

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090722\
 Data File : VX031167.D
 Acq On : 07 Sep 2022 18:26
 Operator : JC/MD
 Sample : N4357-14DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20220823DL

Quant Time: Sep 07 23:26:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 07 23:22:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

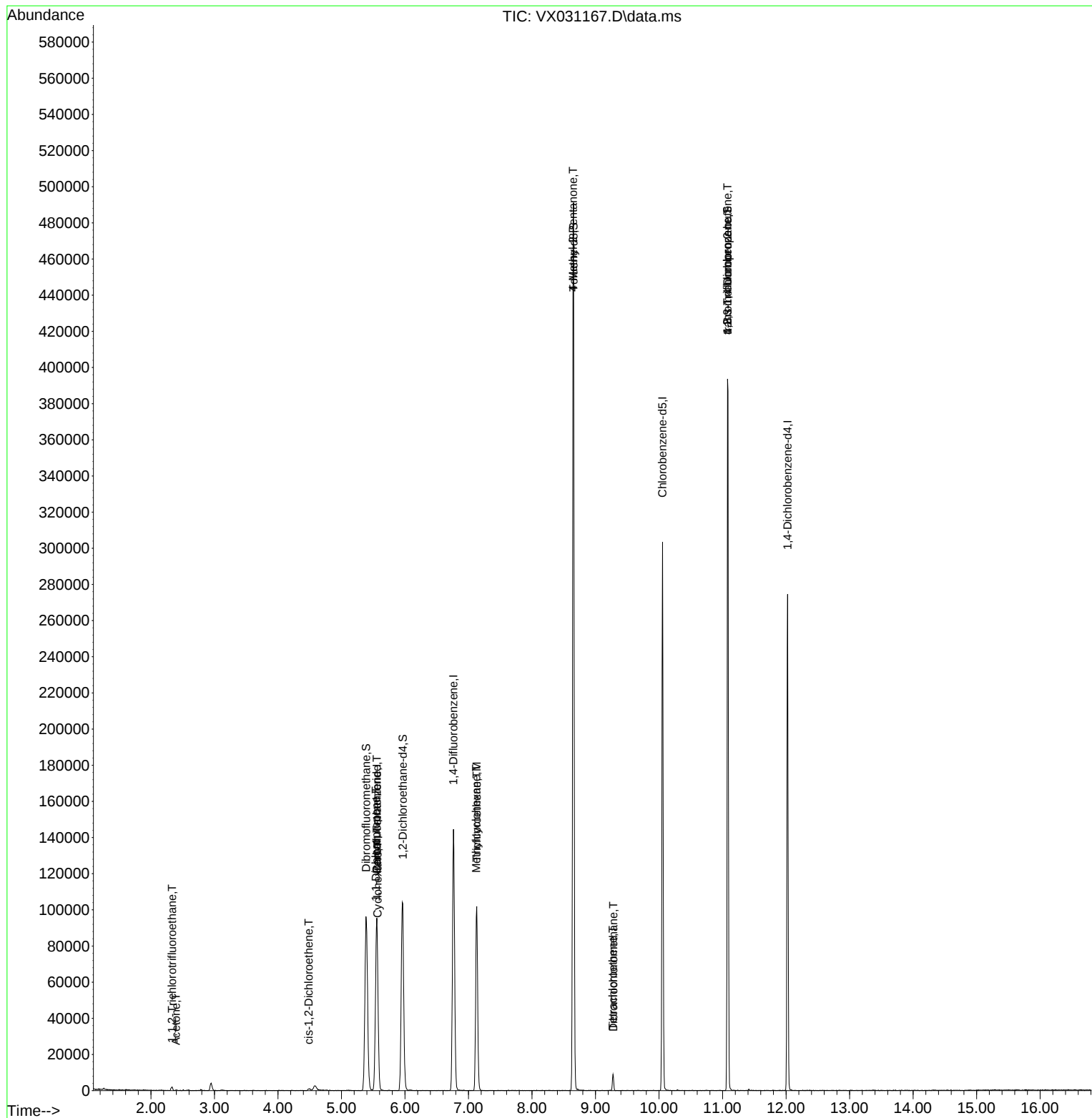
Internal Standards						
1) Pentafluorobenzene	5.556	168	82780	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	144469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	129494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	110536	56.400	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.800%
35) Dibromofluoromethane	5.385	113	87249	55.420	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.840%
50) Toluene-d8	8.653	98	299498	52.361	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.720%
62) 4-Bromofluorobenzene	11.079	95	110034	52.493	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.980%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	762	0.512	ug/l #	92
11) Tert butyl alcohol	2.946	59	2405	Below Cal	#	74
16) Acetone	2.392	43	305	0.449	ug/l #	40
27) cis-1,2-Dichloroethene	4.483	96	545	0.307	ug/l #	66
31) Cyclohexane	5.568	56	1721	0.786	ug/l #	9
36) 1,1-Dichloropropene	5.544	75	7076	3.001	ug/l #	50
38) Carbon Tetrachloride	5.556	117	9665	3.896	ug/l #	16
39) Methylcyclohexane	7.123	83	611	0.227	ug/l #	5
44) Trichloroethene	7.129	130	38528	21.401	ug/l	91
51) 4-Methyl-2-Pentanone	8.647	43	1121	0.555	ug/l #	1
60) Dibromochloromethane	9.281	129	1641	0.916	ug/l #	11
64) Tetrachloroethene	9.275	164	1676	1.243	ug/l #	87
76) 1,2,3-Trichloropropane	11.079	75	59116	39.770	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	59116	128.255	ug/l #	13

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

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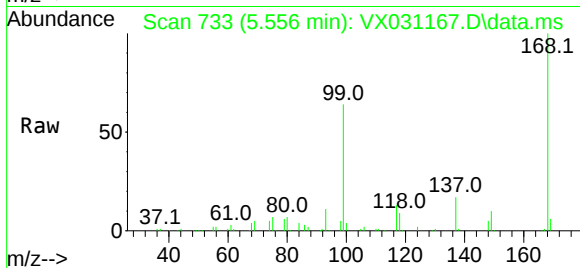
Quant Time: Sep 07 23:26:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090722W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 07 23:22:41 2022
Response via : Initial Calibration



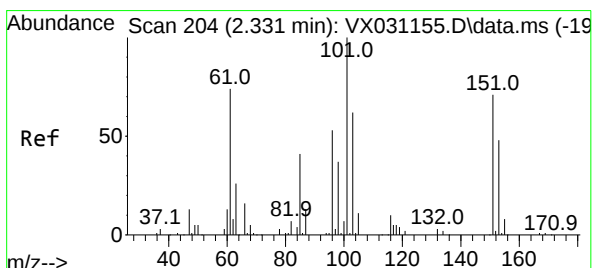
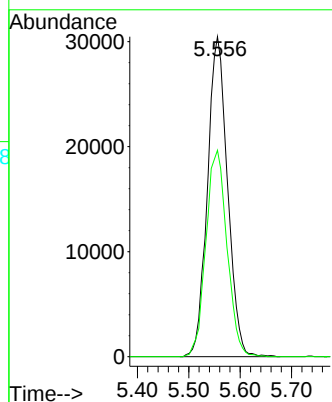
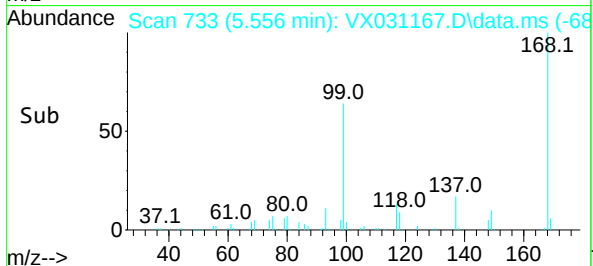


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX031167.D
Acq: 07 Sep 2022 18:26

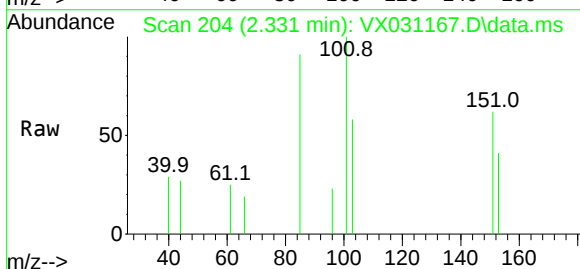
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220823DL



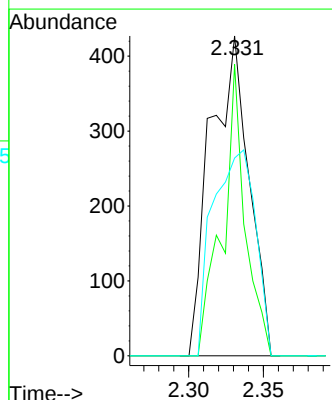
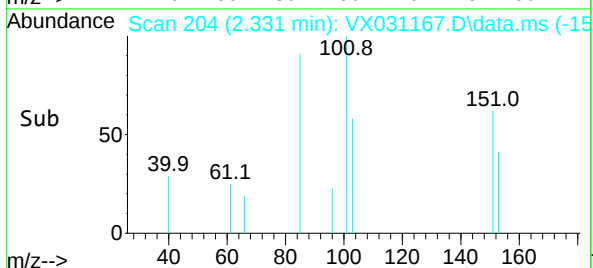
Tgt Ion:168 Resp: 82780
Ion Ratio Lower Upper
168 100
99 64.5 44.0 66.0

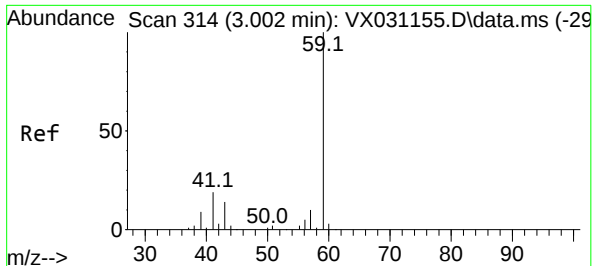


#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.512 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX031167.D
Acq: 07 Sep 2022 18:26



Tgt Ion:101 Resp: 762
Ion Ratio Lower Upper
101 100
85 53.8 34.0 51.0#
151 71.5 59.4 89.0





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.946 min Scan# 305

Delta R.T. -0.056 min

Lab File: VX031167.D

Acq: 07 Sep 2022 18:26

Instrument :

MSVOA_X

ClientSampleId :

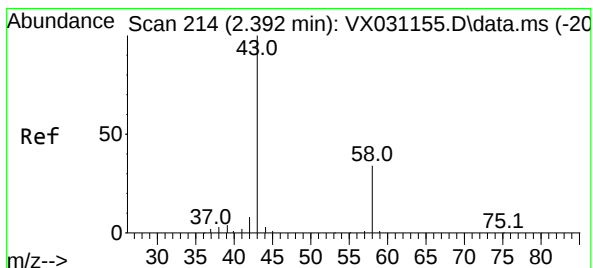
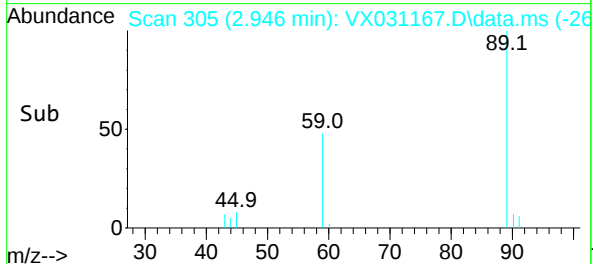
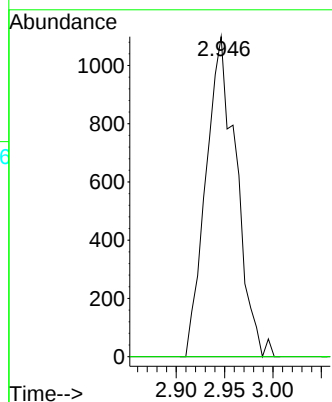
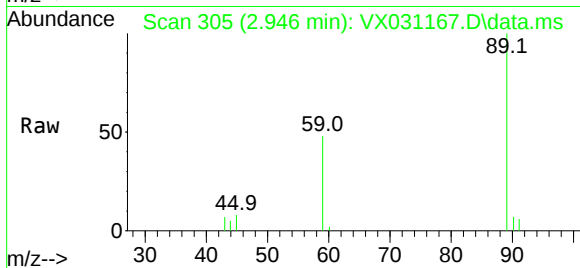
RE125D1-20220823DL

Tgt Ion: 59 Resp: 2405

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 0.449 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX031167.D

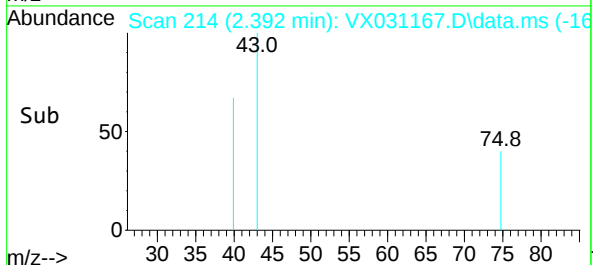
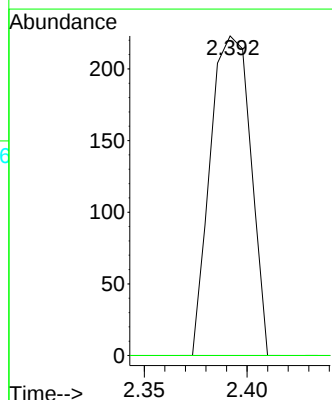
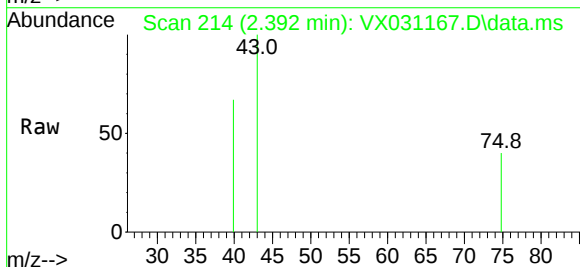
Acq: 07 Sep 2022 18:26

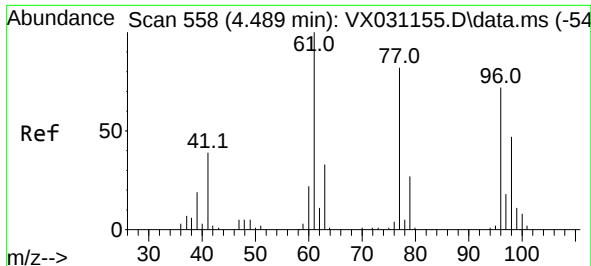
Tgt Ion: 43 Resp: 305

Ion Ratio Lower Upper

43 100

58 0.0 27.7 41.5#





#27

cis-1,2-Dichloroethene

Concen: 0.307 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX031167.D

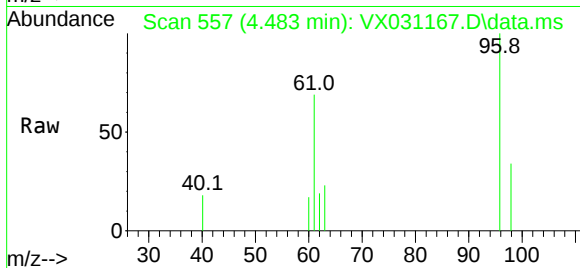
Acq: 07 Sep 2022 18:26

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20220823DL



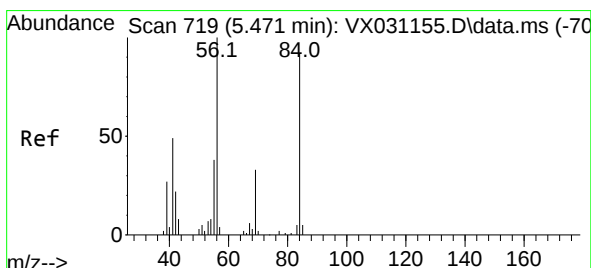
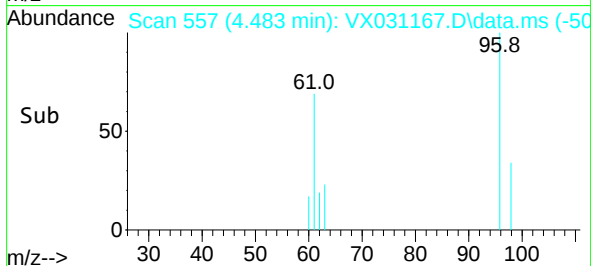
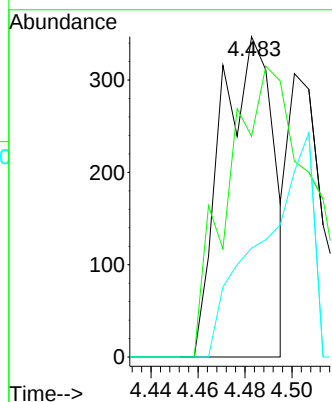
Tgt Ion: 96 Resp: 545

Ion Ratio Lower Upper

96 100

61 148.3 0.0 270.0

98 0.0 0.0 127.8



#31

Cyclohexane

Concen: 0.786 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.097 min

Lab File: VX031167.D

Acq: 07 Sep 2022 18:26

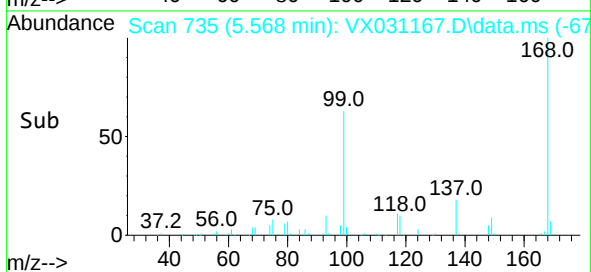
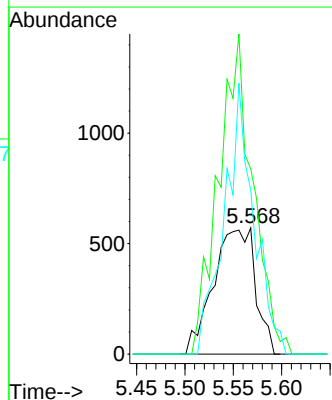
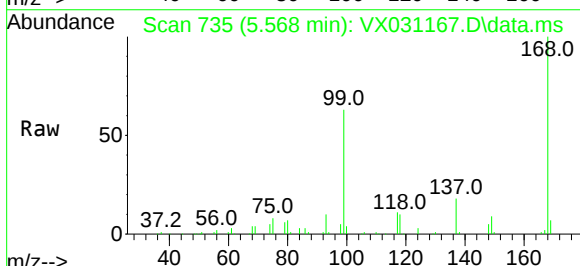
Tgt Ion: 56 Resp: 1721

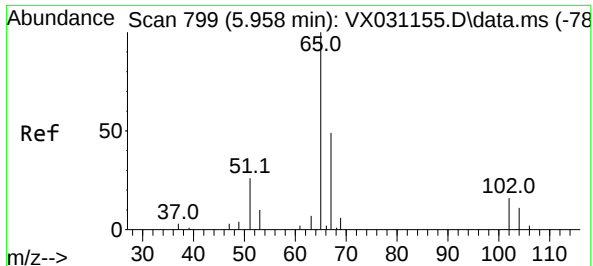
Ion Ratio Lower Upper

56 100

69 146.6 25.4 38.0#

84 129.9 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 56.400 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX031167.D

Acq: 07 Sep 2022 18:26

Instrument :

MSVOA_X

ClientSampleId :

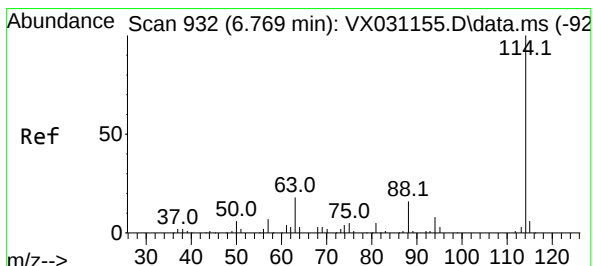
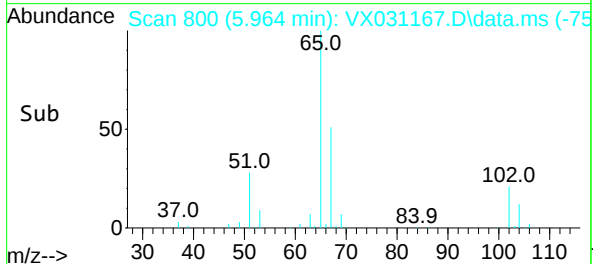
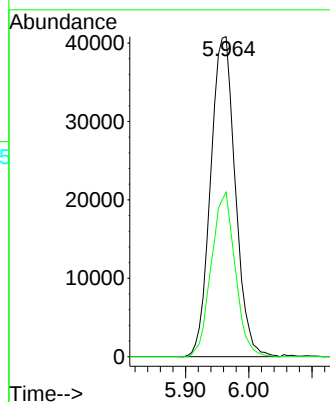
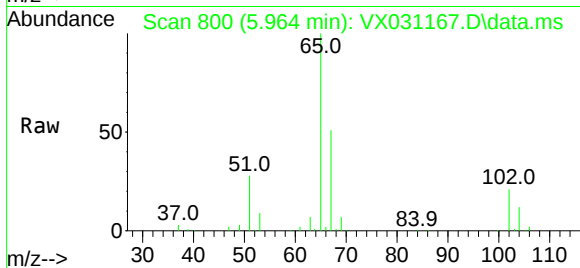
RE125D1-20220823DL

Tgt Ion: 65 Resp: 110536

Ion Ratio Lower Upper

65 100

67 49.7 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX031167.D

Acq: 07 Sep 2022 18:26

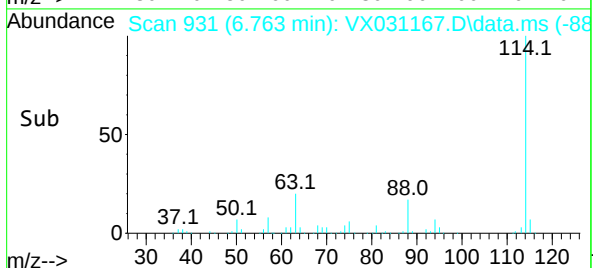
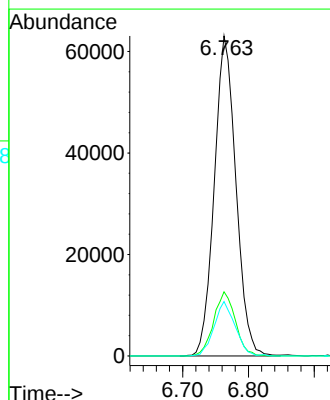
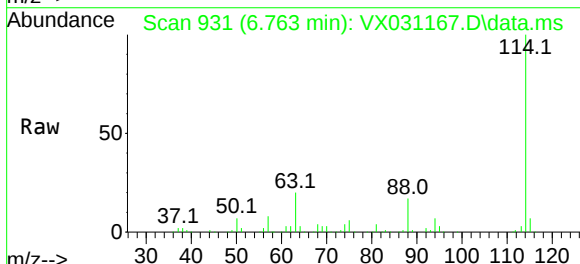
Tgt Ion: 114 Resp: 144469

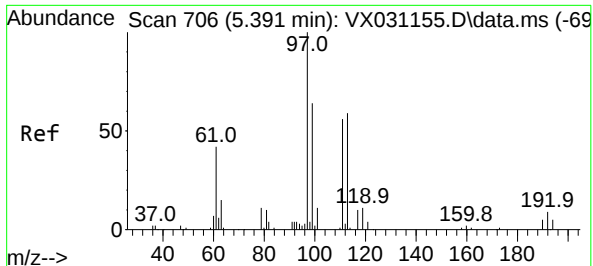
Ion Ratio Lower Upper

114 100

63 20.1 0.0 38.4

88 17.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 55.420 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX031167.D

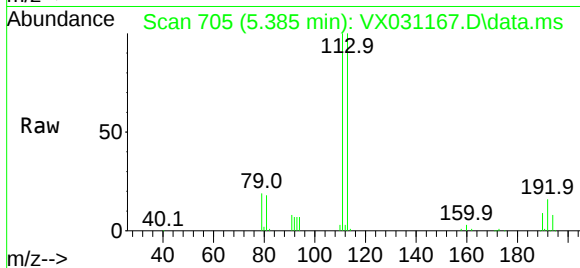
Acq: 07 Sep 2022 18:26

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20220823DL



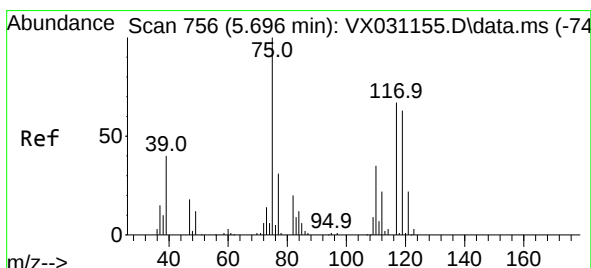
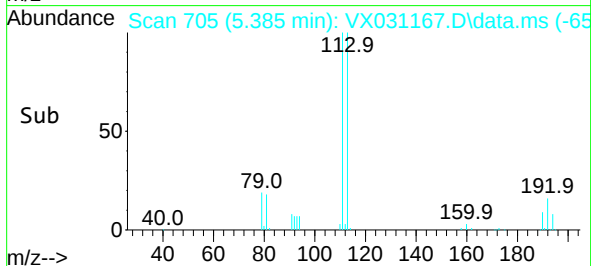
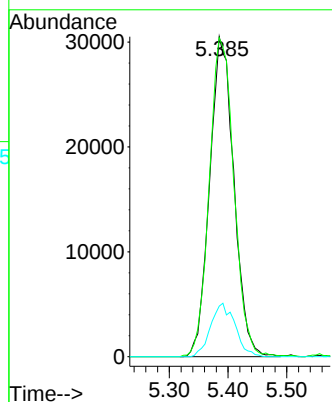
Tgt Ion:113 Resp: 87249

Ion Ratio Lower Upper

113 100

111 101.6 83.2 124.8

192 16.9 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.001 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.153 min

Lab File: VX031167.D

Acq: 07 Sep 2022 18:26

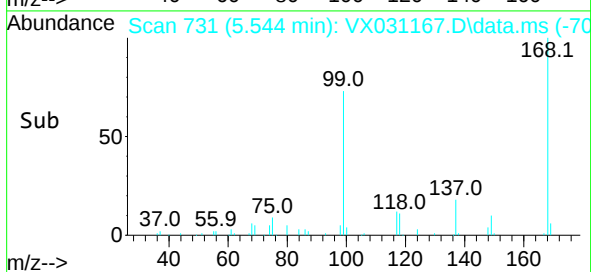
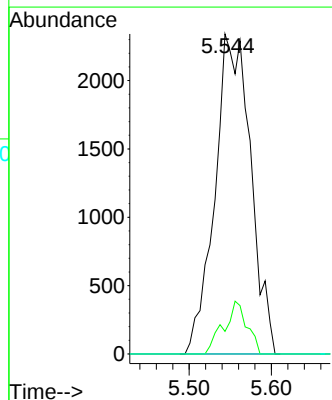
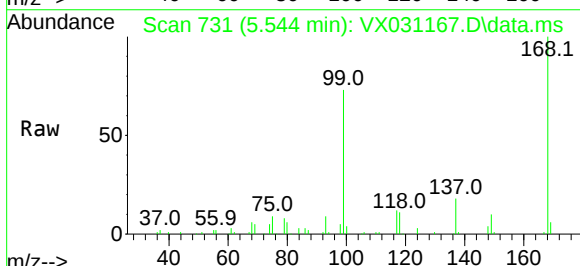
Tgt Ion: 75 Resp: 7076

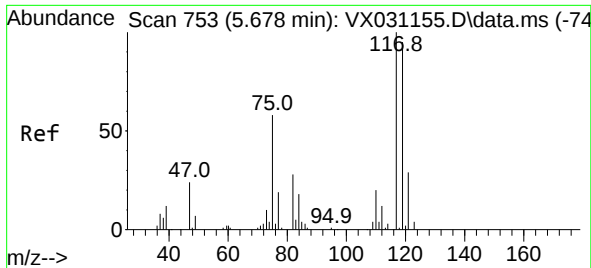
Ion Ratio Lower Upper

75 100

110 10.8 19.3 57.9#

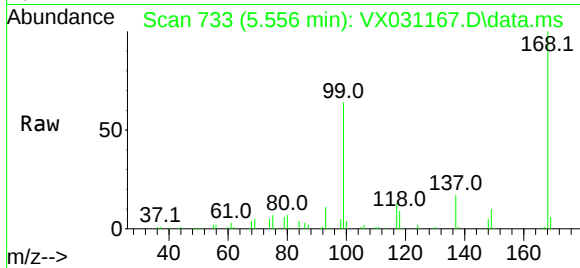
77 0.0 24.4 36.6#



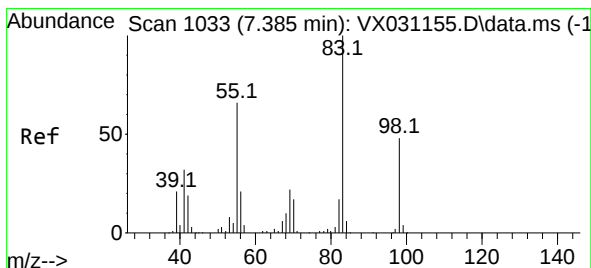
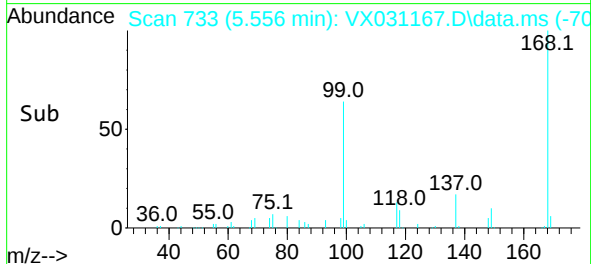
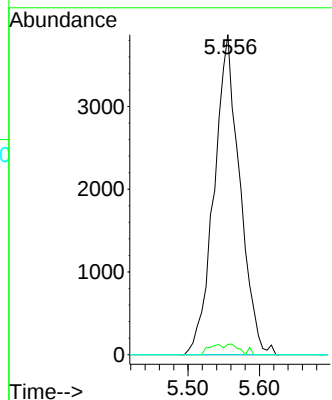


#38
Carbon Tetrachloride
Concen: 3.896 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031167.D
Acq: 07 Sep 2022 18:26

Instrument :
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ClientSampleId :
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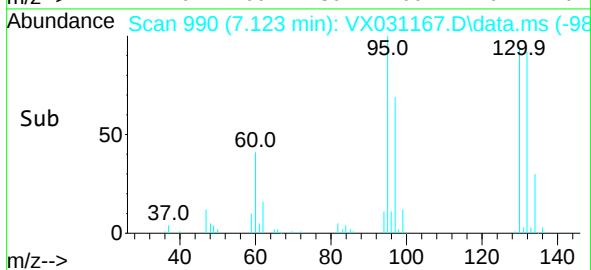
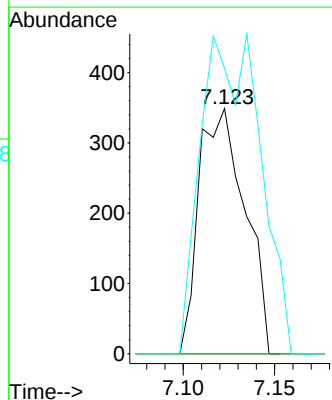
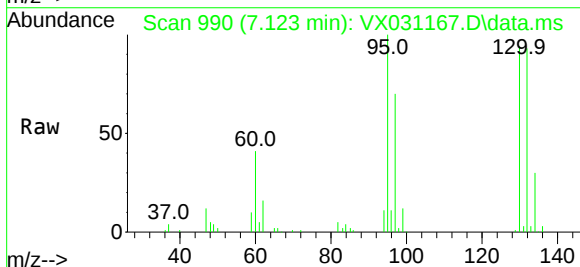


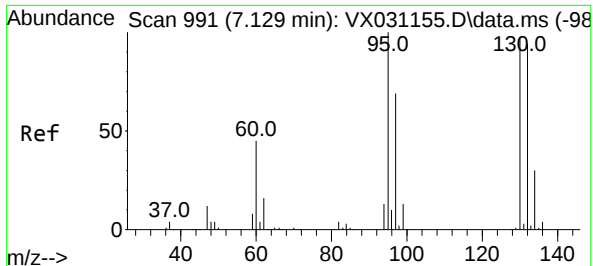
Tgt Ion:117 Resp: 9665
Ion Ratio Lower Upper
117 100
119 3.3 74.1 111.1#
121 0.0 25.8 38.8#



#39
Methylcyclohexane
Concen: 0.227 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.262 min
Lab File: VX031167.D
Acq: 07 Sep 2022 18:26

Tgt Ion: 83 Resp: 611
Ion Ratio Lower Upper
83 100
55 0.0 57.7 86.5#
98 116.3 36.5 54.7#

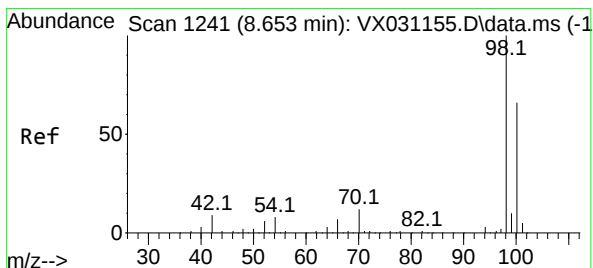
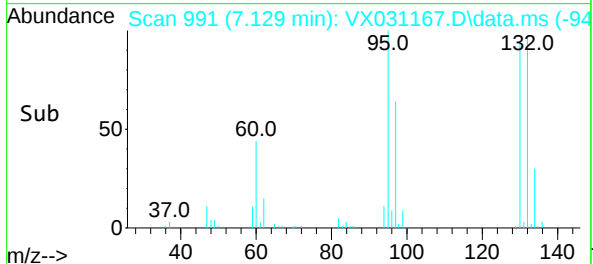
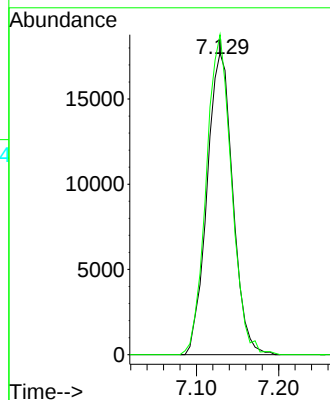
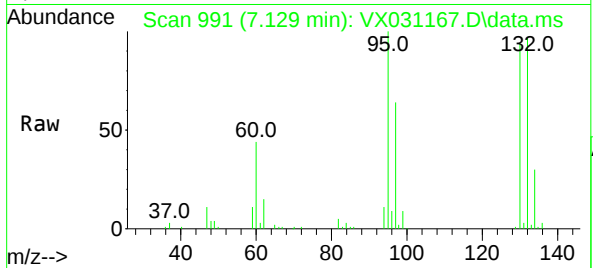




#44
Trichloroethene
Concen: 21.401 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031167.D
Acq: 07 Sep 2022 18:26

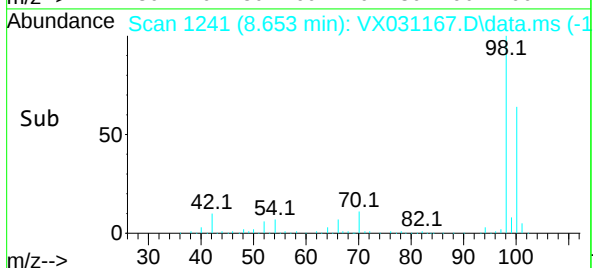
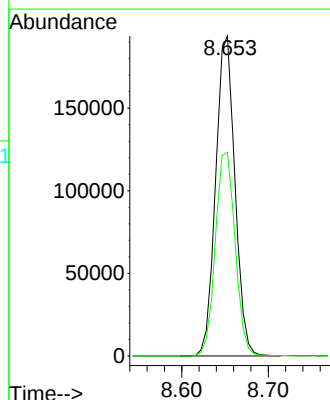
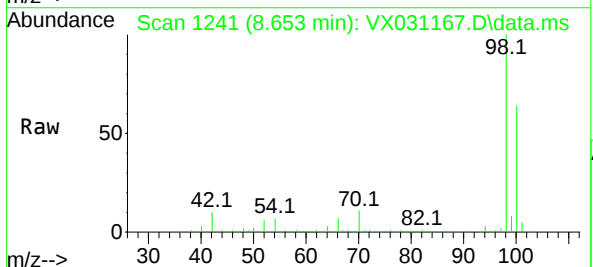
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220823DL

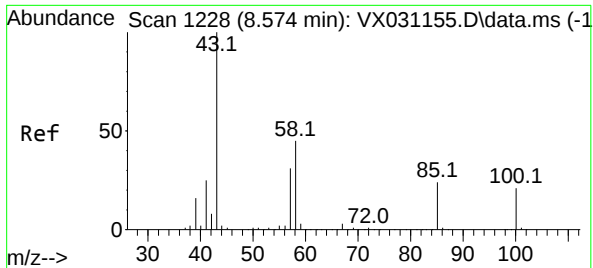
Tgt Ion:130 Resp: 38528
Ion Ratio Lower Upper
130 100
95 106.1 0.0 194.8



#50
Toluene-d8
Concen: 52.361 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031167.D
Acq: 07 Sep 2022 18:26

Tgt Ion: 98 Resp: 299498
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5

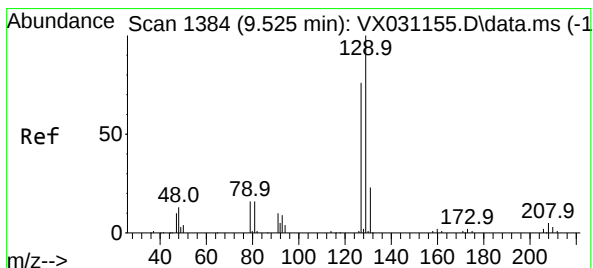
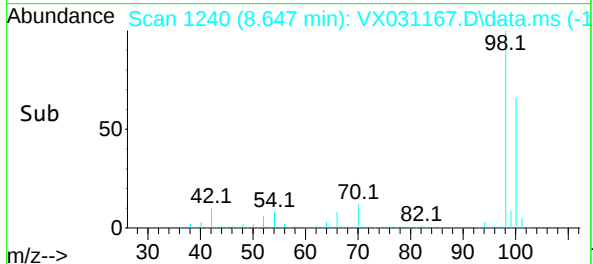
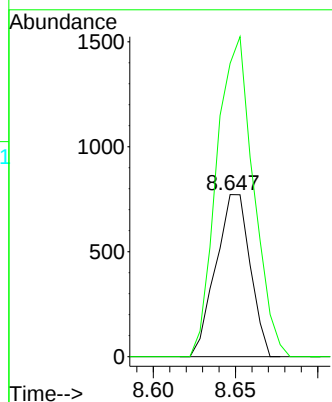
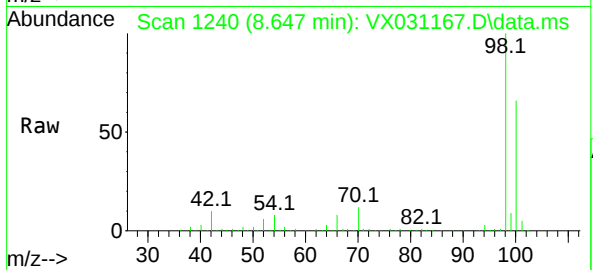




#51
4-Methyl-2-Pentanone
Concen: 0.555 ug/l
RT: 8.647 min Scan# 1121
Delta R.T. 0.073 min
Lab File: VX031167.D
Acq: 07 Sep 2022 18:26

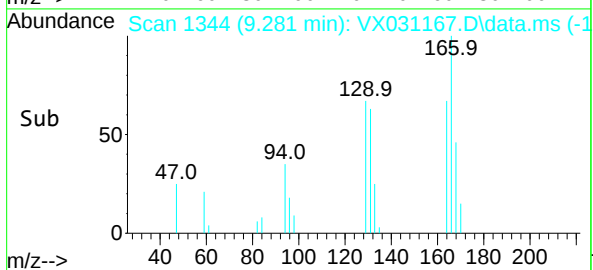
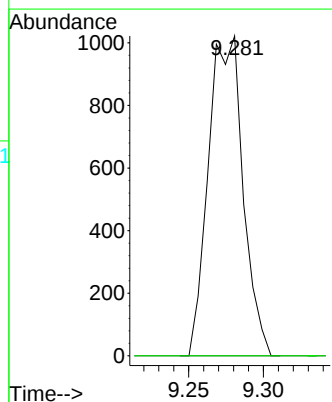
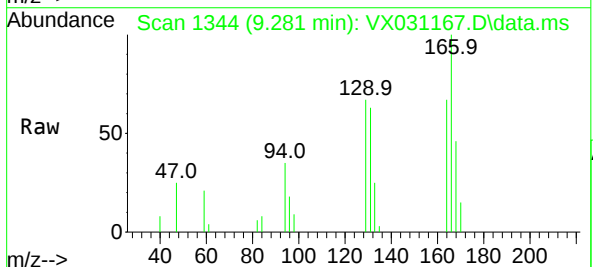
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220823DL

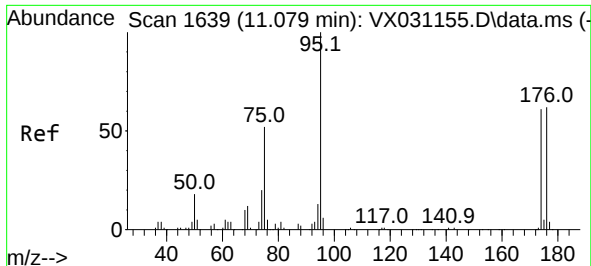
Tgt Ion: 43 Resp: 1121
Ion Ratio Lower Upper
43 100
58 211.2 31.4 47.2#



#60
Dibromochloromethane
Concen: 0.916 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX031167.D
Acq: 07 Sep 2022 18:26

Tgt Ion: 129 Resp: 1641
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 52.493 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX031167.D

Acq: 07 Sep 2022 18:26

Instrument :

MSVOA_X

ClientSampleId :

RE125D1-20220823DL

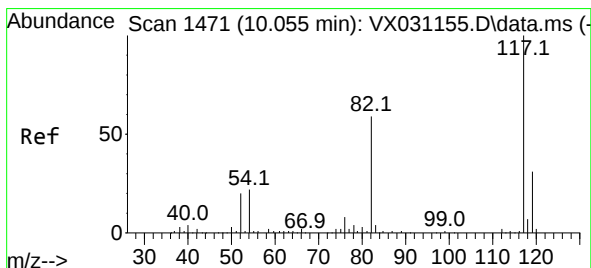
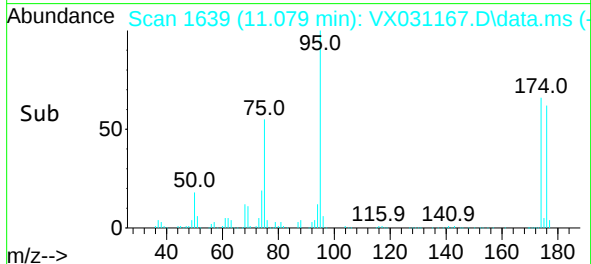
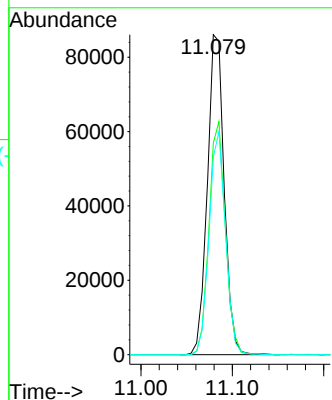
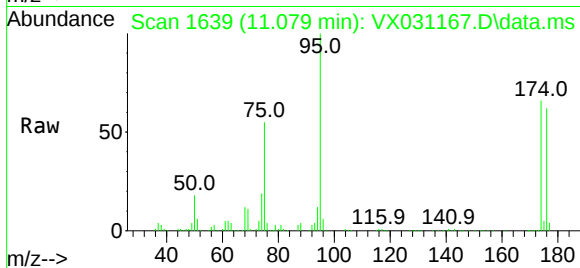
Tgt Ion: 95 Resp: 110034

Ion Ratio Lower Upper

95 100

174 71.0 0.0 149.0

176 67.6 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VX031167.D

Acq: 07 Sep 2022 18:26

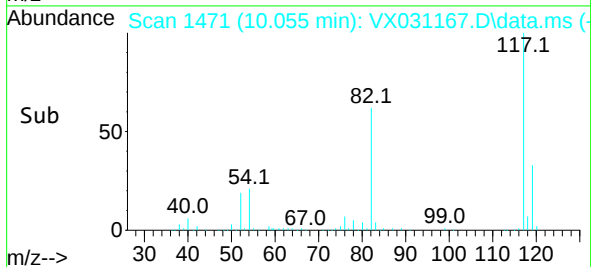
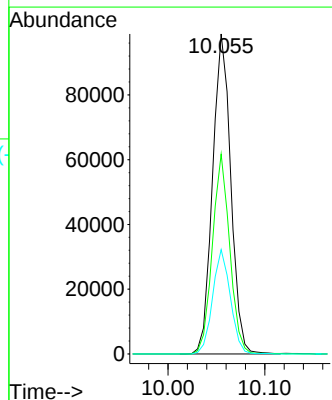
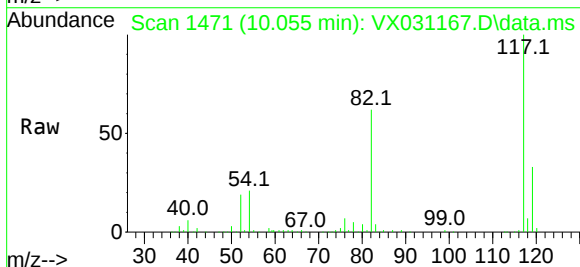
Tgt Ion: 117 Resp: 129494

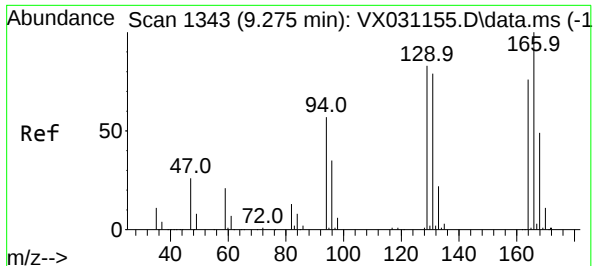
Ion Ratio Lower Upper

117 100

82 62.4 42.7 64.1

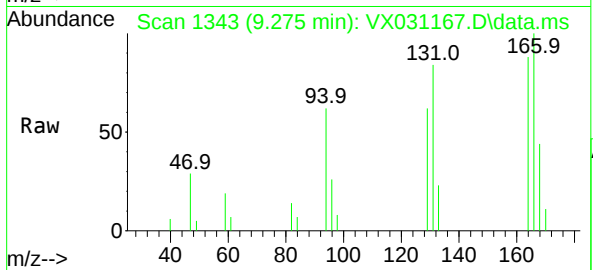
119 32.6 25.4 38.2



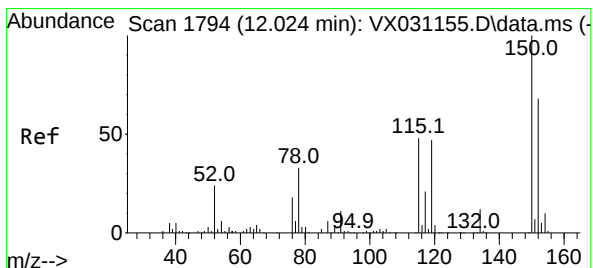
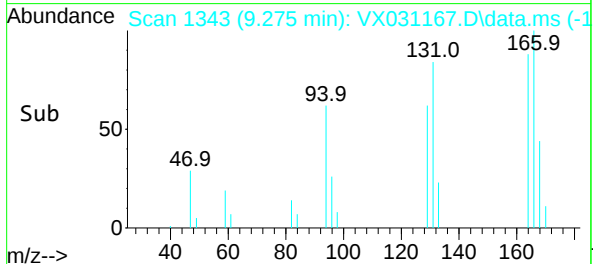
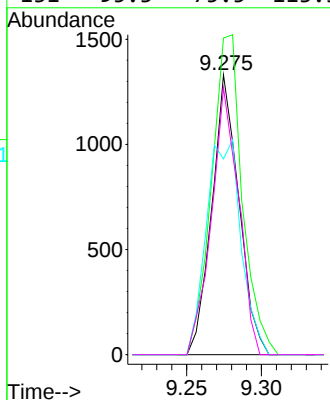


#64
Tetrachloroethene
Concen: 1.243 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031167.D
Acq: 07 Sep 2022 18:26

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20220823DL

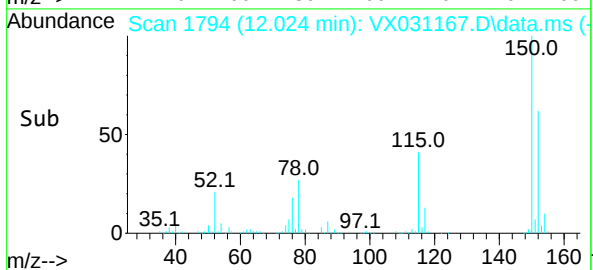
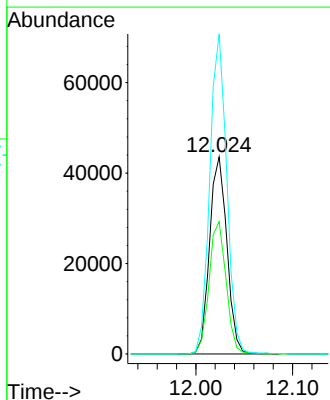
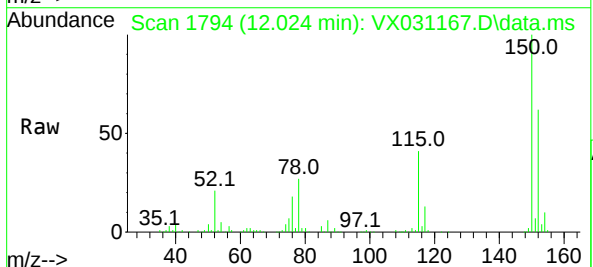


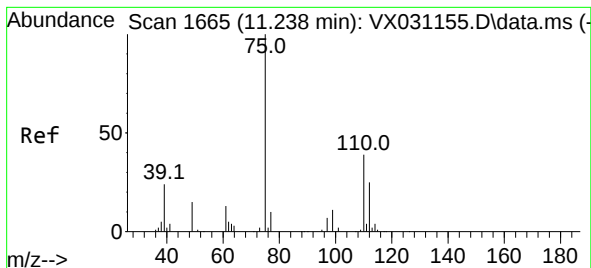
Tgt Ion:164 Resp: 1676
Ion Ratio Lower Upper
164 100
166 113.1 98.2 147.4
129 69.9 80.8 121.2#
131 95.3 75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031167.D
Acq: 07 Sep 2022 18:26

Tgt Ion:152 Resp: 54465
Ion Ratio Lower Upper
152 100
115 66.0 40.5 121.5
150 158.7 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 39.770 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX031167.D

Acq: 07 Sep 2022 18:26

Instrument :

MSVOA_X

ClientSampleId :

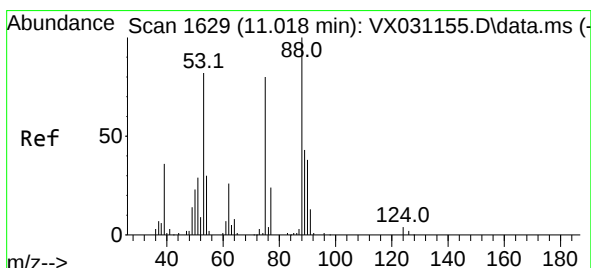
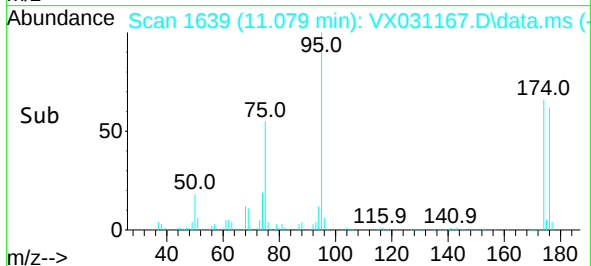
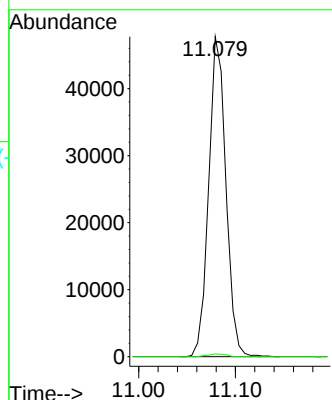
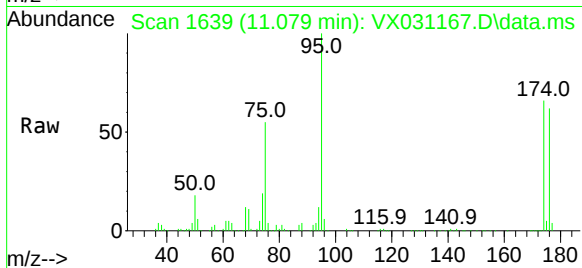
RE125D1-20220823DL

Tgt Ion: 75 Resp: 59116

Ion Ratio Lower Upper

75 100

77 0.9 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 128.255 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX031167.D

Acq: 07 Sep 2022 18:26

Tgt Ion: 75 Resp: 59116

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.1 34.8 52.2#

