

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090922\
 Data File : VX031265.D
 Acq On : 09 Sep 2022 18:29
 Operator : JC/MD
 Sample : N4297-12DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Sep 12 01:00:23 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)

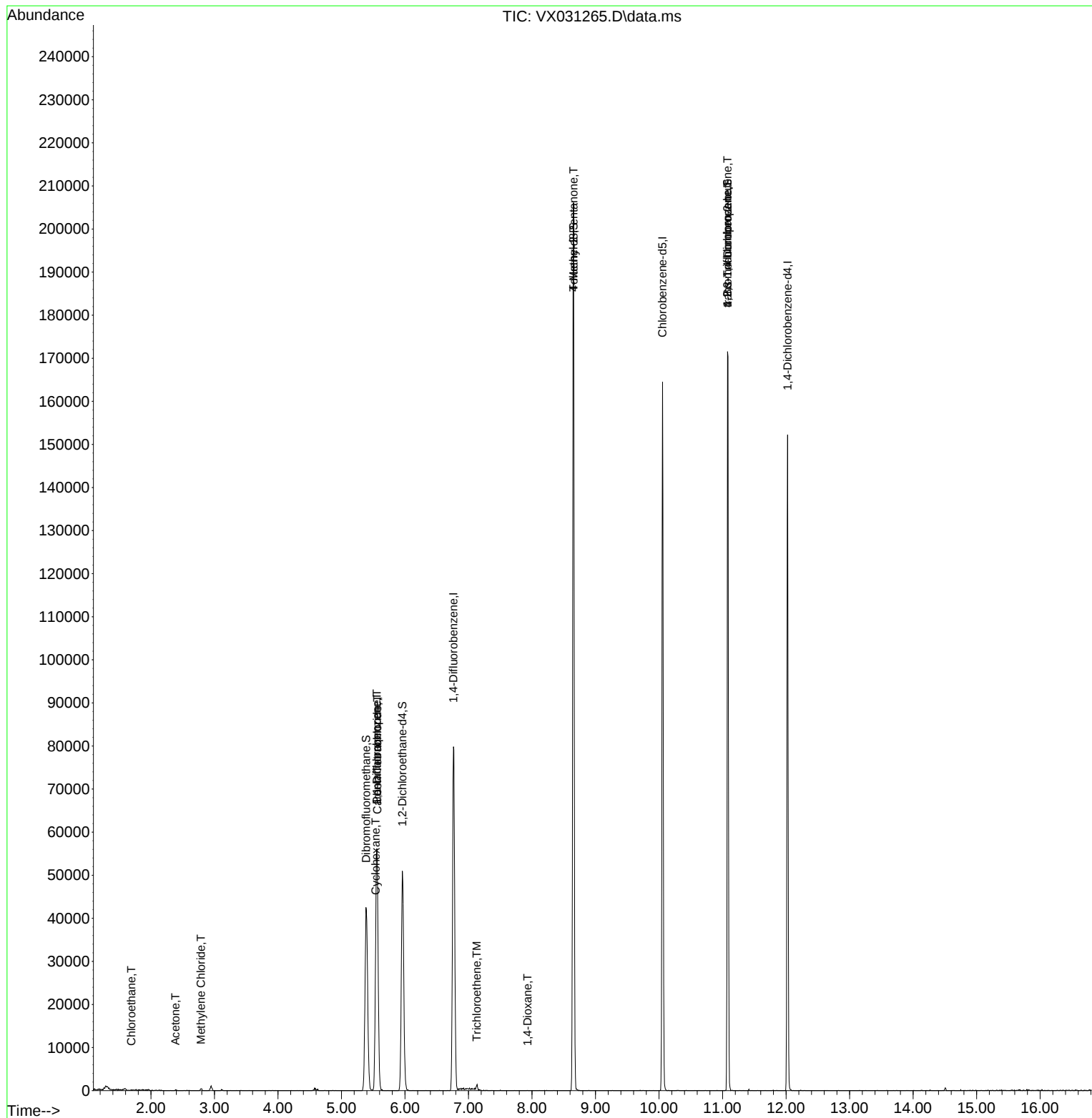
Internal Standards						
1) Pentafluorobenzene	5.556	168	44686	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	76958	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	66598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	28463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	60092	56.800	ug/l	0.00
Spiked Amount 50.000	Range 74	- 125	Recovery	=	113.600%	
35) Dibromofluoromethane	5.385	113	36435	43.446	ug/l	0.00
Spiked Amount 50.000	Range 75	- 124	Recovery	=	86.900%	
50) Toluene-d8	8.653	98	118200	38.793	ug/l	0.00
Spiked Amount 50.000	Range 86	- 113	Recovery	=	77.580%#	
62) 4-Bromofluorobenzene	11.079	95	44280	39.656	ug/l	0.00
Spiked Amount 50.000	Range 83	- 123	Recovery	=	79.320%#	
Target Compounds						
					Qvalue	
6) Chloroethane	1.691	64	76	0.208	ug/l	# 41
11) Tert butyl alcohol	2.947	59	551	Below Cal	#	74
16) Acetone	2.386	43	214	0.584	ug/l	# 40
20) Methylene Chloride	2.788	84	287	0.333	ug/l	# 35
31) Cyclohexane	5.538	56	593	0.502	ug/l	# 27
36) 1,1-Dichloropropene	5.556	75	4028	3.207	ug/l	# 51
38) Carbon Tetrachloride	5.562	117	5766	4.364	ug/l	# 13
44) Trichloroethene	7.129	130	201	0.210	ug/l	75
49) 1,4-Dioxane	7.927	88	44	1.863	ug/l	# 25
51) 4-Methyl-2-Pentanone	8.653	43	540	0.502	ug/l	# 1
76) 1,2,3-Trichloropropane	11.079	75	28822	37.103	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	28822	119.655	ug/l	# 12

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

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Response via : Initial Calibration

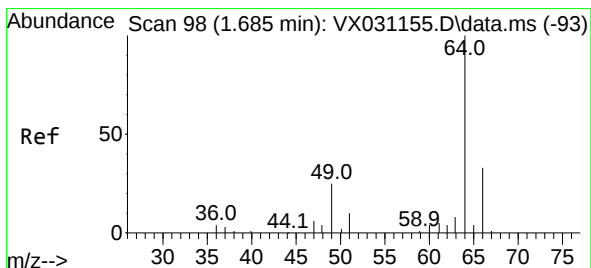
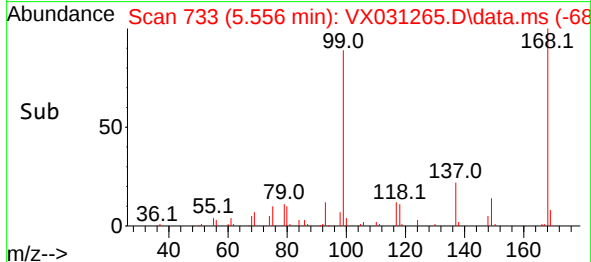
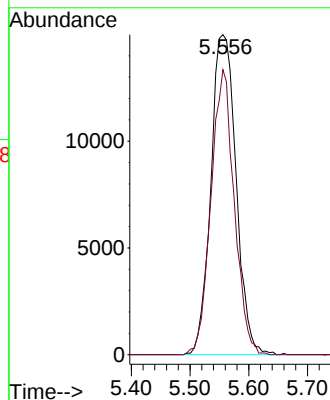
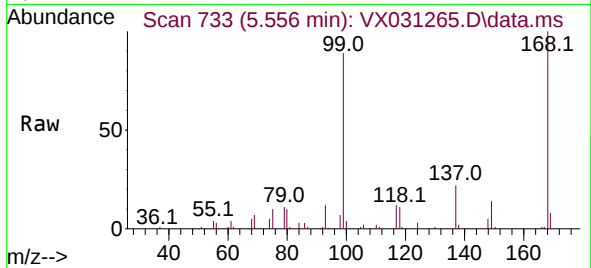




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031265.D
Acq: 09 Sep 2022 18:29

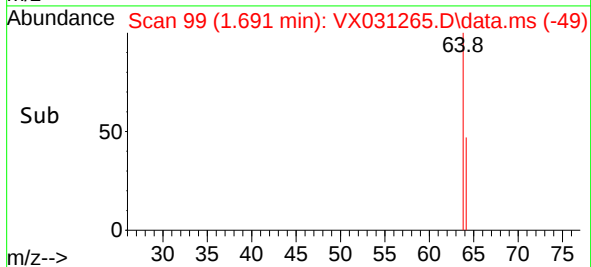
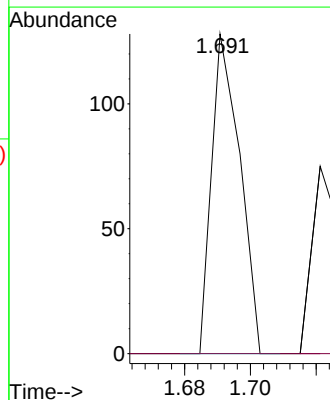
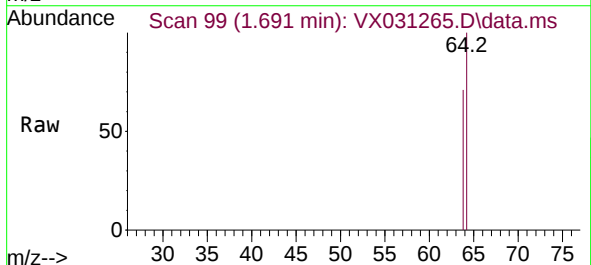
Instrument :
MSVOA_X
ClientSampleId :
TB

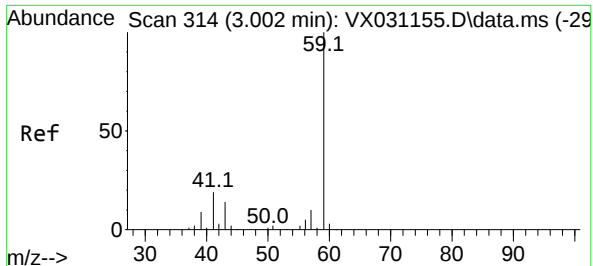
Tgt Ion:168 Resp: 44686
Ion Ratio Lower Upper
168 100
99 89.0 44.0 66.0#



#6
Chloroethane
Concen: 0.208 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX031265.D
Acq: 09 Sep 2022 18:29

Tgt Ion: 64 Resp: 76
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

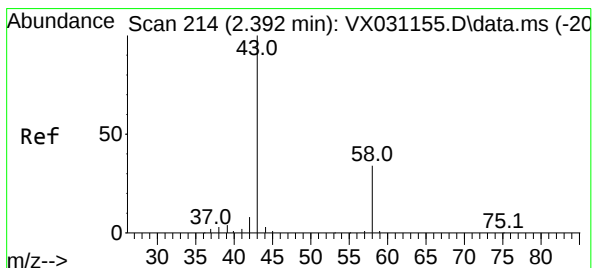
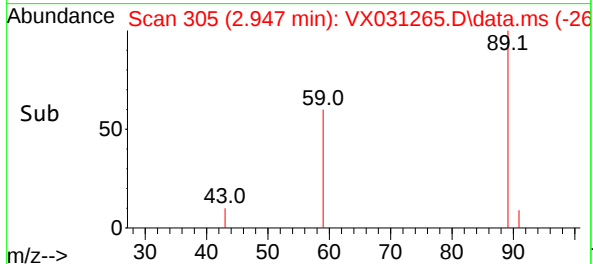
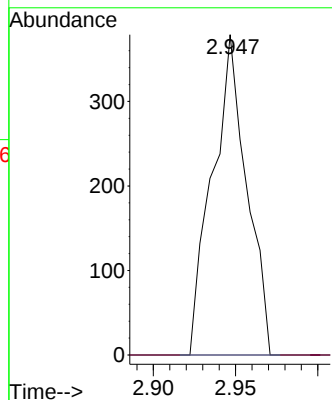
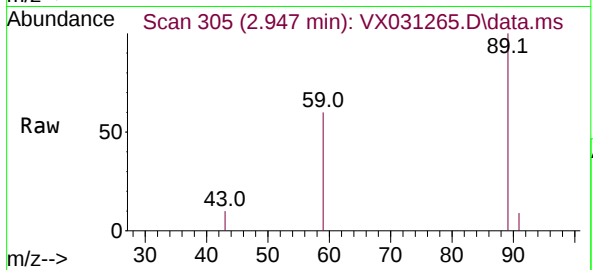




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX031265.D
Acq: 09 Sep 2022 18:29

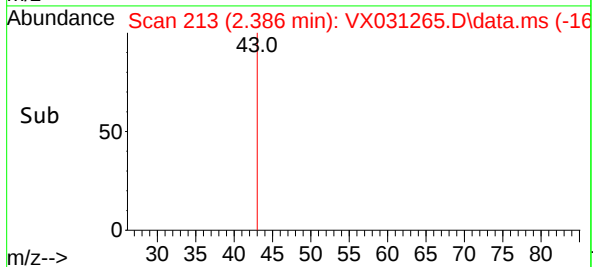
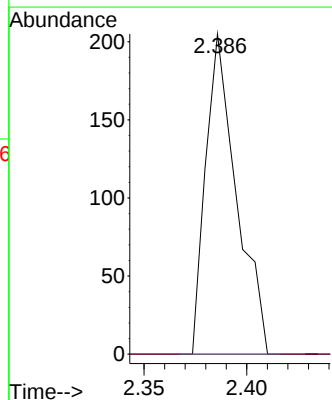
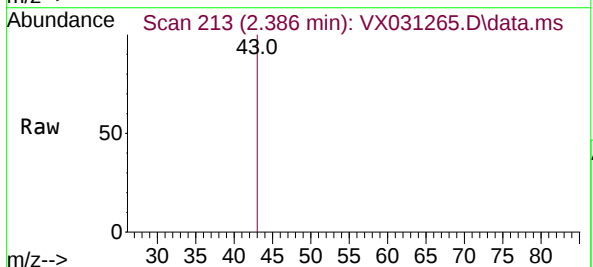
Instrument :
MSVOA_X
ClientSampleId :
TB

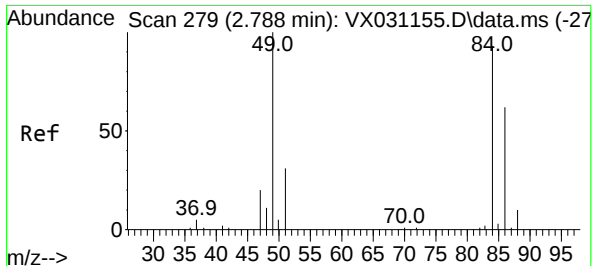
Tgt Ion: 59 Resp: 551
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 0.584 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX031265.D
Acq: 09 Sep 2022 18:29

Tgt Ion: 43 Resp: 214
Ion Ratio Lower Upper
43 100
58 0.0 27.7 41.5#





#20

Methylene Chloride

Concen: 0.333 ug/l

RT: 2.788 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX031265.D

Acq: 09 Sep 2022 18:29

Instrument :

MSVOA_X

ClientSampleId :

TB

Tgt Ion: 84 Resp: 287

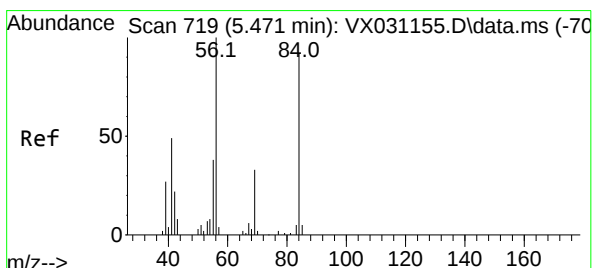
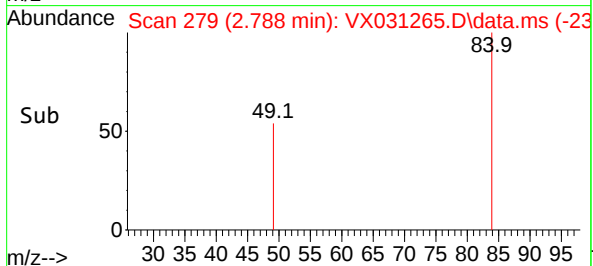
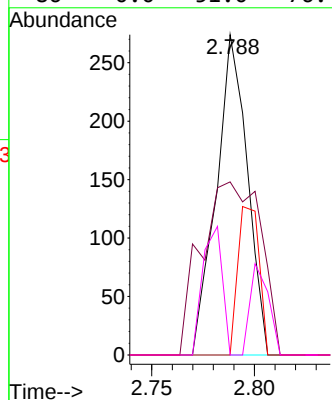
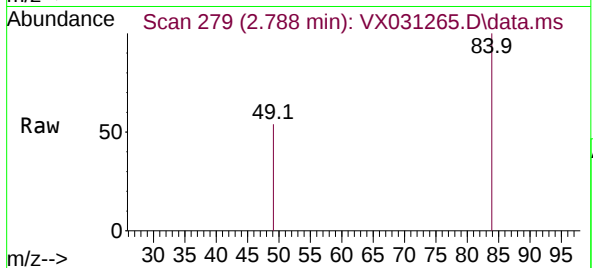
Ion Ratio Lower Upper

84 100

49 54.0 93.8 140.6#

51 0.0 29.4 44.0#

86 0.0 51.0 76.4#



#31

Cyclohexane

Concen: 0.502 ug/l

RT: 5.538 min Scan# 730

Delta R.T. 0.067 min

Lab File: VX031265.D

Acq: 09 Sep 2022 18:29

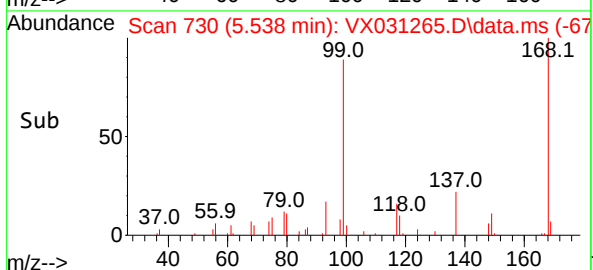
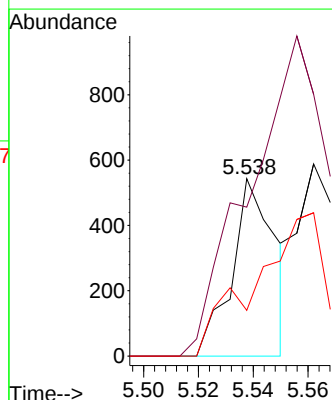
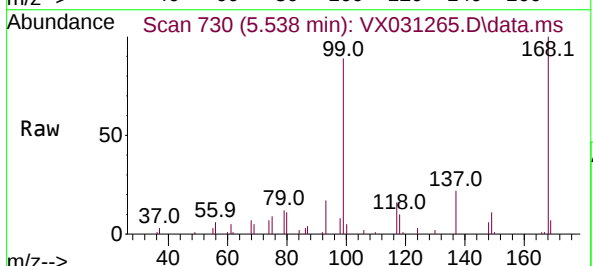
Tgt Ion: 56 Resp: 593

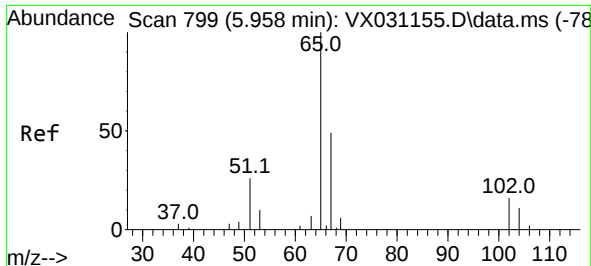
Ion Ratio Lower Upper

56 100

69 84.0 25.4 38.0#

84 25.8 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 56.800 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX031265.D

Acq: 09 Sep 2022 18:29

Instrument :

MSVOA_X

ClientSampleId :

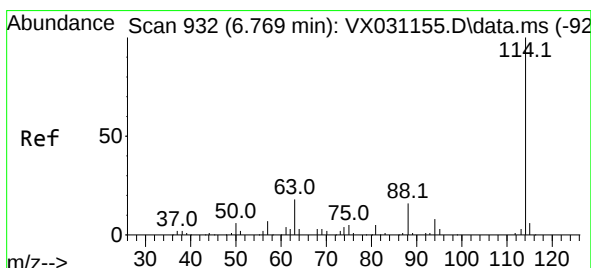
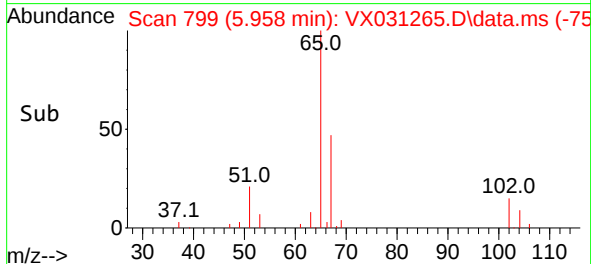
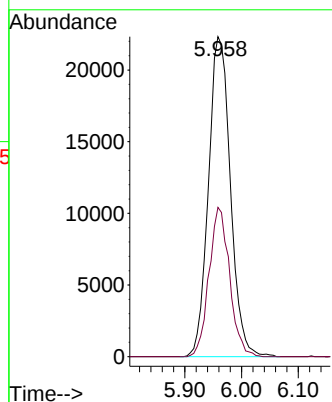
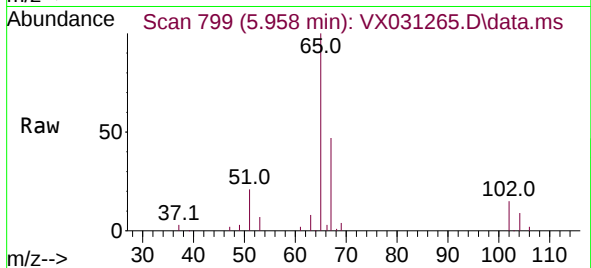
TB

Tgt Ion: 65 Resp: 60092

Ion Ratio Lower Upper

65 100

67 43.8 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: VX031265.D

Acq: 09 Sep 2022 18:29

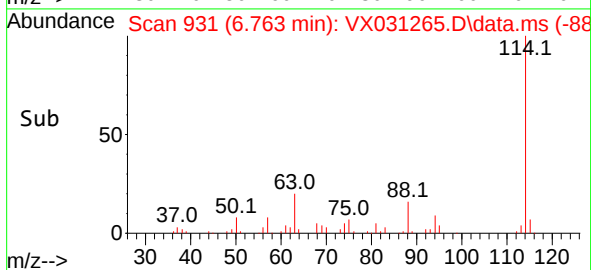
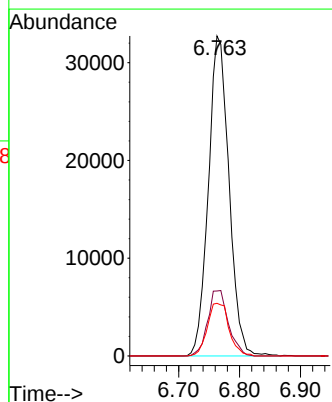
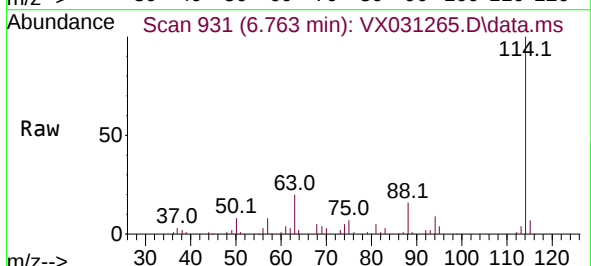
Tgt Ion: 114 Resp: 76958

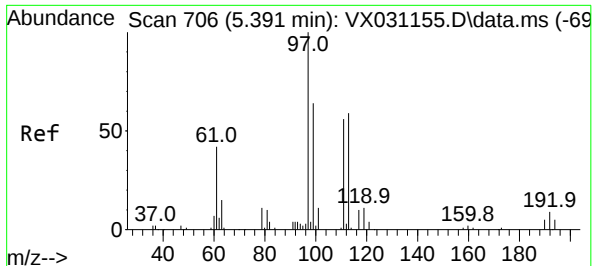
Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.4

88 16.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 43.446 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX031265.D

Acq: 09 Sep 2022 18:29

Instrument :

MSVOA_X

ClientSampleId :

TB

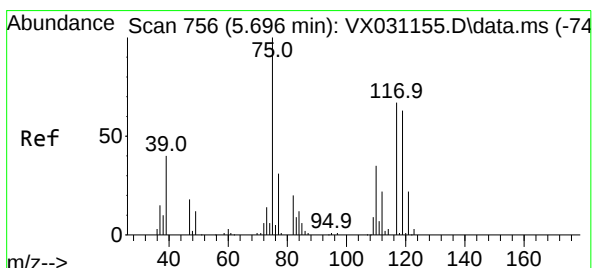
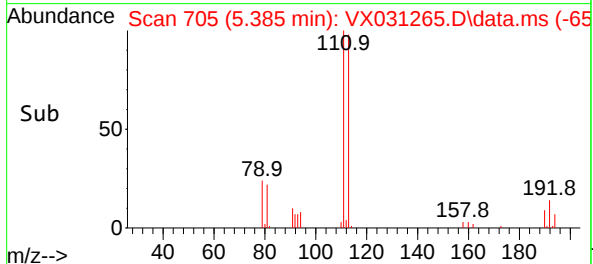
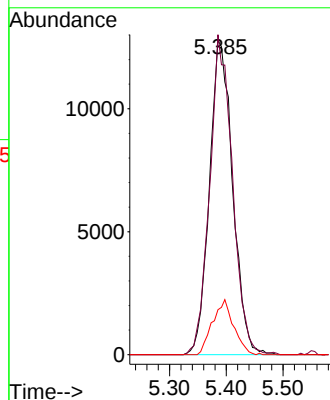
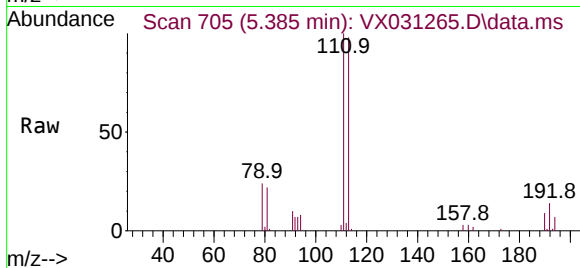
Tgt Ion:113 Resp: 36435

Ion Ratio Lower Upper

113 100

111 99.6 83.2 124.8

192 15.9 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.207 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX031265.D

Acq: 09 Sep 2022 18:29

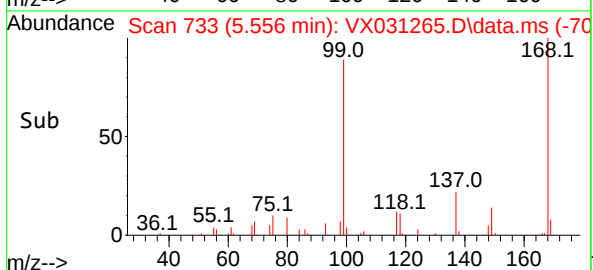
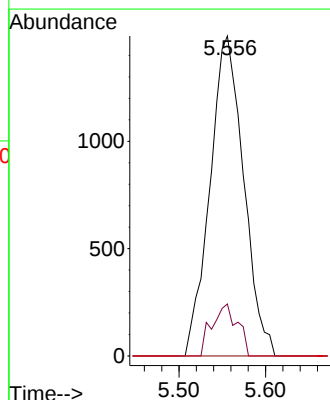
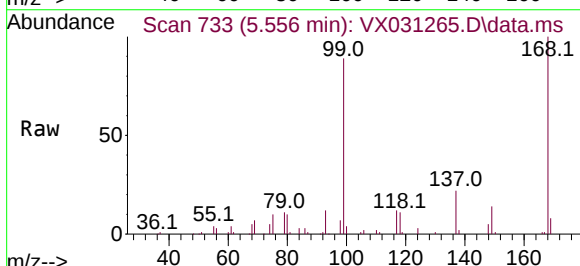
Tgt Ion: 75 Resp: 4028

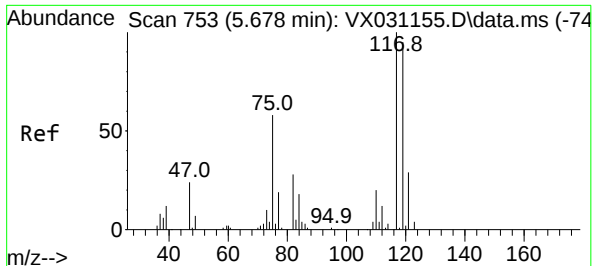
Ion Ratio Lower Upper

75 100

110 12.2 19.3 57.9#

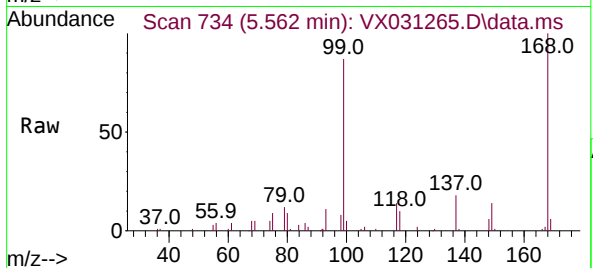
77 0.0 24.4 36.6#



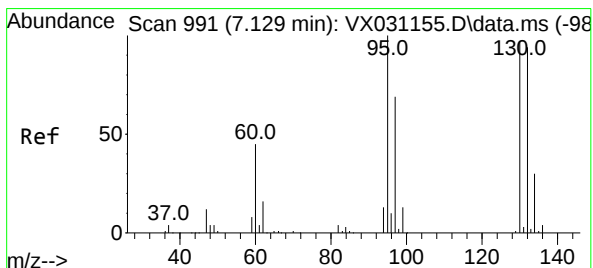
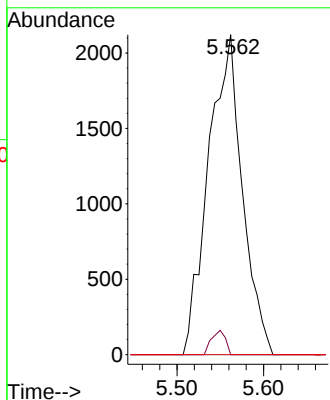
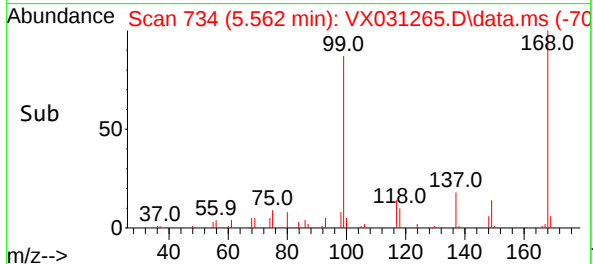


#38
Carbon Tetrachloride
Concen: 4.364 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.116 min
Lab File: VX031265.D
Acq: 09 Sep 2022 18:29

Instrument :
MSVOA_X
ClientSampleId :
TB

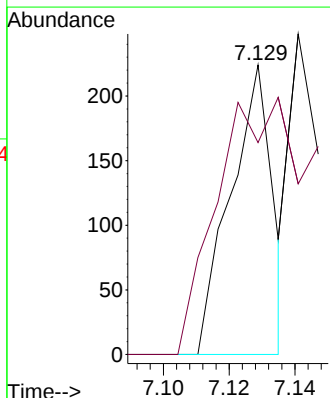
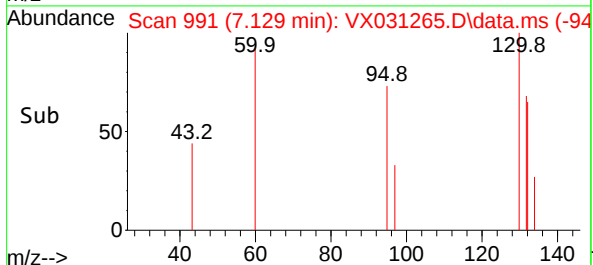
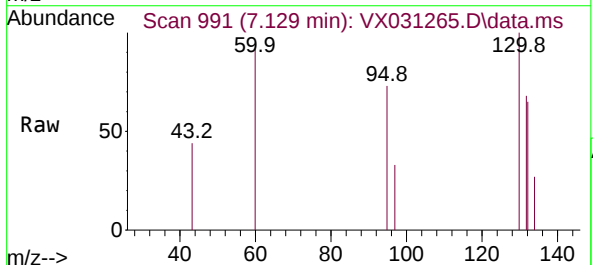


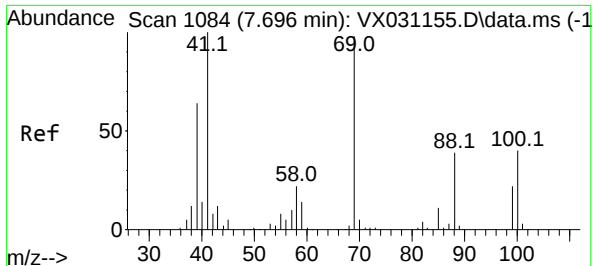
Tgt Ion:117 Resp: 5766
Ion Ratio Lower Upper
117 100
119 0.0 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.210 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031265.D
Acq: 09 Sep 2022 18:29

Tgt Ion:130 Resp: 201
Ion Ratio Lower Upper
130 100
95 73.2 0.0 194.8





#49

1,4-Dioxane

Concen: 1.863 ug/l

RT: 7.927 min Scan# 1122

Delta R.T. 0.232 min

Lab File: VX031265.D

Acq: 09 Sep 2022 18:29

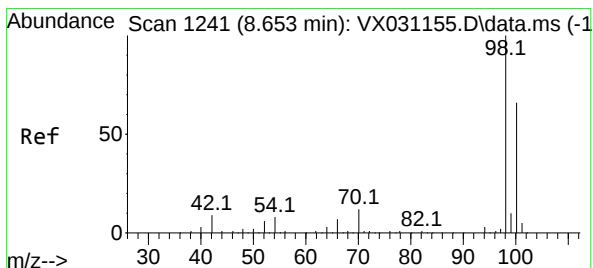
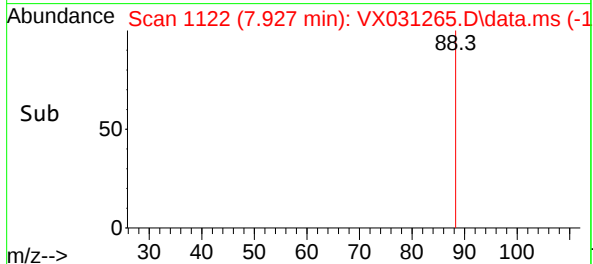
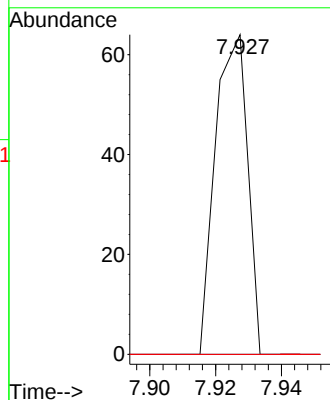
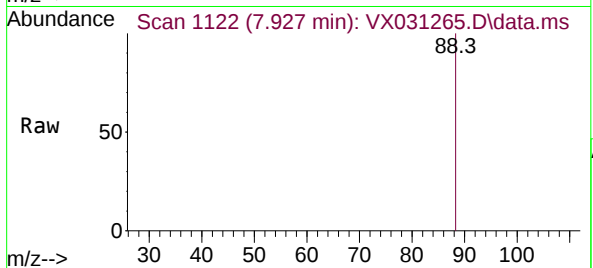
Instrument :

MSVOA_X

ClientSampleId :

TB

Tgt Ion: 88	Resp: 44
Ion Ratio	Lower Upper
88 100	
43 0.0	23.8 35.8#
58 0.0	53.8 80.6#



#50

Toluene-d8

Concen: 38.793 ug/l

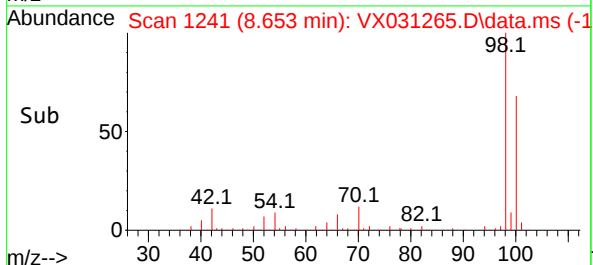
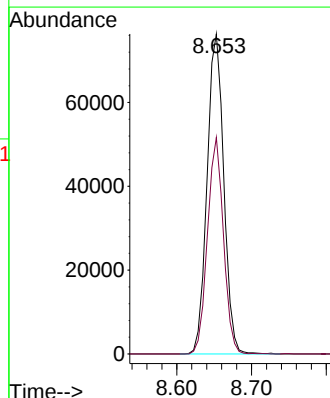
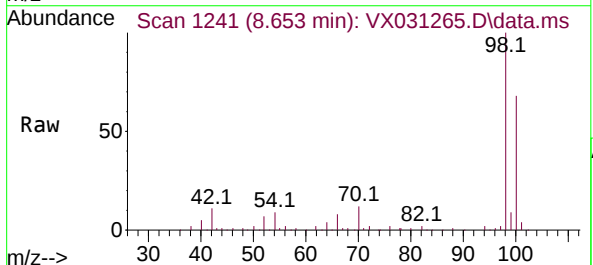
RT: 8.653 min Scan# 1241

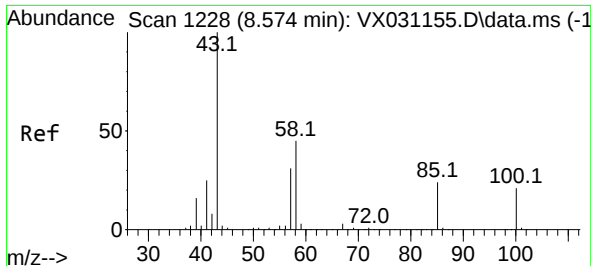
Delta R.T. -0.000 min

Lab File: VX031265.D

Acq: 09 Sep 2022 18:29

Tgt Ion: 98	Resp: 118200
Ion Ratio	Lower Upper
98 100	
100 64.8	52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 0.502 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX031265.D

Acq: 09 Sep 2022 18:29

Instrument :

MSVOA_X

ClientSampleId :

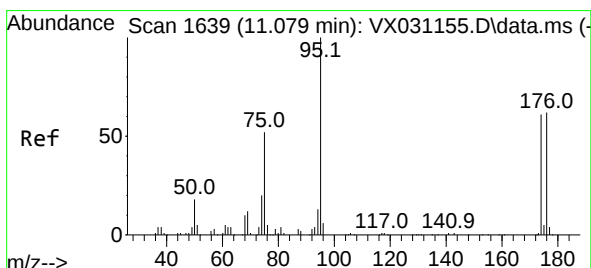
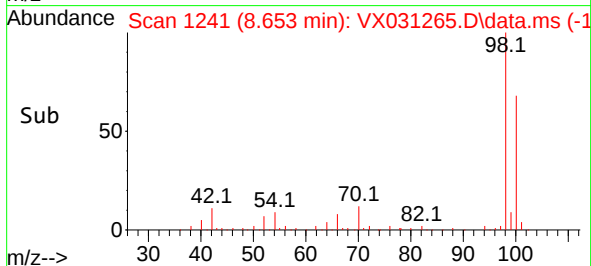
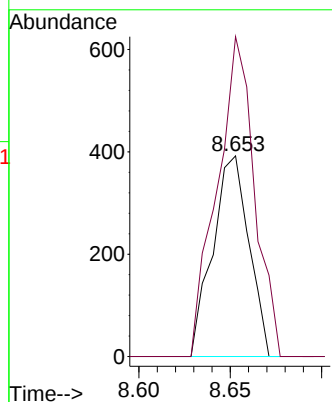
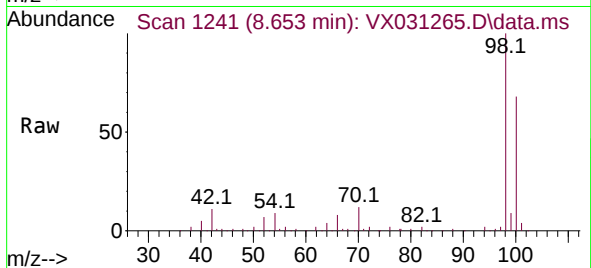
TB

Tgt Ion: 43 Resp: 540

Ion Ratio Lower Upper

43 100

58 164.6 31.4 47.2#



#62

4-Bromofluorobenzene

Concen: 39.656 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX031265.D

Acq: 09 Sep 2022 18:29

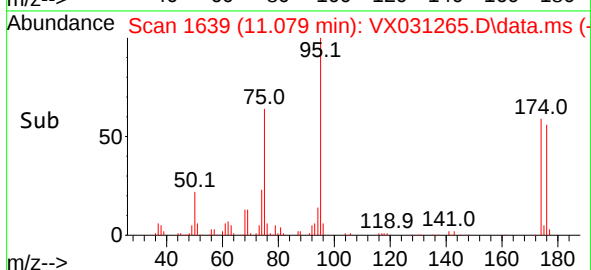
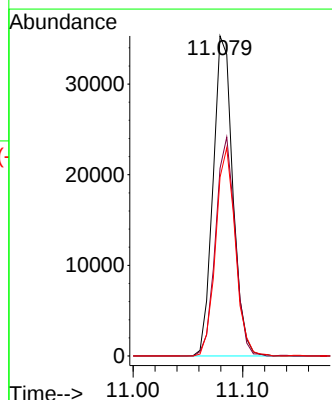
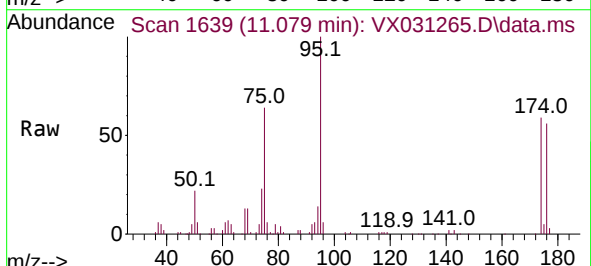
Tgt Ion: 95 Resp: 44280

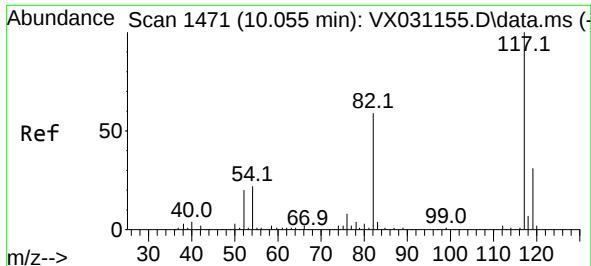
Ion Ratio Lower Upper

95 100

174 67.5 0.0 149.0

176 64.5 0.0 146.0

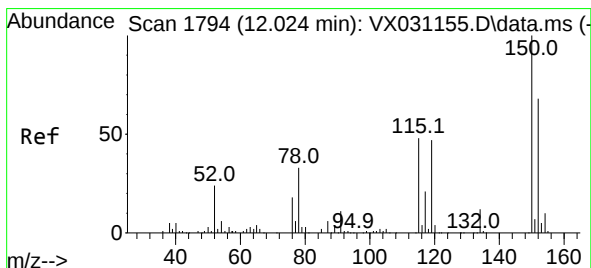
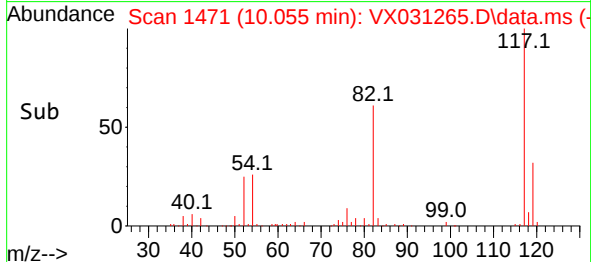
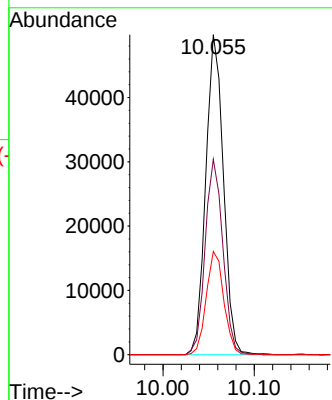
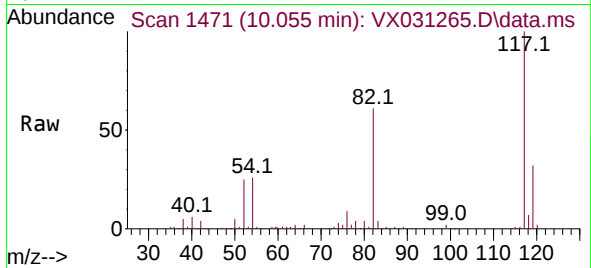




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031265.D
Acq: 09 Sep 2022 18:29

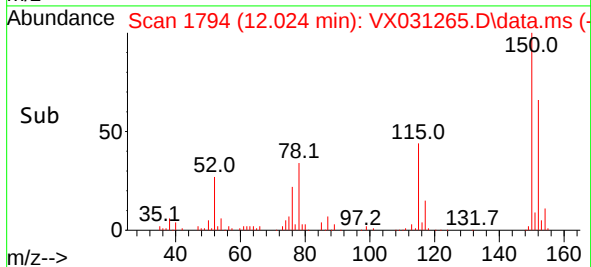
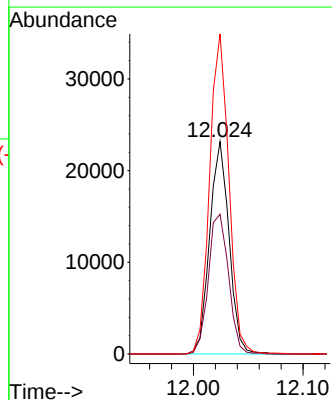
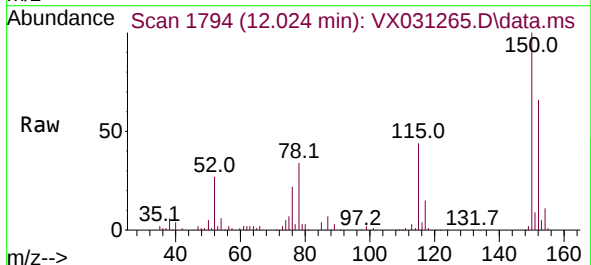
Instrument :
MSVOA_X
ClientSampleId :
TB

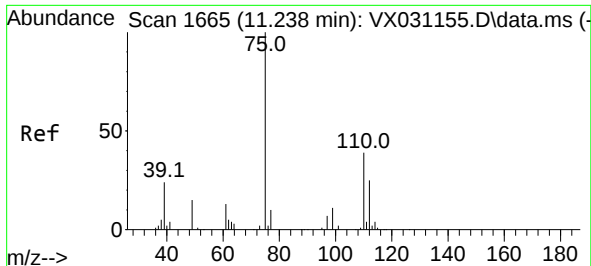
Tgt Ion:117 Resp: 66598
Ion Ratio Lower Upper
117 100
82 61.0 42.7 64.1
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX031265.D
Acq: 09 Sep 2022 18:29

Tgt Ion:152 Resp: 28463
Ion Ratio Lower Upper
152 100
115 68.6 40.5 121.5
150 149.5 0.0 347.0

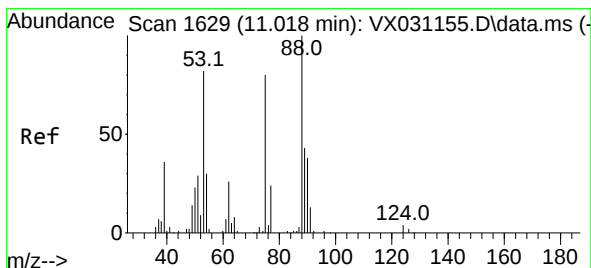
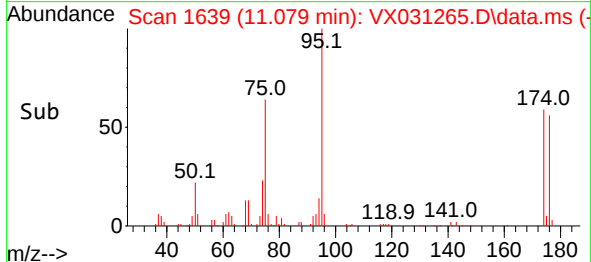
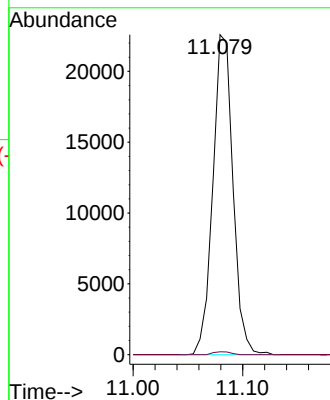
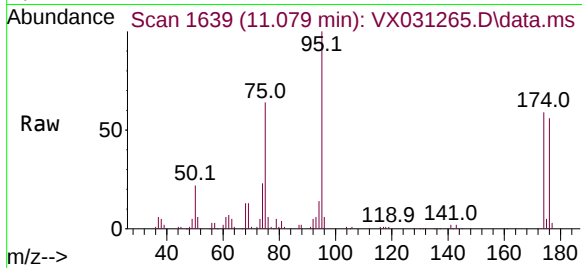




#76
1,2,3-Trichloropropane
Concen: 37.103 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031265.D
Acq: 09 Sep 2022 18:29

Instrument :
MSVOA_X
ClientSampleId :
TB

Tgt Ion: 75 Resp: 28822
Ion Ratio Lower Upper
75 100
77 0.8 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 119.655 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031265.D
Acq: 09 Sep 2022 18:29

Tgt Ion: 75 Resp: 28822
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

