

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031778.D
 Acq On : 29 Sep 2022 17:05
 Operator : JC/MD
 Sample : N4860-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2022-09-27

Quant Time: Sep 30 04:34:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 27 01:44:18 2022
 Response via : Initial Calibration

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

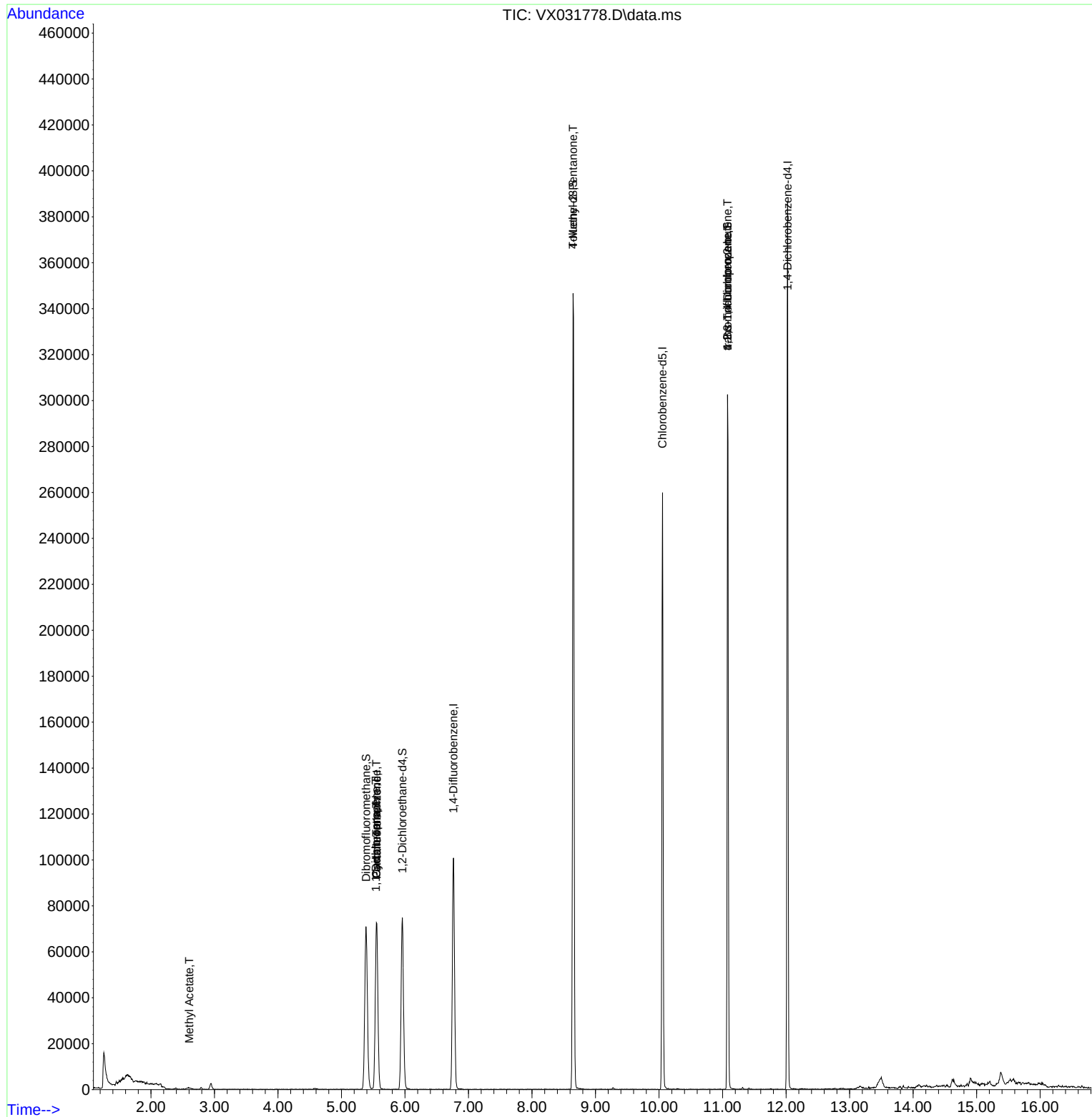
Internal Standards						
1) Pentafluorobenzene	5.556	168	69968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	107631	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117467	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	70996	47.809	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.620%		
35) Dibromofluoromethane	5.385	113	59609	46.481	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.960%		
50) Toluene-d8	8.647	98	213782	45.981	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.960%		
62) 4-Bromofluorobenzene	11.079	95	77009	45.191	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.380%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	288	Below Cal	#	41
5) Bromomethane	1.618	94	210	Below Cal		94
6) Chloroethane	1.599	64	978	Below Cal	#	59
11) Tert butyl alcohol	2.941	59	1465	Below Cal	#	73
16) Acetone	2.392	43	674	Below Cal		97
17) Carbon Disulfide	2.508	76	158	Below Cal	#	75
18) Methyl Acetate	2.605	43	335	0.251 ug/l	#	52
20) Methylene Chloride	2.794	84	417	Below Cal	#	56
31) Cyclohexane	5.550	56	1482	1.050 ug/l	#	52
36) 1,1-Dichloropropene	5.544	75	5213	3.540 ug/l	#	47
38) Carbon Tetrachloride	5.550	117	7757	4.673 ug/l	#	19
51) 4-Methyl-2-Pentanone	8.647	43	838	0.566 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	40014	28.309 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	11.079	75	40014	93.480 ug/l	#	11

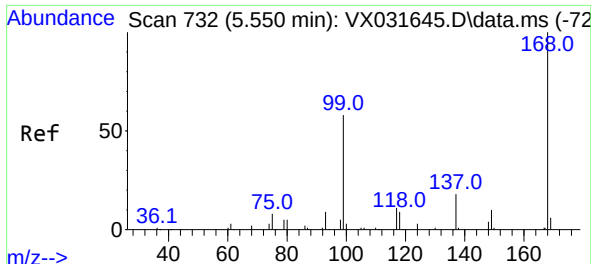
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
Data File : VX031778.D
Acq On : 29 Sep 2022 17:05
Operator : JC/MD
Sample : N4860-11
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-09-27

Quant Time: Sep 30 04:34:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration

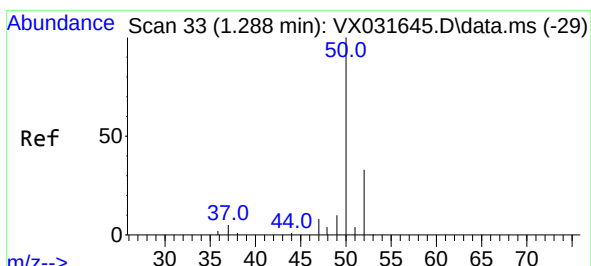
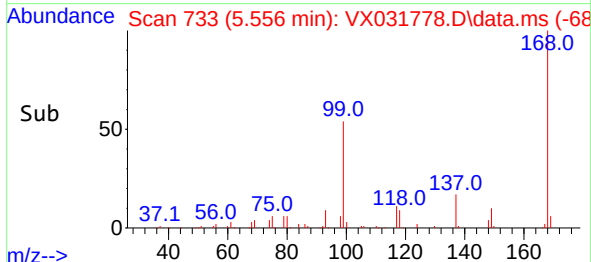
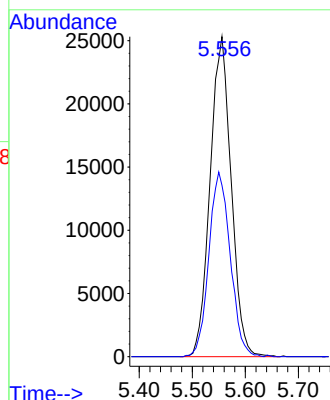
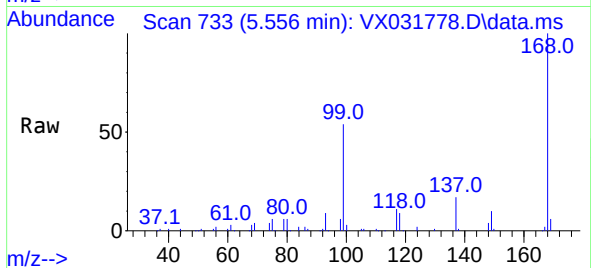




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031778.D
Acq: 29 Sep 2022 17:05

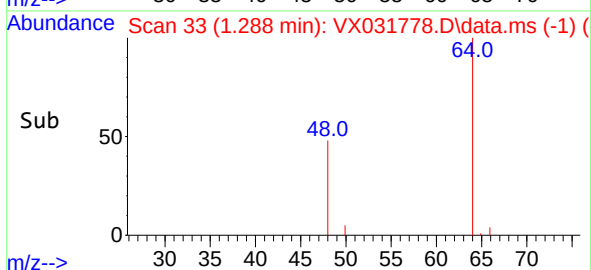
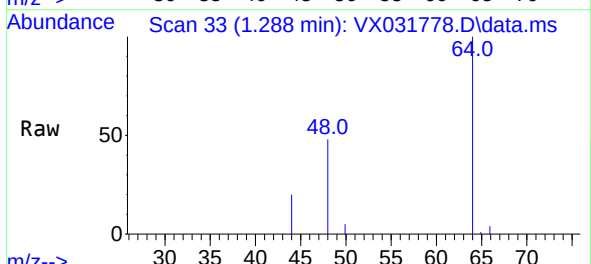
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-09-27

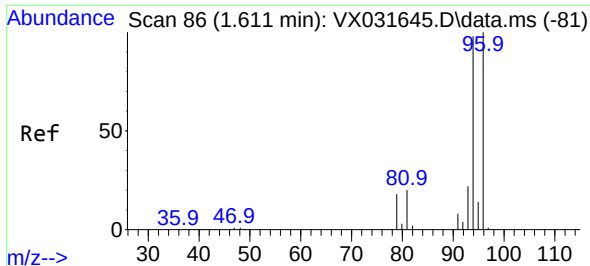
Tgt Ion:168 Resp: 69968
Ion Ratio Lower Upper
168 100
99 53.6 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031778.D
Acq: 29 Sep 2022 17:05

Tgt Ion: 50 Resp: 288
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

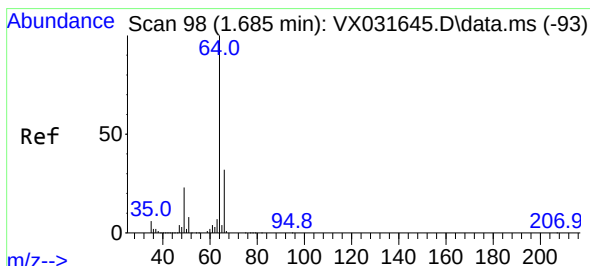
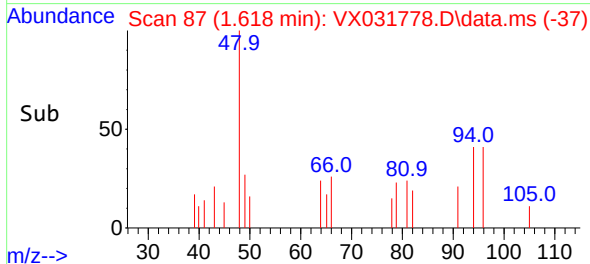
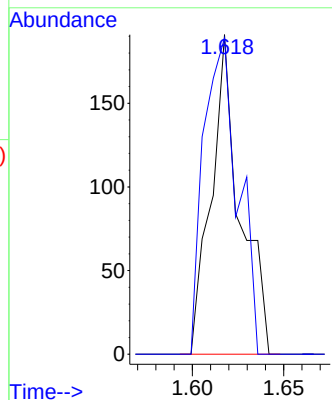
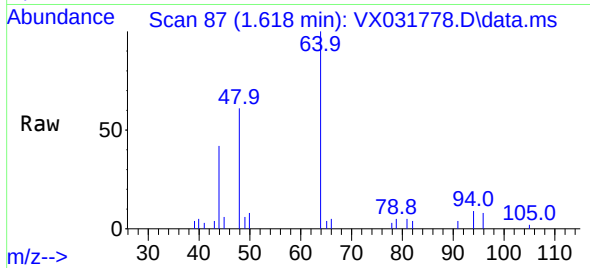




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.007 min
Lab File: VX031778.D
Acq: 29 Sep 2022 17:05

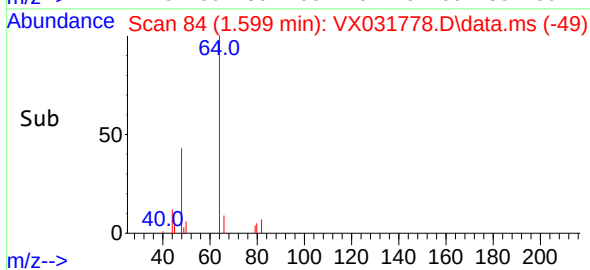
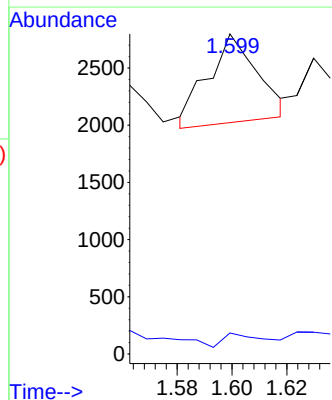
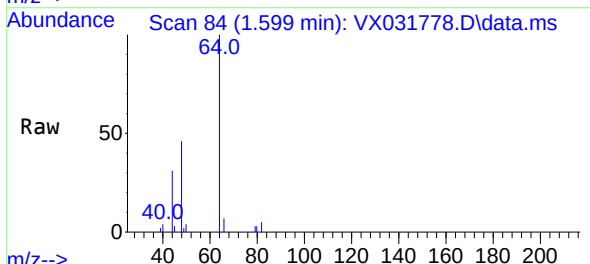
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-09-27

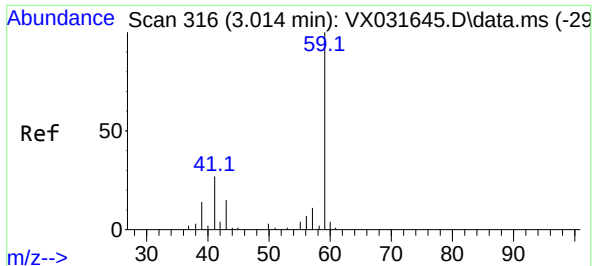
Tgt Ion: 94 Resp: 210
Ion Ratio Lower Upper
94 100
96 99.0 74.4 111.6



#6
Chloroethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. -0.086 min
Lab File: VX031778.D
Acq: 29 Sep 2022 17:05

Tgt Ion: 64 Resp: 978
Ion Ratio Lower Upper
64 100
66 8.4 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: VX031778.D

Acq: 29 Sep 2022 17:05

Instrument :

MSVOA_X

ClientSampleId :

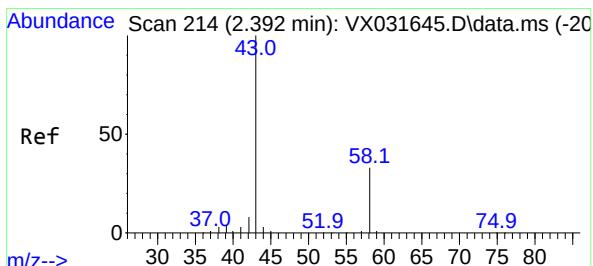
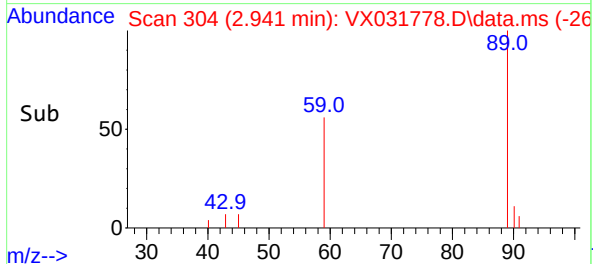
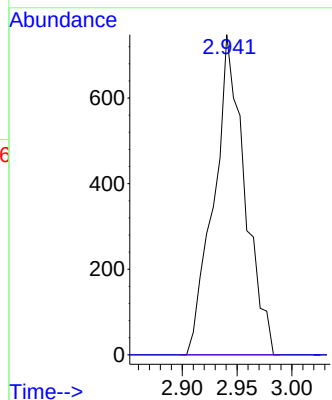
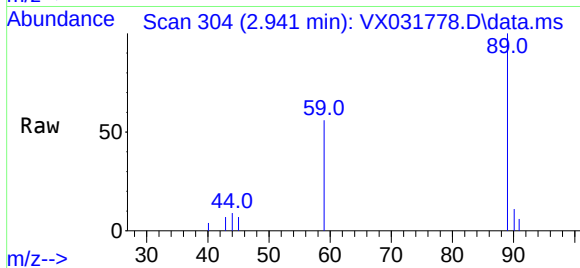
TB-2022-09-27

Tgt Ion: 59 Resp: 1465

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: Below Cal

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX031778.D

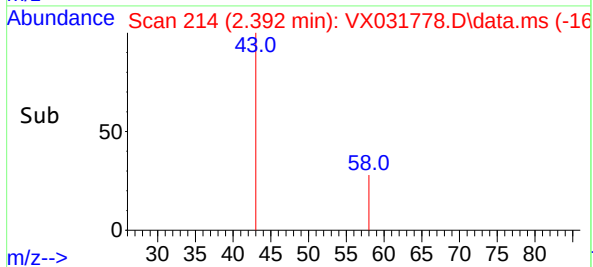
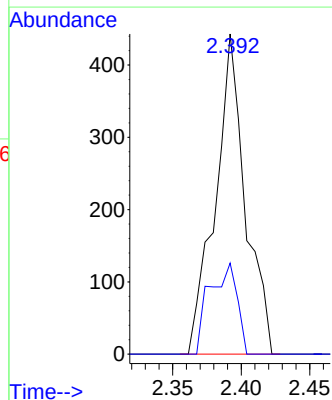
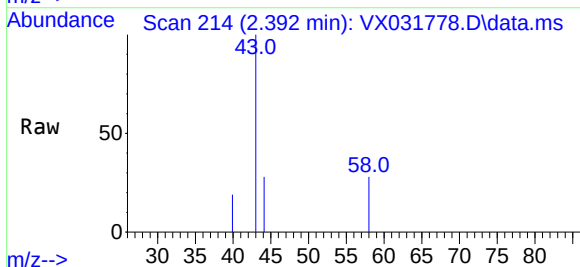
Acq: 29 Sep 2022 17:05

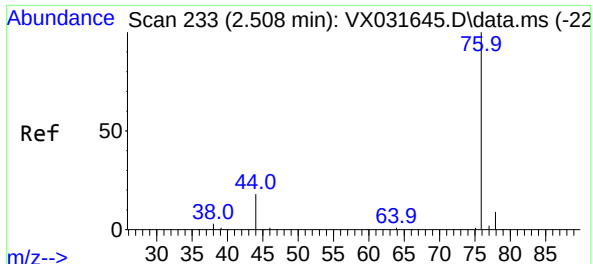
Tgt Ion: 43 Resp: 674

Ion Ratio Lower Upper

43 100

58 28.4 23.8 35.8

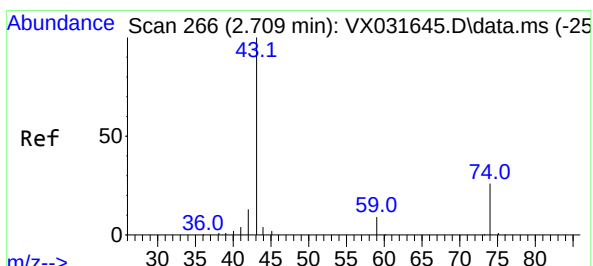
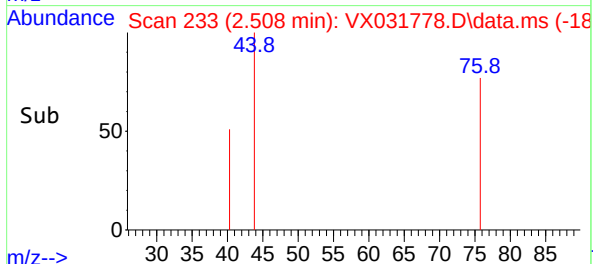
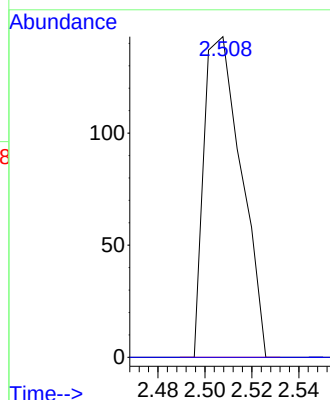
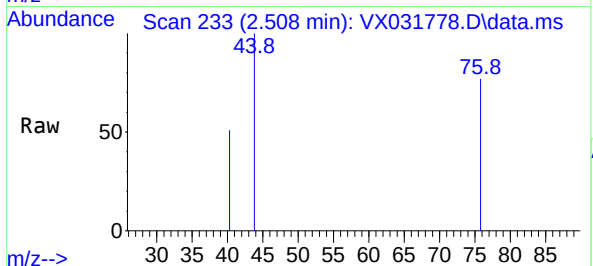




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031778.D
Acq: 29 Sep 2022 17:05

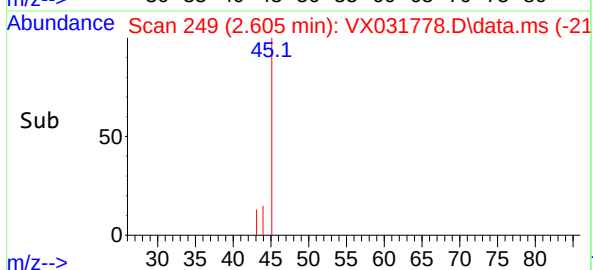
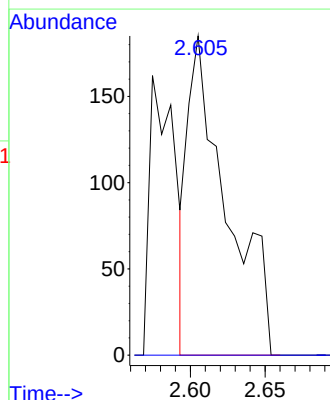
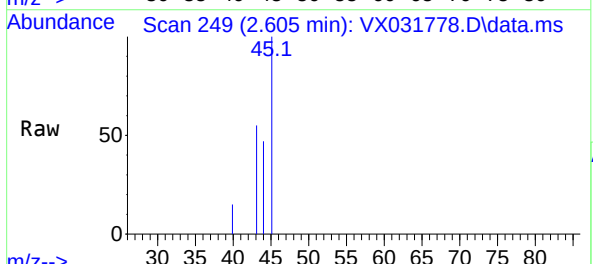
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-09-27

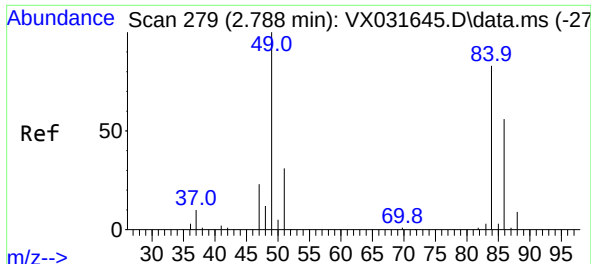
Tgt Ion: 76 Resp: 158
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.251 ug/l
RT: 2.605 min Scan# 249
Delta R.T. -0.104 min
Lab File: VX031778.D
Acq: 29 Sep 2022 17:05

Tgt Ion: 43 Resp: 335
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



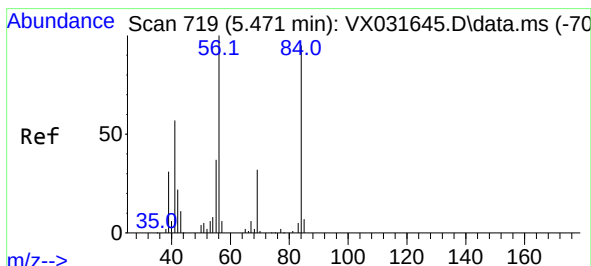
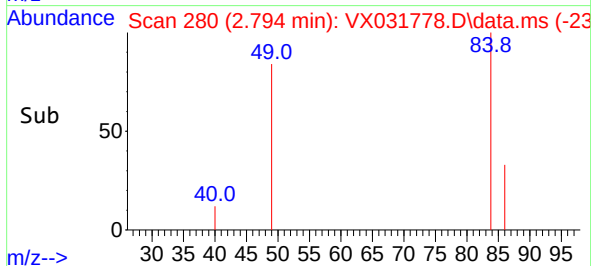
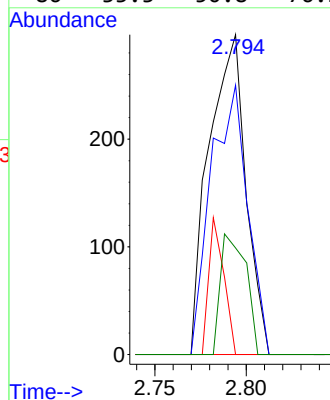
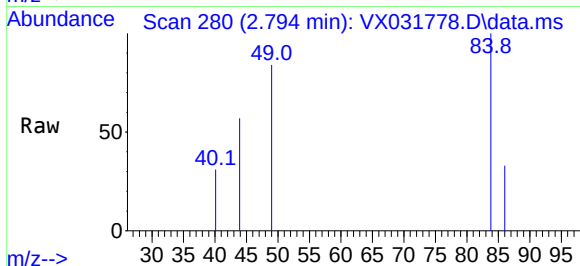


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031778.D
Acq: 29 Sep 2022 17:05

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-09-27

Tgt Ion: 84 Resp: 417

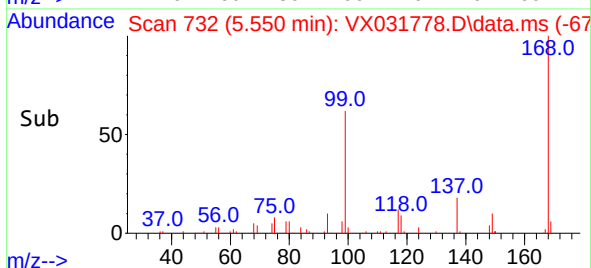
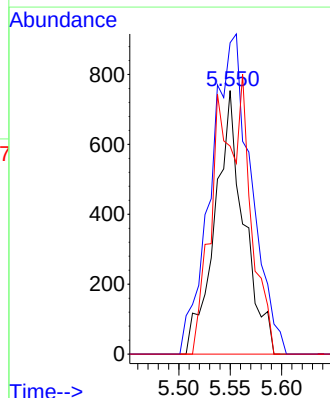
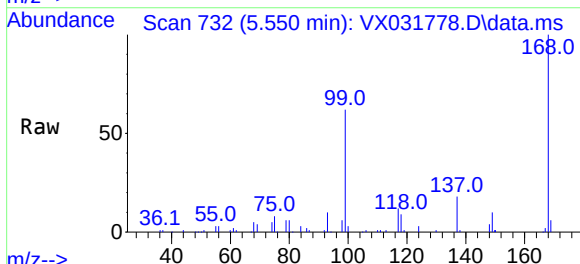
Ion	Ratio	Lower	Upper
84	100		
49	84.2	105.9	158.9#
51	0.0	32.2	48.2#
86	33.3	50.8	76.2#

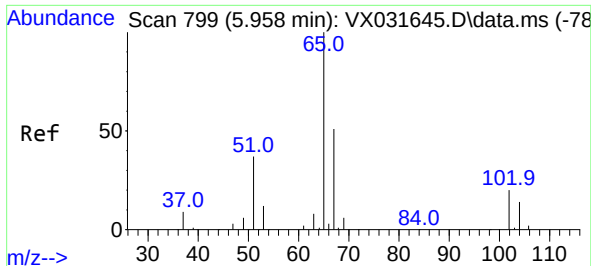


#31
Cyclohexane
Concen: 1.050 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX031778.D
Acq: 29 Sep 2022 17:05

Tgt Ion: 56 Resp: 1482

Ion	Ratio	Lower	Upper
56	100		
69	118.2	25.1	37.7#
84	78.9	70.2	105.4





#33

1,2-Dichloroethane-d4

Concen: 47.809 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031778.D

Acq: 29 Sep 2022 17:05

Instrument :

MSVOA_X

ClientSampleId :

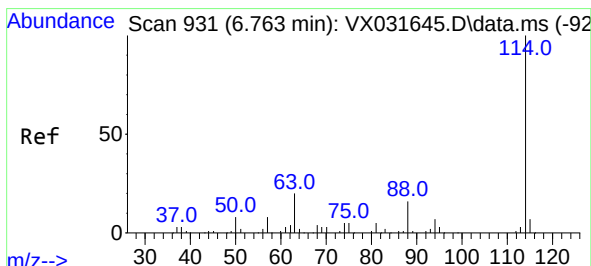
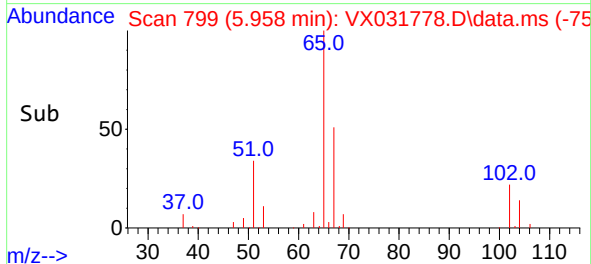
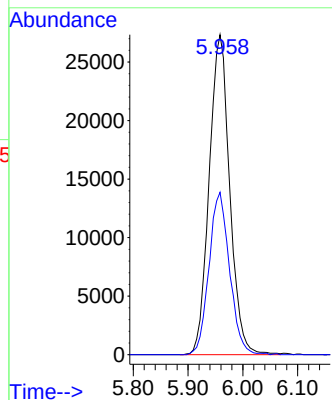
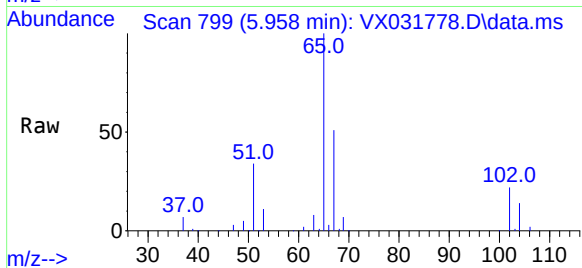
TB-2022-09-27

Tgt Ion: 65 Resp: 70996

Ion Ratio Lower Upper

65 100

67 50.9 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: VX031778.D

Acq: 29 Sep 2022 17:05

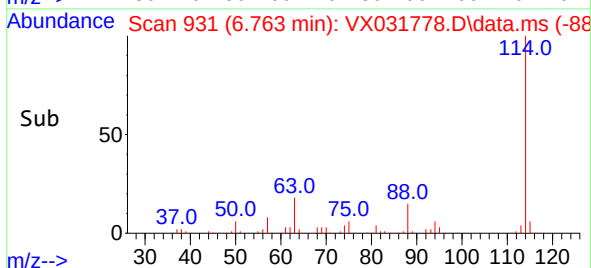
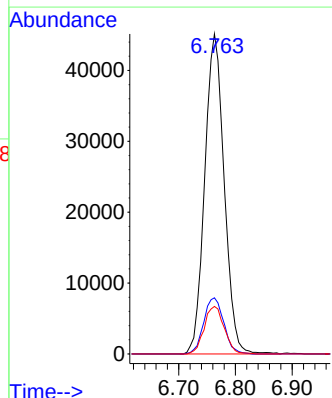
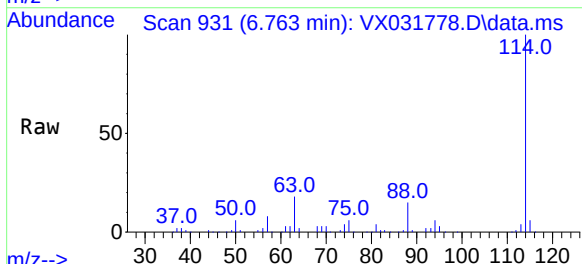
Tgt Ion: 114 Resp: 107631

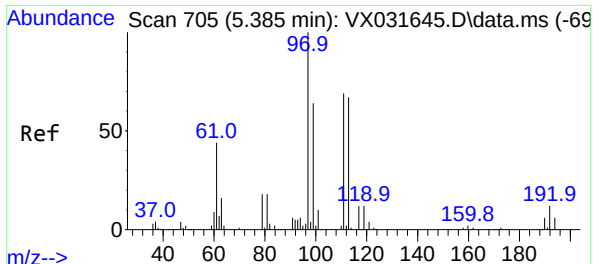
Ion Ratio Lower Upper

114 100

63 17.6 0.0 42.6

88 14.9 0.0 33.0

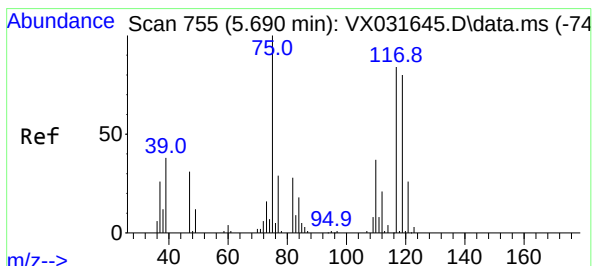
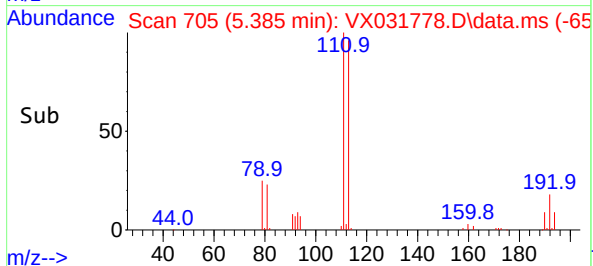
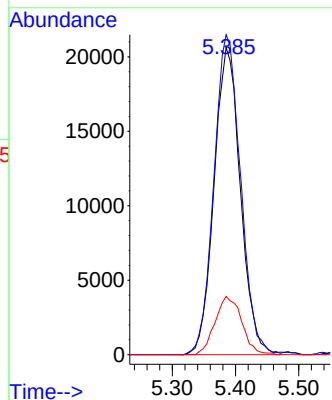
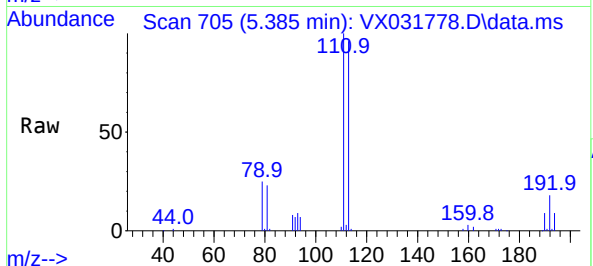




#35
Dibromofluoromethane
Concen: 46.481 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031778.D
Acq: 29 Sep 2022 17:05

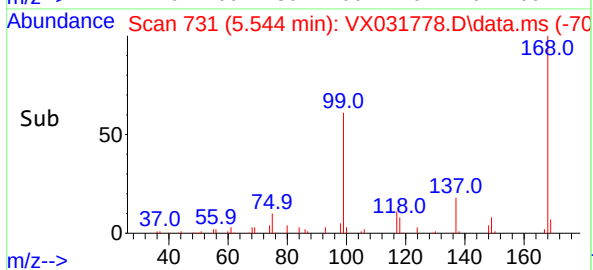
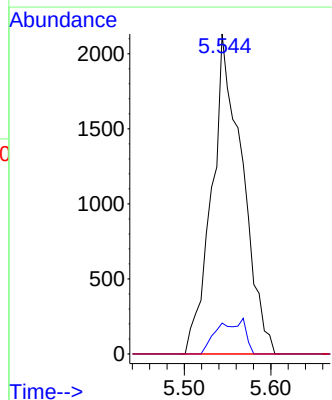
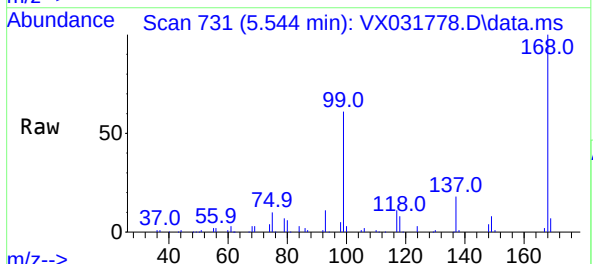
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-09-27

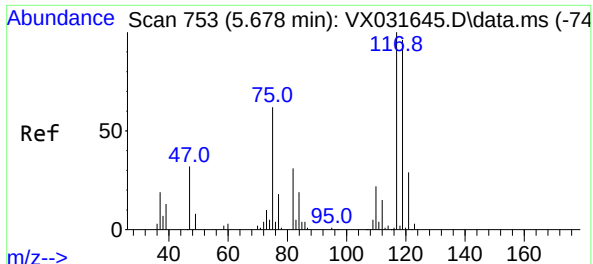
Tgt Ion:113 Resp: 59609
Ion Ratio Lower Upper
113 100
111 105.2 82.4 123.6
192 19.2 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.540 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX031778.D
Acq: 29 Sep 2022 17:05

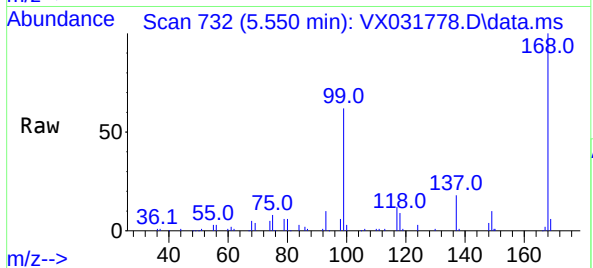
Tgt Ion: 75 Resp: 5213
Ion Ratio Lower Upper
75 100
110 6.3 17.5 52.5#
77 0.0 24.9 37.3#



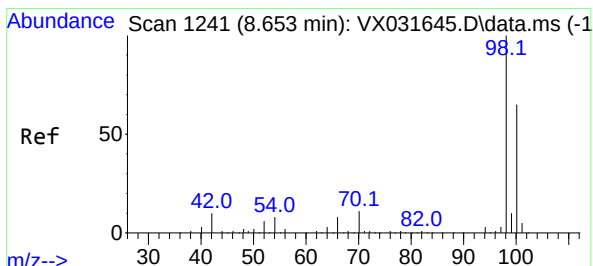
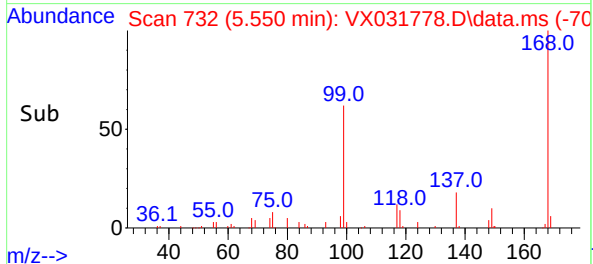
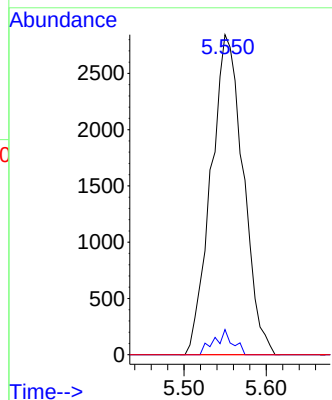


#38
Carbon Tetrachloride
Concen: 4.673 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031778.D
Acq: 29 Sep 2022 17:05

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-09-27

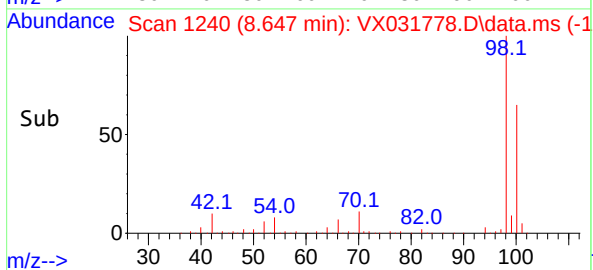
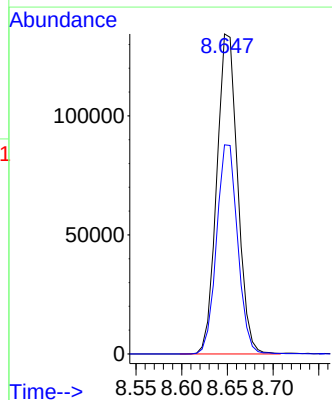
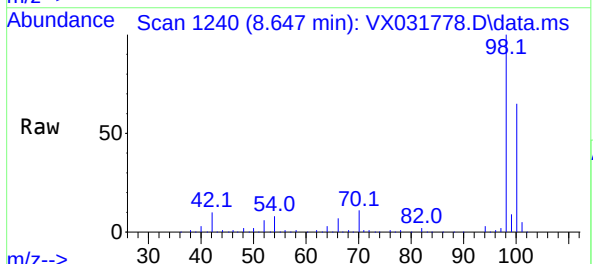


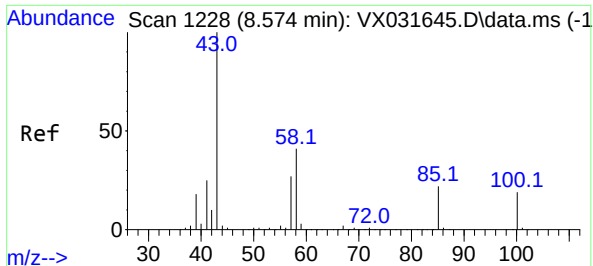
Tgt Ion:117 Resp: 7757
Ion Ratio Lower Upper
117 100
119 7.8 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 45.981 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031778.D
Acq: 29 Sep 2022 17:05

Tgt Ion: 98 Resp: 213782
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.566 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX031778.D

Acq: 29 Sep 2022 17:05

Instrument :

MSVOA_X

ClientSampleId :

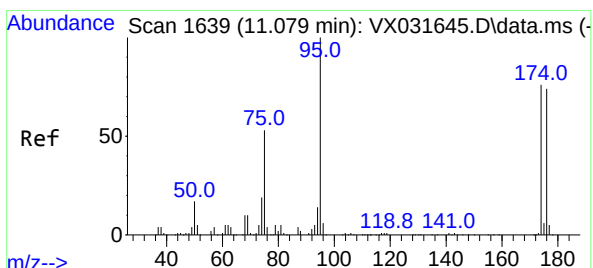
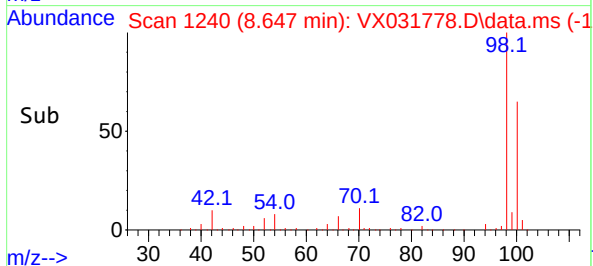
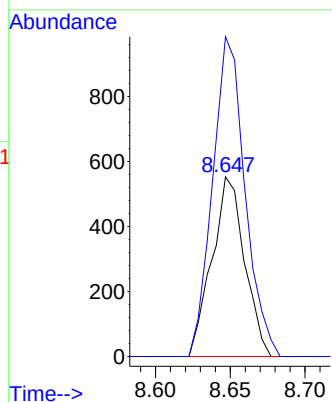
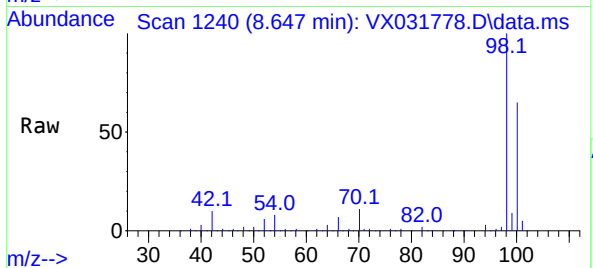
TB-2022-09-27

Tgt Ion: 43 Resp: 838

Ion Ratio Lower Upper

43 100

58 176.8 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 45.191 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031778.D

Acq: 29 Sep 2022 17:05

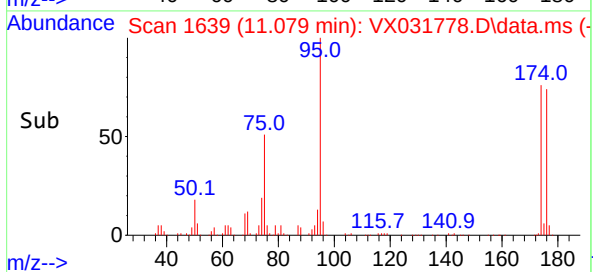
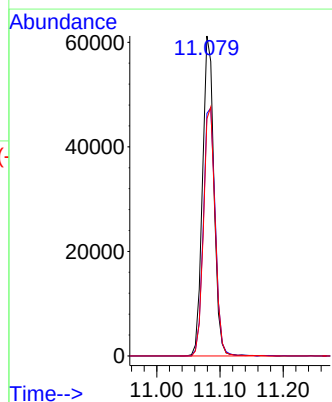
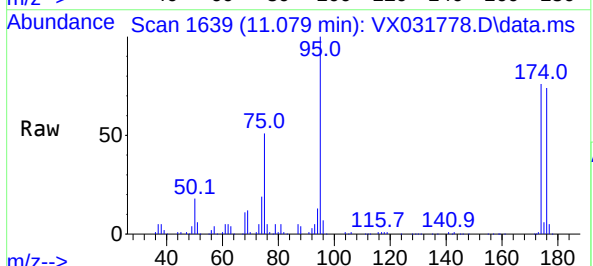
Tgt Ion: 95 Resp: 77009

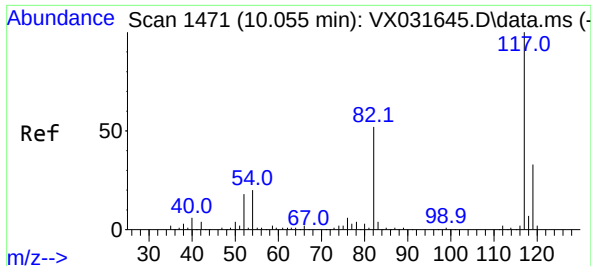
Ion Ratio Lower Upper

95 100

174 80.7 0.0 153.2

176 79.0 0.0 144.0

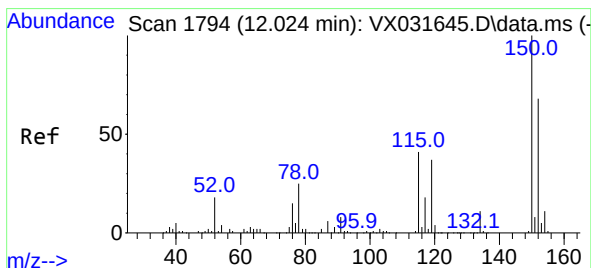
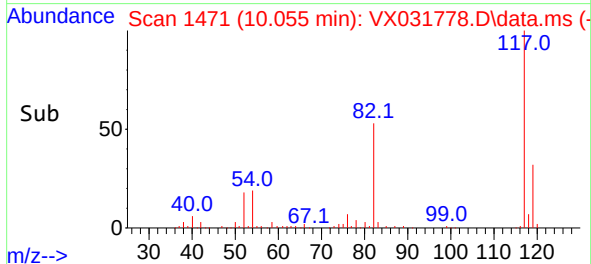
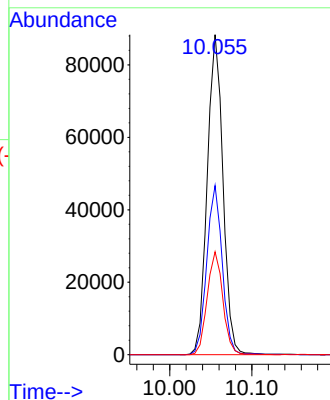
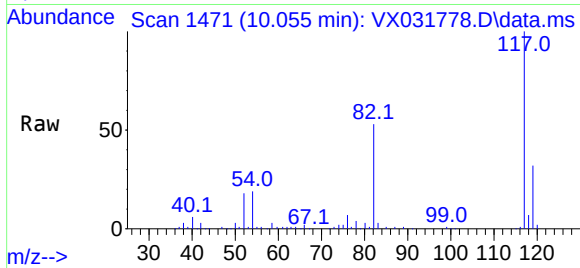




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031778.D
Acq: 29 Sep 2022 17:05

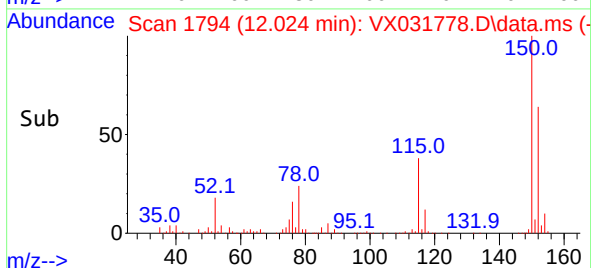
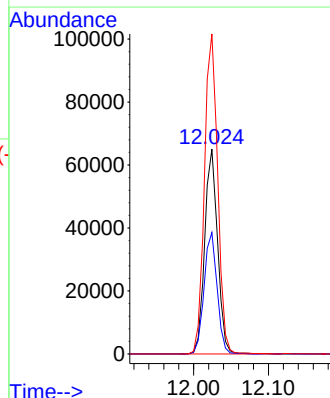
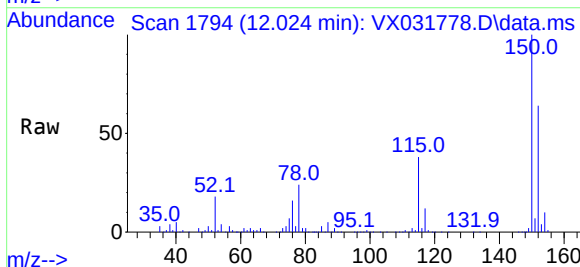
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-09-27

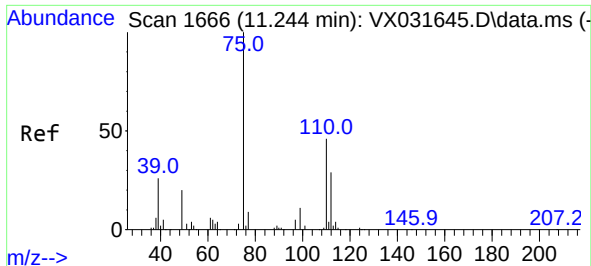
Tgt Ion:117 Resp: 117467
Ion Ratio Lower Upper
117 100
82 52.9 46.8 70.2
119 32.2 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031778.D
Acq: 29 Sep 2022 17:05

Tgt Ion:152 Resp: 77969
Ion Ratio Lower Upper
152 100
115 60.0 43.4 130.1
150 160.1 0.0 346.8

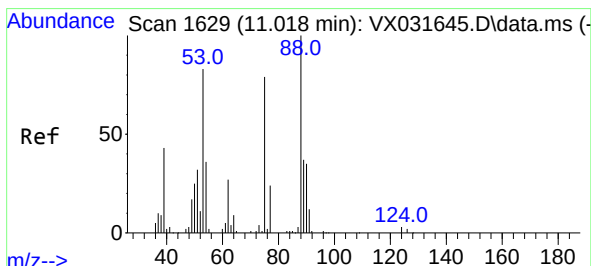
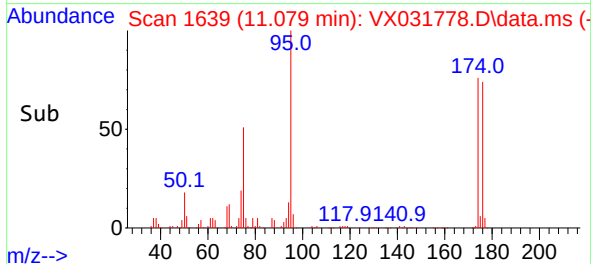
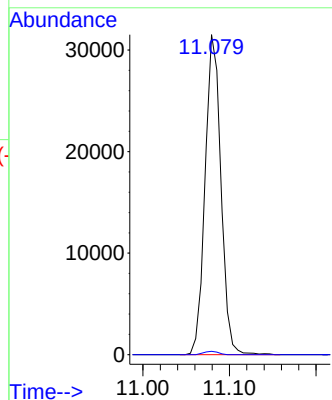
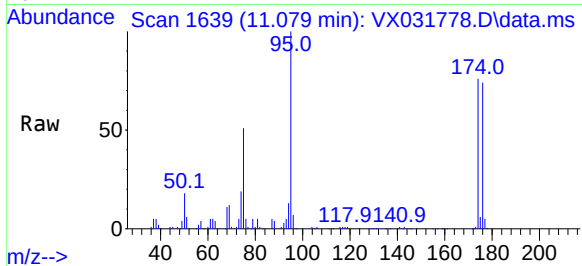




#76
1,2,3-Trichloropropane
Concen: 28.309 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031778.D
Acq: 29 Sep 2022 17:05

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-09-27

Tgt Ion: 75 Resp: 40014
Ion Ratio Lower Upper
75 100
77 1.0 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.480 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031778.D
Acq: 29 Sep 2022 17:05

Tgt Ion: 75 Resp: 40014
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

