

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031764.D
 Acq On : 29 Sep 2022 11:24
 Operator : JC/MD
 Sample : VX0929WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0929WBL01

Quant Time: Sep 30 04:28:30 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)

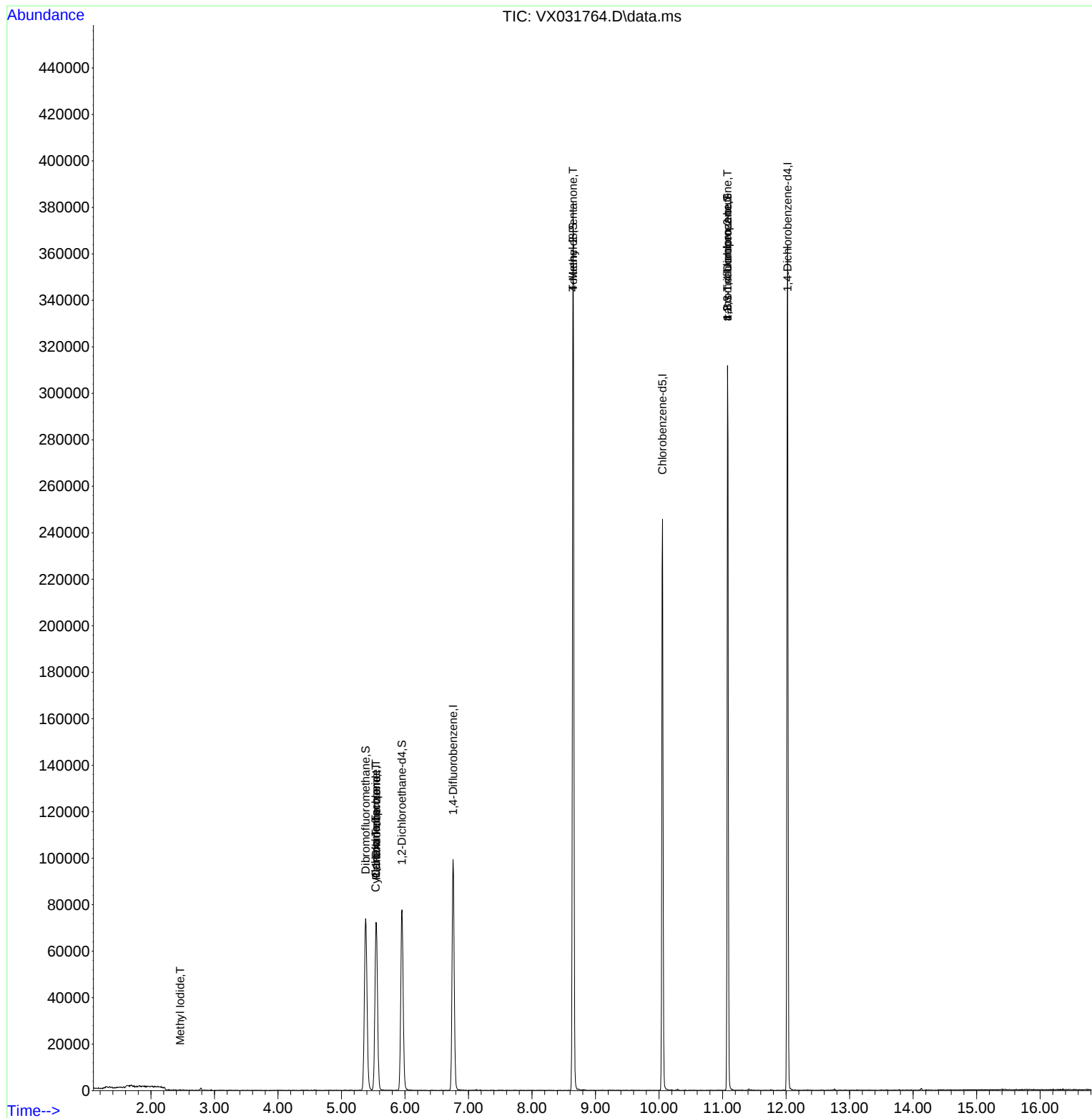
Internal Standards						
1) Pentafluorobenzene	5.550	168	69573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	105669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74847	50.688	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.380%			
35) Dibromofluoromethane	5.379	113	63784	50.660	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.320%			
50) Toluene-d8	8.647	98	220938	48.402	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.800%			
62) 4-Bromofluorobenzene	11.079	95	79345	47.426	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.860%			
Target Compounds						Qvalue
3) Chloromethane	1.288	50	59	Below Cal	#	41
5) Bromomethane	1.630	94	333	Below Cal		82
6) Chloroethane	1.666	64	64	Below Cal	#	43
10) Methyl Iodide	2.459	142	202	0.223	ug/l #	50
12) 1,1-Dichloroethene	2.386	96	44	Below Cal	#	1
16) Acetone	2.386	43	120	Below Cal	#	45
17) Carbon Disulfide	2.508	76	136	Below Cal	#	75
20) Methylene Chloride	2.788	84	537	Below Cal	#	87
31) Cyclohexane	5.538	56	1367	0.974	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	5531	3.825	ug/l #	49
38) Carbon Tetrachloride	5.544	117	7378	4.528	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	760	0.523	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	42007	30.662	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	42007	100.996	ug/l #	11

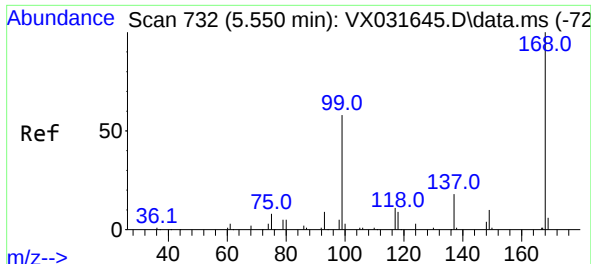
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Sep 30 04:28:30 2022
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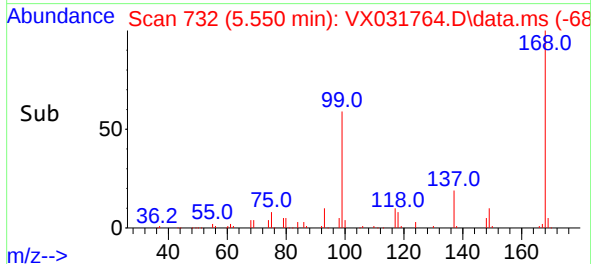
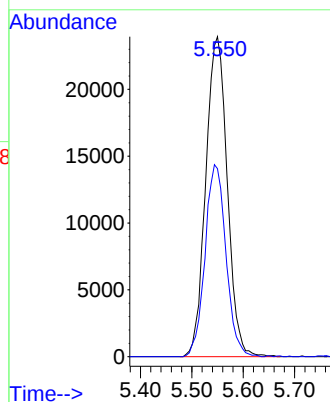
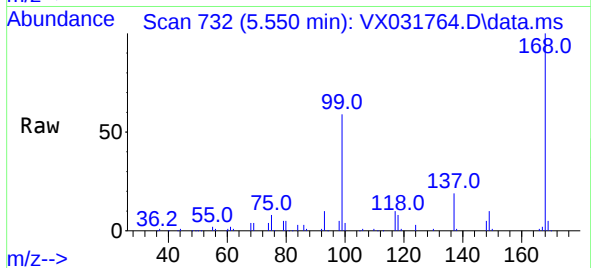




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

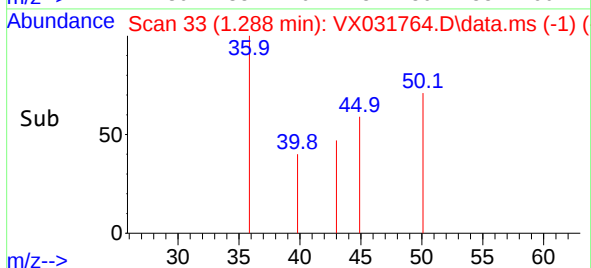
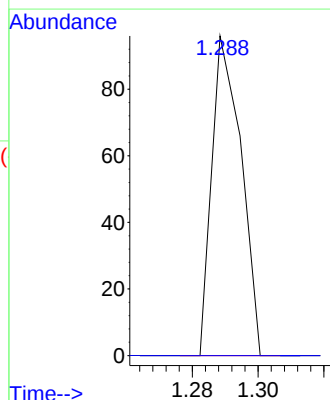
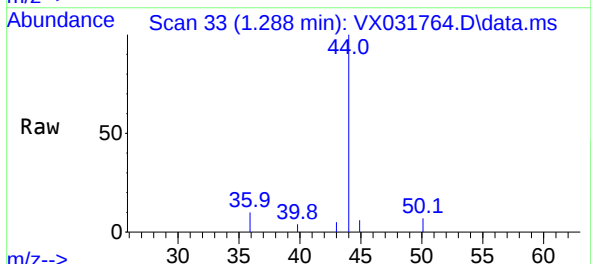
Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL01

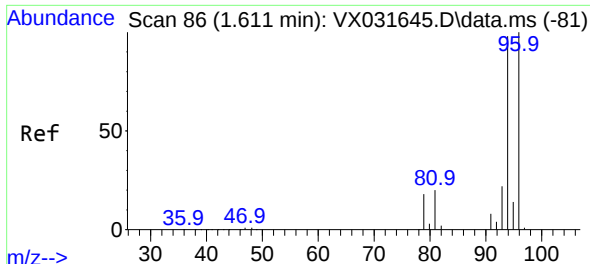
Tgt Ion:168 Resp: 69573
Ion Ratio Lower Upper
168 100
99 58.7 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

Tgt Ion: 50 Resp: 59
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

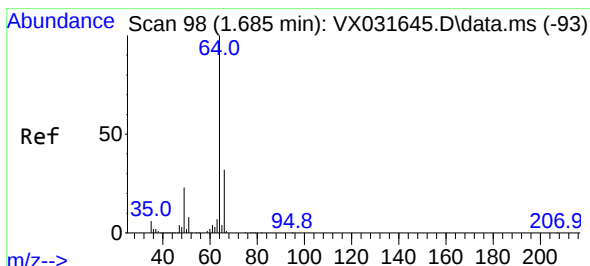
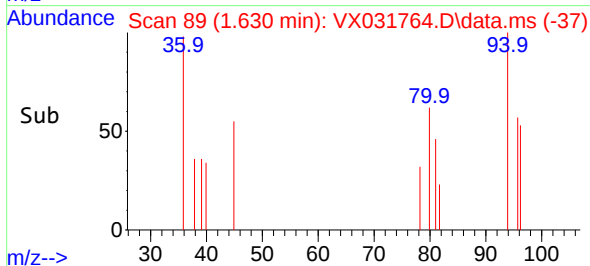
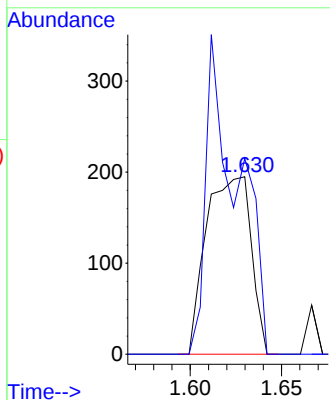
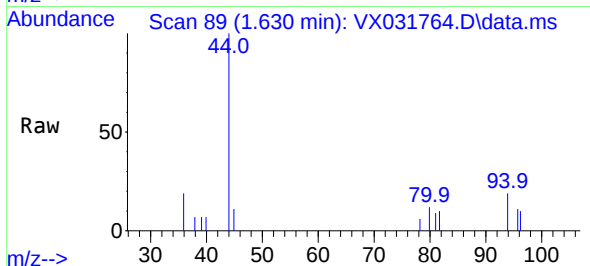




#5
Bromomethane
Concen: Below Cal
RT: 1.630 min Scan# 89
Delta R.T. 0.019 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

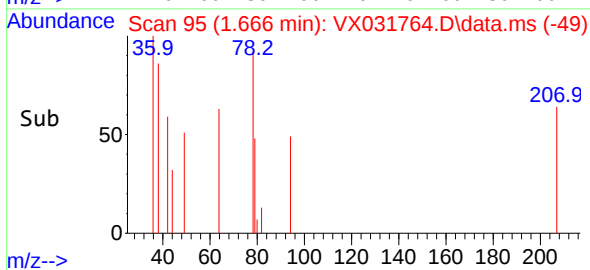
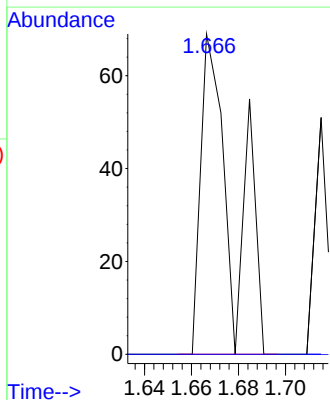
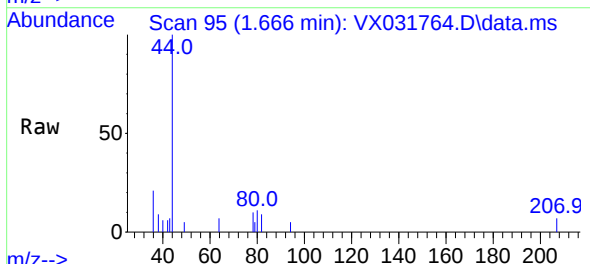
Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL01

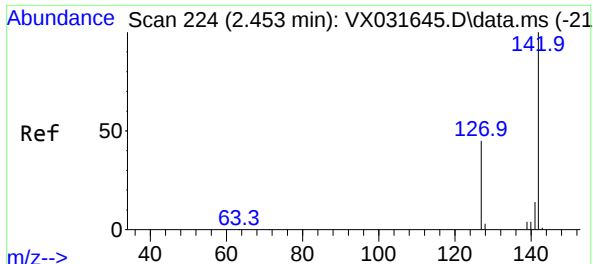
Tgt Ion: 94 Resp: 333
Ion Ratio Lower Upper
94 100
96 110.3 74.4 111.6



#6
Chloroethane
Concen: Below Cal
RT: 1.666 min Scan# 95
Delta R.T. -0.019 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

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

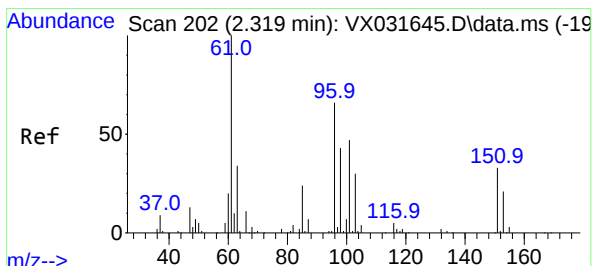
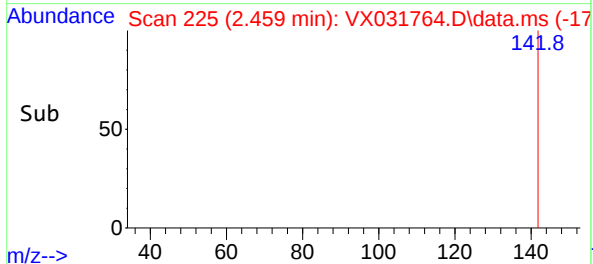
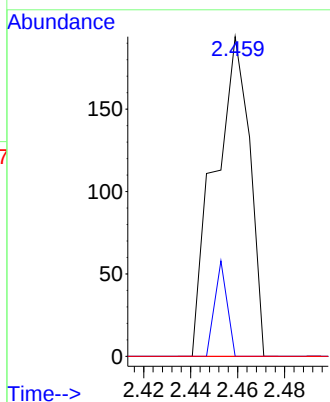
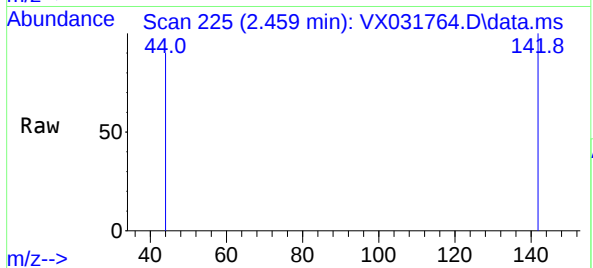




#10
Methyl Iodide
Concen: 0.223 ug/l
RT: 2.459 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

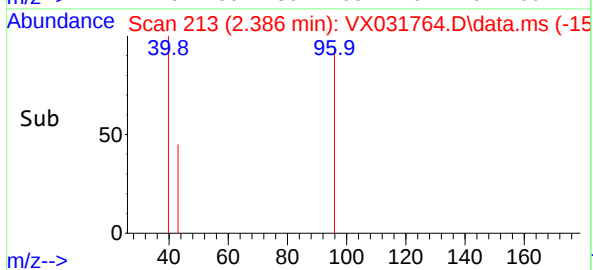
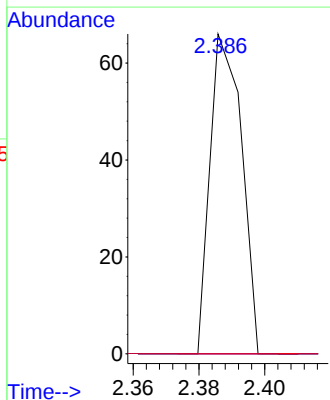
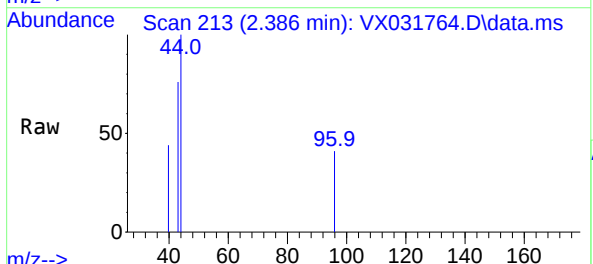
Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL01

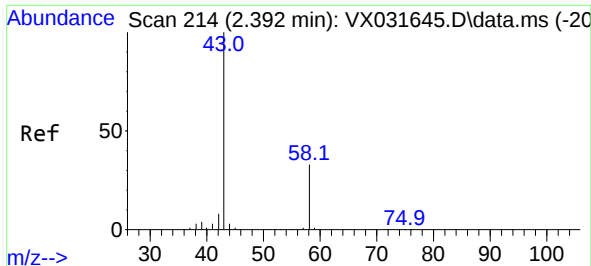
Tgt Ion:142 Resp: 202
Ion Ratio Lower Upper
142 100
127 10.4 37.4 56.0#
141 0.0 11.6 17.4#



#12
1,1-Dichloroethene
Concen: Below Cal
RT: 2.386 min Scan# 213
Delta R.T. 0.067 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

Tgt Ion: 96 Resp: 44
Ion Ratio Lower Upper
96 100
61 0.0 135.3 202.9#
98 0.0 49.4 74.2#

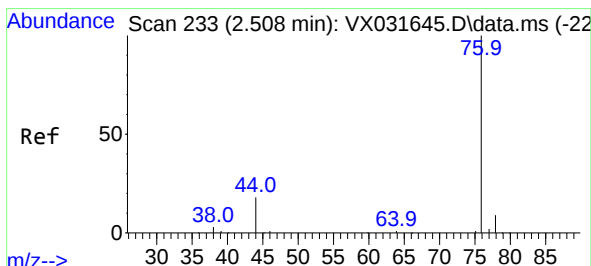
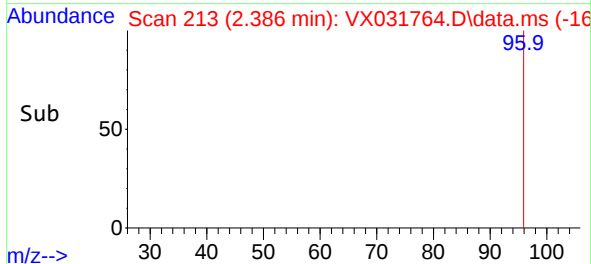
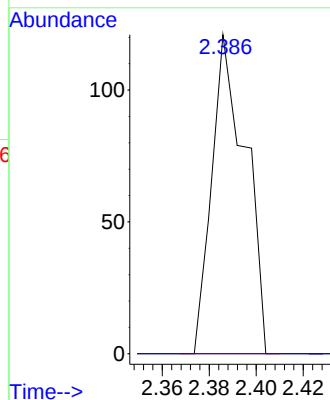
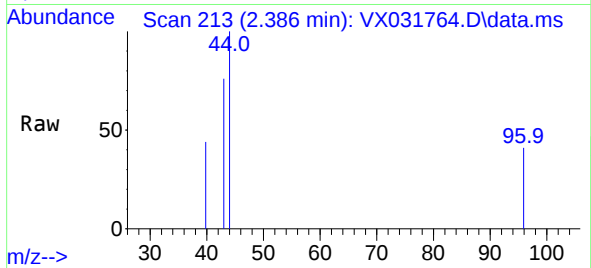




#16
Acetone
Concen: Below Cal
RT: 2.386 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

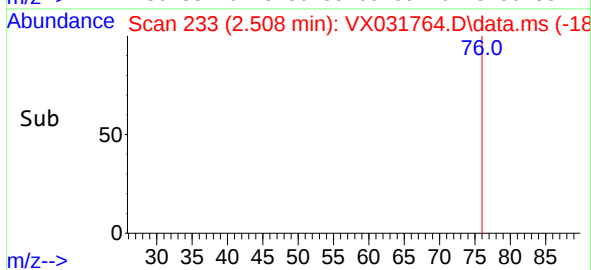
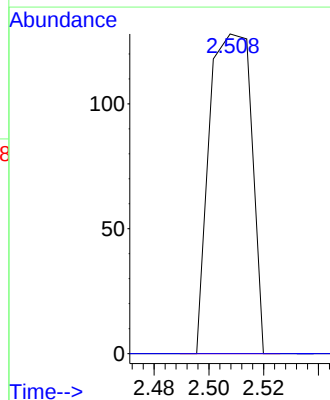
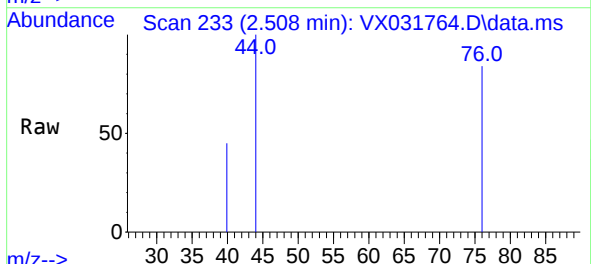
Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL01

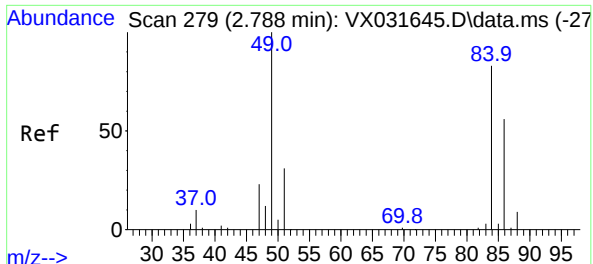
Tgt Ion: 43 Resp: 120
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

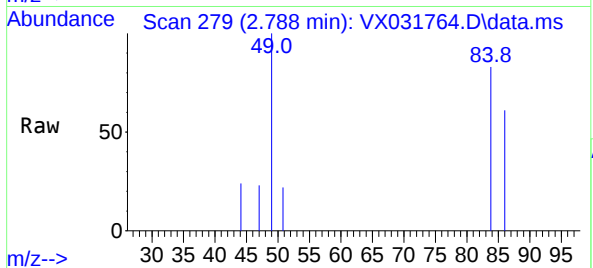
Tgt Ion: 76 Resp: 136
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





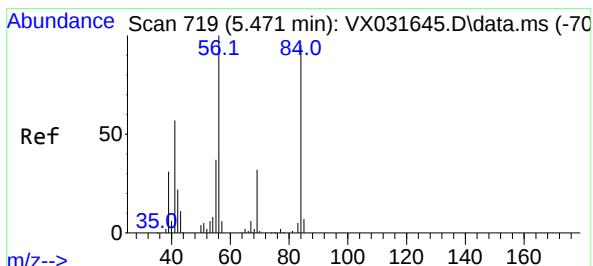
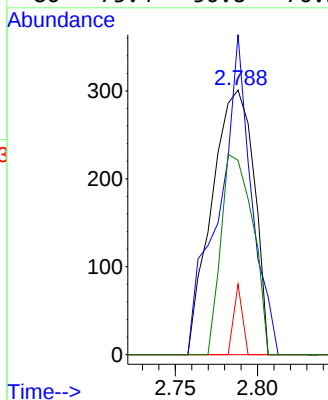
#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL01



Tgt Ion: 84 Resp: 537

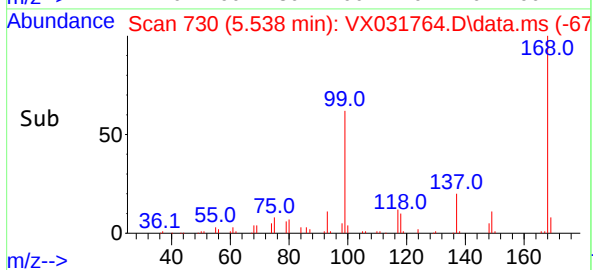
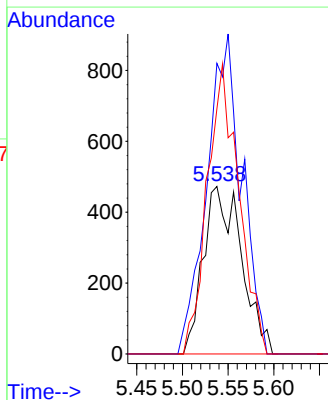
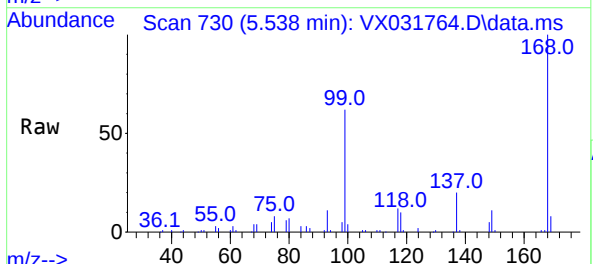
Ion	Ratio	Lower	Upper
84	100		
49	120.9	105.9	158.9
51	26.6	32.2	48.2#
86	73.4	50.8	76.2

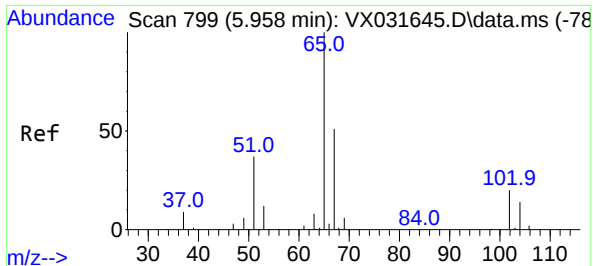


#31
Cyclohexane
Concen: 0.974 ug/l
RT: 5.538 min Scan# 730
Delta R.T. 0.067 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

Tgt Ion: 56 Resp: 1367

Ion	Ratio	Lower	Upper
56	100		
69	173.4	25.1	37.7#
84	146.3	70.2	105.4#





#33

1,2-Dichloroethane-d4

Concen: 50.688 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX031764.D

Acq: 29 Sep 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

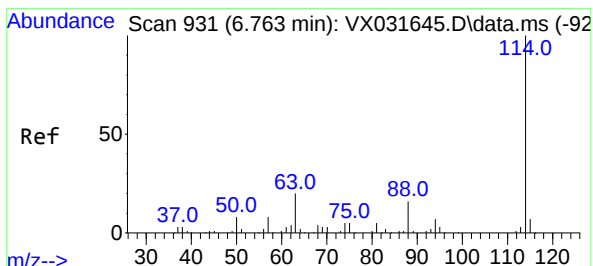
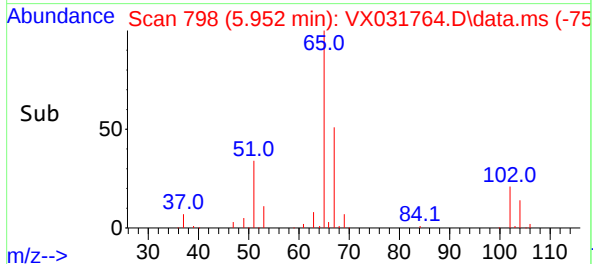
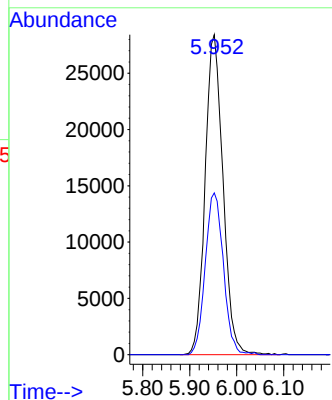
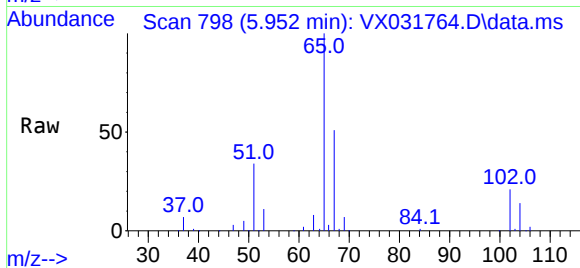
VX0929WBL01

Tgt Ion: 65 Resp: 74847

Ion Ratio Lower Upper

65 100

67 51.5 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX031764.D

Acq: 29 Sep 2022 11:24

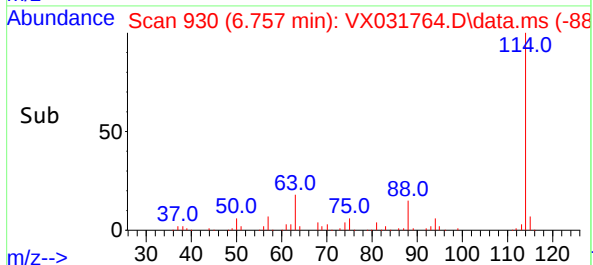
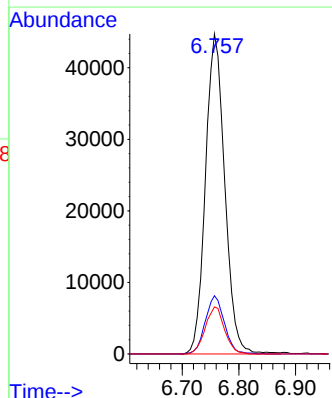
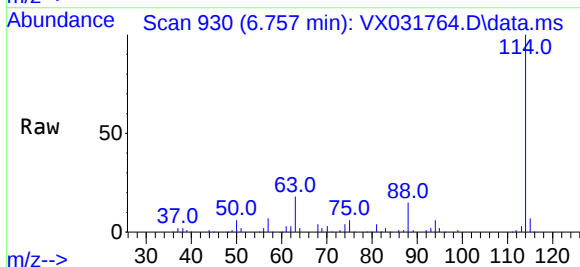
Tgt Ion: 114 Resp: 105669

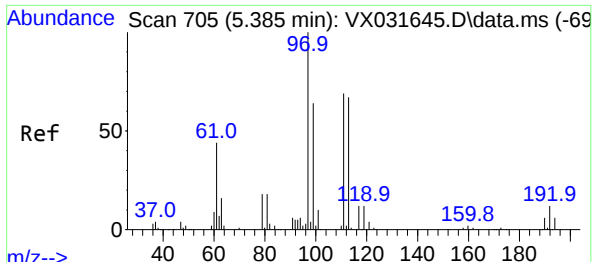
Ion Ratio Lower Upper

114 100

63 18.2 0.0 42.6

88 14.7 0.0 33.0

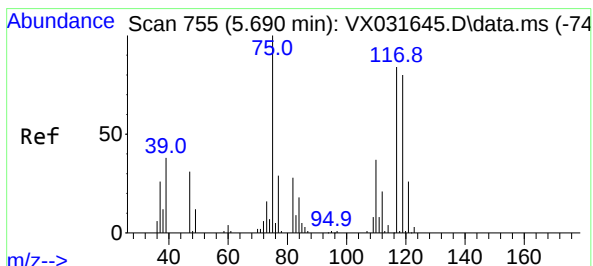
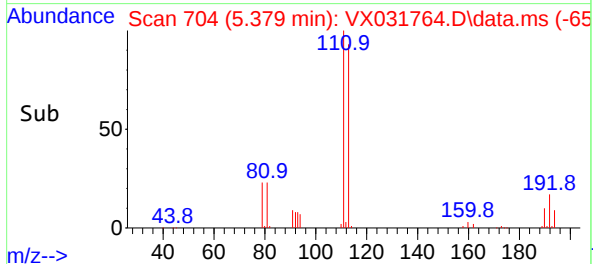
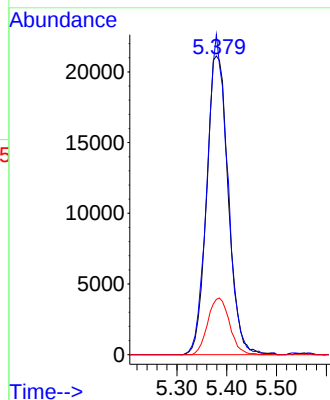
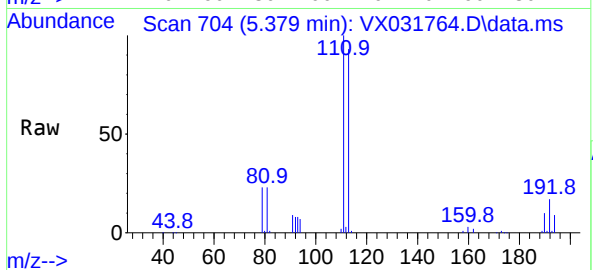




#35
Dibromofluoromethane
Concen: 50.660 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

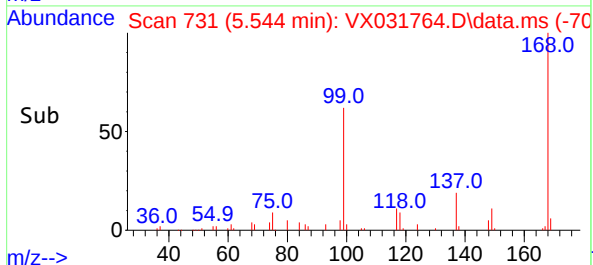
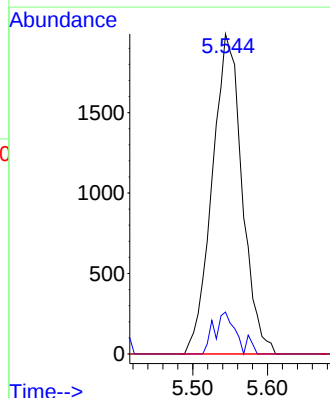
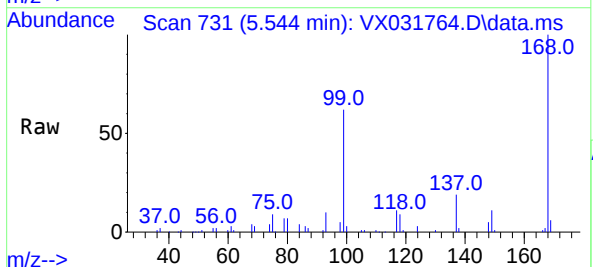
Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL01

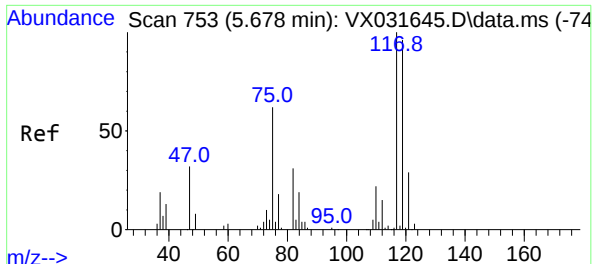
Tgt Ion:113 Resp: 63784
Ion Ratio Lower Upper
113 100
111 101.5 82.4 123.6
192 19.0 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.825 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

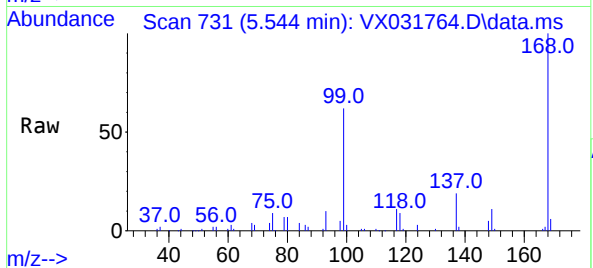
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Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 24.9 37.3#



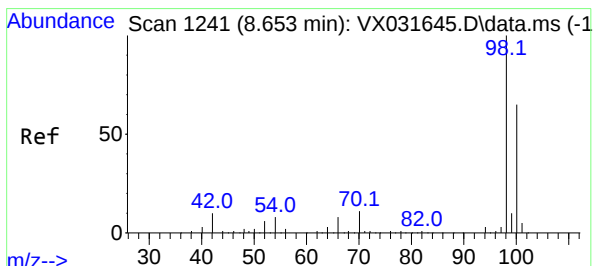
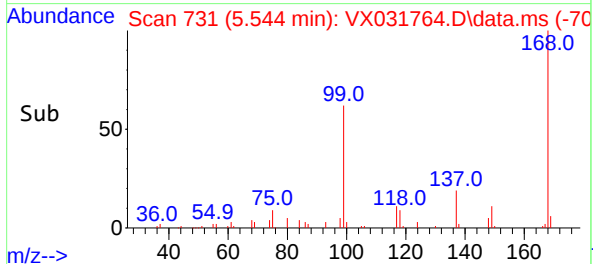
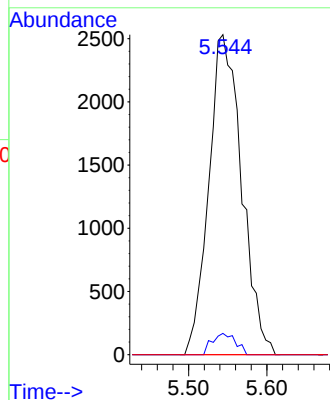


#38
Carbon Tetrachloride
Concen: 4.528 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL01

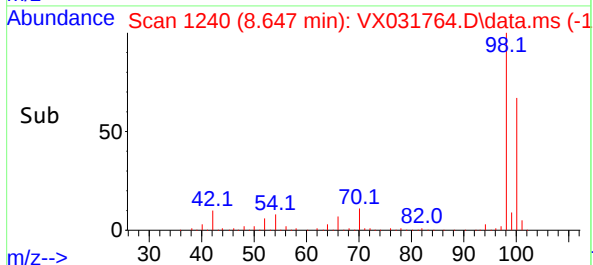
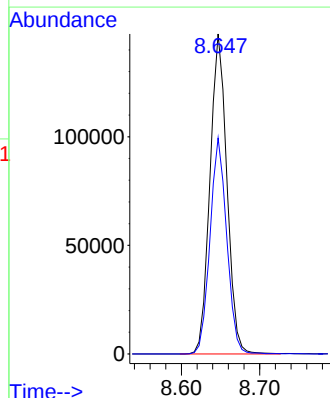
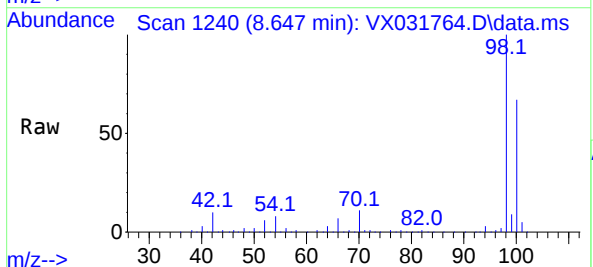


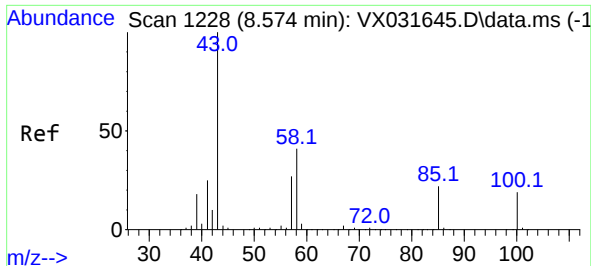
Tgt Ion:117 Resp: 7378
Ion Ratio Lower Upper
117 100
119 6.6 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 48.402 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

Tgt Ion: 98 Resp: 220938
Ion Ratio Lower Upper
98 100
100 66.7 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.523 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX031764.D

Acq: 29 Sep 2022 11:24

Instrument :

MSVOA_X

ClientSampleId :

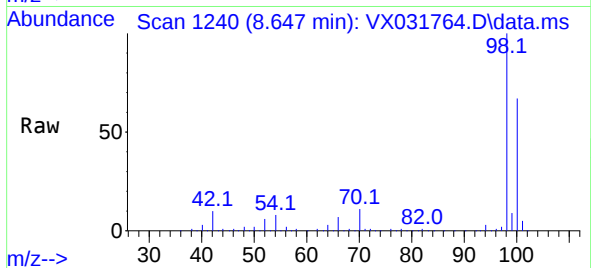
VX0929WBL01

Tgt Ion: 43 Resp: 760

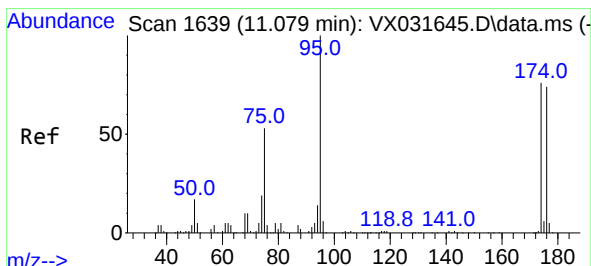
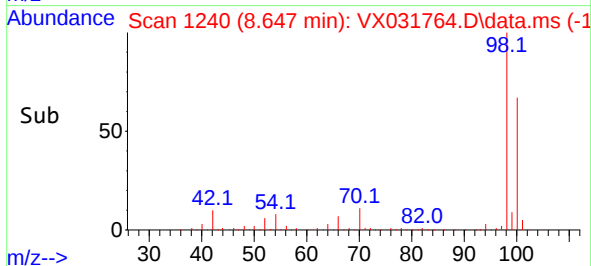
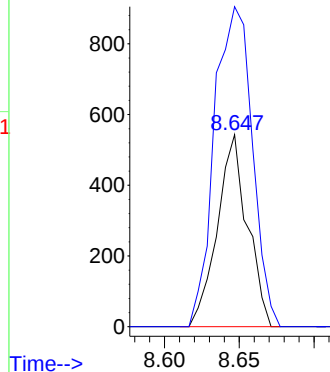
Ion Ratio Lower Upper

43 100

58 209.5 30.6 46.0#



Abundance



#62

4-Bromofluorobenzene

Concen: 47.426 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031764.D

Acq: 29 Sep 2022 11:24

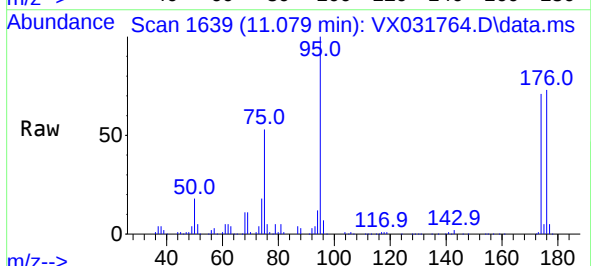
Tgt Ion: 95 Resp: 79345

Ion Ratio Lower Upper

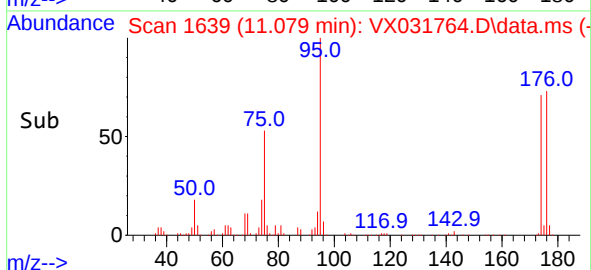
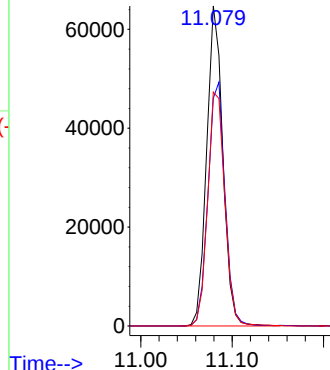
95 100

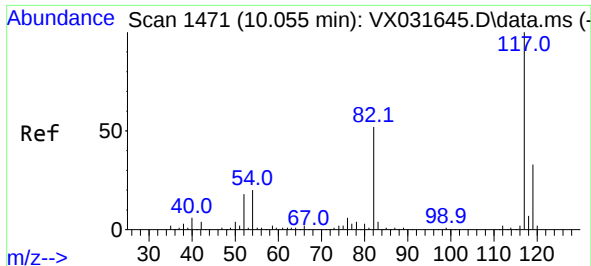
174 80.0 0.0 153.2

176 77.6 0.0 144.0



Abundance

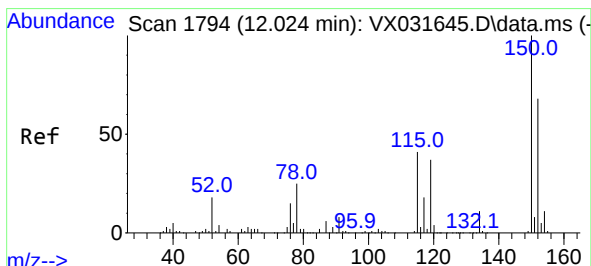
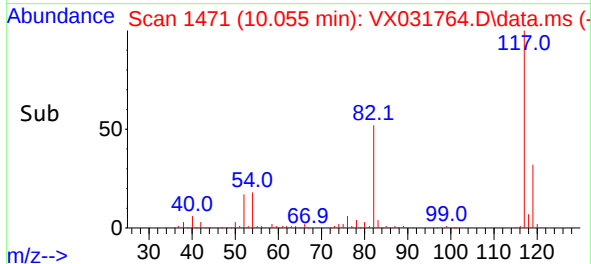
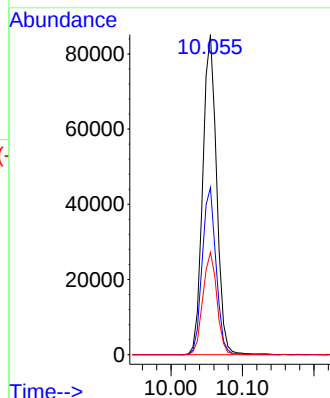
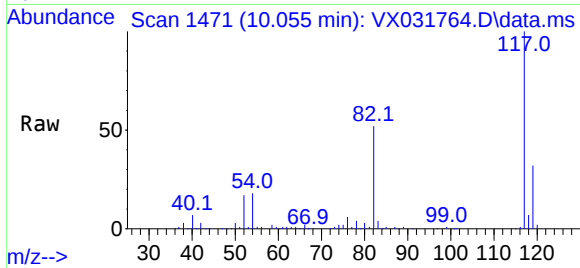




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

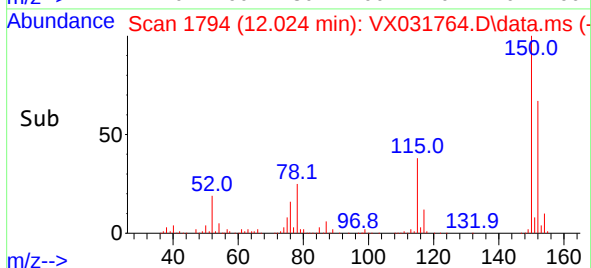
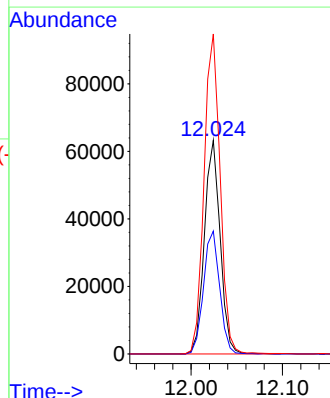
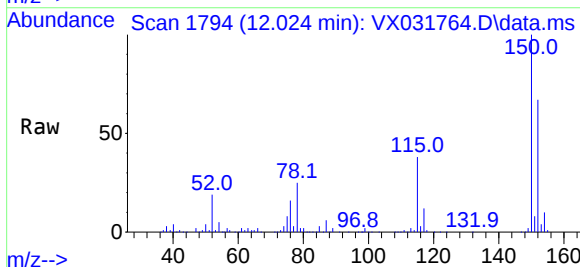
Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL01

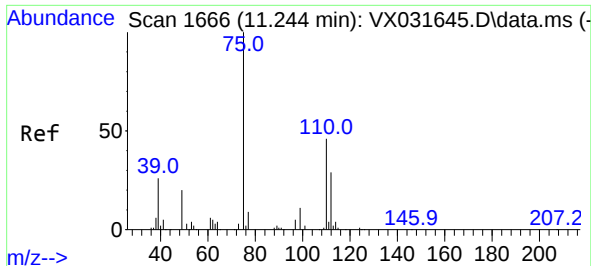
Tgt Ion:117 Resp: 114876
Ion Ratio Lower Upper
117 100
82 52.3 46.8 70.2
119 32.0 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

Tgt Ion:152 Resp: 75571
Ion Ratio Lower Upper
152 100
115 59.0 43.4 130.1
150 153.2 0.0 346.8

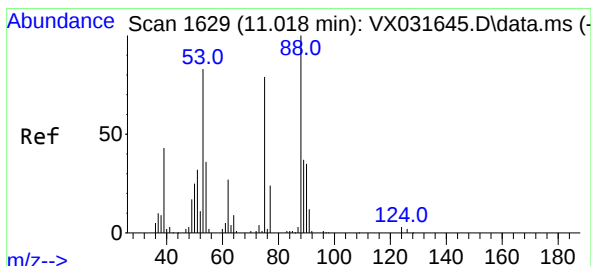
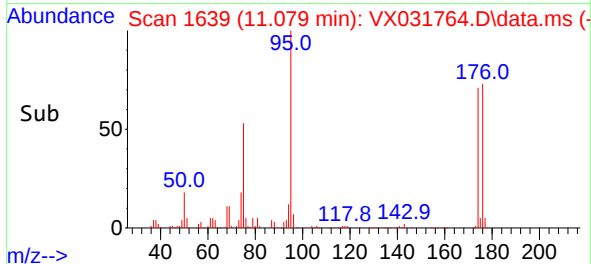
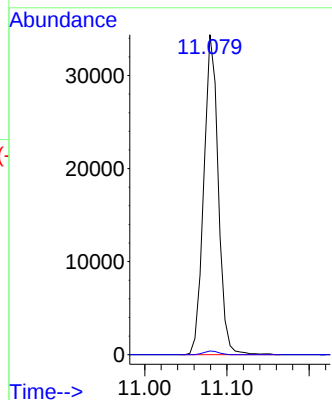
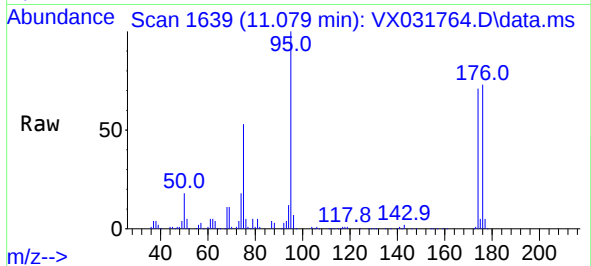




#76
1,2,3-Trichloropropane
Concen: 30.662 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

Instrument :
MSVOA_X
ClientSampleId :
VX0929WBL01

Tgt Ion: 75 Resp: 42007
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 100.996 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031764.D
Acq: 29 Sep 2022 11:24

Tgt Ion: 75 Resp: 42007
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

