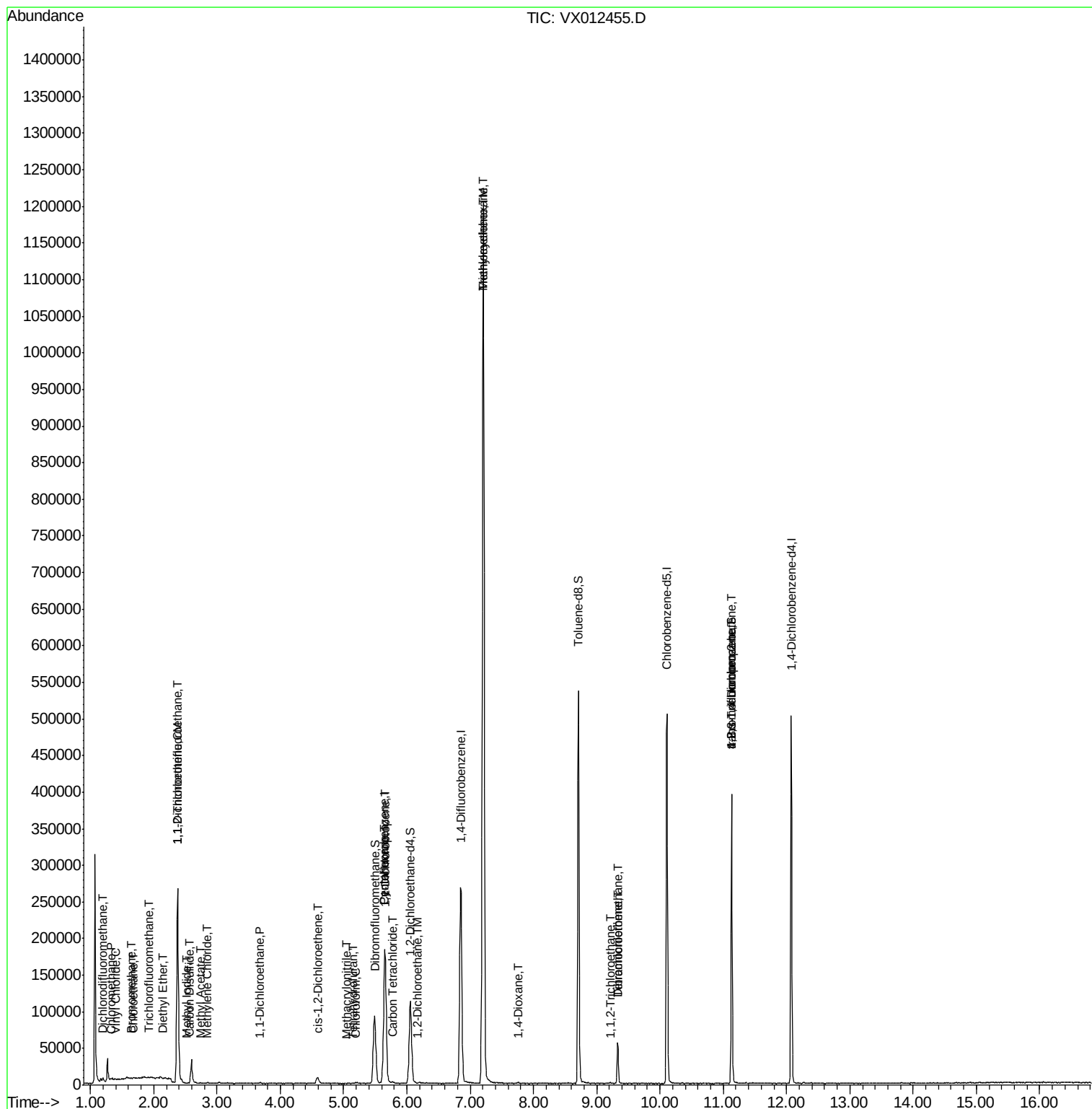
(#) = qualifier out of range (m) = manual integration (+) = signals summed

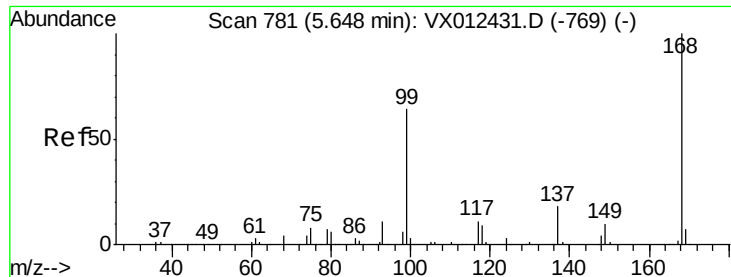
Data File : VX012455.D

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Operator     : JC/SP
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Quant Time: Sep 18 03:31:20 2019
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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: VX012455.D

Acq: 18 Sep 2019 00:34

Instrument :

MSVOA_X

ClientSampleId :

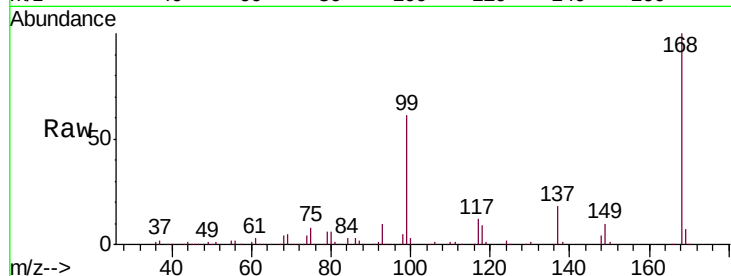
RE125D3-20190910

Tgt Ion:168 Resp: 162039

Ion Ratio Lower Upper

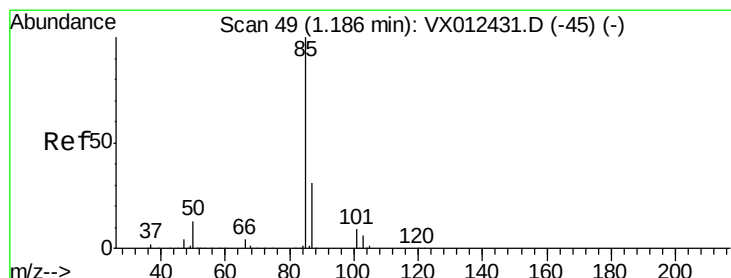
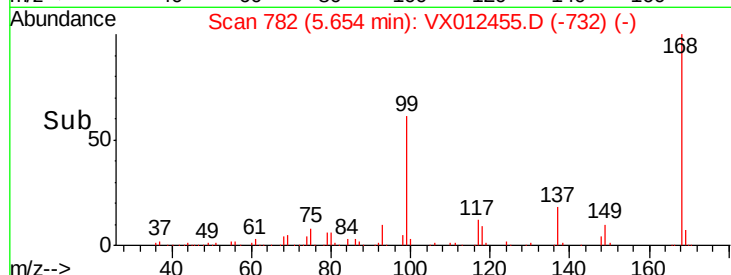
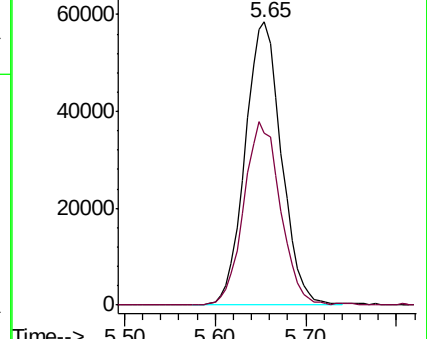
168 100

99 60.9 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: 1.137 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012455.D

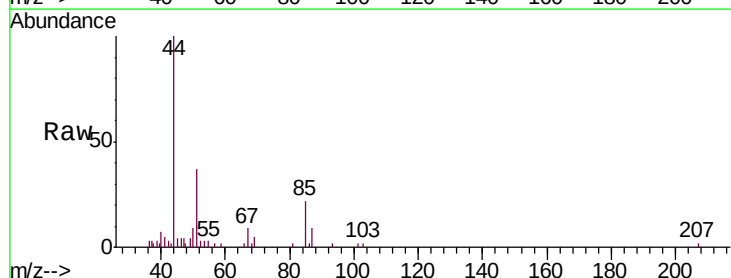
Acq: 18 Sep 2019 00:34

Tgt Ion: 85 Resp: 813

Ion Ratio Lower Upper

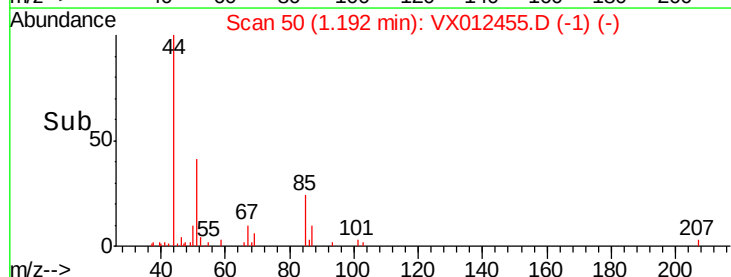
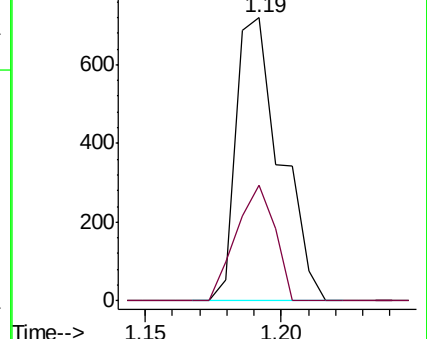
85 100

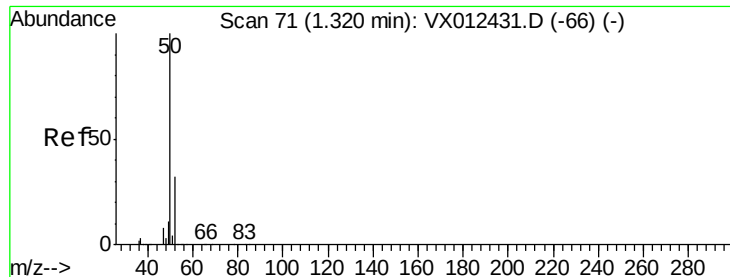
87 40.9 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.613 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012455.D

Acq: 18 Sep 2019 00:34

Instrument :

MSVOA_X

ClientSampleId :

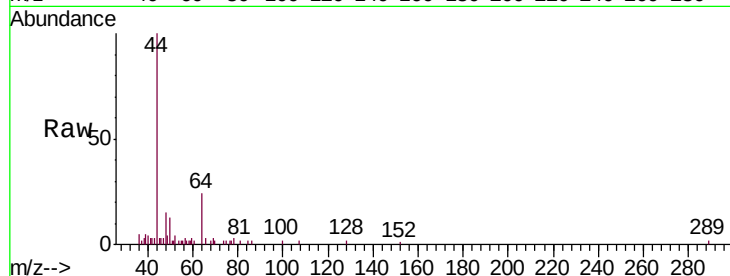
RE125D3-20190910

Tgt Ion: 50 Resp: 546

Ion Ratio Lower Upper

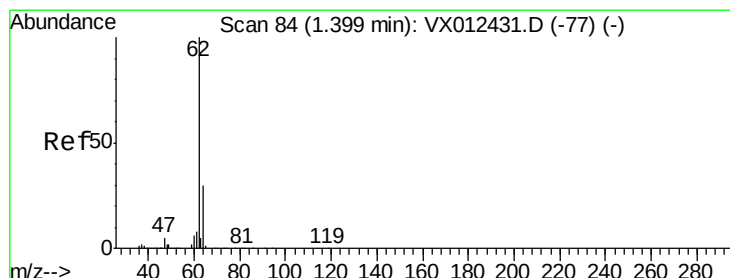
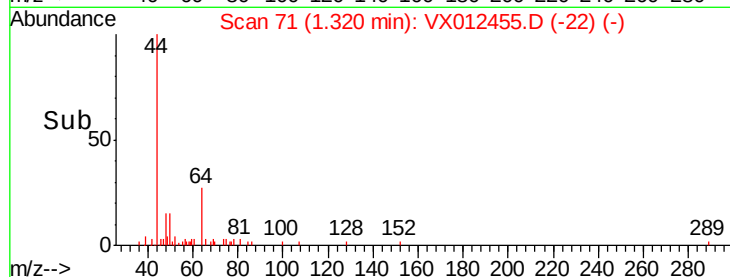
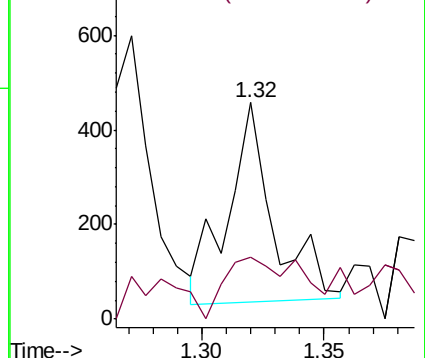
50 100

52 18.3 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 0.241 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.01 min

Lab File: VX012455.D

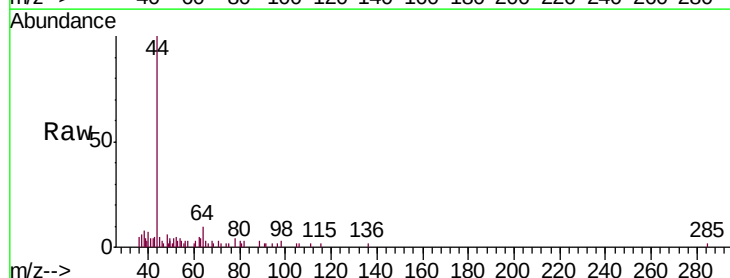
Acq: 18 Sep 2019 00:34

Tgt Ion: 62 Resp: 232

Ion Ratio Lower Upper

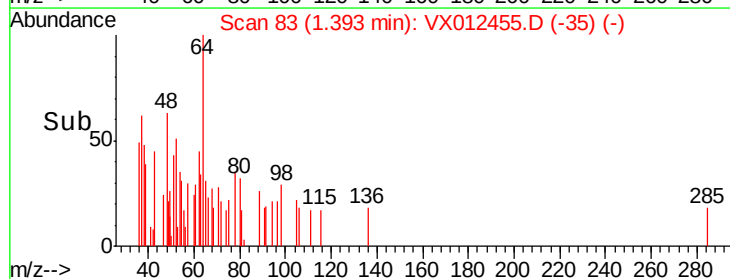
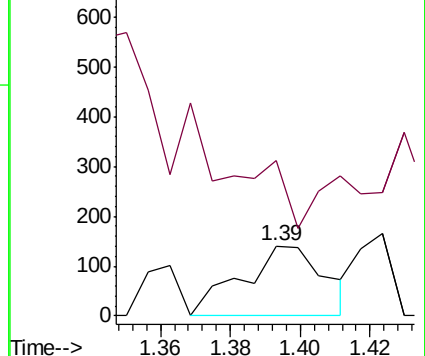
62 100

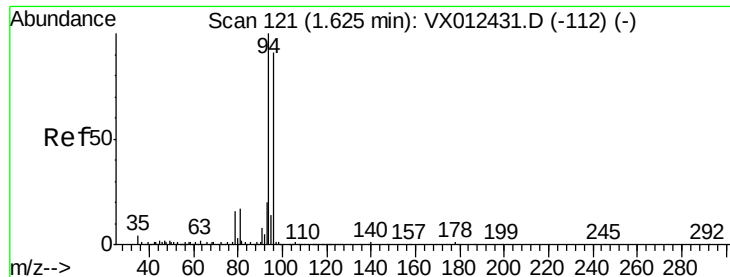
64 22.1 24.2 36.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 0.748 ug/l

RT: 1.66 min Scan# 126

Delta R.T. 0.03 min

Lab File: VX012455.D

Acq: 18 Sep 2019 00:34

Instrument :

MSVOA_X

ClientSampleId :

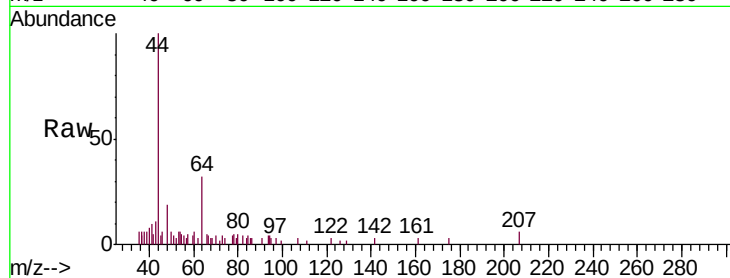
RE125D3-20190910

Tgt Ion: 94 Resp: 283

Ion Ratio Lower Upper

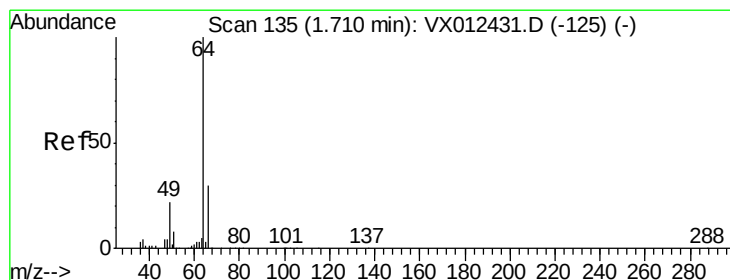
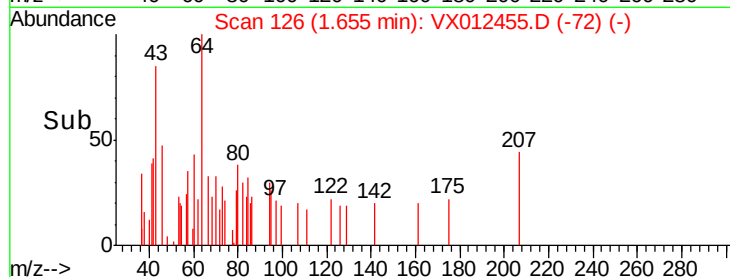
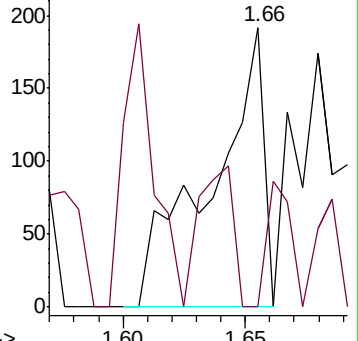
94 100

96 0.0 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 0.384 ug/l

RT: 1.67 min Scan# 129

Delta R.T. -0.04 min

Lab File: VX012455.D

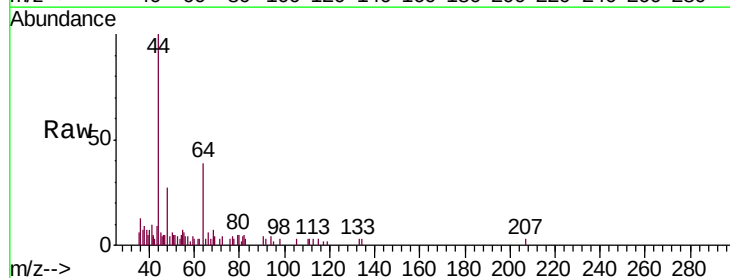
Acq: 18 Sep 2019 00:34

Tgt Ion: 64 Resp: 289

Ion Ratio Lower Upper

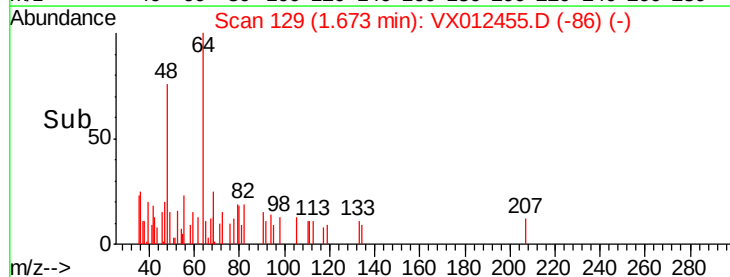
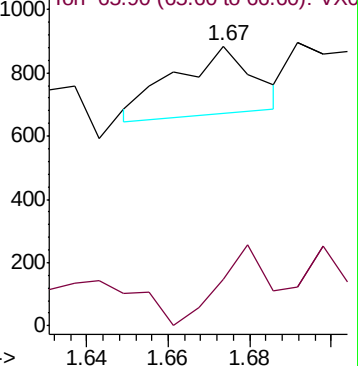
64 100

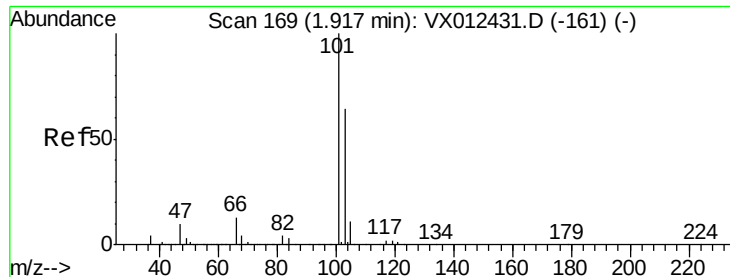
66 23.0 24.0 36.0#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



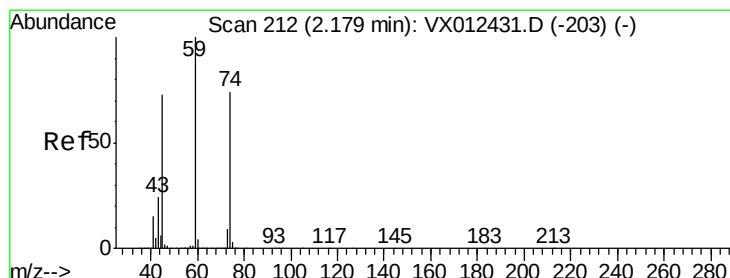
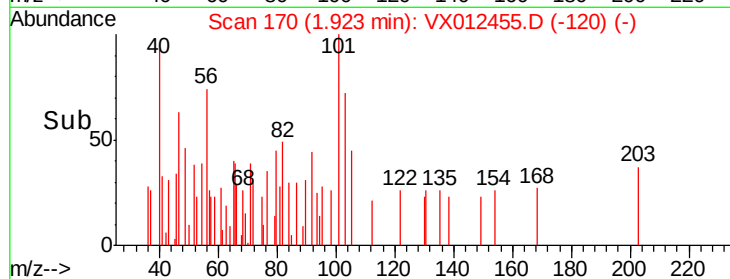
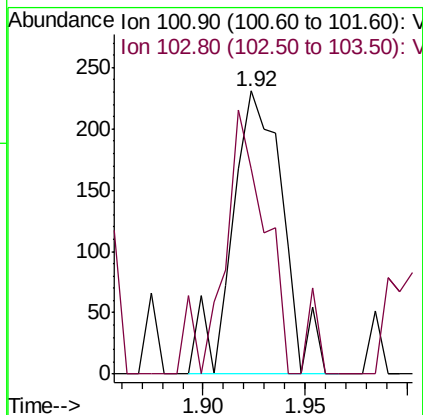
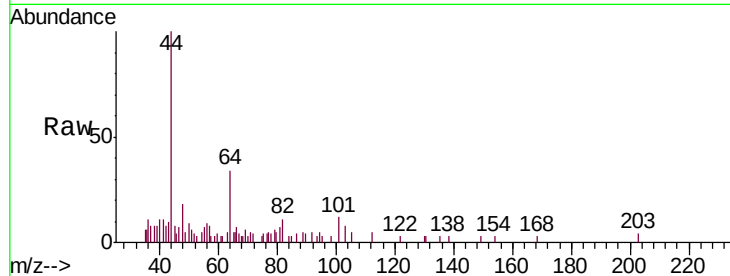


#7

Trichlorofluoromethane
Concen: 0.226 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012455.D
Acq: 18 Sep 2019 00:34

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910

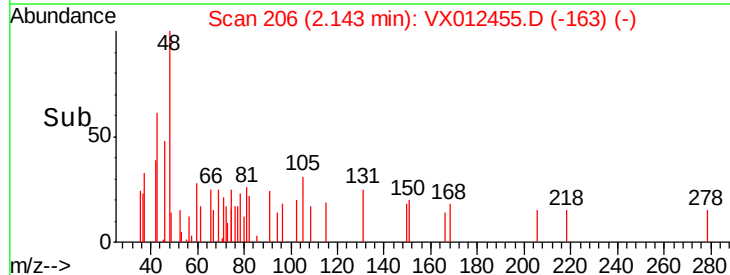
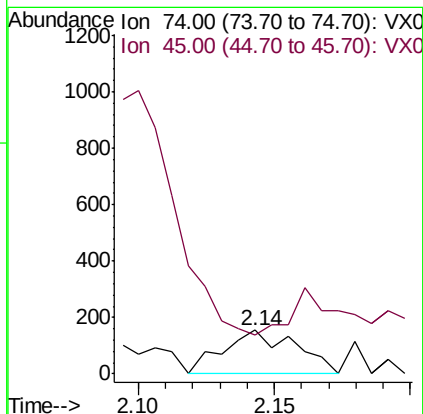
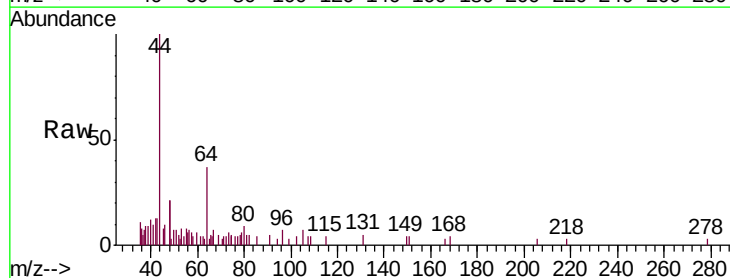
Tgt Ion: 101 Resp: 399
Ion Ratio Lower Upper
101 100
103 72.3 51.0 76.4

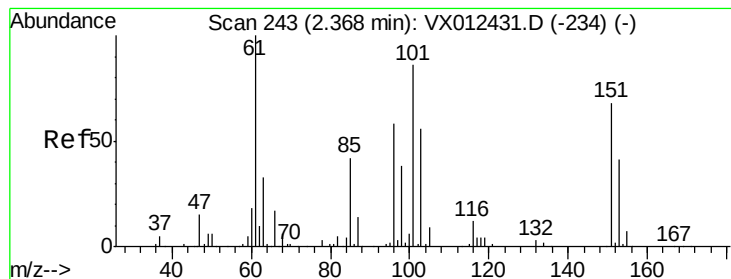


#8

Diethyl Ether
Concen: 0.363 ug/l
RT: 2.14 min Scan# 206
Delta R.T. -0.04 min
Lab File: VX012455.D
Acq: 18 Sep 2019 00:34

Tgt Ion: 74 Resp: 289
Ion Ratio Lower Upper
74 100
45 68.2 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 80.693 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012455.D

Acq: 18 Sep 2019 00:34

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20190910

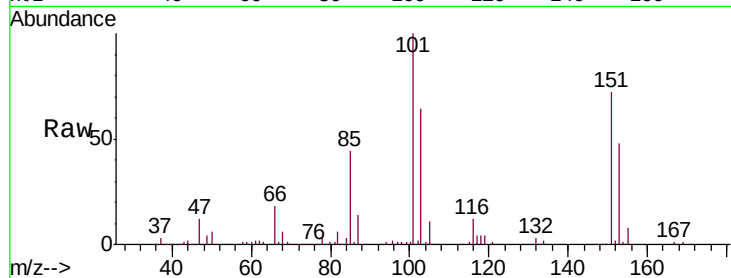
Tgt Ion:101 Resp: 103049

Ion Ratio Lower Upper

101 100

85 45.5 37.3 55.9

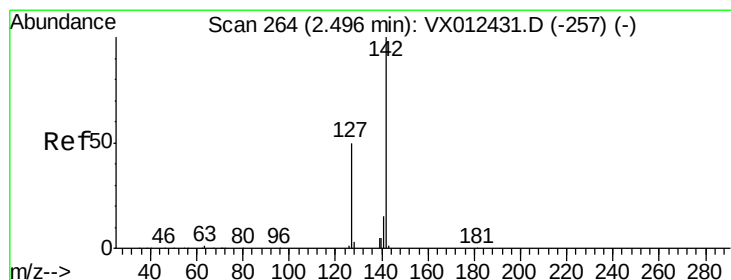
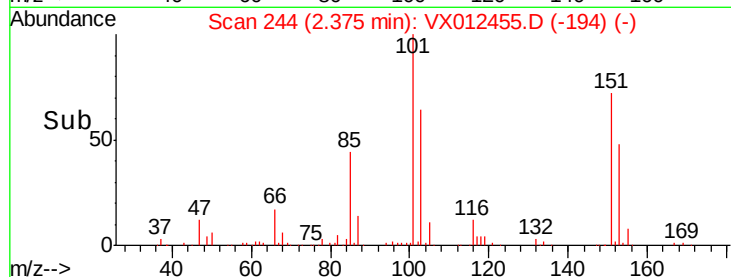
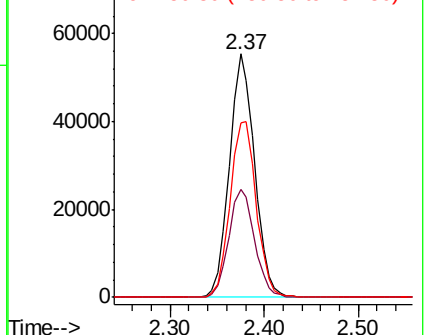
151 75.1 61.0 91.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.458 ug/l

RT: 2.52 min Scan# 268

Delta R.T. 0.02 min

Lab File: VX012455.D

Acq: 18 Sep 2019 00:34

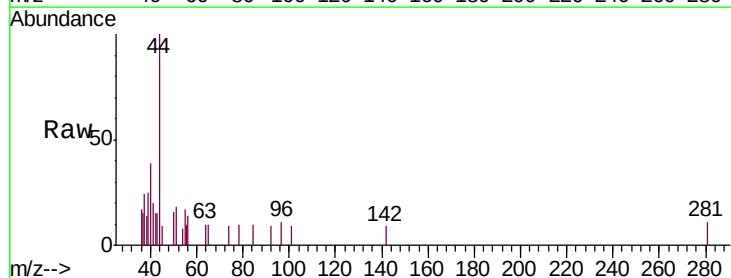
Tgt Ion:142 Resp: 19

Ion Ratio Lower Upper

142 100

127 0.0 40.8 61.2#

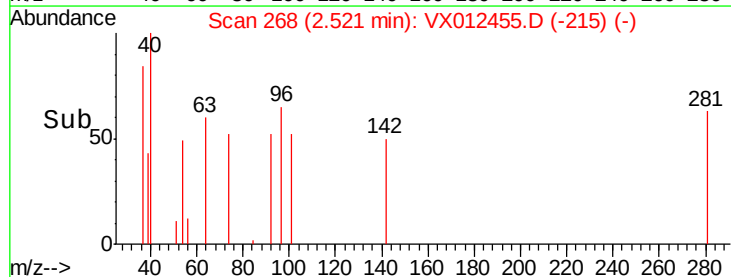
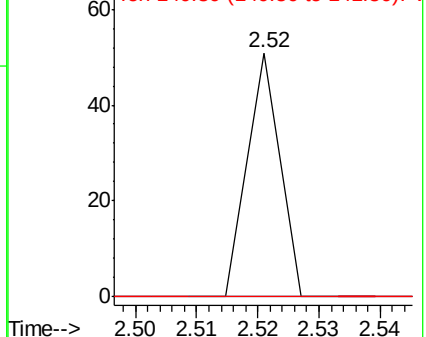
141 0.0 12.1 18.1#

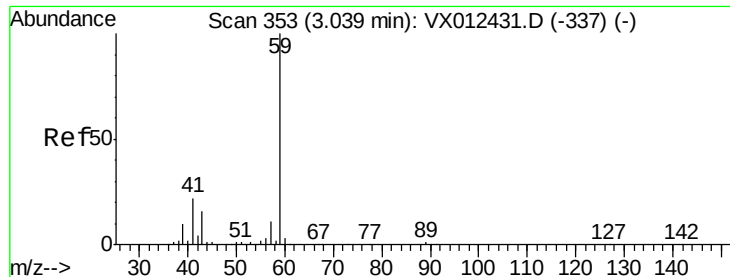


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

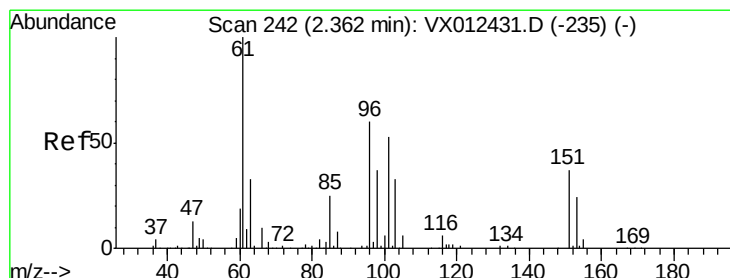
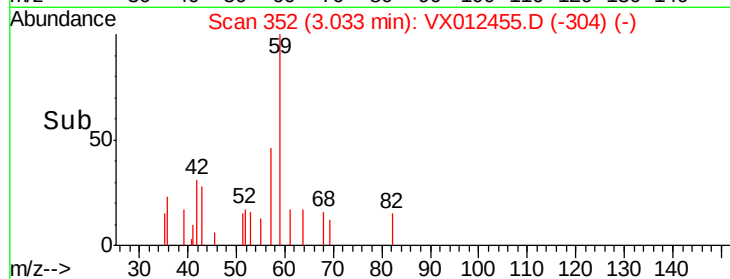
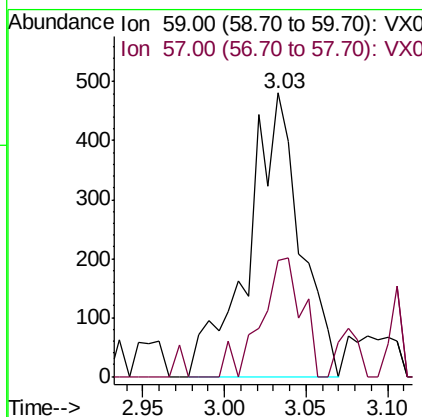
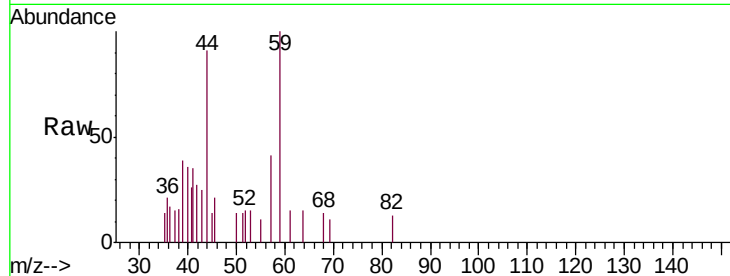




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012455.D
Acq: 18 Sep 2019 00:34

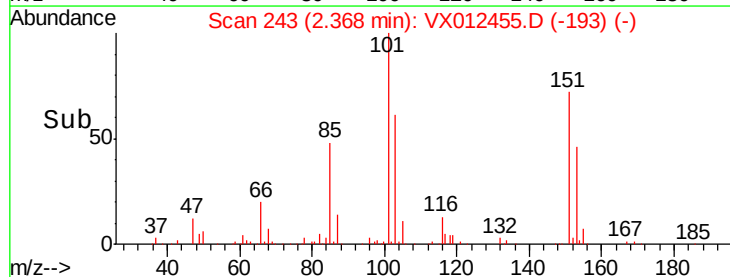
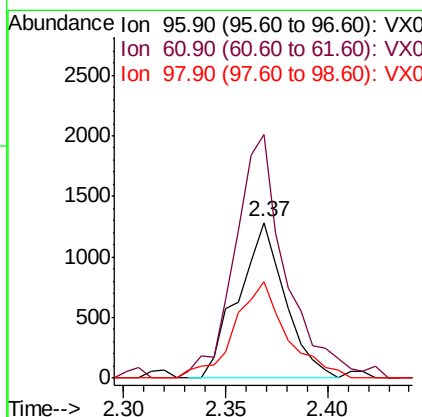
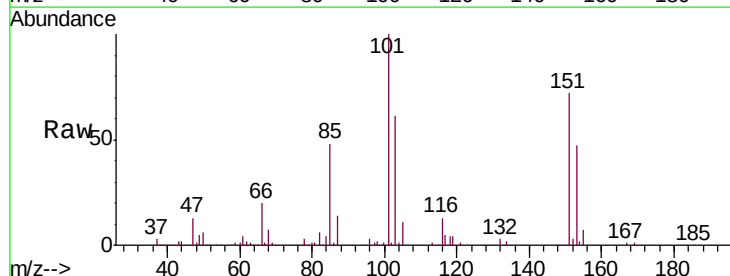
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910

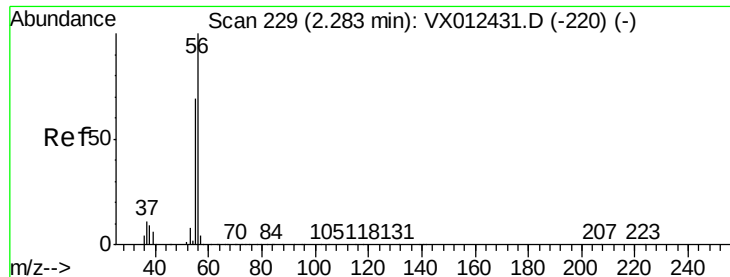
Tgt Ion: 59 Resp: 1068
Ion Ratio Lower Upper
59 100
57 32.7 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 2.022 ug/l
RT: 2.37 min Scan# 243
Delta R.T. 0.01 min
Lab File: VX012455.D
Acq: 18 Sep 2019 00:34

Tgt Ion: 96 Resp: 2060
Ion Ratio Lower Upper
96 100
61 152.0 133.8 200.6
98 56.9 49.9 74.9





#13

Acrolein

Concen: Below Cal

RT: 2.31 min Scan# 233

Delta R.T. 0.02 min

Lab File: VX012455.D

Acq: 18 Sep 2019 00:34

Instrument :

MSVOA_X

ClientSampleId :

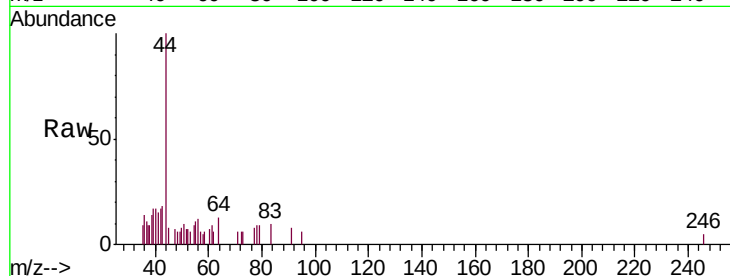
RE125D3-20190910

Tgt Ion: 56 Resp: 108

Ion Ratio Lower Upper

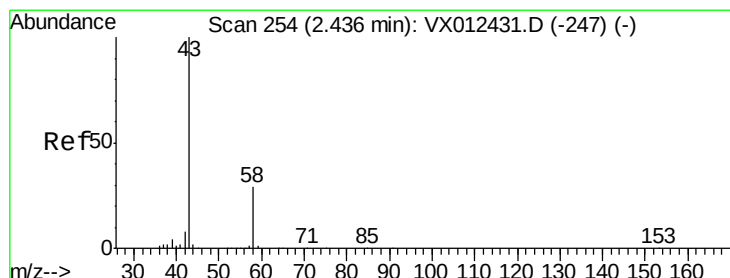
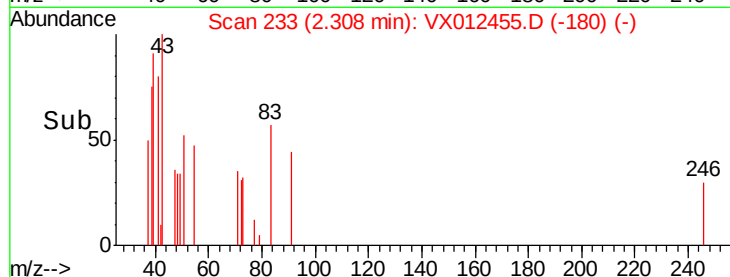
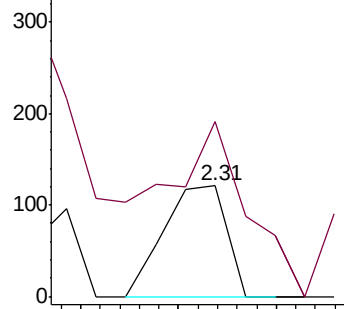
56 100

55 199.1 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: Below Cal

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012455.D

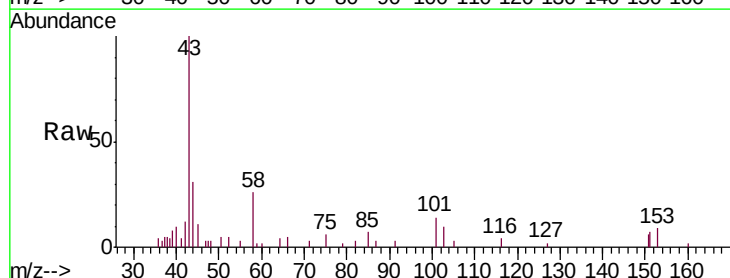
Acq: 18 Sep 2019 00:34

Tgt Ion: 43 Resp: 4203

Ion Ratio Lower Upper

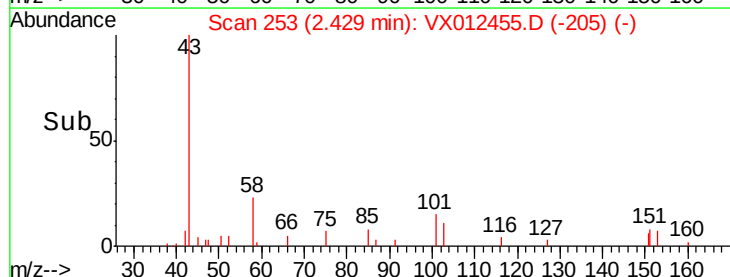
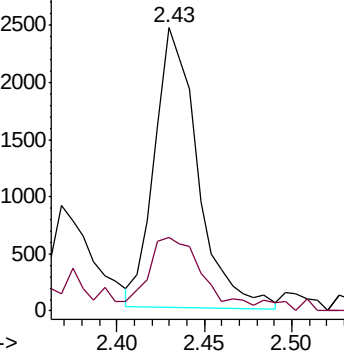
43 100

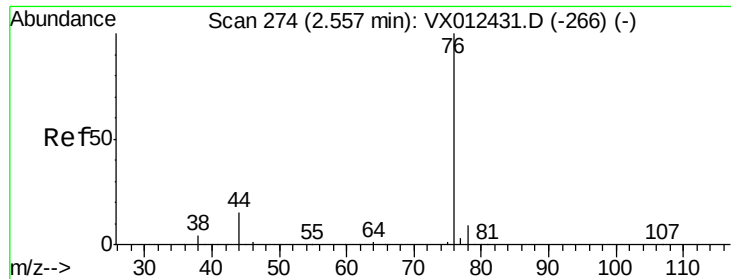
58 23.8 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 1.993 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012455.D

Acq: 18 Sep 2019 00:34

Instrument :

MSVOA_X

ClientSampleId :

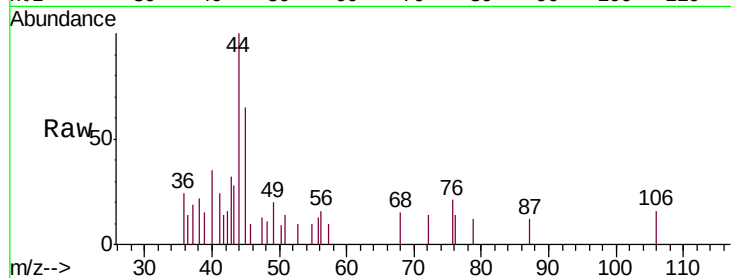
RE125D3-20190910

Tgt Ion: 76 Resp: 279

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

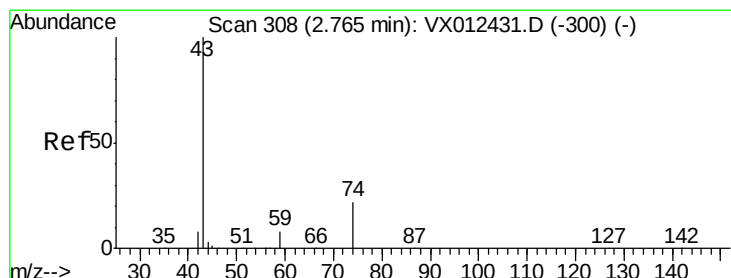
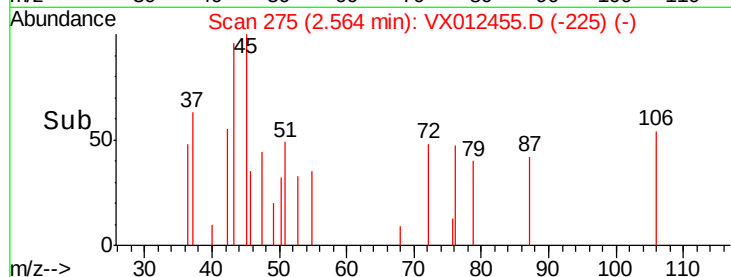
50

0

2.55

2.60

Time-->



#18

Methyl Acetate

Concen: 0.234 ug/l

RT: 2.73 min Scan# 302

Delta R.T. -0.04 min

Lab File: VX012455.D

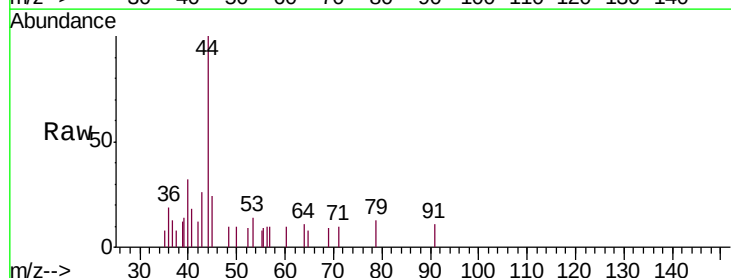
Acq: 18 Sep 2019 00:34

Tgt Ion: 43 Resp: 566

Ion Ratio Lower Upper

43 100

74 0.0 17.7 26.5#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

300

200

100

0

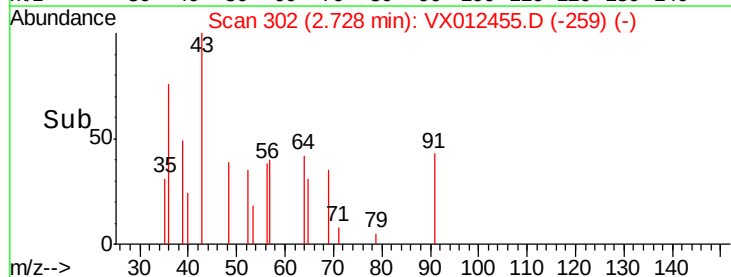
2.65

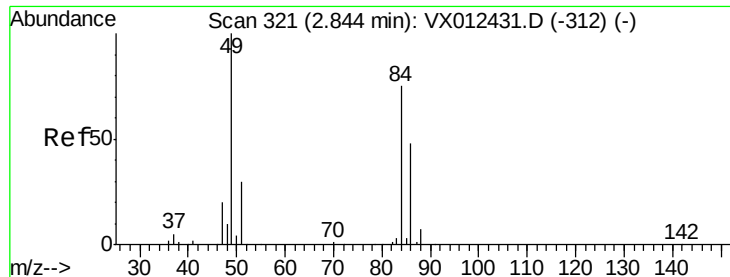
2.70

2.73

2.75

Time-->

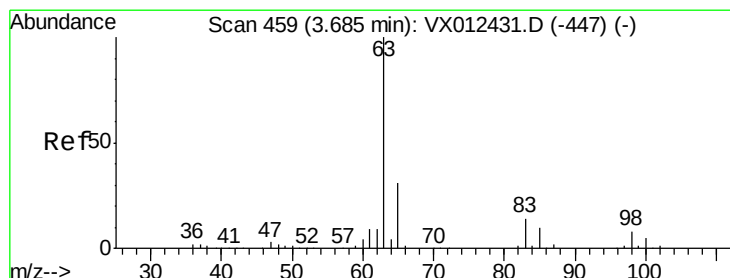
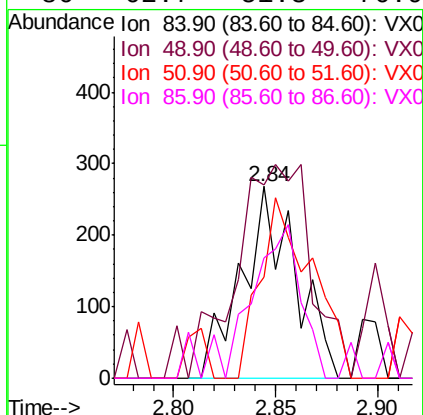
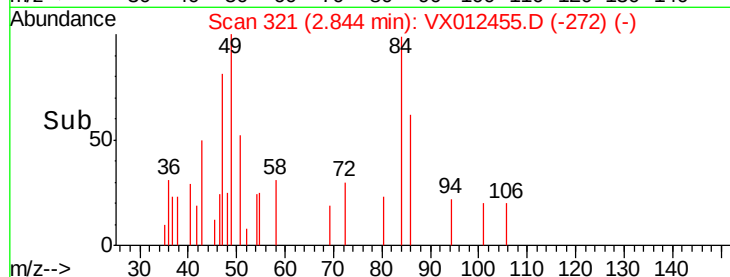
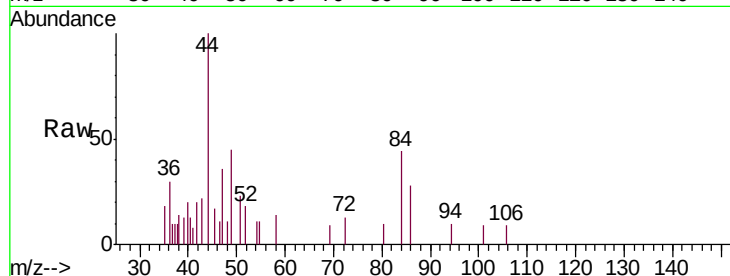




#20
Methylene Chloride
Concen: 0.350 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012455.D
Acq: 18 Sep 2019 00:34

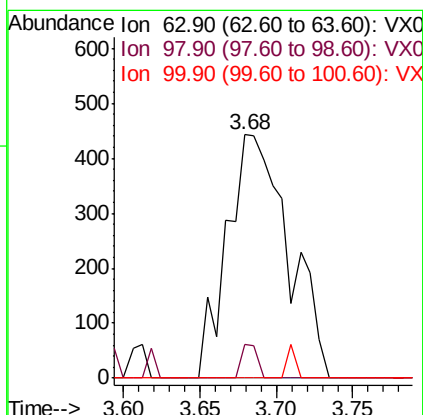
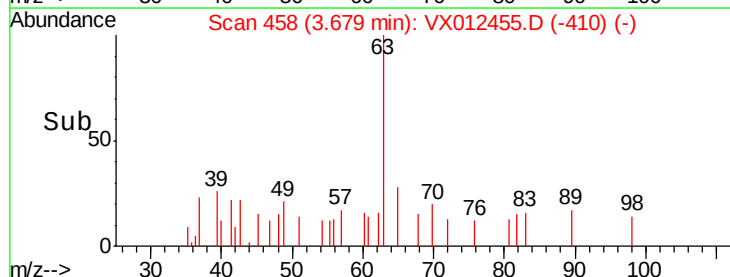
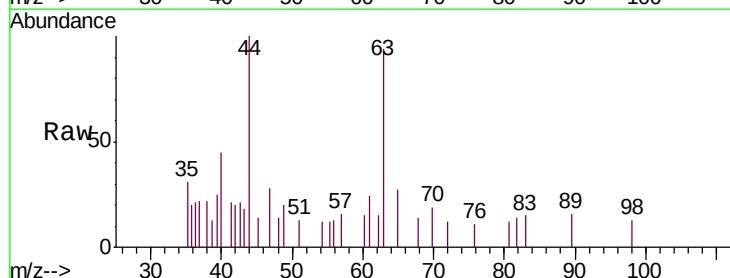
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910

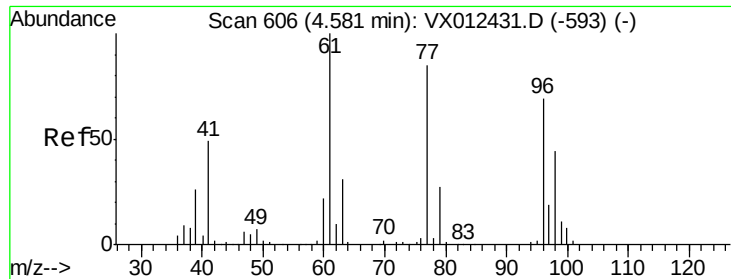
Tgt Ion: 84 Resp: 492
Ion Ratio Lower Upper
84 100
49 101.1 106.8 160.2#
51 31.3 32.3 48.5#
86 62.7 51.3 76.9



#24
1,1-Dichloroethane
Concen: 0.466 ug/l
RT: 3.68 min Scan# 458
Delta R.T. -0.01 min
Lab File: VX012455.D
Acq: 18 Sep 2019 00:34

Tgt Ion: 63 Resp: 1237
Ion Ratio Lower Upper
63 100
98 13.8 3.9 11.7#
100 0.0 2.3 6.9#



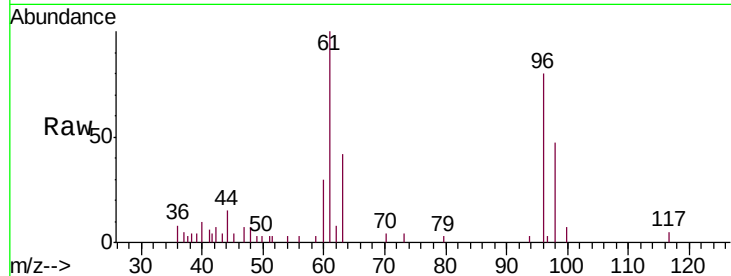


#27

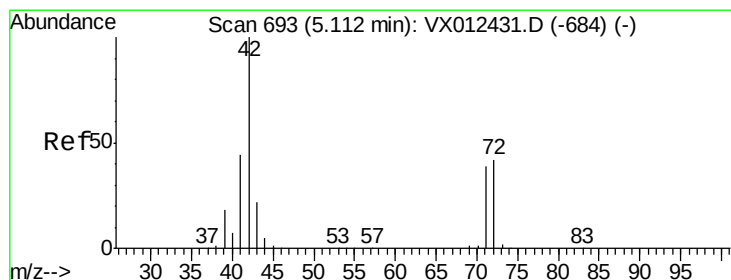
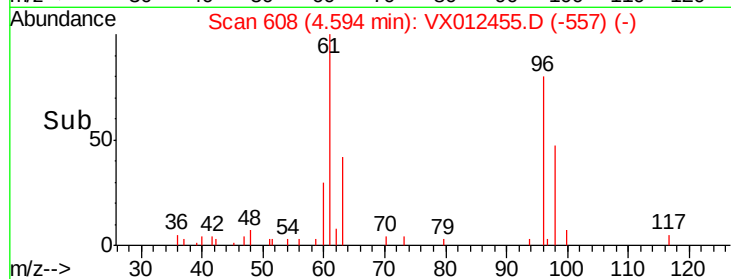
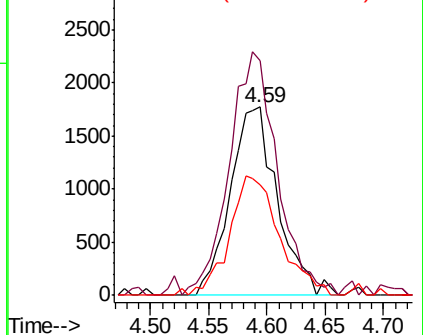
cis-1,2-Dichloroethene
 Concen: 3.173 ug/l
 RT: 4.59 min Scan# 608
 Delta R.T. 0.01 min
 Lab File: VX012455.D
 Acq: 18 Sep 2019 00:34

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20190910

Tgt Ion: 96 Resp: 5015
 Ion Ratio Lower Upper
 96 100
 61 131.6 0.0 319.4
 98 67.1 0.0 130.6



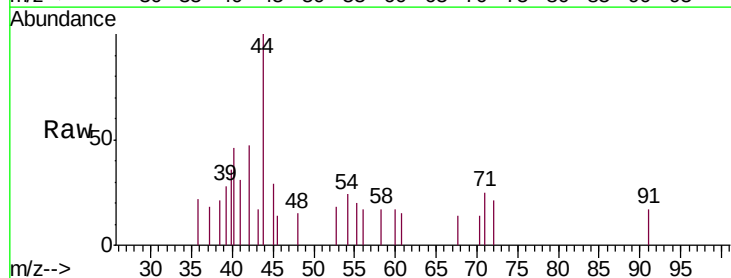
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



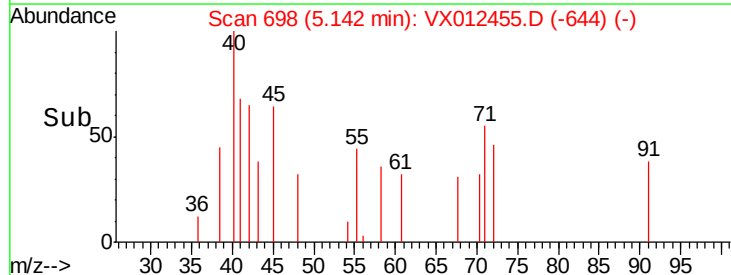
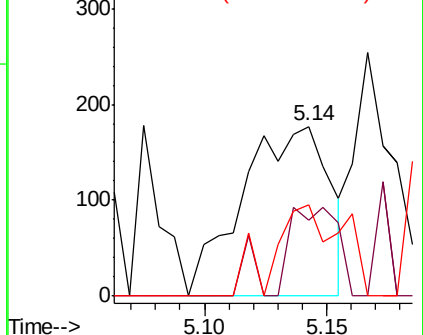
#29

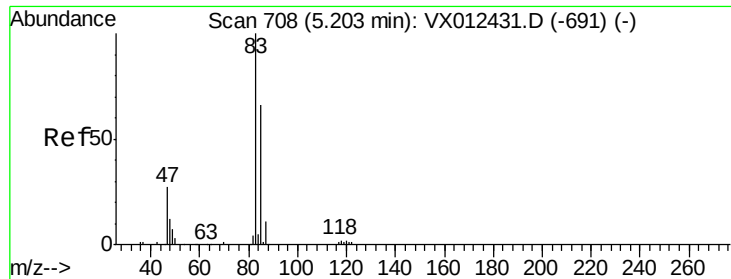
Tetrahydrofuran
 Concen: 0.494 ug/l
 RT: 5.14 min Scan# 698
 Delta R.T. 0.03 min
 Lab File: VX012455.D
 Acq: 18 Sep 2019 00:34

Tgt Ion: 42 Resp: 440
 Ion Ratio Lower Upper
 42 100
 72 28.2 34.0 51.0#
 71 42.3 31.5 47.3



Abundance Ion 42.00 (41.70 to 42.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0
 Ion 71.00 (70.70 to 71.70): VX0

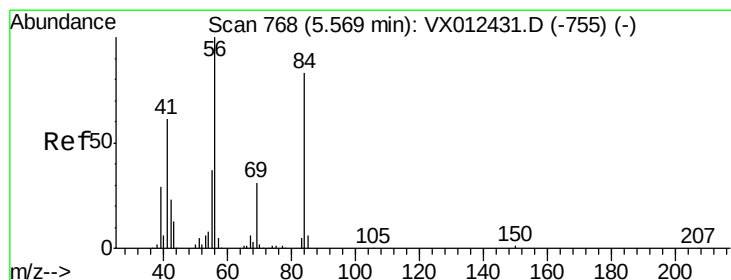
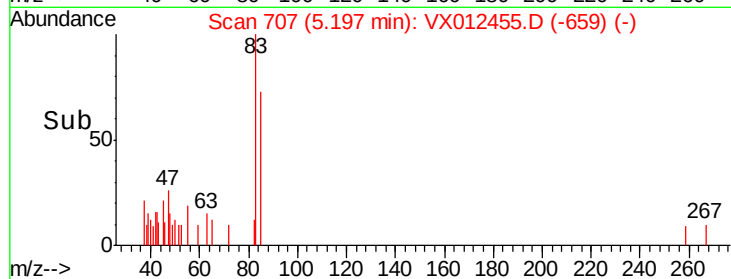
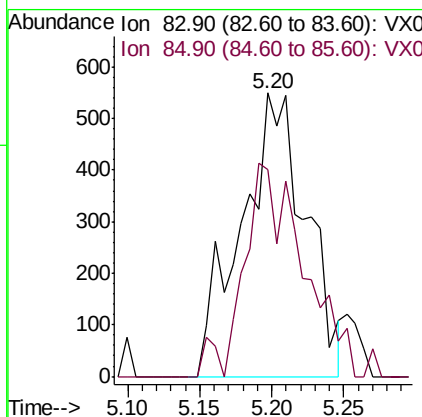
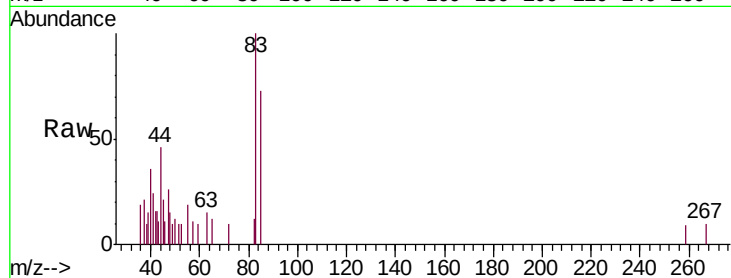




#30
Chloroform
Concen: 0.561 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012455.D
Acq: 18 Sep 2019 00:34

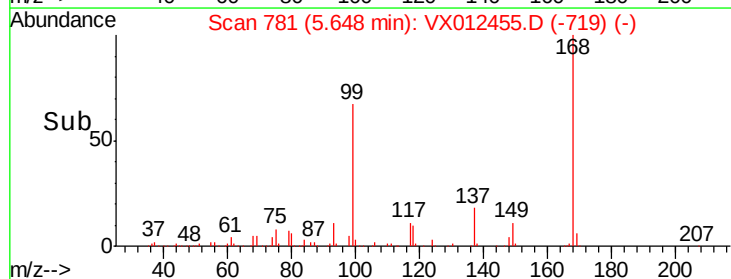
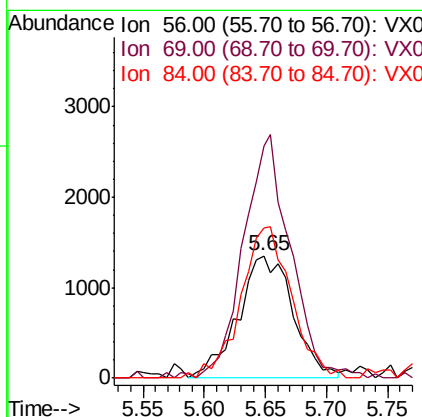
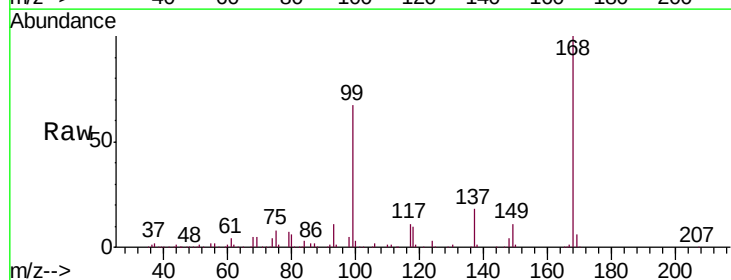
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910

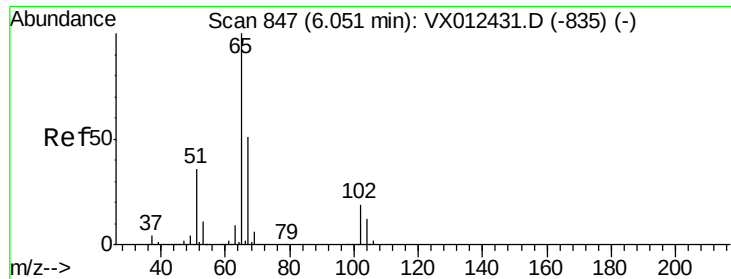
Tgt Ion: 83 Resp: 1711
Ion Ratio Lower Upper
83 100
85 73.2 53.0 79.4



#31
Cyclohexane
Concen: 2.634 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.08 min
Lab File: VX012455.D
Acq: 18 Sep 2019 00:34

Tgt Ion: 56 Resp: 4225
Ion Ratio Lower Upper
56 100
69 185.9 25.0 37.6#
84 118.5 66.4 99.6#

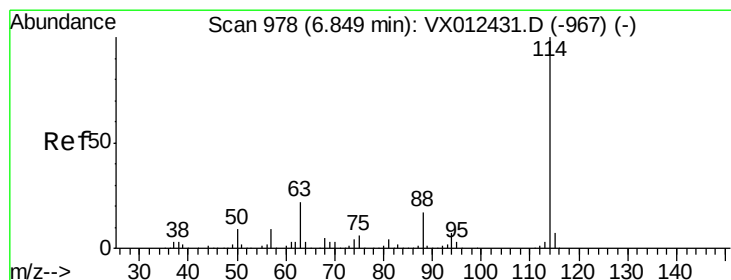
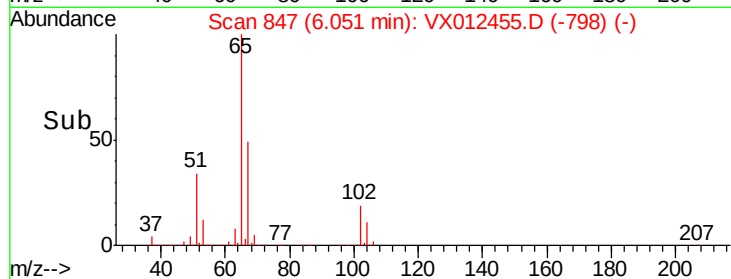
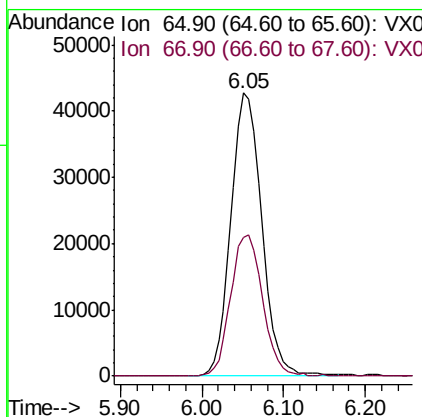
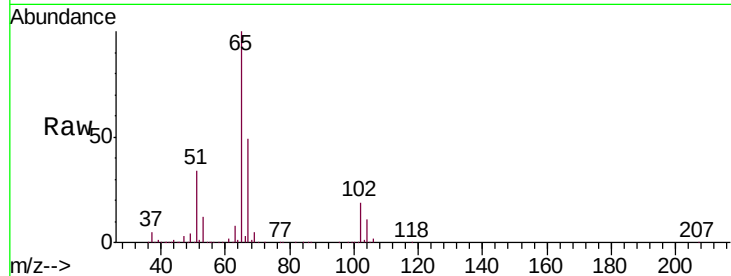




#33
 1,2-Dichloroethane-d4
 Concen: 48.204 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012455.D
 Acq: 18 Sep 2019 00:34

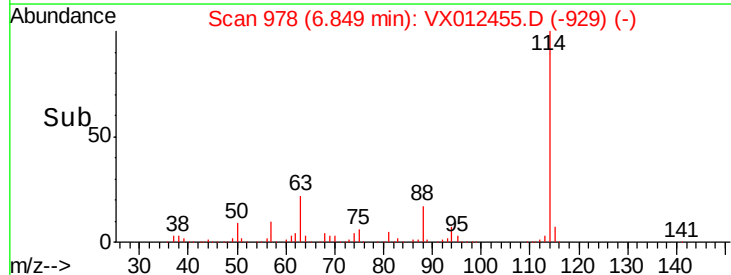
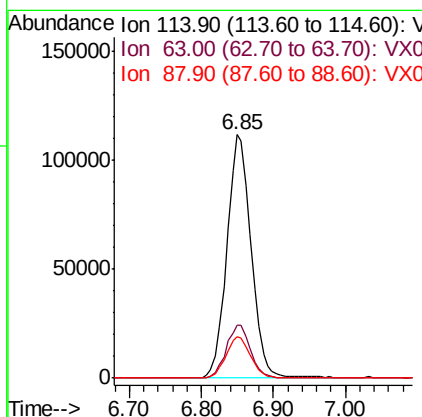
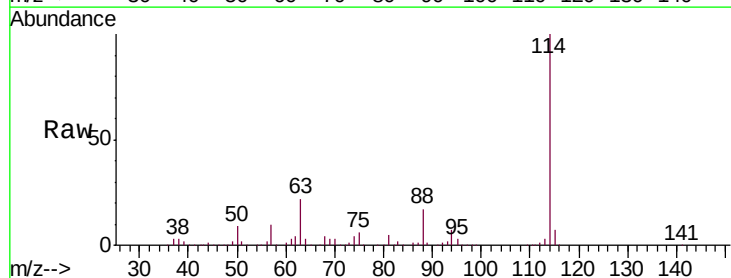
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20190910

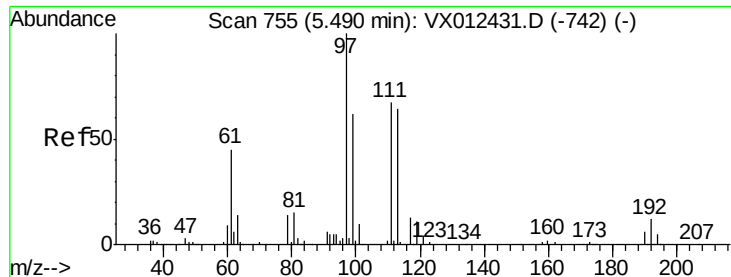
Tgt Ion: 65 Resp: 111946
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012455.D
 Acq: 18 Sep 2019 00:34

Tgt Ion: 114 Resp: 261666
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 17.0 0.0 33.2

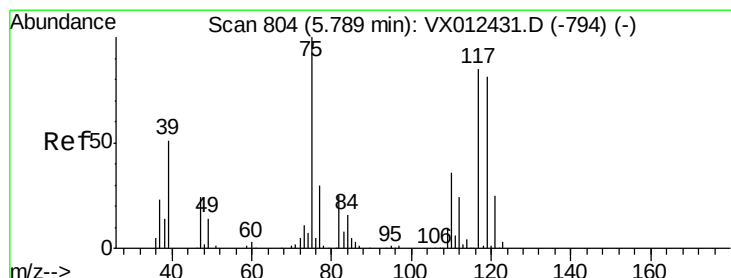
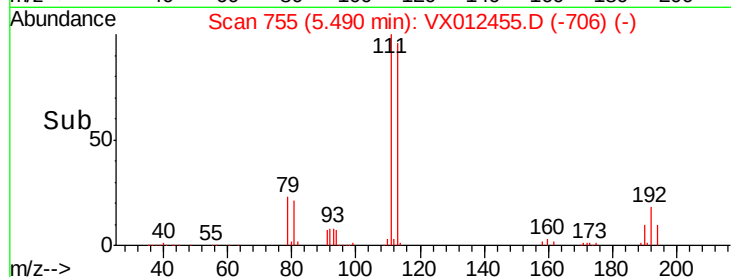
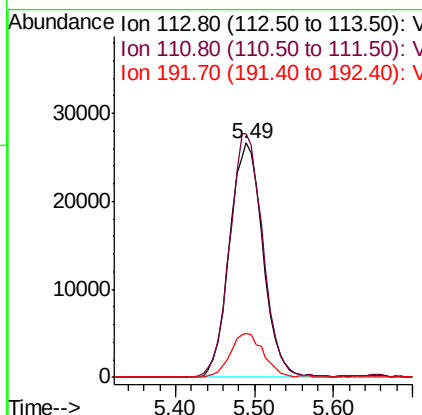
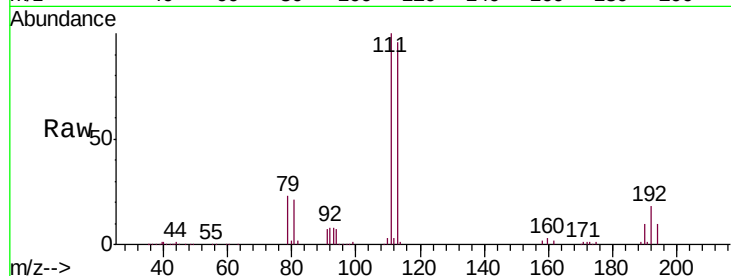




#35
 Dibromofluoromethane
 Concen: 49.513 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012455.D
 Acq: 18 Sep 2019 00:34

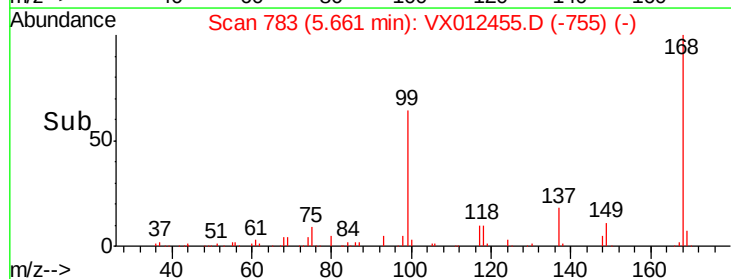
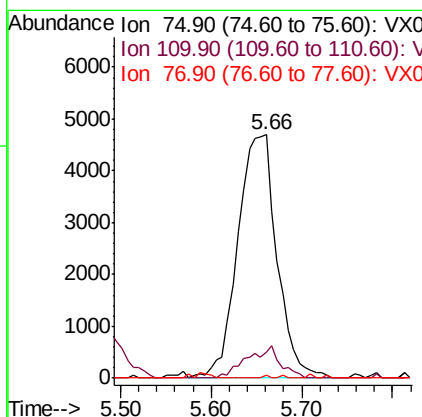
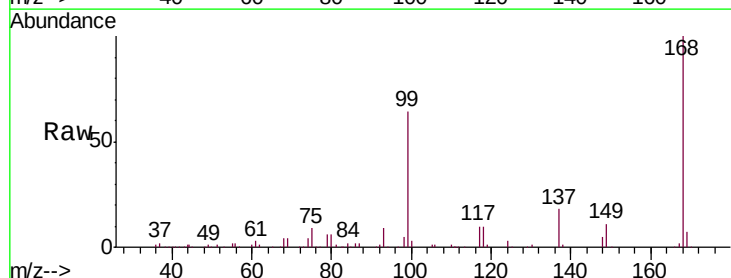
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20190910

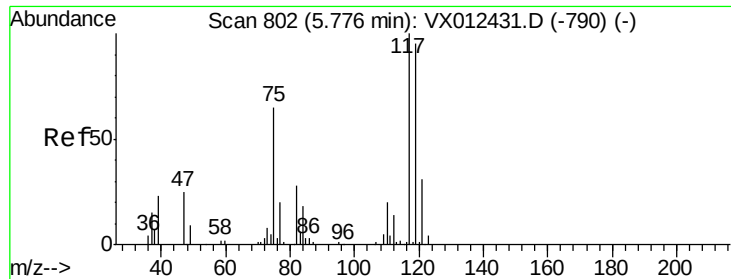
Tgt Ion:113 Resp: 78417
 Ion Ratio Lower Upper
 113 100
 111 103.2 83.4 125.2
 192 18.6 14.4 21.6



#36
 1,1-Dichloropropene
 Concen: 8.837 ug/l
 RT: 5.66 min Scan# 783
 Delta R.T. -0.13 min
 Lab File: VX012455.D
 Acq: 18 Sep 2019 00:34

Tgt Ion: 75 Resp: 14054
 Ion Ratio Lower Upper
 75 100
 110 11.3 16.7 50.0#
 77 0.1 24.2 36.2#





#38

Carbon Tetrachloride

Concen: 0.729 ug/l

RT: 5.78 min Scan# 802

Delta R.T. 0.00 min

Lab File: VX012455.D

Acq: 18 Sep 2019 00:34

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20190910

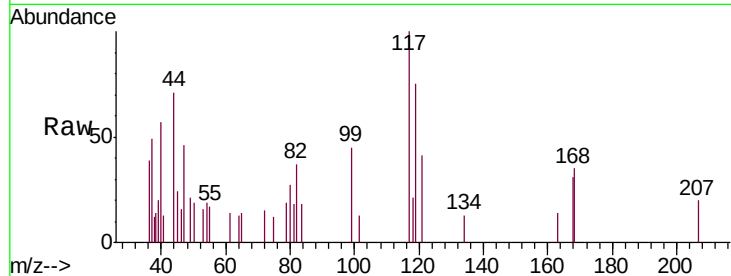
Tgt Ion:117 Resp: 1442

Ion Ratio Lower Upper

117 100

119 75.2 75.7 113.5#

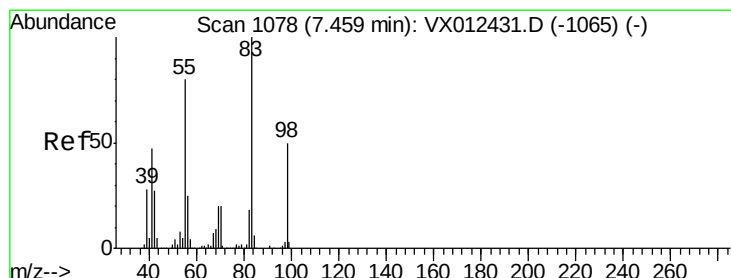
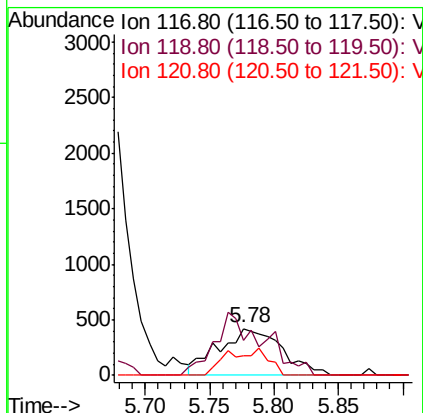
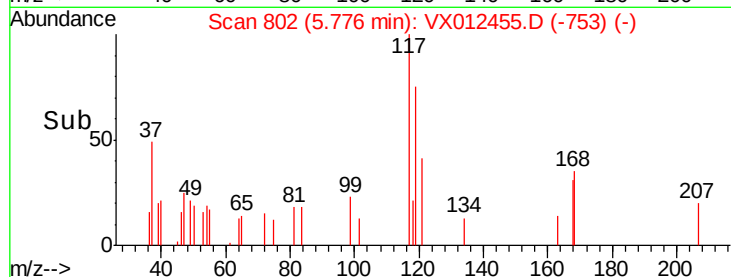
121 41.3 24.2 36.4#



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: 3.577 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.26 min

Lab File: VX012455.D

Acq: 18 Sep 2019 00:34

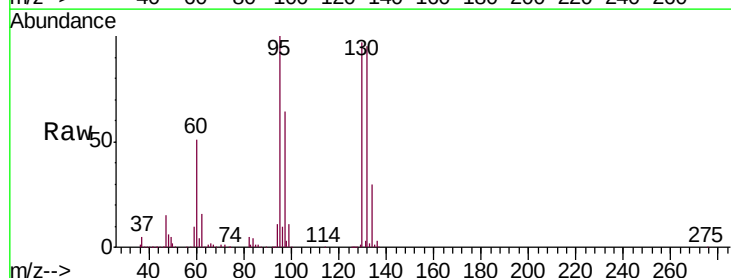
Tgt Ion: 83 Resp: 5530

Ion Ratio Lower Upper

83 100

55 0.0 64.4 96.6#

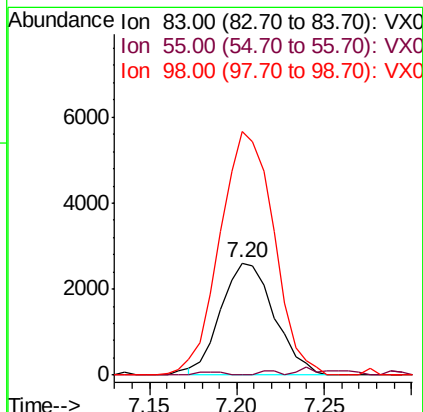
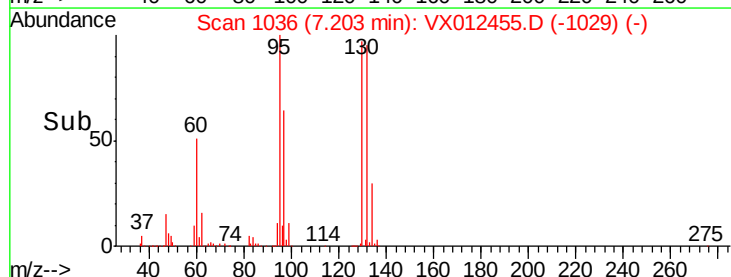
98 217.4 40.1 60.1#

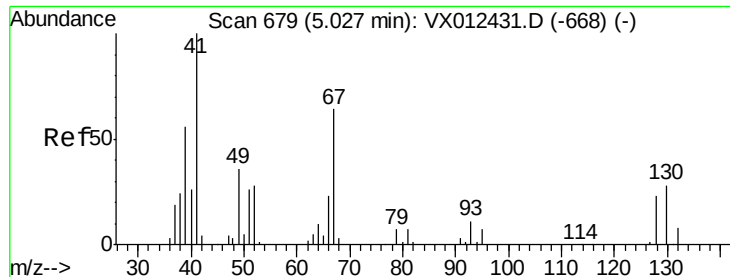


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

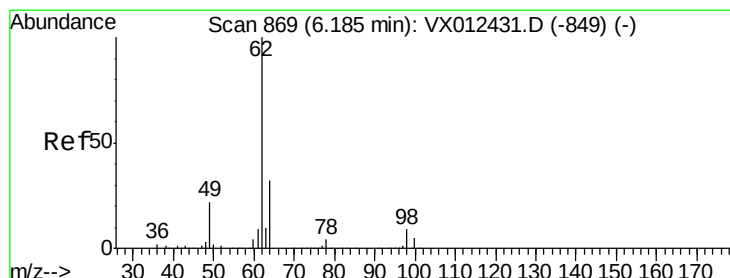
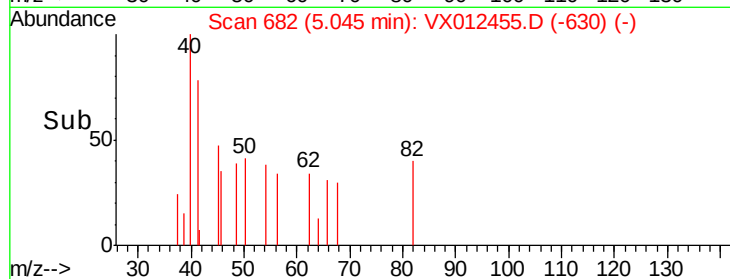
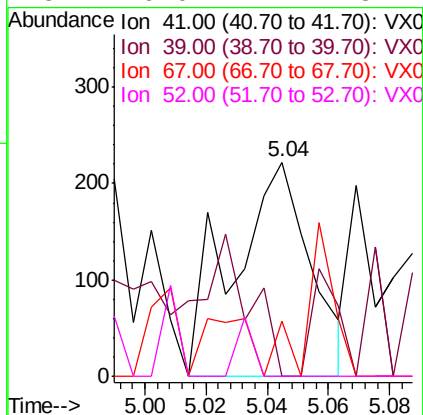
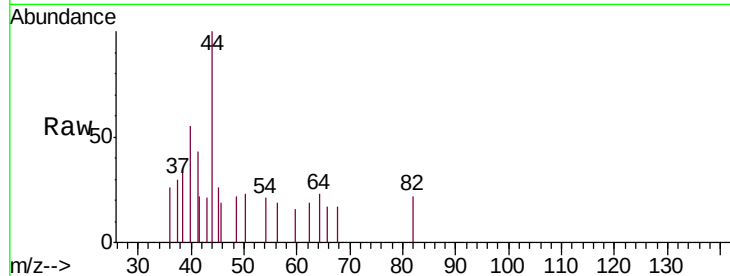




#41
Methacrylonitrile
Concen: 0.249 ug/l
RT: 5.04 min Scan# 682
Delta R.T. 0.02 min
Lab File: VX012455.D
Acq: 18 Sep 2019 00:34

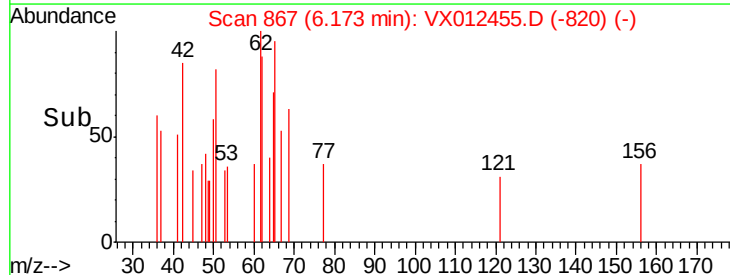
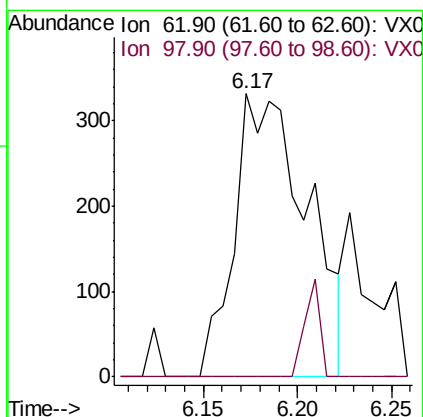
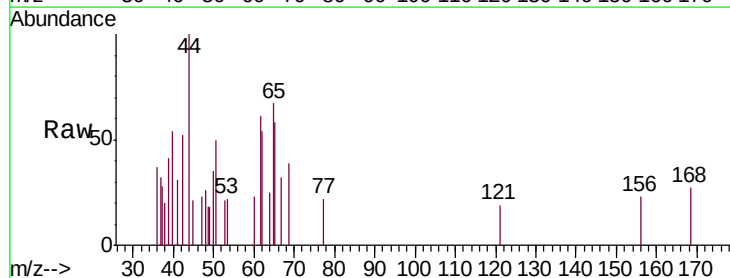
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910

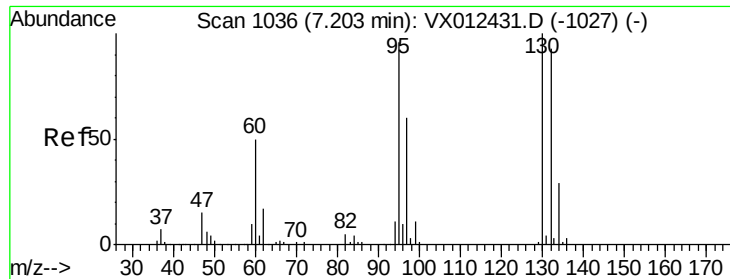
Tgt Ion:	41	Resp:	391
Ion	Ratio	Lower	Upper
41	100		
39	0.0	46.0	69.0#
67	0.0	52.2	78.2#
52	0.0	22.7	34.1#



#42
1,2-Dichloroethane
Concen: 0.378 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX012455.D
Acq: 18 Sep 2019 00:34

Tgt Ion:	62	Resp:	886
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	17.8





#44

Trichloroethene

Concen: 341.799 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012455.D

Acq: 18 Sep 2019 00:34

Instrument :

MSVOA_X

ClientSampleId :

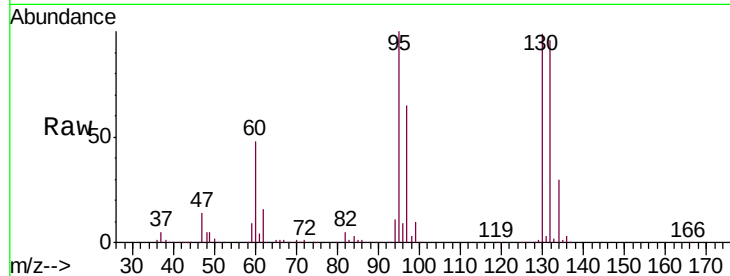
RE125D3-20190910

Tgt Ion:130 Resp: 454684

Ion Ratio Lower Upper

130 100

95 101.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

250000

200000

150000

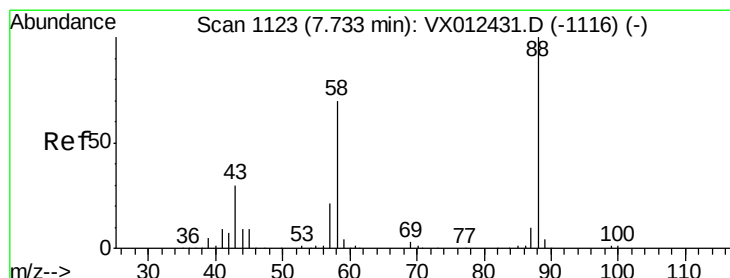
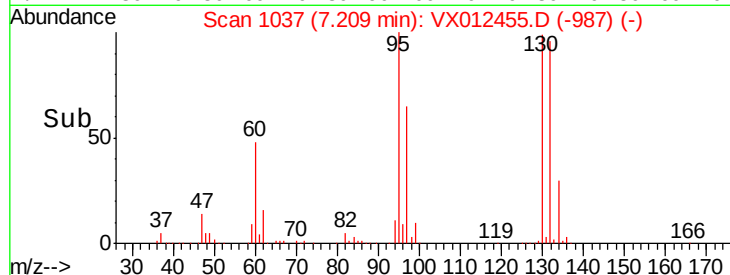
100000

50000

0

7.10 7.20 7.30

Time-->



#49

1,4-Dioxane

Concen: 14.642 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.02 min

Lab File: VX012455.D

Acq: 18 Sep 2019 00:34

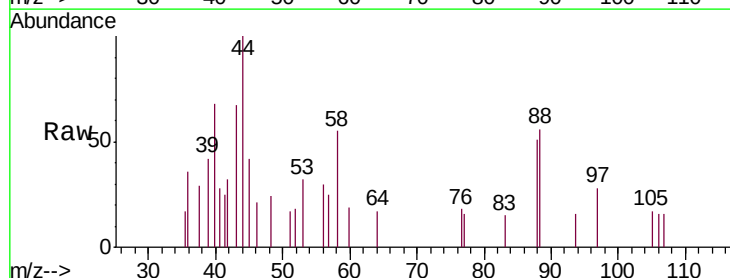
Tgt Ion: 88 Resp: 736

Ion Ratio Lower Upper

88 100

43 73.1 29.4 44.0#

58 70.5 57.5 86.3



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

400

300

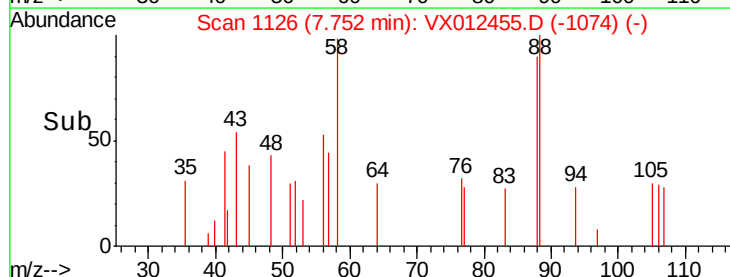
200

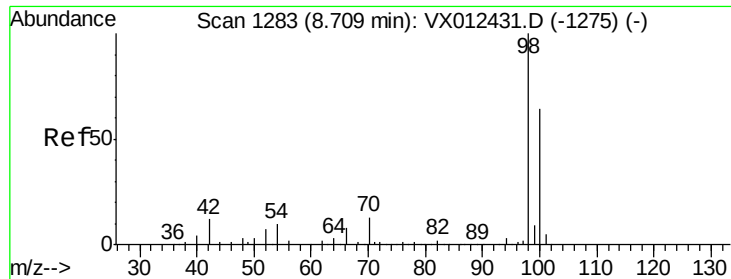
100

0

7.70 7.75 7.80

Time-->





#50

Toluene-d8

Concen: 51.723 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012455.D

Acq: 18 Sep 2019 00:34

Instrument :

MSVOA_X

ClientSampleId :

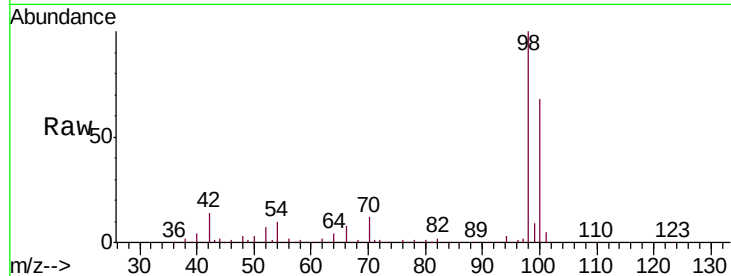
RE125D3-20190910

Tgt Ion: 98 Resp: 303211

Ion Ratio Lower Upper

98 100

100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.71

200000

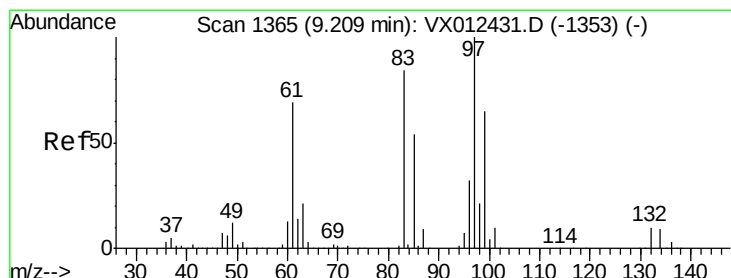
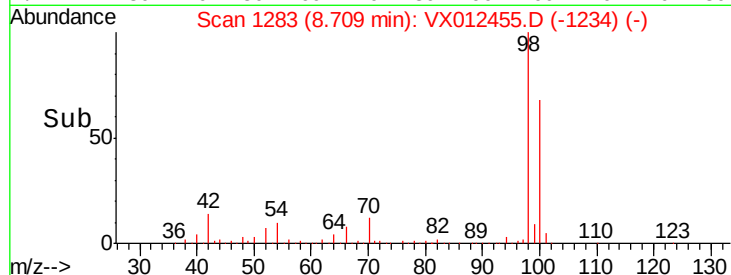
150000

100000

50000

0

Time-->



#55

1,1,2-Trichloroethane

Concen: 0.239 ug/l

RT: 9.21 min Scan# 1366

Delta R.T. 0.01 min

Lab File: VX012455.D

Acq: 18 Sep 2019 00:34

Tgt Ion: 97 Resp: 401

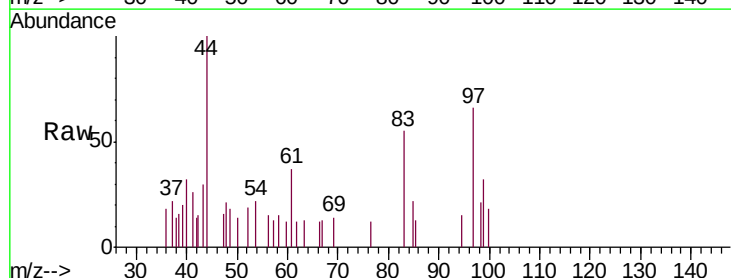
Ion Ratio Lower Upper

97 100

83 83.6 67.4 101.2

85 52.3 43.5 65.3

99 48.0 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

9.21

400

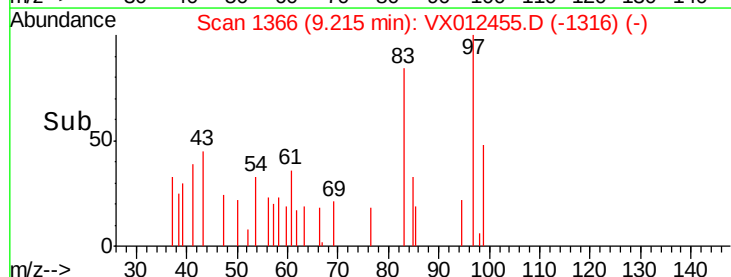
300

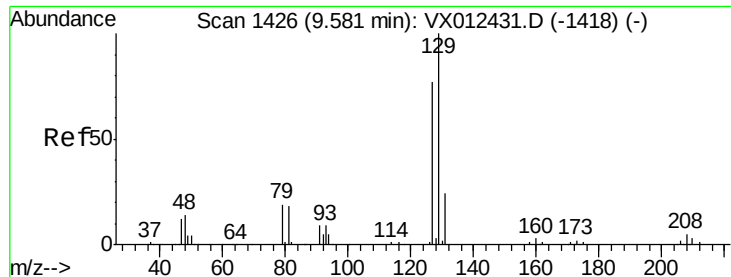
200

100

0

Time-->

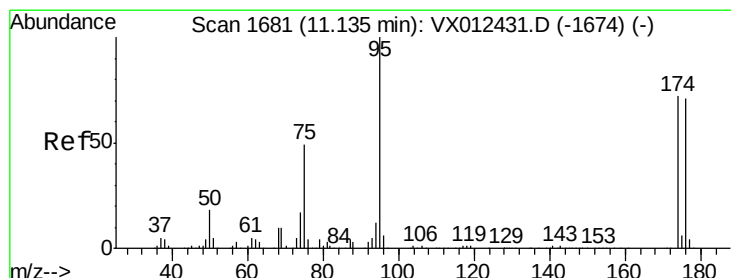
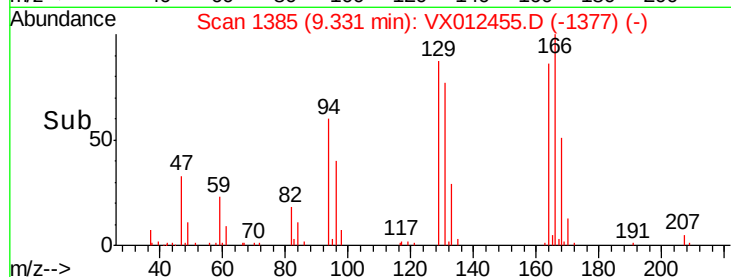
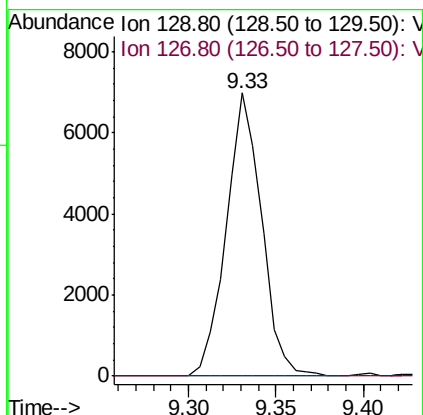
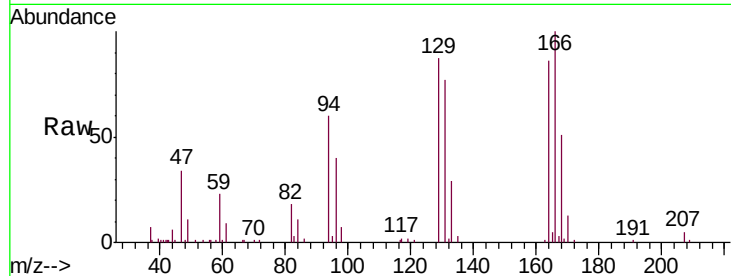




#60
 Dibromochloromethane
 Concen: 5.736 ug/l
 RT: 9.33 min Scan# 1385
 Delta R.T. -0.25 min
 Lab File: VX012455.D
 Acq: 18 Sep 2019 00:34

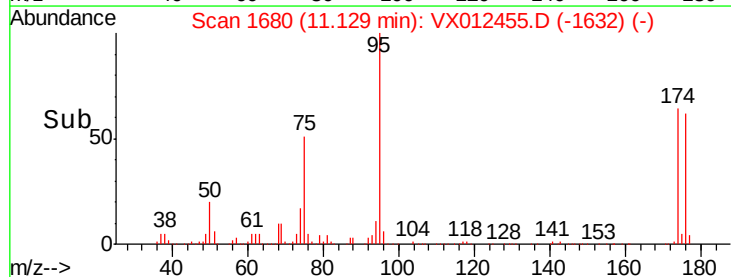
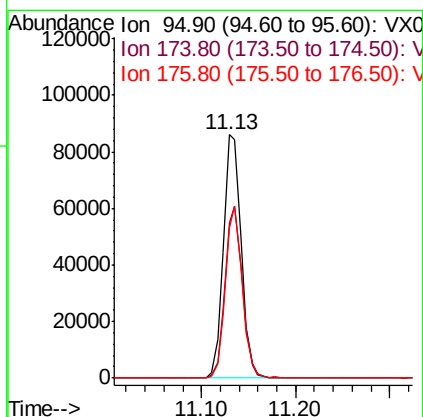
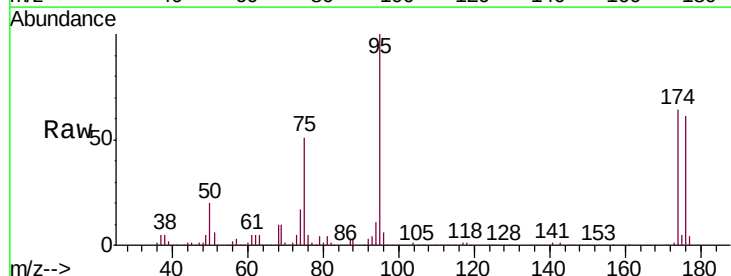
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20190910

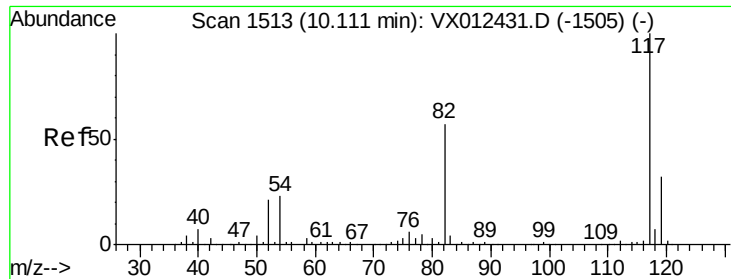
Tgt Ion: 129 Resp: 9808
 Ion Ratio Lower Upper
 129 100
 127 0.0 38.9 116.6#



#62
 4-Bromofluorobenzene
 Concen: 46.388 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.01 min
 Lab File: VX012455.D
 Acq: 18 Sep 2019 00:34

Tgt Ion: 95 Resp: 112909
 Ion Ratio Lower Upper
 95 100
 174 68.6 0.0 140.0
 176 66.7 0.0 135.4

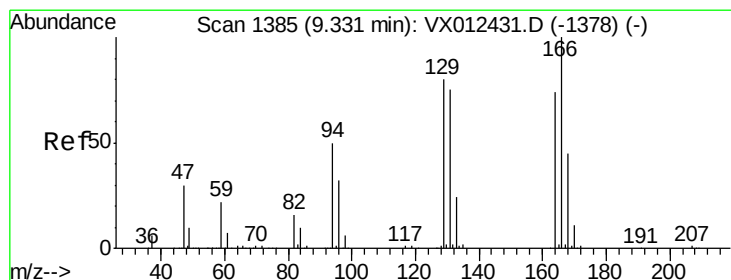
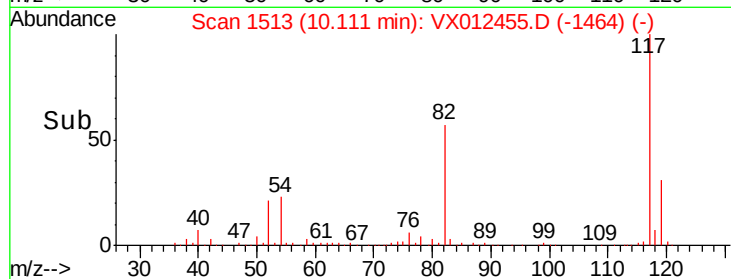
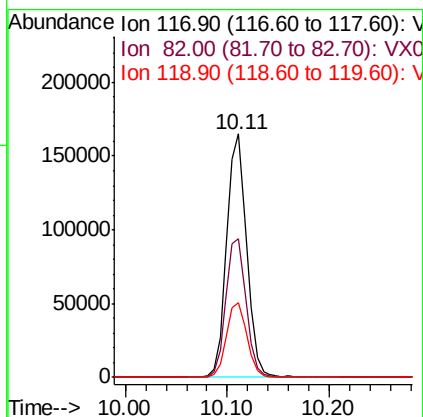
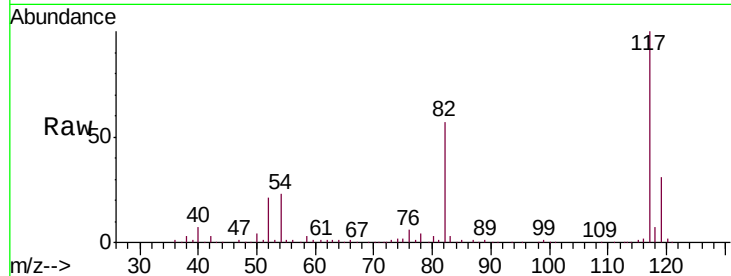




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012455.D
Acq: 18 Sep 2019 00:34

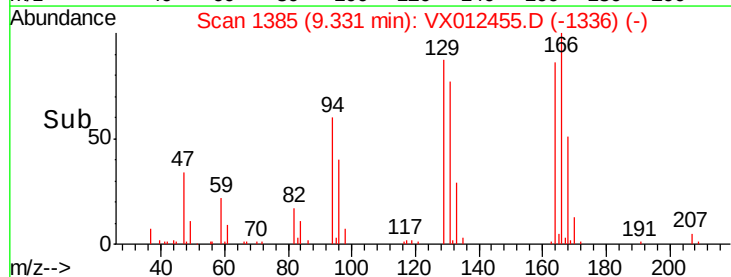
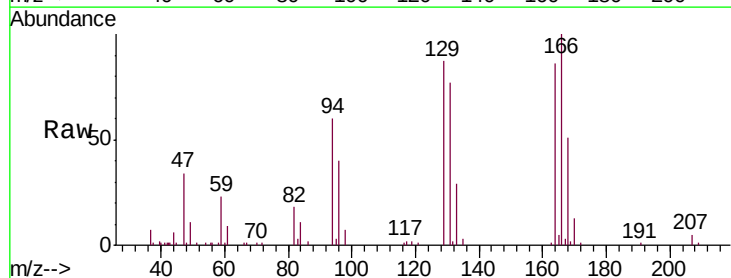
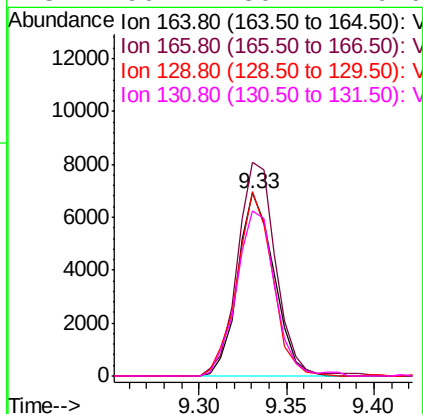
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20190910

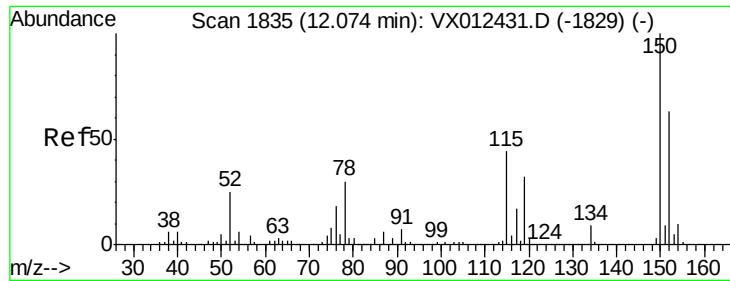
Tgt Ion:117 Resp: 223265
Ion Ratio Lower Upper
117 100
82 57.1 45.9 68.9
119 30.5 25.3 37.9



#64
Tetrachloroethene
Concen: 9.771 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012455.D
Acq: 18 Sep 2019 00:34

Tgt Ion:164 Resp: 9997
Ion Ratio Lower Upper
164 100
166 116.9 107.8 161.6
129 101.1 86.2 129.2
131 90.1 80.4 120.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012455.D

Acq: 18 Sep 2019 00:34

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20190910

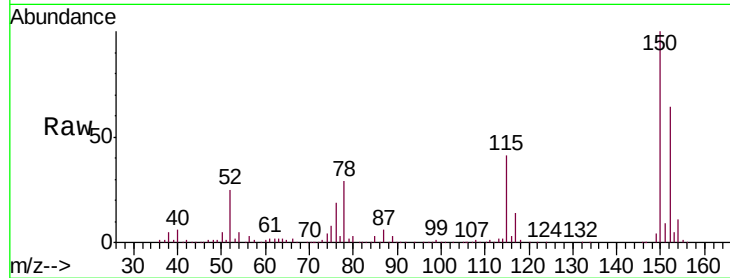
Tgt Ion:152 Resp: 93823

Ion Ratio Lower Upper

152 100

115 63.5 44.1 132.3

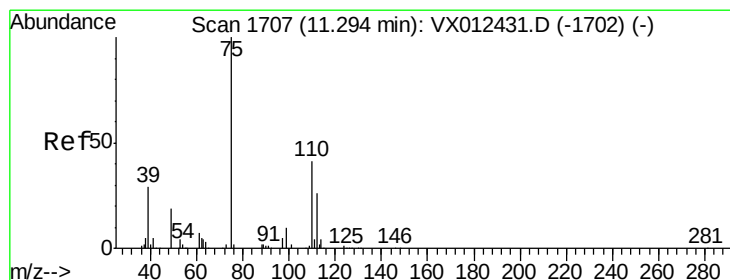
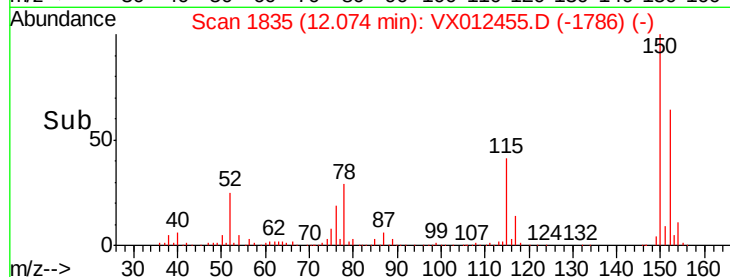
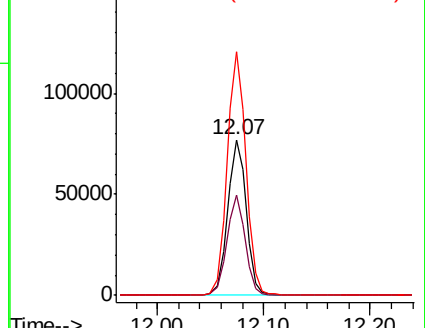
150 158.1 0.0 343.8



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



#76

1,2,3-Trichloropropane

Concen: 27.253 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012455.D

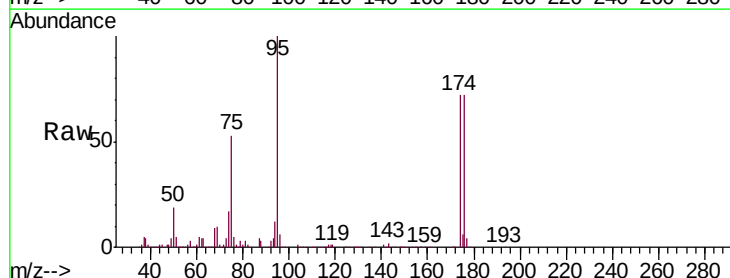
Acq: 18 Sep 2019 00:34

Tgt Ion: 75 Resp: 58735

Ion Ratio Lower Upper

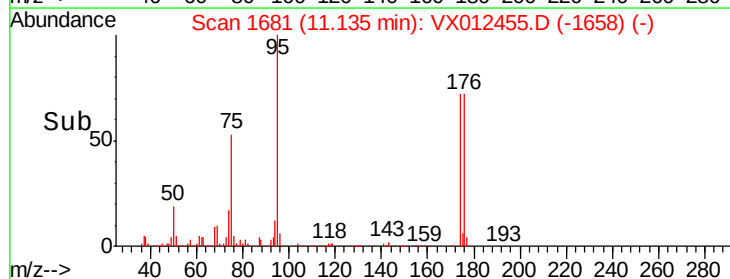
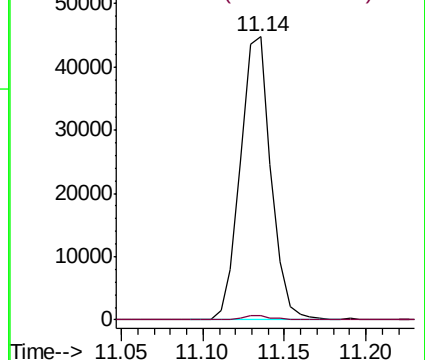
75 100

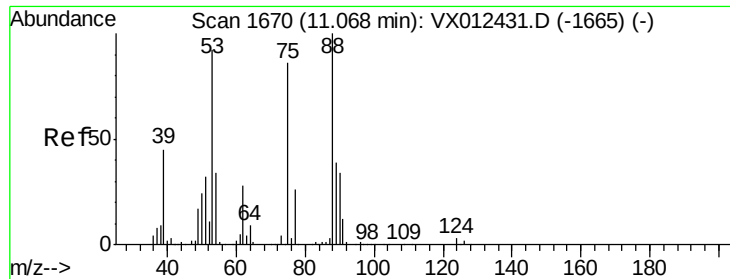
77 1.6 19.7 59.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 73.282 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012455.D

Acq: 18 Sep 2019 00:34

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20190910

Tgt Ion: 75 Resp: 58735

Ion Ratio Lower Upper

75 100

53 0.3 83.6 125.4#

89 0.0 36.3 54.5#

