

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092019\
 Data File : VX012558.D
 Acq On : 20 Sep 2019 15:35
 Operator : JC/SP
 Sample : K4858-23DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911DL

Quant Time: Sep 21 01:34:18 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	174841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	230133	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	87876	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	113062	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
35) Dibromofluoromethane	5.48	113	79944	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	8.71	98	316801	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
62) 4-Bromofluorobenzene	11.14	95	113957	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	282	0.631	ug/l	85
3) Chloromethane	1.32	50	281	0.292	ug/l	97
5) Bromomethane	1.64	94	401	0.982	ug/l #	51
6) Chloroethane	1.70	64	831	1.022	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1452	1.054	ug/l	94
10) Methyl Iodide	2.50	142	490	4.820	ug/l #	90
11) Tert butyl alcohol	3.01	59	11675	12.801	ug/l #	75
12) 1,1-Dichloroethene	2.36	96	654	0.595	ug/l #	58
13) Acrolein	2.28	56	241	Below Cal	#	40
15) Acrylonitrile	3.14	53	318	0.293	ug/l #	40
16) Acetone	2.44	43	1056	Below Cal		95
17) Carbon Disulfide	2.56	76	418	2.066	ug/l #	75
19) Methyl tert-butyl Ether	3.19	73	2009	0.335	ug/l #	89
20) Methylene Chloride	2.84	84	928	0.612	ug/l #	81
21) trans-1,2-Dichloroethene	3.14	96	302	0.265	ug/l #	44
22) Diisopropyl ether	3.86	45	1511	0.252	ug/l #	86
23) Vinyl Acetate	3.86	43	1335	0.271	ug/l #	73
24) 1,1-Dichloroethane	3.69	63	812	0.283	ug/l #	81
27) cis-1,2-Dichloroethene	4.59	96	1317	0.772	ug/l	84
29) Tetrahydrofuran	5.14	42	463	0.482	ug/l #	47
30) Chloroform	5.20	83	2124	0.645	ug/l #	82
36) 1,1-Dichloropropene	5.65	75	14341	8.621	ug/l #	55
38) Carbon Tetrachloride	5.65	117	19037	9.201	ug/l #	18
42) 1,2-Dichloroethane	6.19	62	600	0.245	ug/l	85
44) Trichloroethene	7.21	130	47216	33.930	ug/l	99
49) 1,4-Dioxane	7.75	88	128	2.434	ug/l #	13
60) Dibromochloromethane	9.33	129	1773	0.991	ug/l #	11
64) Tetrachloroethene	9.33	164	1587	1.505	ug/l	90
68) m/p-Xylenes	10.36	106	577	0.243	ug/l #	67
71) Bromoform	10.84	173	28	2.889	ug/l #	29
76) 1,2,3-Trichloropropane	11.14	75	58427	28.945	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	58427	77.639	ug/l #	8
88) 1,4-Dichlorobenzene	12.10	146	633	0.244	ug/l #	24
93) 1,2,4-Trichlorobenzene	13.65	180	447	0.262	ug/l	95

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Response via : Initial Calibration

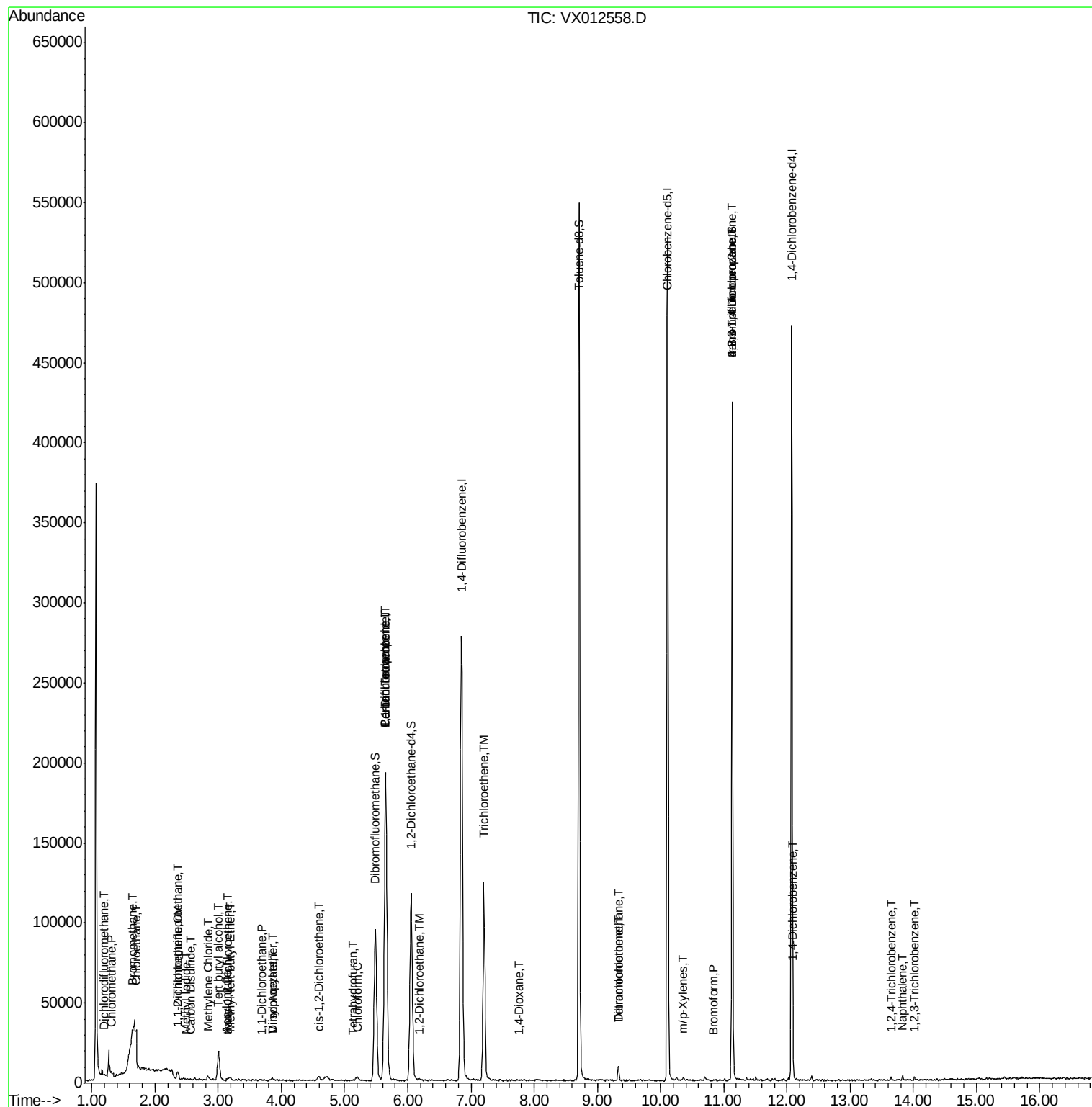
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.83	128	1573	0.260	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.02	180	503	0.290	ug/l #	80

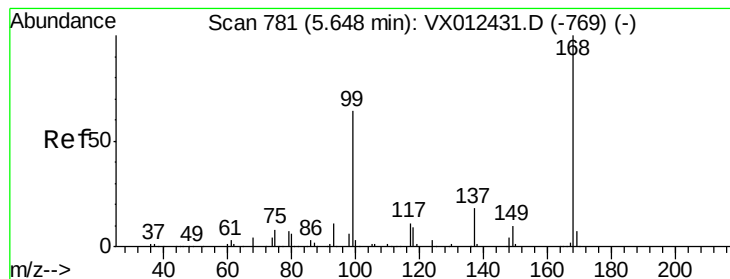
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

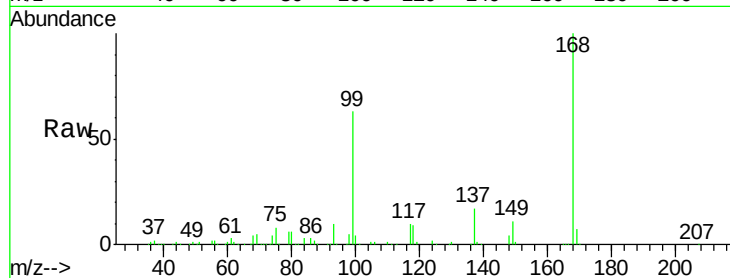
RE132D1-20190911DL

Tot Ion:168 Resp: 174841

Ion Ratio Lower Upper

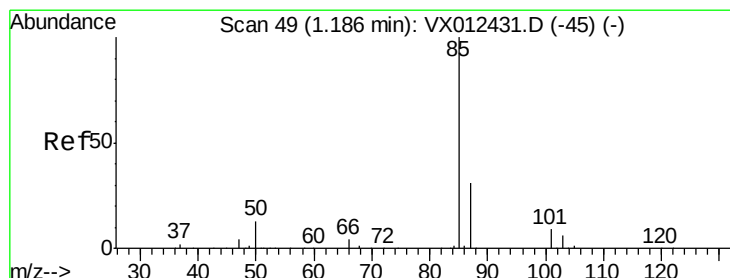
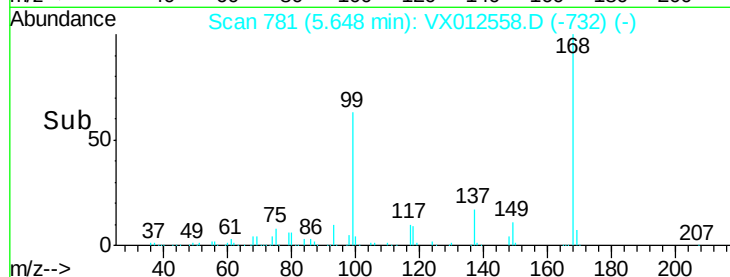
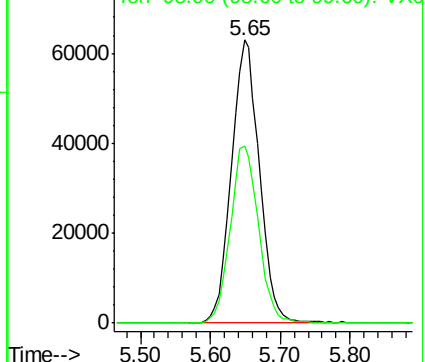
168 100

99 62.6 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 0.631 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012558.D

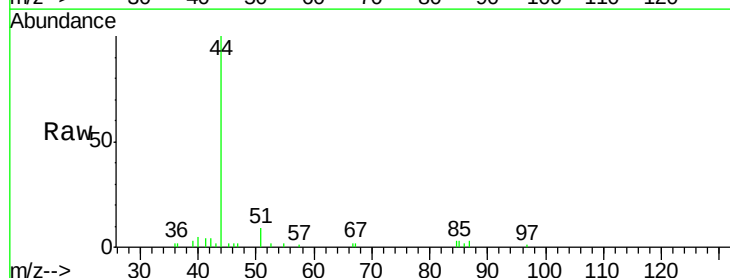
Acq: 20 Sep 2019 15:35

Tgt Ion: 85 Resp: 282

Ion Ratio Lower Upper

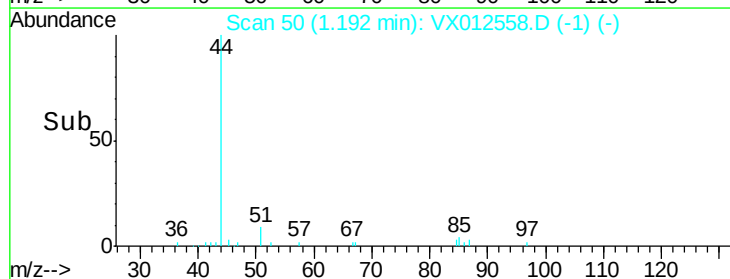
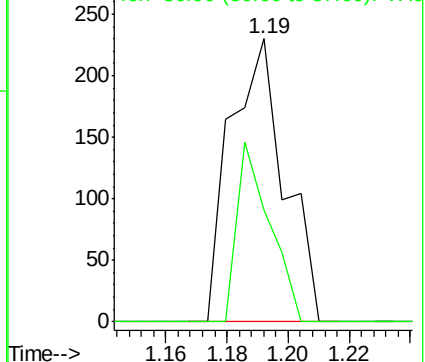
85 100

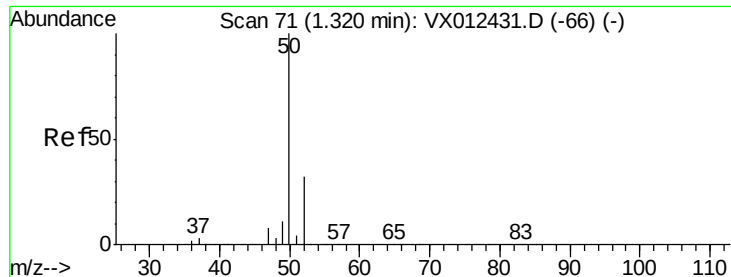
87 39.6 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.292 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

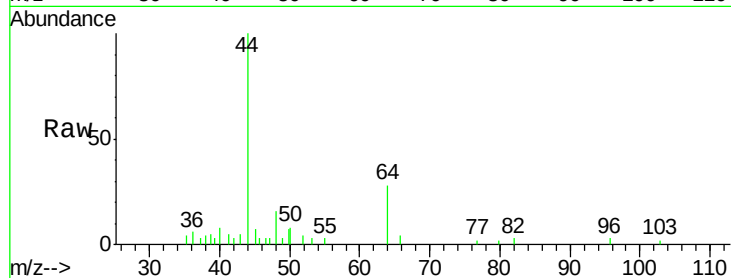
RE132D1-20190911DL

Tot Ion: 50 Resp: 281

Ion Ratio Lower Upper

50 100

52 33.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

400

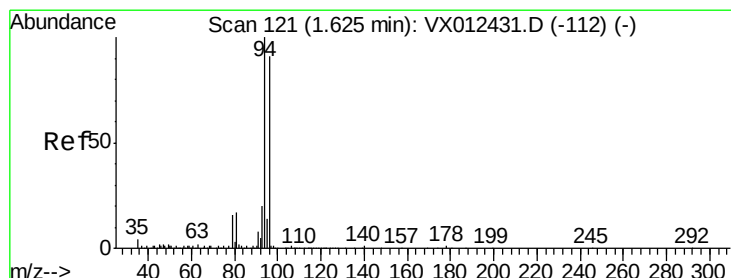
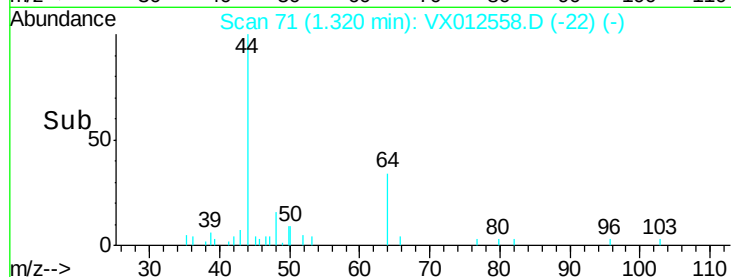
300

200

100

0

Time-->



#5

Bromomethane

Concen: 0.982 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX012558.D

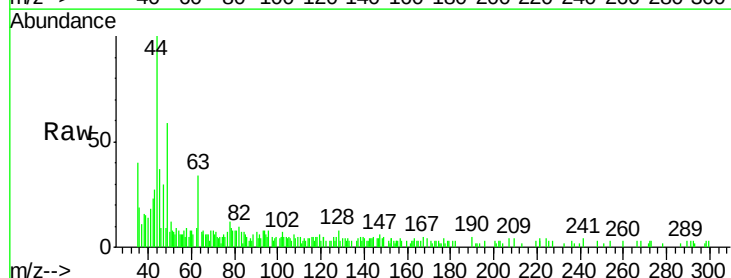
Acq: 20 Sep 2019 15:35

Tgt Ion: 94 Resp: 401

Ion Ratio Lower Upper

94 100

96 44.6 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

400

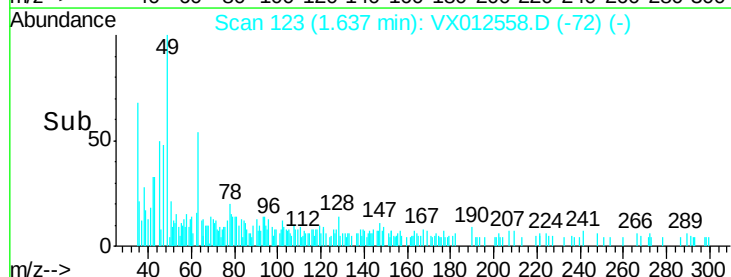
300

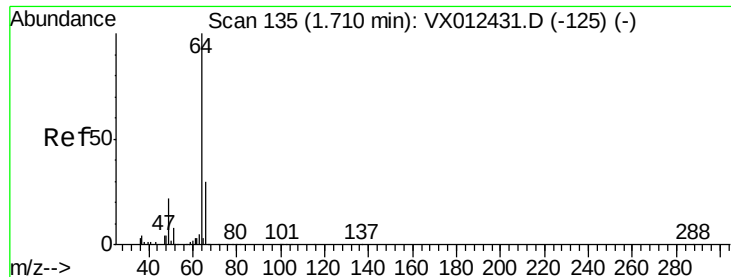
200

100

0

Time-->





#6

Chloroethane

Concen: 1.022 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

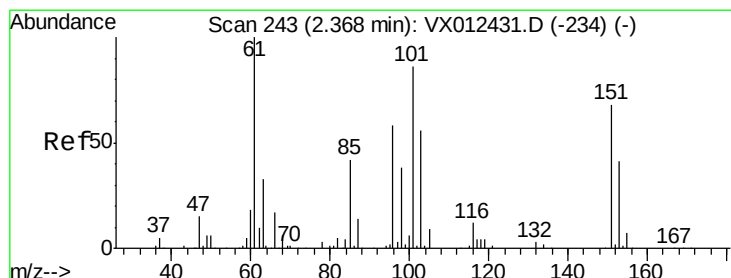
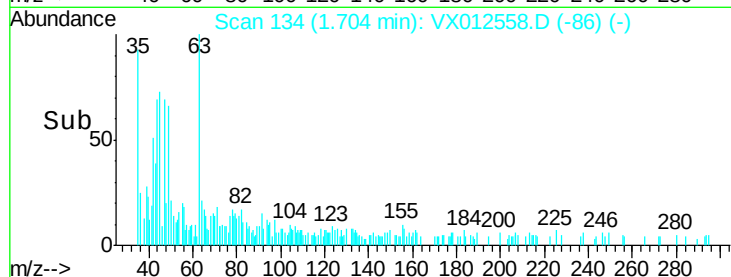
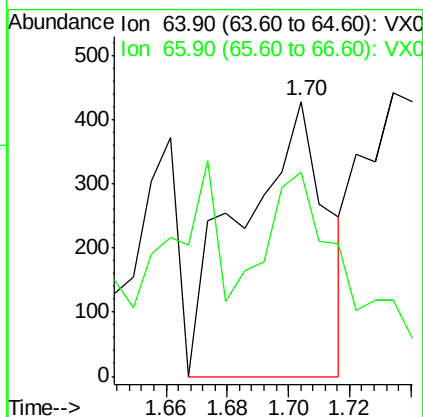
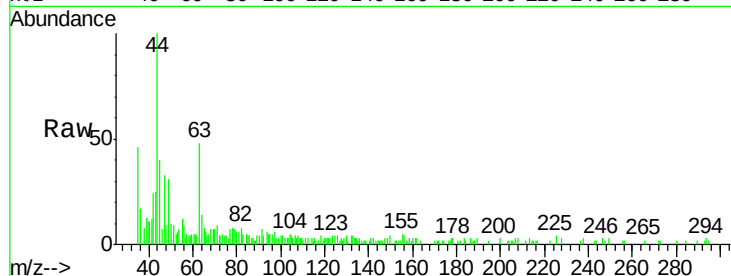
RE132D1-20190911DL

Tot Ion: 64 Resp: 831

Ion Ratio Lower Upper

64 100

66 26.4 24.0 36.0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.054 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

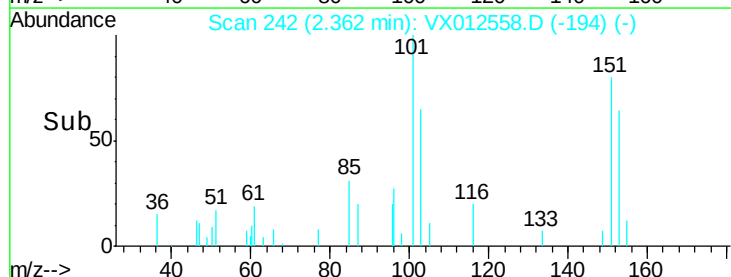
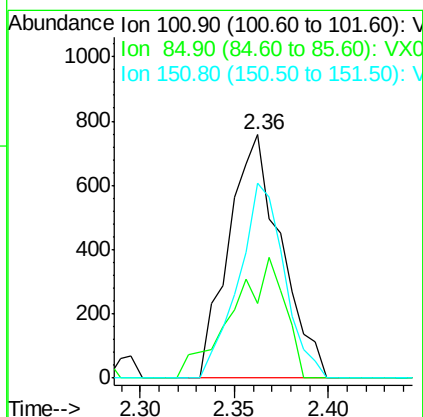
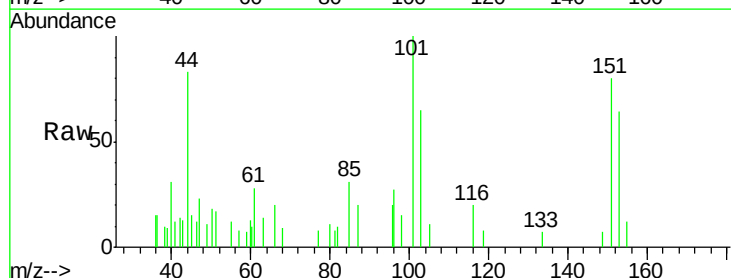
Tgt Ion: 101 Resp: 1452

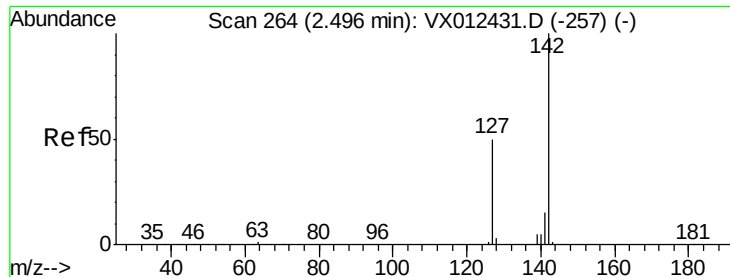
Ion Ratio Lower Upper

101 100

85 49.4 37.3 55.9

151 70.4 61.0 91.4

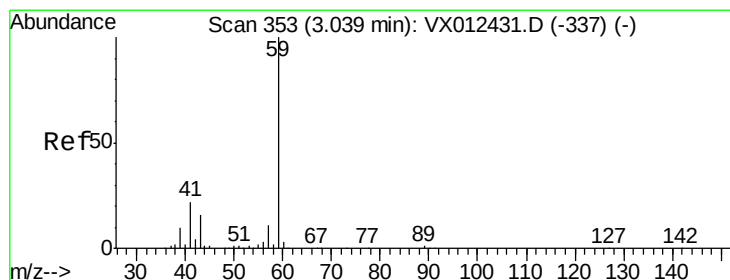
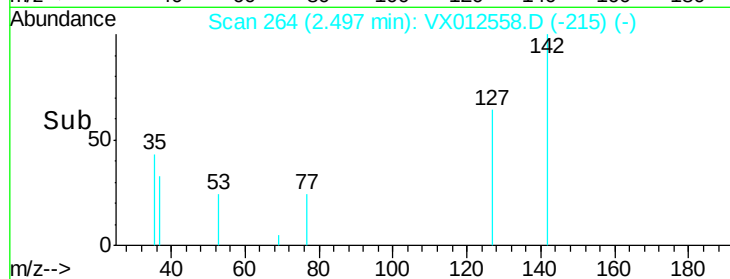
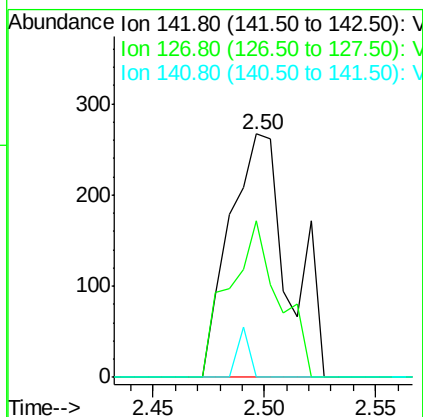
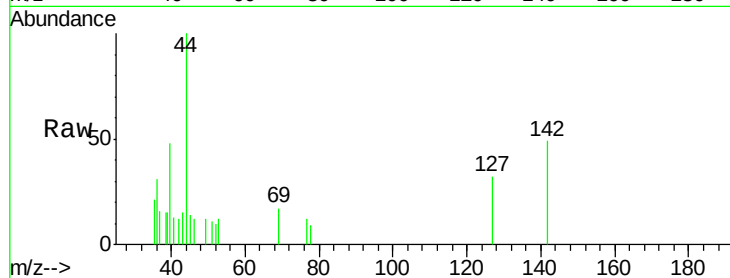




#10
Methvl Iodide
Concen: 4.820 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX012558.D
Acq: 20 Sep 2019 15:35

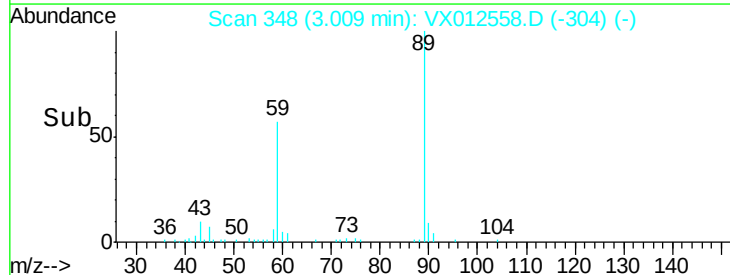
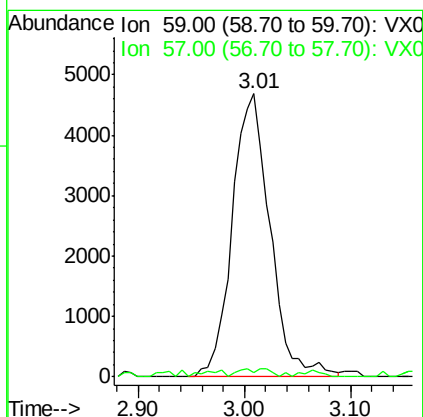
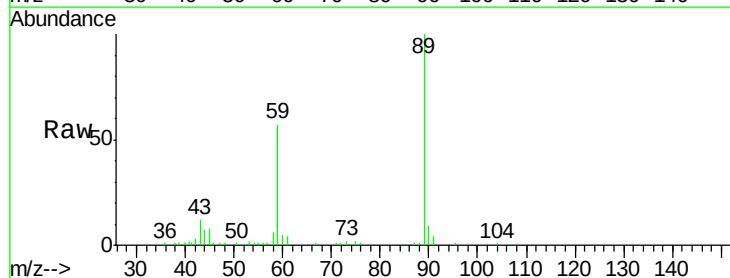
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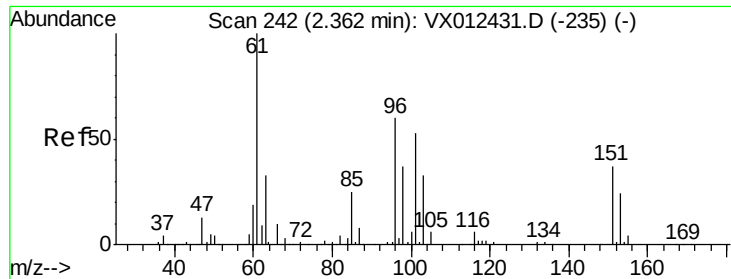
Tot Ion:142 Resp: 490
Ion Ratio Lower Upper
142 100
127 54.7 40.8 61.2
141 4.1 12.1 18.1#



#11
Tert butyl alcohol
Concen: 12.801 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.03 min
Lab File: VX012558.D
Acq: 20 Sep 2019 15:35

Tgt Ion: 59 Resp: 11675
Ion Ratio Lower Upper
59 100
57 1.2 8.3 12.5#

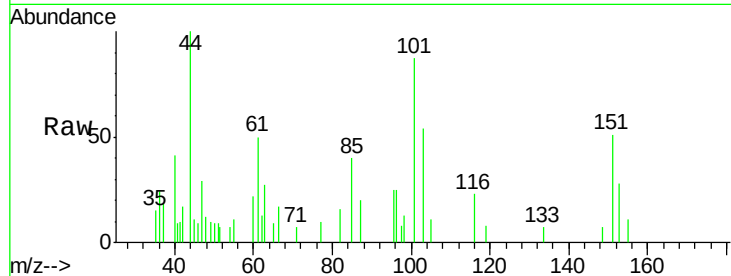




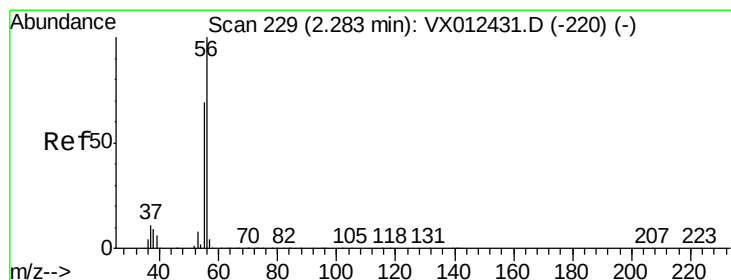
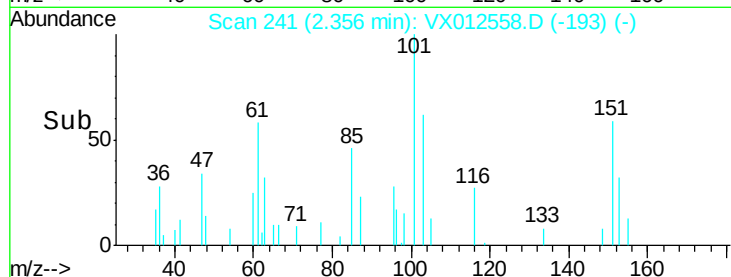
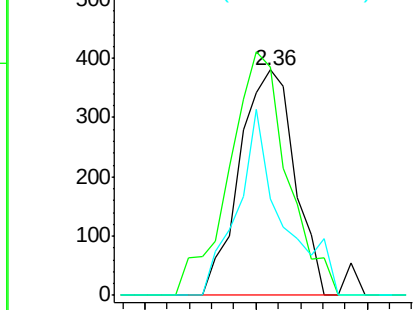
#12
 1,1-Dichloroethene
 Concen: 0.595 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. -0.01 min
 Lab File: VX012558.D
 Acq: 20 Sep 2019 15:35

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911DL

Tot Ion: 96 Resp: 654
 Ion Ratio Lower Upper
 96 100
 61 101.6 133.8 200.6#
 98 42.9 49.9 74.9#

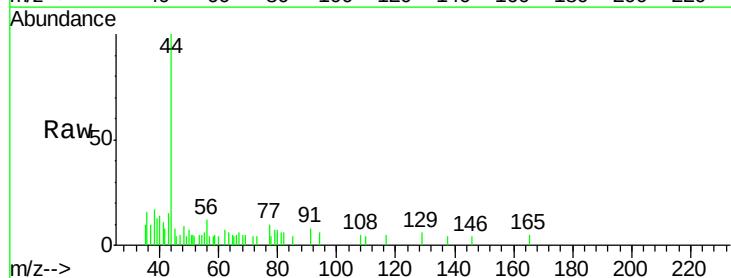


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

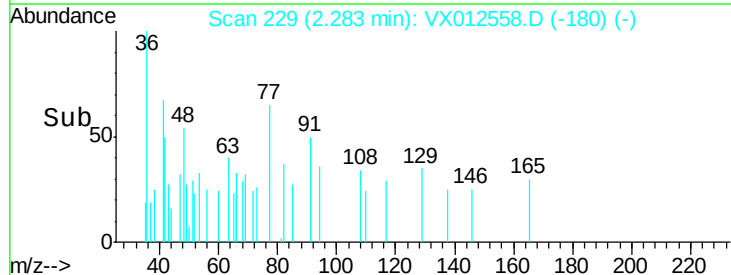
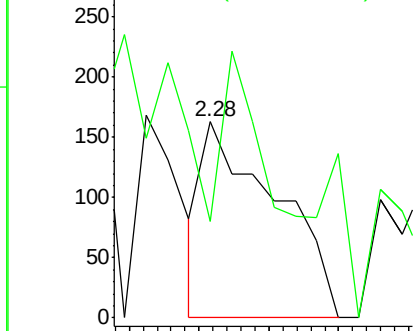


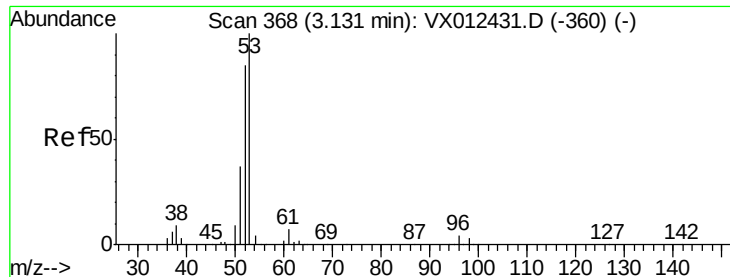
#13
 Acrolein
 Concen: Below Cal
 RT: 2.28 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VX012558.D
 Acq: 20 Sep 2019 15:35

Tgt Ion: 56 Resp: 241
 Ion Ratio Lower Upper
 56 100
 55 118.7 55.8 83.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.293 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.01 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911DL

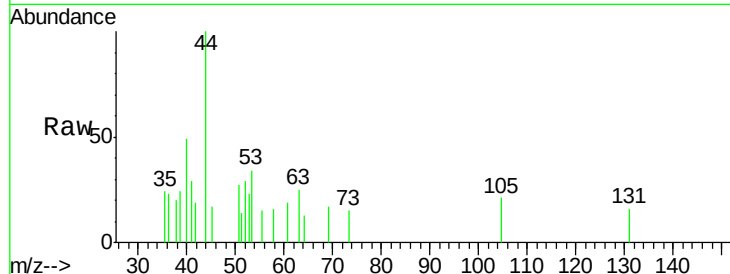
Tot Ion: 53 Resp: 318

Ion Ratio Lower Upper

53 100

52 139.3 67.0 100.4#

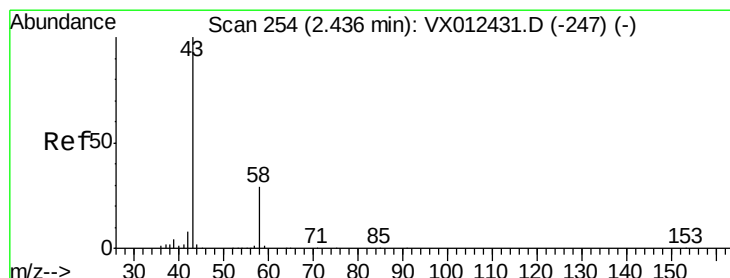
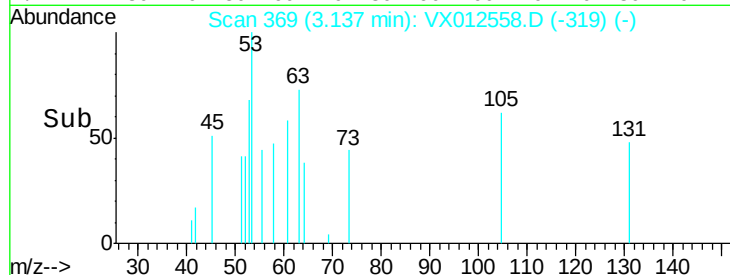
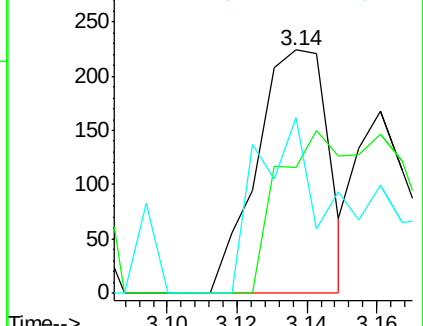
51 71.7 29.6 44.4#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: Below Cal

RT: 2.44 min Scan# 255

Delta R.T. 0.01 min

Lab File: VX012558.D

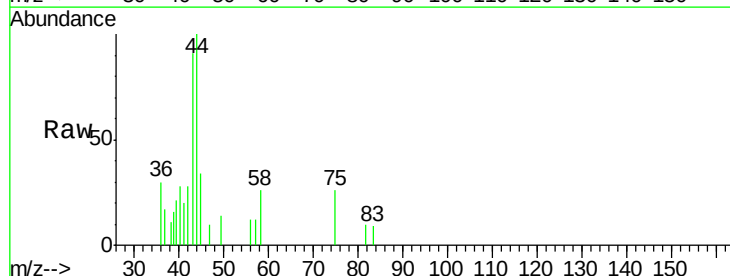
Acq: 20 Sep 2019 15:35

Tgt Ion: 43 Resp: 1056

Ion Ratio Lower Upper

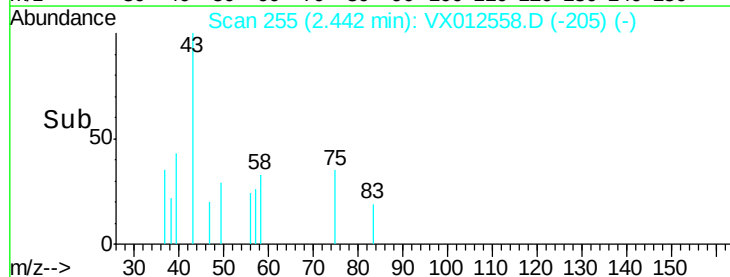
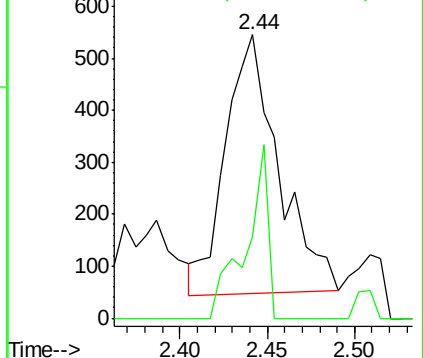
43 100

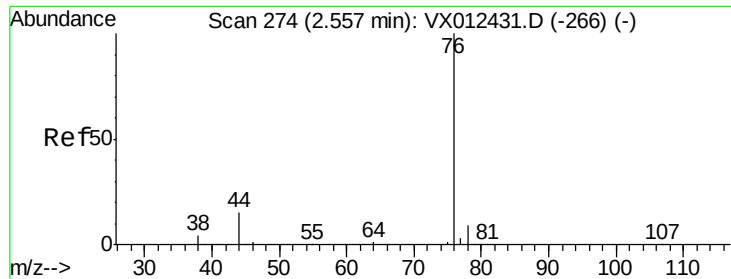
58 31.9 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 2.066 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

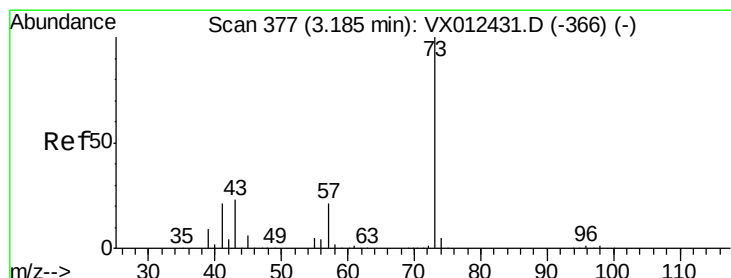
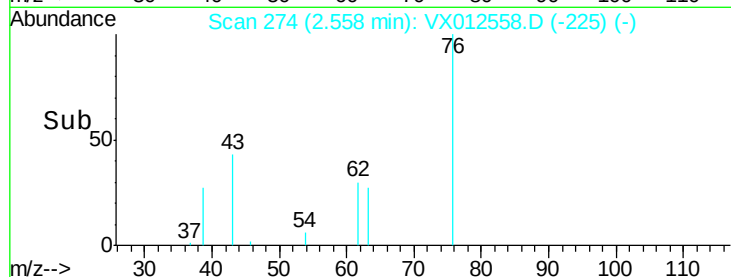
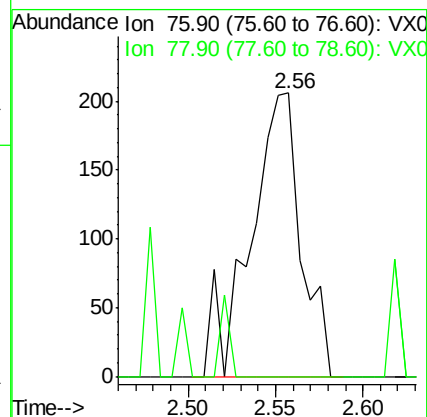
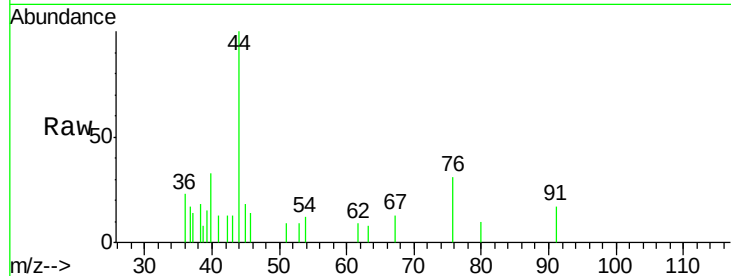
RE132D1-20190911DL

Tot Ion: 76 Resp: 418

Ion Ratio Lower Upper

76 100

78 0.0 7.3 10.9#



#19

Methyl tert-butyl Ether

Concen: 0.335 ug/l

RT: 3.19 min Scan# 378

Delta R.T. 0.01 min

Lab File: VX012558.D

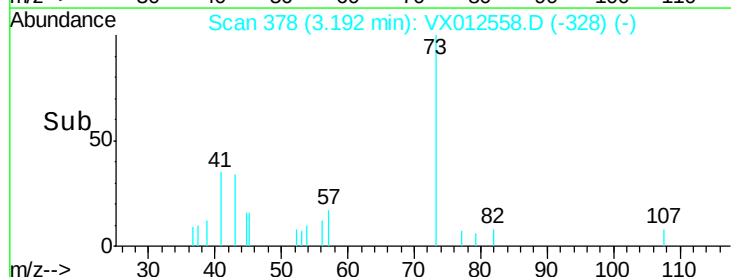
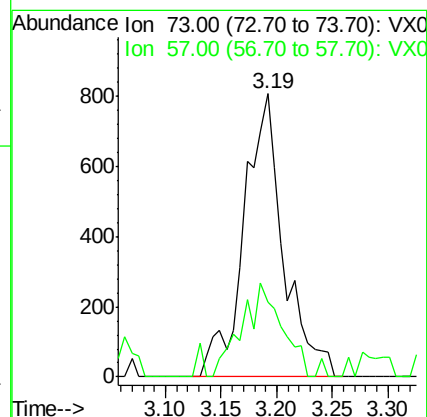
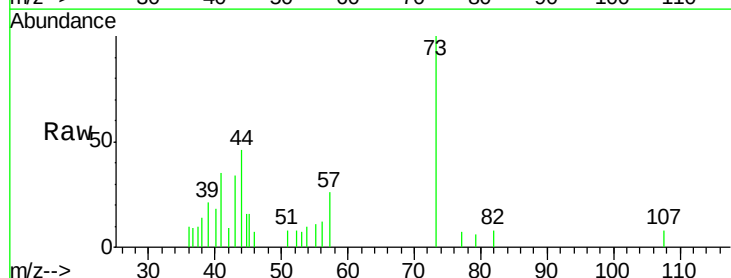
Acq: 20 Sep 2019 15:35

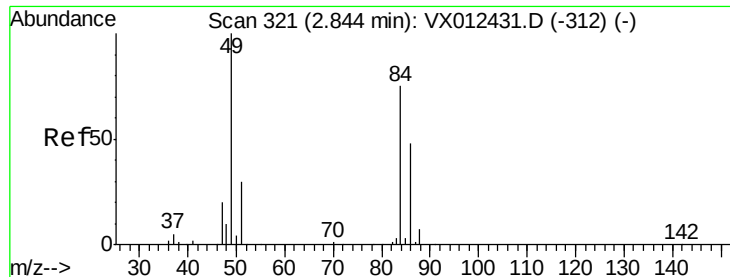
Tgt Ion: 73 Resp: 2009

Ion Ratio Lower Upper

73 100

57 26.3 16.8 25.2#

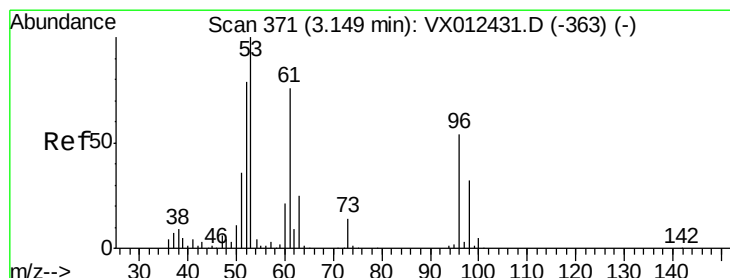
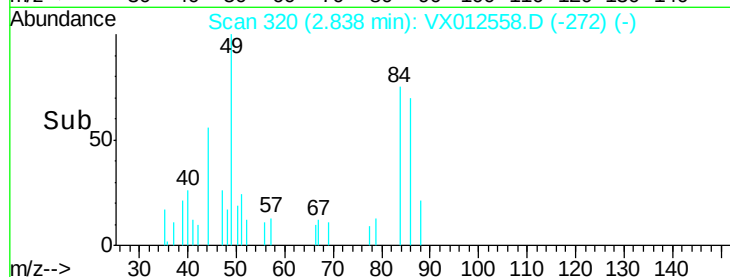
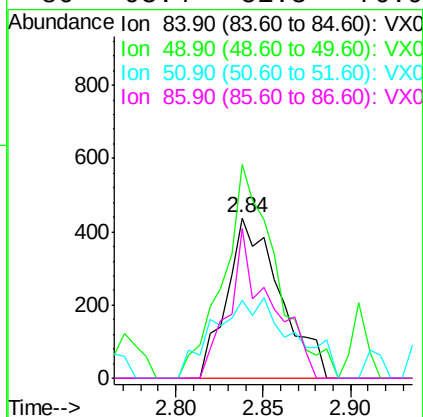
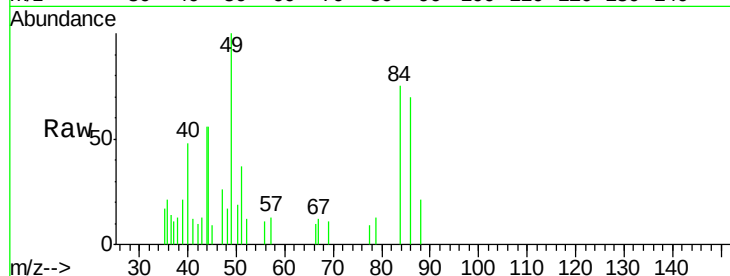




#20
Methylene Chloride
Concen: 0.612 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX012558.D
Acq: 20 Sep 2019 15:35

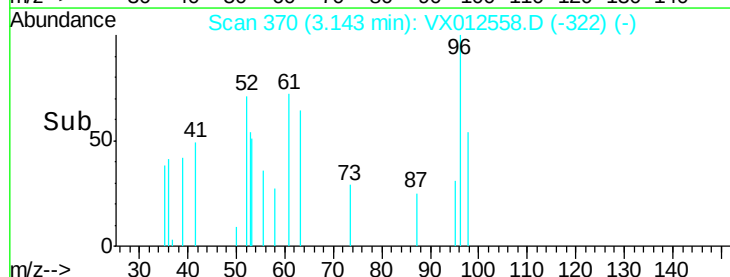
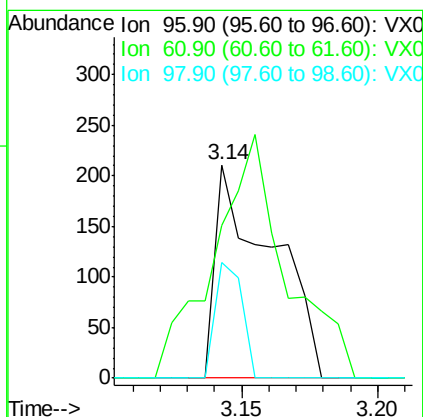
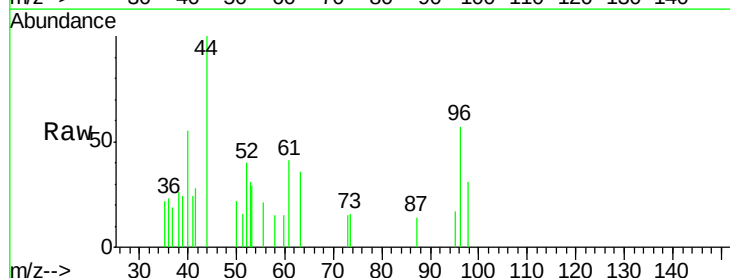
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

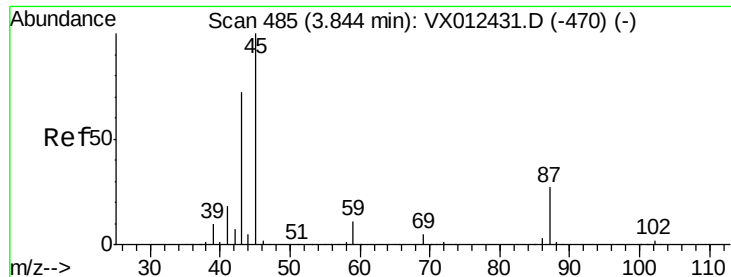
Tot Ion:	84	Resp:	928
Ion	Ratio	Lower	Upper
84	100		
49	118.5	106.8	160.2
51	48.6	32.3	48.5#
86	93.4	51.3	76.9#



#21
trans-1,2-Dichloroethene
Concen: 0.265 ug/l
RT: 3.14 min Scan# 370
Delta R.T. -0.01 min
Lab File: VX012558.D
Acq: 20 Sep 2019 15:35

Tgt Ion:	96	Resp:	302
Ion	Ratio	Lower	Upper
96	100		
61	46.0	112.0	168.0#
98	54.0	47.8	71.8





#22

Diisopropyl ether

Concen: 0.252 ug/l

RT: 3.86 min Scan# 487

Delta R.T. 0.01 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911DL

Tot Ion: 45 Resp: 1511

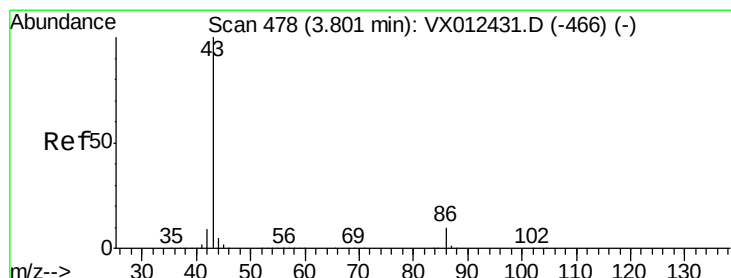
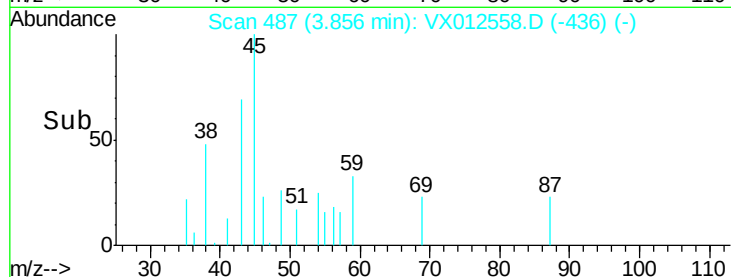
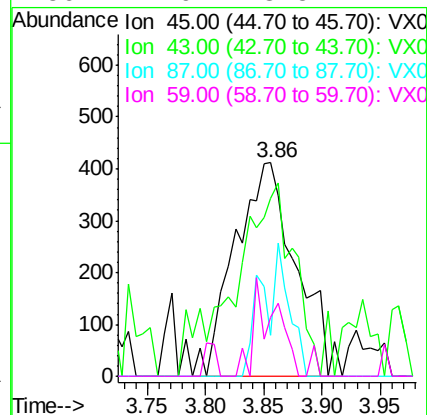
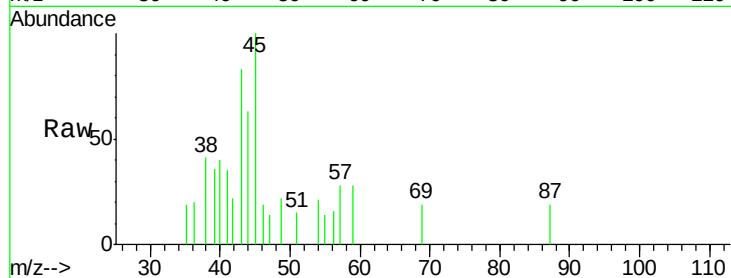
Ion Ratio Lower Upper

45 100

43 65.0 57.8 86.8

87 19.4 21.3 31.9#

59 27.9 8.5 12.7#



#23

Vinyl Acetate

Concen: 0.271 ug/l

RT: 3.86 min Scan# 488

Delta R.T. 0.06 min

Lab File: VX012558.D

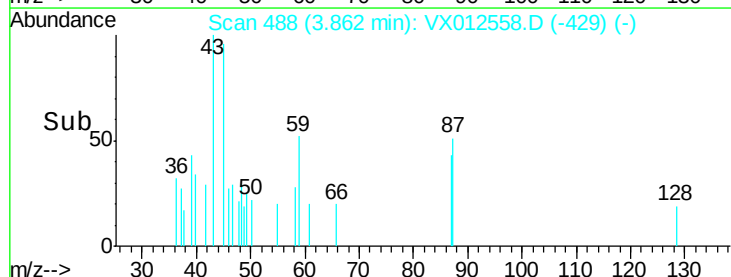
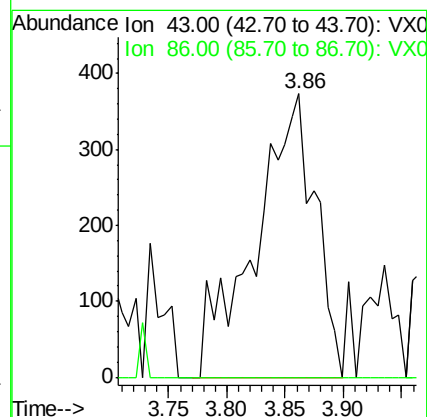
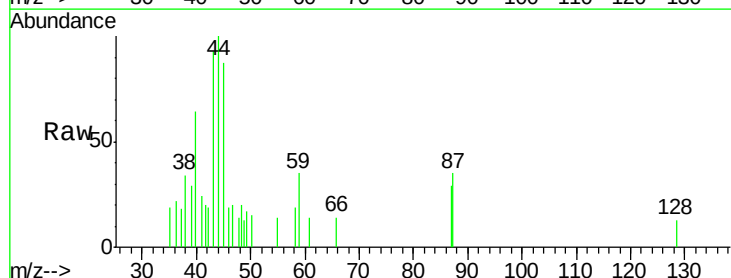
Acq: 20 Sep 2019 15:35

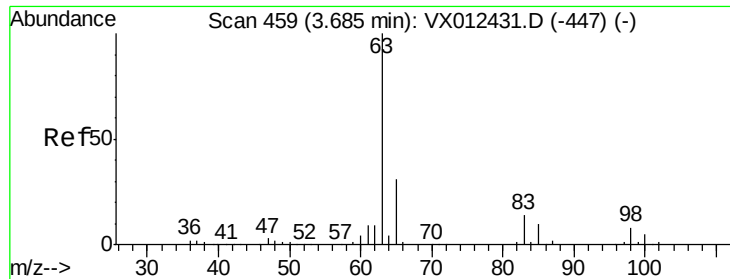
Tgt Ion: 43 Resp: 1335

Ion Ratio Lower Upper

43 100

86 0.0 7.8 11.8#

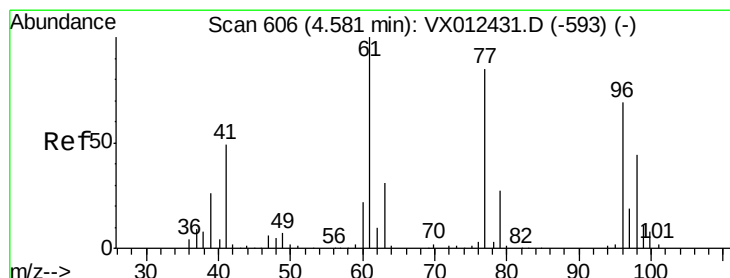
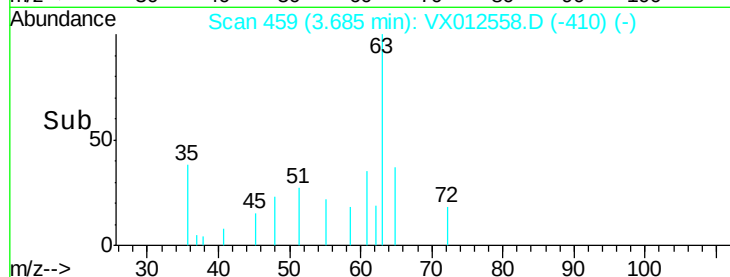
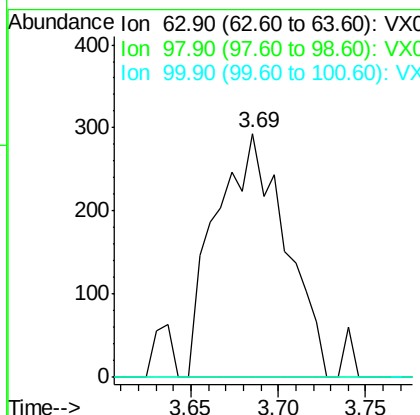
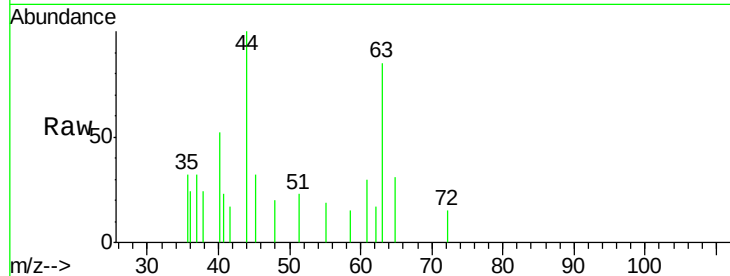




#24
 1,1-Dichloroethane
 Concen: 0.283 ug/l
 RT: 3.69 min Scan# 459
 Delta R.T. 0.00 min
 Lab File: VX012558.D
 Acq: 20 Sep 2019 15:35

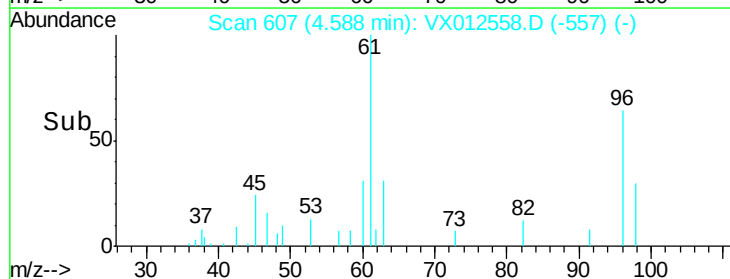
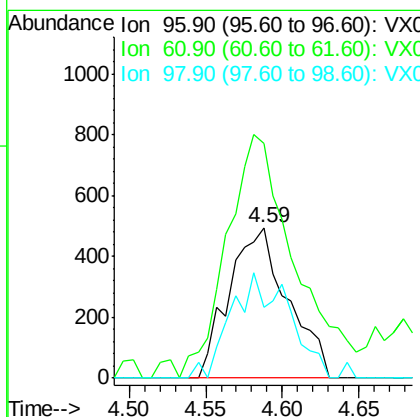
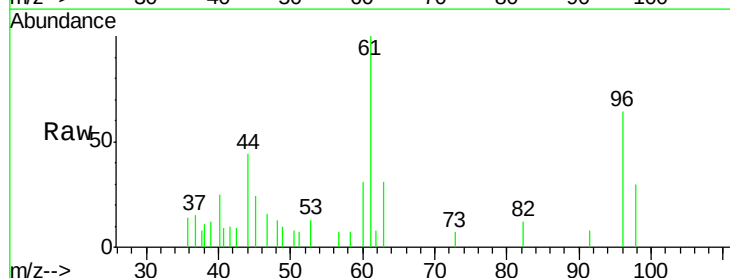
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911DL

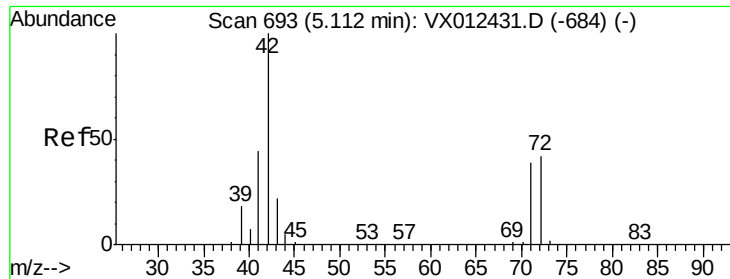
Tot Ion: 63 Resp: 812
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.3 6.9#



#27
 cis-1,2-Dichloroethene
 Concen: 0.772 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012558.D
 Acq: 20 Sep 2019 15:35

Tgt Ion: 96 Resp: 1317
 Ion Ratio Lower Upper
 96 100
 61 187.5 0.0 319.4
 98 68.5 0.0 130.6





#29

Tetrahydrofuran

Concen: 0.482 ug/l

RT: 5.14 min Scan# 697

Delta R.T. 0.02 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911DL

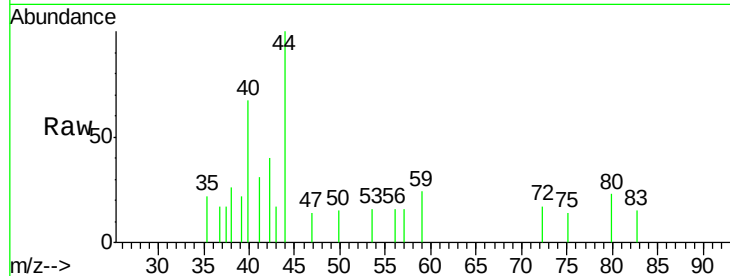
Tot Ion: 42 Resp: 463

Ion Ratio Lower Upper

42 100

72 10.6 34.0 51.0#

71 4.8 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

5.14

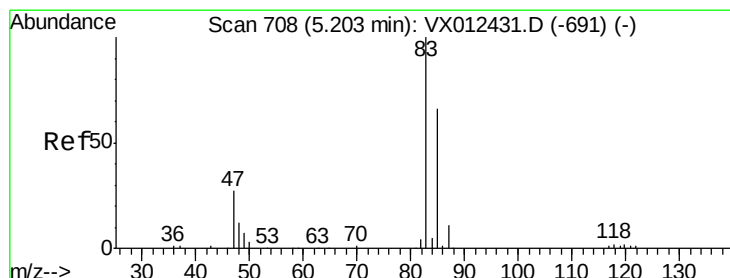
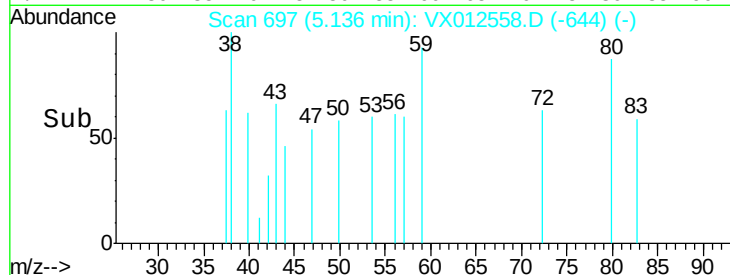
150

100

50

0

Time-->



#30

Chloroform

Concen: 0.645 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX012558.D

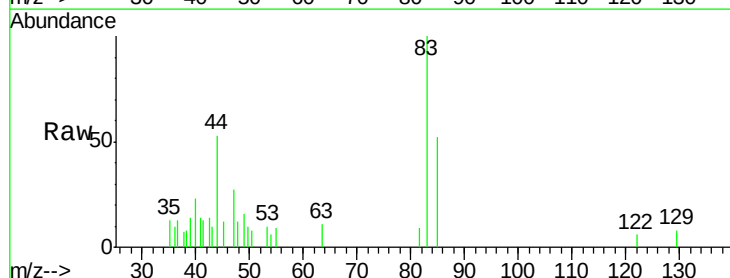
Acq: 20 Sep 2019 15:35

Tgt Ion: 83 Resp: 2124

Ion Ratio Lower Upper

83 100

85 52.1 53.0 79.4#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

800

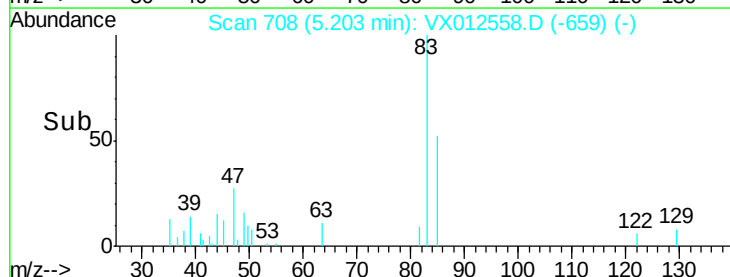
600

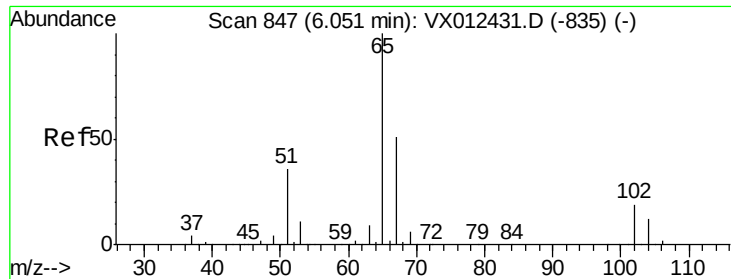
400

200

0

Time-->

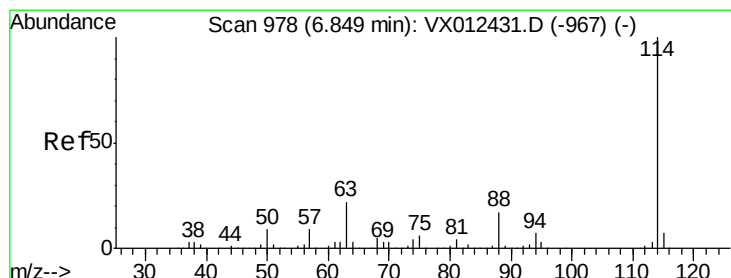
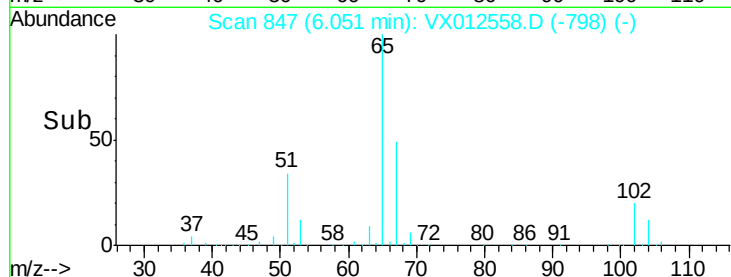
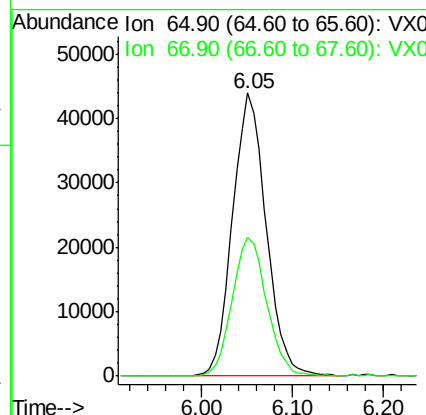
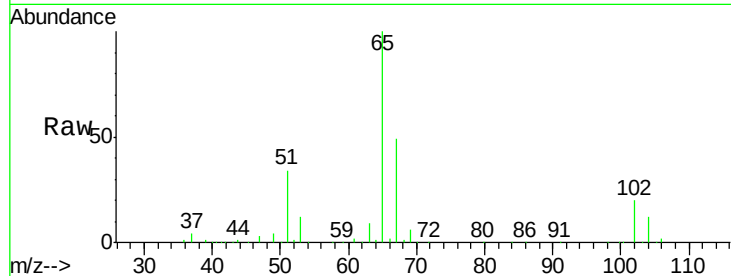




#33
 1,2-Dichloroethane-d4
 Concen: 45.120 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012558.D
 Acq: 20 Sep 2019 15:35

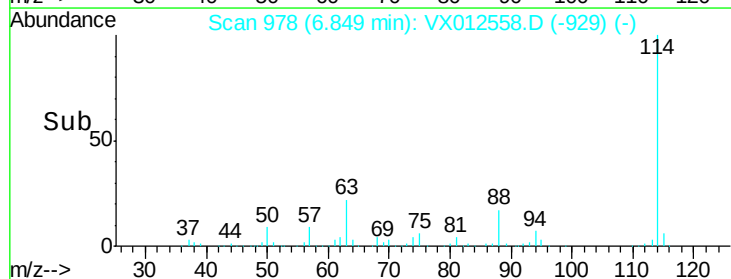
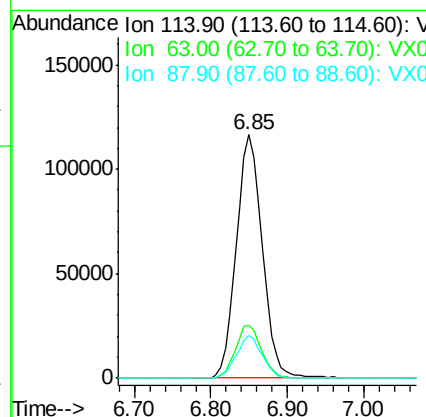
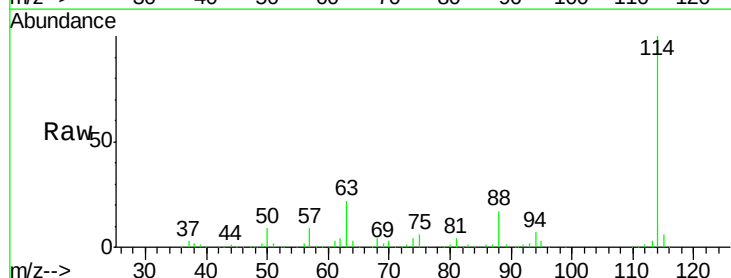
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911DL

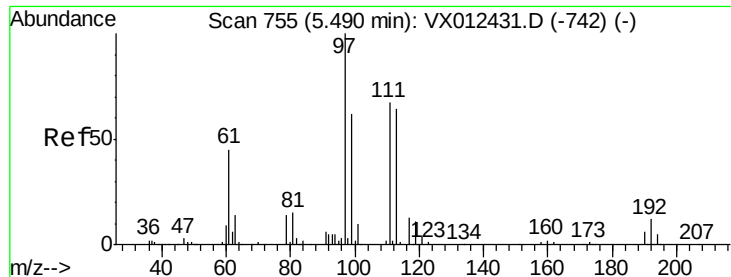
Tot Ion: 65 Resp: 113062
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012558.D
 Acq: 20 Sep 2019 15:35

Tgt Ion: 114 Resp: 273723
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 43.2
 88 17.5 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.254 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911DL

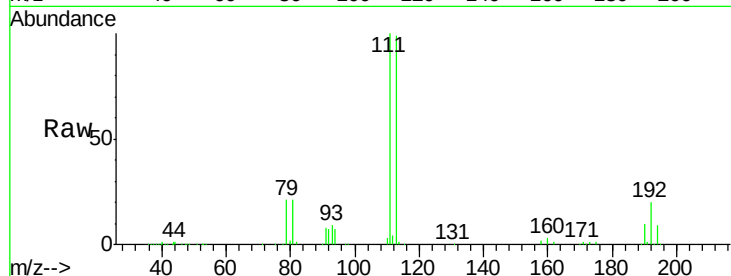
Tot Ion:113 Resp: 79944

Ion Ratio Lower Upper

113 100

111 101.8 83.4 125.2

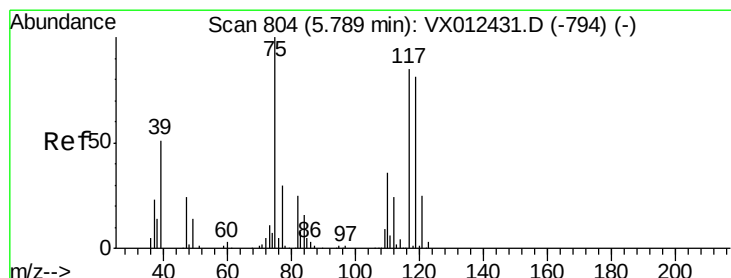
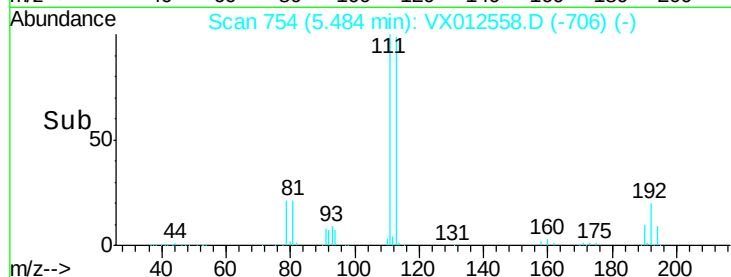
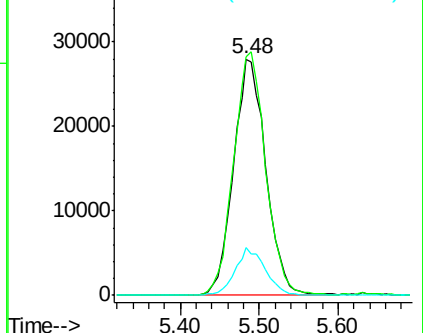
192 18.7 14.4 21.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 8.621 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

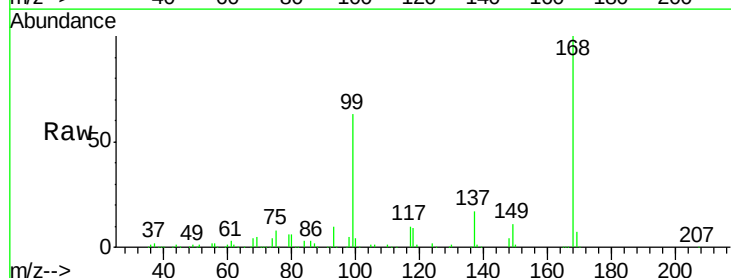
Tgt Ion: 75 Resp: 14341

Ion Ratio Lower Upper

75 100

110 12.7 16.7 50.0#

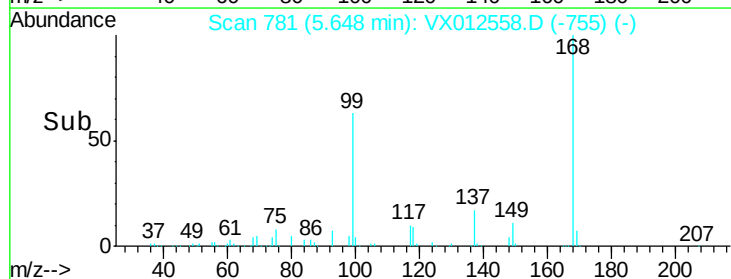
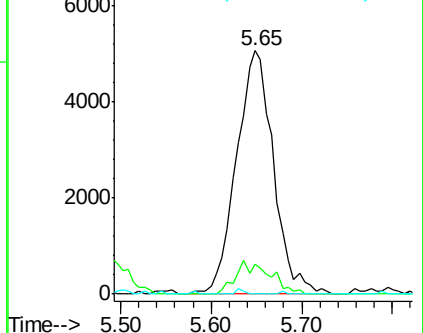
77 0.4 24.2 36.2#

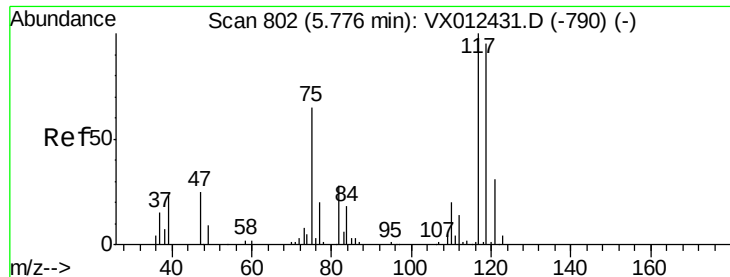


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 9.201 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.12 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911DL

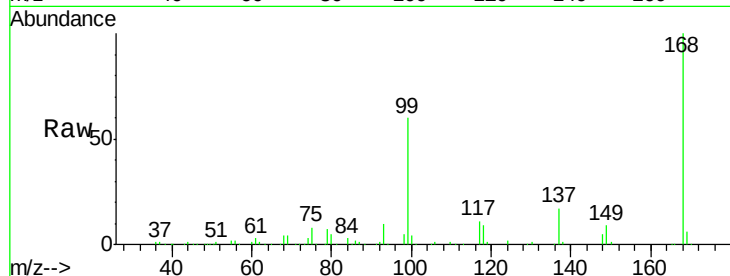
Tot Ion:117 Resp: 19037

Ion Ratio Lower Upper

117 100

119 6.6 75.7 113.5#

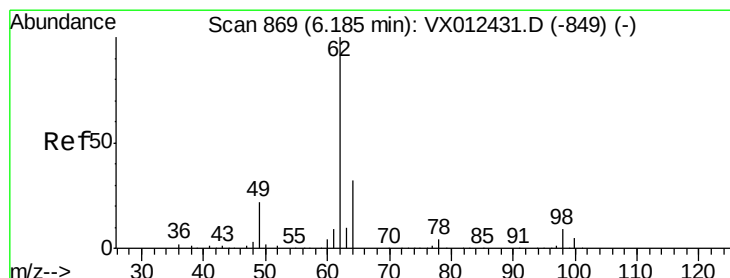
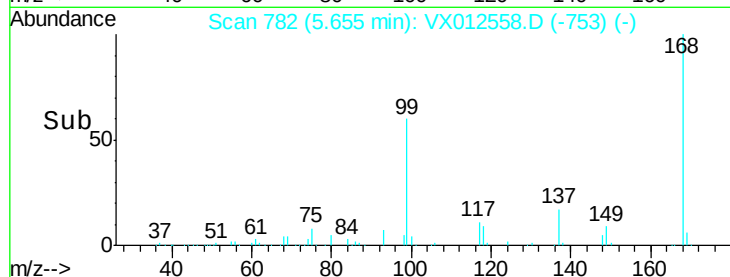
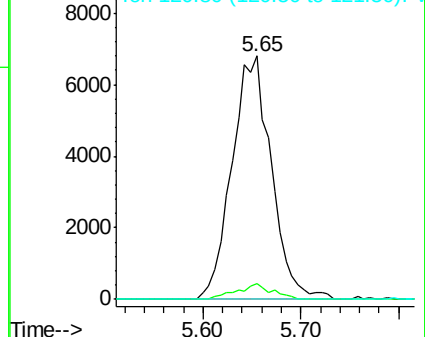
121 0.0 24.2 36.4#



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



#42

1,2-Dichloroethane

Concen: 0.245 ug/l

RT: 6.19 min Scan# 870

Delta R.T. 0.01 min

Lab File: VX012558.D

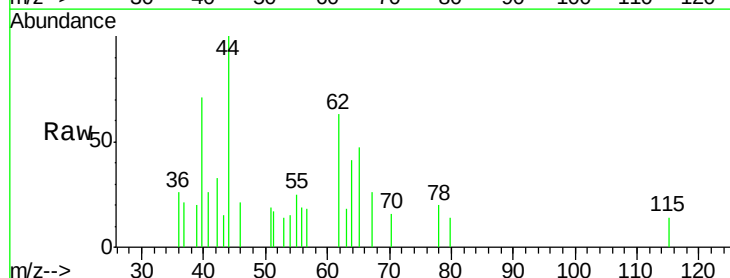
Acq: 20 Sep 2019 15:35

Tgt Ion: 62 Resp: 600

Ion Ratio Lower Upper

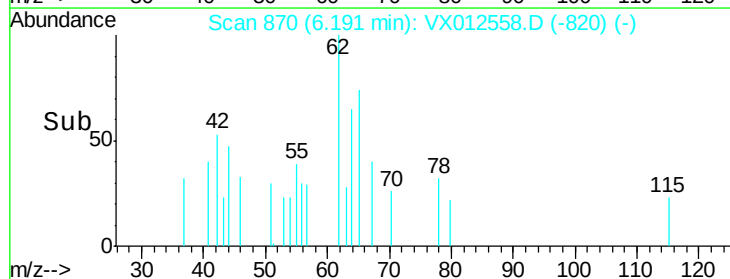
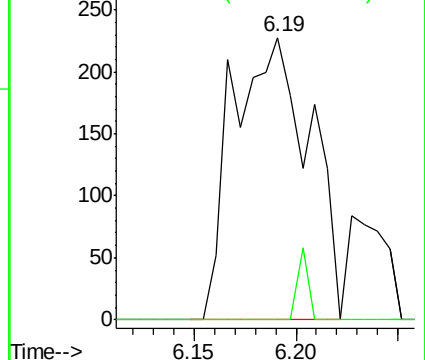
62 100

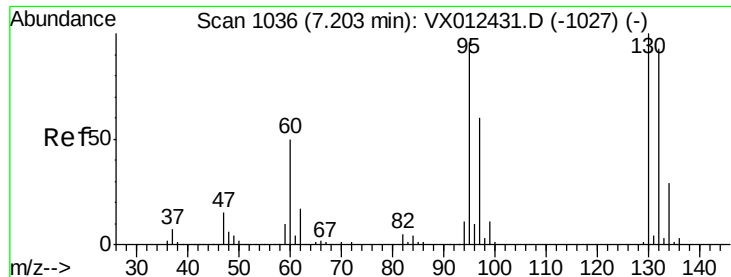
98 3.5 0.0 17.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#44

Trichloroethene

Concen: 33.930 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

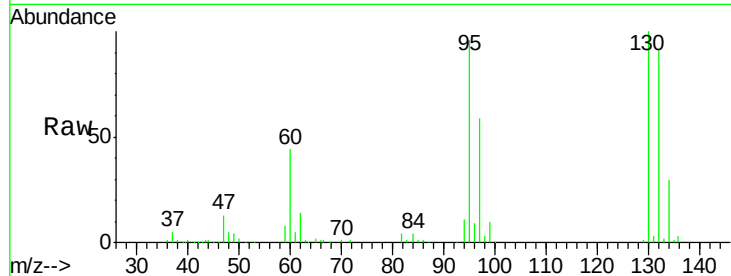
RE132D1-20190911DL

Tot Ion:130 Resp: 47216

Ion Ratio Lower Upper

130 100

95 95.9 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

25000

20000

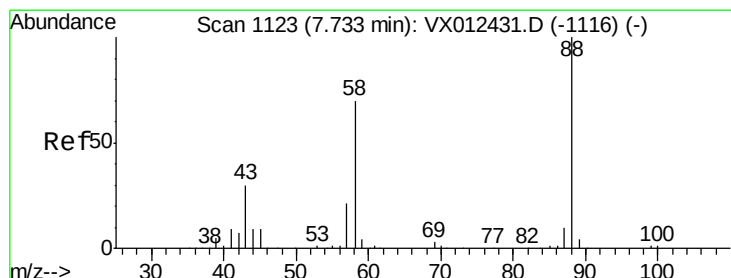
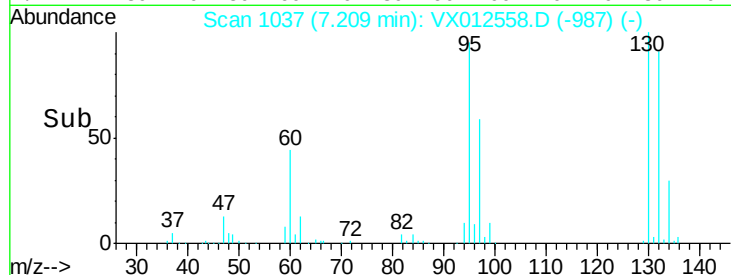
15000

10000

5000

0

Time-->



#49

1,4-Dioxane

Concen: 2.434 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.02 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

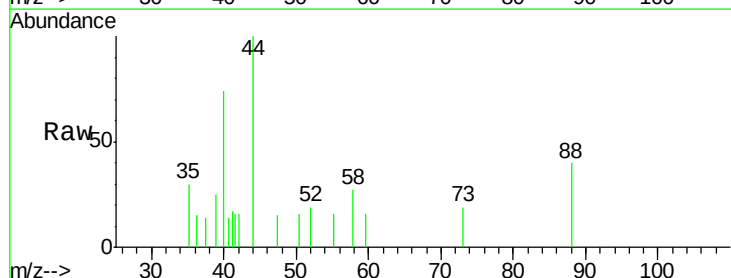
Tgt Ion: 88 Resp: 128

Ion Ratio Lower Upper

88 100

43 90.6 29.4 44.0#

58 142.2 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

250

200

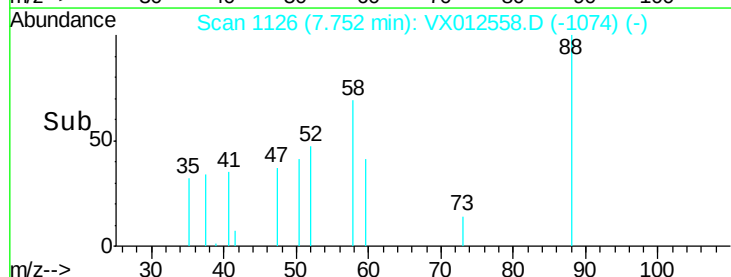
150

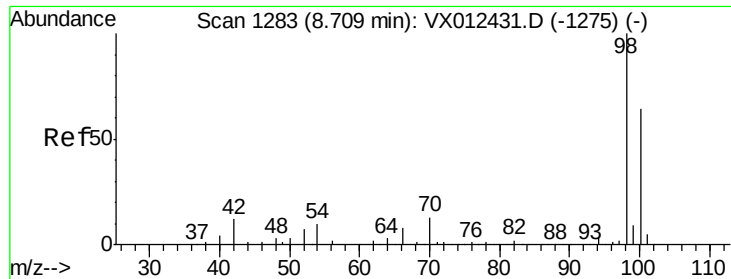
100

50

0

Time-->





#50

Toluene-d8

Concen: 51.661 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

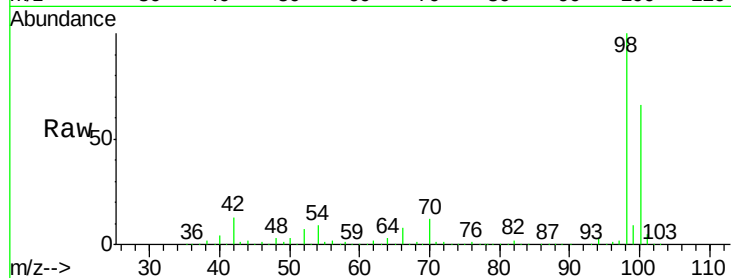
RE132D1-20190911DL

Tot Ion: 98 Resp: 316801

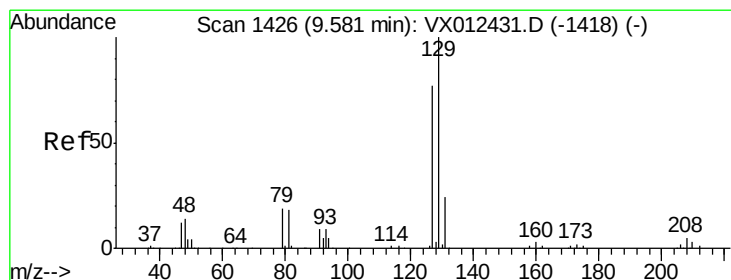
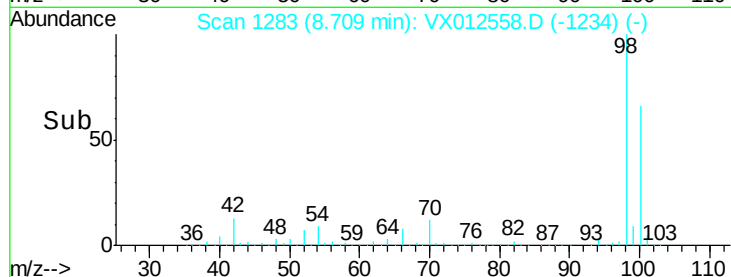
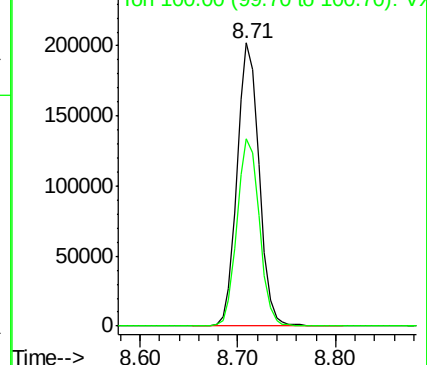
Ion Ratio Lower Upper

98 100

100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX012431.D (-1275) (-)



#60

Dibromochloromethane

Concen: 0.991 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.25 min

Lab File: VX012558.D

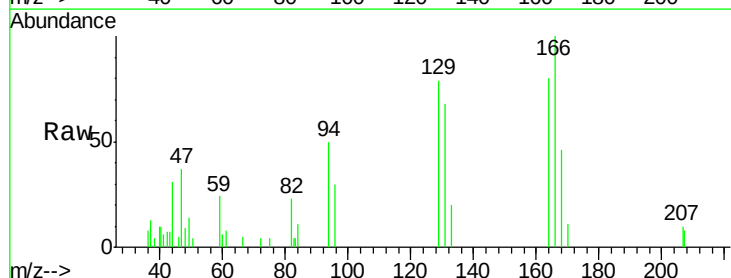
Acq: 20 Sep 2019 15:35

Tgt Ion: 129 Resp: 1773

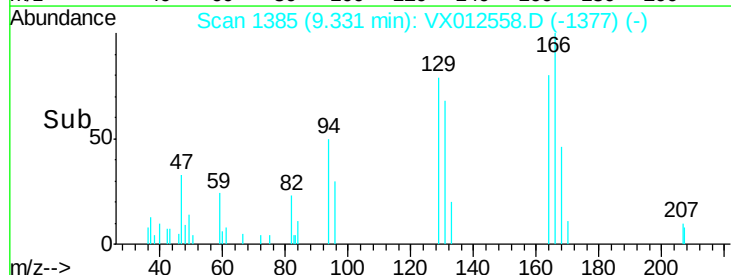
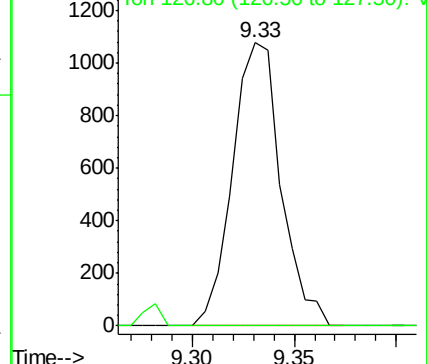
Ion Ratio Lower Upper

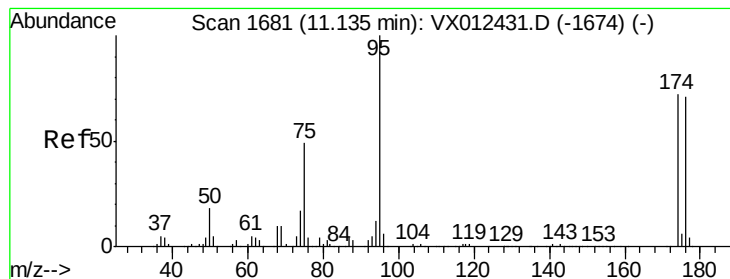
129 100

127 0.0 38.9 116.6#



Abundance Ion 128.80 (128.50 to 129.50): VX012431.D (-1418) (-)





#62

4-Bromofluorobenzene

Concen: 44.756 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911DL

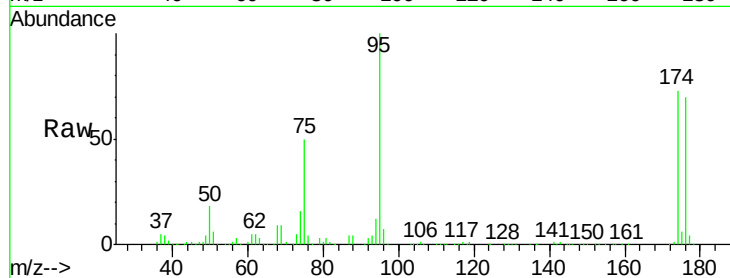
Tot Ion: 95 Resp: 113957

Ion Ratio Lower Upper

95 100

174 72.2 0.0 140.0

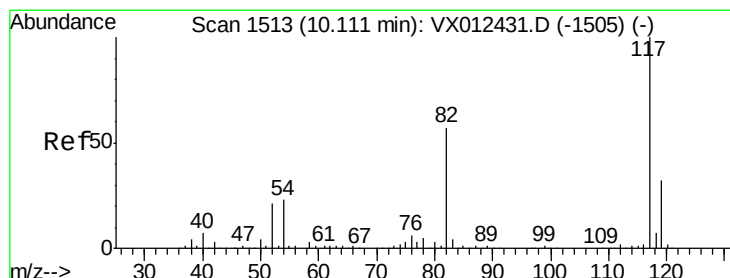
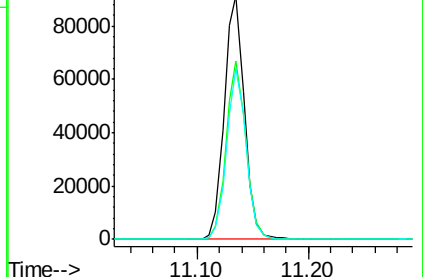
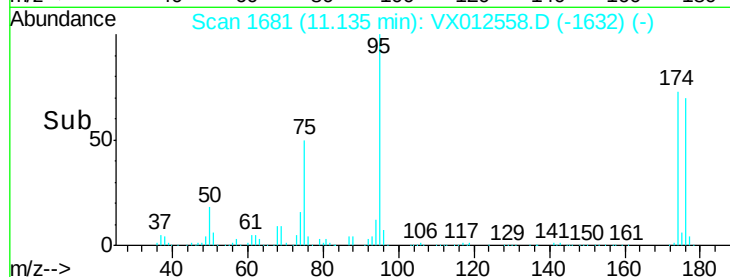
176 68.1 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012558.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012558.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012558.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

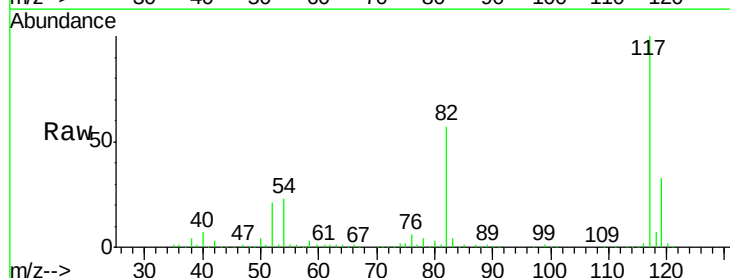
Tgt Ion: 117 Resp: 230133

Ion Ratio Lower Upper

117 100

82 57.1 45.9 68.9

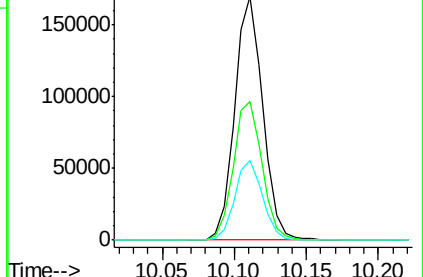
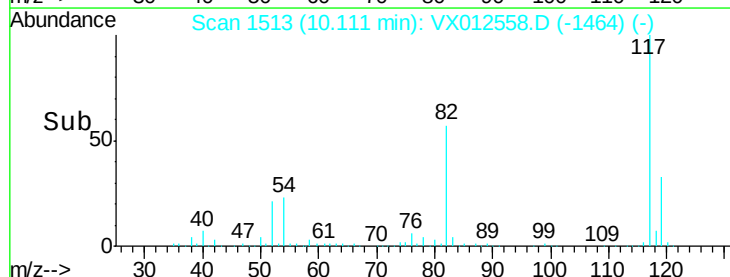
119 32.7 25.3 37.9

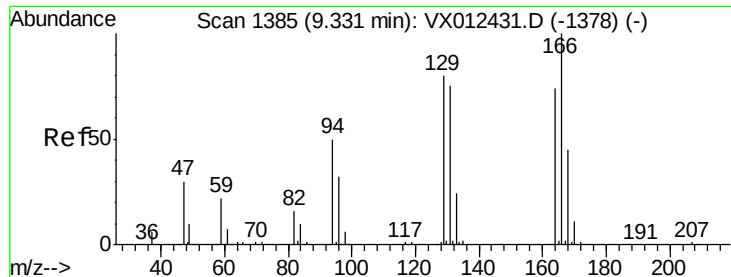


Abundance Ion 116.90 (116.60 to 117.60): VX012558.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012558.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012558.D (-1464) (-)

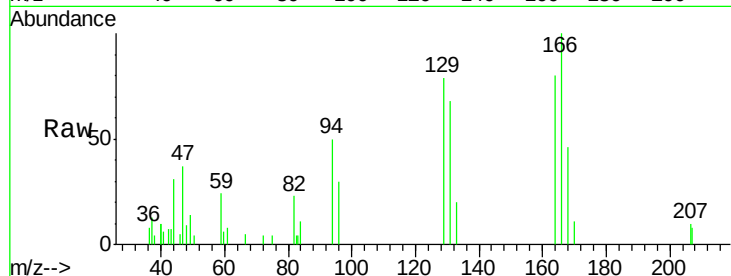




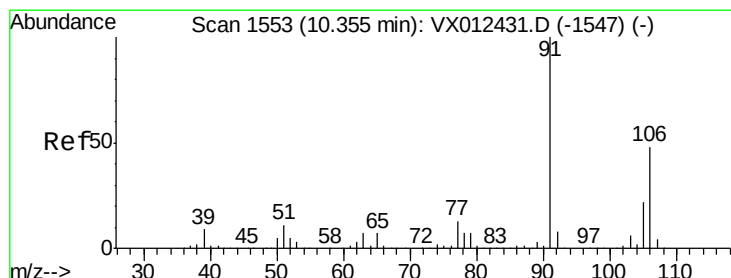
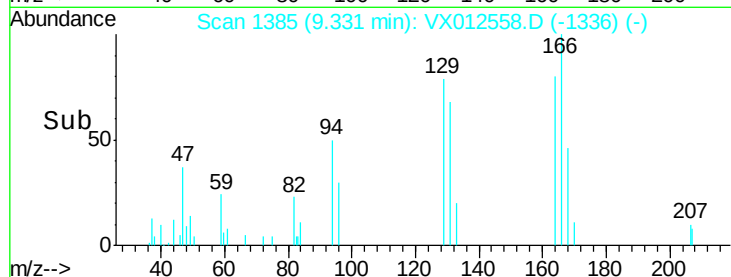
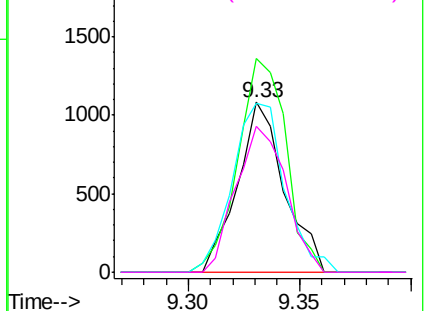
#64
Tetrachloroethene
Concen: 1.505 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012558.D
Acq: 20 Sep 2019 15:35

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20190911DL

Tot Ion:164 Resp: 1587
Ion Ratio Lower Upper
164 100
166 125.6 107.8 161.6
129 99.4 86.2 129.2
131 85.4 80.4 120.6

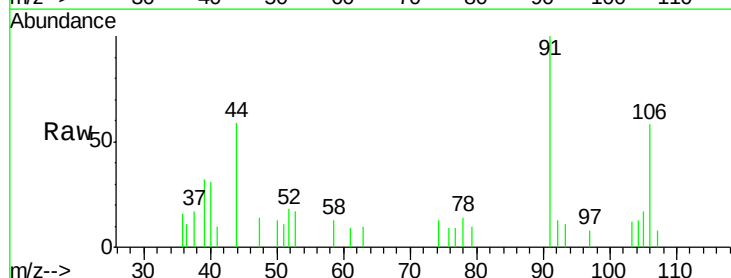


Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

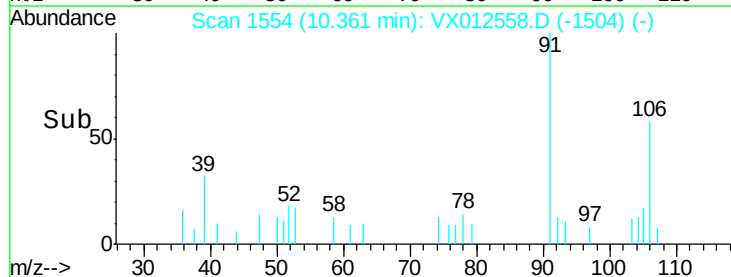
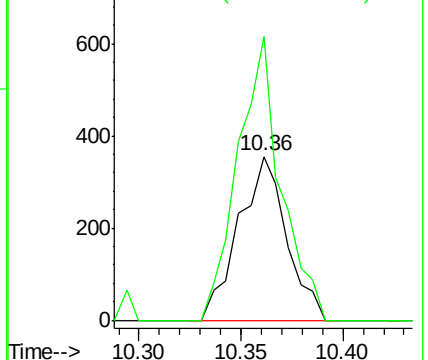


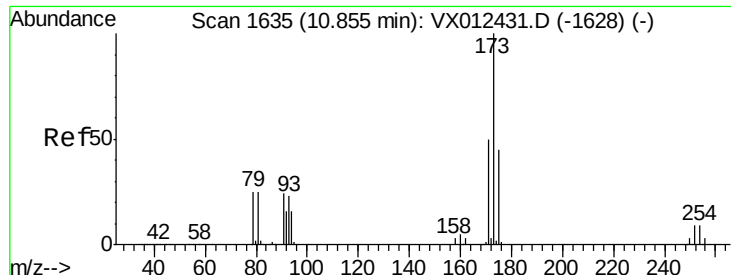
#68
m/p-Xylenes
Concen: 0.243 ug/l
RT: 10.36 min Scan# 1554
Delta R.T. 0.01 min
Lab File: VX012558.D
Acq: 20 Sep 2019 15:35

Tgt Ion:106 Resp: 577
Ion Ratio Lower Upper
106 100
91 157.2 166.6 250.0#



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





#71

Bromoform

Concen: 2.889 ug/l

RT: 10.84 min Scan# 1632

Delta R.T. -0.02 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911DL

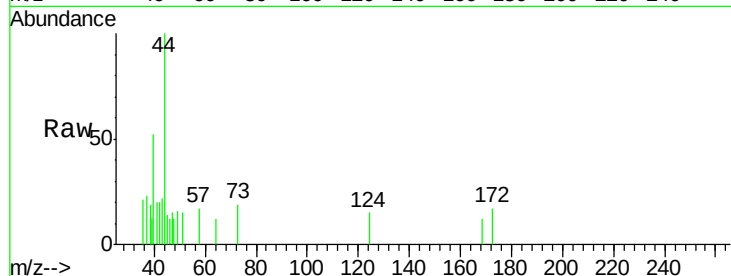
Tot Ion:173 Resp: 28

Ion Ratio Lower Upper

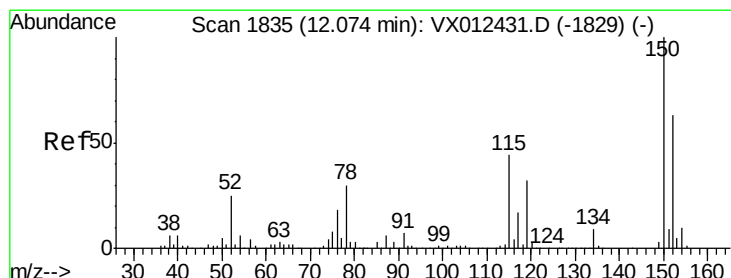
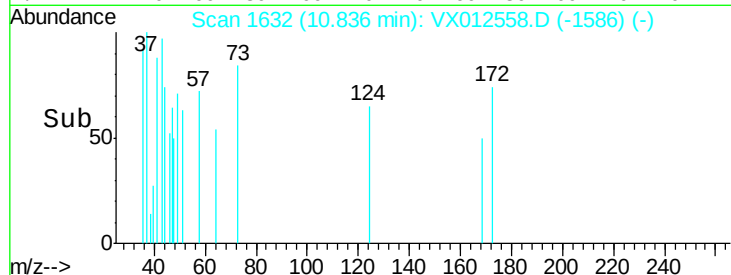
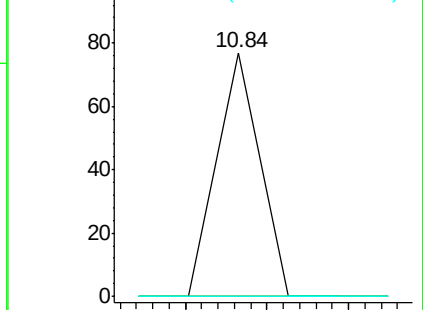
173 100

175 0.0 23.7 71.1#

254 0.0 0.1 0.1#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

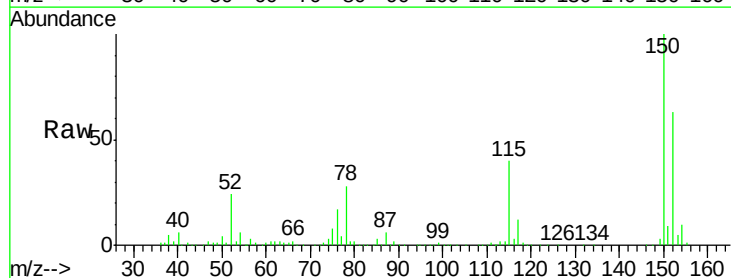
Tgt Ion:152 Resp: 87876

Ion Ratio Lower Upper

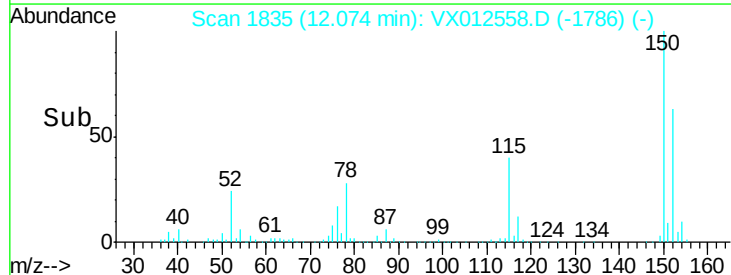
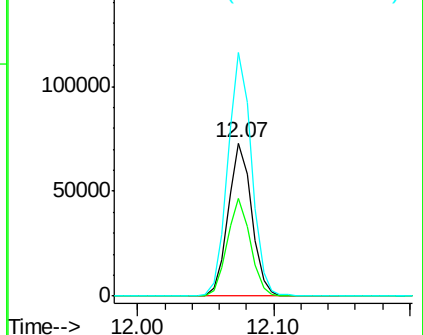
152 100

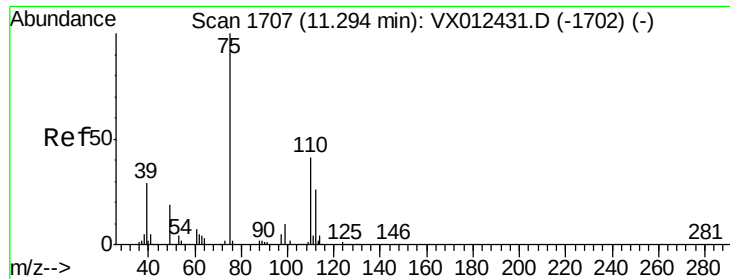
115 62.7 44.1 132.3

150 159.9 0.0 343.8



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

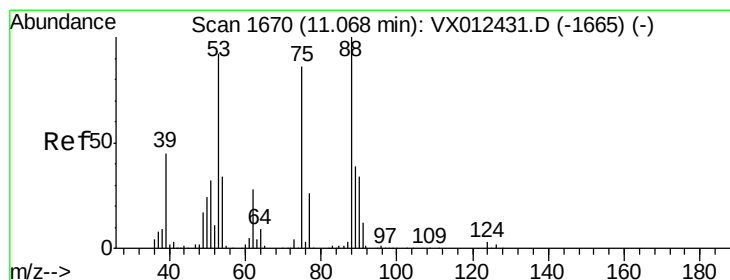
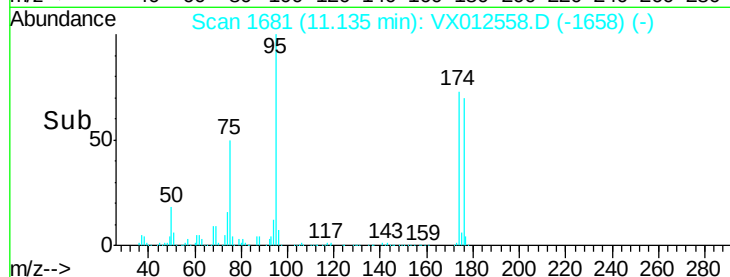
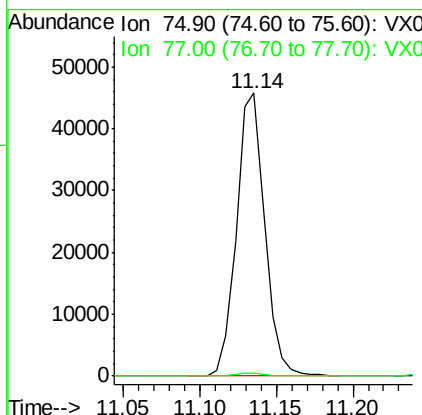
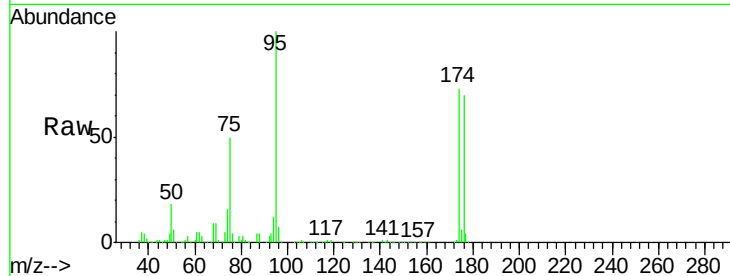




#76
 1,2,3-Trichloropropane
 Concen: 28.945 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX012558.D
 Acq: 20 Sep 2019 15:35

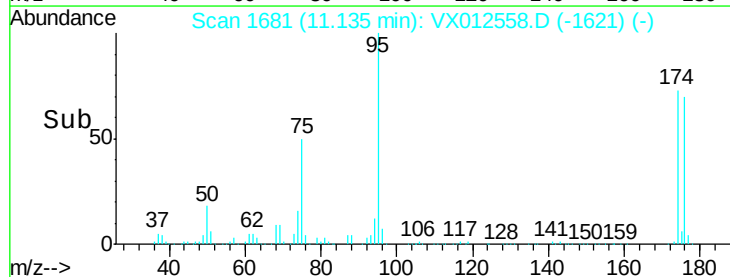
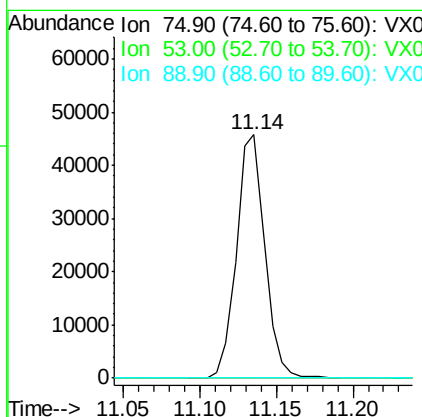
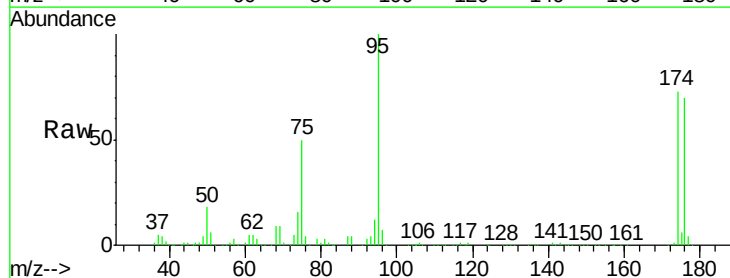
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911DL

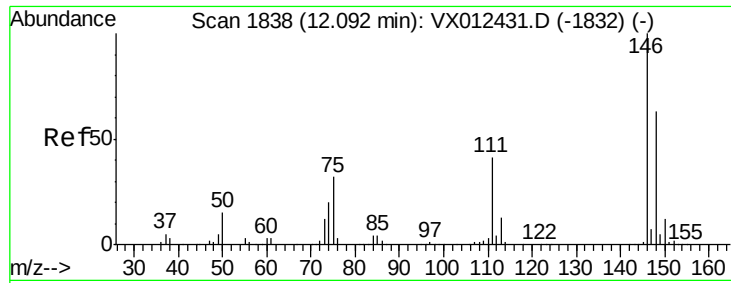
Tot Ion: 75 Resp: 58427
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.7 59.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 77.639 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX012558.D
 Acq: 20 Sep 2019 15:35

Tgt Ion: 75 Resp: 58427
 Ion Ratio Lower Upper
 75 100
 53 0.1 83.6 125.4#
 89 0.2 36.3 54.5#

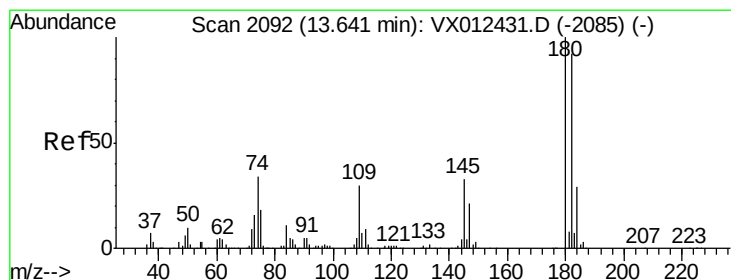
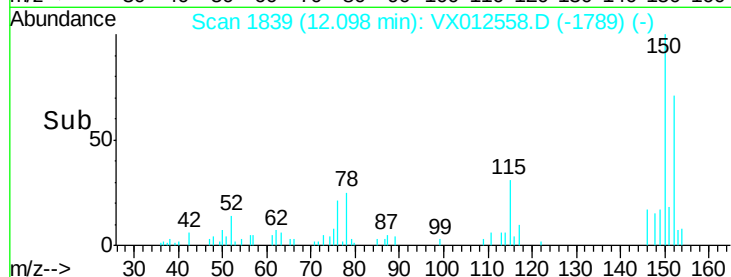
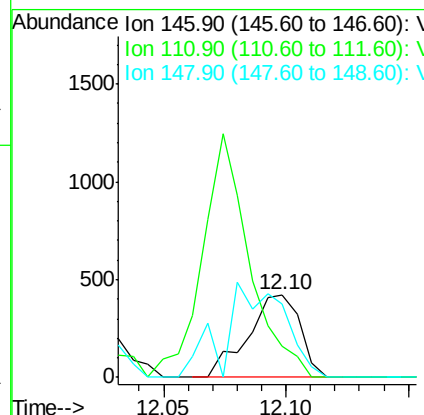
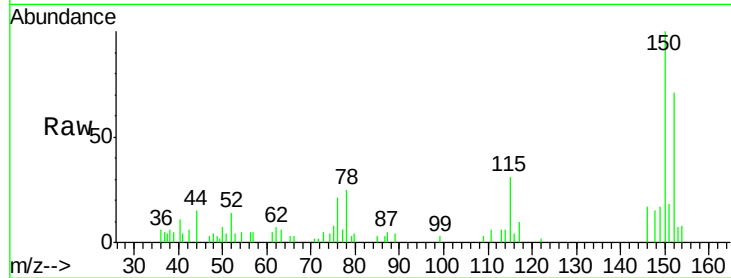




#88
 1,4-Dichlorobenzene
 Concen: 0.244 ug/l
 RT: 12.10 min Scan# 1839
 Delta R.T. 0.01 min
 Lab File: VX012558.D
 Acq: 20 Sep 2019 15:35

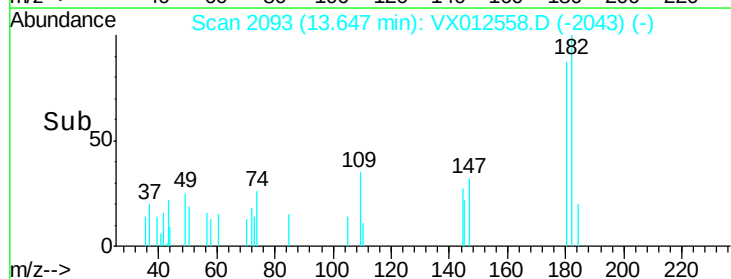
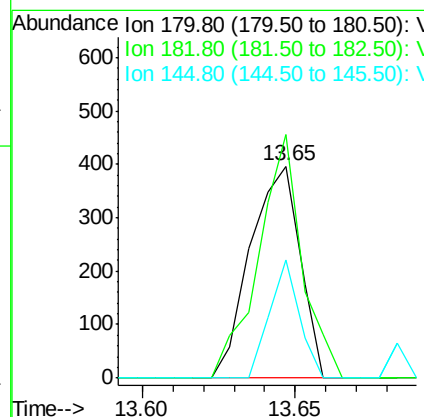
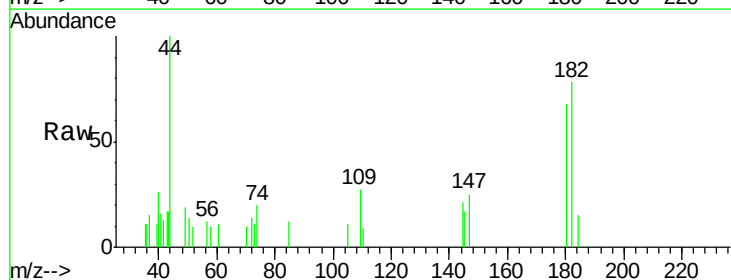
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20190911DL

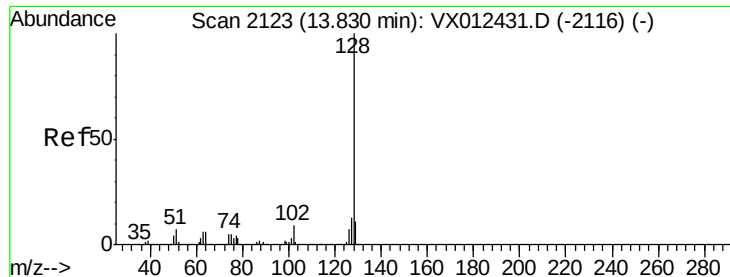
Tot Ion:146 Resp: 633
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.1 63.3#
 148 0.0 32.1 96.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.262 ug/l
 RT: 13.65 min Scan# 2093
 Delta R.T. 0.01 min
 Lab File: VX012558.D
 Acq: 20 Sep 2019 15:35

Tgt Ion:180 Resp: 447
 Ion Ratio Lower Upper
 180 100
 182 100.7 47.0 141.0
 145 33.3 16.8 50.4





#95

Naphthalene

Concen: 0.260 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20190911DL

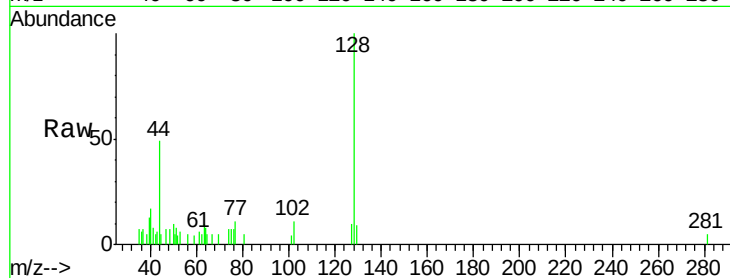
Tot Ion:128 Resp: 1573

Ion Ratio Lower Upper

128 100

127 16.3 10.2 15.4#

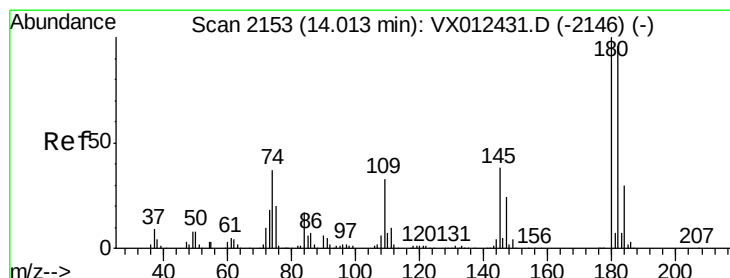
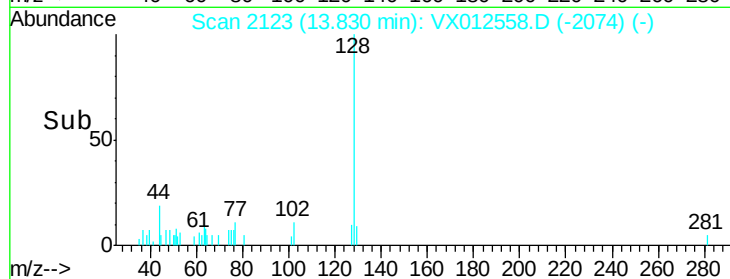
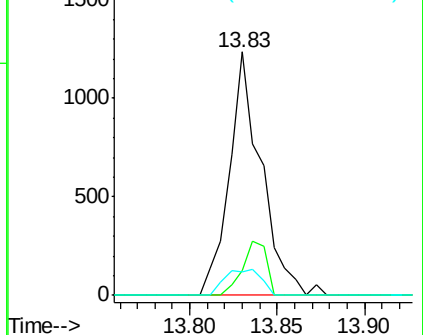
129 12.1 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.290 ug/l

RT: 14.02 min Scan# 2154

Delta R.T. 0.01 min

Lab File: VX012558.D

Acq: 20 Sep 2019 15:35

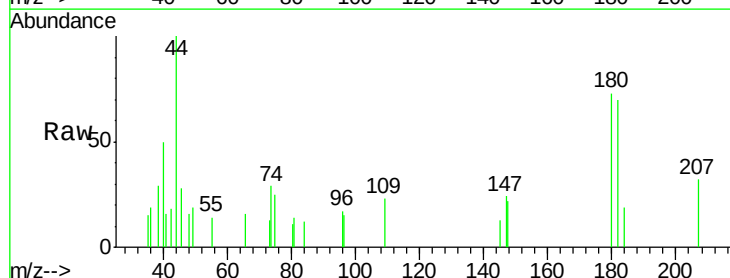
Tgt Ion:180 Resp: 503

Ion Ratio Lower Upper

180 100

182 82.1 47.1 141.3

145 11.7 18.0 54.0#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

