

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012501.D
 Acq On : 19 Sep 2019 02:41
 Operator : JC/SP
 Sample : K4858-27
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20190911

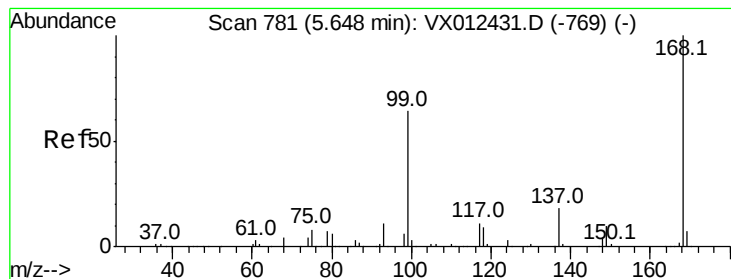
Quant Time: Sep 19 06:09:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	196430	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	311642	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	114265	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	131572	46.74	ug/l	0.00
Spiked Amount			Recovery	=	93.48%	
35) Dibromofluoromethane	5.49	113	92392	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
50) Toluene-d8	8.71	98	358220	51.31	ug/l	0.00
Spiked Amount			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.14	95	135197	46.64	ug/l	0.00
Spiked Amount			Recovery	=	93.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	470	0.747	ug/l	88
3) Chloromethane	1.32	50	637	0.590	ug/l #	35
5) Bromomethane	1.64	94	521	1.136	ug/l #	60
6) Chloroethane	1.79	64	403	0.441	ug/l #	70
9) 1,1,2-Trichlorotrifluoroet	2.37	101	32737	21.147	ug/l	99
10) Methyl Iodide	2.50	142	227	4.598	ug/l #	72
11) Tert butyl alcohol	3.03	59	1355	Below Cal	#	94
12) 1,1-Dichloroethene	2.37	96	6409	5.190	ug/l	83
13) Acrolein	2.29	56	65	Below Cal	#	1
16) Acetone	2.43	43	4573	Below Cal	#	83
17) Carbon Disulfide	2.56	76	411	2.033	ug/l #	75
20) Methylene Chloride	2.85	84	698	0.410	ug/l #	66
21) trans-1,2-Dichloroethene	3.16	96	310	0.242	ug/l #	56
24) 1,1-Dichloroethane	3.69	63	3549	1.102	ug/l #	89
27) cis-1,2-Dichloroethene	4.59	96	5482	2.862	ug/l	88
29) Tetrahydrofuran	5.14	42	848	0.786	ug/l #	66
30) Chloroform	5.20	83	8671	2.344	ug/l	92
32) 1,1,1-Trichloroethane	5.48	97	1406	0.455	ug/l #	48
36) 1,1-Dichloropropene	5.65	75	16407	8.663	ug/l #	50
38) Carbon Tetrachloride	5.77	117	4707	1.998	ug/l	96
39) Methylcyclohexane	7.20	83	21686	11.778	ug/l #	1
42) 1,2-Dichloroethane	6.17	62	1420	0.508	ug/l	83
44) Trichloroethene	7.21	130	1803455	1138.304	ug/l	97
47) Bromodichloromethane	7.89	83	752	0.282	ug/l #	81
49) 1,4-Dioxane	7.75	88	321	5.362	ug/l #	67
55) 1,1,2-Trichloroethane	9.21	97	1496	0.748	ug/l	94
60) Dibromochloromethane	9.33	129	2880	1.414	ug/l #	11
64) Tetrachloroethene	9.33	164	2895	2.355	ug/l #	83
76) 1,2,3-Trichloropropane	11.14	75	69340	26.418	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	69340	71.132	ug/l #	8

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

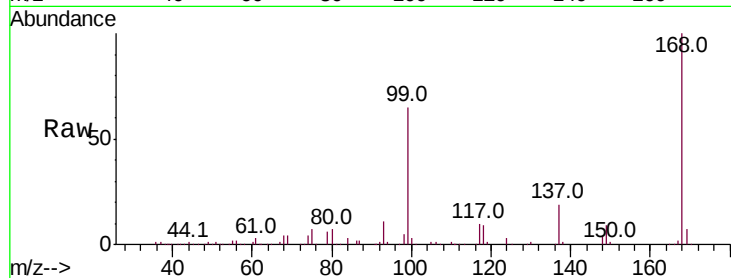
RE132D7-20190911

Tot Ion:168 Resp: 196430

Ion Ratio Lower Upper

168 100

99 64.6 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

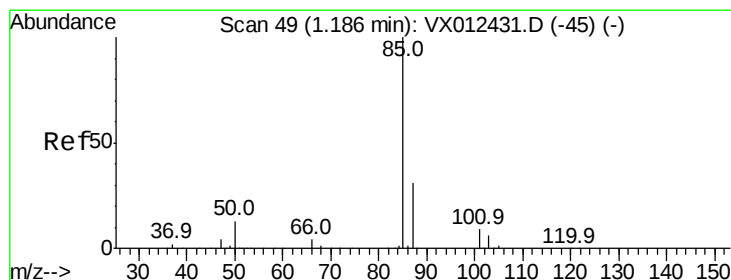
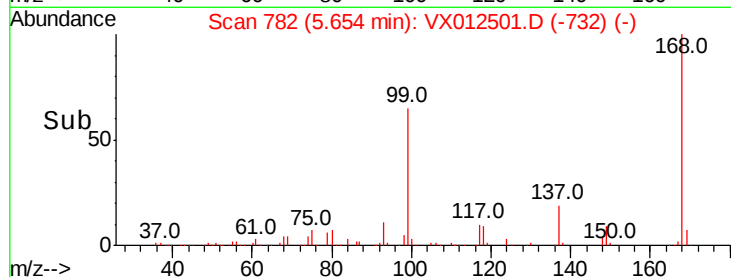
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.747 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012501.D

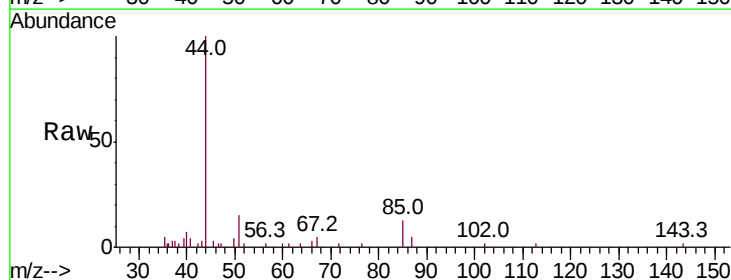
Acq: 19 Sep 2019 02:41

Tgt Ion: 85 Resp: 470

Ion Ratio Lower Upper

85 100

87 38.1 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

400

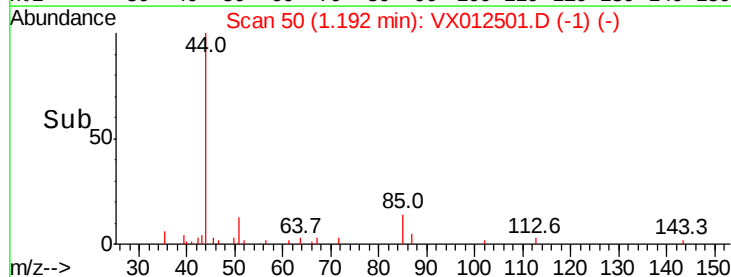
300

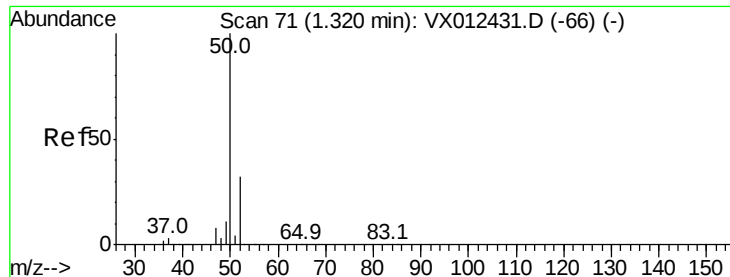
200

100

0

Time--> 1.16 1.18 1.20 1.22





#3

Chloromethane

Concen: 0.590 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

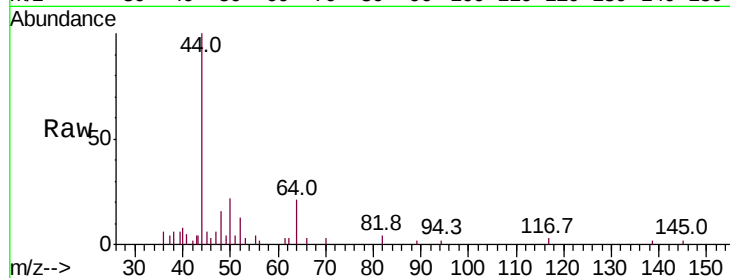
RE132D7-20190911

Tot Ion: 50 Resp: 637

Ion Ratio Lower Upper

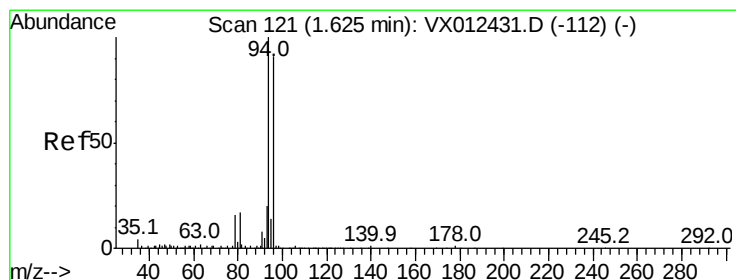
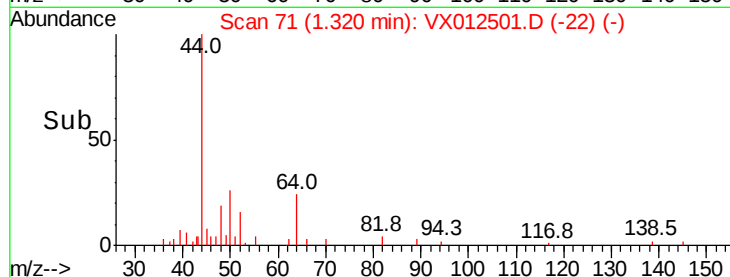
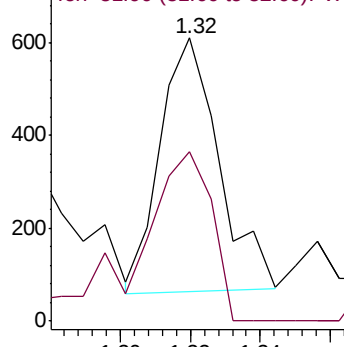
50 100

52 68.4 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#5

Bromomethane

Concen: 1.136 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.02 min

Lab File: VX012501.D

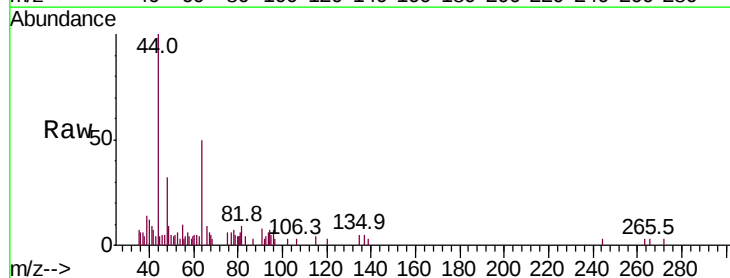
Acq: 19 Sep 2019 02:41

Tgt Ion: 94 Resp: 521

Ion Ratio Lower Upper

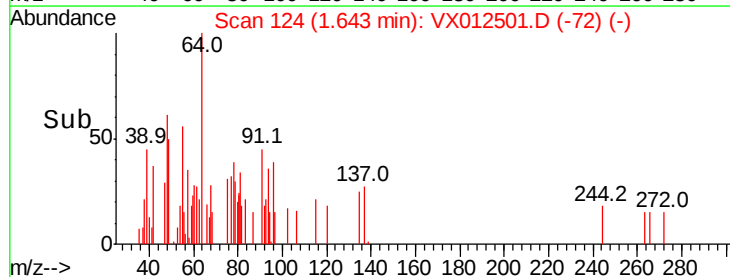
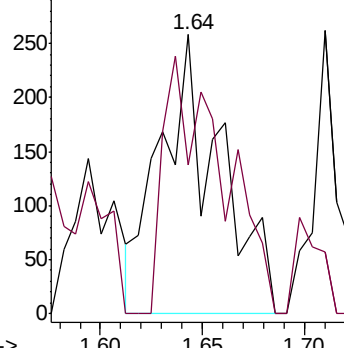
94 100

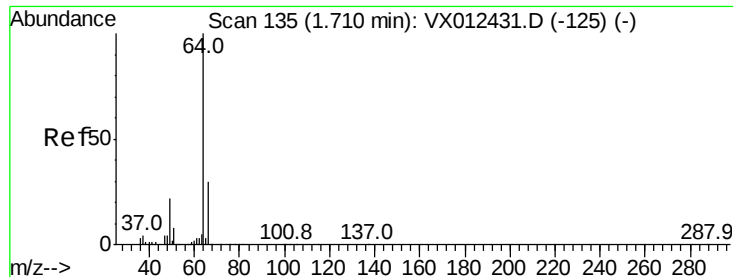
96 53.5 72.8 109.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: 0.441 ug/l

RT: 1.79 min Scan# 148

Delta R.T. 0.08 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

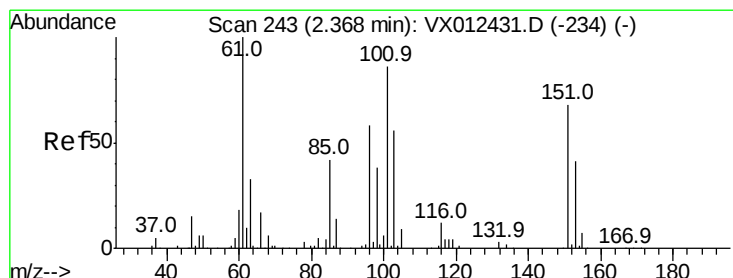
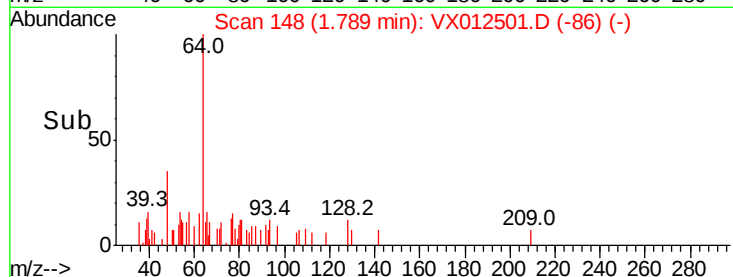
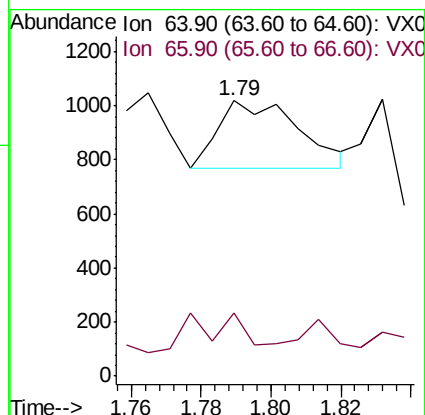
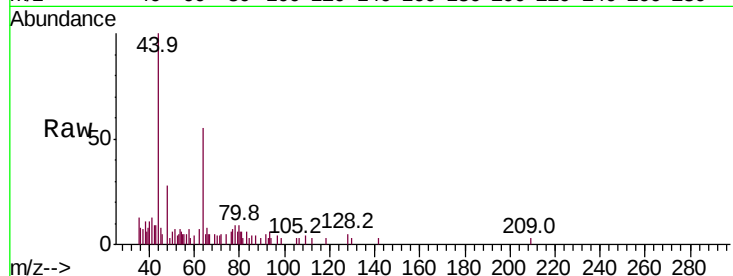
RE132D7-20190911

Tot Ion: 64 Resp: 403

Ion Ratio Lower Upper

64 100

66 46.2 24.0 36.0#



#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.147 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

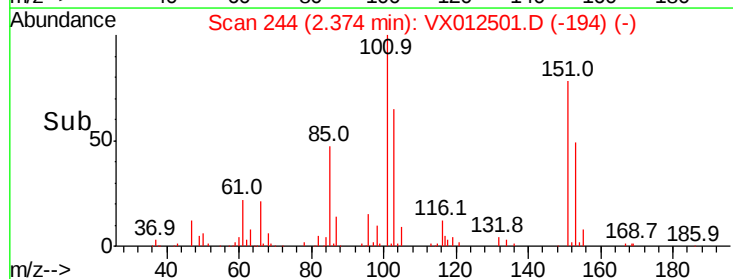
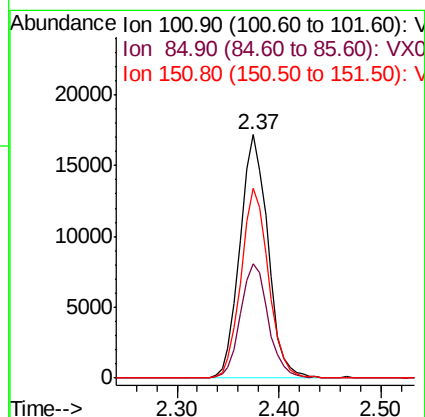
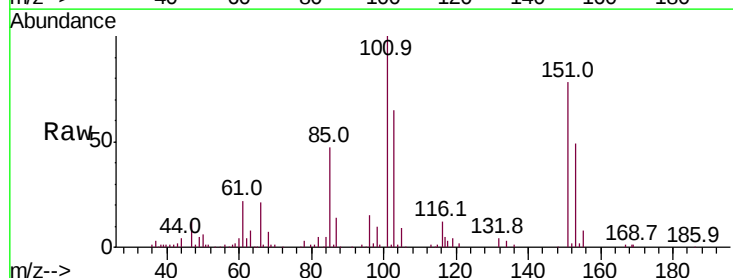
Tgt Ion: 101 Resp: 32737

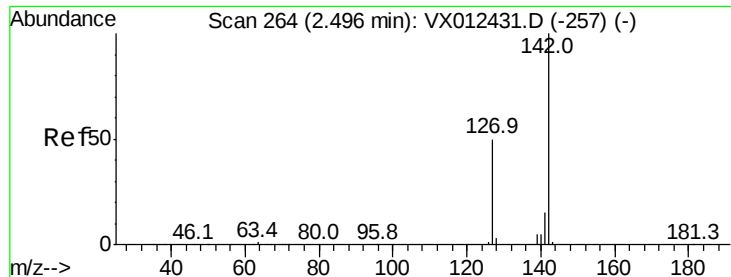
Ion Ratio Lower Upper

101 100

85 46.1 37.3 55.9

151 76.6 61.0 91.4

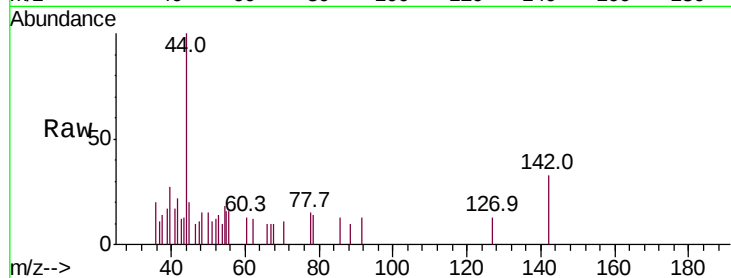




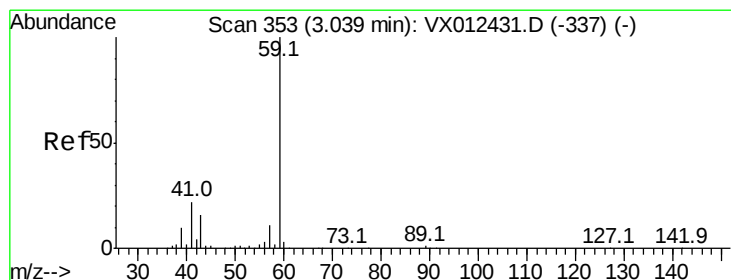
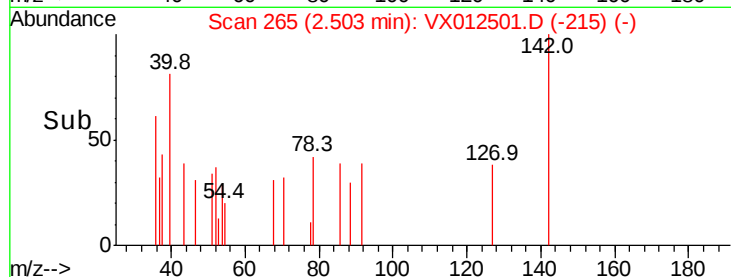
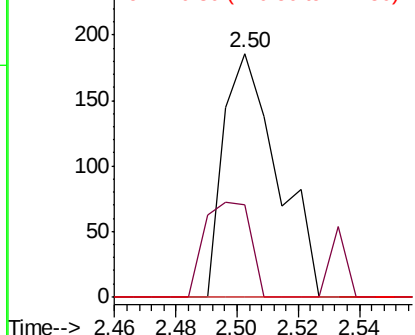
#10
Methvl Iodide
Concen: 4.598 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012501.D
Acq: 19 Sep 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20190911

Tot Ion:142 Resp: 227
Ion Ratio Lower Upper
142 100
127 33.0 40.8 61.2#
141 0.0 12.1 18.1#

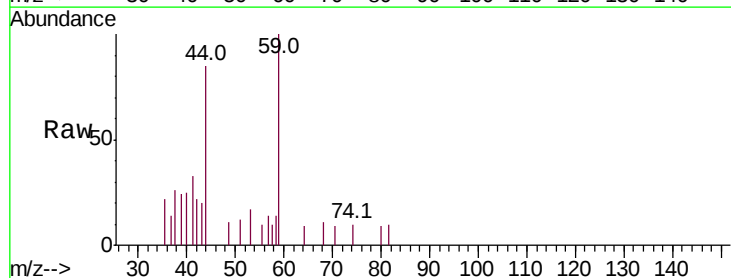


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

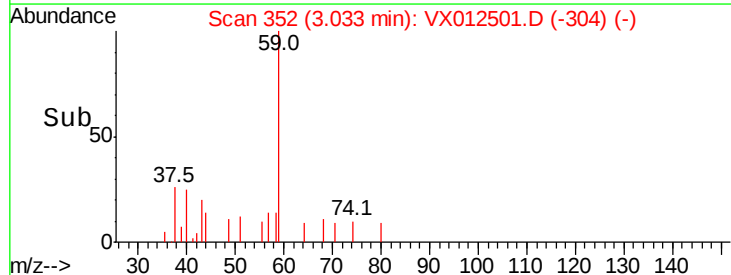
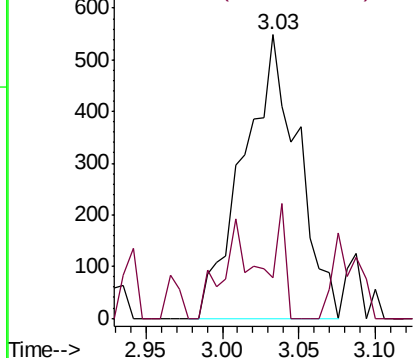


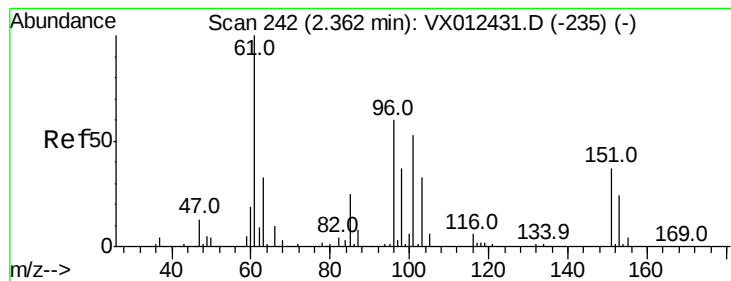
#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012501.D
Acq: 19 Sep 2019 02:41

Tgt Ion: 59 Resp: 1355
Ion Ratio Lower Upper
59 100
57 8.1 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0
Ion 57.00 (56.70 to 57.70): VX0





#12

1,1-Dichloroethene

Concen: 5.190 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20190911

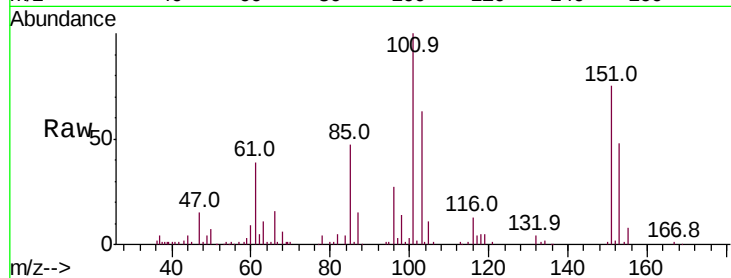
Tot Ion: 96 Resp: 6409

Ion Ratio Lower Upper

96 100

61 141.5 133.8 200.6

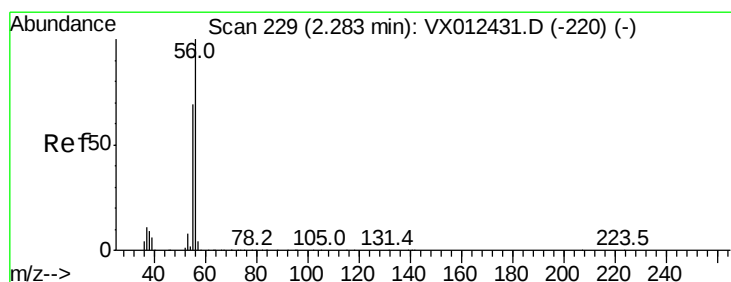
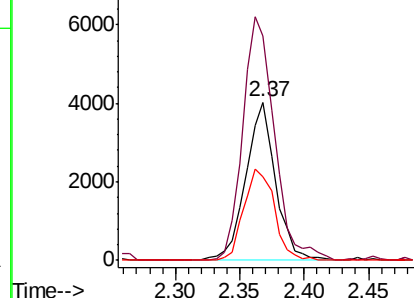
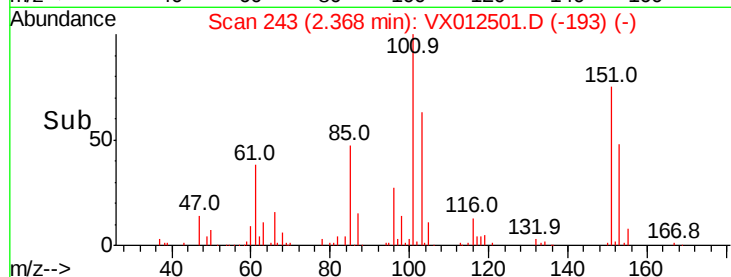
98 52.8 49.9 74.9



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: 2.29 min Scan# 230

Delta R.T. 0.01 min

Lab File: VX012501.D

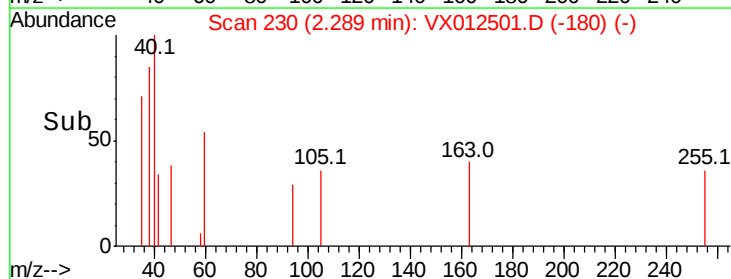
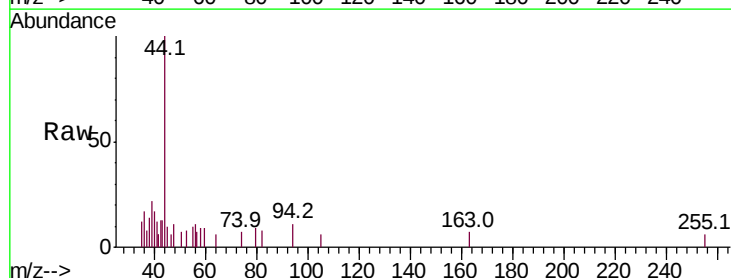
Acq: 19 Sep 2019 02:41

Tgt Ion: 56 Resp: 65

Ion Ratio Lower Upper

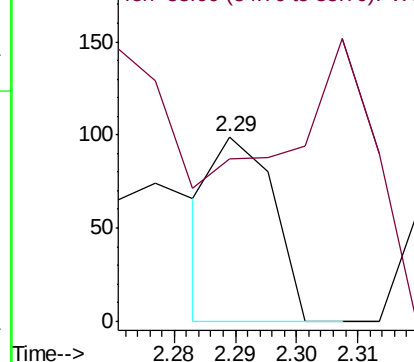
56 100

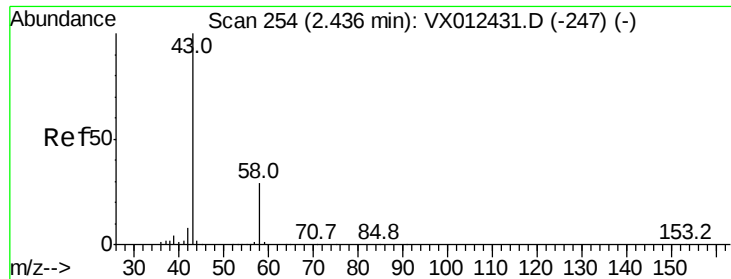
55 238.5 55.8 83.8#



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: VX012501.D

Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

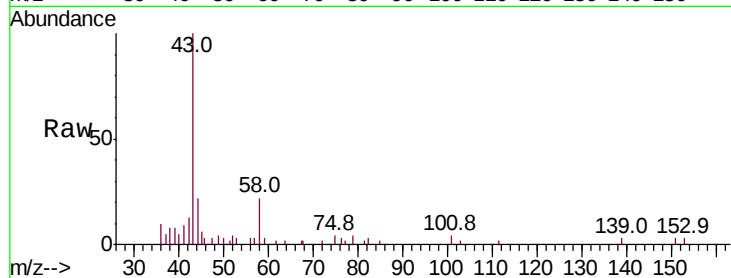
RE132D7-20190911

Tot Ion: 43 Resp: 4573

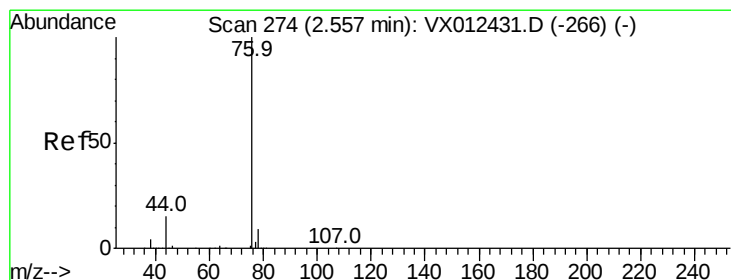
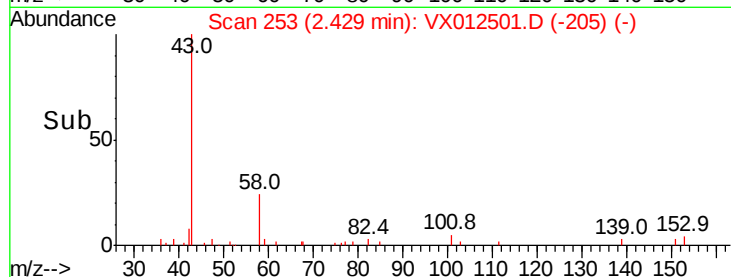
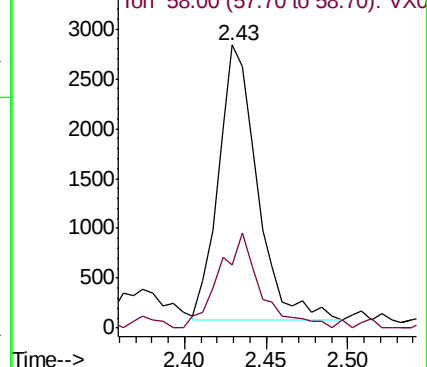
Ion Ratio Lower Upper

43 100

58 20.0 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0



#17

Carbon Disulfide

Concen: 2.033 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX012501.D

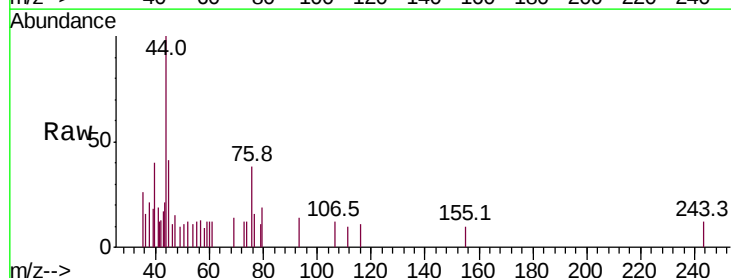
Acq: 19 Sep 2019 02:41

Tgt Ion: 76 Resp: 411

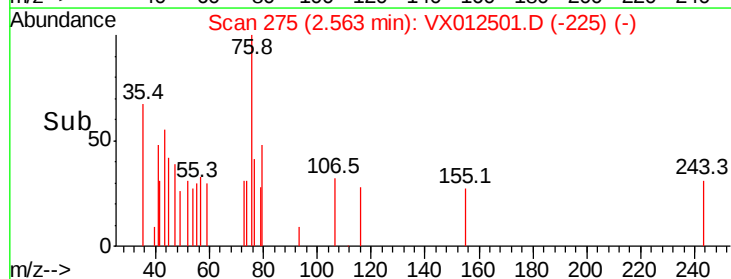
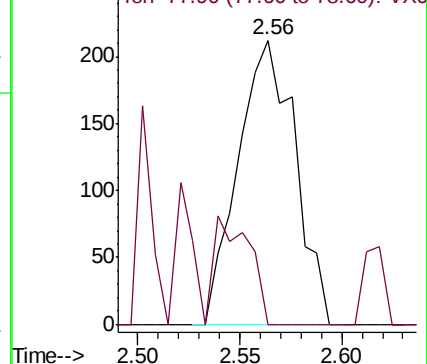
Ion Ratio Lower Upper

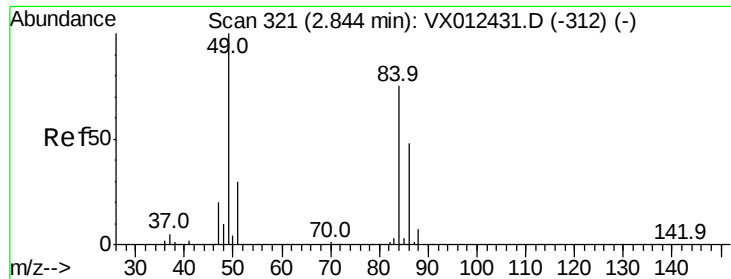
76 100

78 0.0 7.3 10.9#



Abundance Ion 75.90 (75.60 to 76.60): VX0

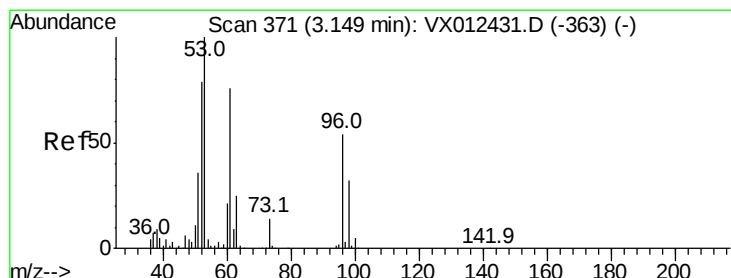
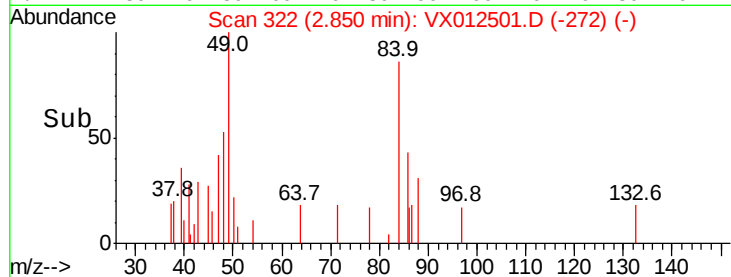
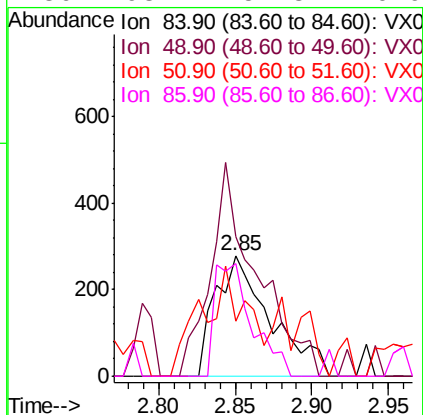
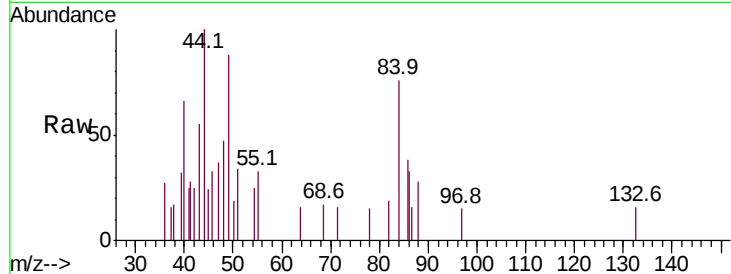




#20
Methvlene Chloride
Concen: 0.410 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX012501.D
Acq: 19 Sep 2019 02:41

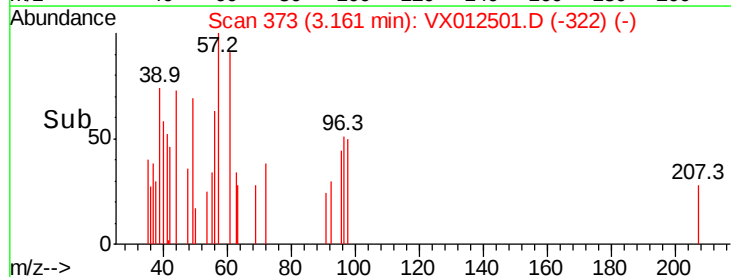
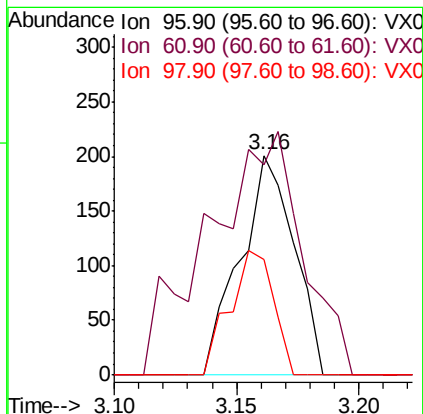
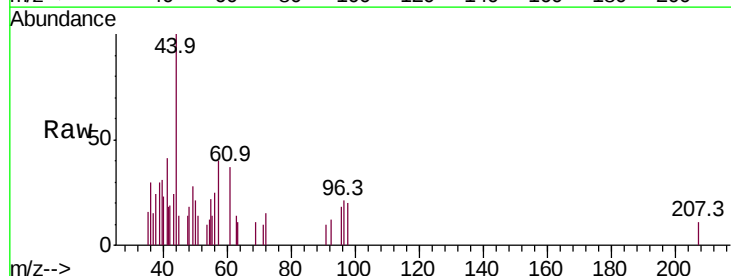
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20190911

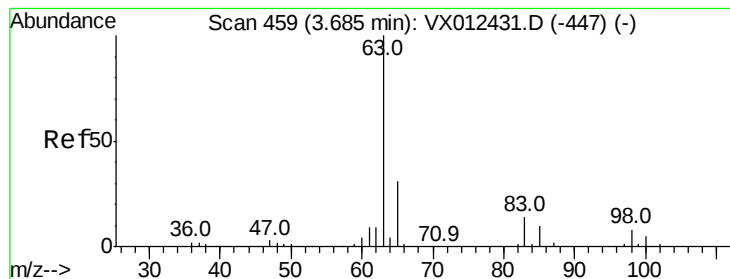
Tot Ion: 84 Resp: 698
Ion Ratio Lower Upper
84 100
49 92.8 106.8 160.2#
51 23.7 32.3 48.5#
86 93.2 51.3 76.9#



#21
trans-1,2-Dichloroethene
Concen: 0.242 ug/l
RT: 3.16 min Scan# 373
Delta R.T. 0.01 min
Lab File: VX012501.D
Acq: 19 Sep 2019 02:41

Tgt Ion: 96 Resp: 310
Ion Ratio Lower Upper
96 100
61 68.7 112.0 168.0#
98 52.7 47.8 71.8





#24

1,1-Dichloroethane

Concen: 1.102 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20190911

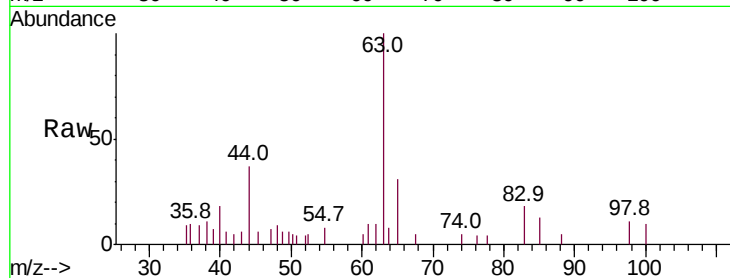
Tot Ion: 63 Resp: 3549

Ion Ratio Lower Upper

63 100

98 10.9 3.9 11.7

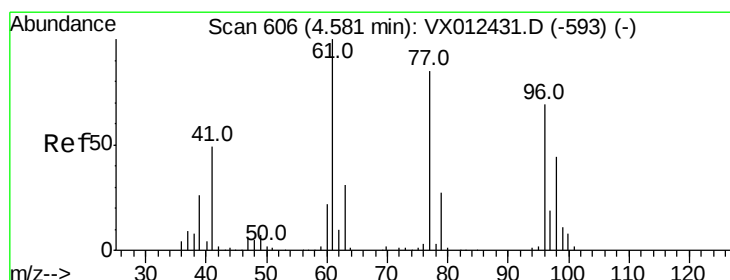
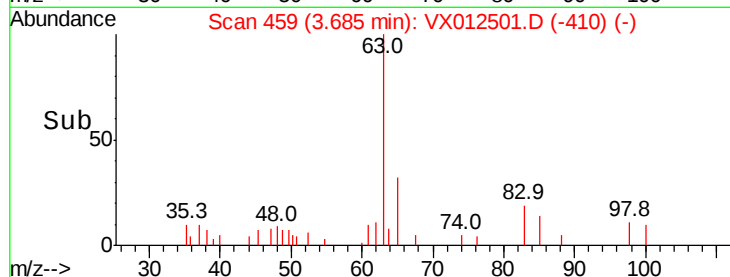
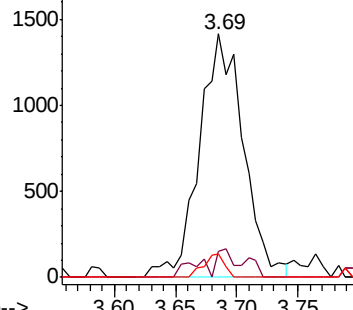
100 9.7 2.3 6.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.862 ug/l

RT: 4.59 min Scan# 607

Delta R.T. 0.01 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

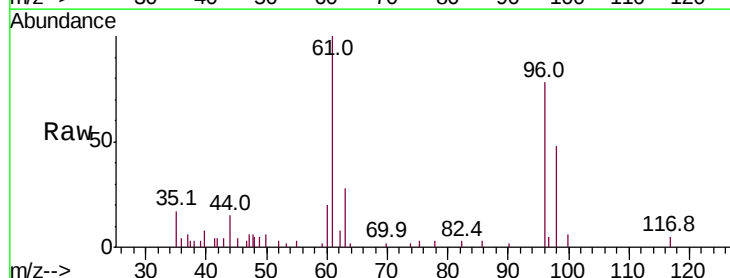
Tgt Ion: 96 Resp: 5482

Ion Ratio Lower Upper

96 100

61 137.7 0.0 319.4

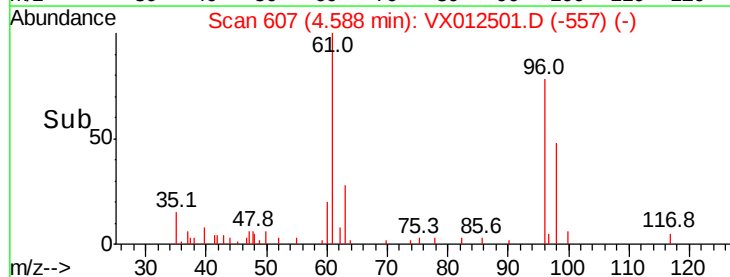
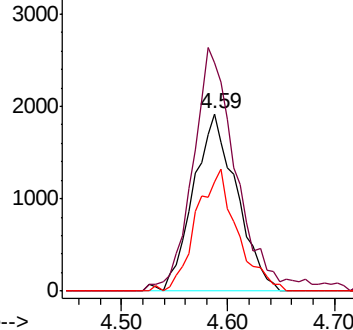
98 64.8 0.0 130.6

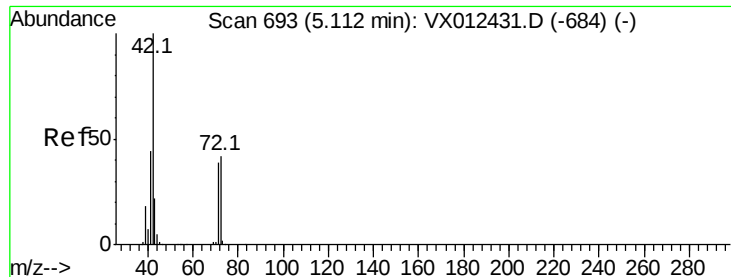


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

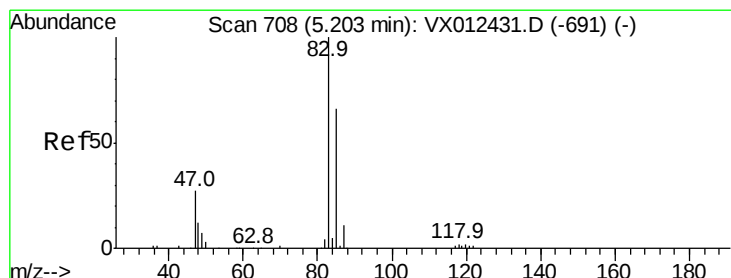
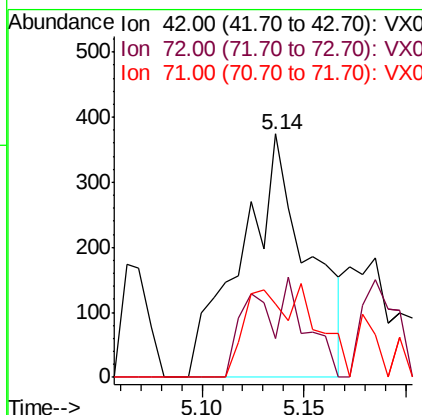
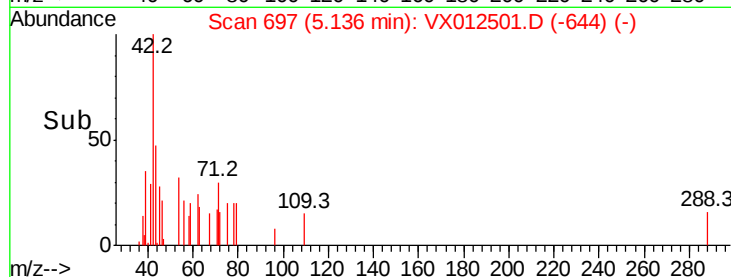
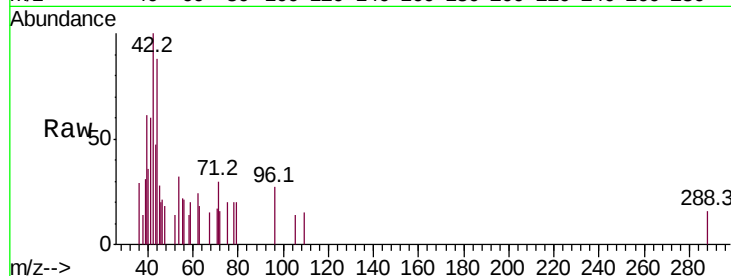




#29
Tetrahydrofuran
Concen: 0.786 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX012501.D
Acq: 19 Sep 2019 02:41

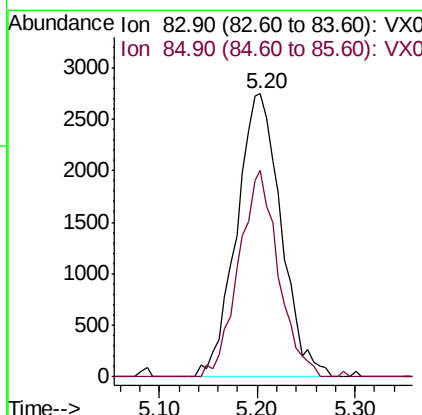
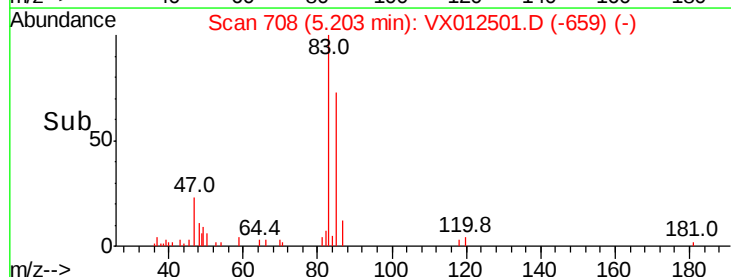
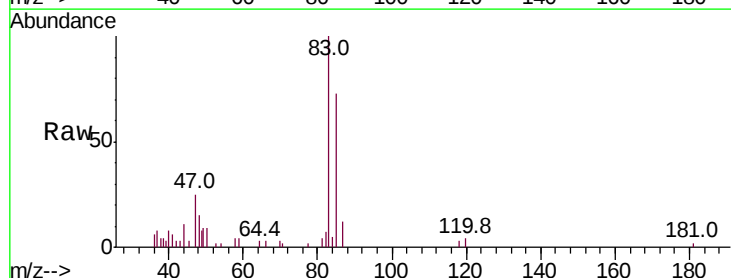
Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20190911

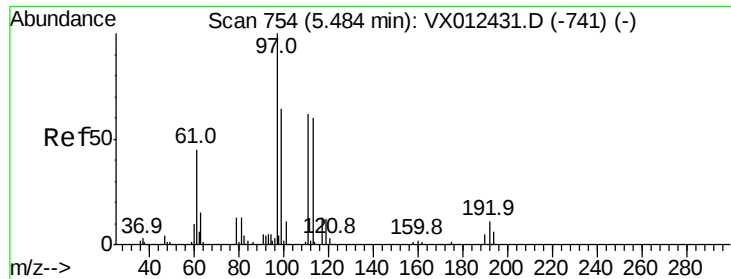
Tot Ion: 42 Resp: 848
Ion Ratio Lower Upper
42 100
72 17.0 34.0 51.0#
71 22.2 31.5 47.3#



#30
Chloroform
Concen: 2.344 ug/l
RT: 5.20 min Scan# 708
Delta R.T. -0.00 min
Lab File: VX012501.D
Acq: 19 Sep 2019 02:41

Tgt Ion: 83 Resp: 8671
Ion Ratio Lower Upper
83 100
85 72.8 53.0 79.4





#32

1,1,1-Trichloroethane

Concen: 0.455 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20190911

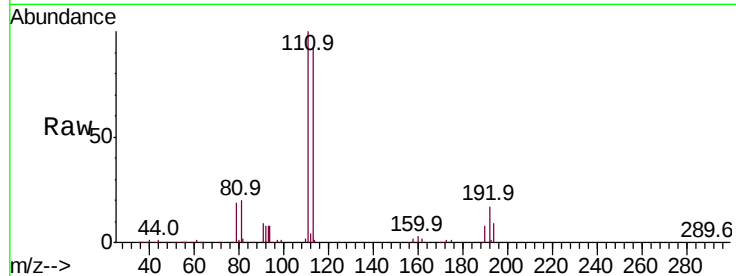
Tot Ion: 97 Resp: 1406

Ion Ratio Lower Upper

97 100

99 0.0 51.3 76.9#

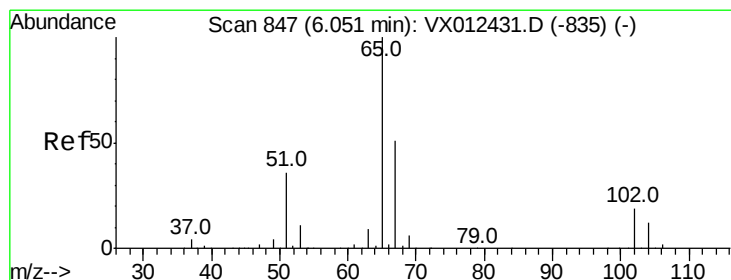
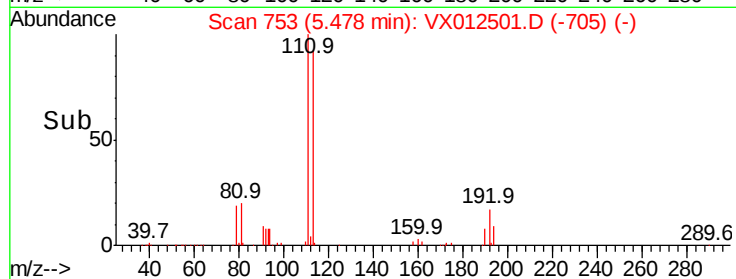
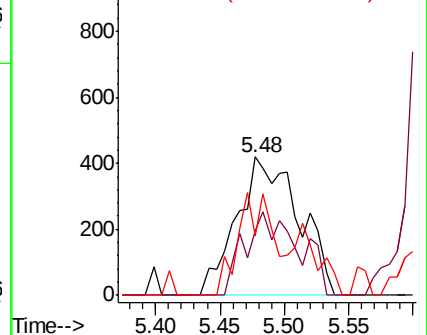
61 39.0 36.1 54.1



Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.736 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012501.D

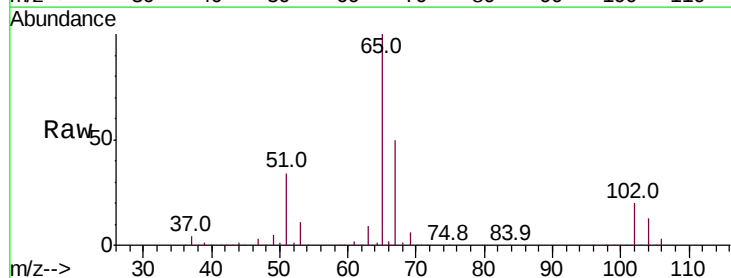
Acq: 19 Sep 2019 02:41

Tgt Ion: 65 Resp: 131572

Ion Ratio Lower Upper

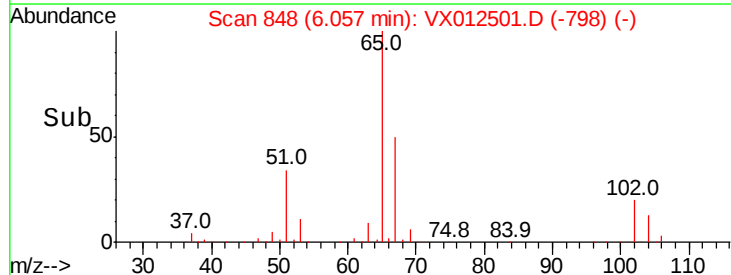
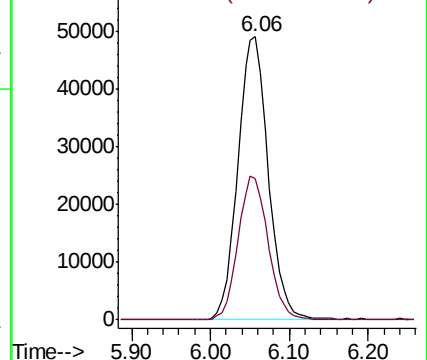
65 100

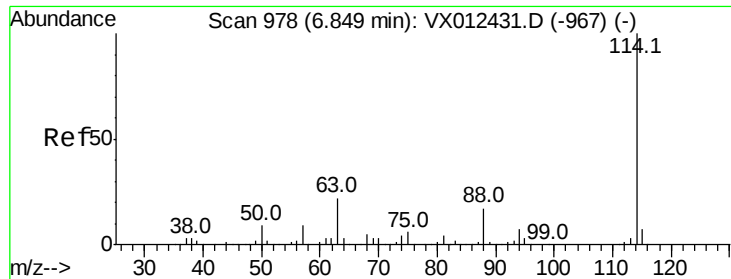
67 50.1 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20190911

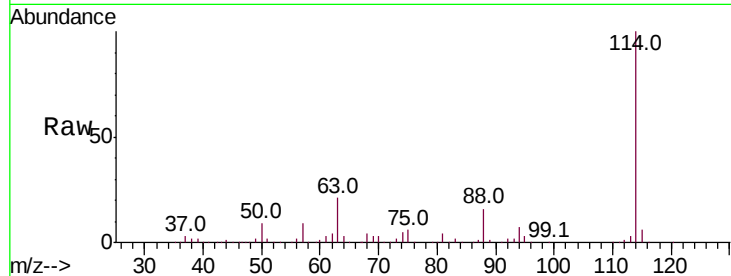
Tot Ion:114 Resp: 311642

Ion Ratio Lower Upper

114 100

63 21.0 0.0 43.2

88 16.3 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

150000

100000

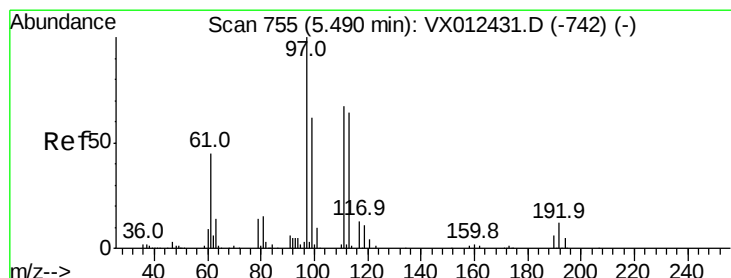
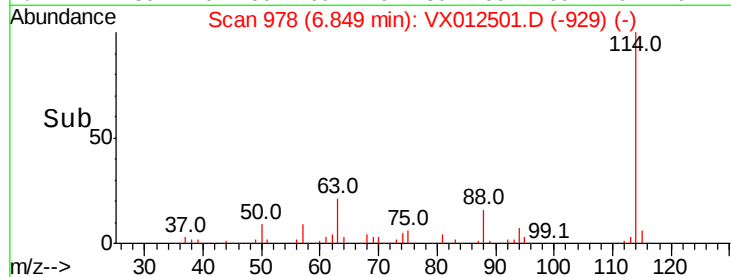
50000

0

6.85

6.80 6.90

Time-->



#35

Dibromofluoromethane

Concen: 48.982 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

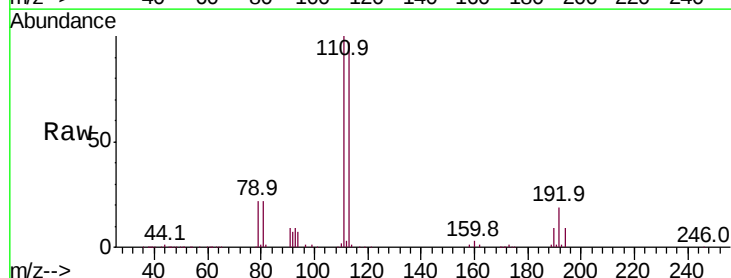
Tgt Ion:113 Resp: 92392

Ion Ratio Lower Upper

113 100

111 104.6 83.4 125.2

192 19.5 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

40000

30000

20000

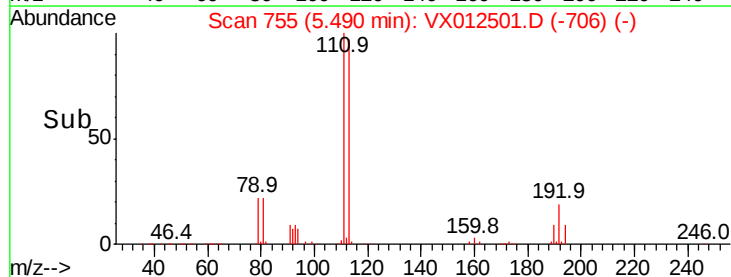
10000

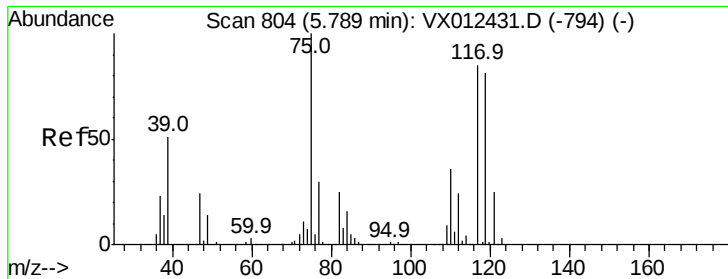
0

5.49

5.40 5.60

Time-->





#36

1,1-Dichloropropene

Concen: 8.663 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20190911

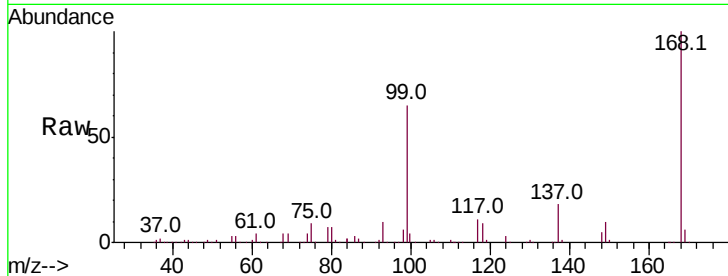
Tot Ion: 75 Resp: 16407

Ion Ratio Lower Upper

75 100

110 7.3 16.7 50.0#

77 0.2 24.2 36.2#

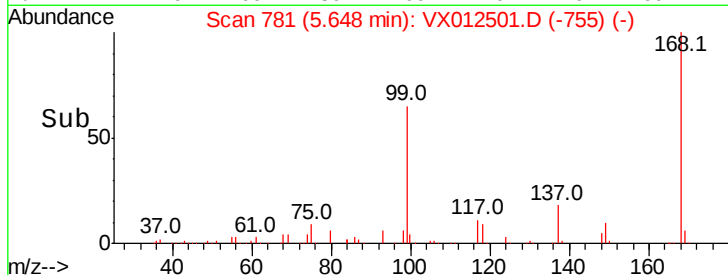


Abundance Ion 74.90 (74.60 to 75.60): VX012431.D (-794) (-)

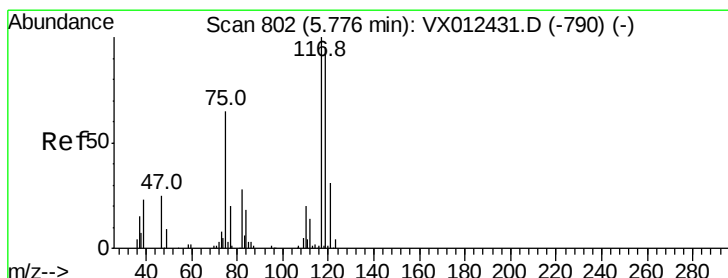
Ion 109.90 (109.60 to 110.60): VX012431.D (-794) (-)

Ion 76.90 (76.60 to 77.60): VX012431.D (-794) (-)

Time--> 5.50 5.60 5.70



Time--> 5.50 5.60 5.70



#38

Carbon Tetrachloride

Concen: 1.998 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

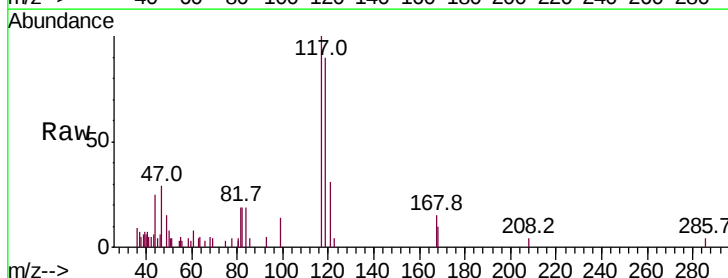
Tgt Ion: 117 Resp: 4707

Ion Ratio Lower Upper

117 100

119 90.2 75.7 113.5

121 30.6 24.2 36.4

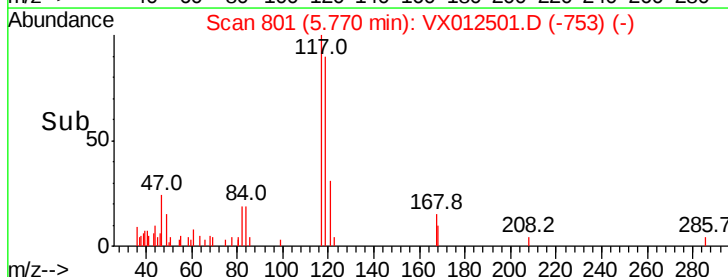


Abundance Ion 116.80 (116.50 to 117.50): VX012431.D (-790) (-)

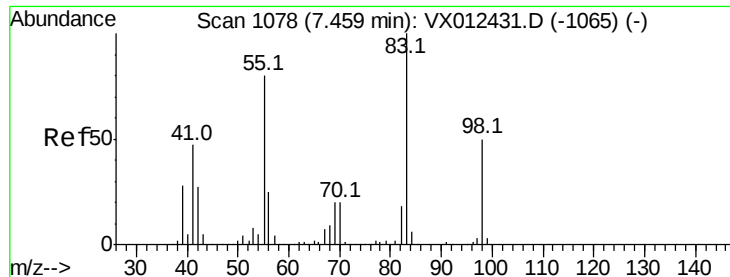
Ion 118.80 (118.50 to 119.50): VX012431.D (-790) (-)

Ion 120.80 (120.50 to 121.50): VX012431.D (-790) (-)

Time--> 5.70 5.75 5.80 5.85



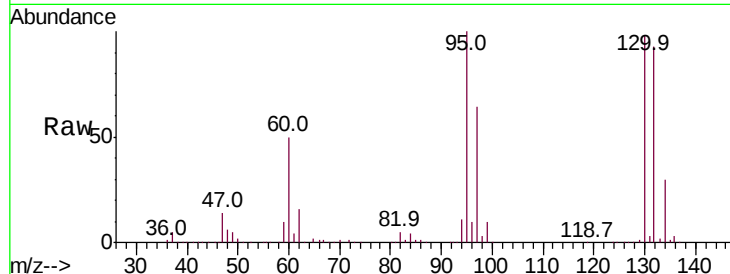
Time--> 5.70 5.75 5.80 5.85



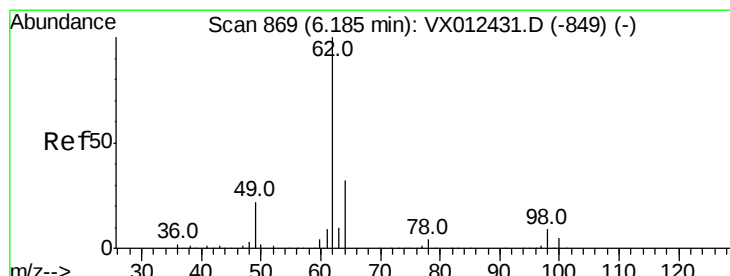
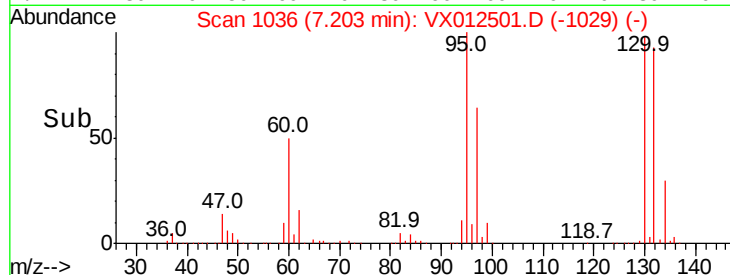
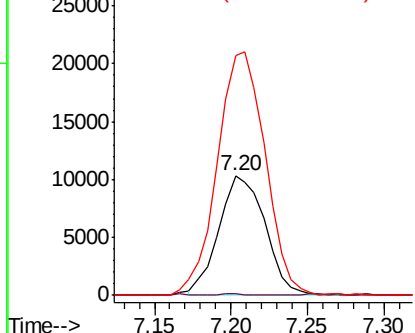
#39
Methvlcvclohexane
Concen: 11.778 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. -0.26 min
Lab File: VX012501.D
Acq: 19 Sep 2019 02:41

Instrument :
MSVOA_X
ClientSampleId :
RE132D7-20190911

Tot Ion: 83 Resp: 21686
Ion Ratio Lower Upper
83 100
55 0.9 64.4 96.6#
98 197.8 40.1 60.1#

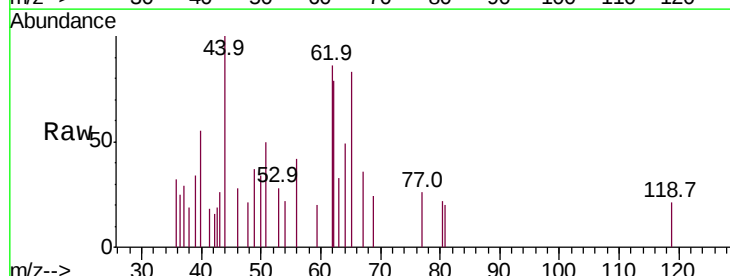


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

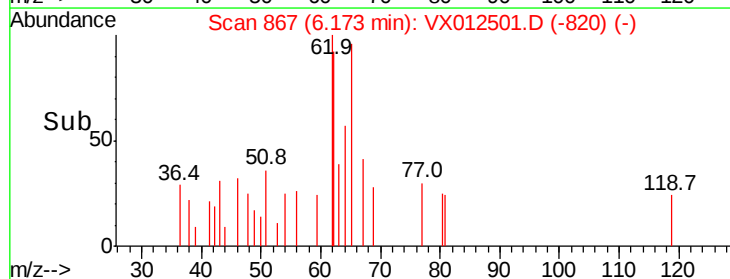
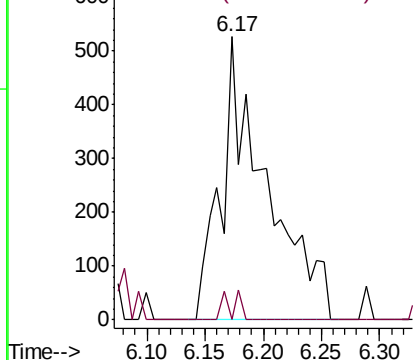


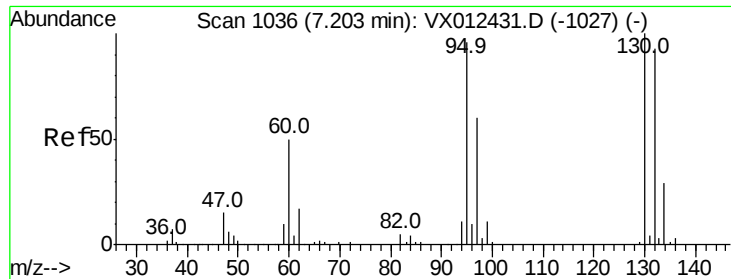
#42
1,2-Dichloroethane
Concen: 0.508 ug/l
RT: 6.17 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX012501.D
Acq: 19 Sep 2019 02:41

Tgt Ion: 62 Resp: 1420
Ion Ratio Lower Upper
62 100
98 2.8 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: 1138.304 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

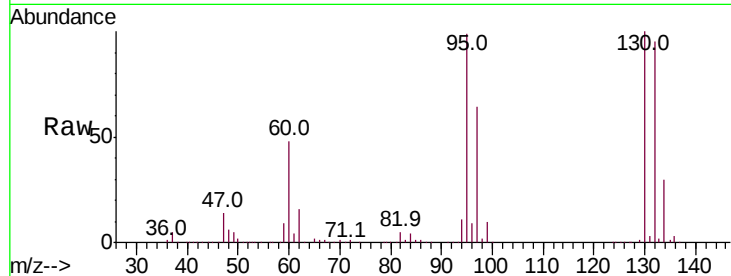
RE132D7-20190911

Tot Ion:130 Resp: 1803455

Ion Ratio Lower Upper

130 100

95 99.5 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

1000000 Ion 94.90 (94.60 to 95.60): VX0

800000

600000

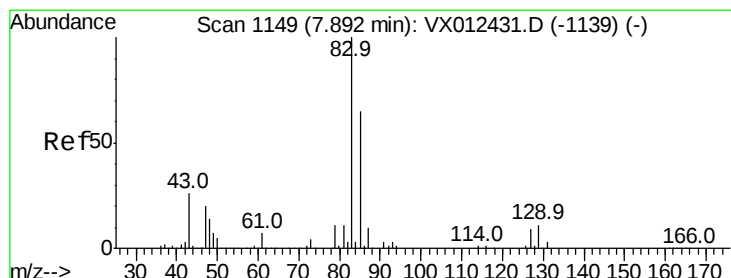
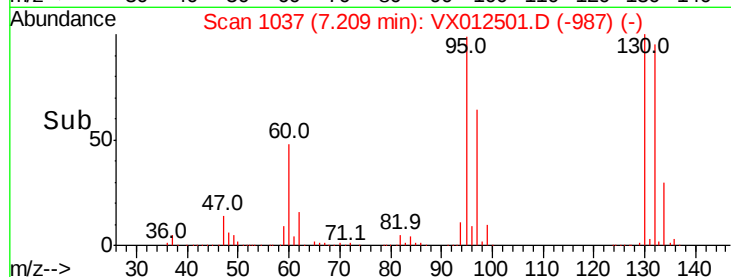
400000

200000

0

7.10 7.20 7.30 7.40

Time-->



#47

Bromodichloromethane

Concen: 0.282 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

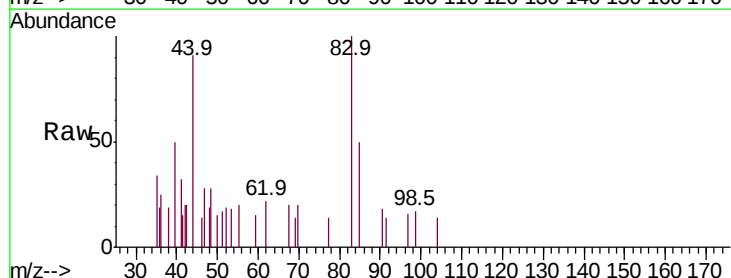
Tgt Ion: 83 Resp: 752

Ion Ratio Lower Upper

83 100

85 50.3 51.8 77.6#

127 0.0 7.3 10.9#



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V

500

400

300

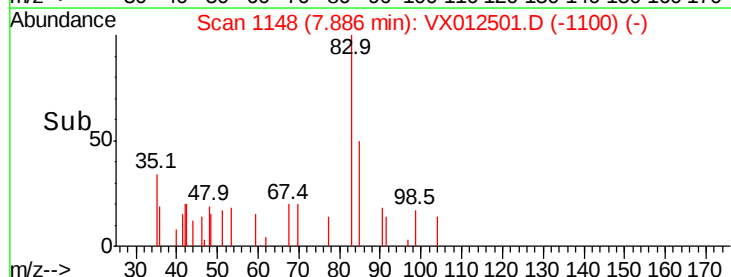
200

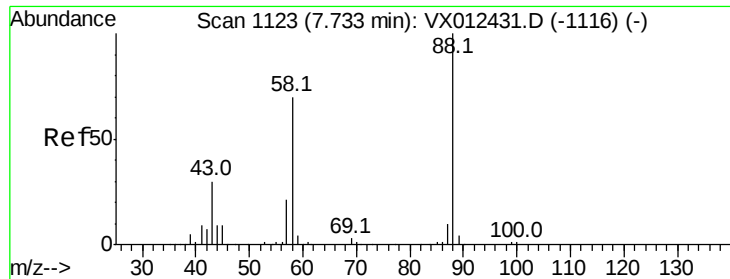
100

0

7.85 7.90 7.95

Time-->

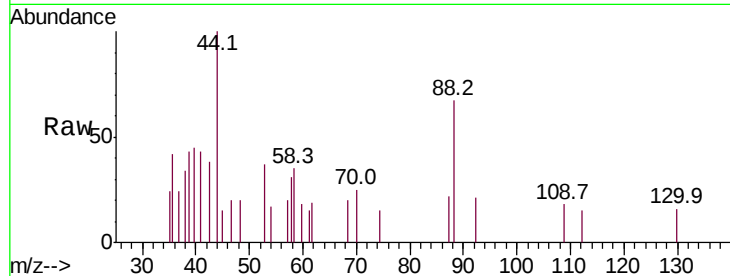




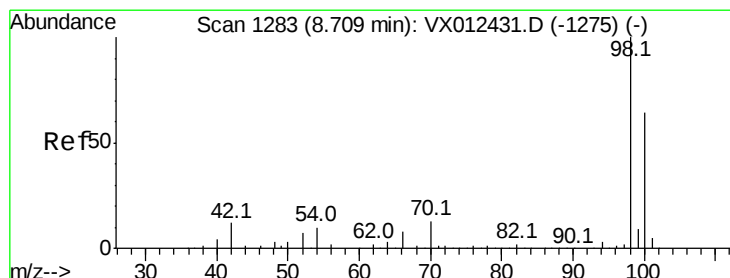
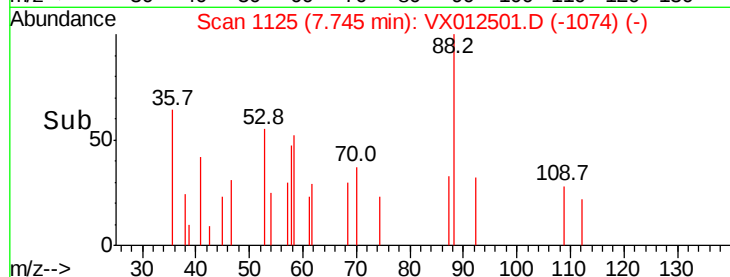
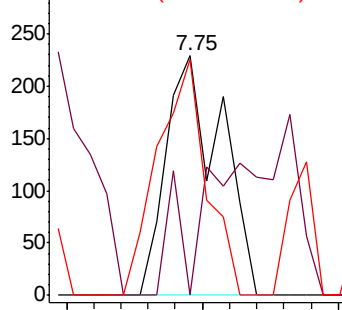
#49
 1,4-Dioxane
 Concen: 5.362 ug/l
 RT: 7.75 min Scan# 1125
 Delta R.T. 0.01 min
 Lab File: VX012501.D
 Acq: 19 Sep 2019 02:41

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20190911

Tot Ion: 88 Resp: 321
 Ion Ratio Lower Upper
 88 100
 43 0.0 29.4 44.0#
 58 87.5 57.5 86.3#

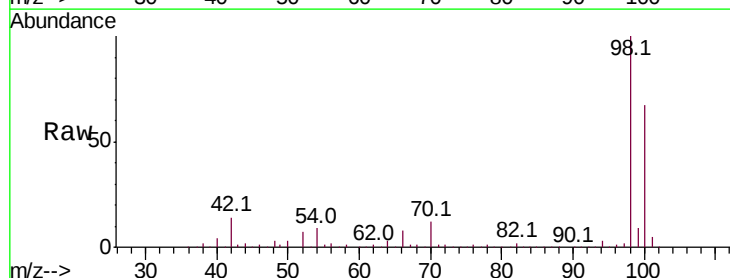


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

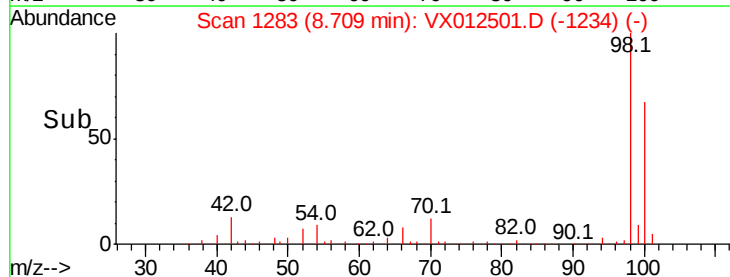
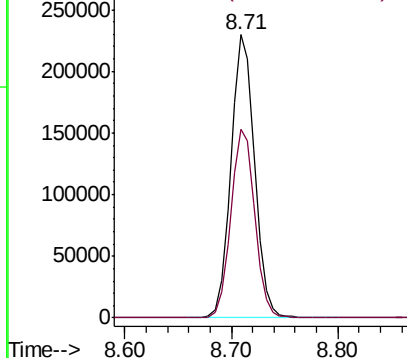


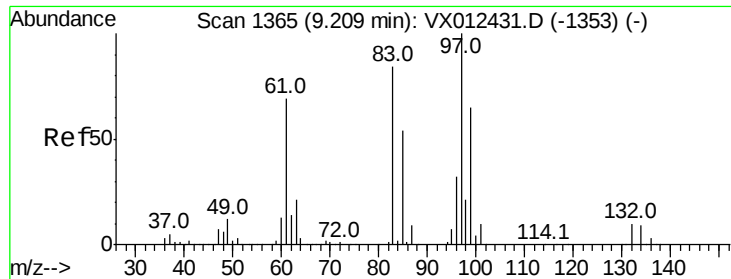
#50
 Toluene-d8
 Concen: 51.308 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012501.D
 Acq: 19 Sep 2019 02:41

Tgt Ion: 98 Resp: 358220
 Ion Ratio Lower Upper
 98 100
 100 67.4 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): VX0

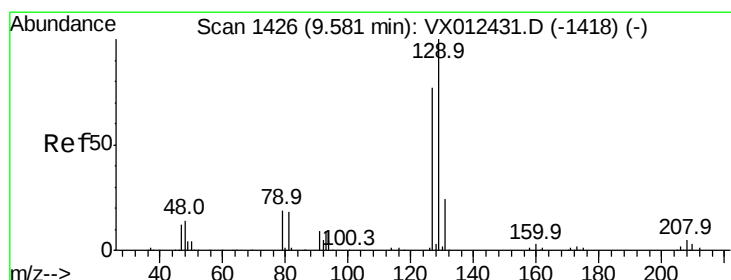
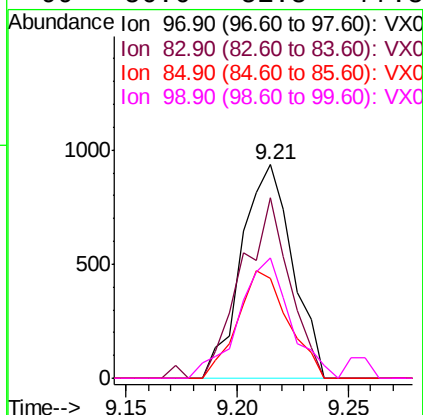
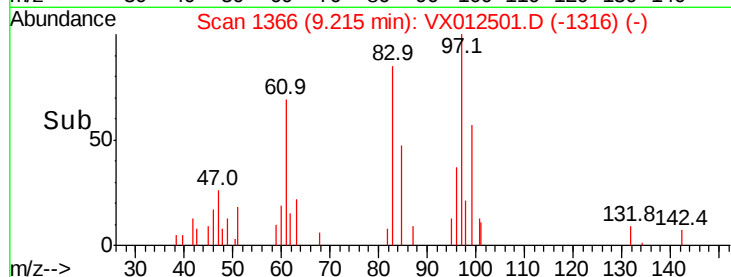
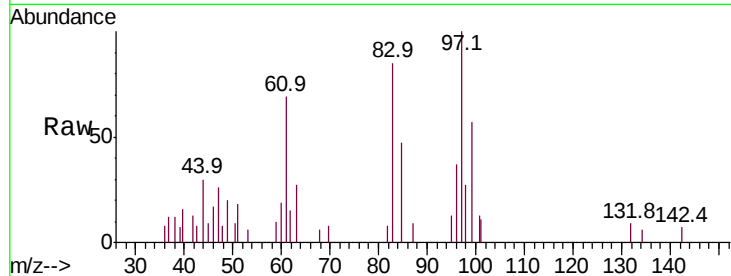




#55
 1,1,2-Trichloroethane
 Concen: 0.748 ug/l
 RT: 9.21 min Scan# 1366
 Delta R.T. 0.01 min
 Lab File: VX012501.D
 Acq: 19 Sep 2019 02:41

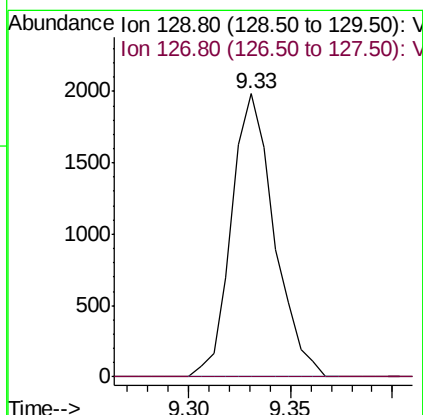
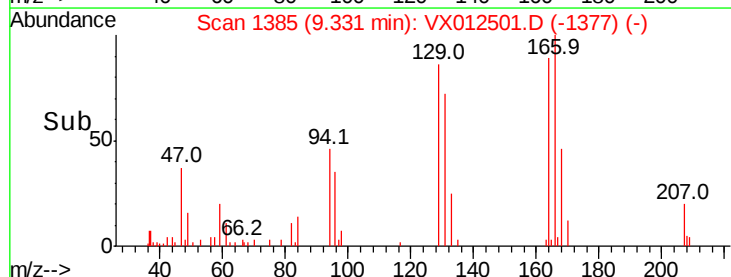
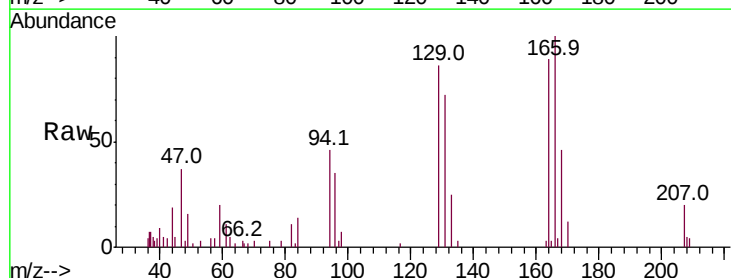
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D7-20190911

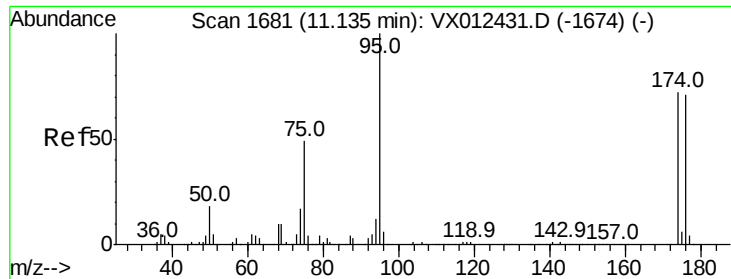
Tot Ion:	97	Resp:	1496
Ion	Ratio	Lower	Upper
97	100		
83	84.5	67.4	101.2
85	46.9	43.5	65.3
99	56.6	51.8	77.8



#60
 Dibromochloromethane
 Concen: 1.414 ug/l
 RT: 9.33 min Scan# 1385
 Delta R.T. -0.25 min
 Lab File: VX012501.D
 Acq: 19 Sep 2019 02:41

Tgt Ion:	129	Resp:	2880
Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.9	116.6#





#62

4-Bromofluorobenzene

Concen: 46.637 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20190911

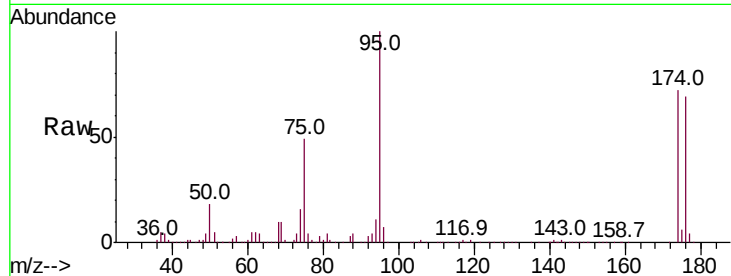
Tot Ion: 95 Resp: 135197

Ion Ratio Lower Upper

95 100

174 70.6 0.0 140.0

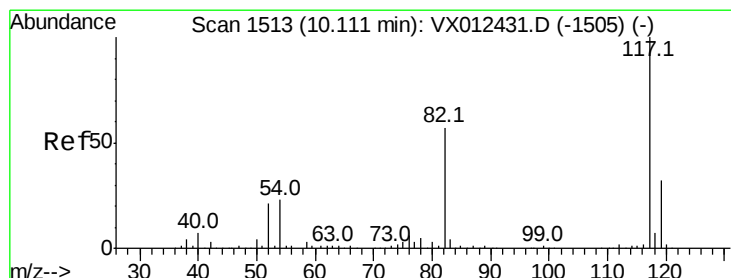
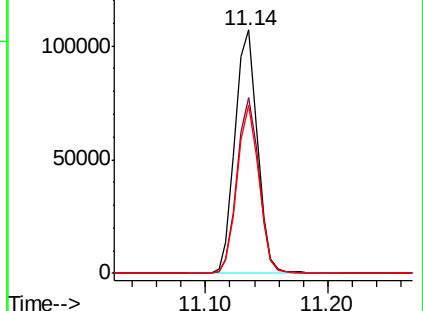
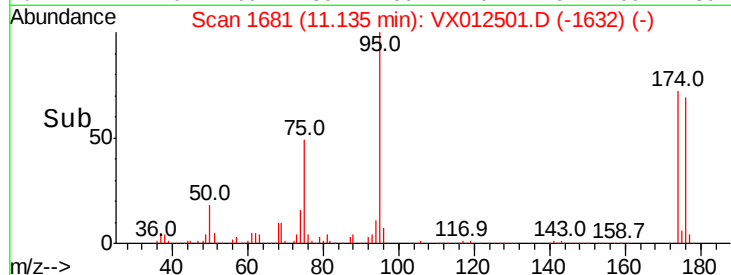
176 67.3 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012501.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012501.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012501.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

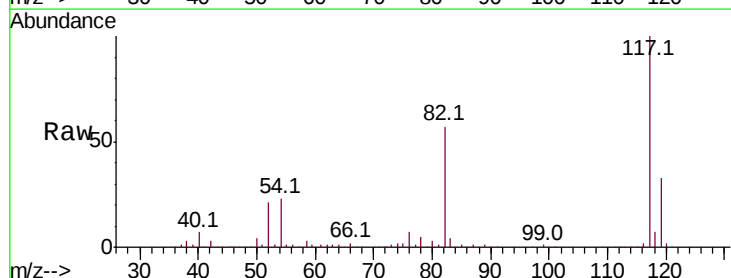
Tgt Ion: 117 Resp: 268279

Ion Ratio Lower Upper

117 100

82 57.2 45.9 68.9

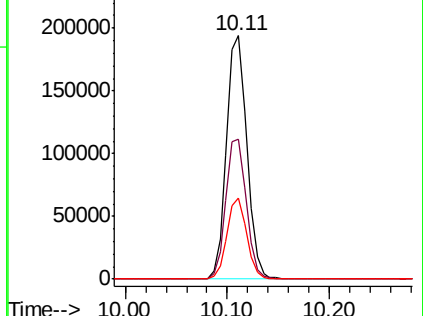
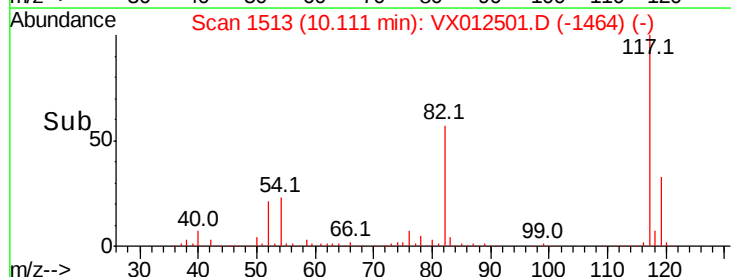
119 33.0 25.3 37.9

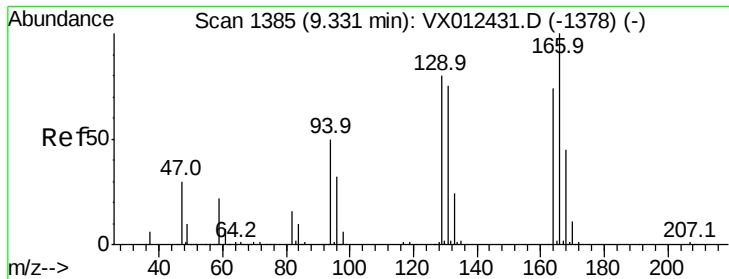


Abundance Ion 116.90 (116.60 to 117.60): VX012501.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012501.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012501.D (-1464) (-)





#64

Tetrachloroethene

Concen: 2.355 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

RE132D7-20190911

Tot Ion:164 Resp: 2895

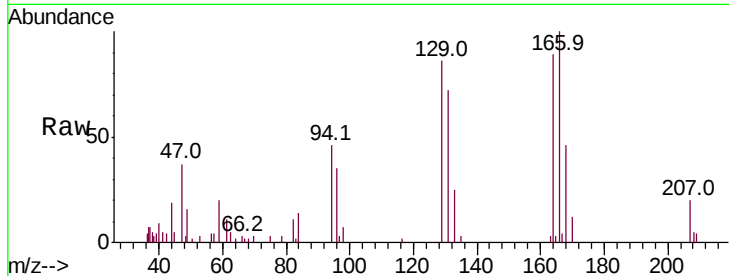
Ion Ratio Lower Upper

164 100

166 111.9 107.8 161.6

129 96.6 86.2 129.2

131 80.2 80.4 120.6#

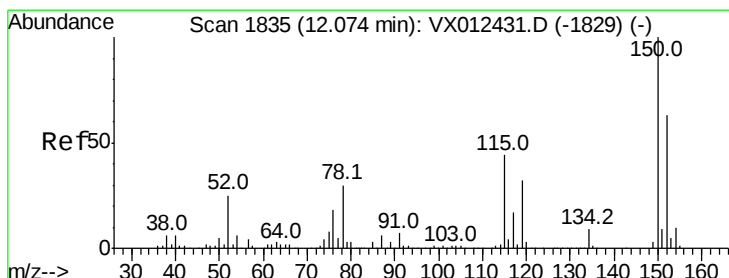
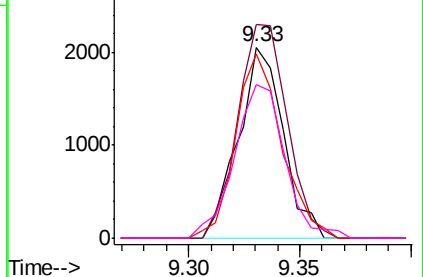
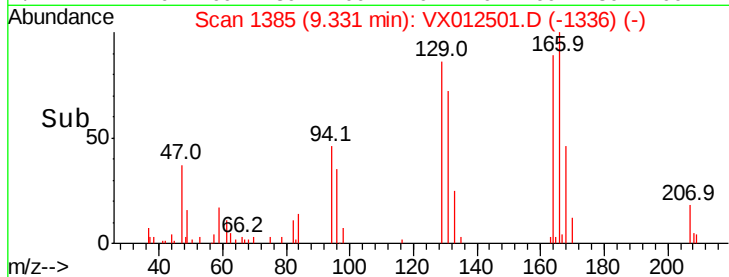


Abundance Ion 163.80 (163.50 to 164.50): V

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

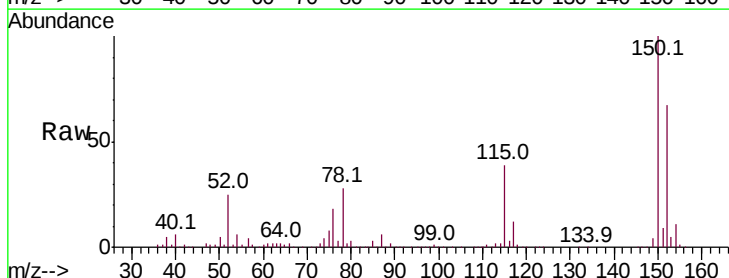
Tgt Ion:152 Resp: 114265

Ion Ratio Lower Upper

152 100

115 61.6 44.1 132.3

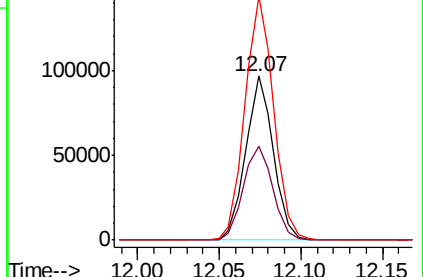
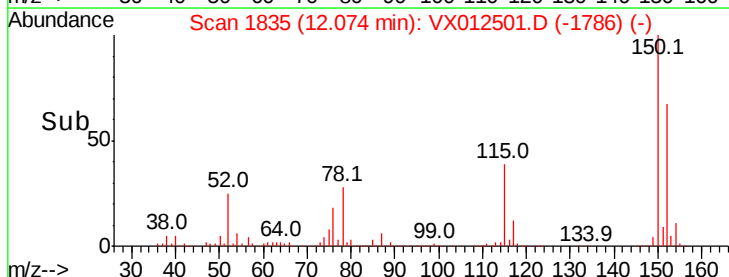
150 154.5 0.0 343.8

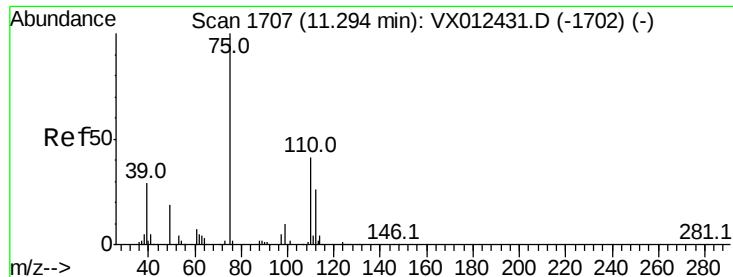


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 26.418 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

Instrument :

MSVOA_X

ClientSampleId :

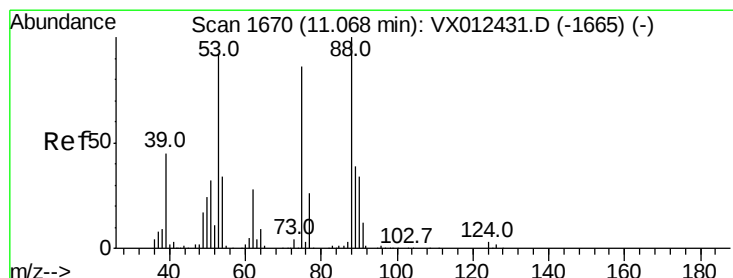
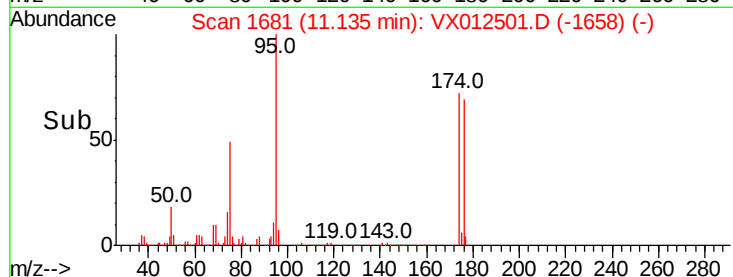
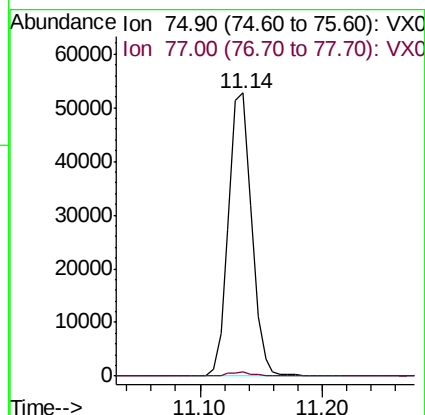
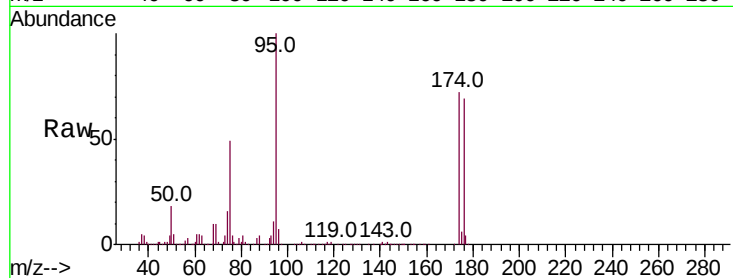
RE132D7-20190911

Tot Ion: 75 Resp: 69340

Ion Ratio Lower Upper

75 100

77 1.4 19.7 59.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 71.132 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012501.D

Acq: 19 Sep 2019 02:41

Tgt Ion: 75 Resp: 69340

Ion Ratio Lower Upper

75 100

53 0.2 83.6 125.4#

89 0.0 36.3 54.5#

