

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092922\
 Data File : VX031763.D
 Acq On : 29 Sep 2022 09:42
 Operator : JC/MD
 Sample : VX0929MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0929MBL01

Quant Time: Sep 30 04:28:00 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	137935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	226323	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	234419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131329	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	141878	48.463	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.920%
35) Dibromofluoromethane	5.379	113	122638	45.477	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.960%
50) Toluene-d8	8.647	98	467467	47.815	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.620%
62) 4-Bromofluorobenzene	11.079	95	159174	44.421	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.840%

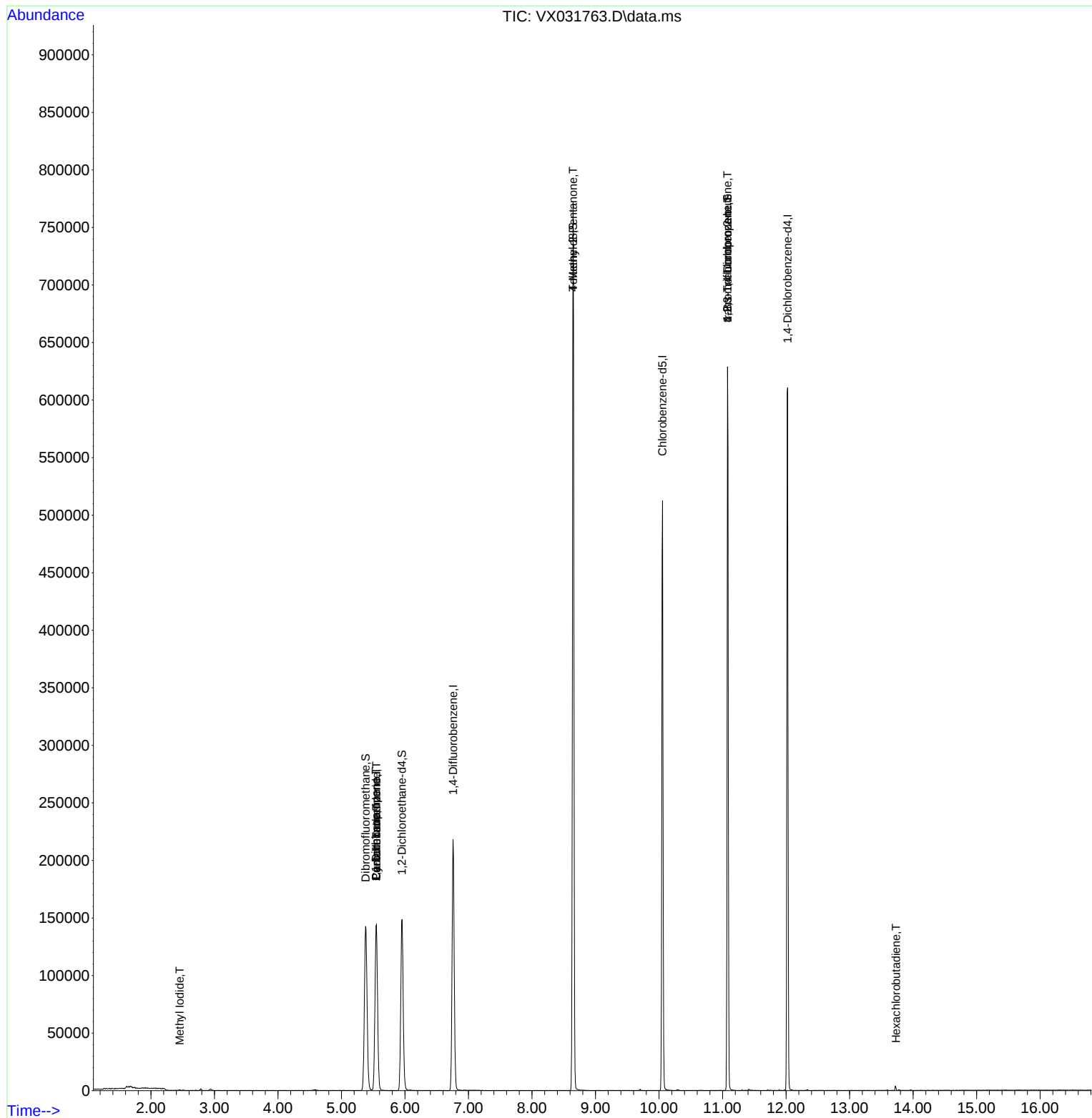
Target Compounds			Qvalue			
3) Chloromethane	1.288	50	149	Below Cal	#	41
5) Bromomethane	1.618	94	506	Below Cal	#	56
6) Chloroethane	1.679	64	99	Below Cal	#	80
7) Trichlorofluoromethane	1.886	101	47	Below Cal	#	18
10) Methyl Iodide	2.453	142	478	0.266 ug/l	#	89
11) Tert butyl alcohol	2.934	59	723	Below Cal	#	73
12) 1,1-Dichloroethene	2.313	96	24	Below Cal	#	1
16) Acetone	2.392	43	337	Below Cal	#	45
17) Carbon Disulfide	2.514	76	500	Below Cal	#	75
20) Methylene Chloride	2.782	84	589	Below Cal	#	79
31) Cyclohexane	5.550	56	2776	0.997 ug/l	#	5
36) 1,1-Dichloropropene	5.544	75	10629	3.432 ug/l	#	51
38) Carbon Tetrachloride	5.550	117	14087	4.036 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.647	43	1807	0.581 ug/l	#	1
76) 1,2,3-Trichloropropane	11.079	75	82207	34.529 ug/l	#	36
81) trans-1,4-Dichloro-2-b...	11.079	75	82207	113.348 ug/l	#	11
94) Hexachlorobutadiene	13.731	225	552	0.578 ug/l		89

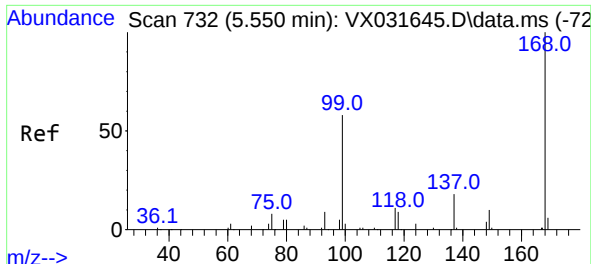
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
VX0929MBL01

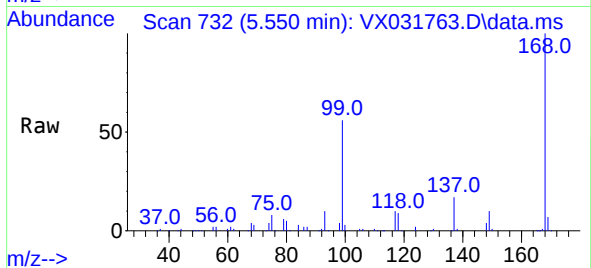
Quant Time: Sep 30 04:28:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X092622W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 27 01:44:18 2022
Response via : Initial Calibration



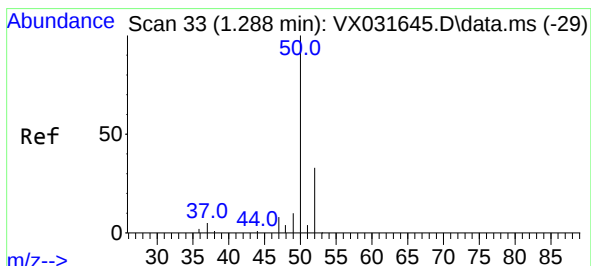
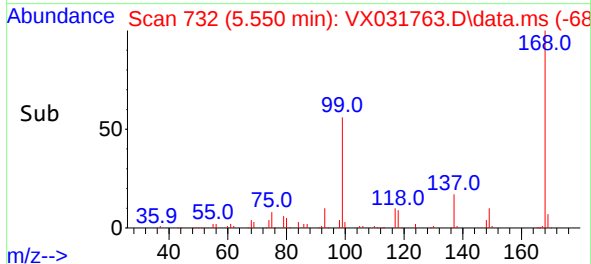
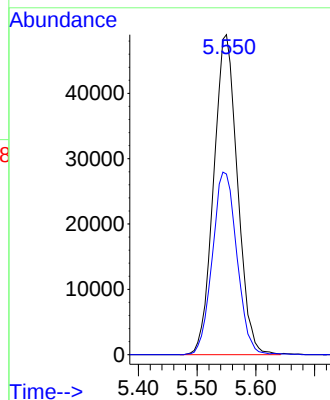


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031763.D
Acq: 29 Sep 2022 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

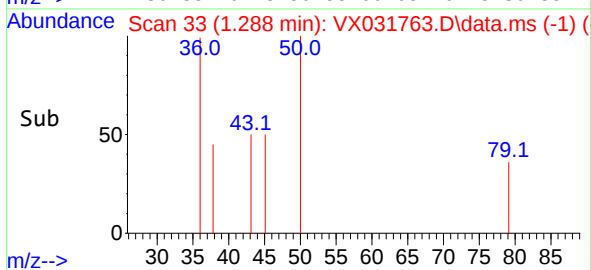
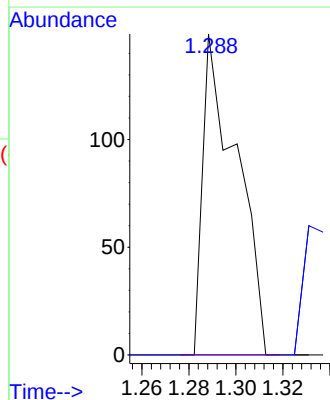
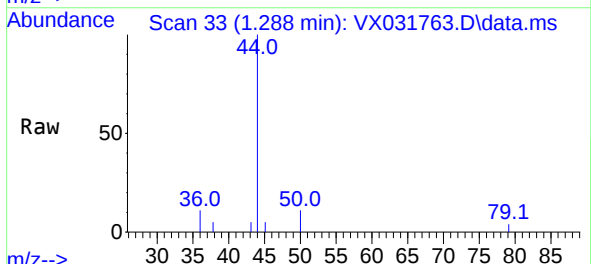


Tgt Ion:168 Resp: 137935
Ion Ratio Lower Upper
168 100
99 56.4 48.8 73.2

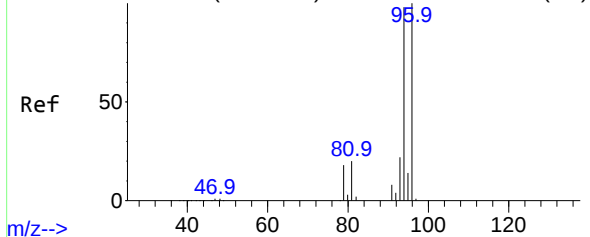


#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031763.D
Acq: 29 Sep 2022 09:42

Tgt Ion: 50 Resp: 149
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: 1.618 min Scan# 81

Delta R.T. 0.007 min

Lab File: VX031763.D

Acq: 29 Sep 2022 09:42

Instrument :

MSVOA_X

ClientSampleId :

VX0929MBL01

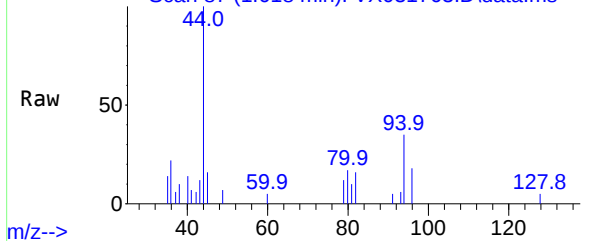
Tgt Ion: 94 Resp: 506

Ion Ratio Lower Upper

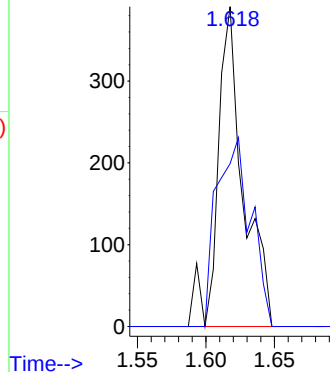
94 100

96 50.9 74.4 111.6#

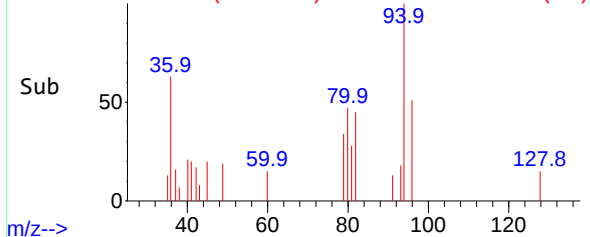
Abundance Scan 87 (1.618 min): VX031763.D\data.ms



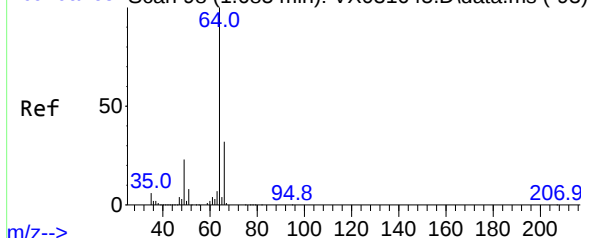
Abundance



Abundance Scan 87 (1.618 min): VX031763.D\data.ms (-37)



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



#6

Chloroethane

Concen: Below Cal

RT: 1.679 min Scan# 97

Delta R.T. -0.006 min

Lab File: VX031763.D

Acq: 29 Sep 2022 09:42

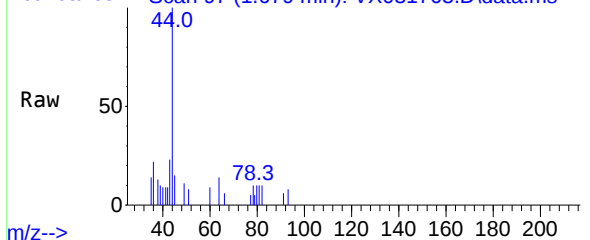
Tgt Ion: 64 Resp: 99

Ion Ratio Lower Upper

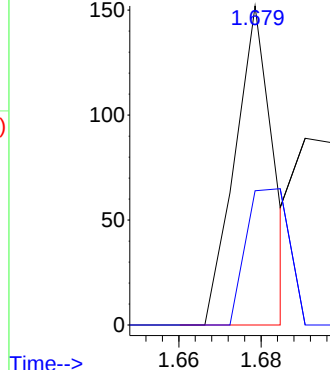
64 100

66 42.1 25.0 37.4#

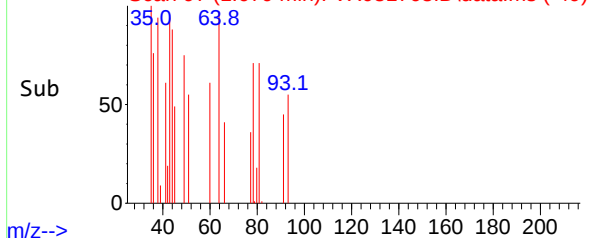
Abundance Scan 97 (1.679 min): VX031763.D\data.ms

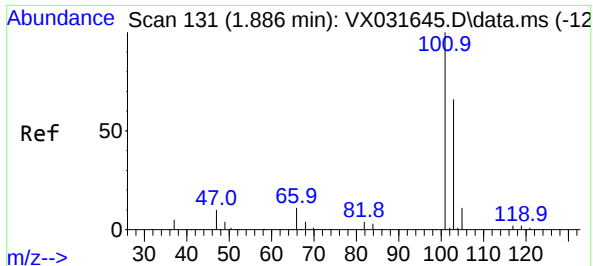


Abundance



Abundance Scan 97 (1.679 min): VX031763.D\data.ms (-49)

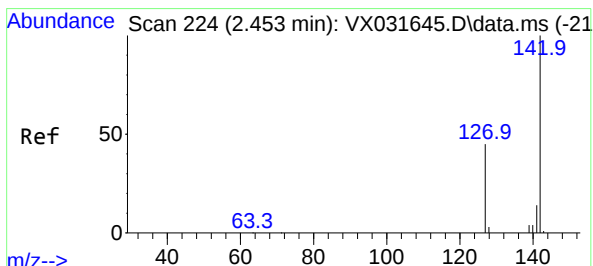
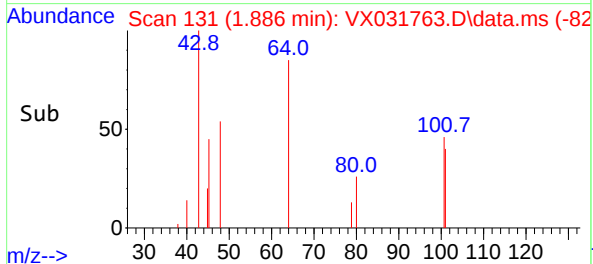
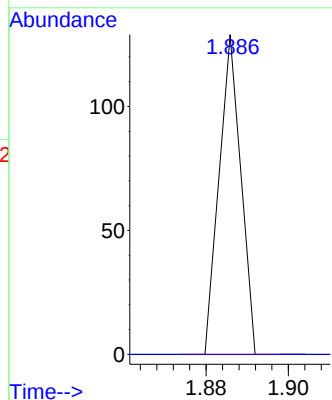
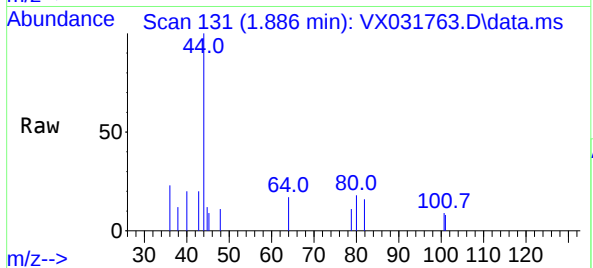




#7
 Trichlorofluoromethane
 Concen: Below Cal
 RT: 1.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX031763.D
 Acq: 29 Sep 2022 09:42

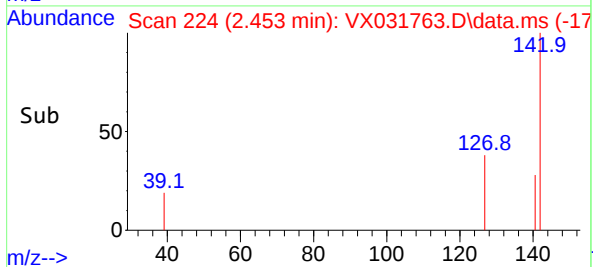
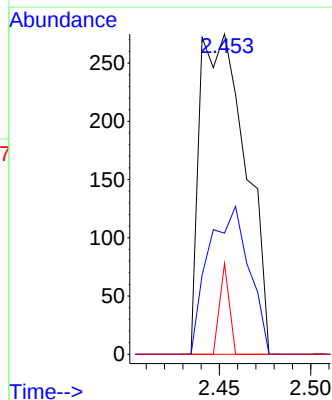
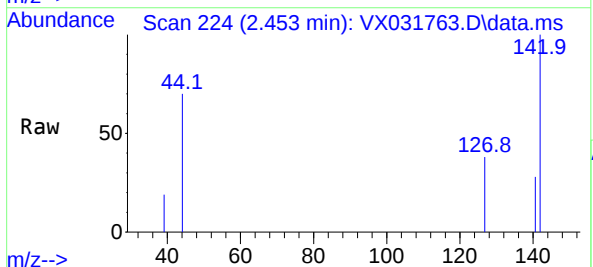
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0929MBL01

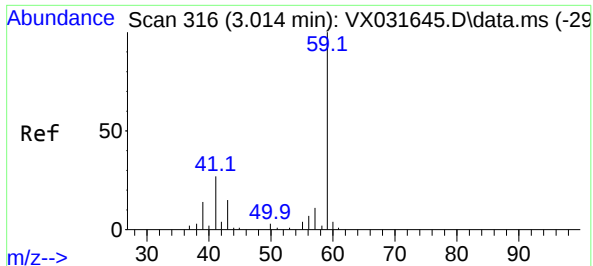
Tgt Ion:101 Resp: 47
 Ion Ratio Lower Upper
 101 100
 103 0.0 51.8 77.6#



#10
 Methyl Iodide
 Concen: 0.266 ug/l
 RT: 2.453 min Scan# 224
 Delta R.T. -0.000 min
 Lab File: VX031763.D
 Acq: 29 Sep 2022 09:42

Tgt Ion:142 Resp: 478
 Ion Ratio Lower Upper
 142 100
 127 41.0 37.4 56.0
 141 6.1 11.6 17.4#

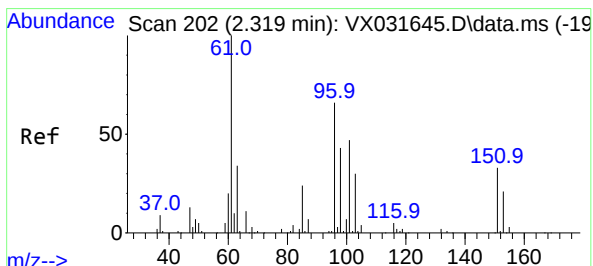
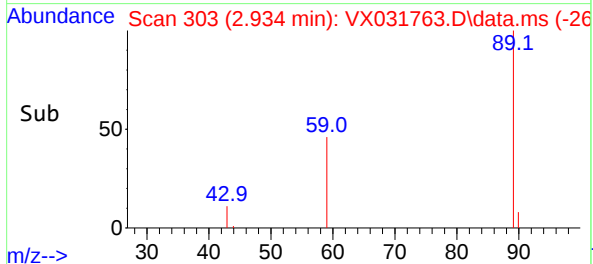
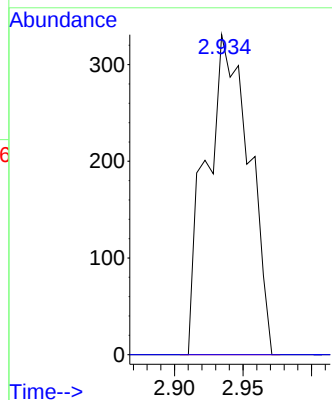
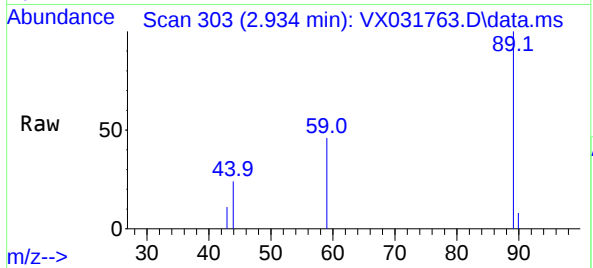




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.934 min Scan# 30
Delta R.T. -0.055 min
Lab File: VX031763.D
Acq: 29 Sep 2022 09:42

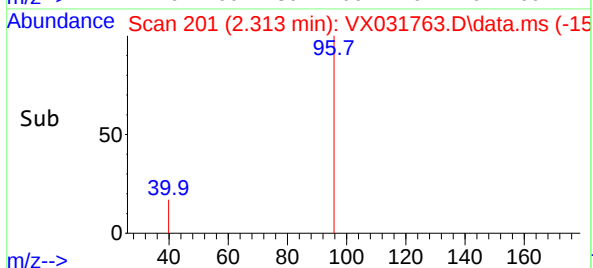
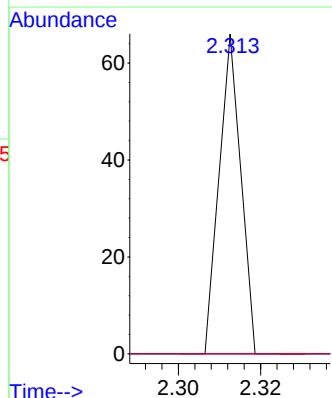
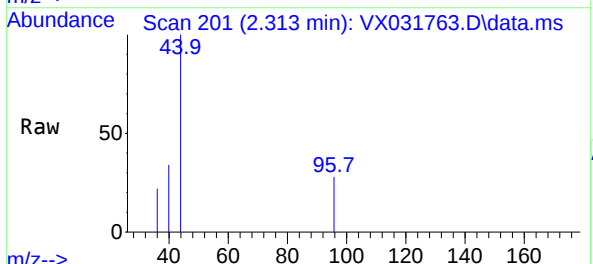
Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

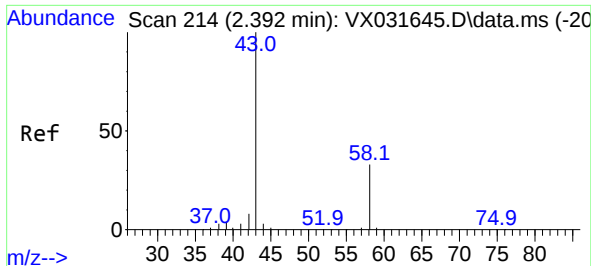
Tgt Ion: 59 Resp: 723
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: Below Cal
RT: 2.313 min Scan# 201
Delta R.T. -0.006 min
Lab File: VX031763.D
Acq: 29 Sep 2022 09:42

Tgt Ion: 96 Resp: 24
Ion Ratio Lower Upper
96 100
61 0.0 135.3 202.9#
98 0.0 49.4 74.2#

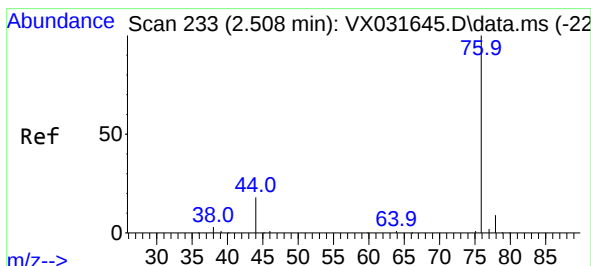
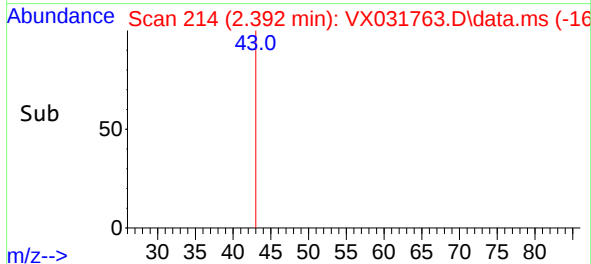
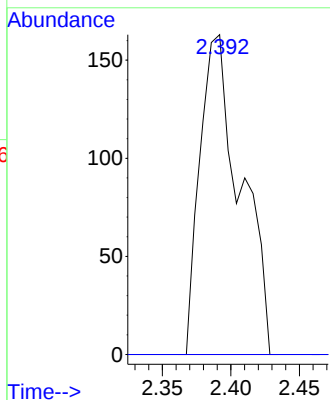
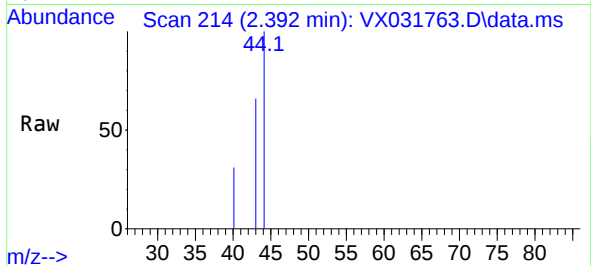




#16
Acetone
Concen: Below Cal
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031763.D
Acq: 29 Sep 2022 09:42

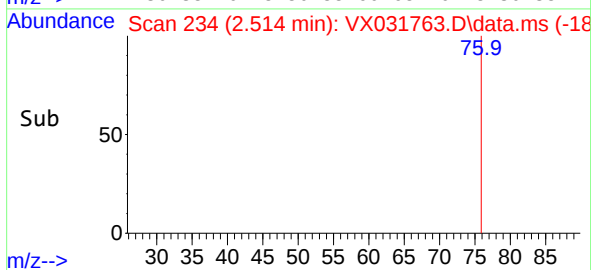
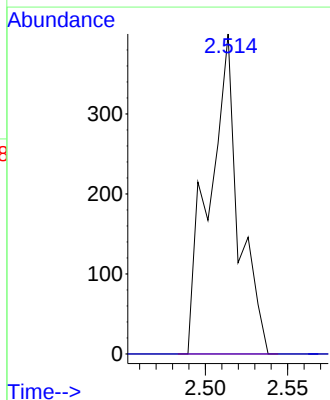
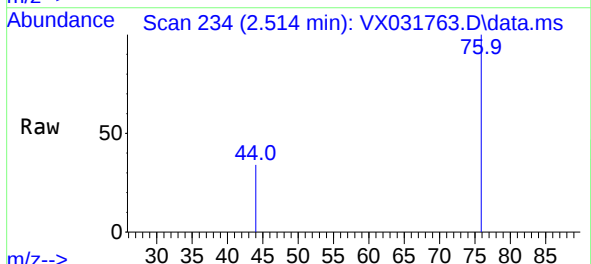
Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

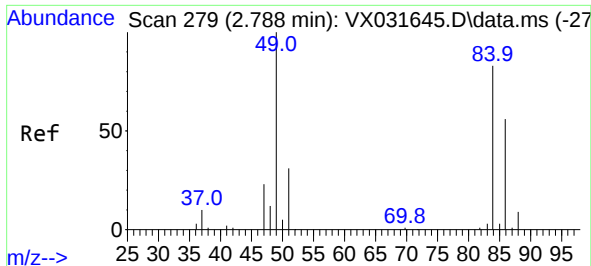
Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX031763.D
Acq: 29 Sep 2022 09:42

Tgt Ion: 76 Resp: 500
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



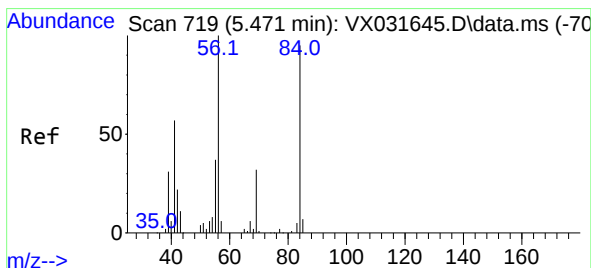
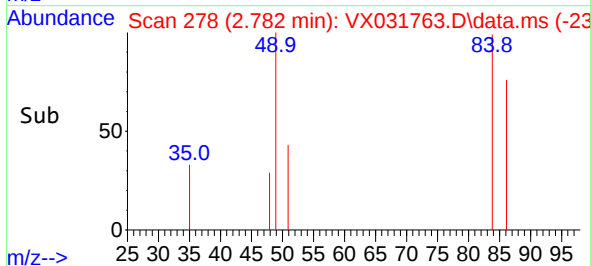
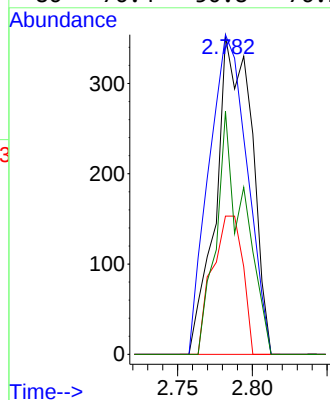
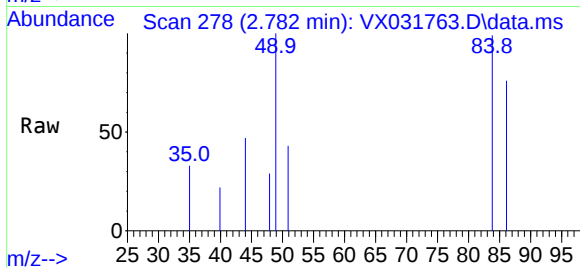


#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX031763.D
Acq: 29 Sep 2022 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

Tgt Ion: 84 Resp: 589

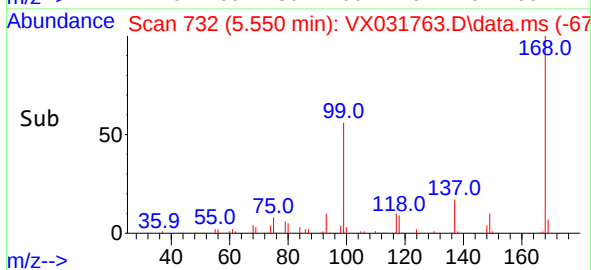
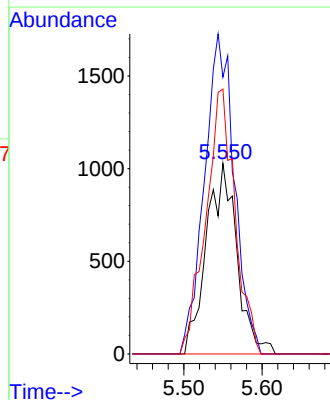
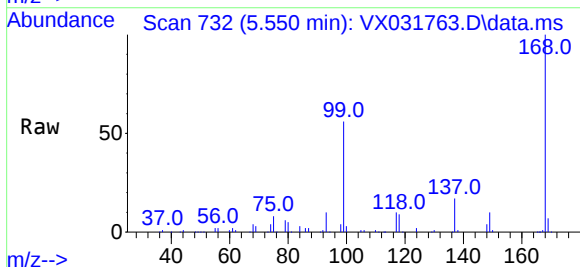
Ion	Ratio	Lower	Upper
84	100		
49	100.6	105.9	158.9#
51	43.5	32.2	48.2
86	76.4	50.8	76.2#

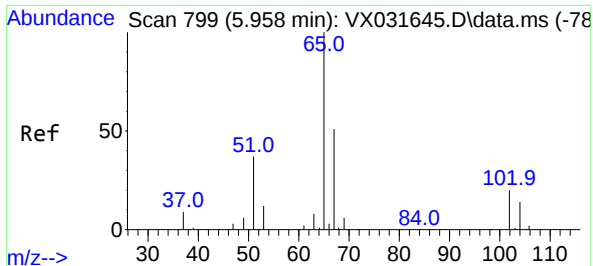


#31
Cyclohexane
Concen: 0.997 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX031763.D
Acq: 29 Sep 2022 09:42

Tgt Ion: 56 Resp: 2776

Ion	Ratio	Lower	Upper
56	100		
69	145.3	25.1	37.7#
84	139.1	70.2	105.4#

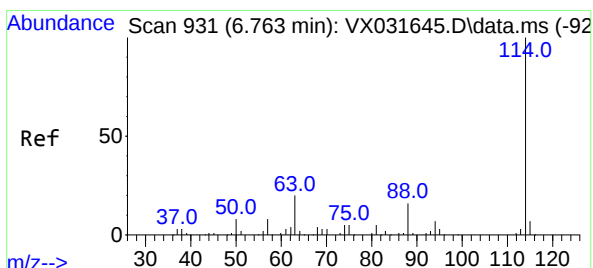
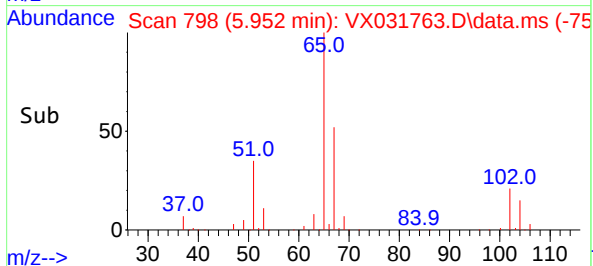
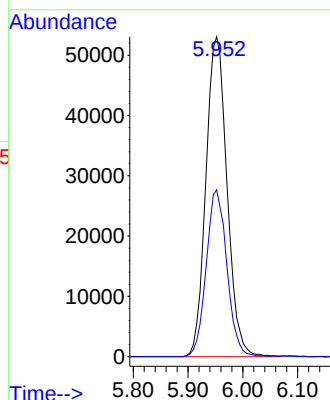
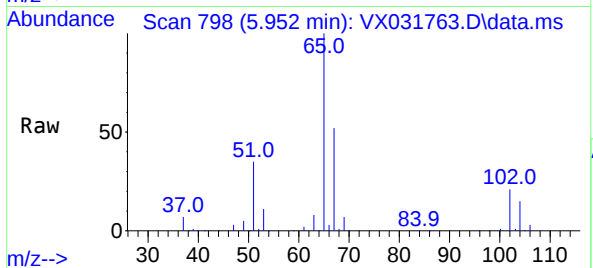




#33
 1,2-Dichloroethane-d4
 Concen: 48.463 ug/l
 RT: 5.952 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX031763.D
 Acq: 29 Sep 2022 09:42

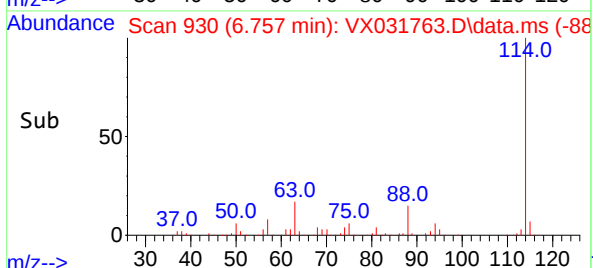
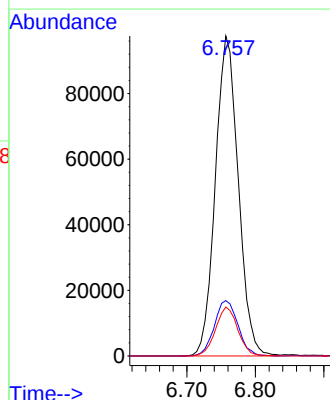
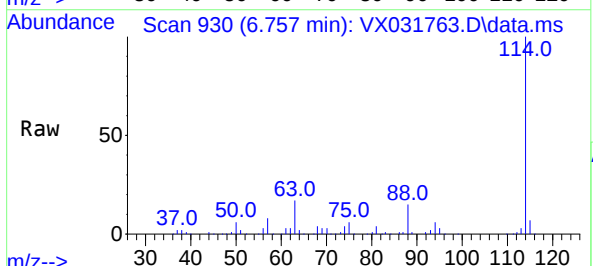
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0929MBL01

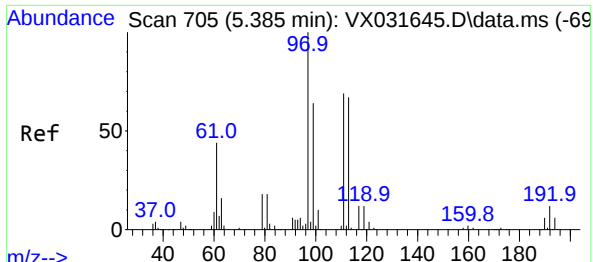
Tgt Ion: 65 Resp: 141878
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX031763.D
 Acq: 29 Sep 2022 09:42

Tgt Ion: 114 Resp: 226323
 Ion Ratio Lower Upper
 114 100
 63 17.3 0.0 42.6
 88 15.3 0.0 33.0

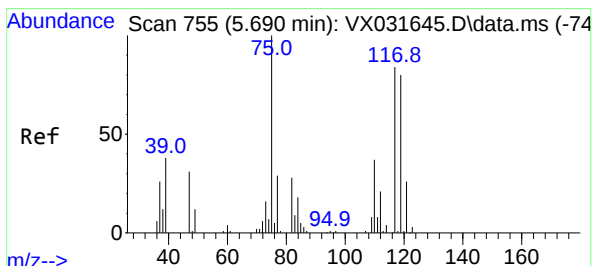
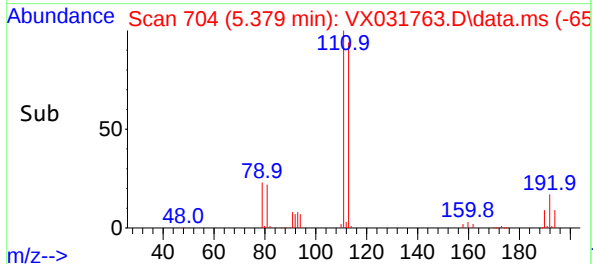
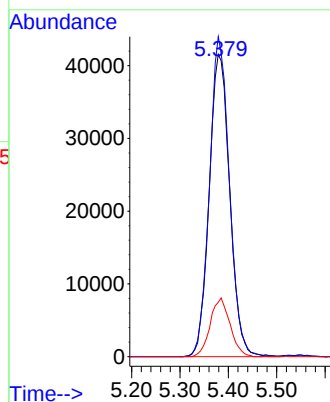
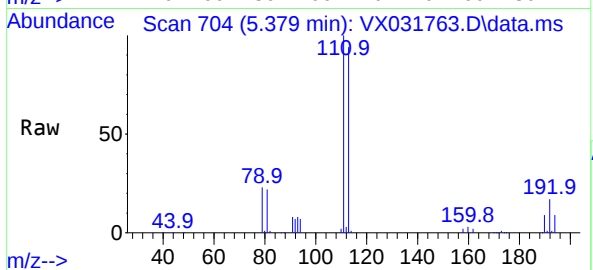




#35
Dibromofluoromethane
Concen: 45.477 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.012 min
Lab File: VX031763.D
Acq: 29 Sep 2022 09:42

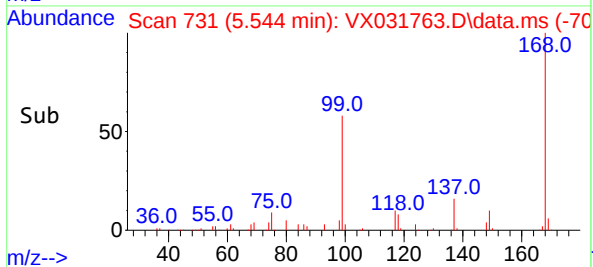
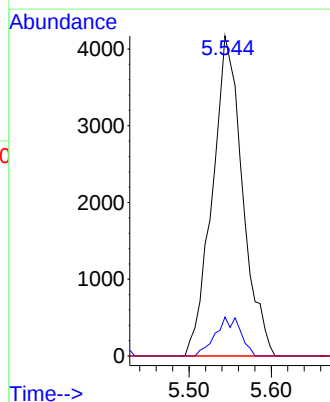
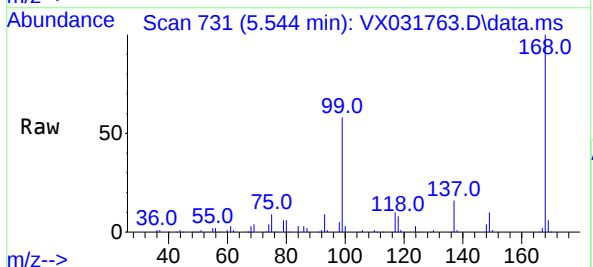
Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

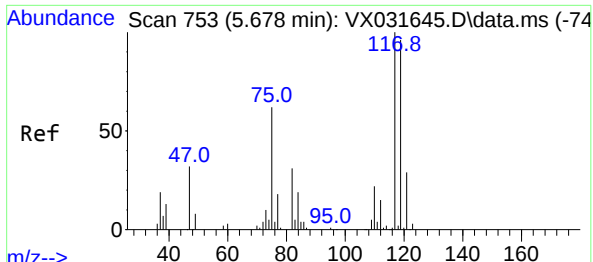
Tgt Ion:113 Resp: 122638
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 18.7 14.1 21.1



#36
1,1-Dichloropropene
Concen: 3.432 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX031763.D
Acq: 29 Sep 2022 09:42

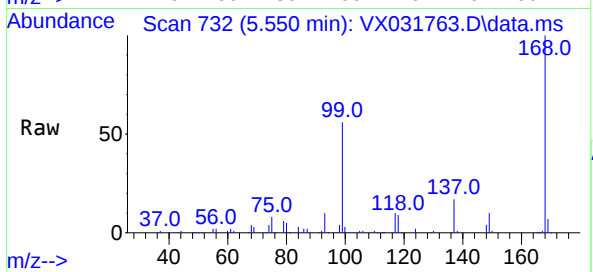
Tgt Ion: 75 Resp: 10629
Ion Ratio Lower Upper
75 100
110 10.2 17.5 52.5#
77 0.0 24.9 37.3#



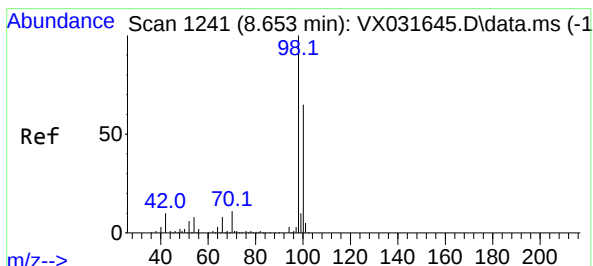
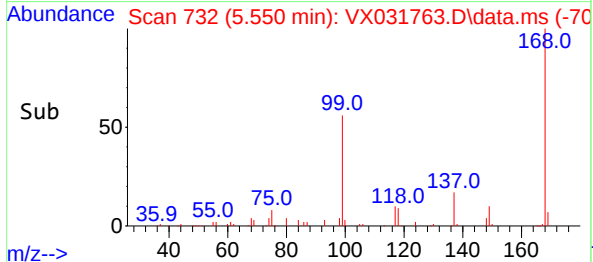
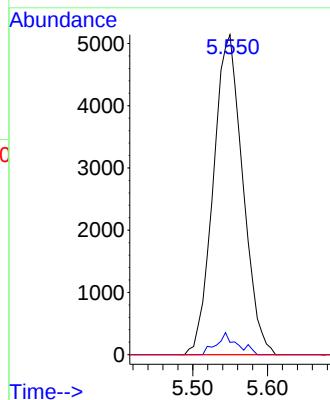


#38
Carbon Tetrachloride
Concen: 4.036 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031763.D
Acq: 29 Sep 2022 09:42

Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

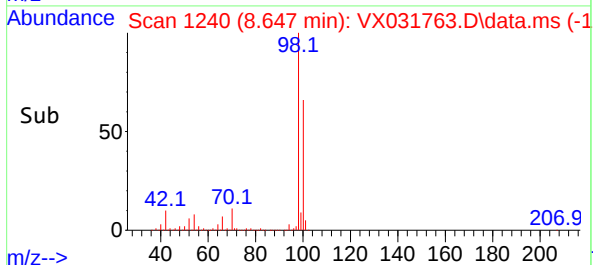
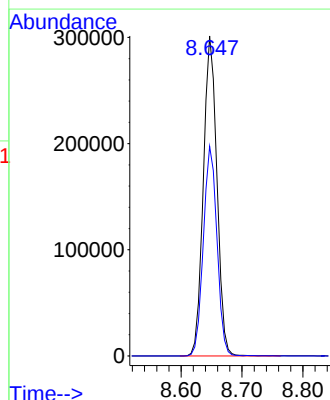
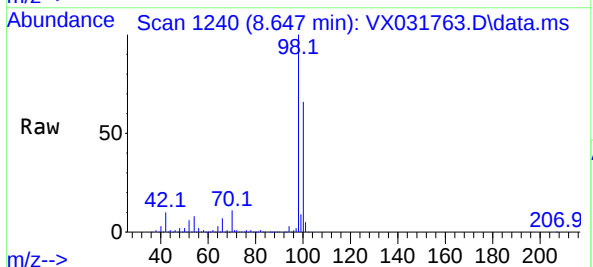


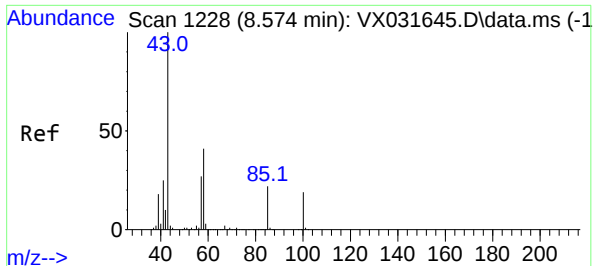
Tgt Ion:117 Resp: 14087
Ion Ratio Lower Upper
117 100
119 3.9 74.6 112.0#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 47.815 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX031763.D
Acq: 29 Sep 2022 09:42

Tgt Ion: 98 Resp: 467467
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.581 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.067 min

Lab File: VX031763.D

Acq: 29 Sep 2022 09:42

Instrument :

MSVOA_X

ClientSampleId :

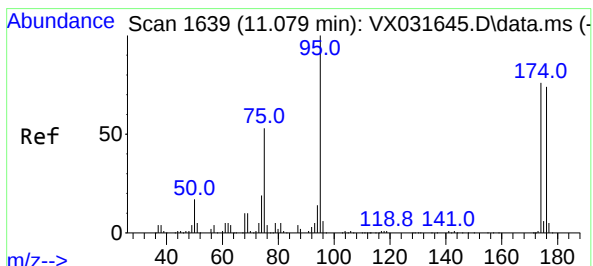
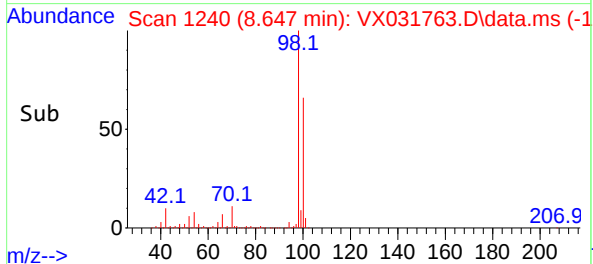
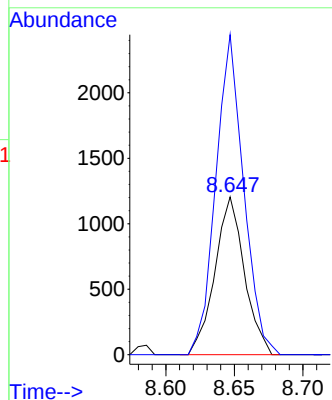
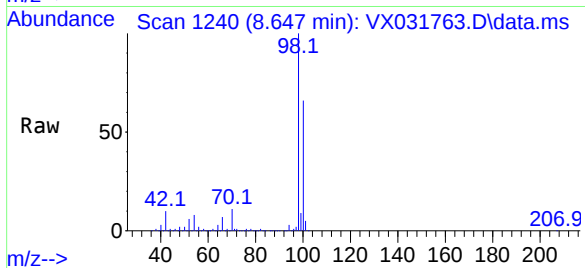
VX0929MBL01

Tgt Ion: 43 Resp: 1807

Ion Ratio Lower Upper

43 100

58 191.1 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 44.421 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031763.D

Acq: 29 Sep 2022 09:42

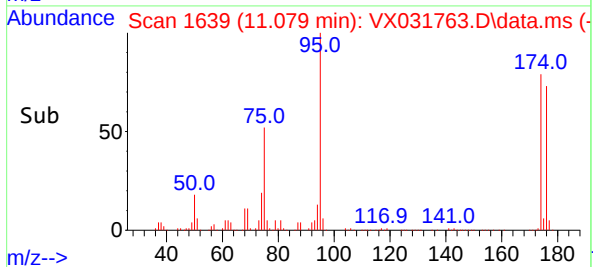
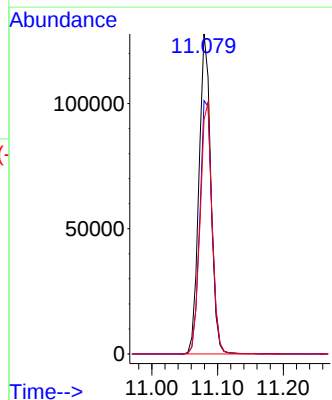
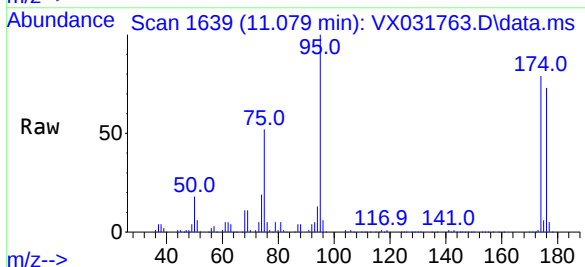
Tgt Ion: 95 Resp: 159174

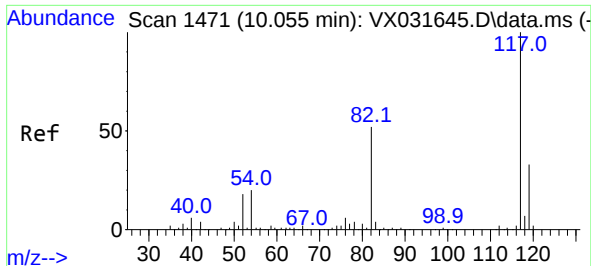
Ion Ratio Lower Upper

95 100

174 81.6 0.0 153.2

176 79.5 0.0 144.0

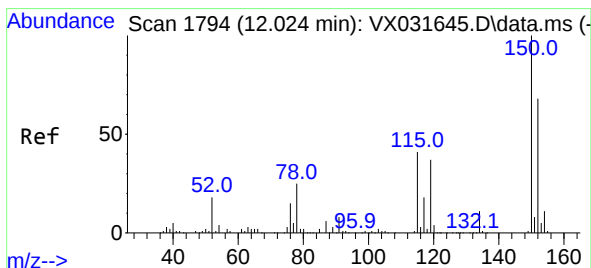
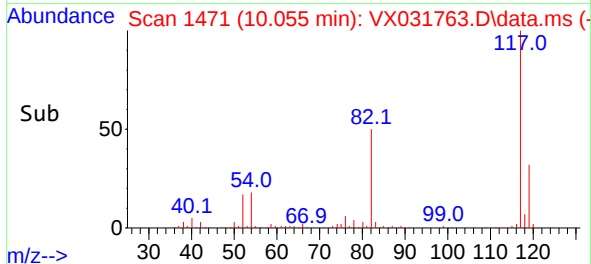
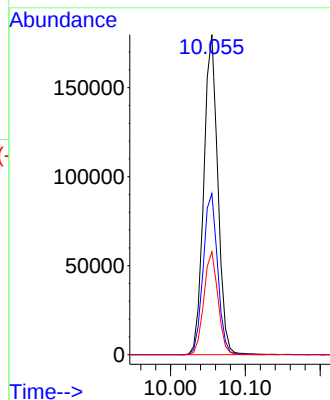
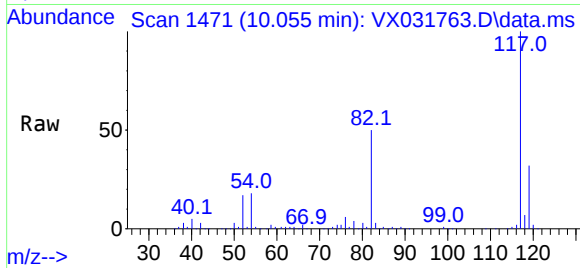




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031763.D
Acq: 29 Sep 2022 09:42

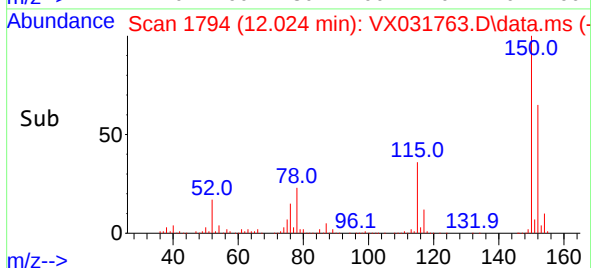
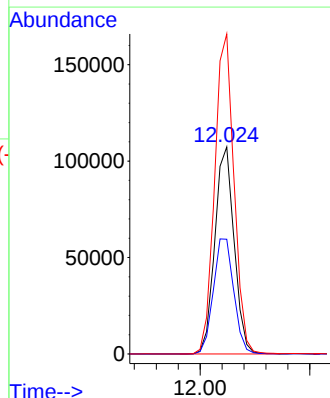
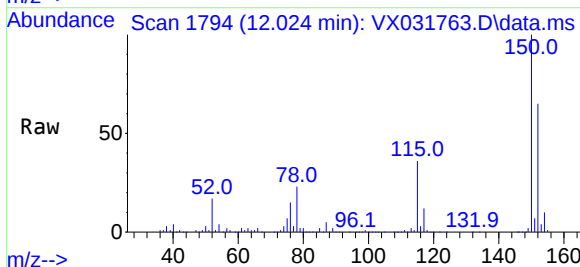
Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

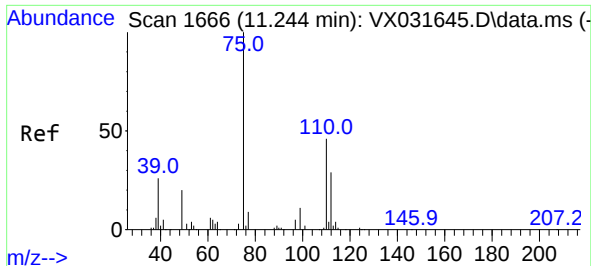
Tgt Ion:117 Resp: 234419
Ion Ratio Lower Upper
117 100
82 50.4 46.8 70.2
119 32.1 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031763.D
Acq: 29 Sep 2022 09:42

Tgt Ion:152 Resp: 131329
Ion Ratio Lower Upper
152 100
115 59.0 43.4 130.1
150 154.9 0.0 346.8

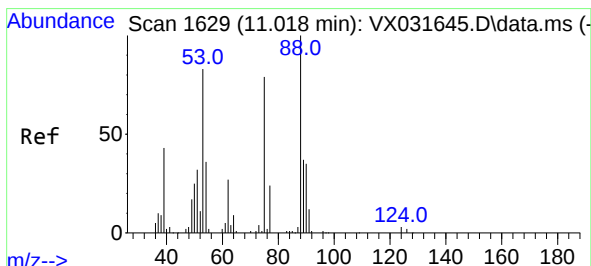
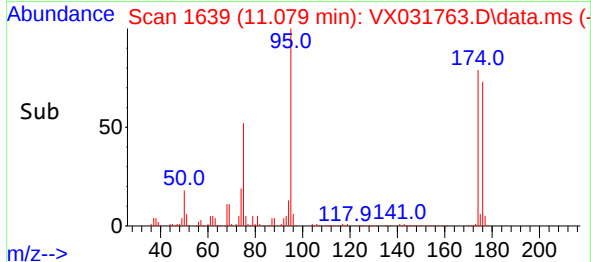
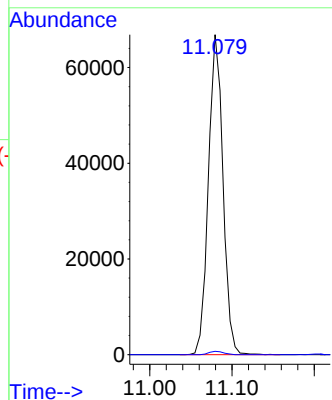
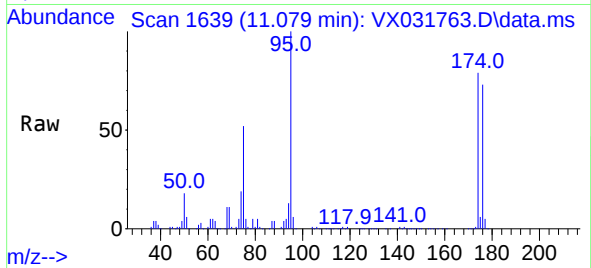




#76
1,2,3-Trichloropropane
Concen: 34.529 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031763.D
Acq: 29 Sep 2022 09:42

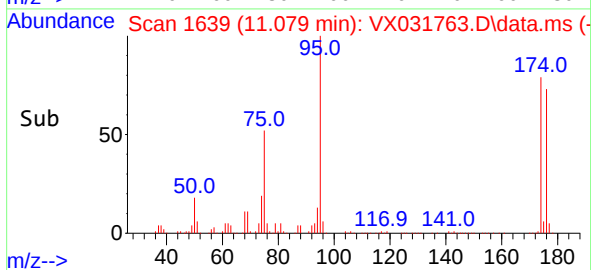
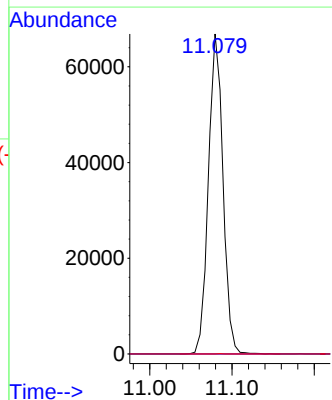
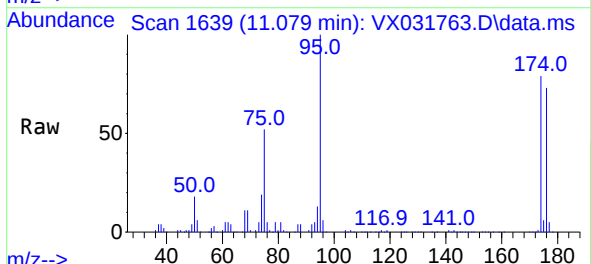
Instrument :
MSVOA_X
ClientSampleId :
VX0929MBL01

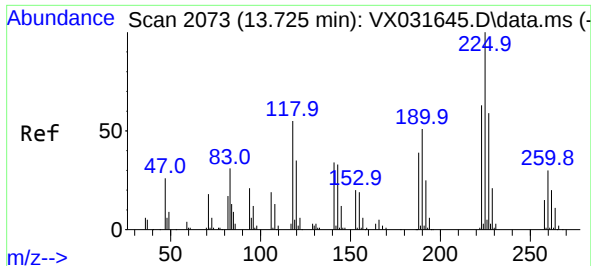
Tgt Ion: 75 Resp: 82207
Ion Ratio Lower Upper
75 100
77 1.1 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.348 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031763.D
Acq: 29 Sep 2022 09:42

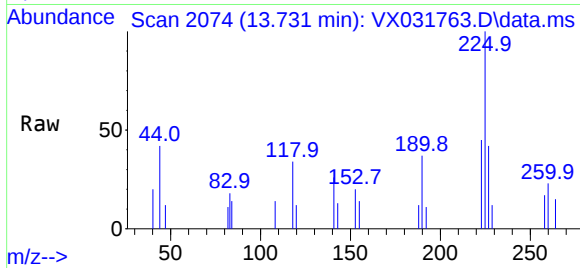
Tgt Ion: 75 Resp: 82207
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#





#94
 Hexachlorobutadiene
 Concen: 0.578 ug/l
 RT: 13.731 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VX031763.D
 Acq: 29 Sep 2022 09:42

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0929MBL01



Tgt Ion:	225	Resp:	552
Ion	Ratio	Lower	Upper
225	100		
223	50.4	30.8	92.4
227	58.7	32.3	96.9

