

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092622\
 Data File : VX031665.D
 Acq On : 26 Sep 2022 22:29
 Operator : JC/MD
 Sample : VX0926WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBL02

Quant Time: Sep 27 01:56:43 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)

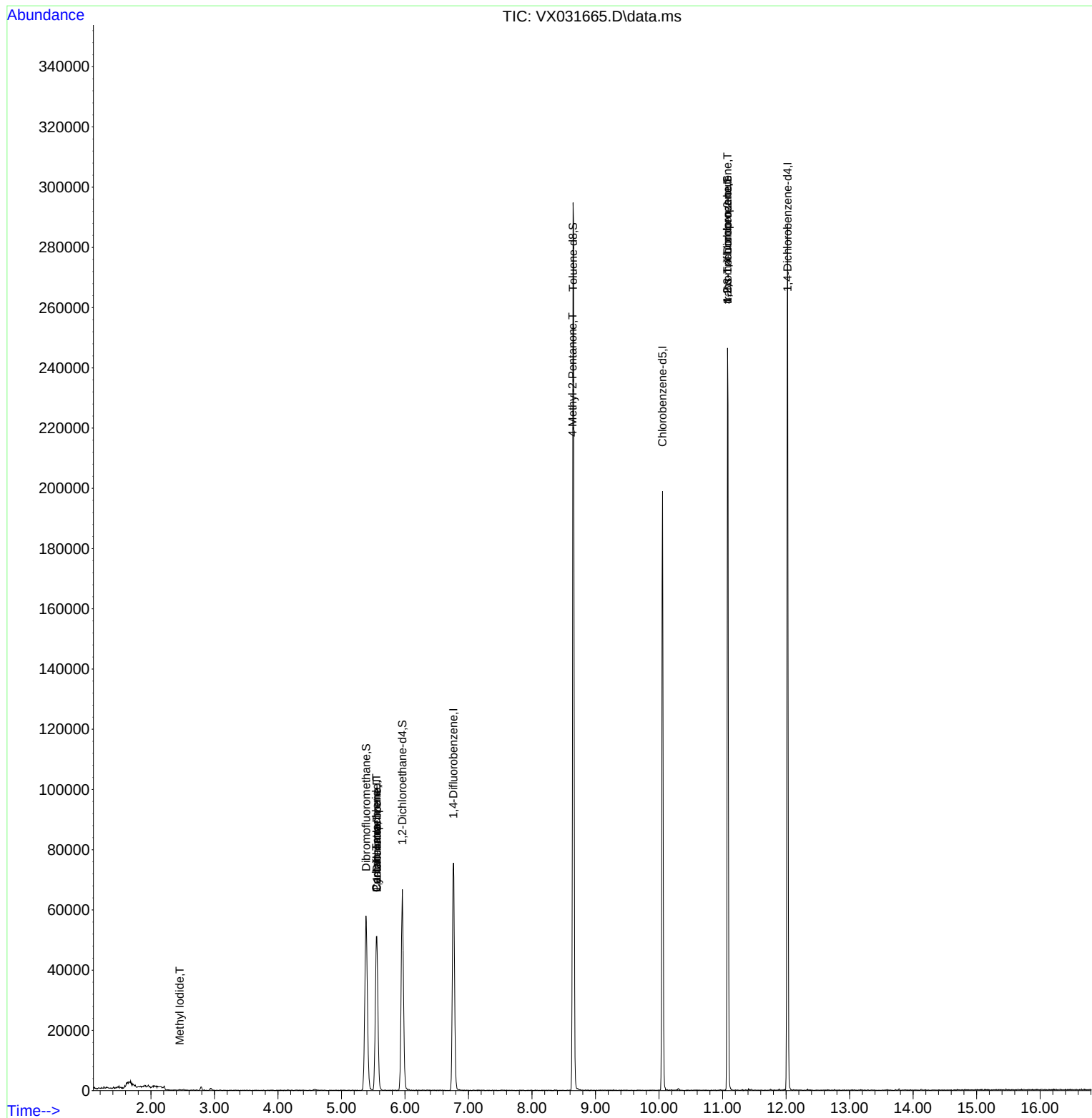
Internal Standards						
1) Pentafluorobenzene	5.556	168	50575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	77476	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	86852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	56202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57467	53.537	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.080%			
35) Dibromofluoromethane	5.385	113	47012	50.926	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.860%			
50) Toluene-d8	8.647	98	174774	52.222	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.440%			
62) 4-Bromofluorobenzene	11.079	95	55943	45.606	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.220%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.295	50	76	Below Cal	#	41
5) Bromomethane	1.612	94	457	Below Cal	#	77
6) Chloroethane	1.691	64	72	Below Cal	#	43
7) Trichlorofluoromethane	1.880	101	62	Below Cal	#	18
10) Methyl Iodide	2.453	142	259	0.393 ug/l	#	83
11) Tert butyl alcohol	2.953	59	405	Below Cal	#	73
16) Acetone	2.398	43	50	Below Cal	#	45
17) Carbon Disulfide	2.508	76	303	Below Cal	#	75
20) Methylene Chloride	2.782	84	472	Below Cal	#	80
31) Cyclohexane	5.556	56	1204	1.180 ug/l	#	32
36) 1,1-Dichloropropene	5.556	75	3724	3.513 ug/l	#	50
38) Carbon Tetrachloride	5.550	117	5370	4.495 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.641	43	834	0.783 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	32547	31.944 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	11.079	75	32547	105.092 ug/l	#	11

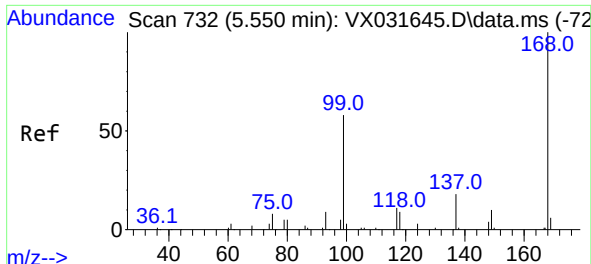
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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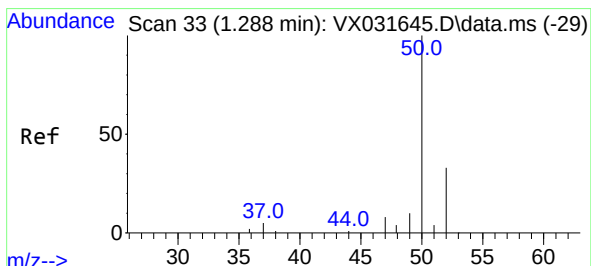
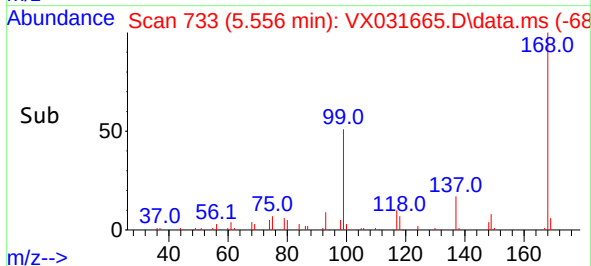
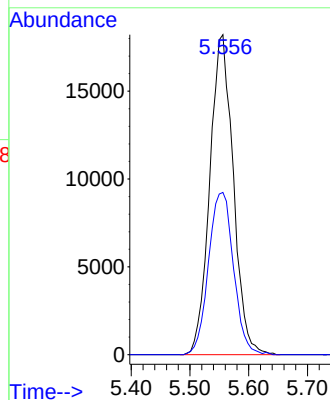
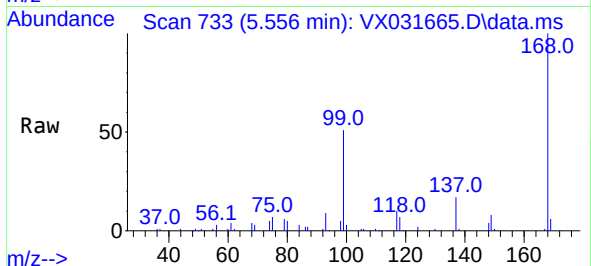




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031665.D
Acq: 26 Sep 2022 22:29

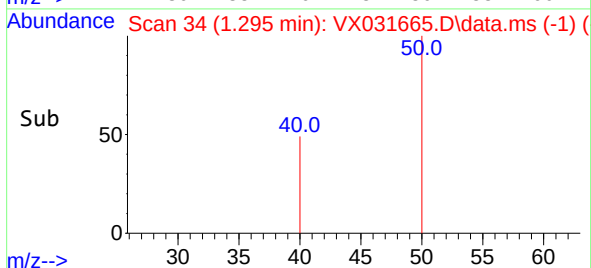
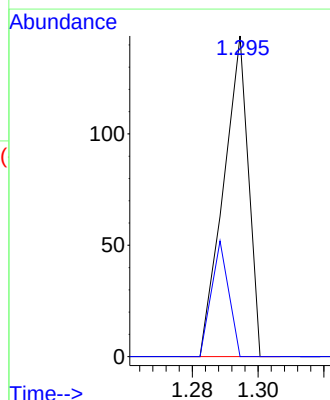
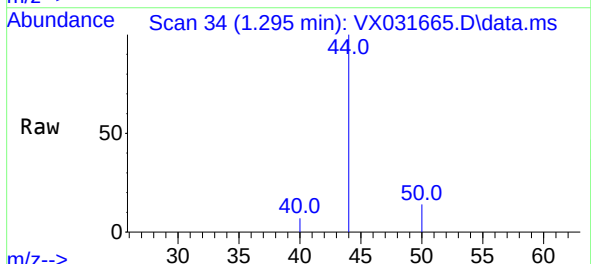
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL02

Tgt Ion:168 Resp: 50575
Ion Ratio Lower Upper
168 100
99 50.7 48.8 73.2

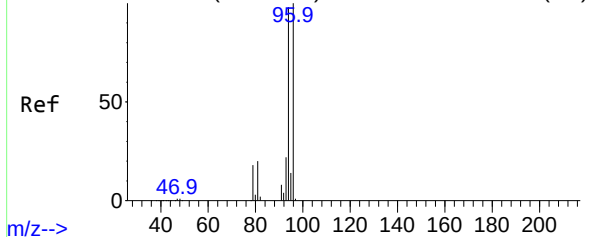


#3
Chloromethane
Concen: Below Cal
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031665.D
Acq: 26 Sep 2022 22:29

Tgt Ion: 50 Resp: 76
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



Abundance Scan 86 (1.611 min): VX031645.D\data.ms (-81)



#5

Bromomethane

Concen: Below Cal

RT: 1.612 min Scan# 80

Delta R.T. 0.001 min

Lab File: VX031665.D

Acq: 26 Sep 2022 22:29

Instrument :

MSVOA_X

ClientSampleId :

VX0926WBL02

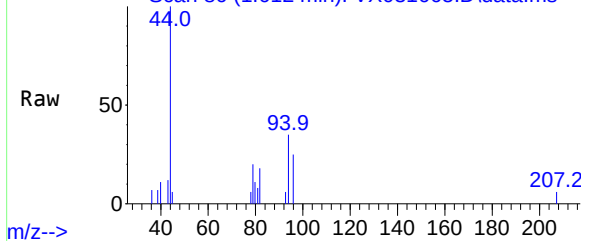
Tgt Ion: 94 Resp: 457

Ion Ratio Lower Upper

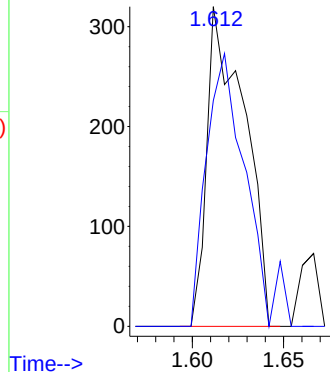
94 100

96 70.6 74.4 111.6#

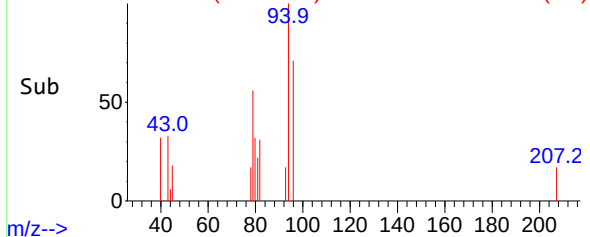
Abundance Scan 86 (1.612 min): VX031665.D\data.ms



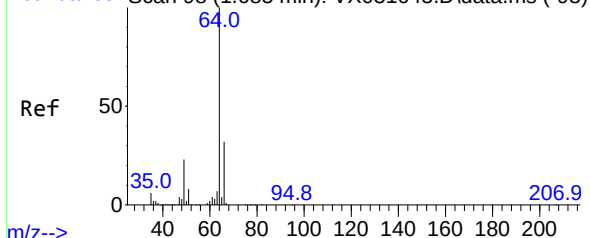
Abundance



Abundance Scan 86 (1.612 min): VX031665.D\data.ms (-37)



Abundance Scan 98 (1.685 min): VX031645.D\data.ms (-93)



#6

Chloroethane

Concen: Below Cal

RT: 1.691 min Scan# 99

Delta R.T. 0.006 min

Lab File: VX031665.D

Acq: 26 Sep 2022 22:29

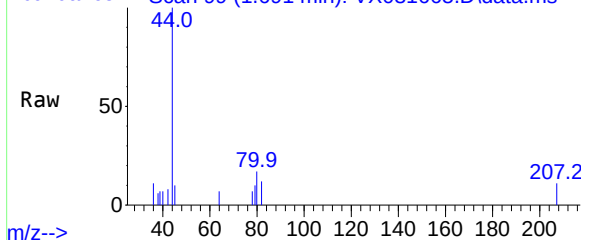
Tgt Ion: 64 Resp: 72

Ion Ratio Lower Upper

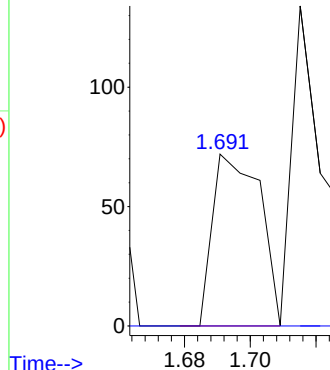
64 100

66 0.0 25.0 37.4#

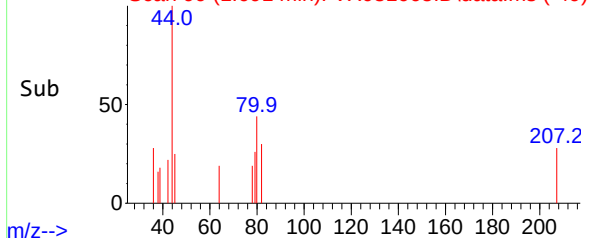
Abundance Scan 99 (1.691 min): VX031665.D\data.ms

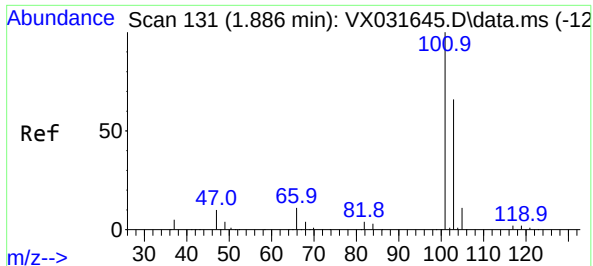


Abundance



Abundance Scan 99 (1.691 min): VX031665.D\data.ms (-49)

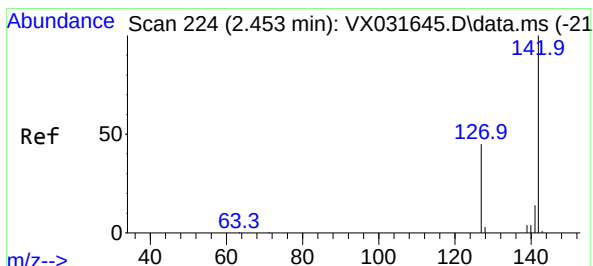
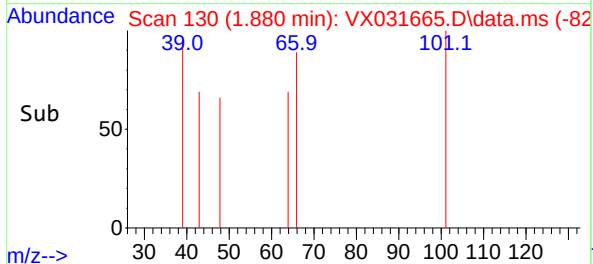
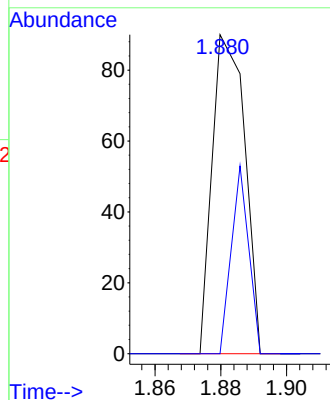
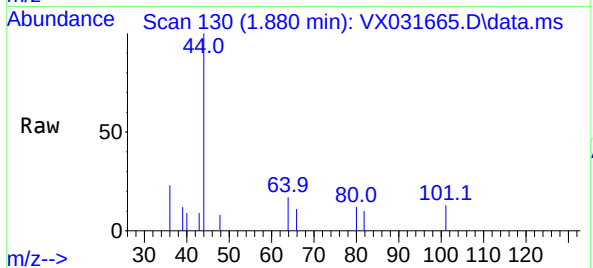




#7
 Trichlorofluoromethane
 Concen: Below Cal
 RT: 1.880 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX031665.D
 Acq: 26 Sep 2022 22:29

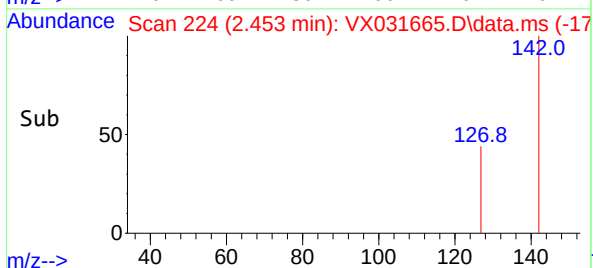
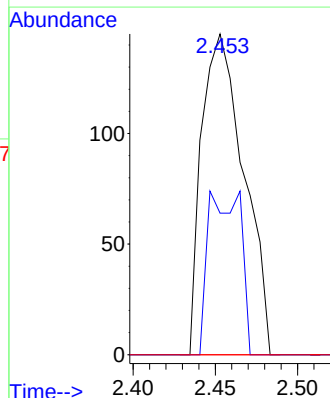
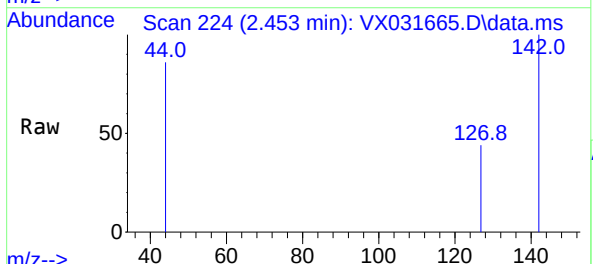
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBL02

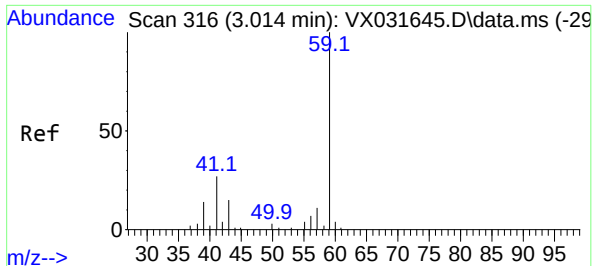
Tgt Ion:101 Resp: 62
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.8 77.6#



#10
 Methyl Iodide
 Concen: 0.393 ug/l
 RT: 2.453 min Scan# 224
 Delta R.T. -0.000 min
 Lab File: VX031665.D
 Acq: 26 Sep 2022 22:29

Tgt Ion:142 Resp: 259
 Ion Ratio Lower Upper
 142 100
 127 39.0 37.4 56.0
 141 0.0 11.6 17.4#

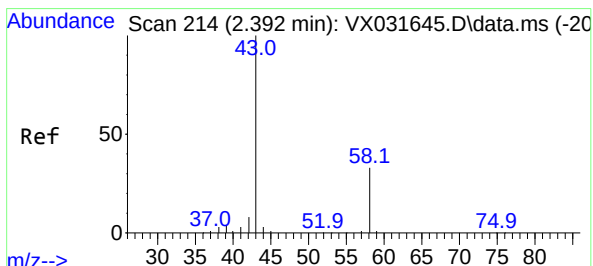
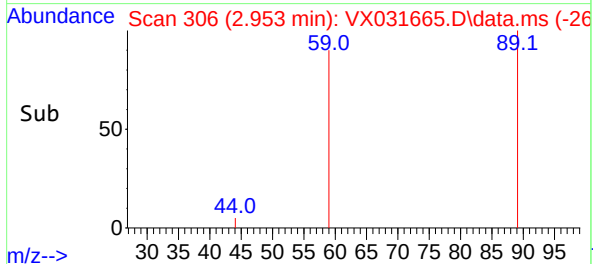
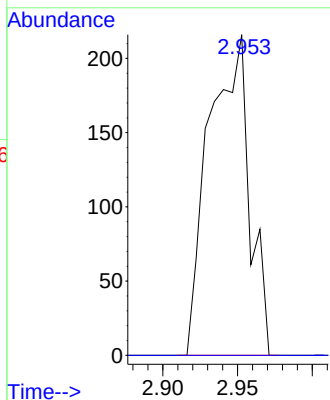
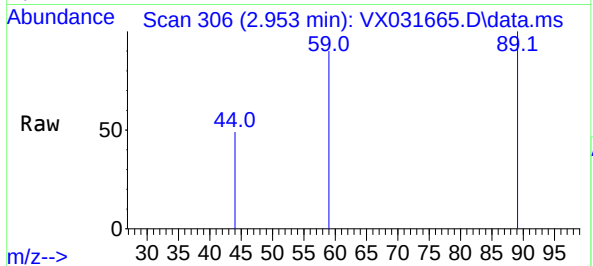




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 30
Delta R.T. -0.036 min
Lab File: VX031665.D
Acq: 26 Sep 2022 22:29

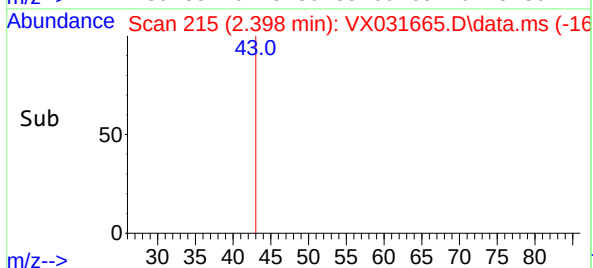
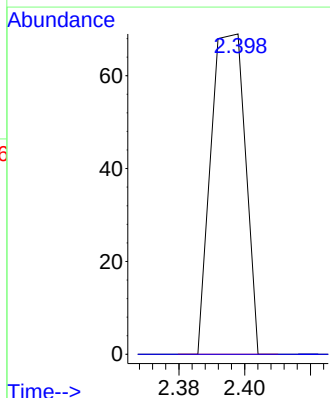
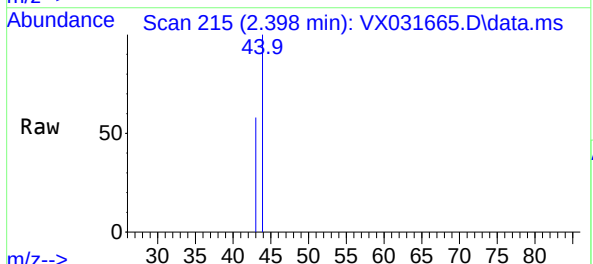
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL02

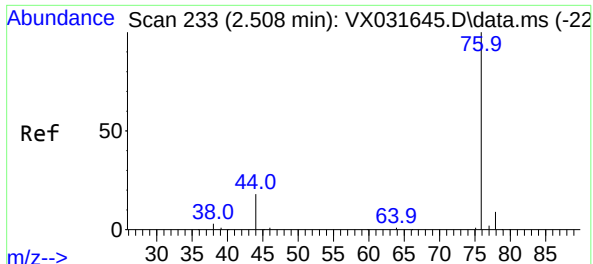
Tgt Ion: 59 Resp: 405
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 2.398 min Scan# 215
Delta R.T. 0.012 min
Lab File: VX031665.D
Acq: 26 Sep 2022 22:29

Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#

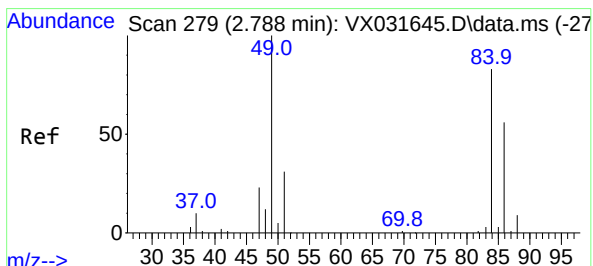
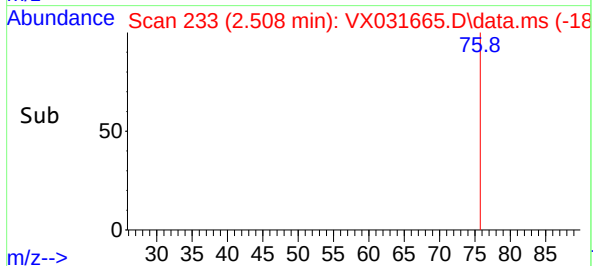
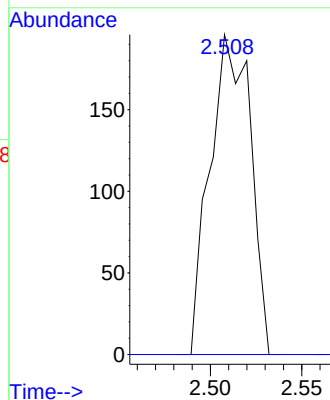
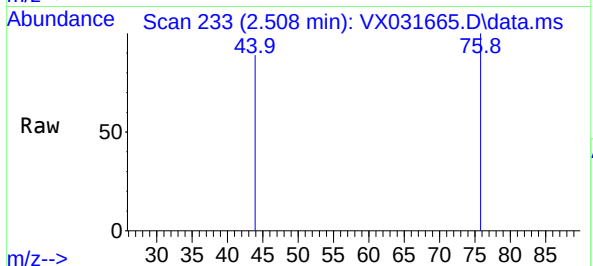




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031665.D
Acq: 26 Sep 2022 22:29

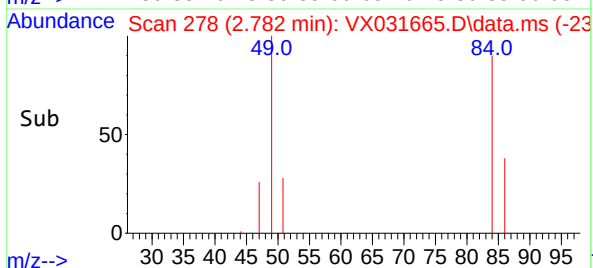
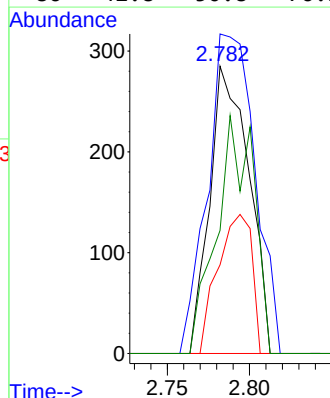
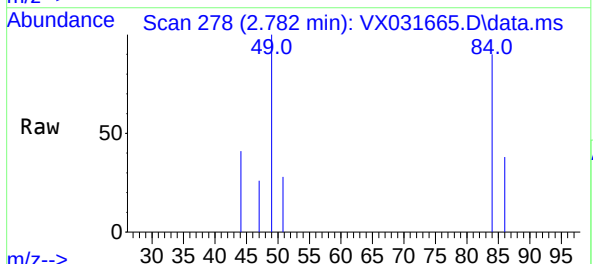
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL02

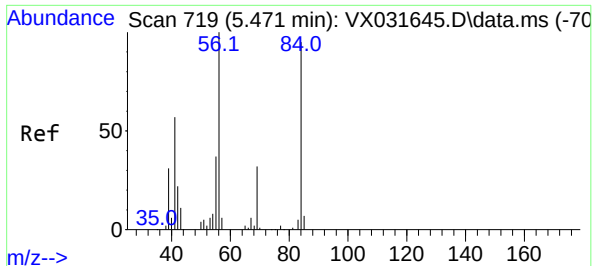
Tgt Ion: 76 Resp: 303
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX031665.D
Acq: 26 Sep 2022 22:29

Tgt Ion: 84 Resp: 472
Ion Ratio Lower Upper
84 100
49 111.2 105.9 158.9
51 30.9 32.2 48.2#
86 42.8 50.8 76.2#

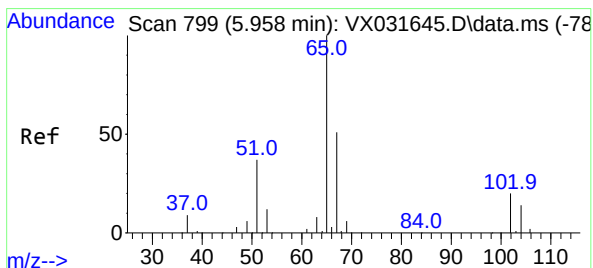
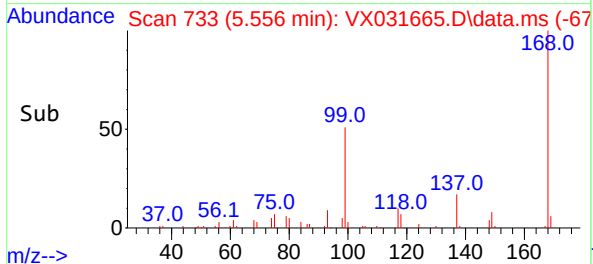
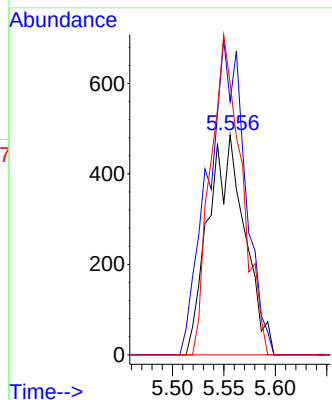
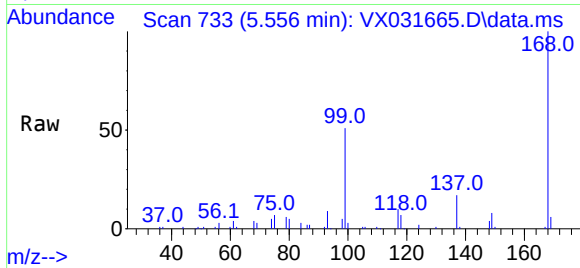




#31
Cyclohexane
Concen: 1.180 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX031665.D
Acq: 26 Sep 2022 22:29

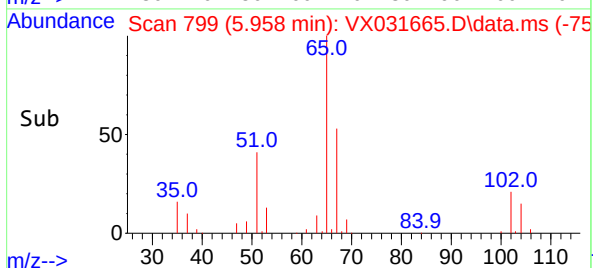
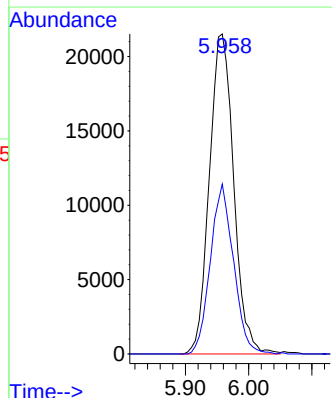
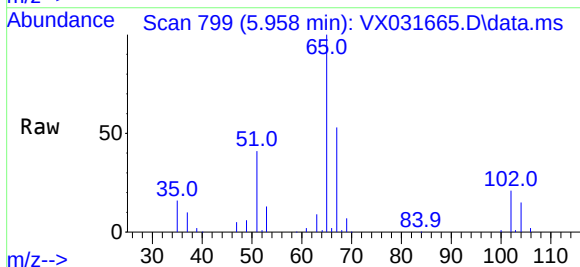
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL02

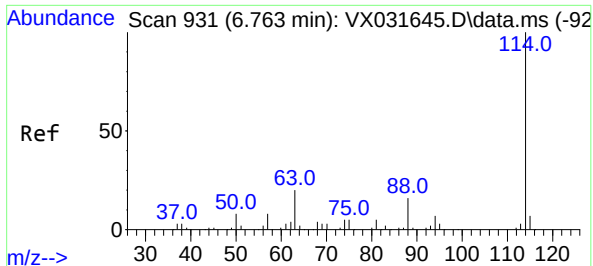
Tgt Ion: 56 Resp: 1204
Ion Ratio Lower Upper
56 100
69 115.2 25.1 37.7#
84 123.7 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 53.537 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031665.D
Acq: 26 Sep 2022 22:29

Tgt Ion: 65 Resp: 57467
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.4

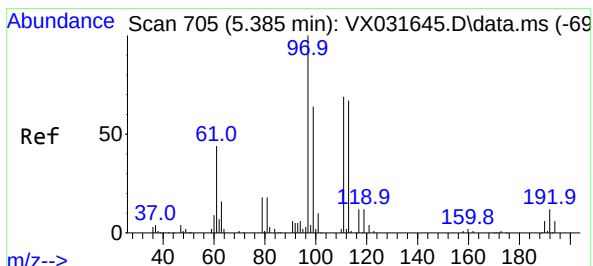
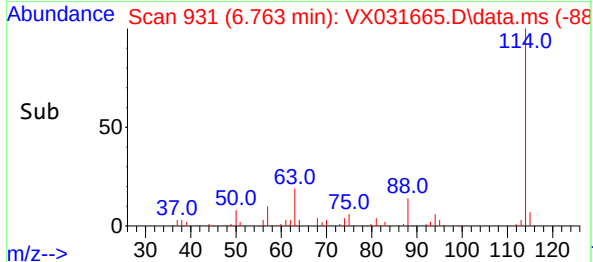
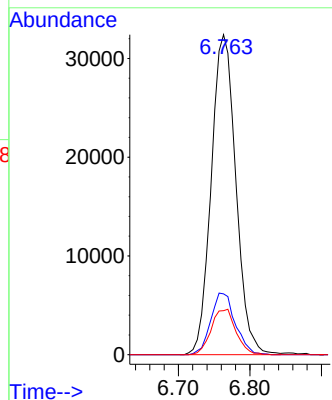
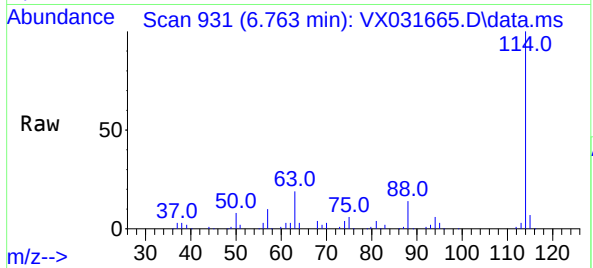




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031665.D
Acq: 26 Sep 2022 22:29

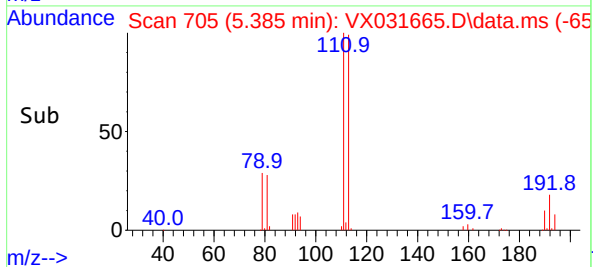
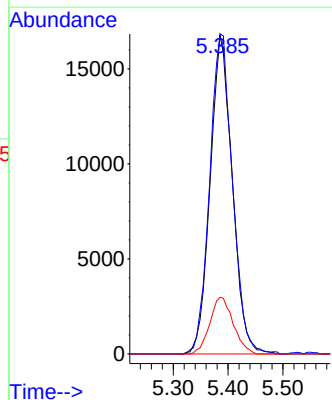
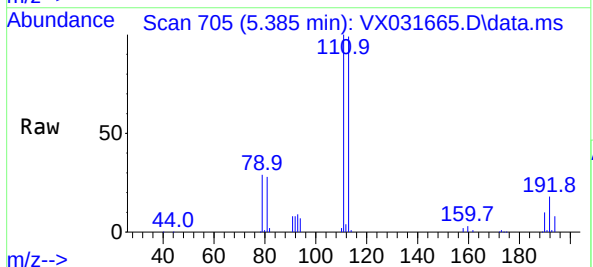
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL02

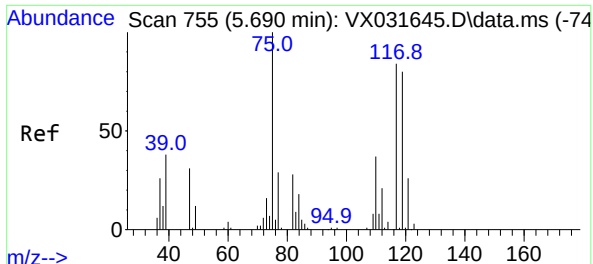
Tgt Ion:114 Resp: 77476
Ion Ratio Lower Upper
114 100
63 19.0 0.0 42.6
88 13.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.926 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031665.D
Acq: 26 Sep 2022 22:29

Tgt Ion:113 Resp: 47012
Ion Ratio Lower Upper
113 100
111 103.3 82.4 123.6
192 18.8 14.1 21.1

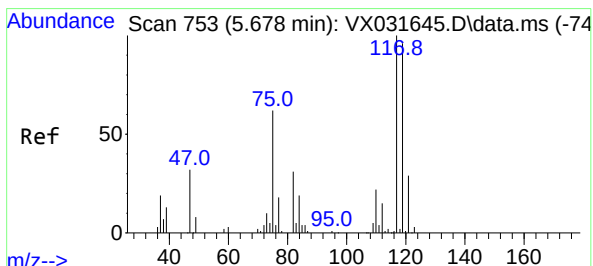
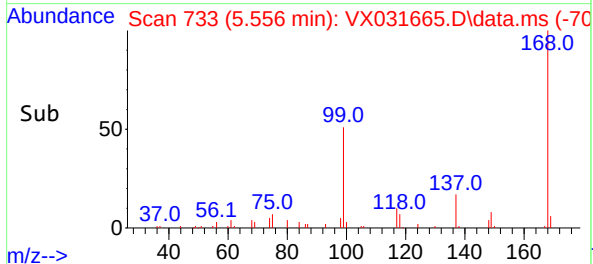
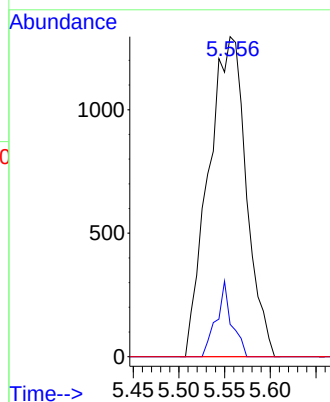
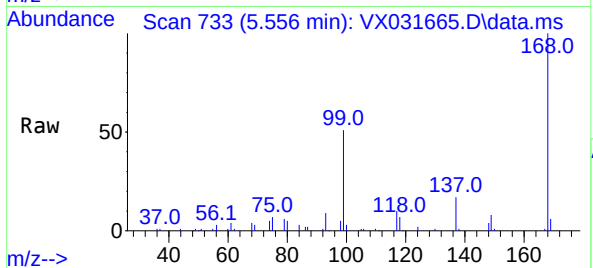




#36
1,1-Dichloropropene
Concen: 3.513 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031665.D
Acq: 26 Sep 2022 22:29

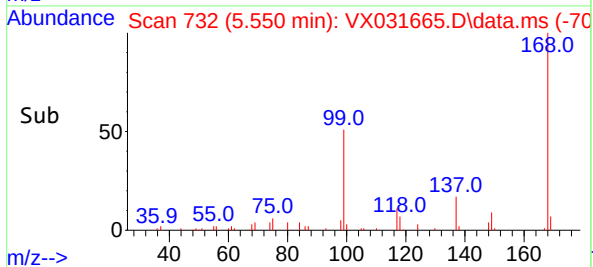
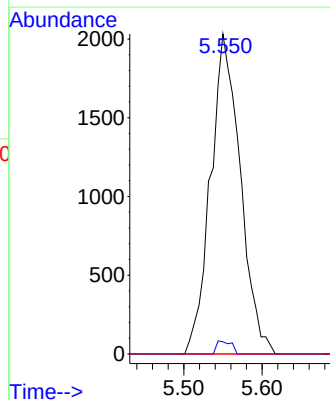
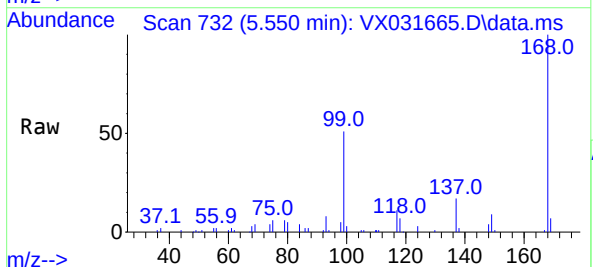
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL02

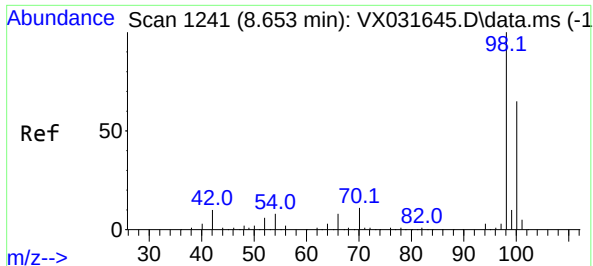
Tgt Ion: 75 Resp: 3724
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 4.495 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX031665.D
Acq: 26 Sep 2022 22:29

Tgt Ion: 117 Resp: 5370
Ion Ratio Lower Upper
117 100
119 3.8 74.6 112.0#
121 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 52.222 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX031665.D

Acq: 26 Sep 2022 22:29

Instrument :

MSVOA_X

ClientSampleId :

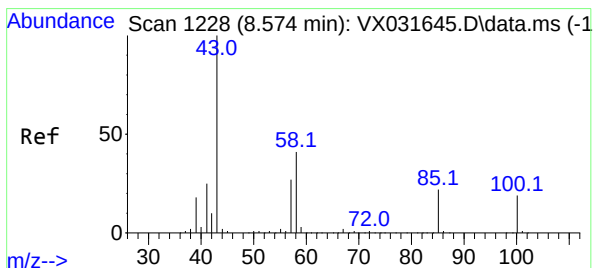
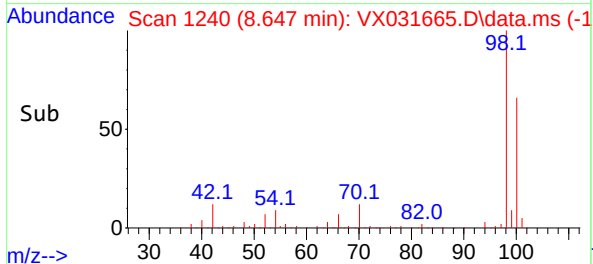
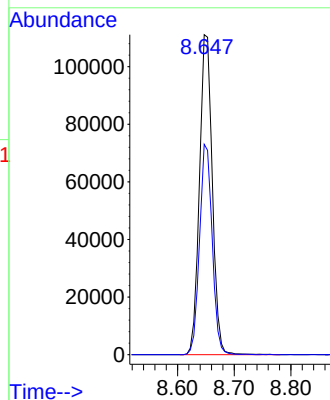
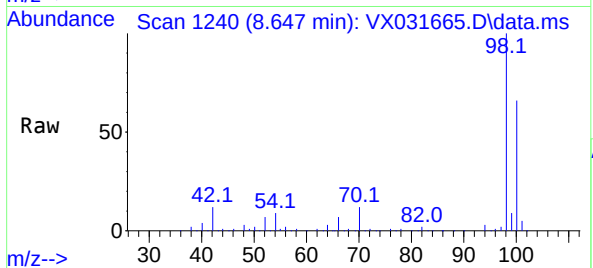
VX0926WBL02

Tgt Ion: 98 Resp: 174774

Ion Ratio Lower Upper

98 100

100 64.6 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.783 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.061 min

Lab File: VX031665.D

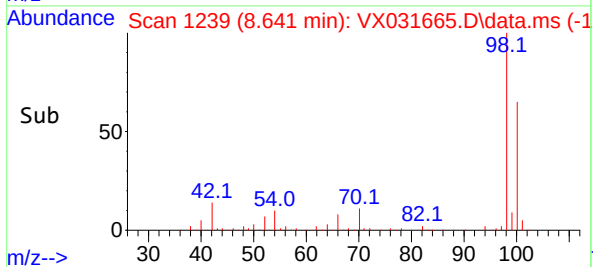
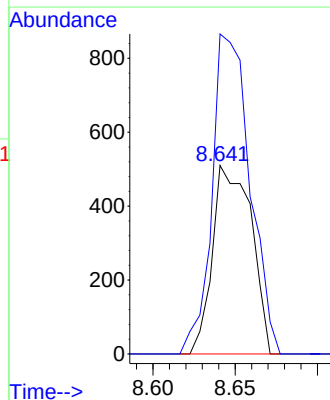
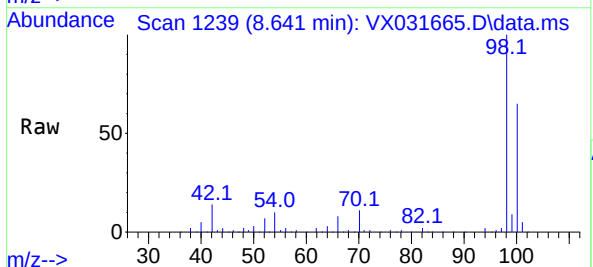
Acq: 26 Sep 2022 22:29

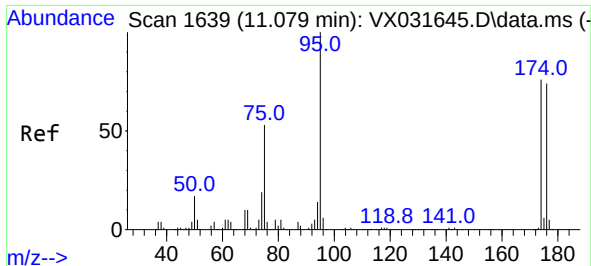
Tgt Ion: 43 Resp: 834

Ion Ratio Lower Upper

43 100

58 166.4 30.6 46.0#

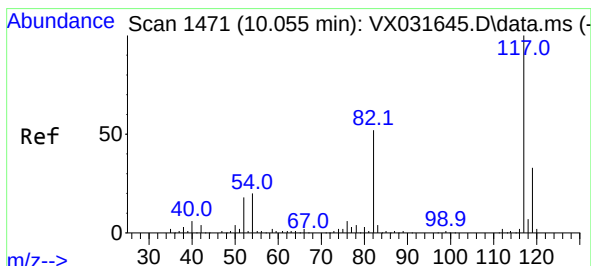
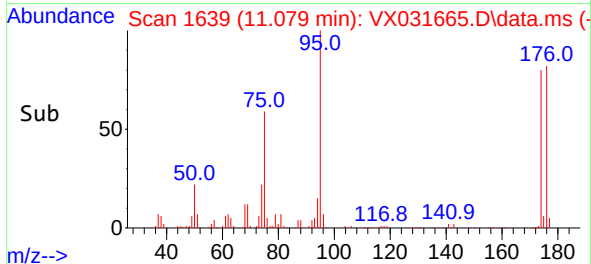
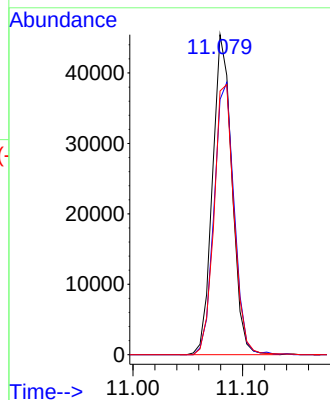
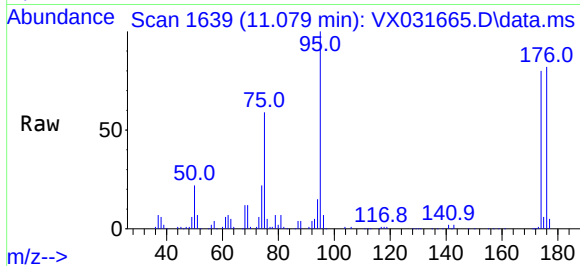




#62
4-Bromofluorobenzene
Concen: 45.606 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031665.D
Acq: 26 Sep 2022 22:29

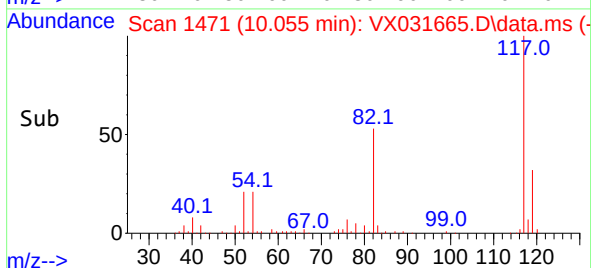
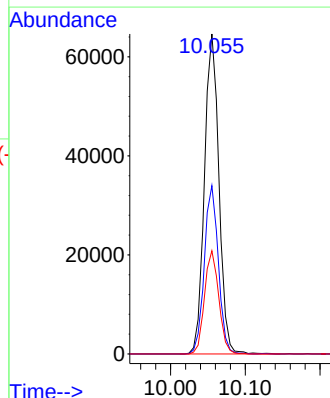
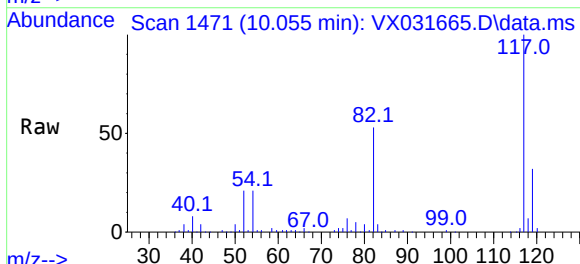
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL02

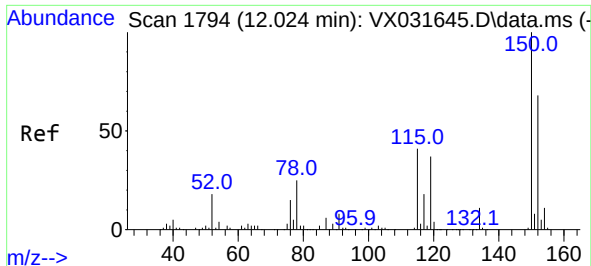
Tgt Ion: 95 Resp: 55943
Ion Ratio Lower Upper
95 100
174 88.1 0.0 153.2
176 86.6 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031665.D
Acq: 26 Sep 2022 22:29

Tgt Ion: 117 Resp: 86852
Ion Ratio Lower Upper
117 100
82 52.6 46.8 70.2
119 32.3 26.4 39.6

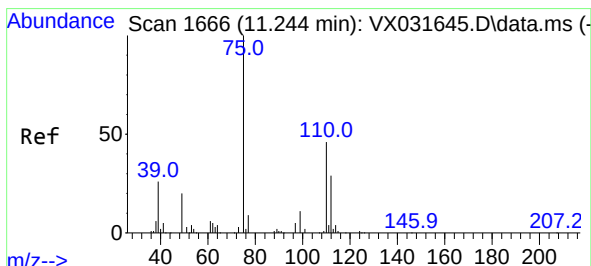
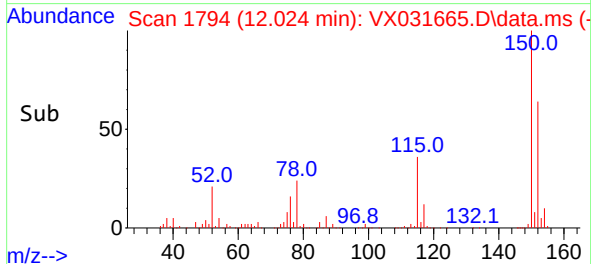
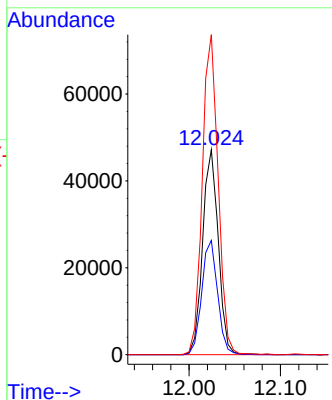
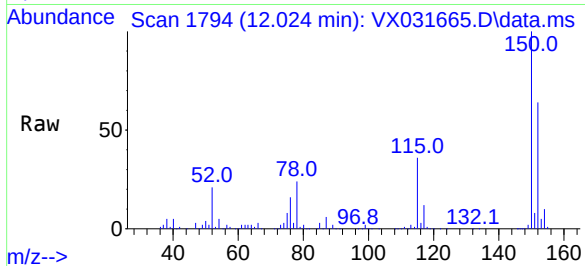




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031665.D
Acq: 26 Sep 2022 22:29

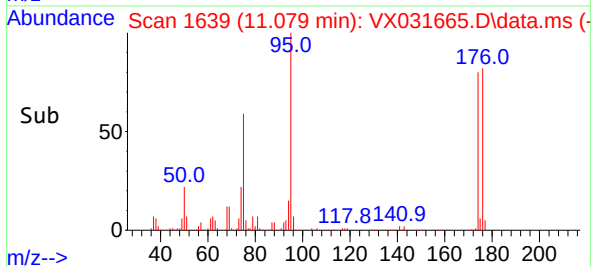
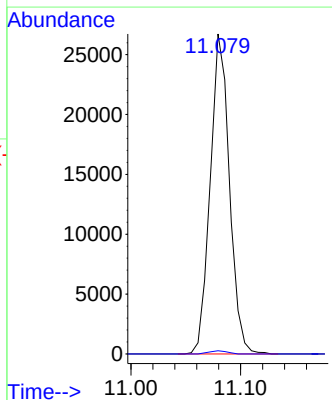
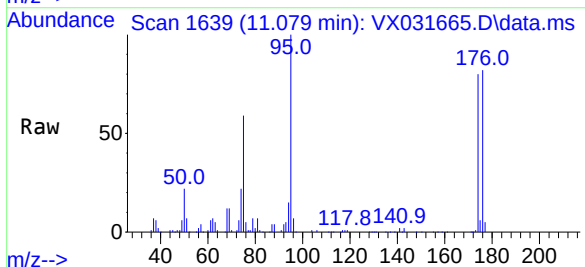
Instrument :
MSVOA_X
ClientSampleId :
VX0926WBL02

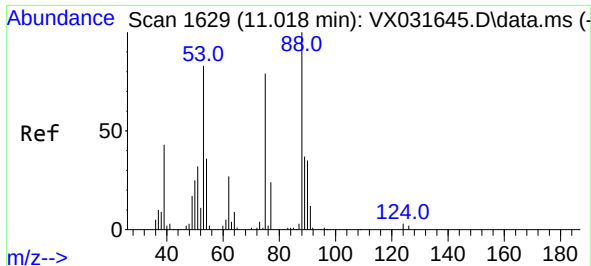
Tgt Ion:152 Resp: 56202
Ion Ratio Lower Upper
152 100
115 56.5 43.4 130.1
150 158.1 0.0 346.8



#76
1,2,3-Trichloropropane
Concen: 31.944 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031665.D
Acq: 26 Sep 2022 22:29

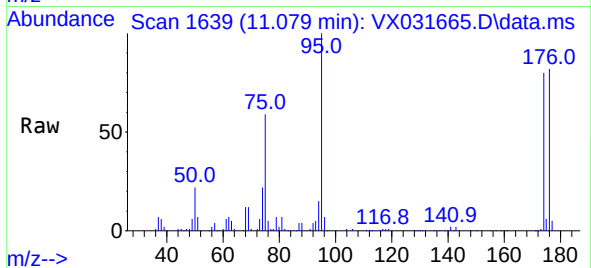
Tgt Ion: 75 Resp: 32547
Ion Ratio Lower Upper
75 100
77 0.9 20.3 60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 105.092 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031665.D
 Acq: 26 Sep 2022 22:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0926WBL02



Tgt Ion: 75 Resp: 32547
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

