

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031545.D
 Acq On : 22 Sep 2022 03:23
 Operator : JC/MD
 Sample : N4614-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB091322

Quant Time: Sep 22 04:25:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

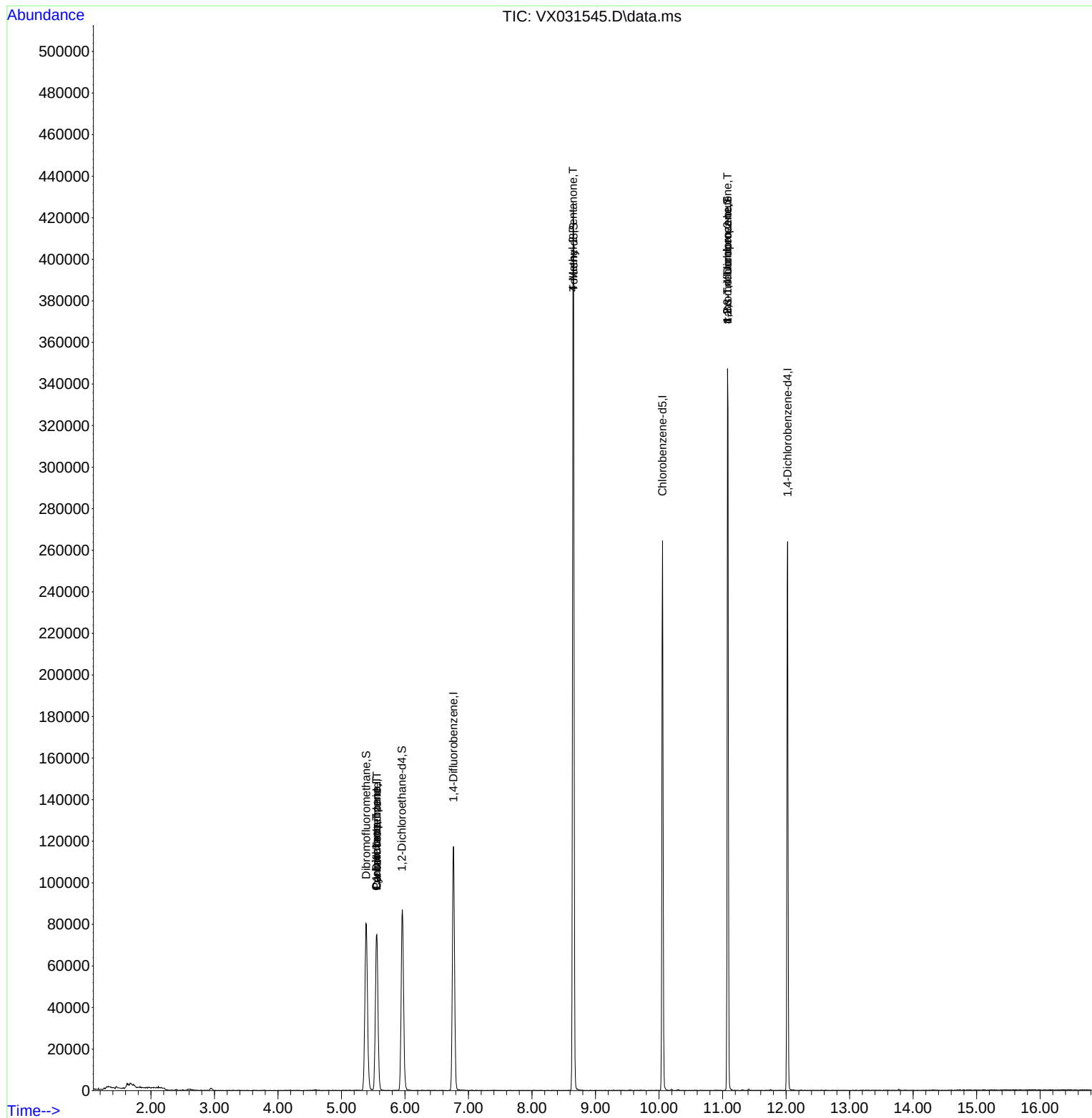
Internal Standards						
1) Pentafluorobenzene	5.556	168	75474	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	122052	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	113351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	51525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	77062	55.694	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.380%
35) Dibromofluoromethane	5.385	113	66338	52.623	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.240%
50) Toluene-d8	8.653	98	251859	51.794	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.580%
62) 4-Bromofluorobenzene	11.079	95	78723	47.794	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.580%
Target Compounds						
						Qvalue
6) Chloroethane	1.685	64	197	Below Cal	#	43
11) Tert butyl alcohol	2.941	59	720	Below Cal	#	73
16) Acetone	2.398	43	520	Below Cal		95
20) Methylene Chloride	2.782	84	19	Below Cal	#	4
31) Cyclohexane	5.550	56	1758	0.856	ug/l #	42
36) 1,1-Dichloropropene	5.550	75	5648	2.911	ug/l #	50
38) Carbon Tetrachloride	5.556	117	7276	3.383	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1309	0.572	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.079	83	115	Below Cal	#	1
76) 1,2,3-Trichloropropane	11.079	75	45029	39.156	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	45029	126.077	ug/l #	11

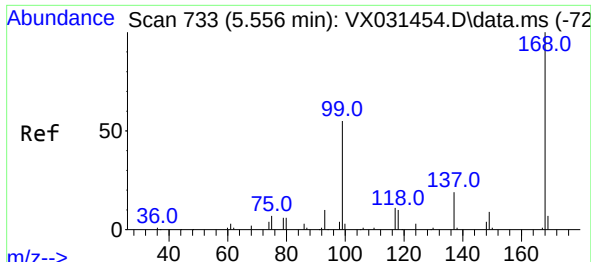
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
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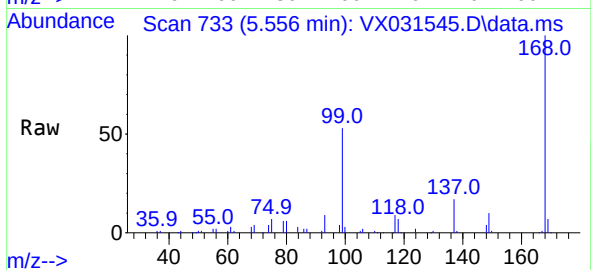
Quant Time: Sep 22 04:25:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration



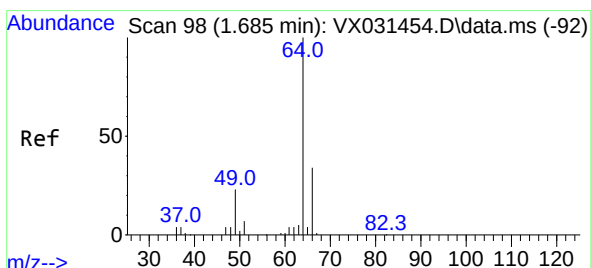
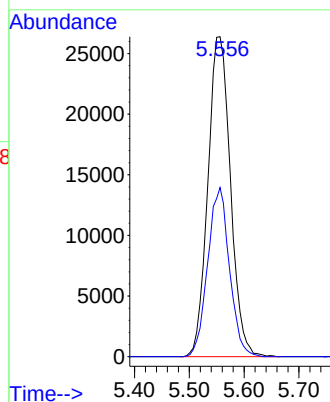


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031545.D
Acq: 22 Sep 2022 03:23

Instrument :
MSVOA_X
ClientSampleId :
TB091322

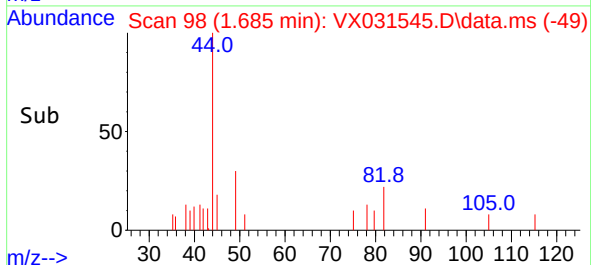
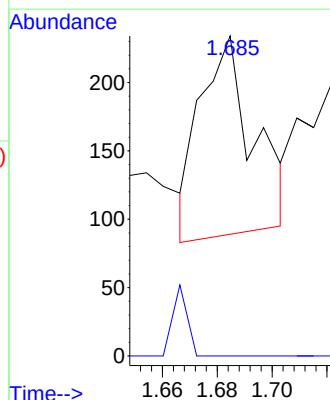
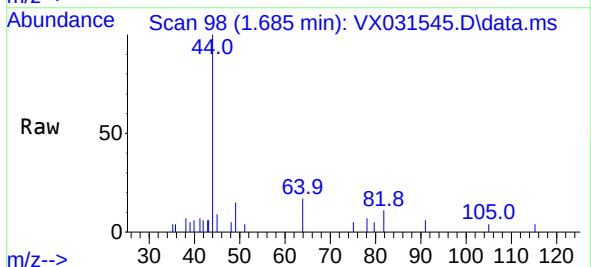


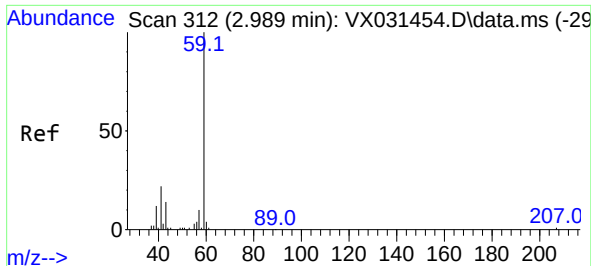
Tgt Ion:168 Resp: 75474
Ion Ratio Lower Upper
168 100
99 52.9 48.8 73.2



#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 98
Delta R.T. -0.000 min
Lab File: VX031545.D
Acq: 22 Sep 2022 03:23

Tgt Ion: 64 Resp: 197
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 2.941 min Scan# 304

Delta R.T. -0.048 min

Lab File: VX031545.D

Acq: 22 Sep 2022 03:23

Instrument :

MSVOA_X

ClientSampleId :

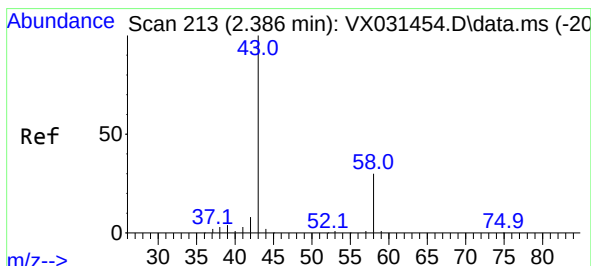
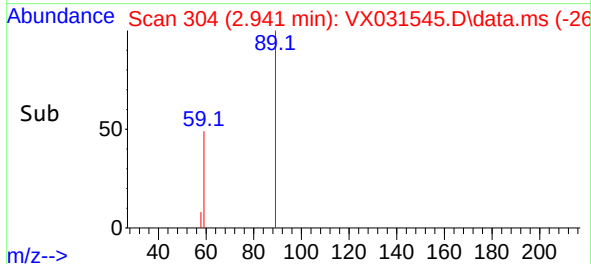
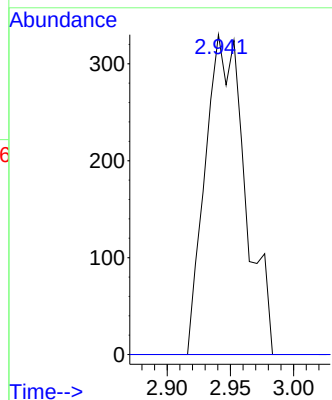
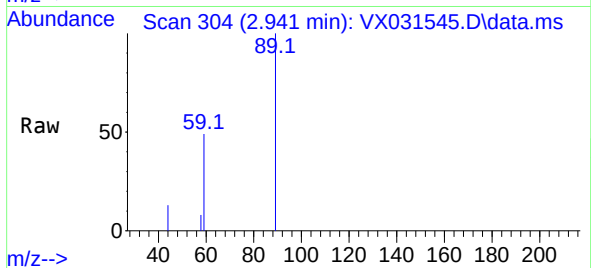
TB091322

Tgt Ion: 59 Resp: 720

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.398 min Scan# 215

Delta R.T. 0.012 min

Lab File: VX031545.D

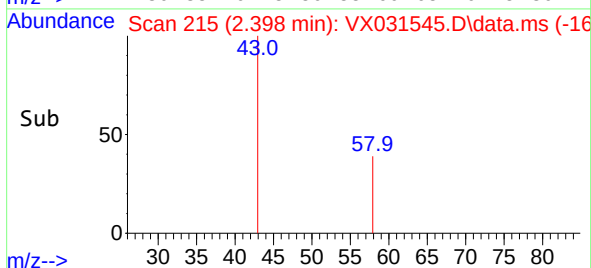
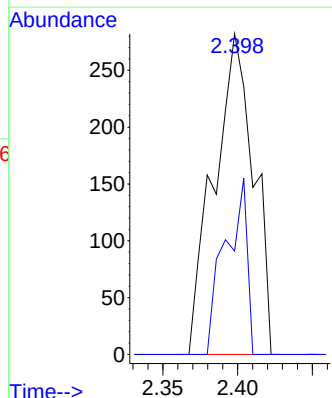
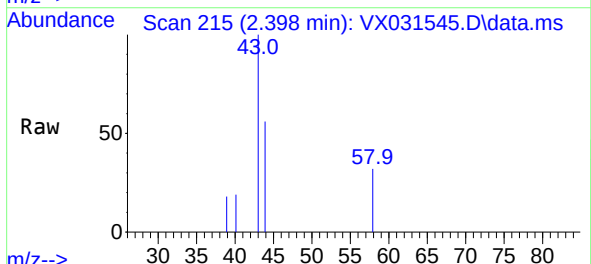
Acq: 22 Sep 2022 03:23

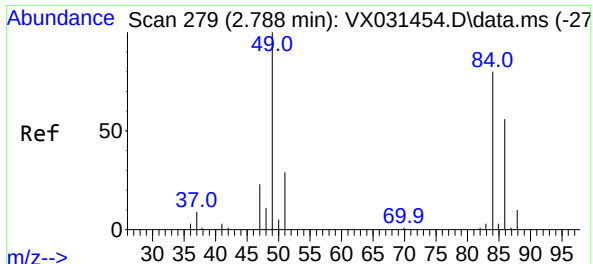
Tgt Ion: 43 Resp: 520

Ion Ratio Lower Upper

43 100

58 32.3 23.8 35.8





#20

Methylene Chloride

Concen: Below Cal

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX031545.D

Acq: 22 Sep 2022 03:23

Instrument :

MSVOA_X

ClientSampleId :

TB091322

Tgt Ion: 84 Resp: 19

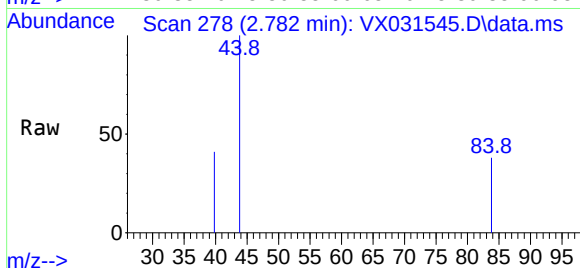
Ion Ratio Lower Upper

84 100

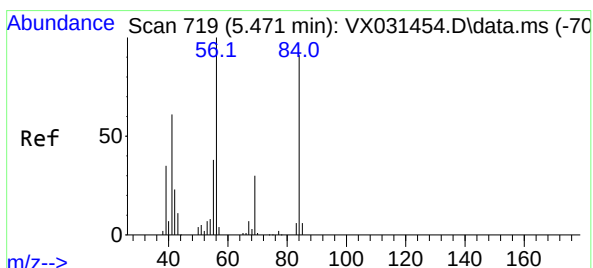
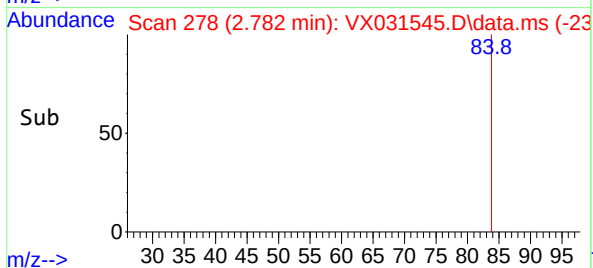
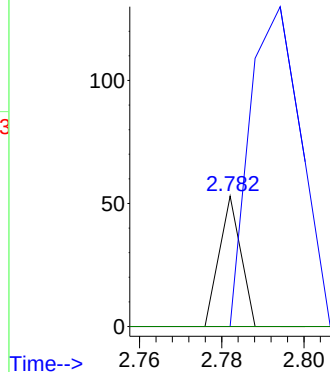
49 0.0 105.9 158.9#

51 0.0 32.2 48.2#

86 0.0 50.8 76.2#



Abundance



#31

Cyclohexane

Concen: 0.856 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.079 min

Lab File: VX031545.D

Acq: 22 Sep 2022 03:23

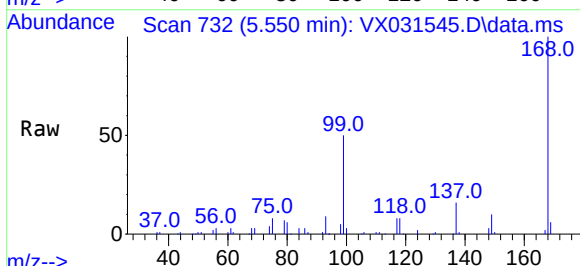
Tgt Ion: 56 Resp: 1758

Ion Ratio Lower Upper

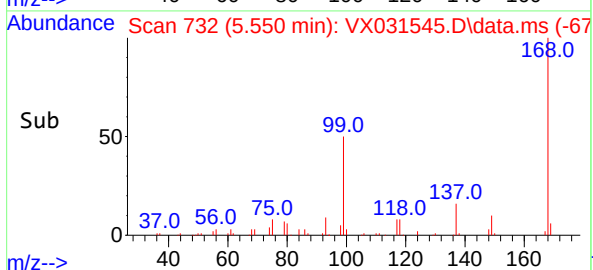
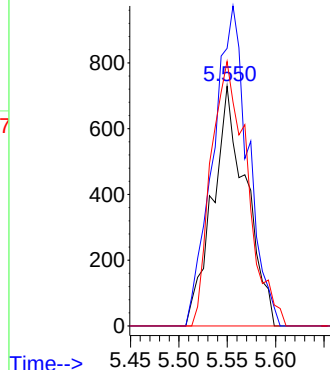
56 100

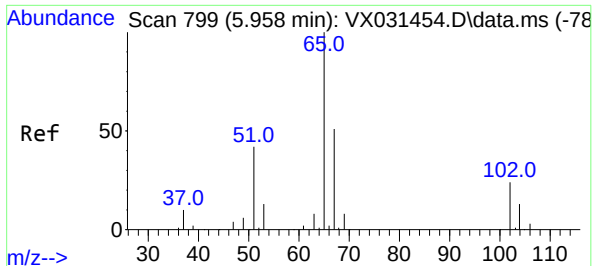
69 115.8 25.1 37.7#

84 110.3 70.2 105.4#



Abundance





#33

1,2-Dichloroethane-d4

Concen: 55.694 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX031545.D

Acq: 22 Sep 2022 03:23

Instrument :

MSVOA_X

ClientSampleId :

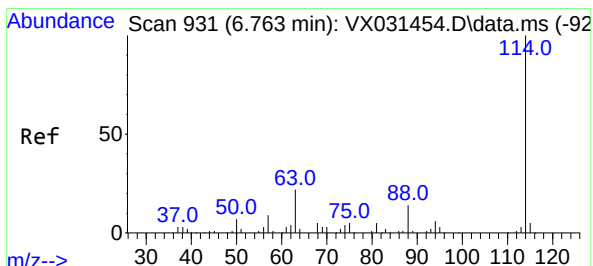
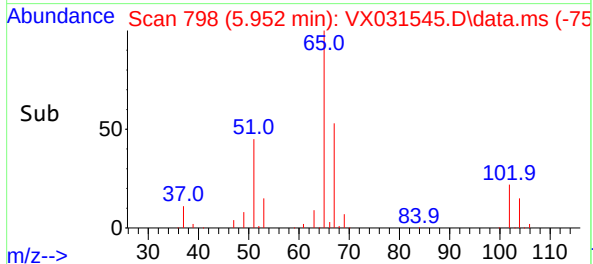
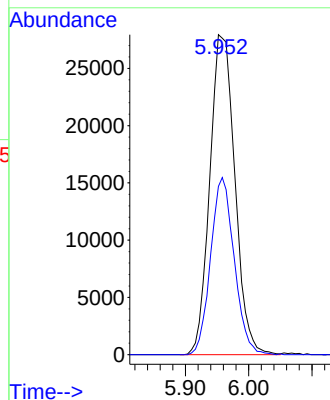
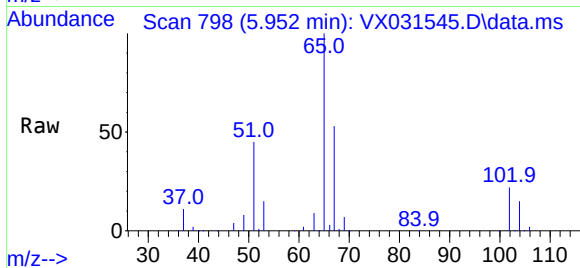
TB091322

Tgt Ion: 65 Resp: 77062

Ion Ratio Lower Upper

65 100

67 52.0 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031545.D

Acq: 22 Sep 2022 03:23

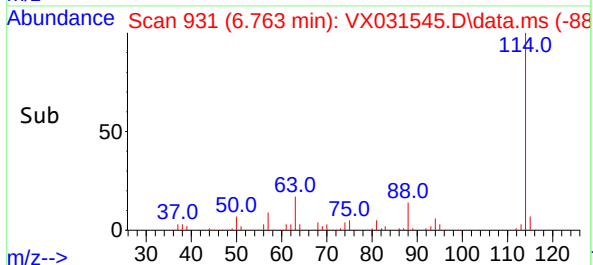
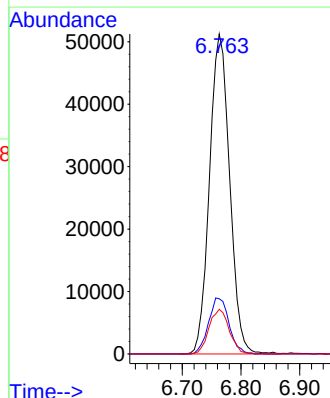
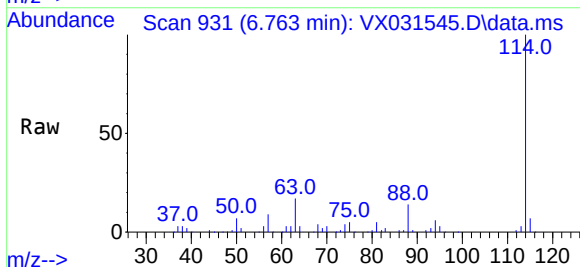
Tgt Ion: 114 Resp: 122052

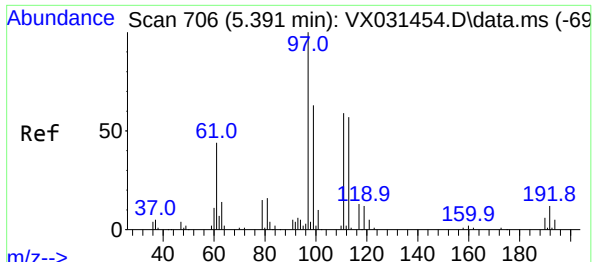
Ion Ratio Lower Upper

114 100

63 17.2 0.0 42.6

88 13.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 52.623 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX031545.D

Acq: 22 Sep 2022 03:23

Instrument :

MSVOA_X

ClientSampleId :

TB091322

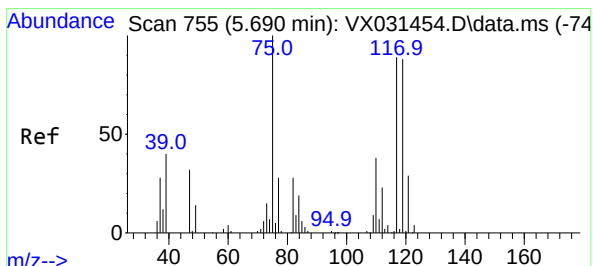
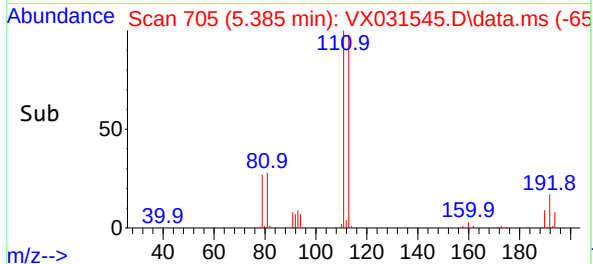
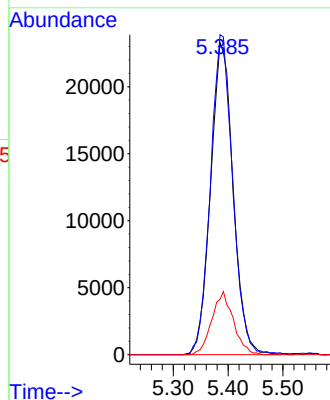
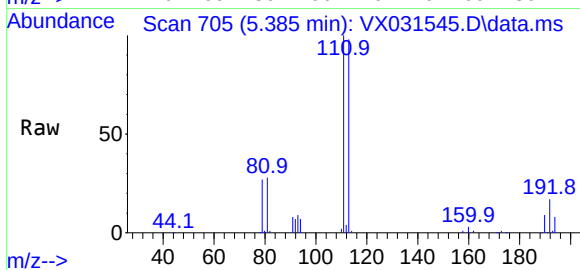
Tgt Ion:113 Resp: 66338

Ion Ratio Lower Upper

113 100

111 101.5 82.4 123.6

192 19.4 14.1 21.1



#36

1,1-Dichloropropene

Concen: 2.911 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX031545.D

Acq: 22 Sep 2022 03:23

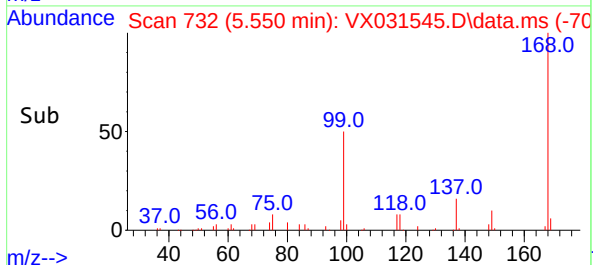
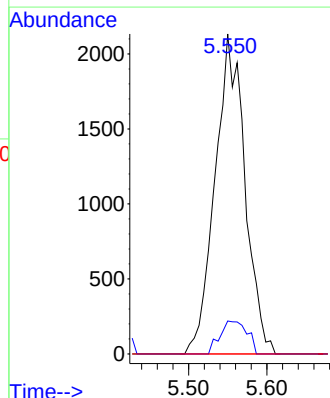
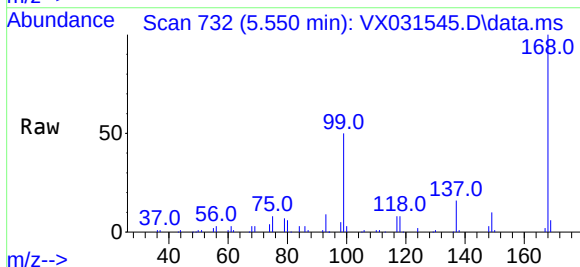
Tgt Ion: 75 Resp: 5648

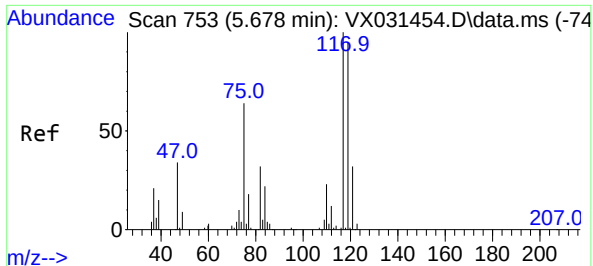
Ion Ratio Lower Upper

75 100

110 9.4 17.5 52.5#

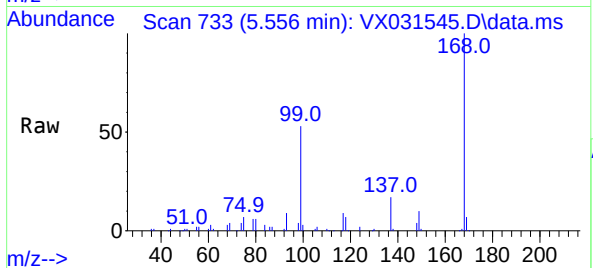
77 0.0 24.9 37.3#



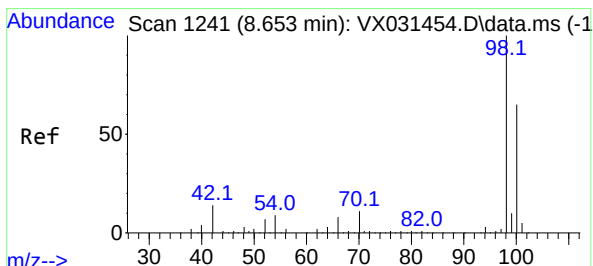
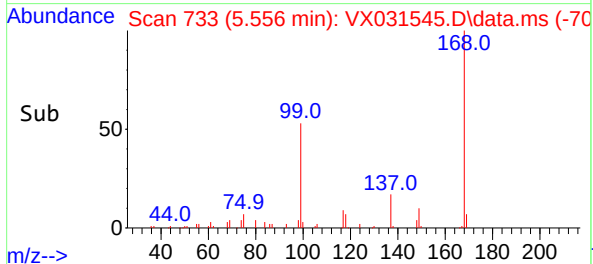
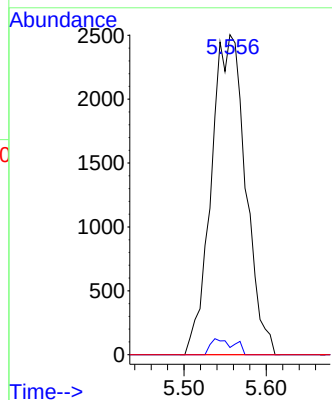


#38
Carbon Tetrachloride
Concen: 3.383 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX031545.D
Acq: 22 Sep 2022 03:23

Instrument :
MSVOA_X
ClientSampleId :
TB091322

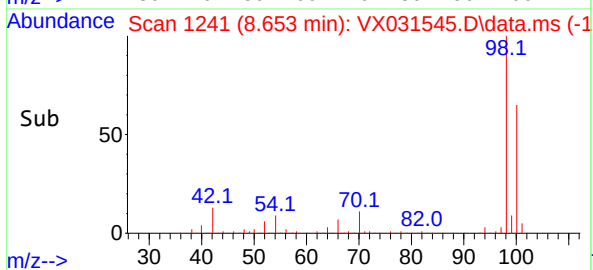
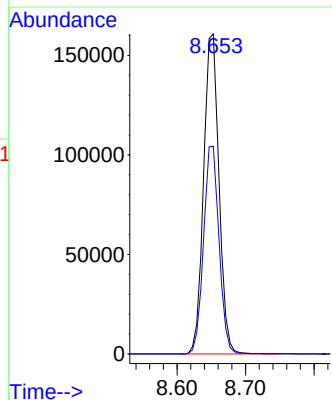
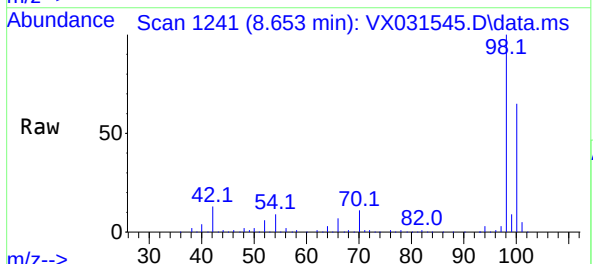


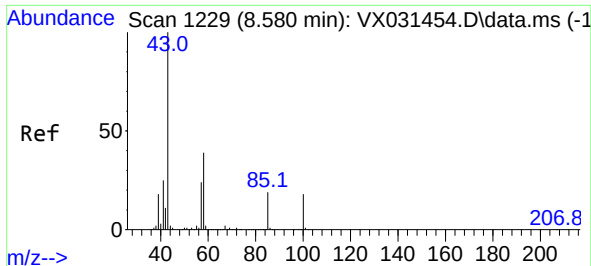
Tgt Ion:117 Resp: 7276
Ion Ratio Lower Upper
117 100
119 2.2 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 51.794 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031545.D
Acq: 22 Sep 2022 03:23

Tgt Ion: 98 Resp: 251859
Ion Ratio Lower Upper
98 100
100 65.3 52.5 78.7

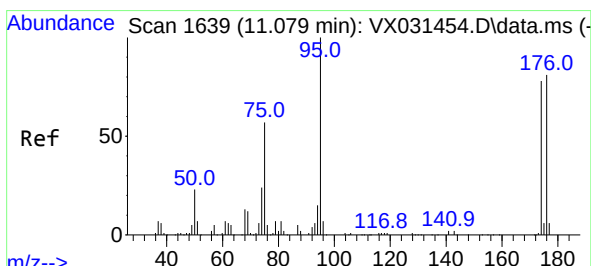
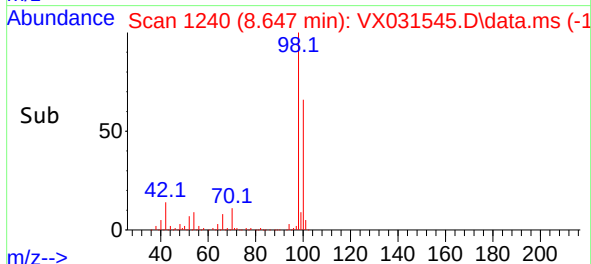
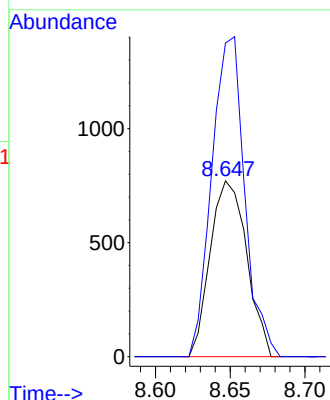
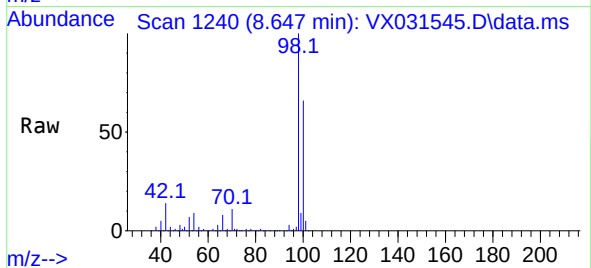




#51
4-Methyl-2-Pentanone
Concen: 0.572 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX031545.D
Acq: 22 Sep 2022 03:23

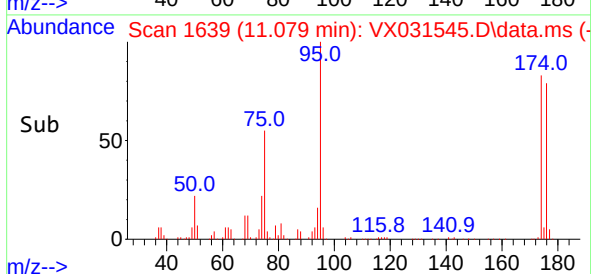
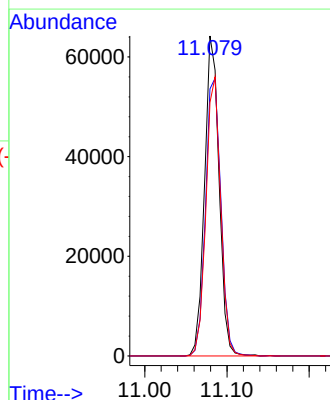
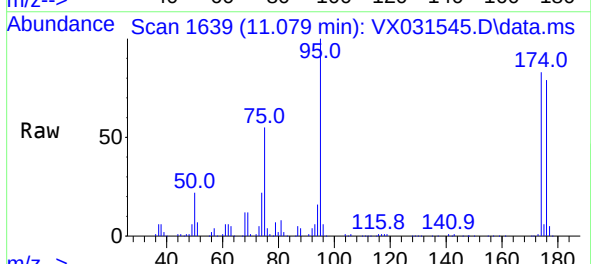
Instrument :
MSVOA_X
ClientSampleId :
TB091322

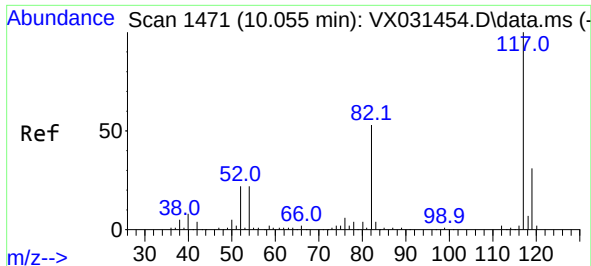
Tgt Ion: 43 Resp: 1309
Ion Ratio Lower Upper
43 100
58 163.9 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 47.794 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031545.D
Acq: 22 Sep 2022 03:23

Tgt Ion: 95 Resp: 78723
Ion Ratio Lower Upper
95 100
174 91.9 0.0 153.2
176 88.6 0.0 144.0

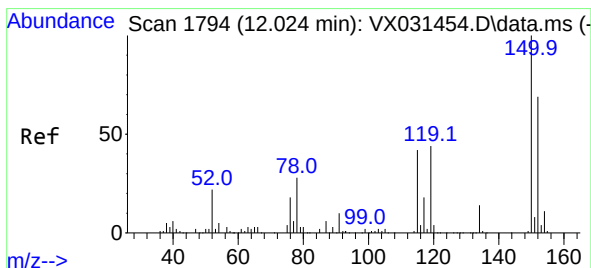
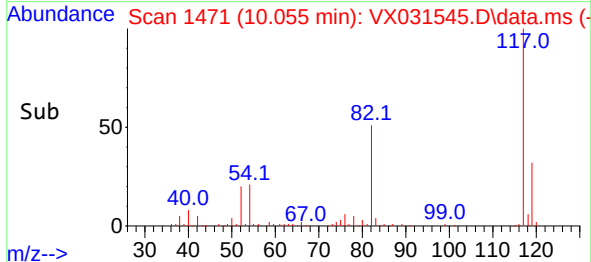
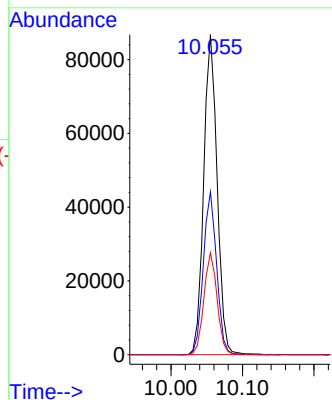
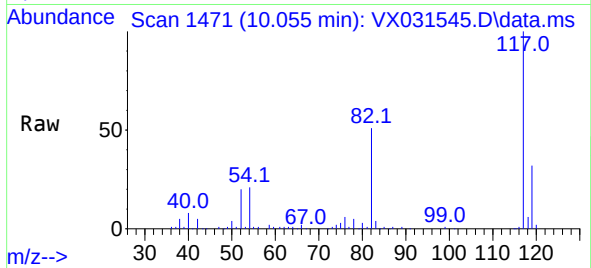




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031545.D
Acq: 22 Sep 2022 03:23

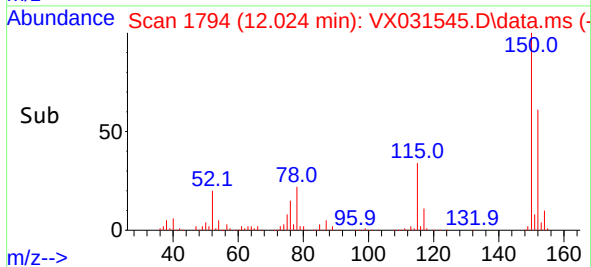
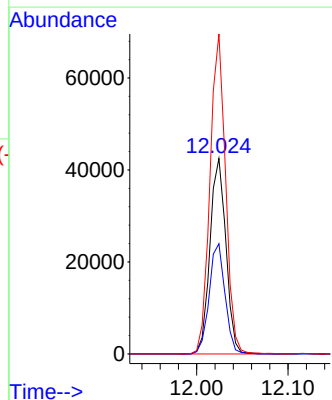
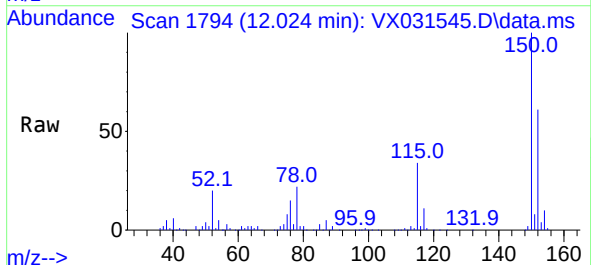
Instrument :
MSVOA_X
ClientSampleId :
TB091322

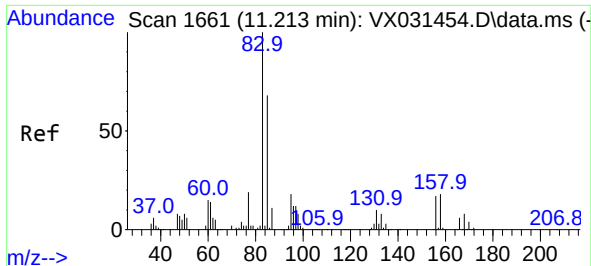
Tgt Ion:	117	Resp:	113351
Ion Ratio	Lower	Upper	
117	100		
82	50.9	46.8	70.2
119	31.8	26.4	39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031545.D
Acq: 22 Sep 2022 03:23

Tgt Ion:	152	Resp:	51525
Ion Ratio	Lower	Upper	
152	100		
115	56.1	43.4	130.1
150	159.6	0.0	346.8

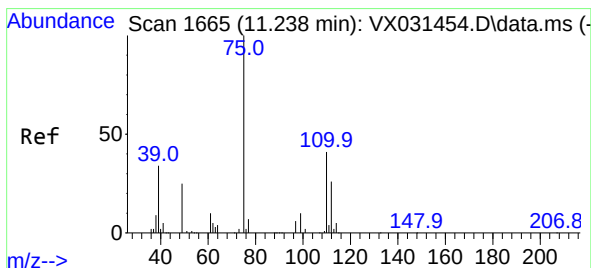
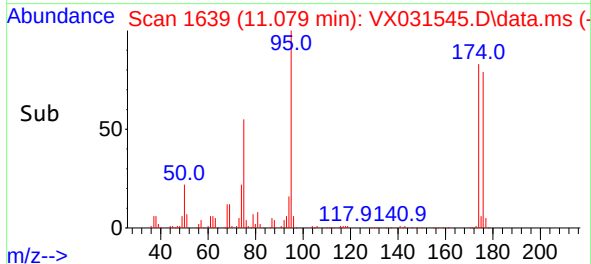
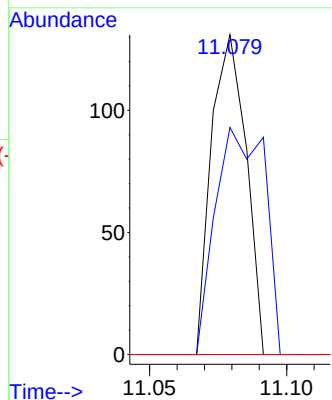
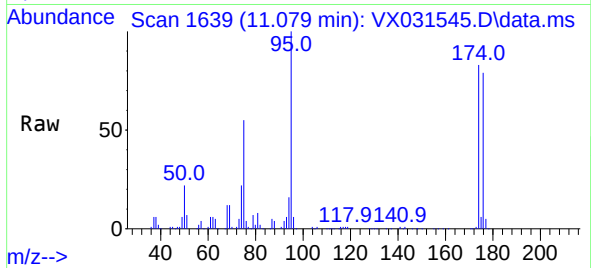




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.079 min Scan# 1639
Delta R.T. -0.134 min
Lab File: VX031545.D
Acq: 22 Sep 2022 03:23

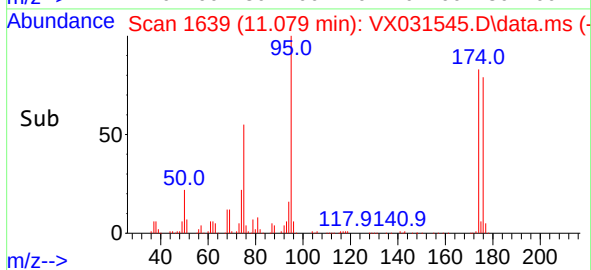
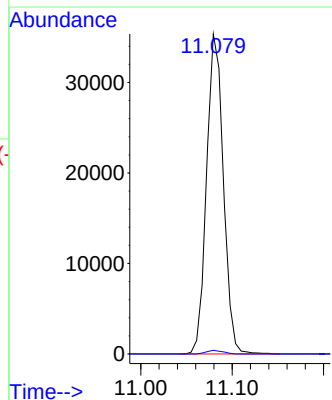
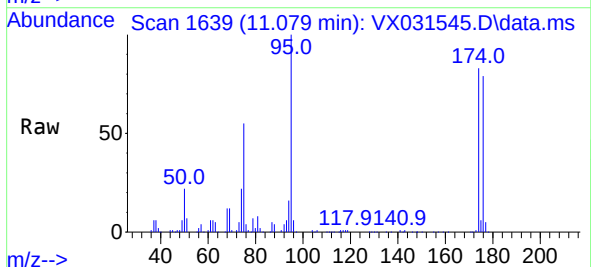
Instrument :
MSVOA_X
ClientSampleId :
TB091322

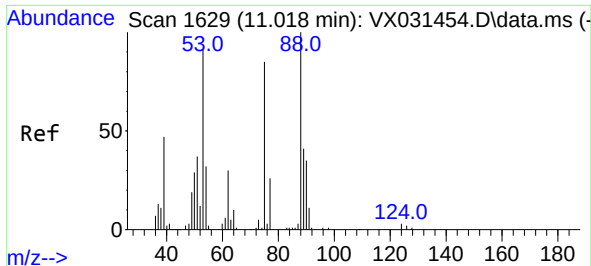
Tgt Ion: 83 Resp: 115
Ion Ratio Lower Upper
83 100
131 100.9 5.1 15.4#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 39.156 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031545.D
Acq: 22 Sep 2022 03:23

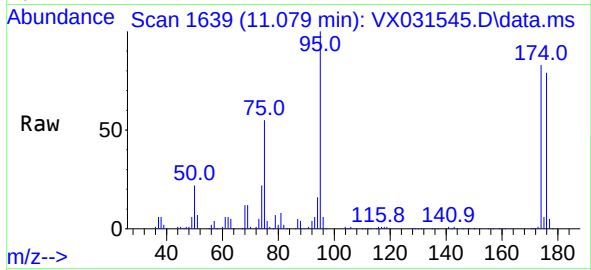
Tgt Ion: 75 Resp: 45029
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.077 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.061 min
 Lab File: VX031545.D
 Acq: 22 Sep 2022 03:23

Instrument :
 MSVOA_X
 ClientSampleId :
 TB091322



Tgt Ion: 75 Resp: 45029

Ion	Ratio	Lower	Upper
75	100		
53	0.0	77.6	116.4#
89	0.0	37.4	56.0#

