

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029761.D
 Acq On : 24 Jun 2022 09:32
 Operator : JC/MD
 Sample : VX0624MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624MBL01

Quant Time: Jun 25 01:54:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	192632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	355754	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312262	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129593	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	119036	46.682	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.360%
35) Dibromofluoromethane	5.391	113	109589	47.269	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.540%
50) Toluene-d8	8.647	98	411964	48.641	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.280%
62) 4-Bromofluorobenzene	11.079	95	144518	45.247	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.500%

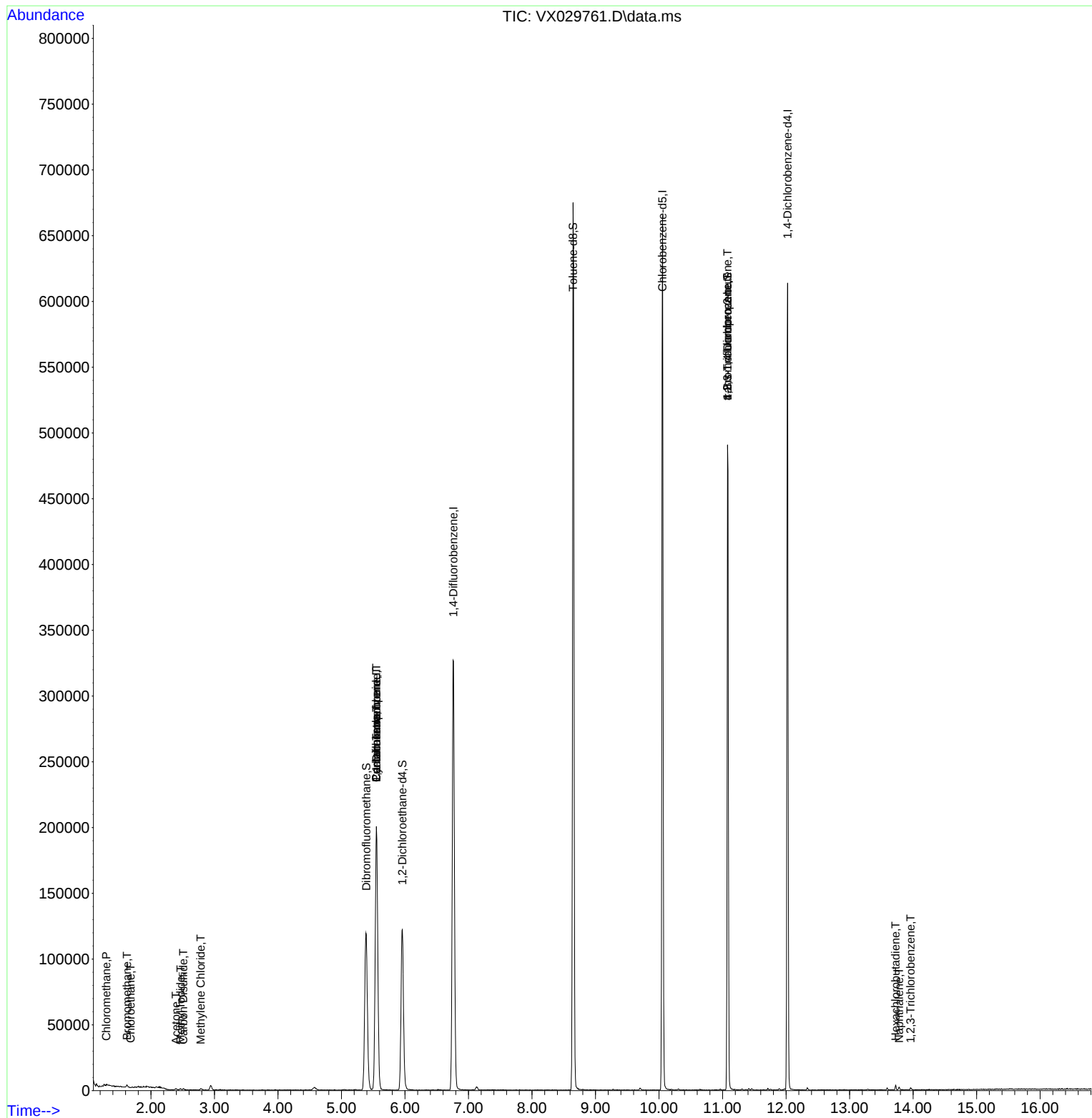
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	735	0.292	ug/l	89
5) Bromomethane	1.624	94	677	0.573	ug/l	92
6) Chloroethane	1.678	64	213	1.407	ug/l #	43
10) Methyl Iodide	2.465	142	907	3.387	ug/l #	90
11) Tert butyl alcohol	2.947	59	1991	Below Cal	#	72
16) Acetone	2.392	43	846	0.832	ug/l	92
17) Carbon Disulfide	2.508	76	1145	0.226	ug/l #	75
20) Methylene Chloride	2.782	84	560	0.247	ug/l #	75
31) Cyclohexane	5.550	56	3267	0.954	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14439	4.602	ug/l #	50
38) Carbon Tetrachloride	5.550	117	19531	6.330	ug/l #	15
44) Trichloroethene	7.129	130	1210	Below Cal		94
76) 1,2,3-Trichloropropane	11.079	75	69539	24.631	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	69539	81.943	ug/l #	15
94) Hexachlorobutadiene	13.725	225	605	0.584	ug/l	86
95) Naphthalene	13.780	128	1909	0.210	ug/l #	95
96) 1,2,3-Trichlorobenzene	13.963	180	555	0.219	ug/l	90

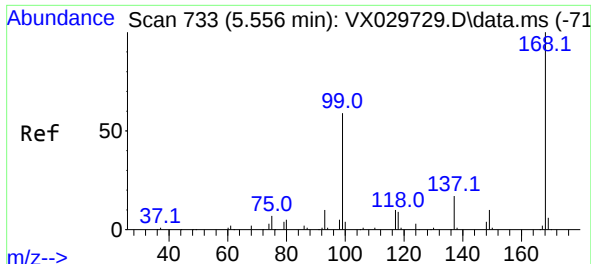
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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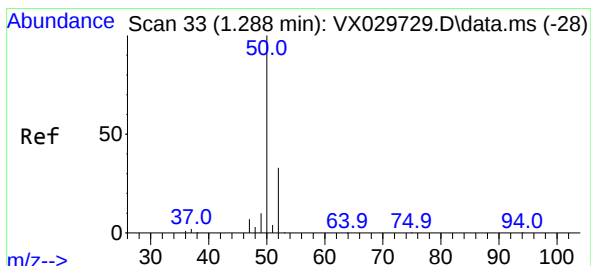
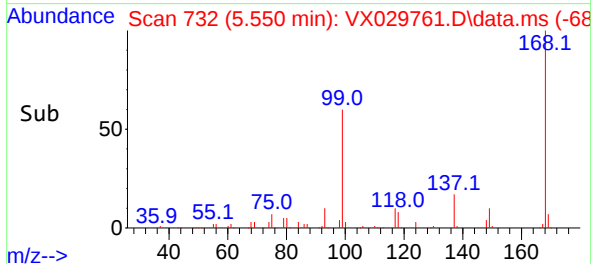
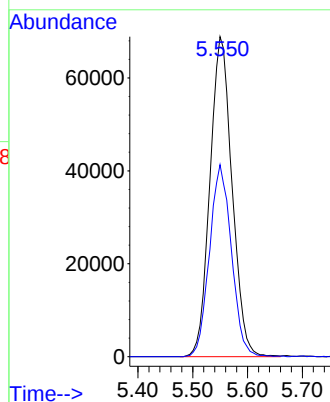
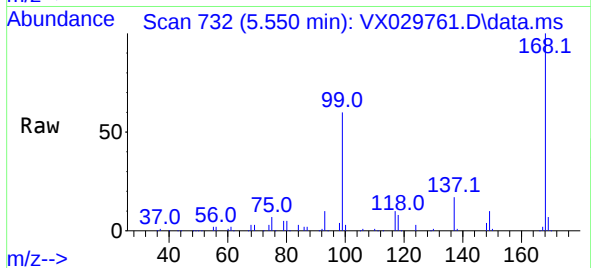




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

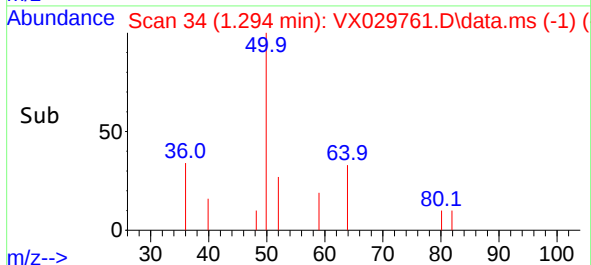
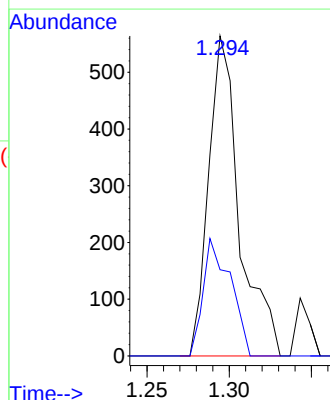
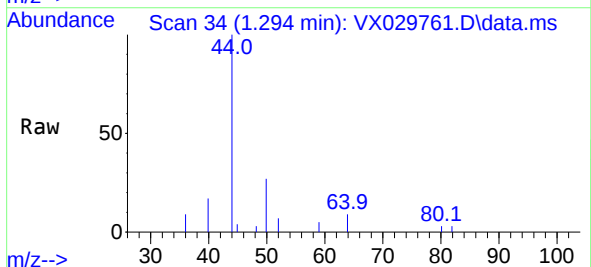
Instrument :
MSVOA_X
ClientSampleId :
VX0624MBL01

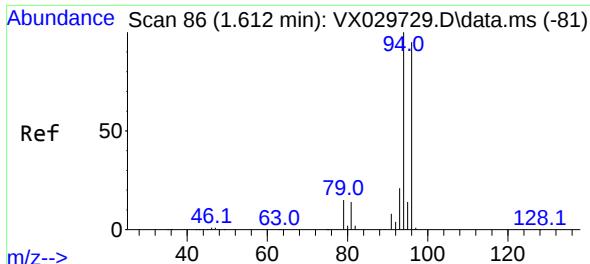
Tgt Ion:168 Resp: 192632
Ion Ratio Lower Upper
168 100
99 60.0 41.7 62.5



#3
Chloromethane
Concen: 0.292 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

Tgt Ion: 50 Resp: 735
Ion Ratio Lower Upper
50 100
52 27.0 26.4 39.6

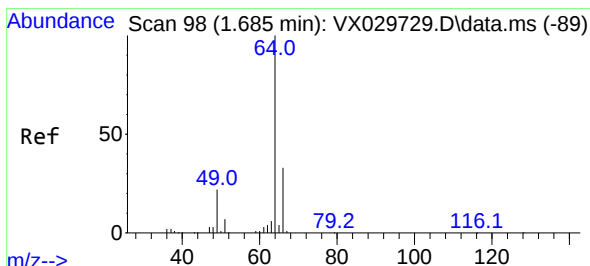
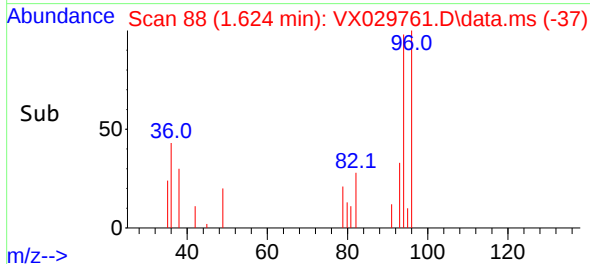
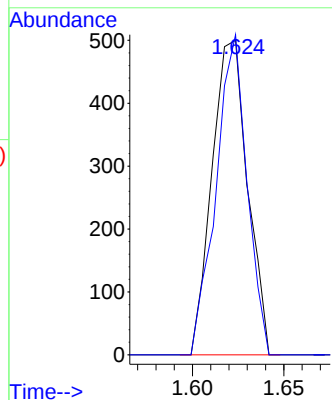
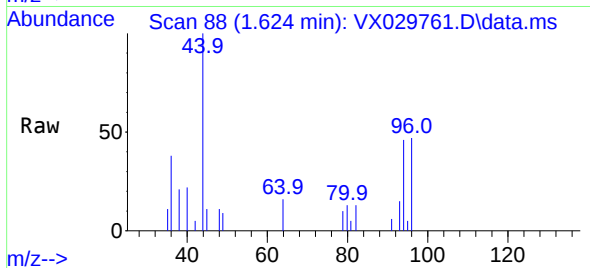




#5
Bromomethane
Concen: 0.573 ug/l
RT: 1.624 min Scan# 81
Delta R.T. 0.013 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

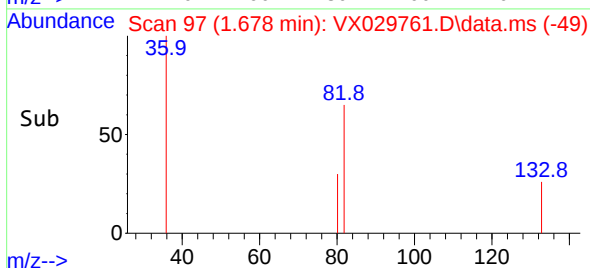
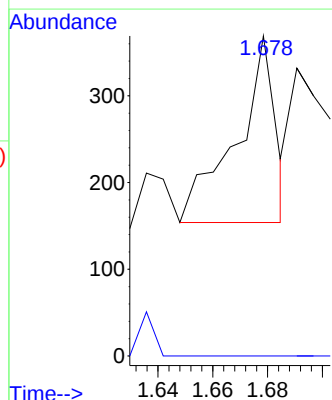
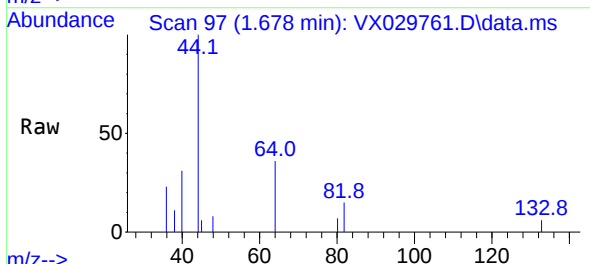
Instrument :
MSVOA_X
ClientSampleId :
VX0624MBL01

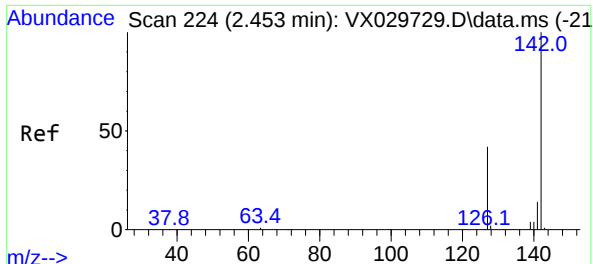
Tgt Ion: 94 Resp: 677
Ion Ratio Lower Upper
94 100
96 101.8 75.3 112.9



#6
Chloroethane
Concen: 1.407 ug/l
RT: 1.678 min Scan# 97
Delta R.T. -0.007 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

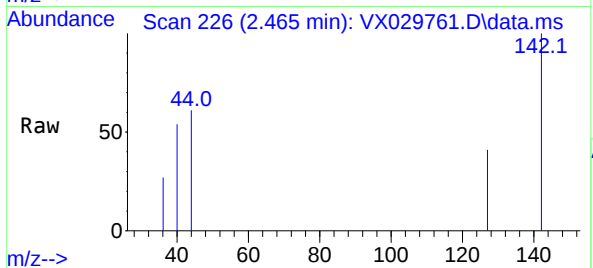
Tgt Ion: 64 Resp: 213
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



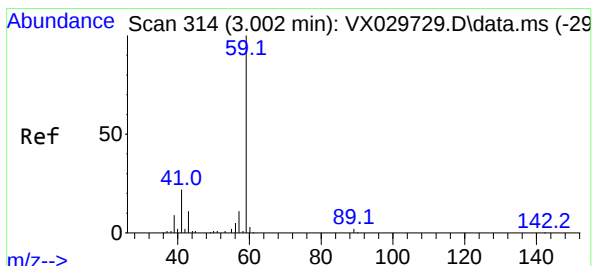
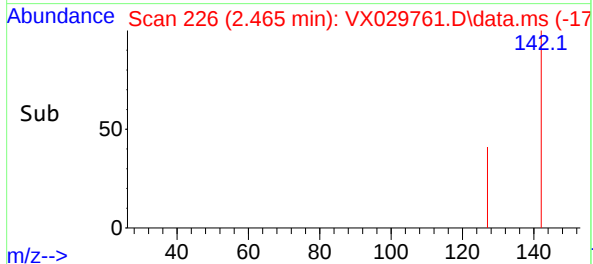
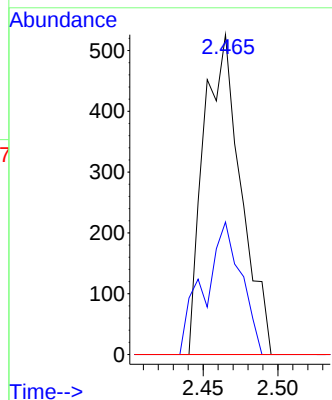


#10
Methyl Iodide
Concen: 3.387 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

Instrument :
MSVOA_X
ClientSampleId :
VX0624MBL01

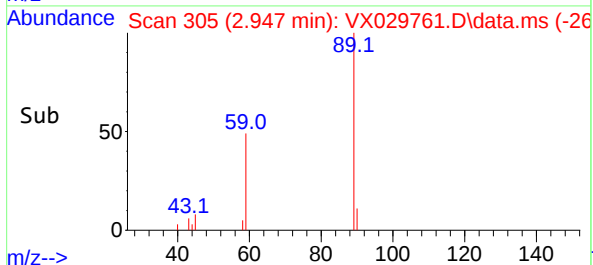
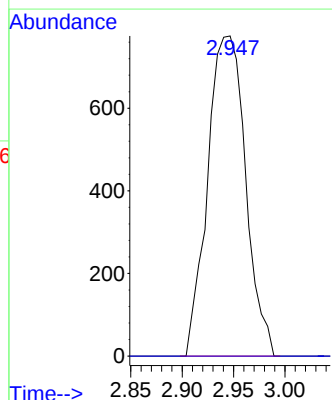
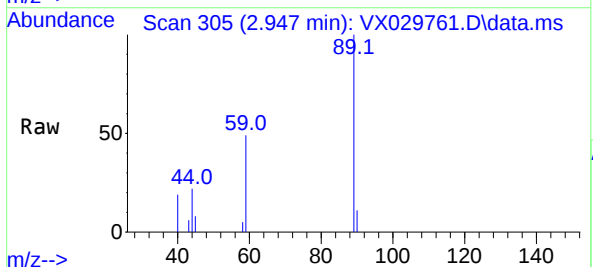


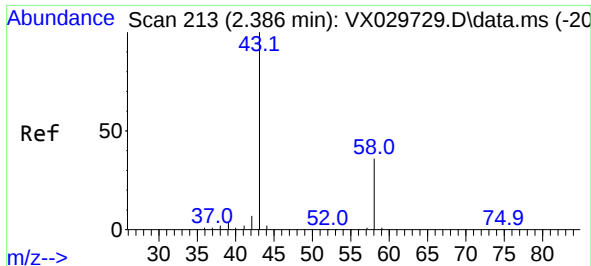
Tgt Ion:142 Resp: 907
Ion Ratio Lower Upper
142 100
127 41.2 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

Tgt Ion: 59 Resp: 1991
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

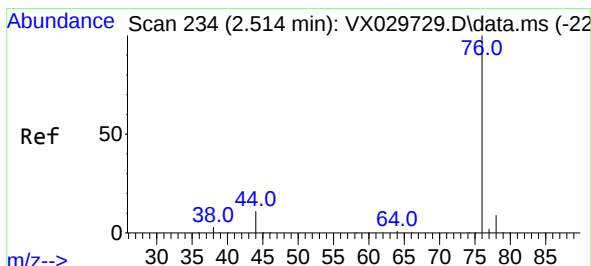
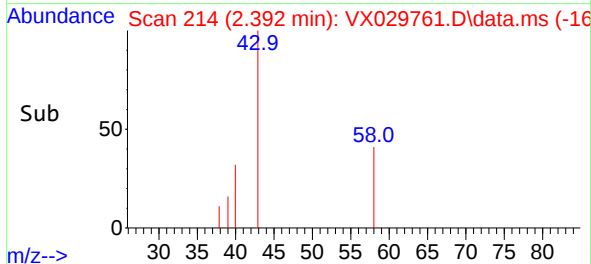
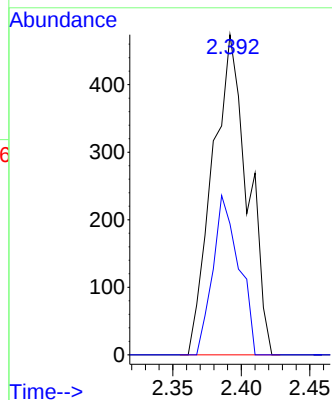
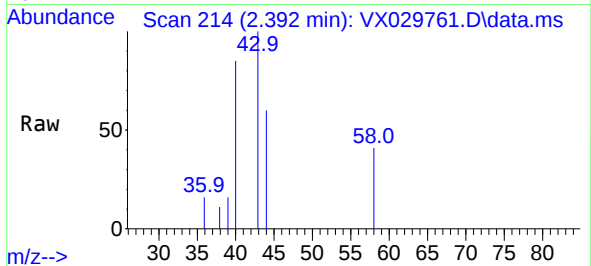




#16
Acetone
Concen: 0.832 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.006 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

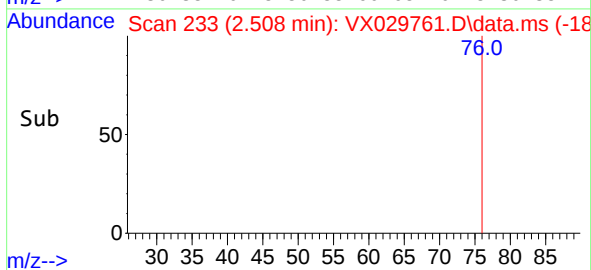
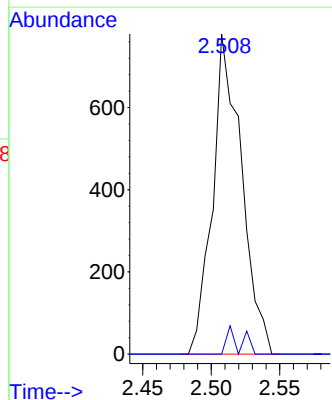
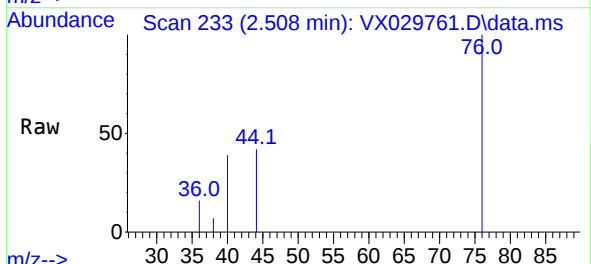
Instrument :
MSVOA_X
ClientSampleId :
VX0624MBL01

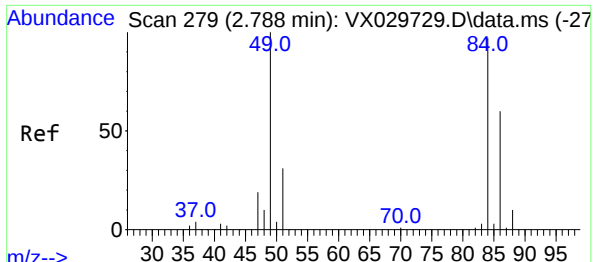
Tgt Ion: 43 Resp: 846
Ion Ratio Lower Upper
43 100
58 40.9 28.8 43.2



#17
Carbon Disulfide
Concen: 0.226 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

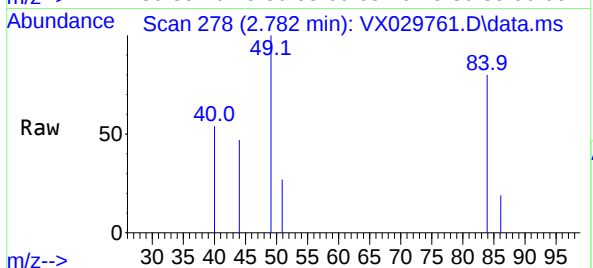
Tgt Ion: 76 Resp: 1145
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#





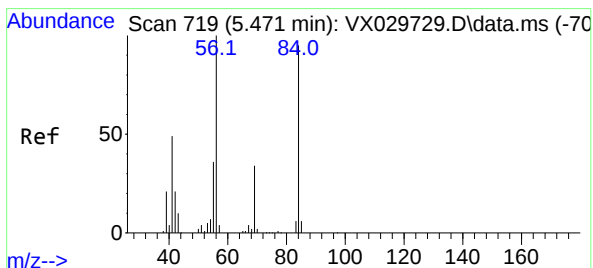
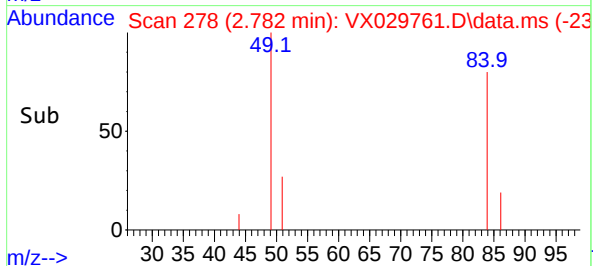
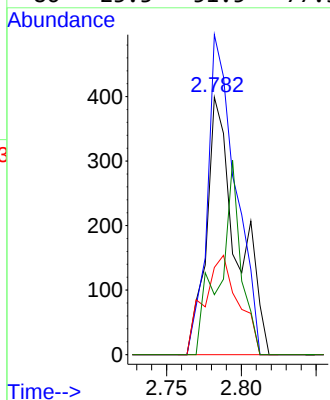
#20
Methylene Chloride
Concen: 0.247 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

Instrument :
MSVOA_X
ClientSampleId :
VX0624MBL01



Tgt Ion: 84 Resp: 560

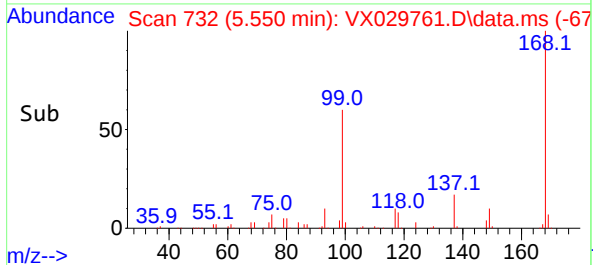
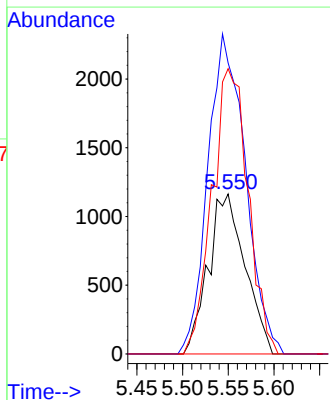
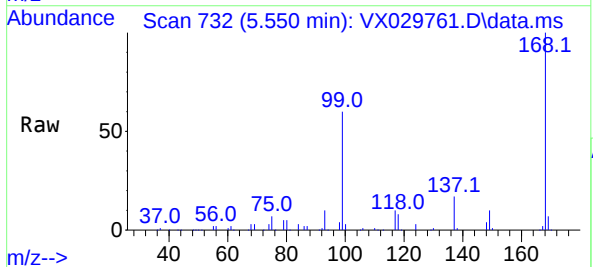
Ion	Ratio	Lower	Upper
84	100		
49	124.3	85.5	128.3
51	33.8	26.6	39.8
86	23.3	51.5	77.3#

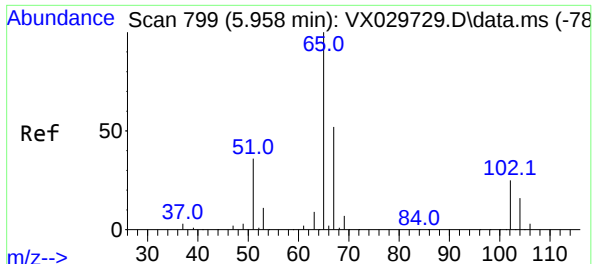


#31
Cyclohexane
Concen: 0.954 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

Tgt Ion: 56 Resp: 3267

Ion	Ratio	Lower	Upper
56	100		
69	181.9	26.7	40.1#
84	178.4	77.2	115.8#

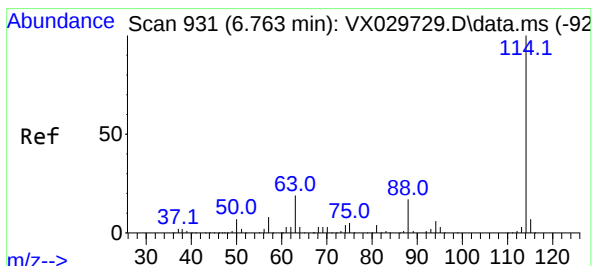
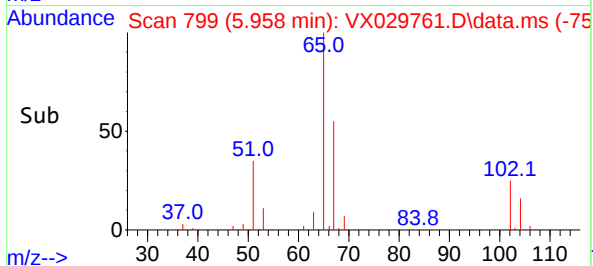
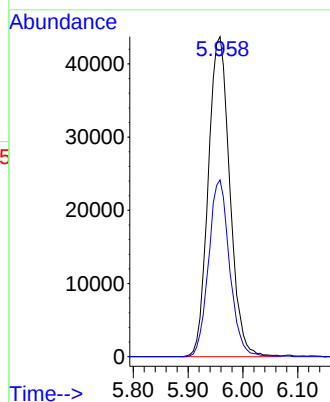
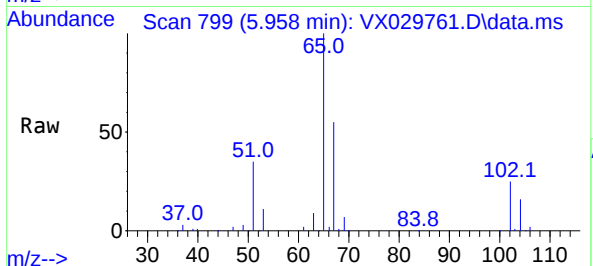




#33
 1,2-Dichloroethane-d4
 Concen: 46.682 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX029761.D
 Acq: 24 Jun 2022 09:32

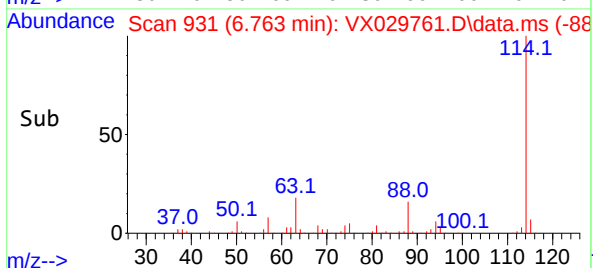
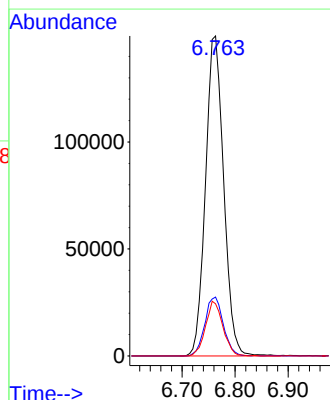
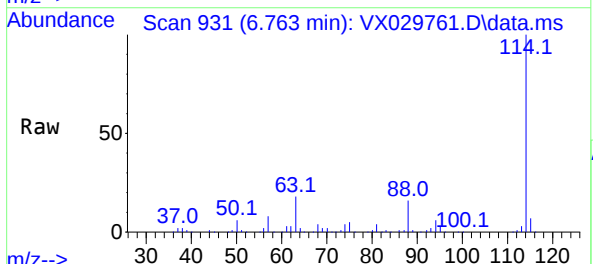
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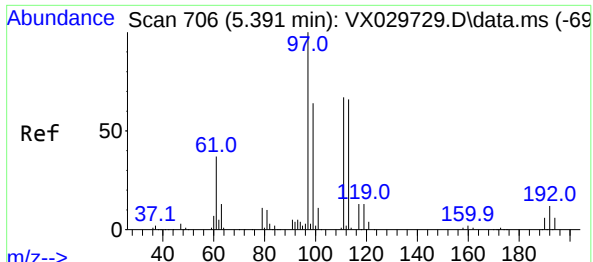
Tgt Ion: 65 Resp: 119036
 Ion Ratio Lower Upper
 65 100
 67 53.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX029761.D
 Acq: 24 Jun 2022 09:32

Tgt Ion: 114 Resp: 355754
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 16.3 0.0 32.4



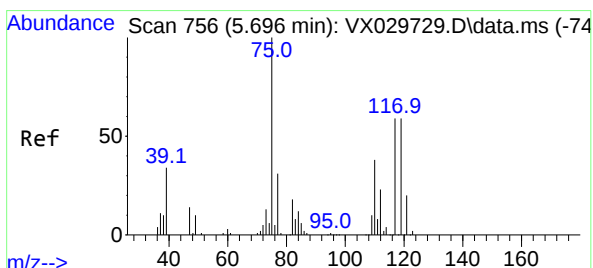
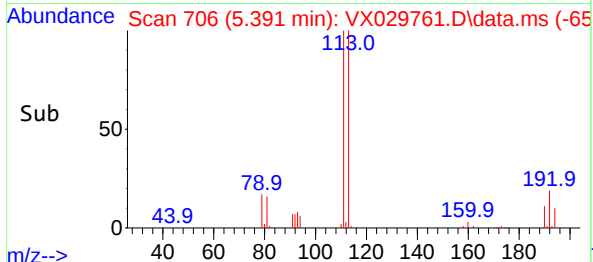
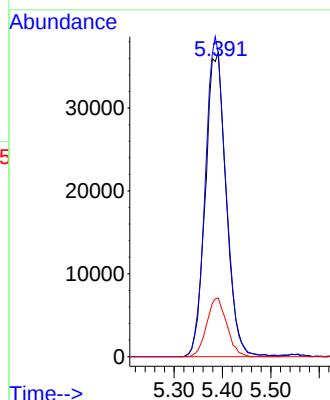
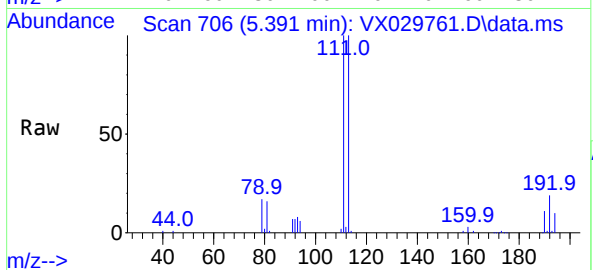


#35
 Dibromofluoromethane
 Concen: 47.269 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX029761.D
 Acq: 24 Jun 2022 09:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624MBL01

Tgt Ion: 113 Resp: 109589

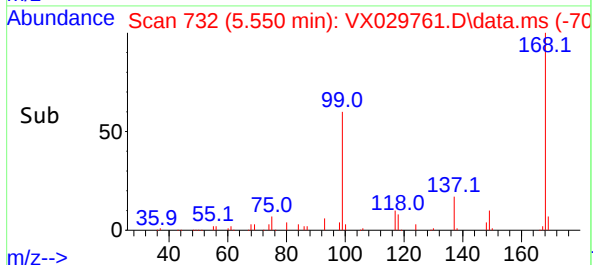
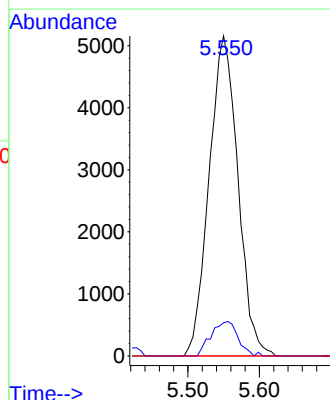
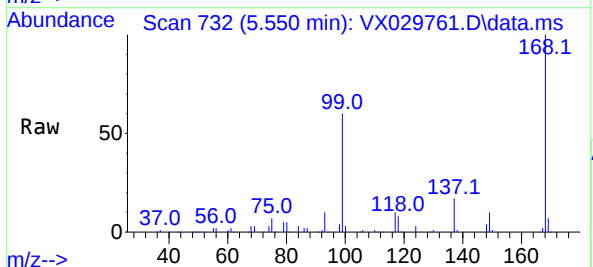
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.8	124.2
192	18.6	16.9	25.3

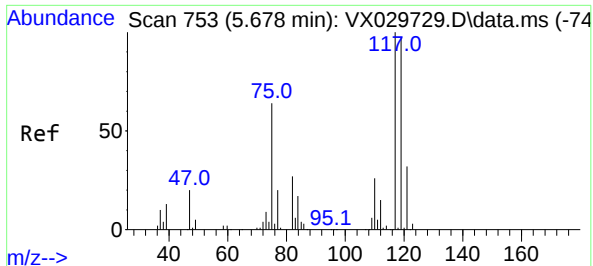


#36
 1,1-Dichloropropene
 Concen: 4.602 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.146 min
 Lab File: VX029761.D
 Acq: 24 Jun 2022 09:32

Tgt Ion: 75 Resp: 14439

Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.3	54.8#
77	0.0	24.8	37.2#

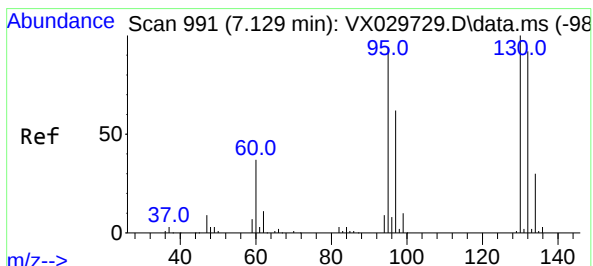
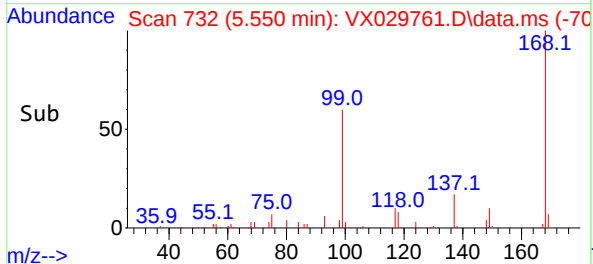
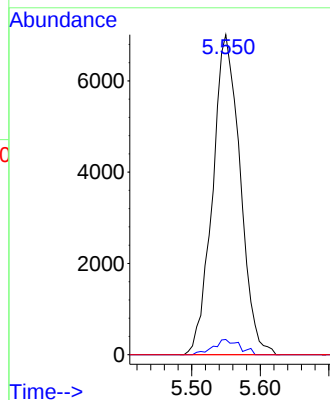
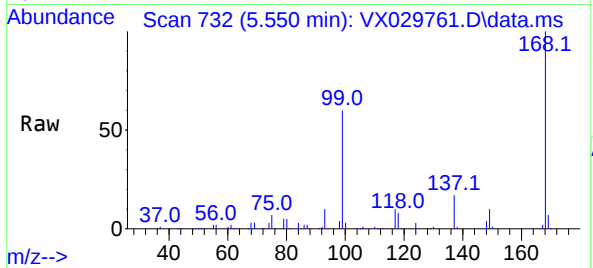




#38
Carbon Tetrachloride
Concen: 6.330 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

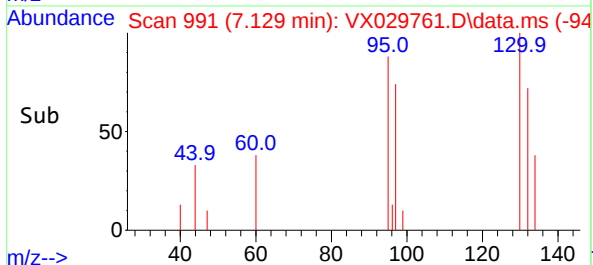
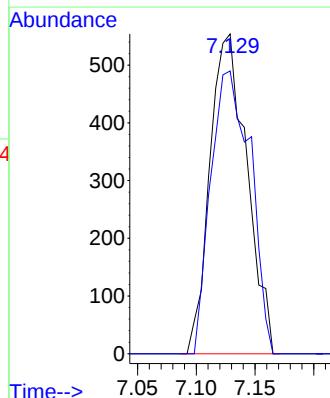
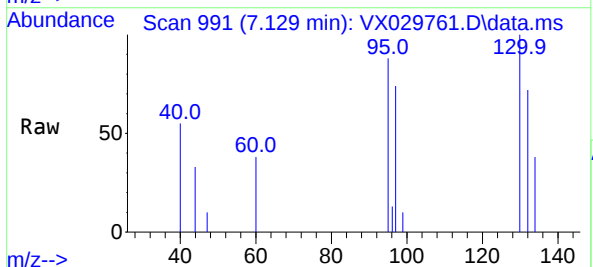
Instrument :
MSVOA_X
ClientSampleId :
VX0624MBL01

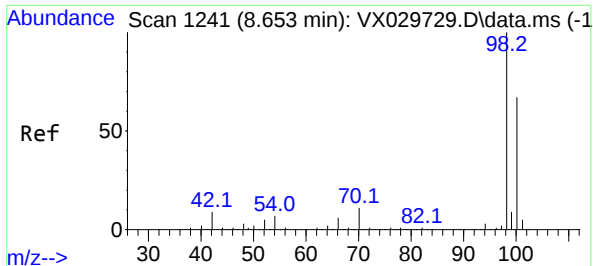
Tgt Ion:117 Resp: 19531
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

Tgt Ion:130 Resp: 1210
Ion Ratio Lower Upper
130 100
95 88.4 0.0 188.8





#50

Toluene-d8

Concen: 48.641 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX029761.D

Acq: 24 Jun 2022 09:32

Instrument :

MSVOA_X

ClientSampleId :

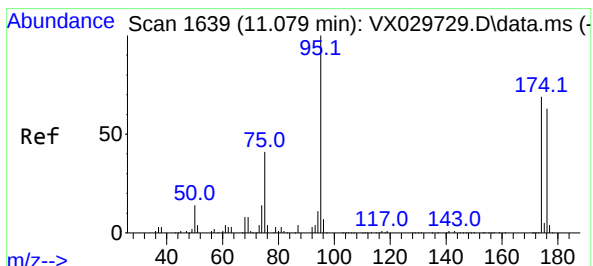
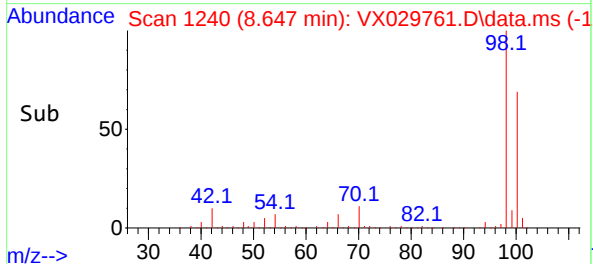
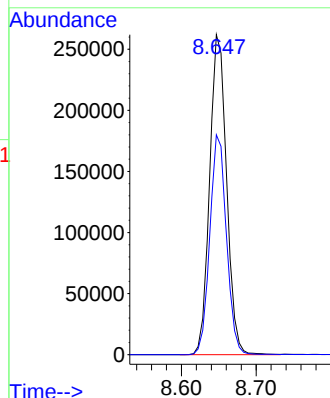
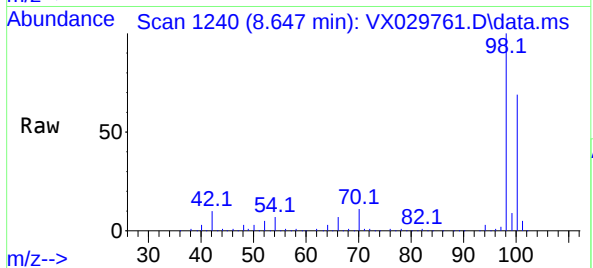
VX0624MBL01

Tgt Ion: 98 Resp: 411964

Ion Ratio Lower Upper

98 100

100 67.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 45.247 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX029761.D

Acq: 24 Jun 2022 09:32

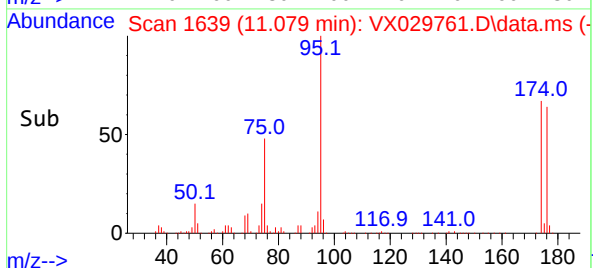
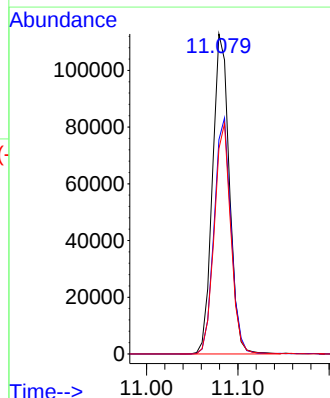
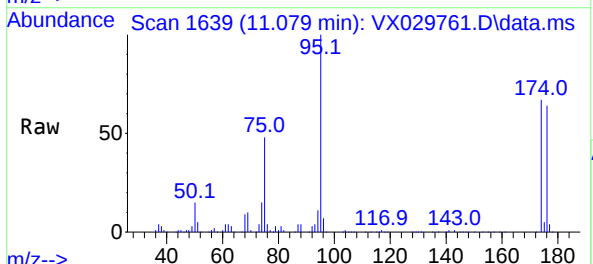
Tgt Ion: 95 Resp: 144518

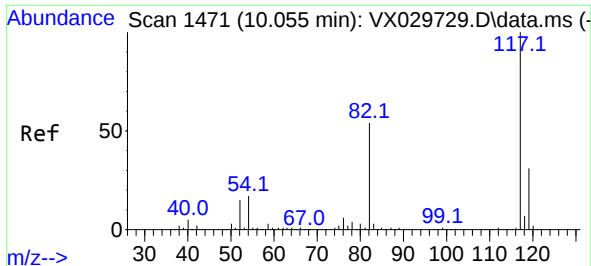
Ion Ratio Lower Upper

95 100

174 73.8 0.0 163.0

176 70.6 0.0 155.0

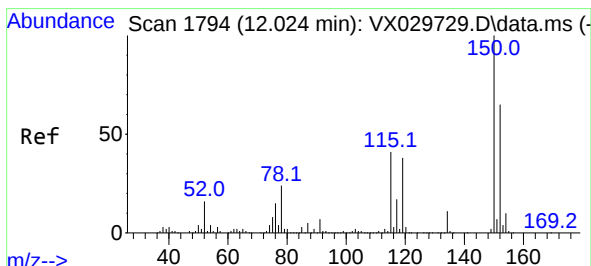
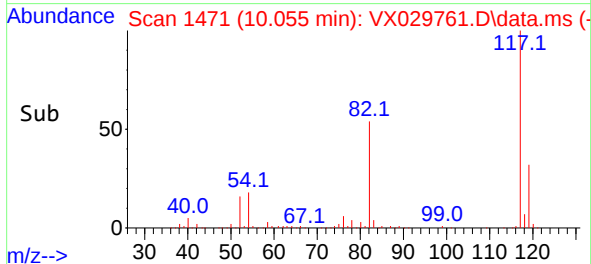
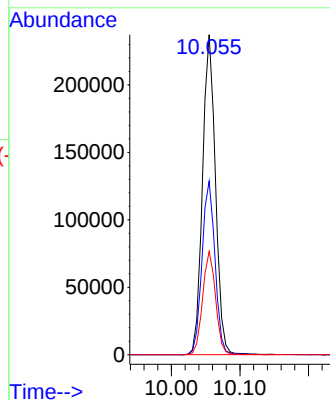
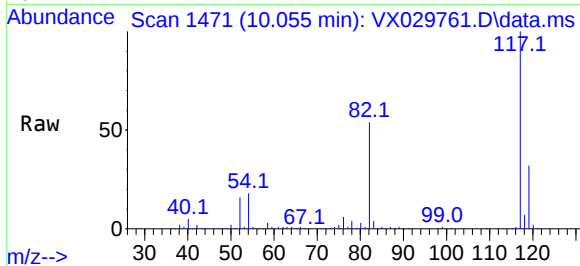




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

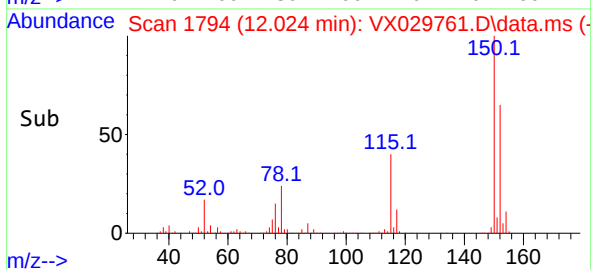
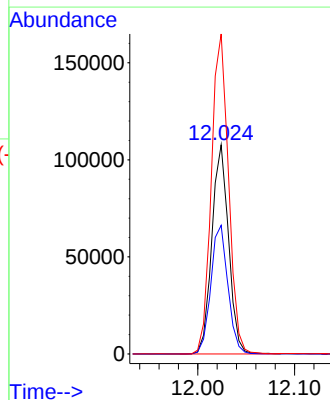
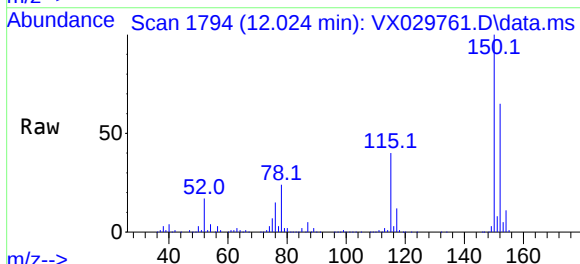
Instrument :
MSVOA_X
ClientSampleId :
VX0624MBL01

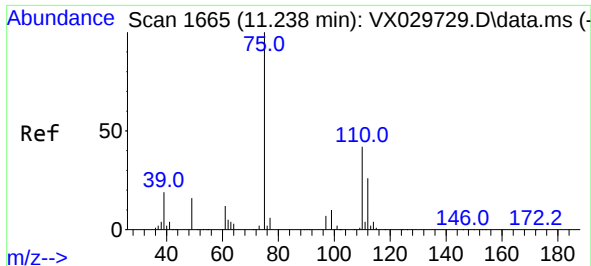
Tgt Ion:117 Resp: 312262
Ion Ratio Lower Upper
117 100
82 54.3 41.8 62.8
119 32.3 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

Tgt Ion:152 Resp: 129593
Ion Ratio Lower Upper
152 100
115 62.8 37.5 112.7
150 157.0 0.0 338.2

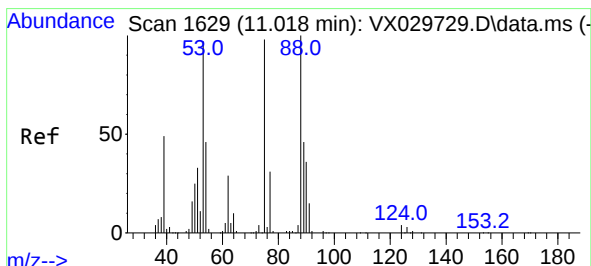
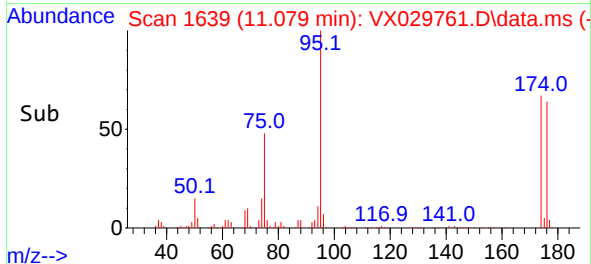
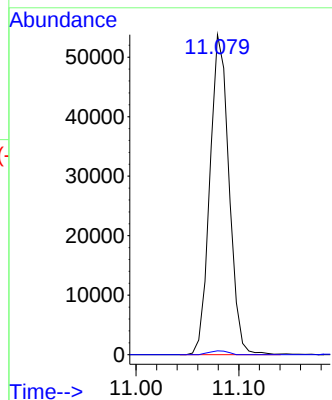
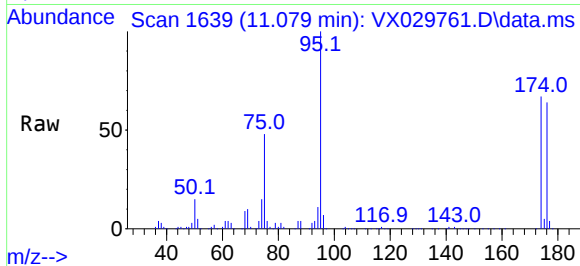




#76
1,2,3-Trichloropropane
Concen: 24.631 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

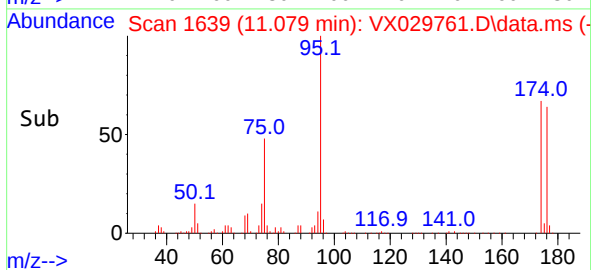
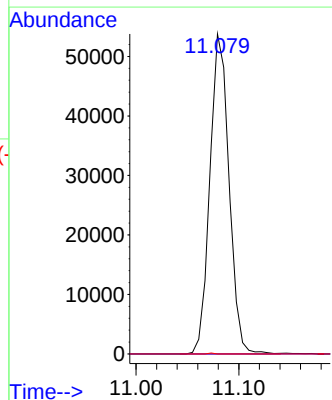
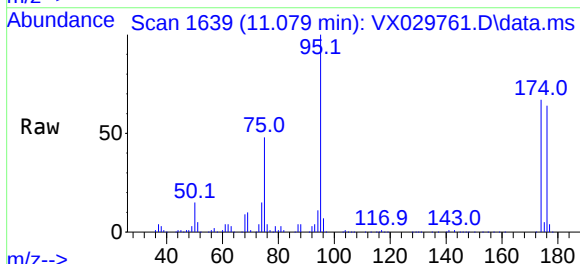
Instrument :
MSVOA_X
ClientSampleId :
VX0624MBL01

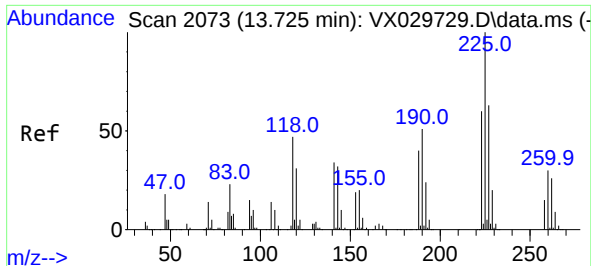
Tgt Ion: 75 Resp: 69539
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.943 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

Tgt Ion: 75 Resp: 69539
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#

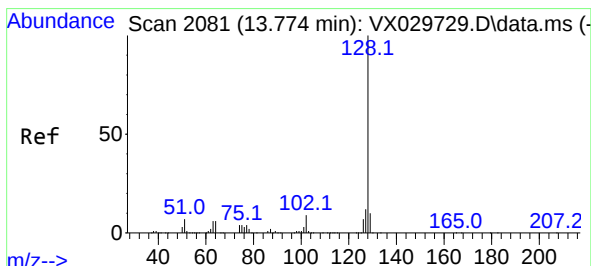
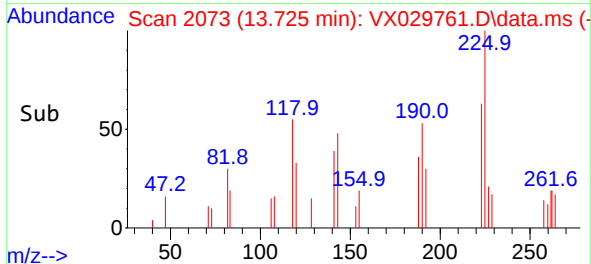
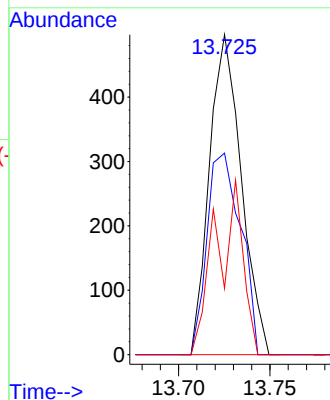
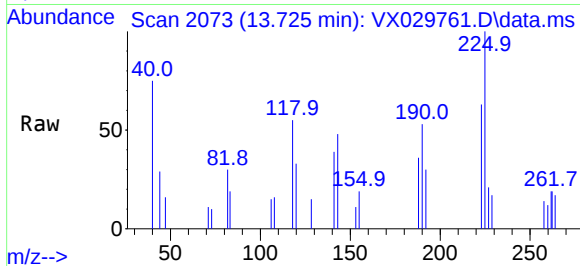




#94
Hexachlorobutadiene
Concen: 0.584 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

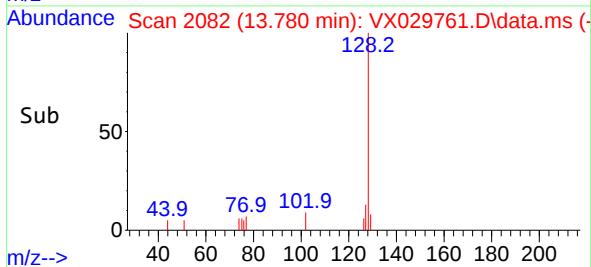
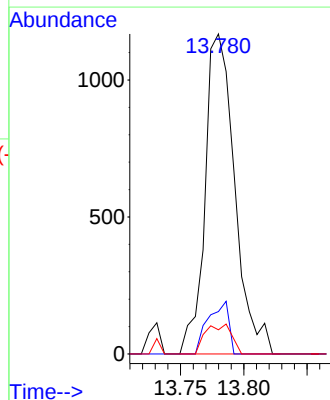
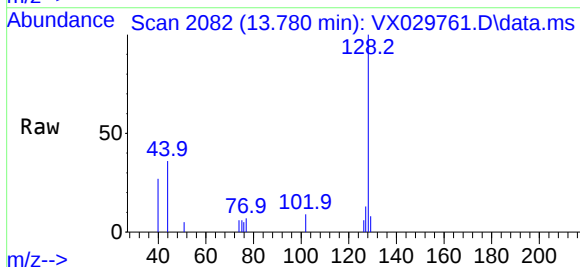
Instrument :
MSVOA_X
ClientSampleId :
VX0624MBL01

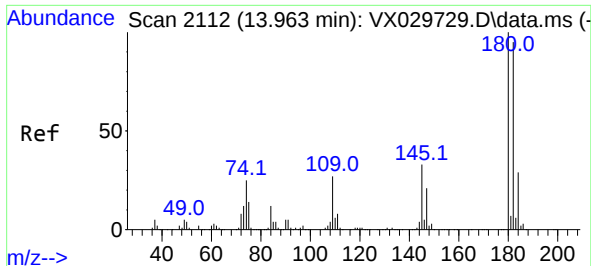
Tgt Ion:	225	Resp:	605
Ion	Ratio	Lower	Upper
225	100		
223	66.6	34.2	102.5
227	46.1	33.9	101.7



#95
Naphthalene
Concen: 0.210 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029761.D
Acq: 24 Jun 2022 09:32

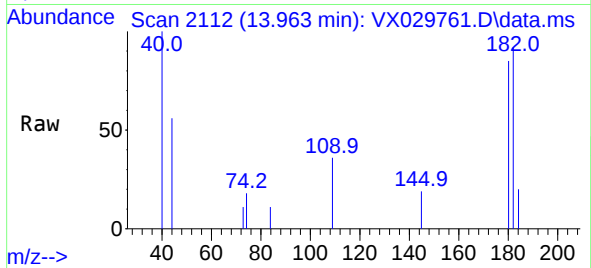
Tgt Ion:	128	Resp:	1909
Ion	Ratio	Lower	Upper
128	100		
127	11.4	10.2	15.4
129	8.1	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.219 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX029761.D
 Acq: 24 Jun 2022 09:32

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624MBL01



Tgt Ion:	180	Resp:	555
Ion	Ratio	Lower	Upper
180	100		
182	108.1	50.0	149.8
145	22.7	16.2	48.5

