

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012479.D
 Acq On : 18 Sep 2019 17:21
 Operator : JC/SP
 Sample : K4858-02DL 40X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20190909DL

Quant Time: Sep 19 06:03:17 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	168168	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	265312	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	216704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	82550	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	110827	45.98	ug/l	0.00
Spiked Amount			Recovery	=	91.96%	
35) Dibromofluoromethane	5.49	113	79048	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
50) Toluene-d8	8.71	98	299688	50.42	ug/l	0.00
Spiked Amount			Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.14	95	104773	42.45	ug/l	0.00
Spiked Amount			Recovery	=	84.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	103	0.482	ug/l #	68
3) Chloromethane	1.32	50	188	0.203	ug/l #	85
5) Bromomethane	1.64	94	424	1.080	ug/l #	60
6) Chloroethane	1.76	64	445	0.569	ug/l #	81
8) Diethyl Ether	2.20	74	293	0.354	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	692	0.522	ug/l	91
10) Methyl Iodide	2.51	142	518	4.857	ug/l #	63
11) Tert butyl alcohol	3.00	59	10822	12.118	ug/l #	83
12) 1,1-Dichloroethene	2.36	96	379	0.358	ug/l #	60
15) Acrylonitrile	3.14	53	424	0.406	ug/l	95
16) Acetone	2.43	43	1343	Below Cal		90
17) Carbon Disulfide	2.56	76	565	2.171	ug/l #	76
20) Methylene Chloride	2.85	84	476	0.326	ug/l #	91
21) trans-1,2-Dichloroethene	3.17	96	288	0.262	ug/l #	51
25) 2-Butanone	4.69	43	772	0.462	ug/l #	51
27) cis-1,2-Dichloroethene	4.59	96	363	0.221	ug/l #	59
28) Bromochloromethane	5.02	49	460	0.324	ug/l #	15
29) Tetrahydrofuran	5.16	42	190	0.206	ug/l	91
30) Chloroform	5.20	83	851	0.269	ug/l #	70
31) Cyclohexane	5.64	56	4534	2.724	ug/l #	3
36) 1,1-Dichloropropene	5.65	75	14080	8.732	ug/l #	53
38) Carbon Tetrachloride	5.65	117	18782	9.366	ug/l #	16
41) Methacrylonitrile	5.04	41	344	0.216	ug/l #	35
44) Trichloroethene	7.21	130	46656	34.591	ug/l	97
49) 1,4-Dioxane	7.75	88	83	1.629	ug/l #	65
60) Dibromochloromethane	9.34	129	454	0.262	ug/l #	11
64) Tetrachloroethene	9.33	164	371	0.374	ug/l #	82
71) Bromoform	11.12	173	135	2.969	ug/l #	29
76) 1,2,3-Trichloropropane	11.14	75	52672	27.777	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	52672	74.633	ug/l #	8
93) 1,2,4-Trichlorobenzene	13.65	180	403	0.252	ug/l	98
95) Naphthalene	13.83	128	1182	0.208	ug/l #	86
96) 1,2,3-Trichlorobenzene	14.02	180	510	0.313	ug/l	73

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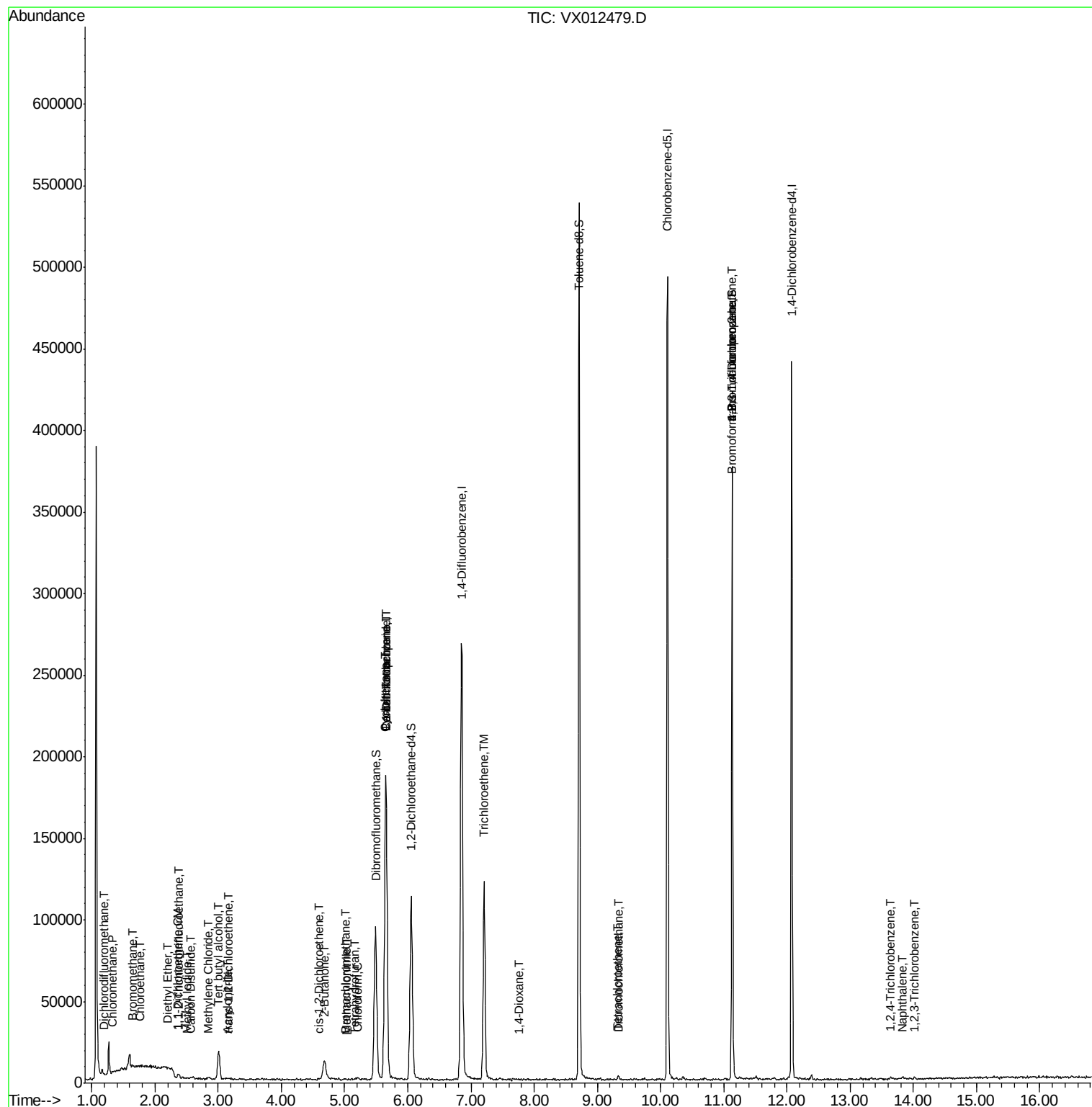
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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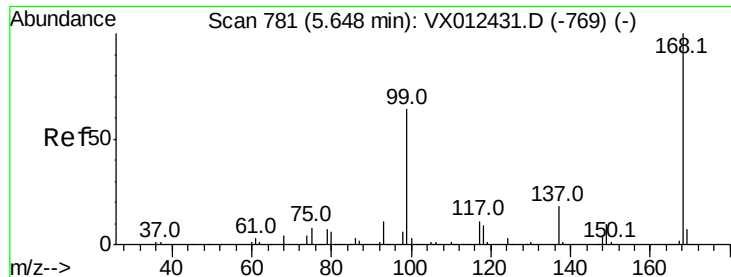
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012479.D

Acq: 18 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

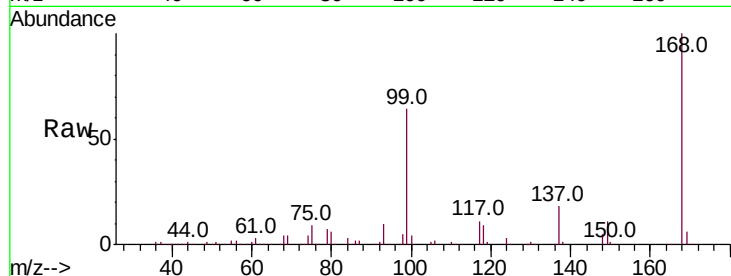
RE103D1-20190909DL

Tot Ion:168 Resp: 168168

Ion Ratio Lower Upper

168 100

99 64.1 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

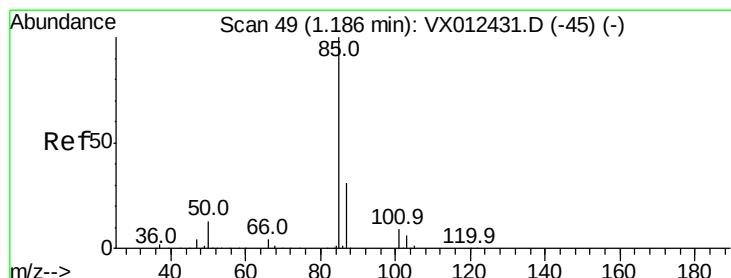
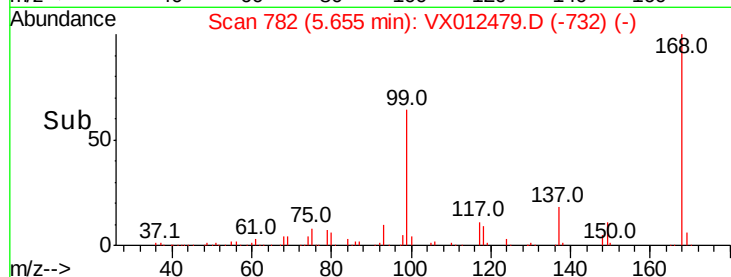
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 0.482 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.01 min

Lab File: VX012479.D

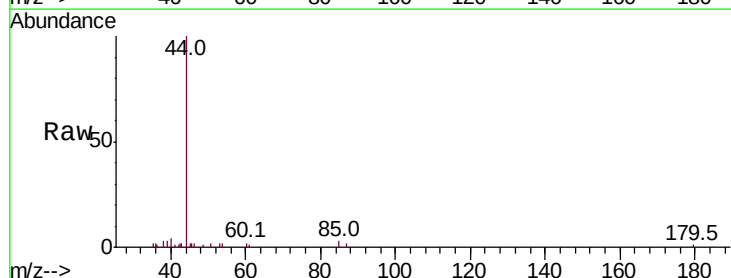
Acq: 18 Sep 2019 17:21

Tgt Ion: 85 Resp: 103

Ion Ratio Lower Upper

85 100

87 48.9 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

150

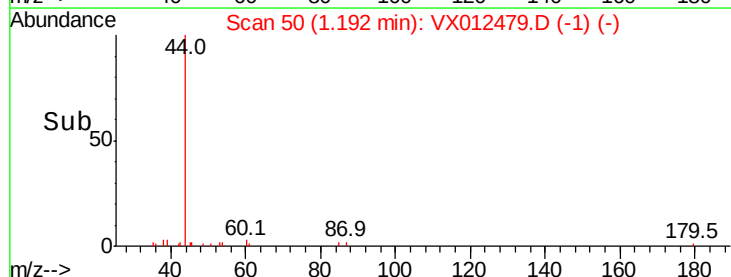
100

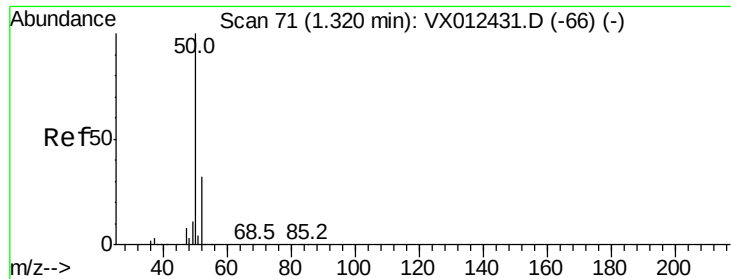
50

0

Time-->

1.16 1.18 1.20 1.22





#3

Chloromethane

Concen: 0.203 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012479.D

Acq: 18 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

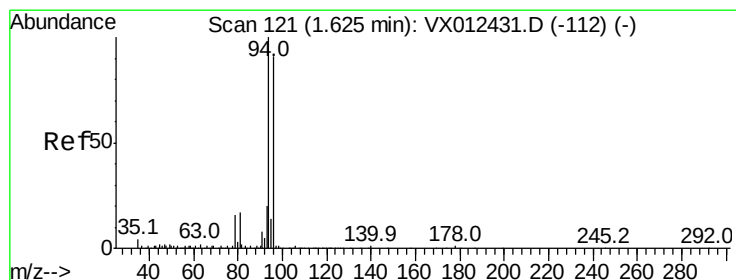
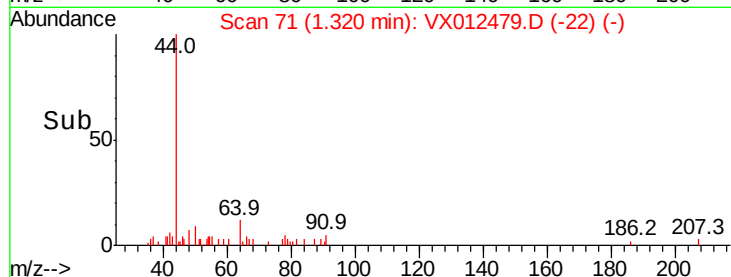
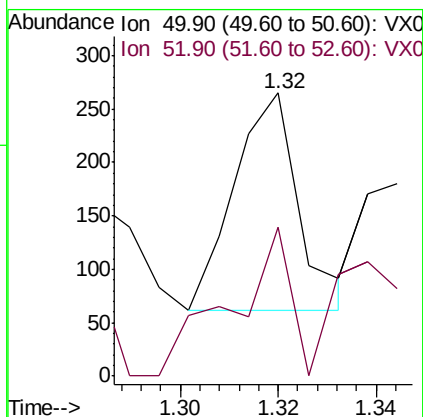
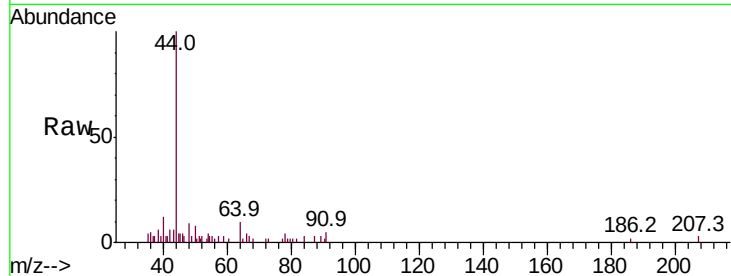
RE103D1-20190909DL

Tot Ion: 50 Resp: 188

Ion Ratio Lower Upper

50 100

52 40.2 25.7 38.5#



#5

Bromomethane

Concen: 1.080 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX012479.D

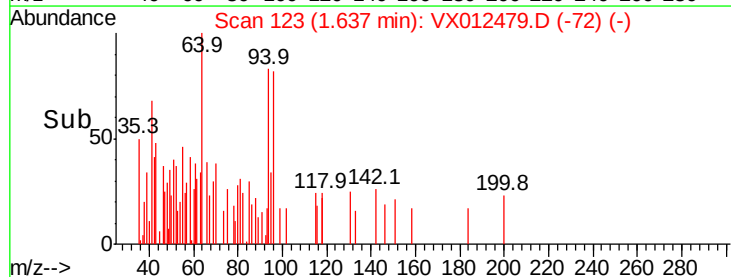
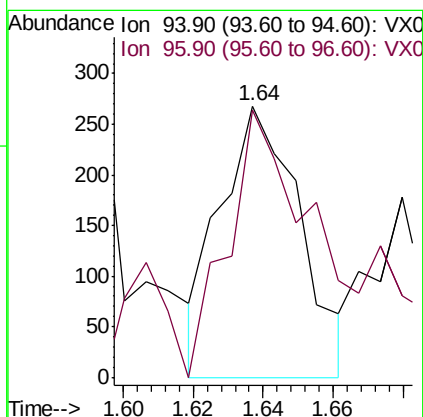
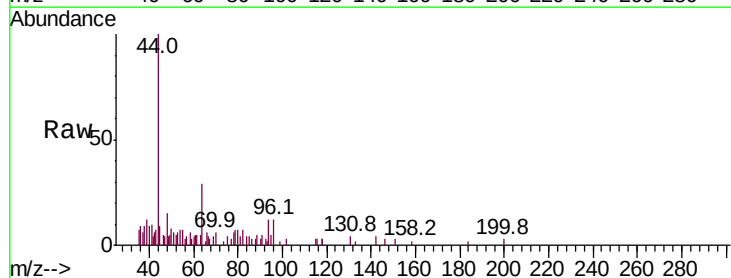
Acq: 18 Sep 2019 17:21

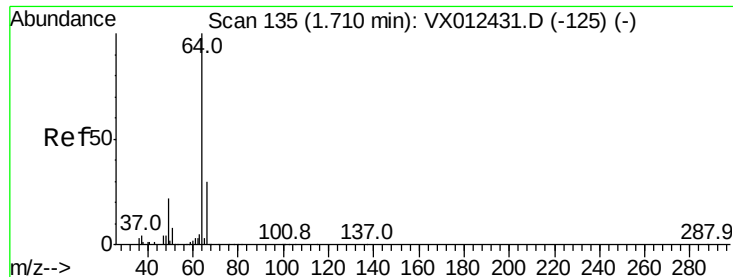
Tgt Ion: 94 Resp: 424

Ion Ratio Lower Upper

94 100

96 128.8 72.8 109.2#





#6

Chloroethane

Concen: 0.569 ug/l

RT: 1.76 min Scan# 143

Delta R.T. 0.05 min

Lab File: VX012479.D

Acq: 18 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

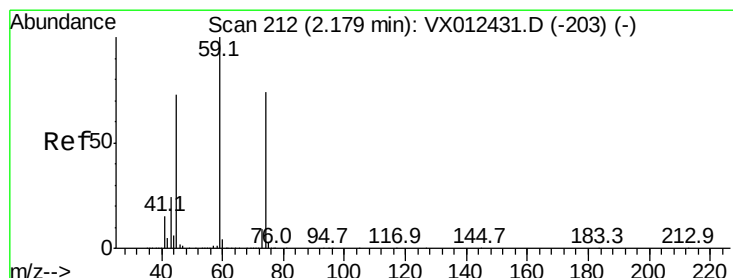
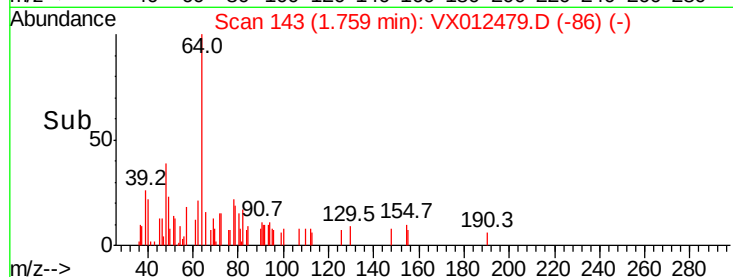
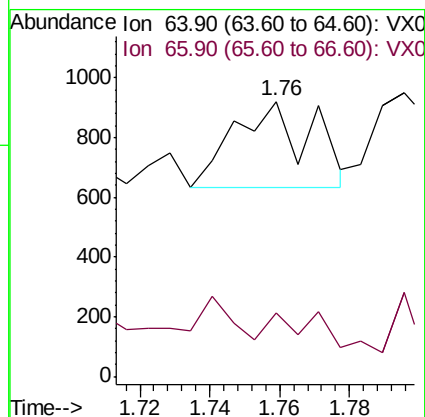
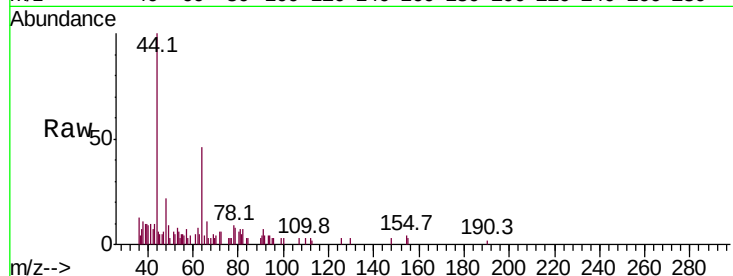
RE103D1-20190909DL

Tot Ion: 64 Resp: 445

Ion Ratio Lower Upper

64 100

66 40.1 24.0 36.0#



#8

Diethyl Ether

Concen: 0.354 ug/l

RT: 2.20 min Scan# 216

Delta R.T. 0.02 min

Lab File: VX012479.D

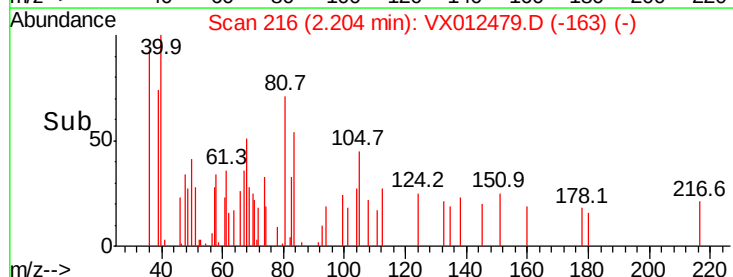
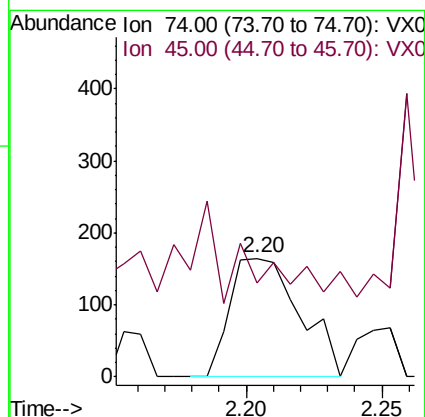
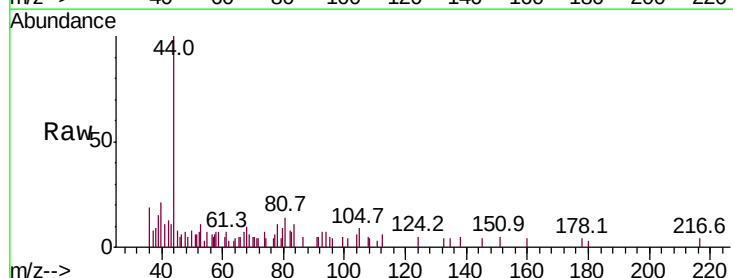
Acq: 18 Sep 2019 17:21

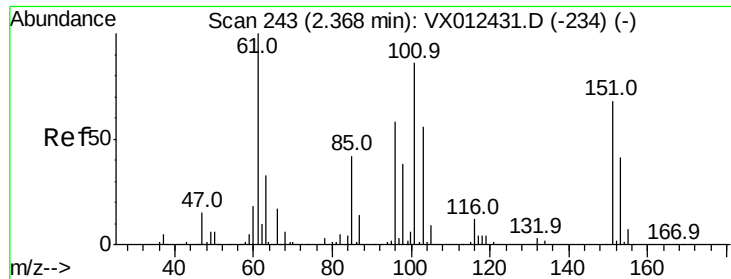
Tgt Ion: 74 Resp: 293

Ion Ratio Lower Upper

74 100

45 109.9 49.9 149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.522 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX012479.D

Acq: 18 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190909DL

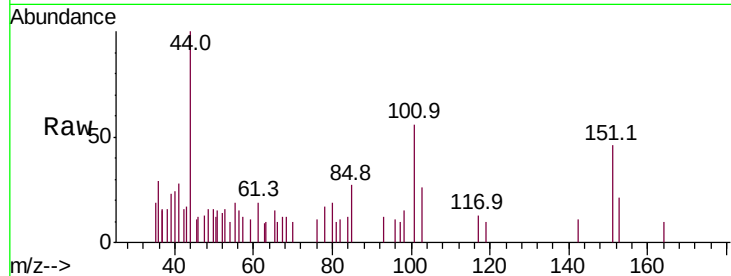
Tot Ion:101 Resp: 692

Ion Ratio Lower Upper

101 100

85 50.6 37.3 55.9

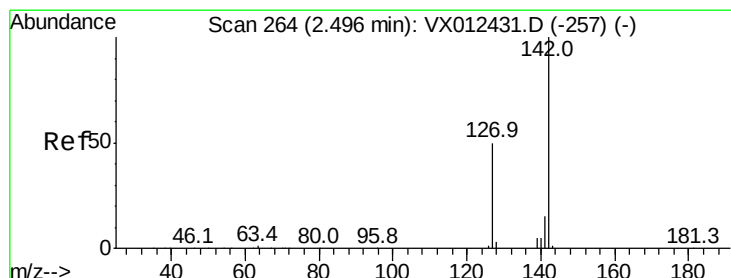
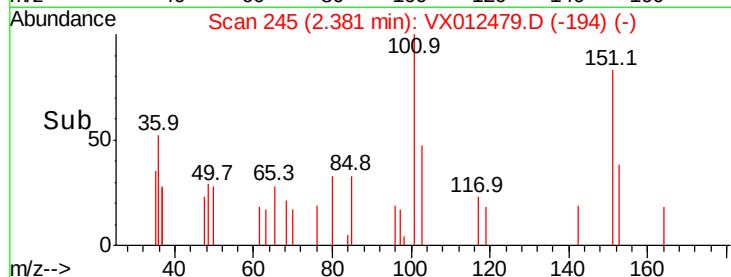
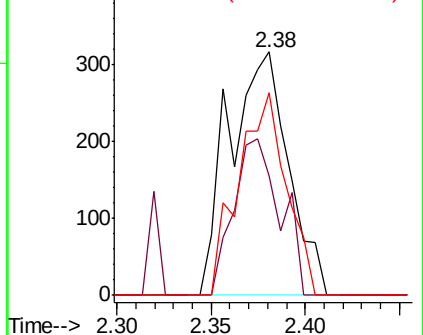
151 67.2 61.0 91.4



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: 4.857 ug/l

RT: 2.51 min Scan# 267

Delta R.T. 0.02 min

Lab File: VX012479.D

Acq: 18 Sep 2019 17:21

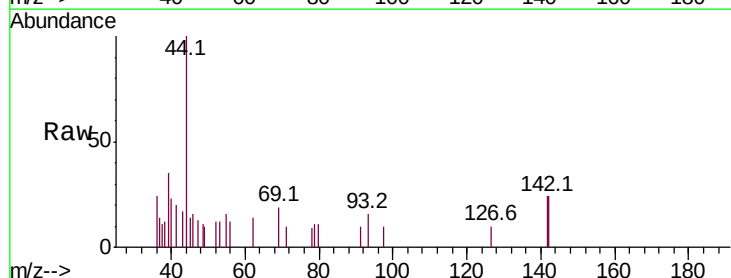
Tgt Ion:142 Resp: 518

Ion Ratio Lower Upper

142 100

127 25.5 40.8 61.2#

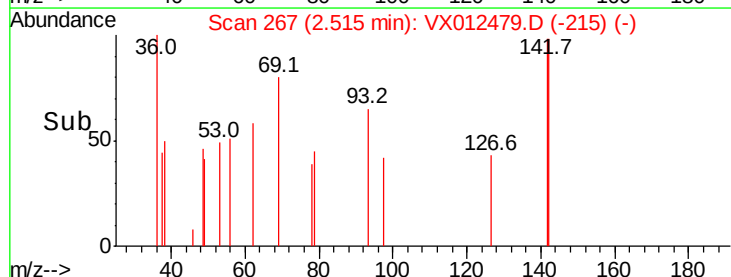
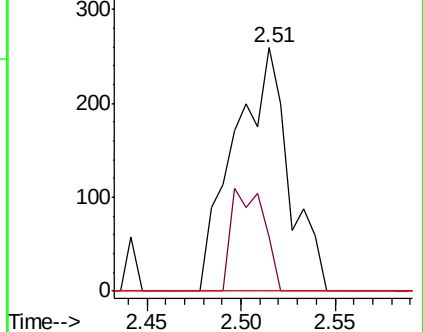
141 0.0 12.1 18.1#

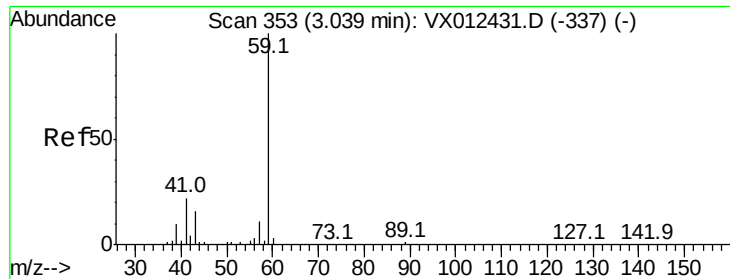


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

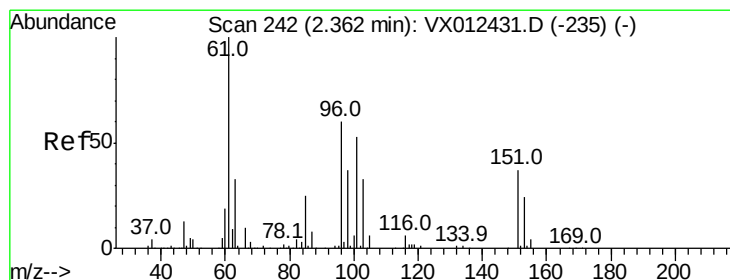
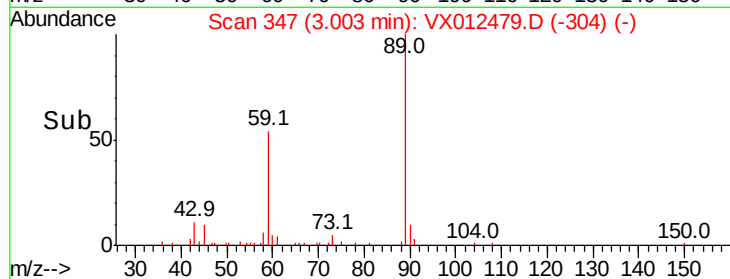
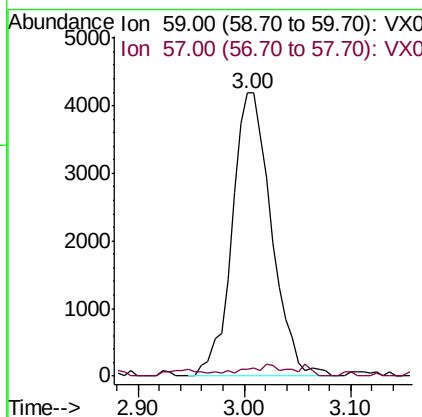
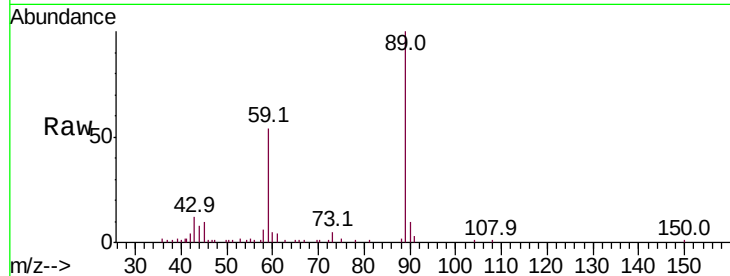




#11
Tert butyl alcohol
Concen: 12.118 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.04 min
Lab File: VX012479.D
Acq: 18 Sep 2019 17:21

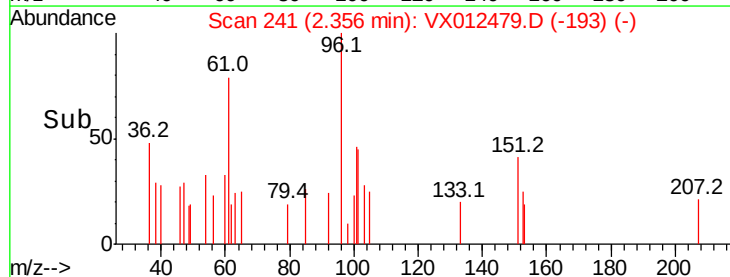
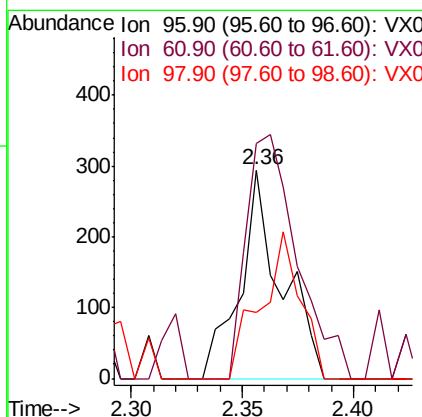
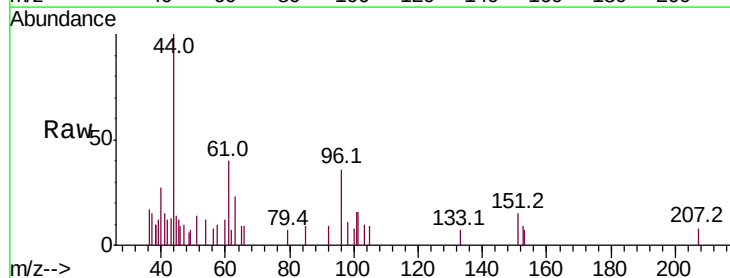
Instrument :
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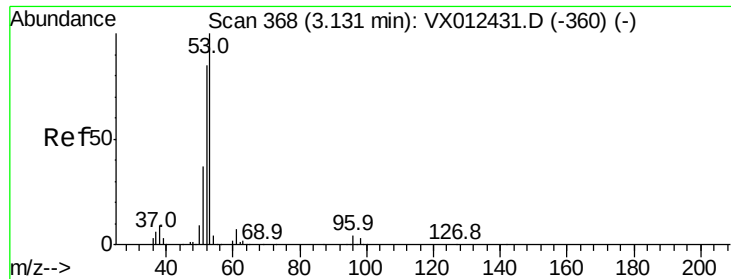
Tot Ion: 59 Resp: 10822
Ion Ratio Lower Upper
59 100
57 3.9 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 0.358 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.01 min
Lab File: VX012479.D
Acq: 18 Sep 2019 17:21

Tgt Ion: 96 Resp: 379
Ion Ratio Lower Upper
96 100
61 112.9 133.8 200.6#
98 32.0 49.9 74.9#





#15

Acrylonitrile

Concen: 0.406 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.01 min

Lab File: VX012479.D

Acq: 18 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleID :

RE103D1-20190909DL

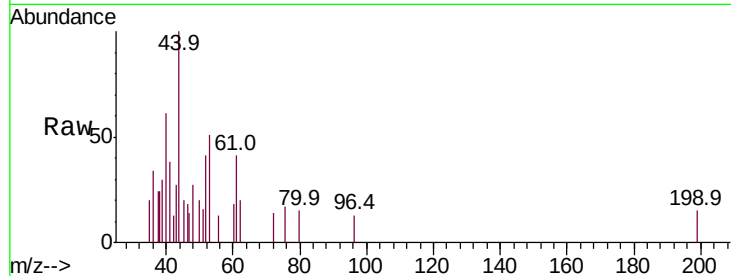
Tot Ion: 53 Resp: 424

Ion Ratio Lower Upper

53 100

52 85.6 67.0 100.4

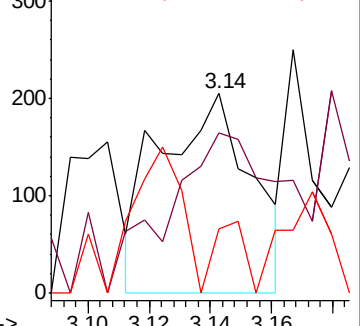
51 43.6 29.6 44.4



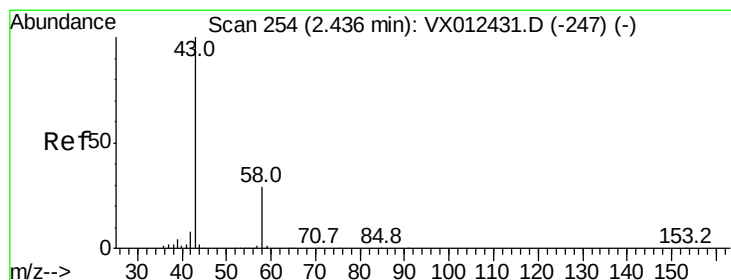
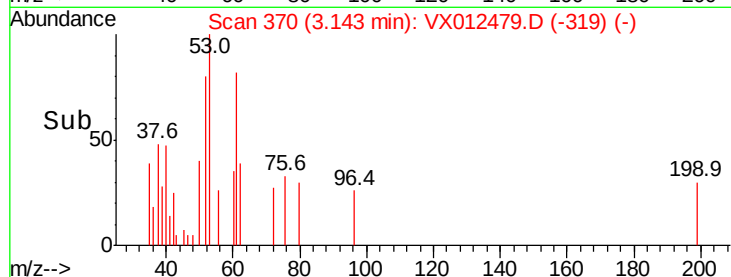
Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: Below Cal

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012479.D

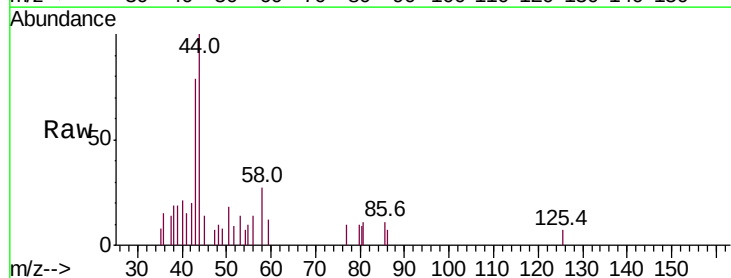
Acq: 18 Sep 2019 17:21

Tgt Ion: 43 Resp: 1343

Ion Ratio Lower Upper

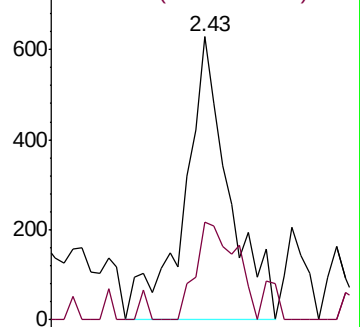
43 100

58 34.4 23.3 34.9

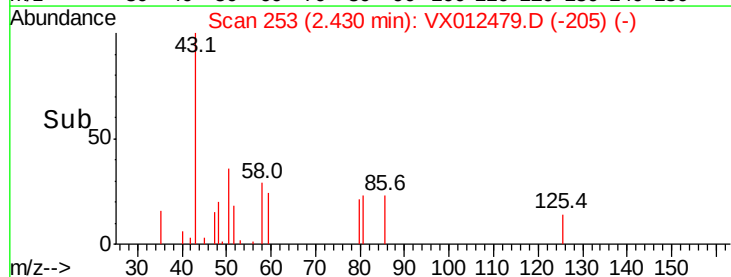


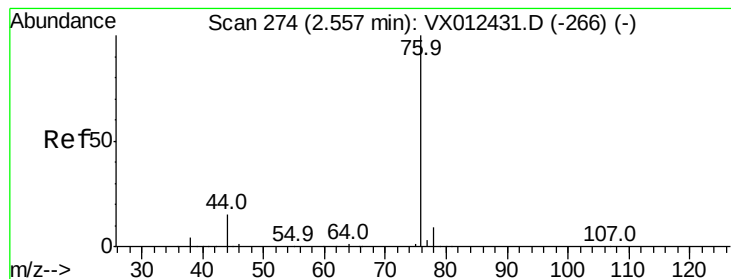
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->





#17

Carbon Disulfide

Concen: 2.171 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012479.D

Acq: 18 Sep 2019 17:21

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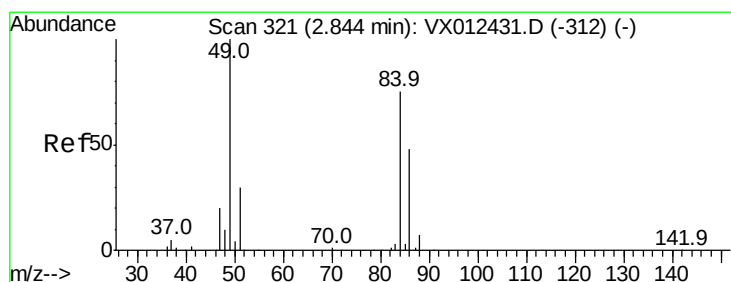
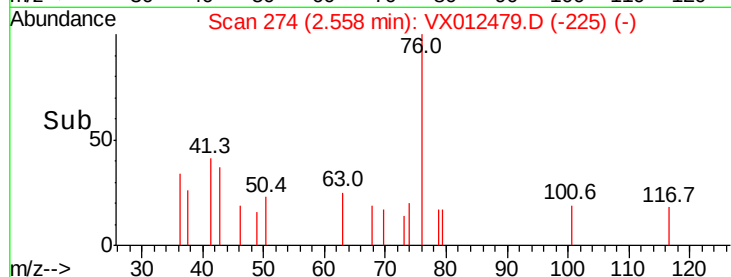
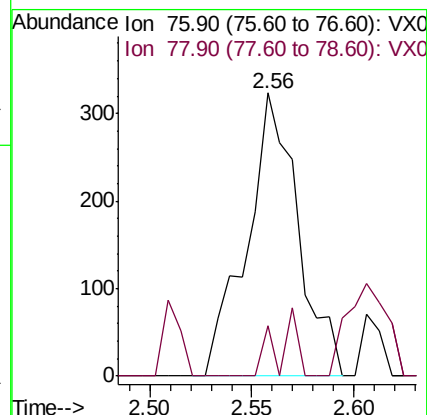
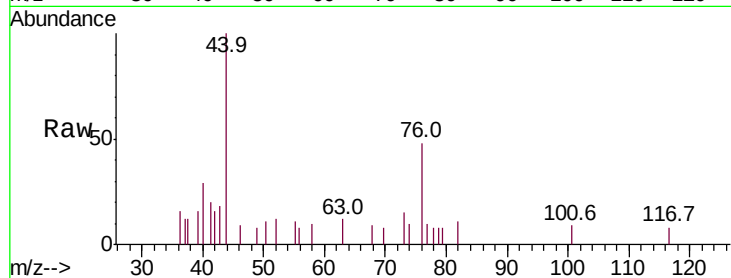
RE103D1-20190909DL

Tot Ion: 76 Resp: 565

Ion Ratio Lower Upper

76 100

78 17.6 7.3 10.9#



#20

Methylene Chloride

Concen: 0.326 ug/l

RT: 2.85 min Scan# 322

Delta R.T. 0.01 min

Lab File: VX012479.D

Acq: 18 Sep 2019 17:21

Tgt Ion: 84 Resp: 476

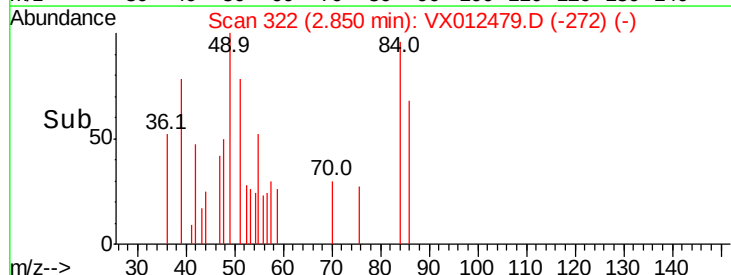
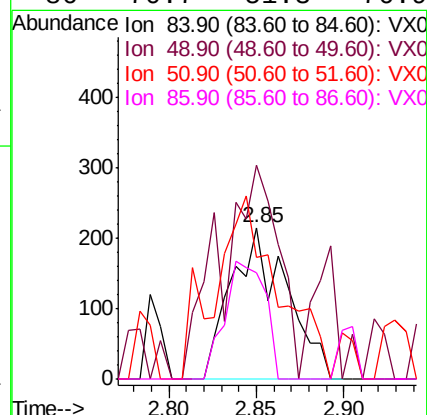
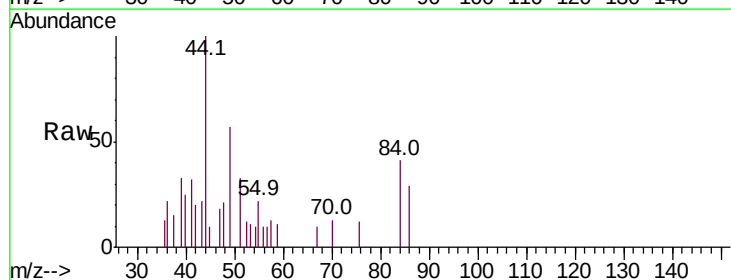
Ion Ratio Lower Upper

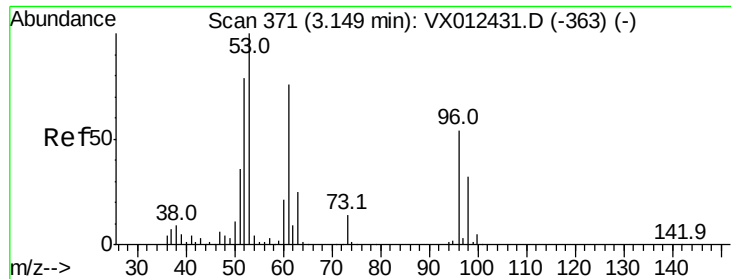
84 100

49 141.4 106.8 160.2

51 49.8 32.3 48.5#

86 70.7 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 0.262 ug/l

RT: 3.17 min Scan# 374

Delta R.T. 0.02 min

Lab File: VX012479.D

Acq: 18 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190909DL

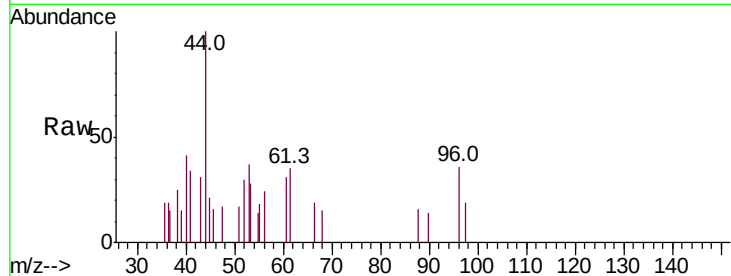
Tot Ion: 96 Resp: 288

Ion Ratio Lower Upper

96 100

61 183.3 112.0 168.0#

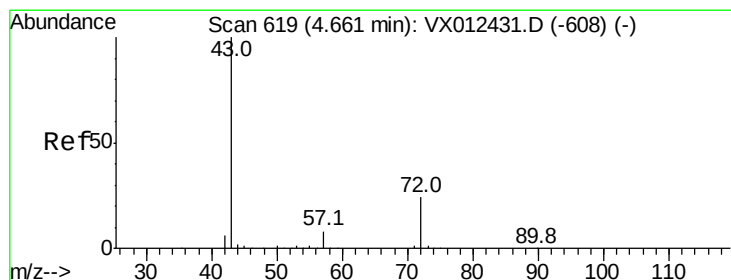
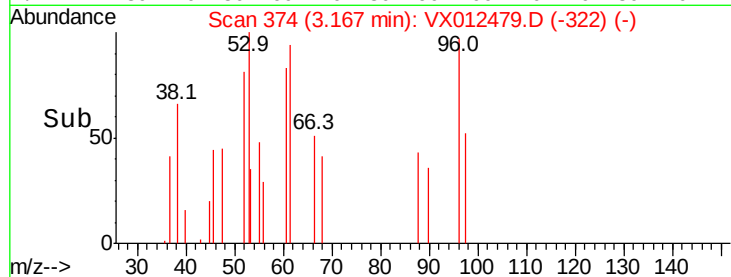
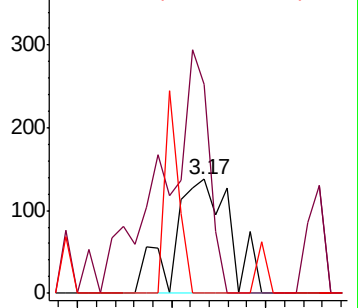
98 0.0 47.8 71.8#



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



#25

2-Butanone

Concen: 0.462 ug/l

RT: 4.69 min Scan# 624

Delta R.T. 0.03 min

Lab File: VX012479.D

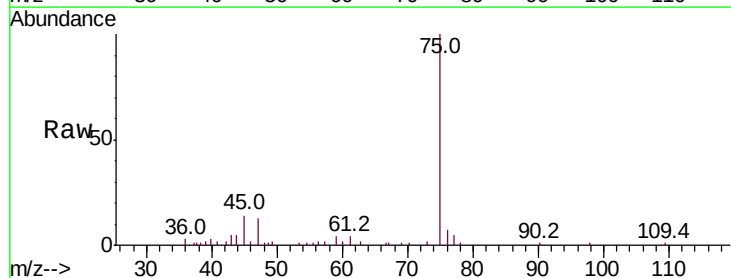
Acq: 18 Sep 2019 17:21

Tgt Ion: 43 Resp: 772

Ion Ratio Lower Upper

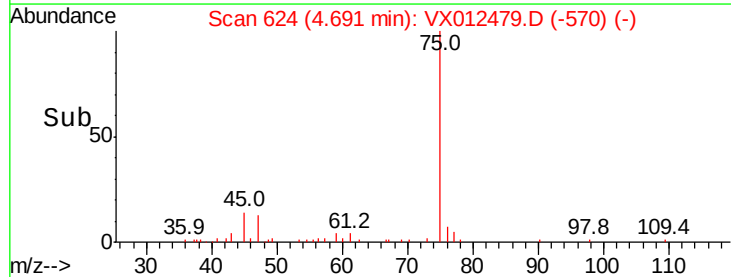
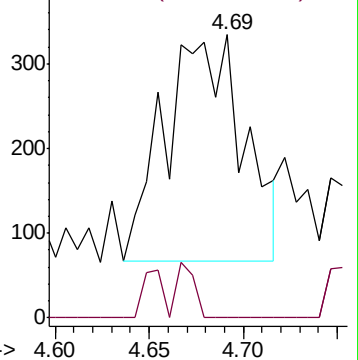
43 100

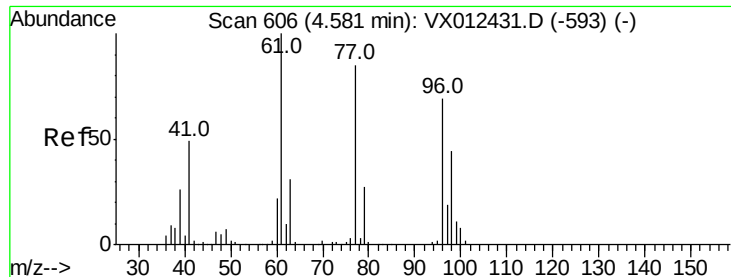
72 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



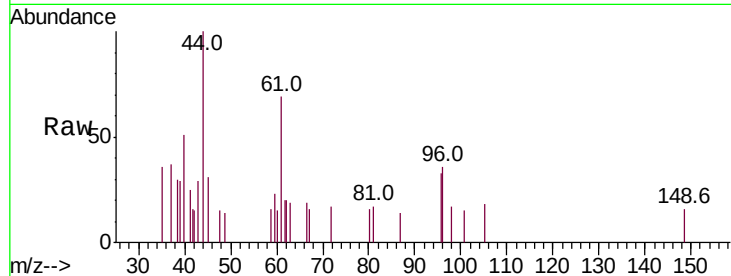


#27

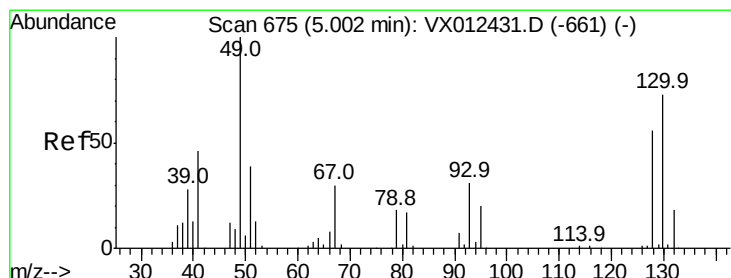
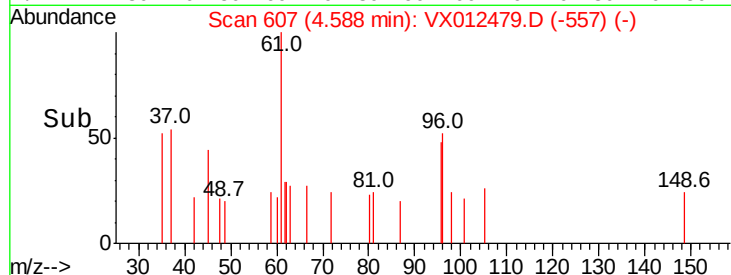
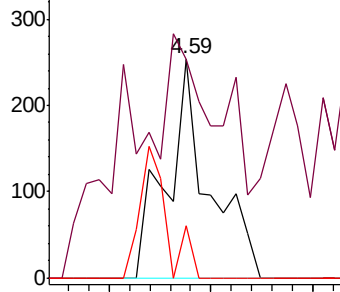
cis-1,2-Dichloroethene
 Concen: 0.221 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX012479.D
 Acq: 18 Sep 2019 17:21

Instrument :
 MSVOA_X
 ClientSampleID :
 RE103D1-20190909DL

Tot Ion: 96 Resp: 363
 Ion Ratio Lower Upper
 96 100
 61 128.9 0.0 319.4
 98 0.0 0.0 130.6



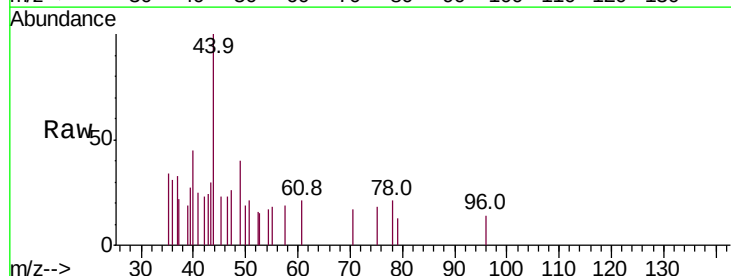
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



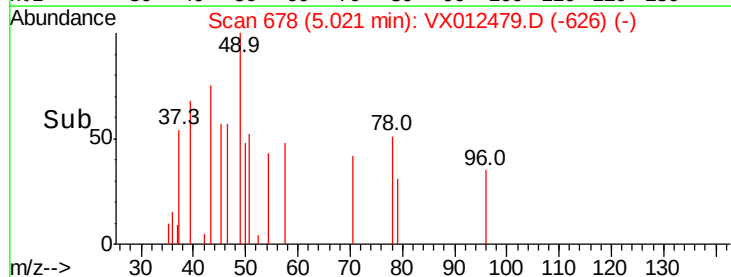
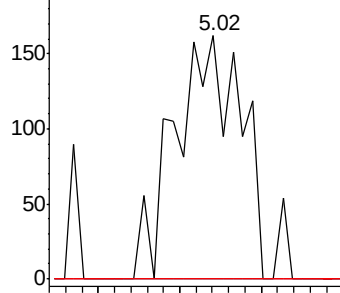
#28

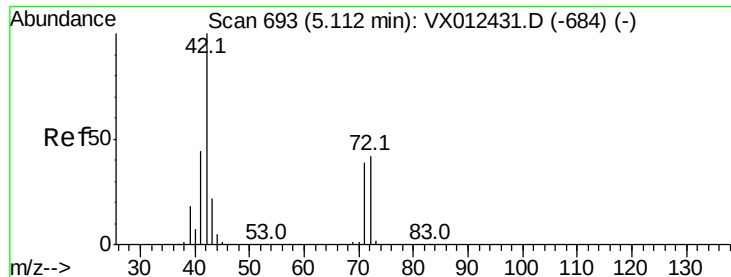
Bromochloromethane
 Concen: 0.324 ug/l
 RT: 5.02 min Scan# 678
 Delta R.T. 0.02 min
 Lab File: VX012479.D
 Acq: 18 Sep 2019 17:21

Tgt Ion: 49 Resp: 460
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 0.0 58.2 87.4#



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

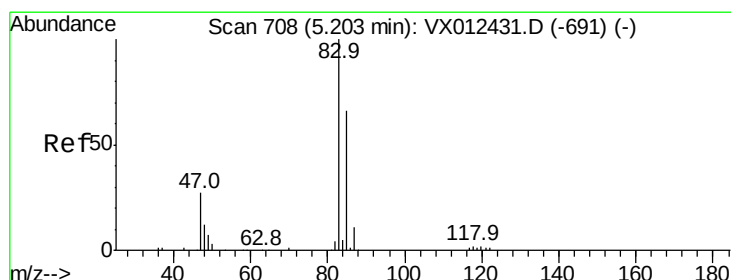
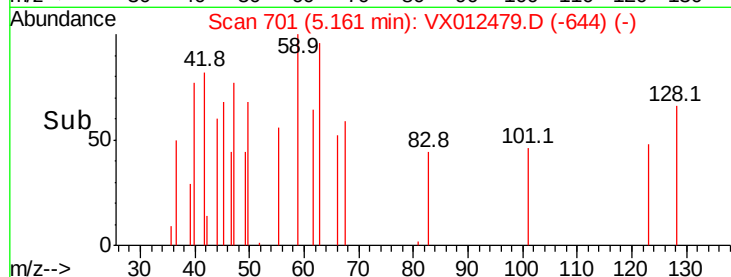
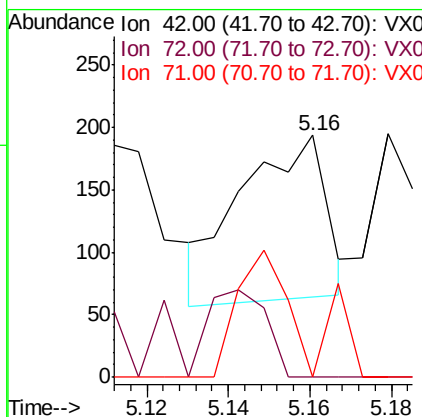
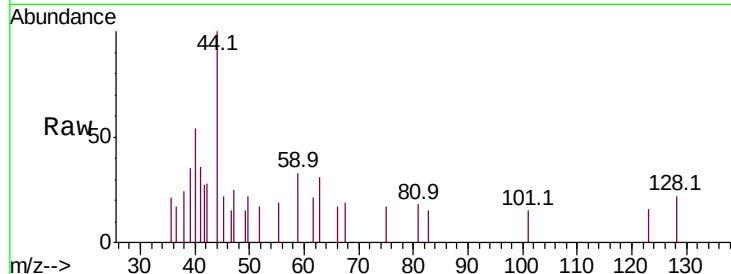




#29
Tetrahydrofuran
Concen: 0.206 ug/l
RT: 5.16 min Scan# 701
Delta R.T. 0.05 min
Lab File: VX012479.D
Acq: 18 Sep 2019 17:21

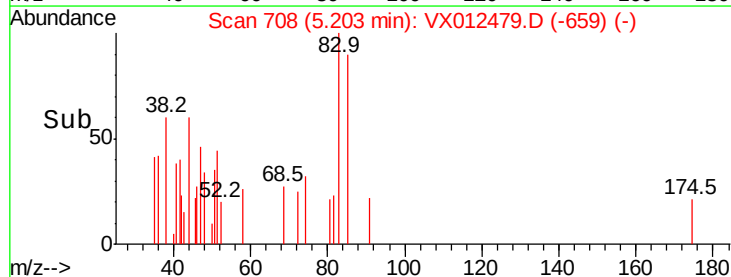
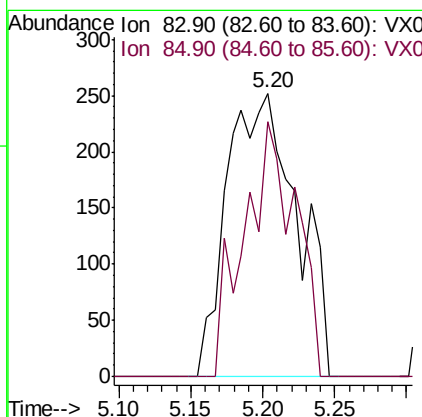
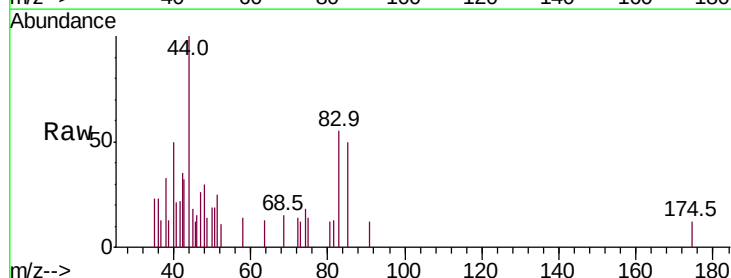
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190909DL

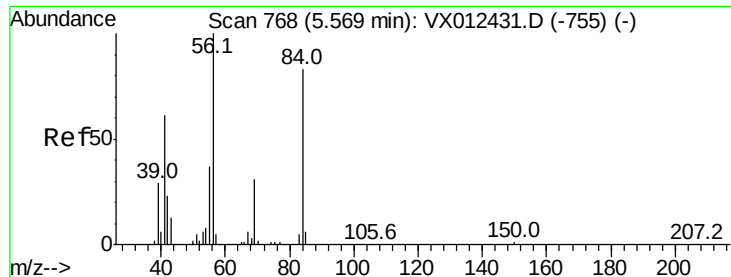
Tot Ion: 42 Resp: 190
Ion Ratio Lower Upper
42 100
72 48.4 34.0 51.0
71 45.3 31.5 47.3



#30
Chloroform
Concen: 0.269 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX012479.D
Acq: 18 Sep 2019 17:21

Tgt Ion: 83 Resp: 851
Ion Ratio Lower Upper
83 100
85 90.1 53.0 79.4#

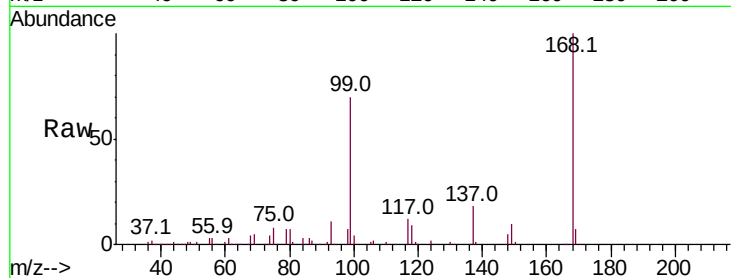




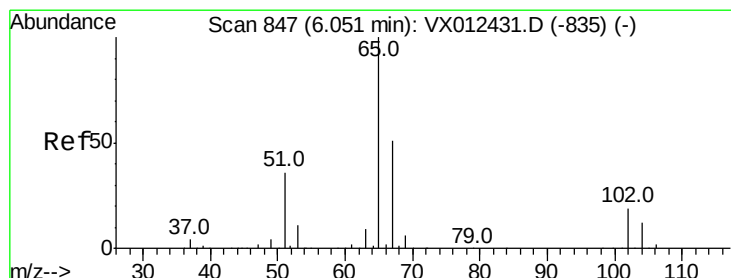
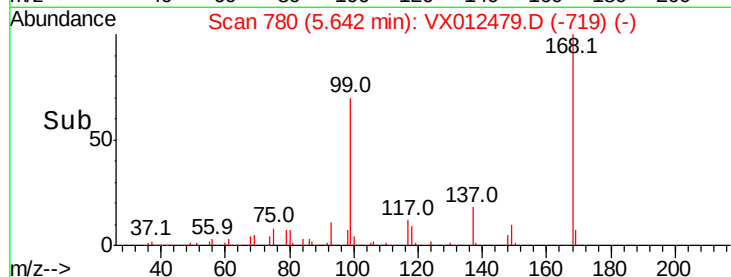
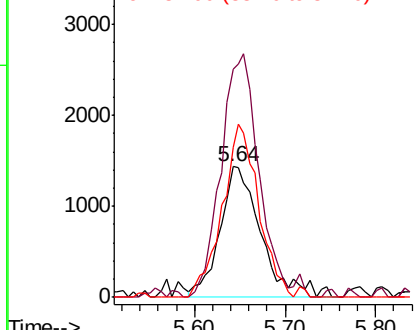
#31
Cyclohexane
Concen: 2.724 ug/l
RT: 5.64 min Scan# 780
Delta R.T. 0.07 min
Lab File: VX012479.D
Acq: 18 Sep 2019 17:21

Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190909DL

Tot Ion: 56 Resp: 4534
Ion Ratio Lower Upper
56 100
69 174.8 25.0 37.6#
84 115.3 66.4 99.6#

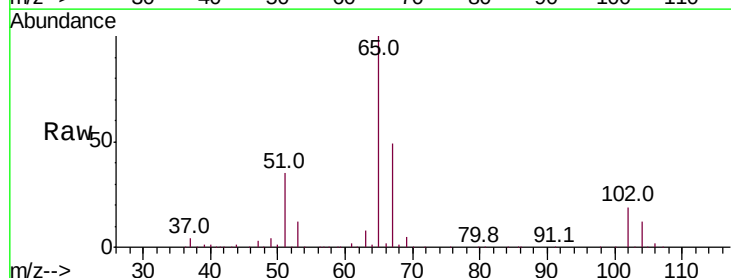


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

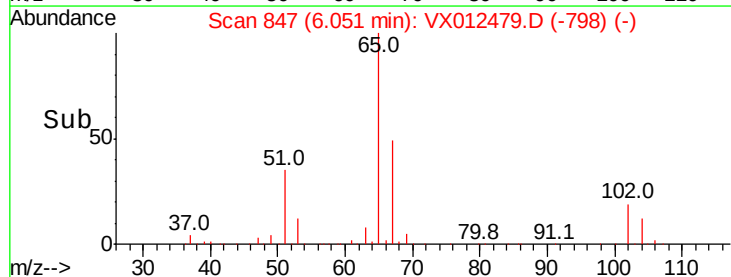
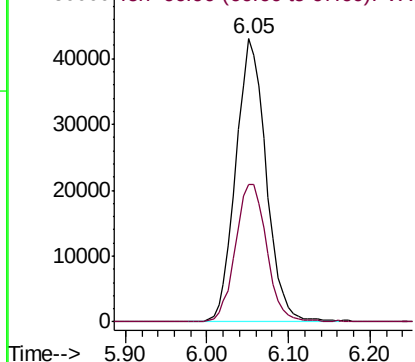


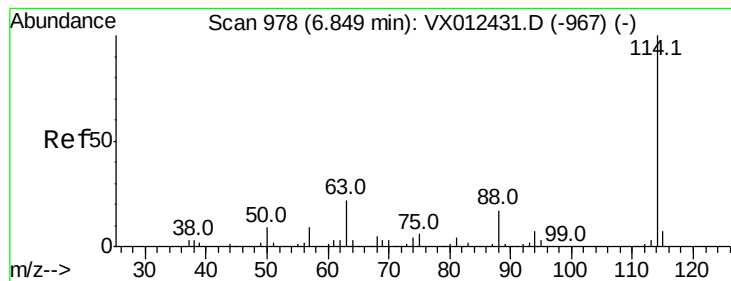
#33
1,2-Dichloroethane-d4
Concen: 45.983 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX012479.D
Acq: 18 Sep 2019 17:21

Tgt Ion: 65 Resp: 110827
Ion Ratio Lower Upper
65 100
67 50.2 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: VX012479.D

Acq: 18 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190909DL

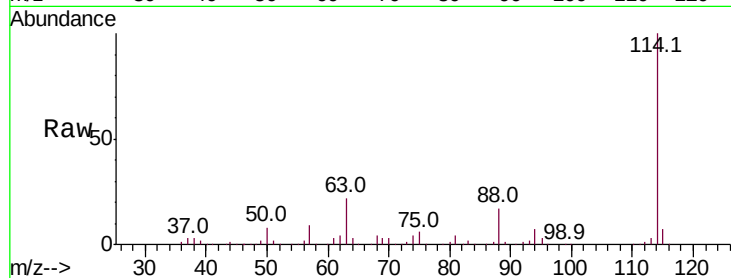
Tot Ion:114 Resp: 265312

Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.2

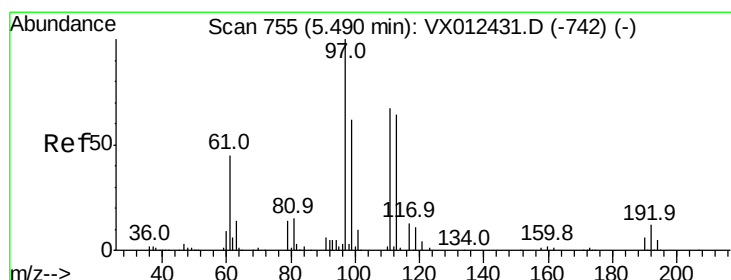
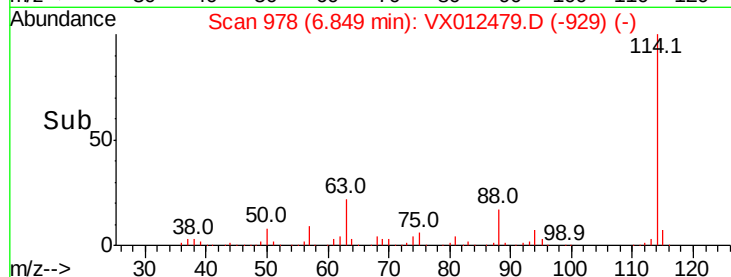
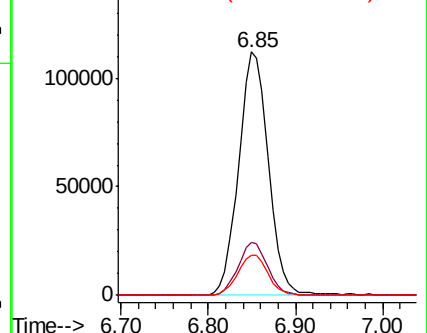
88 16.6 0.0 33.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.226 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012479.D

Acq: 18 Sep 2019 17:21

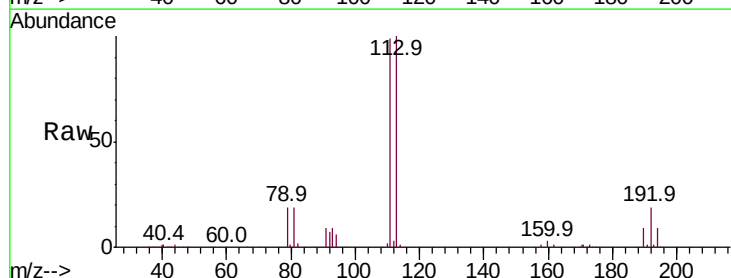
Tgt Ion:113 Resp: 79048

Ion Ratio Lower Upper

113 100

111 102.9 83.4 125.2

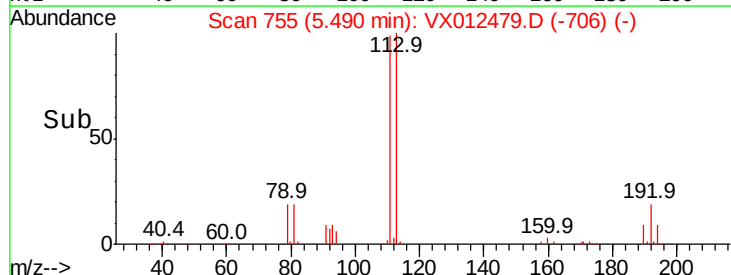
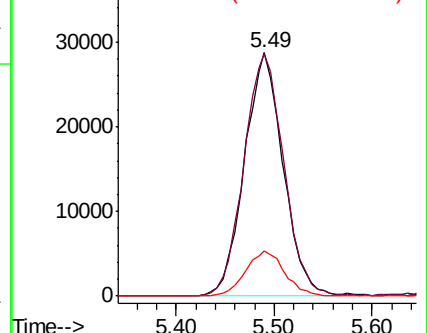
192 18.8 14.4 21.6

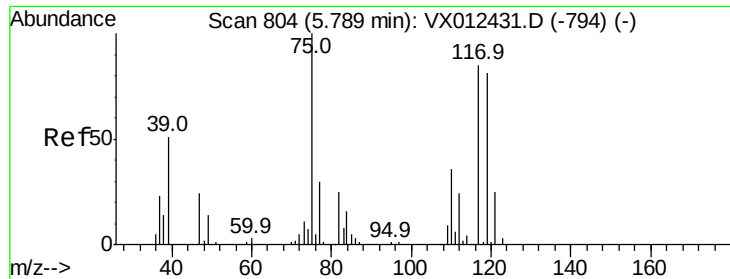


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

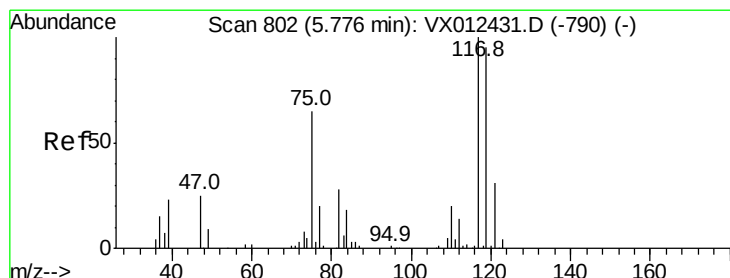
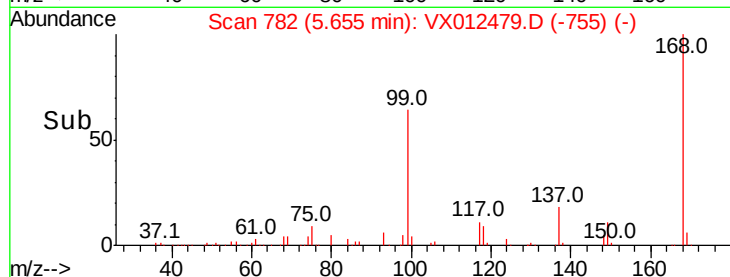
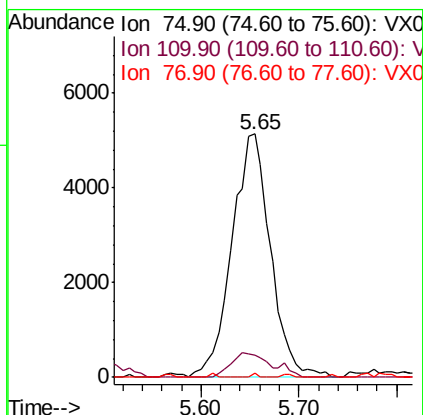
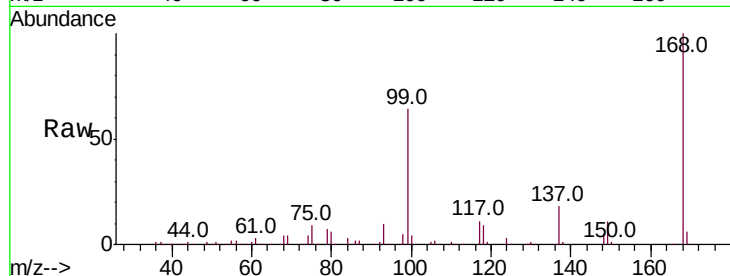




#36
 1,1-Dichloropropene
 Concen: 8.732 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. -0.13 min
 Lab File: VX012479.D
 Acq: 18 Sep 2019 17:21

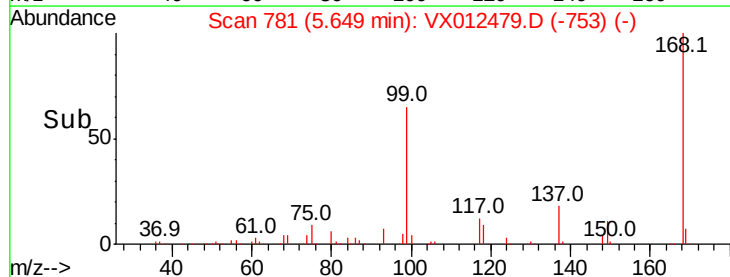
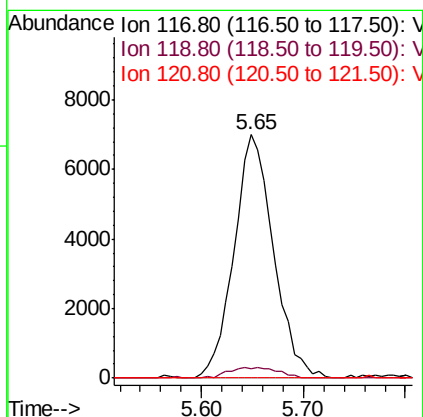
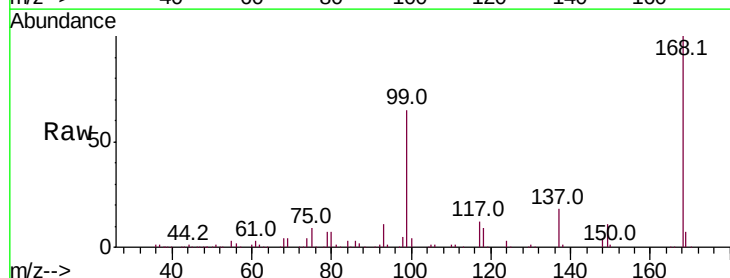
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20190909DL

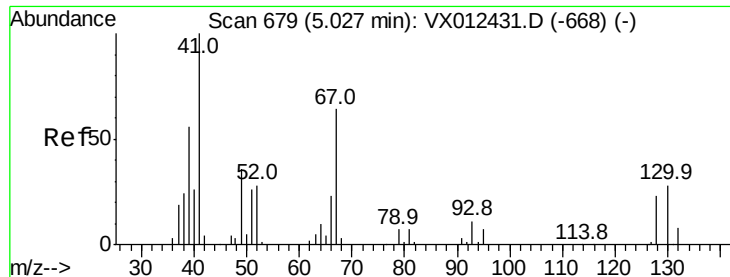
Tot Ion: 75 Resp: 14080
 Ion Ratio Lower Upper
 75 100
 110 10.9 16.7 50.0#
 77 0.2 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 9.366 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.13 min
 Lab File: VX012479.D
 Acq: 18 Sep 2019 17:21

Tgt Ion: 117 Resp: 18782
 Ion Ratio Lower Upper
 117 100
 119 3.9 75.7 113.5#
 121 0.0 24.2 36.4#





#41

Methacrylonitrile

Concen: 0.216 ug/l

RT: 5.04 min Scan# 681

Delta R.T. 0.01 min

Lab File: VX012479.D

Acq: 18 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190909DL

Tot Ion: 41 Resp: 344

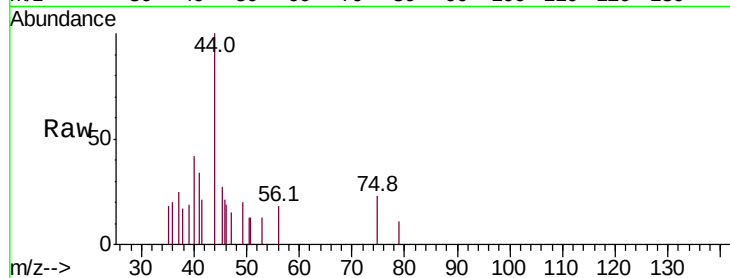
Ion Ratio Lower Upper

41 100

39 0.0 46.0 69.0#

67 0.0 52.2 78.2#

52 29.1 22.7 34.1

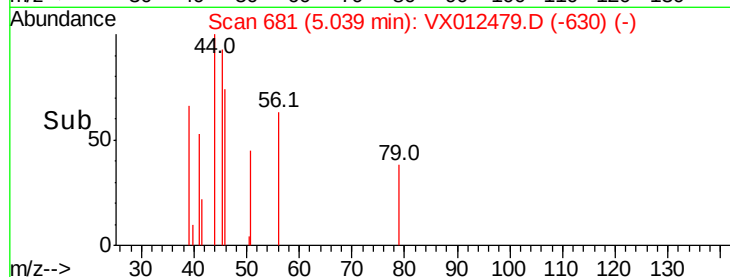
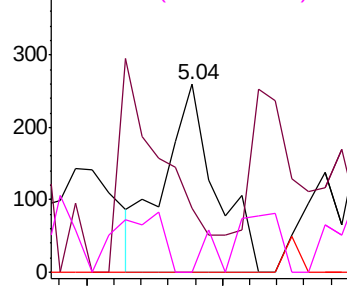


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#44

Trichloroethene

Concen: 34.591 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012479.D

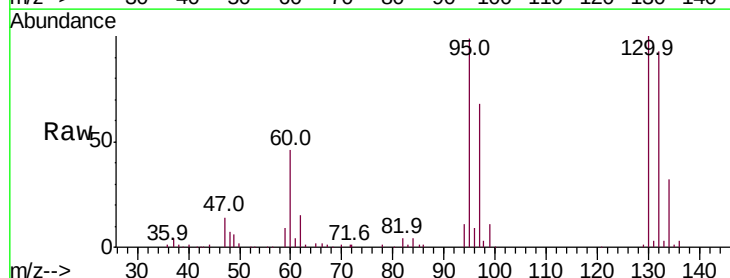
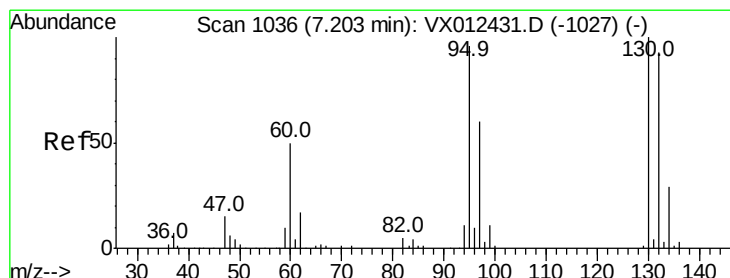
Acq: 18 Sep 2019 17:21

Tgt Ion:130 Resp: 46656

Ion Ratio Lower Upper

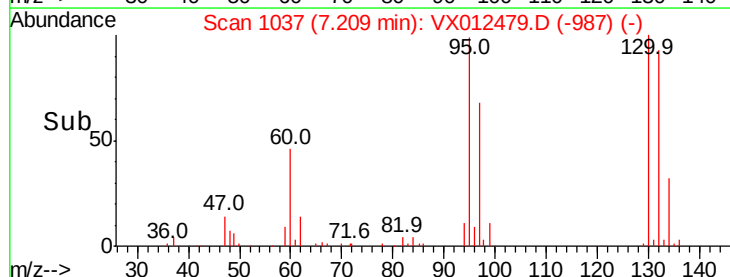
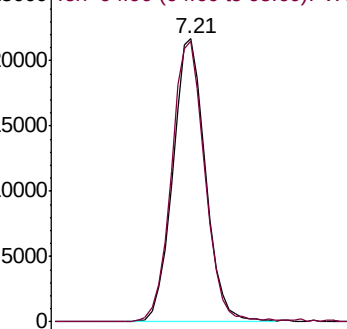
130 100

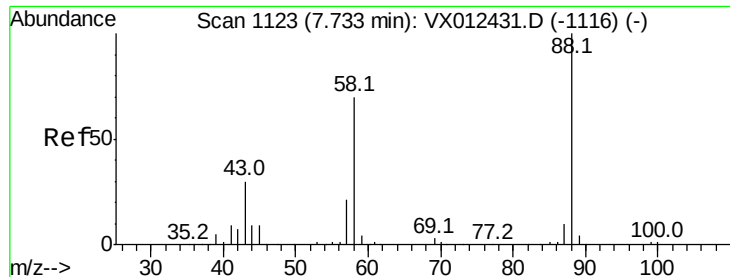
95 99.1 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

25000 Ion 94.90 (94.60 to 95.60): VX0





#49

1,4-Dioxane

Concen: 1.629 ug/l

RT: 7.75 min Scan# 1126

Delta R.T. 0.02 min

Lab File: VX012479.D

Acq: 18 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190909DL

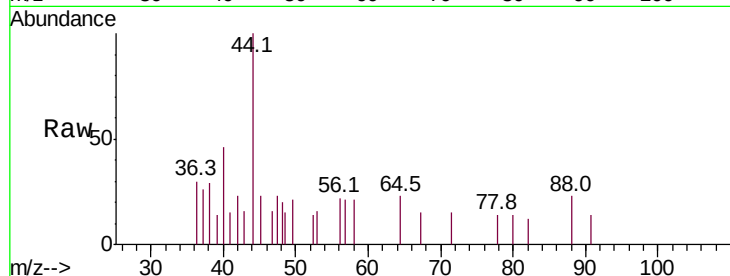
Tot Ion: 88 Resp: 83

Ion Ratio Lower Upper

88 100

43 0.0 29.4 44.0#

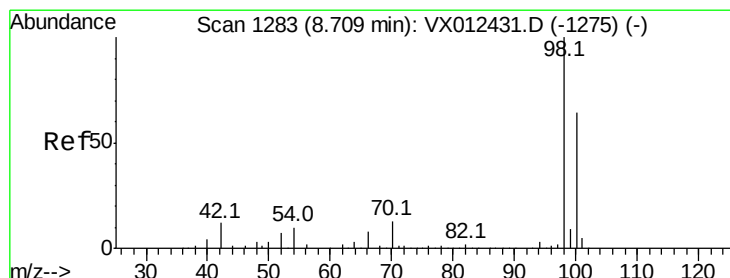
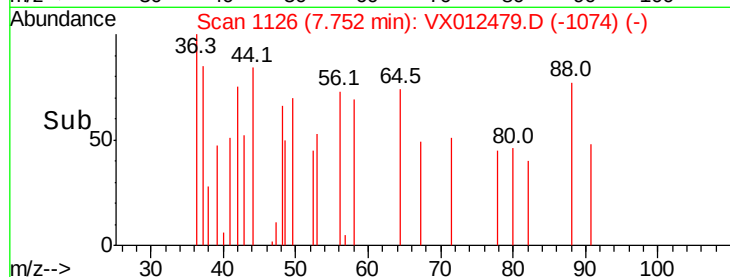
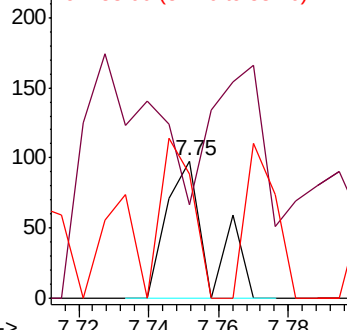
58 89.2 57.5 86.3#



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



#50

Toluene-d8

Concen: 50.420 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012479.D

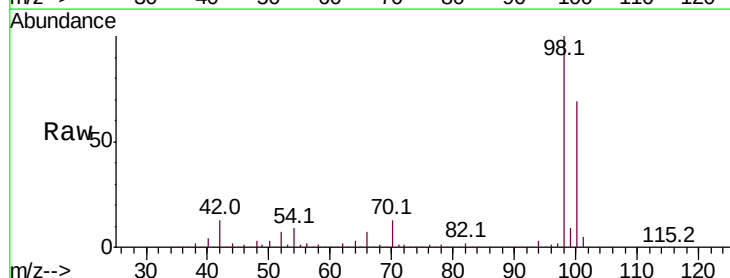
Acq: 18 Sep 2019 17:21

Tgt Ion: 98 Resp: 299688

Ion Ratio Lower Upper

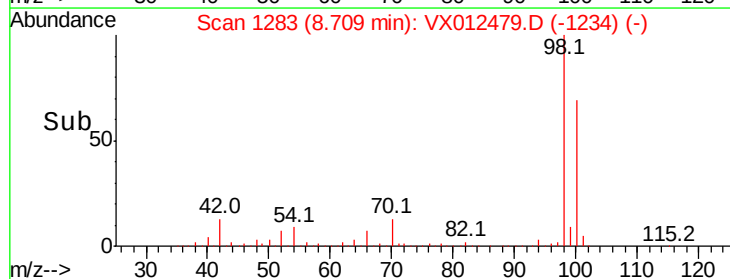
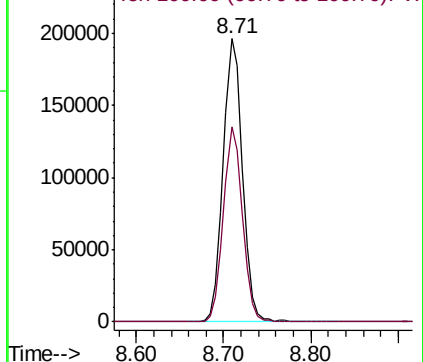
98 100

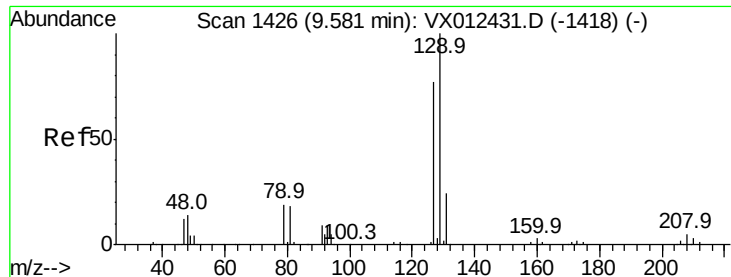
100 67.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#60

Dibromochloromethane

Concen: 0.262 ug/l

RT: 9.34 min Scan# 1387

Delta R.T. -0.24 min

Lab File: VX012479.D

Acq: 18 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

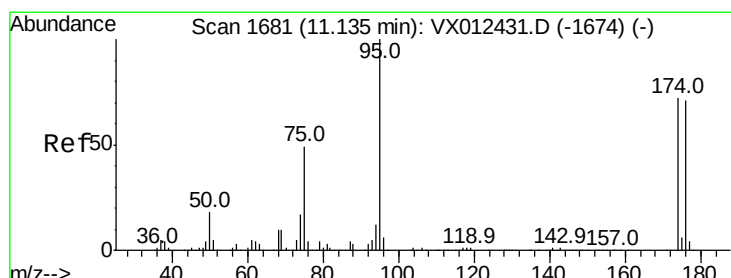
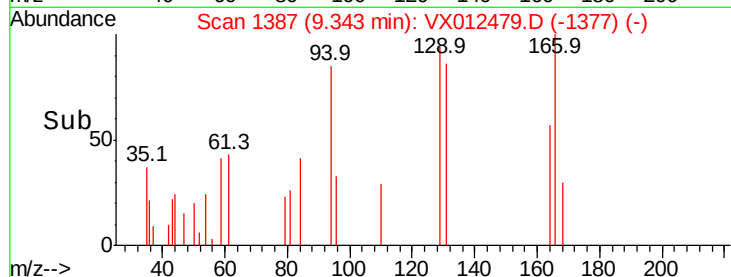
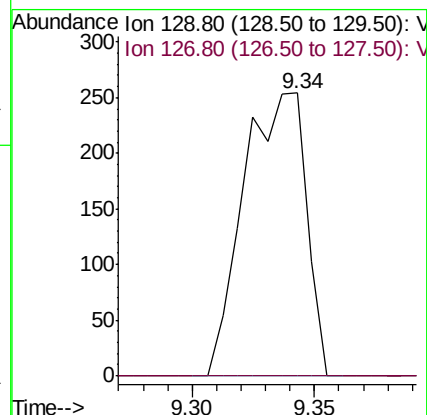
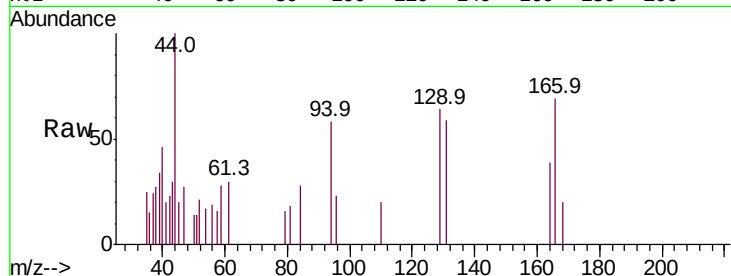
RE103D1-20190909DL

Tot Ion:129 Resp: 454

Ion Ratio Lower Upper

129 100

127 0.0 38.9 116.6#



#62

4-Bromofluorobenzene

Concen: 42.454 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012479.D

Acq: 18 Sep 2019 17:21

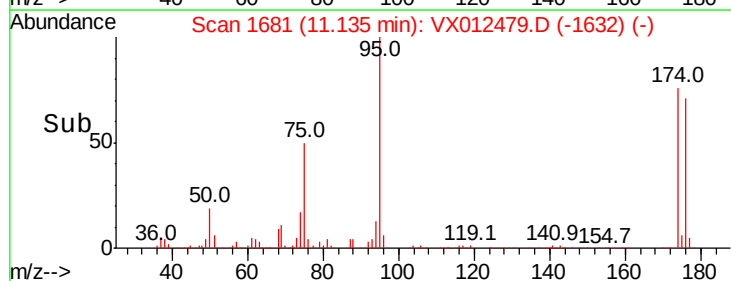
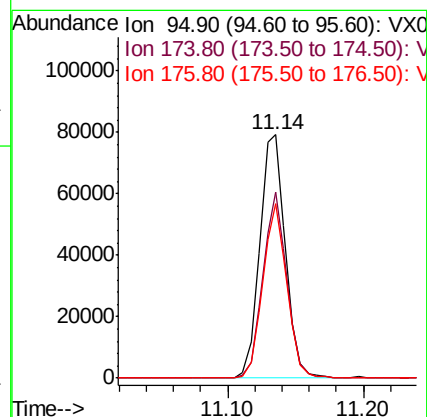
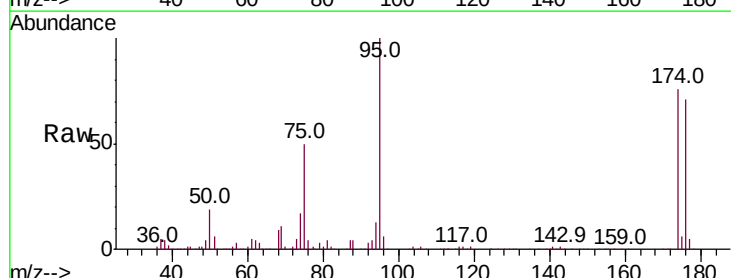
Tgt Ion: 95 Resp: 104773

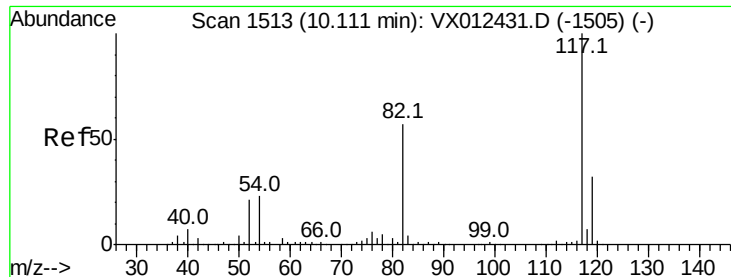
Ion Ratio Lower Upper

95 100

174 71.7 0.0 140.0

176 67.6 0.0 135.4

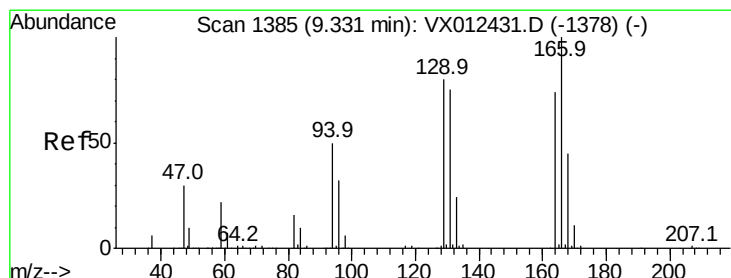
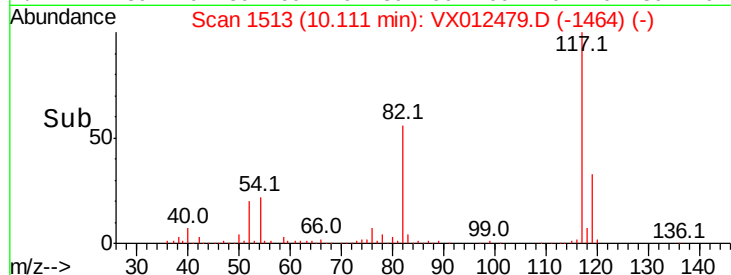
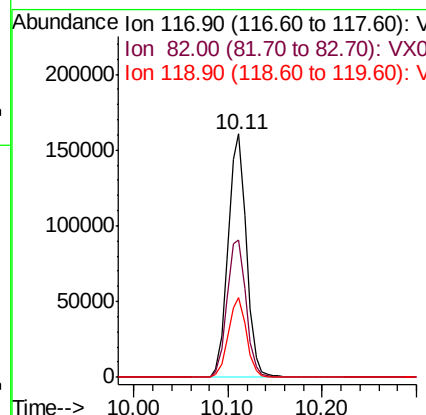
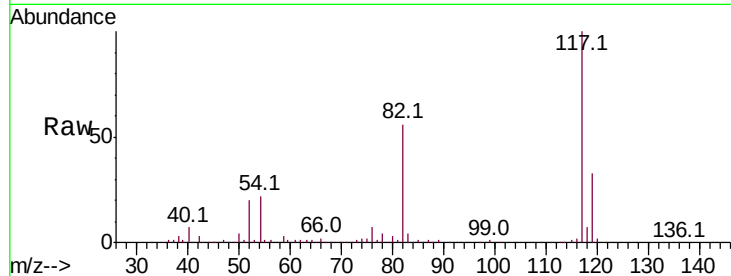




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012479.D
Acq: 18 Sep 2019 17:21

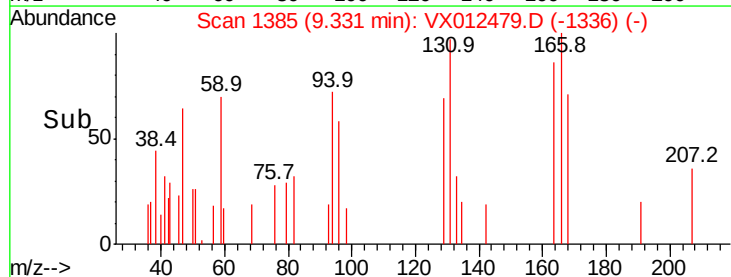
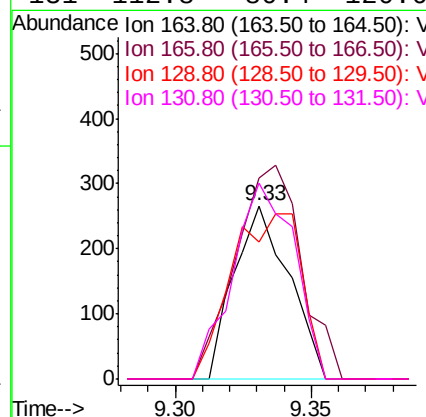
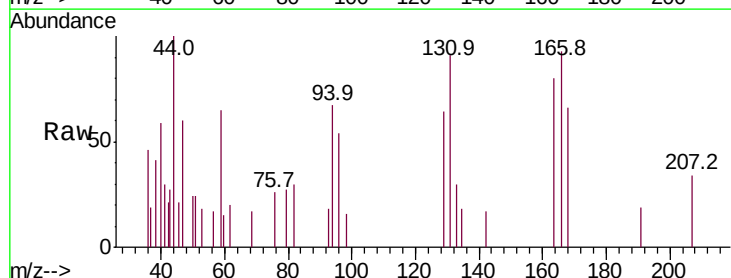
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20190909DL

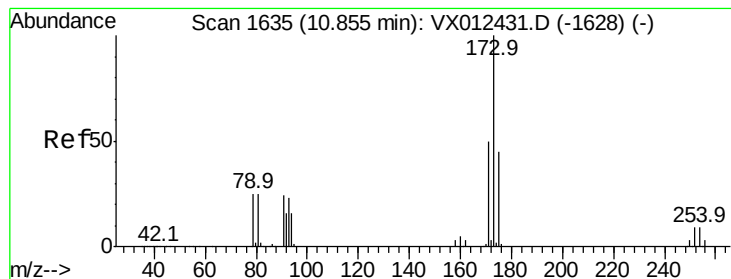
Tot Ion:117 Resp: 216704
Ion Ratio Lower Upper
117 100
82 56.3 45.9 68.9
119 32.7 25.3 37.9



#64
Tetrachloroethene
Concen: 0.374 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012479.D
Acq: 18 Sep 2019 17:21

Tgt Ion:164 Resp: 371
Ion Ratio Lower Upper
164 100
166 115.8 107.8 161.6
129 79.3 86.2 129.2#
131 112.8 80.4 120.6





#71

Bromoform

Concen: 2.969 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.27 min

Lab File: VX012479.D

Acq: 18 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20190909DL

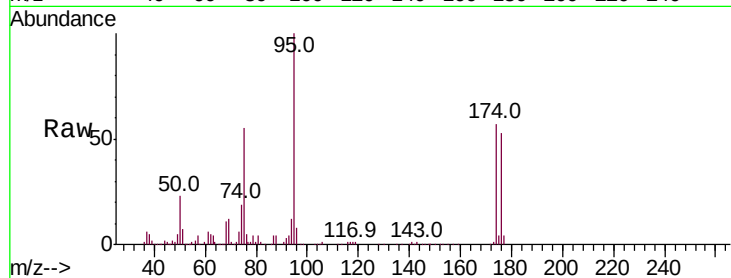
Tot Ion:173 Resp: 135

Ion Ratio Lower Upper

173 100

175 0.0 23.7 71.1#

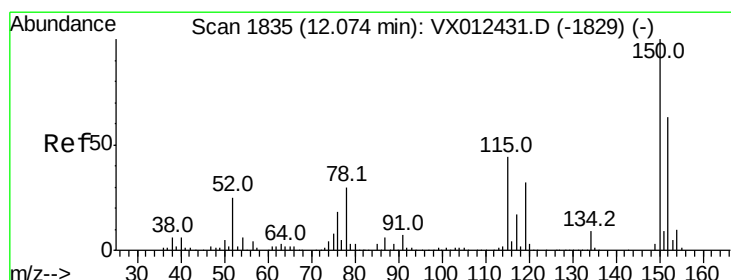
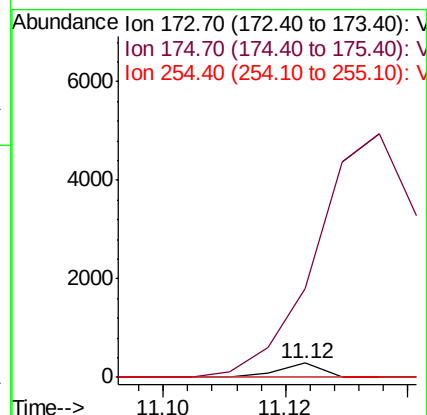
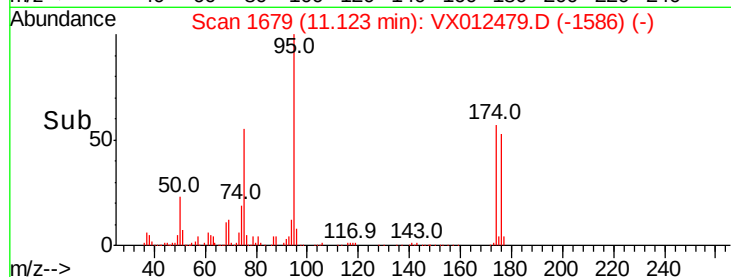
254 0.0 0.1 0.1#



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: VX012479.D

Acq: 18 Sep 2019 17:21

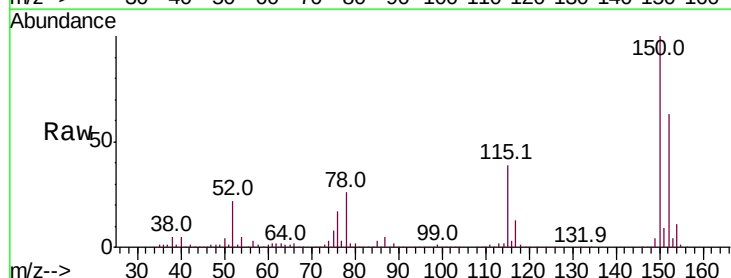
Tgt Ion:152 Resp: 82550

Ion Ratio Lower Upper

152 100

115 63.4 44.1 132.3

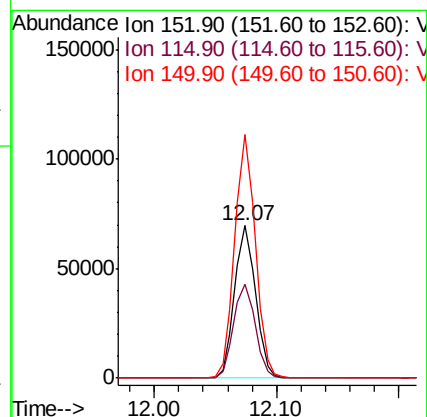
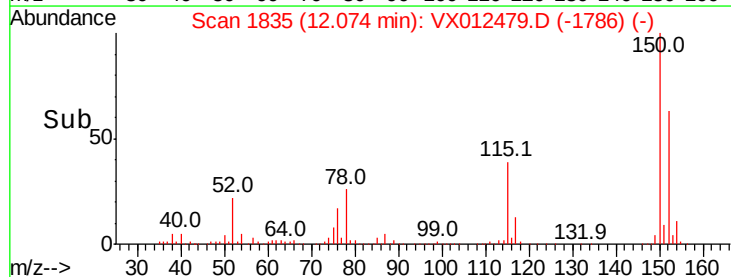
150 157.1 0.0 343.8

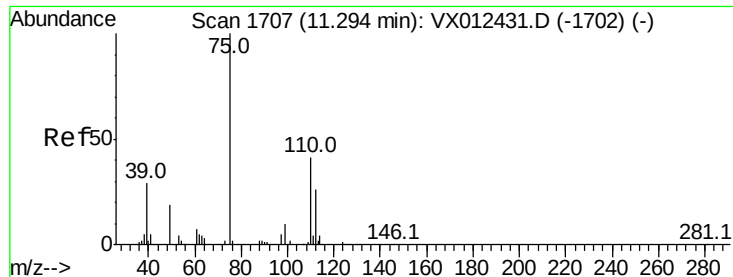


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 27.777 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX012479.D

Acq: 18 Sep 2019 17:21

Instrument :

MSVOA_X

ClientSampleId :

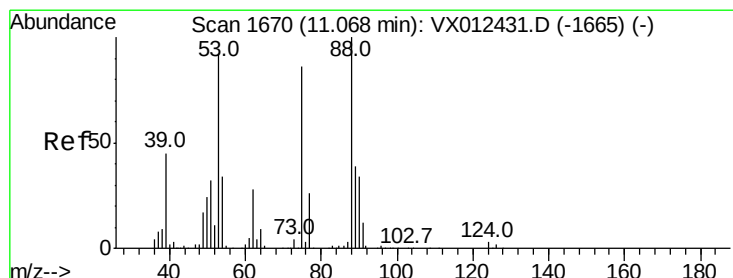
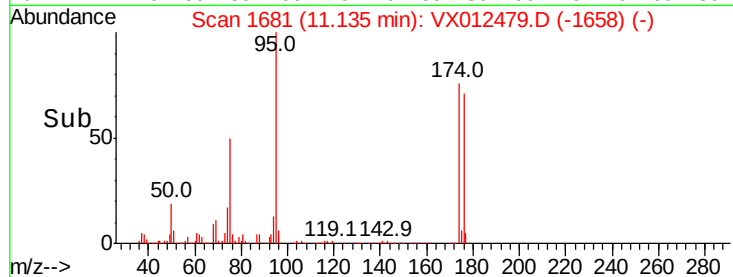
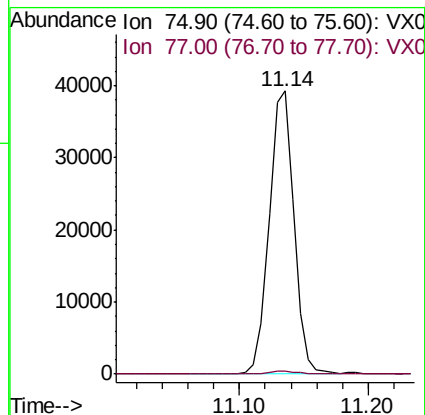
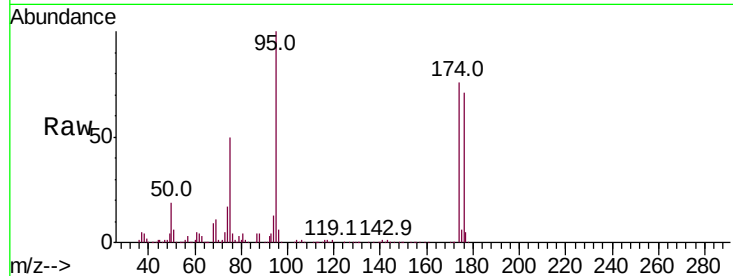
RE103D1-20190909DL

Tot Ion: 75 Resp: 52672

Ion Ratio Lower Upper

75 100

77 1.3 19.7 59.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 74.633 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.07 min

Lab File: VX012479.D

Acq: 18 Sep 2019 17:21

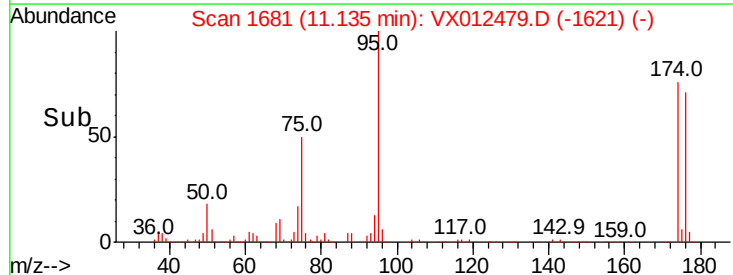
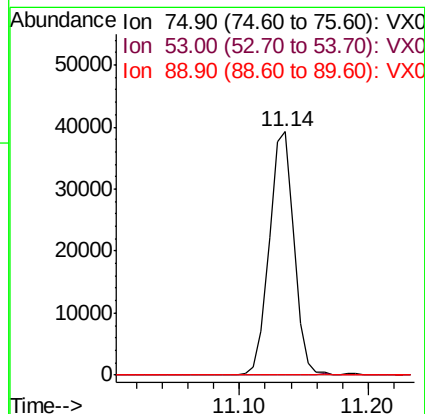
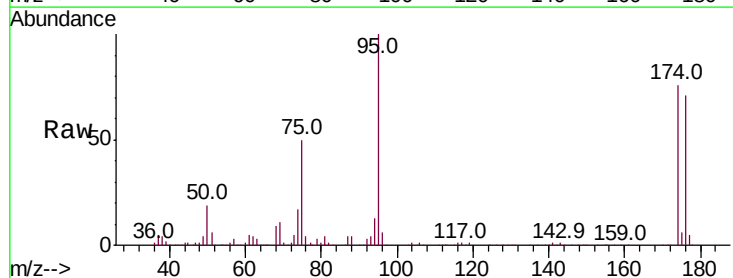
Tgt Ion: 75 Resp: 52672

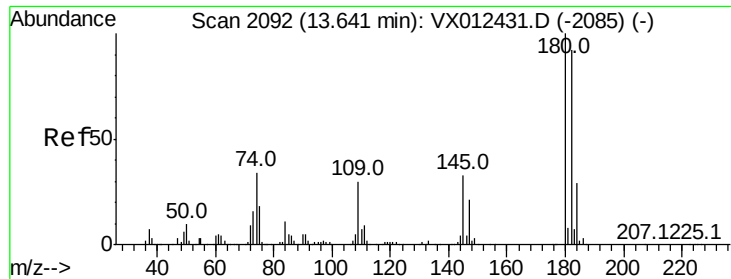
Ion Ratio Lower Upper

75 100

53 0.2 83.6 125.4#

89 0.0 36.3 54.5#

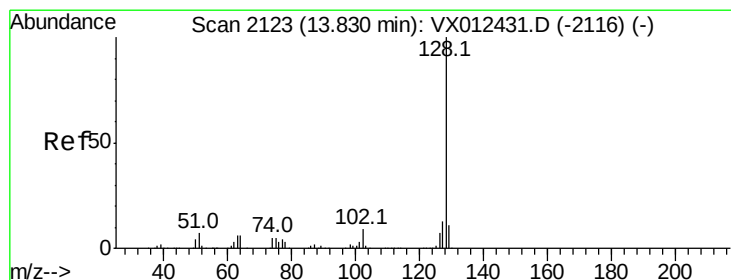
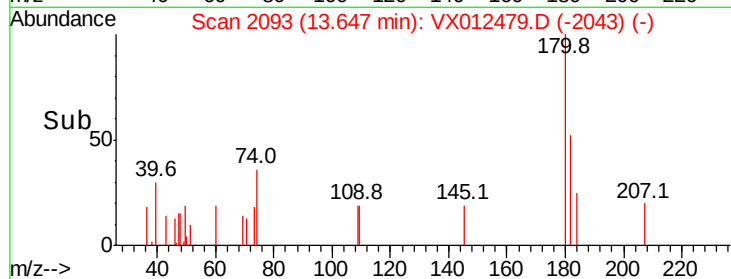
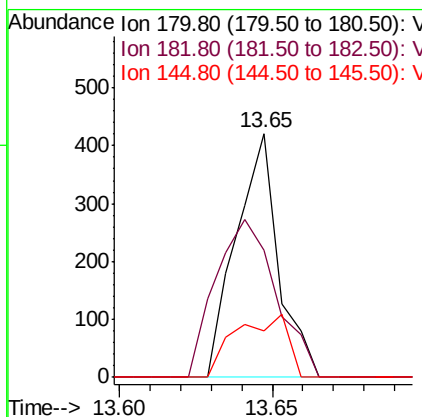
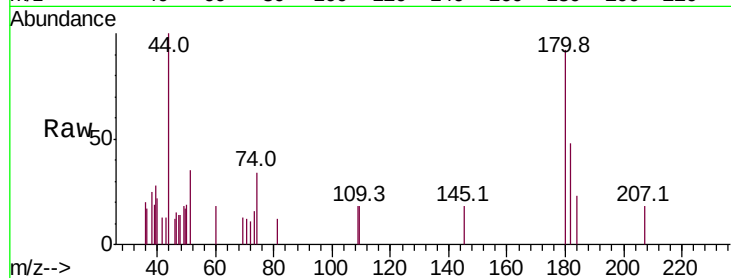




#93
 1,2,4-Trichlorobenzene
 Concen: 0.252 ug/l
 RT: 13.65 min Scan# 2093
 Delta R.T. 0.01 min
 Lab File: VX012479.D
 Acq: 18 Sep 2019 17:21

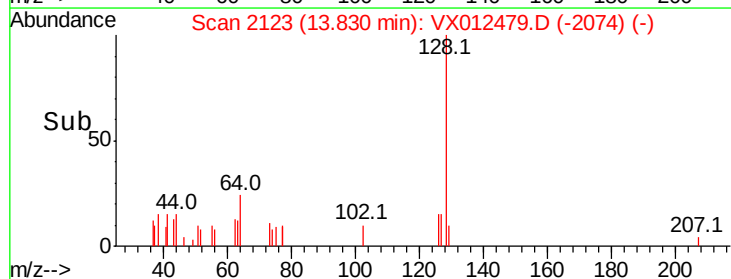
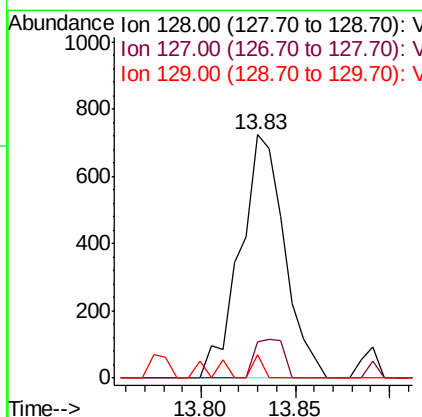
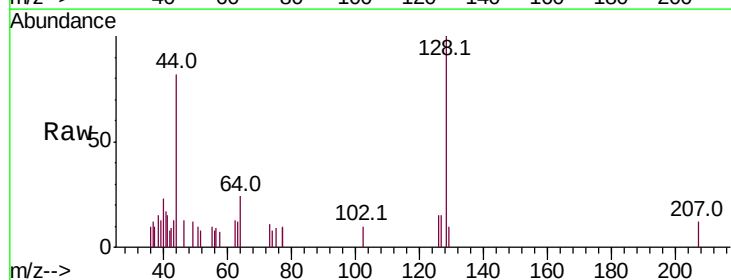
Instrument :
 MSVOA_X
 ClientSampleID :
 RE103D1-20190909DL

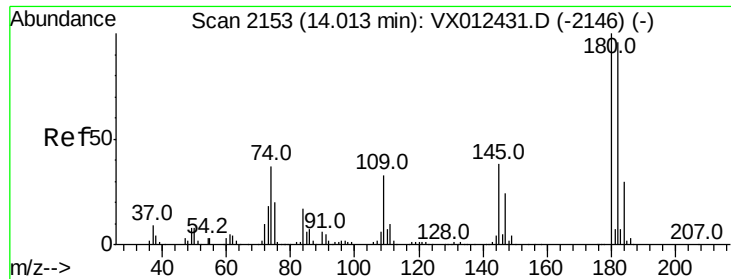
Tot Ion:180 Resp: 403
 Ion Ratio Lower Upper
 180 100
 182 92.6 47.0 141.0
 145 31.5 16.8 50.4



#95
 Naphthalene
 Concen: 0.208 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: VX012479.D
 Acq: 18 Sep 2019 17:21

Tgt Ion:128 Resp: 1182
 Ion Ratio Lower Upper
 128 100
 127 10.2 10.2 15.4#
 129 2.2 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.313 ug/l
 RT: 14.02 min Scan# 2154
 Delta R.T. 0.01 min
 Lab File: VX012479.D
 Acq: 18 Sep 2019 17:21

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20190909DL

Tot Ion:180 Resp: 510
 Ion Ratio Lower Upper
 180 100
 182 65.5 47.1 141.3
 145 24.1 18.0 54.0

