

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100424\
 Data File : VX043281.D
 Acq On : 04 Oct 2024 12:09
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Oct 04 23:28:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 02 16:50:57 2024
 Response via : Initial Calibration

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

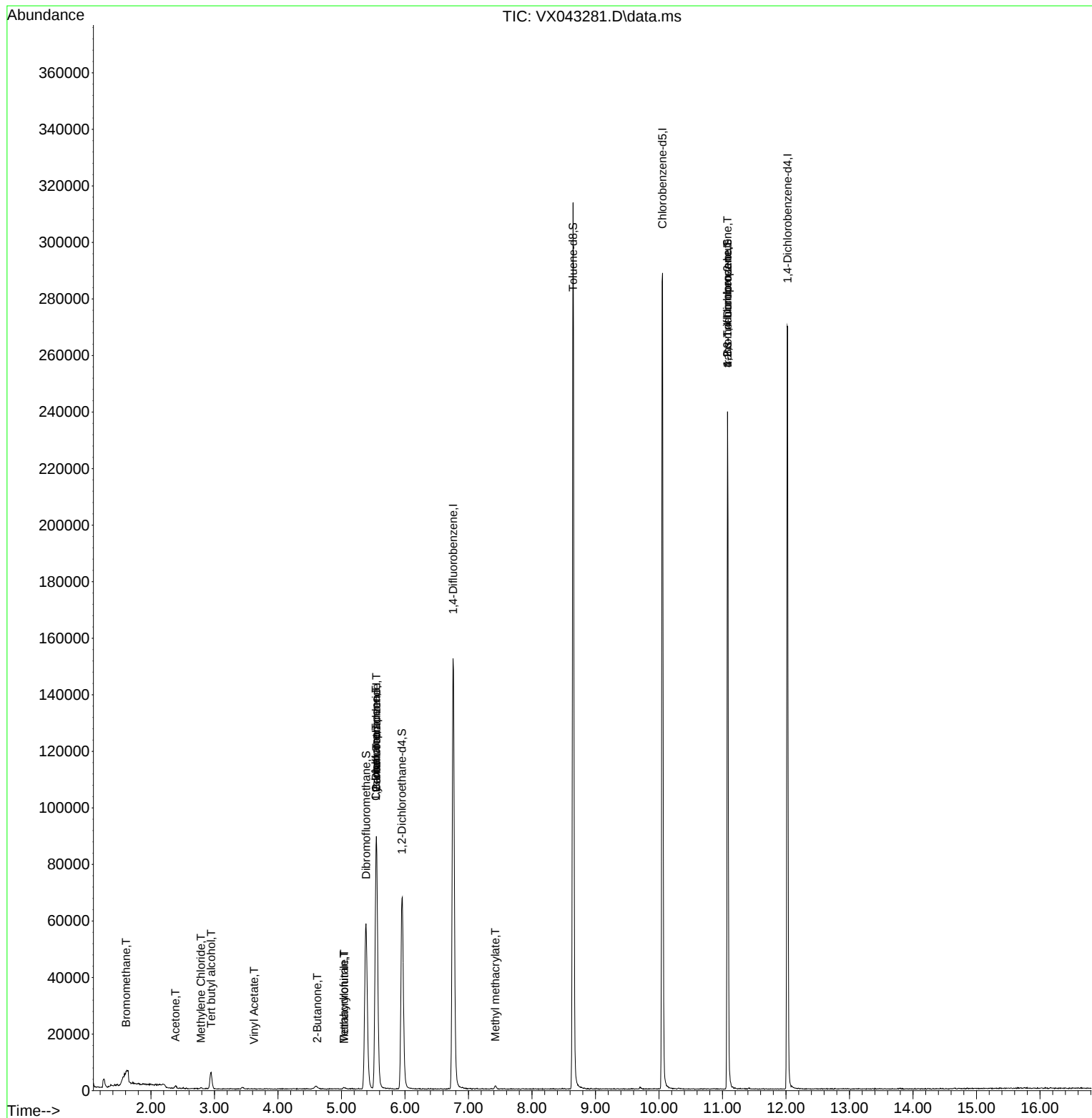
Internal Standards						
1) Pentafluorobenzene	5.550	168	81621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	156222	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	132034	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57078	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71141	53.369	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.740%			
35) Dibromofluoromethane	5.385	113	51102	47.432	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.860%			
50) Toluene-d8	8.647	98	182545	48.893	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.780%			
62) 4-Bromofluorobenzene	11.079	95	65519	48.304	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.600%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	134	0.335	ug/l #	2
11) Tert butyl alcohol	2.947	59	3577	14.101	ug/l #	71
16) Acetone	2.386	43	1039	1.866	ug/l #	87
20) Methylene Chloride	2.788	84	213	0.208	ug/l #	82
23) Vinyl Acetate	3.623	43	19	6.345	ug/l #	71
25) 2-Butanone	4.617	43	278	0.364	ug/l #	49
29) Tetrahydrofuran	5.038	42	398	0.819	ug/l #	64
31) Cyclohexane	5.544	56	2041	1.419	ug/l #	47
36) 1,1-Dichloropropene	5.544	75	7078	5.200	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9190	5.704	ug/l #	15
41) Methacrylonitrile	5.044	41	274	0.322	ug/l #	31
48) Methyl methacrylate	7.421	41	373	0.282	ug/l #	39
76) 1,2,3-Trichloropropane	11.079	75	35594	28.114	ug/l #	33
81) trans-1,4-Dichloro-2-b...	11.079	75	35594	72.862	ug/l #	8

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

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MSVOA_X
ClientSampleId :
IBLK

Quant Time: Oct 04 23:28:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100124W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 02 16:50:57 2024
Response via : Initial Calibration

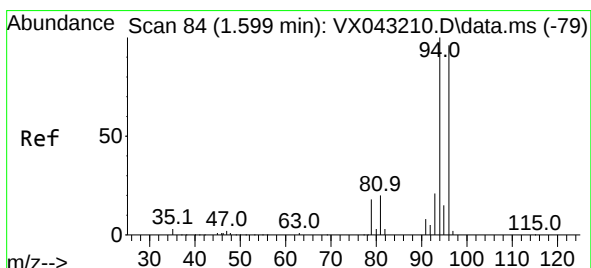
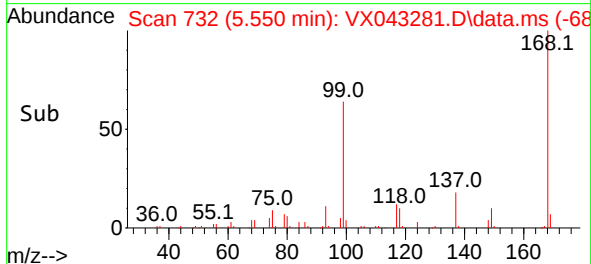
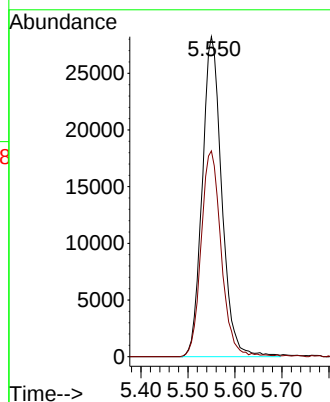
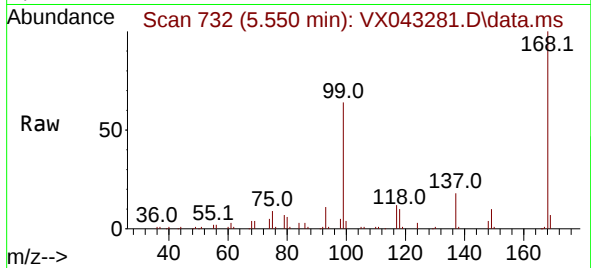




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

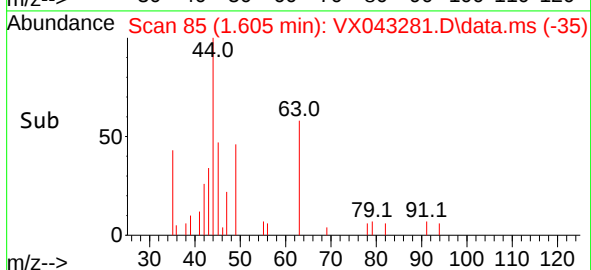
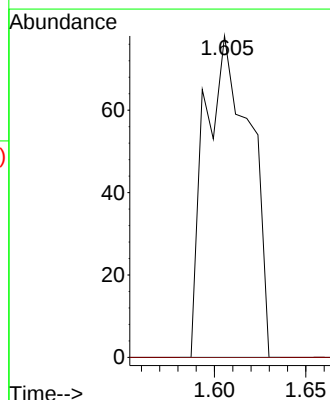
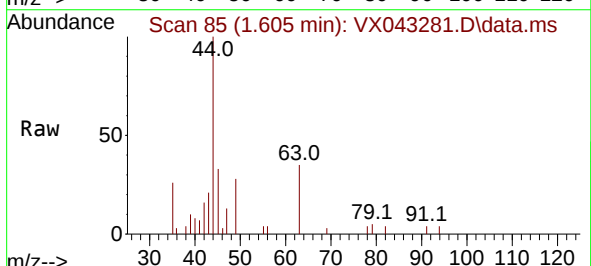
Instrument :
MSVOA_X
ClientSampleId :
IBLK

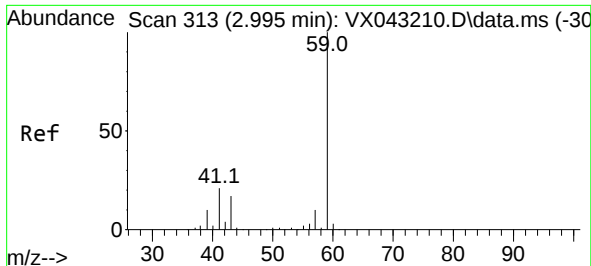
Tgt Ion:168 Resp: 81621
Ion Ratio Lower Upper
168 100
99 64.3 49.7 74.5



#5
Bromomethane
Concen: 0.335 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

Tgt Ion: 94 Resp: 134
Ion Ratio Lower Upper
94 100
96 0.0 76.6 115.0#

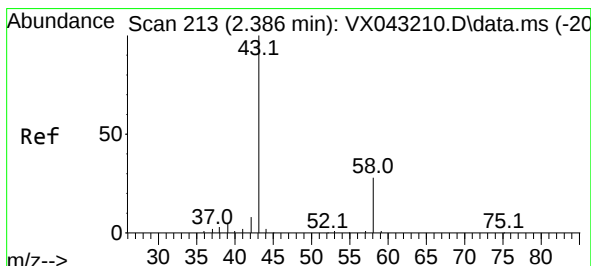
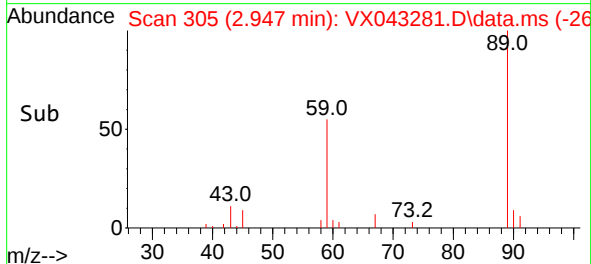
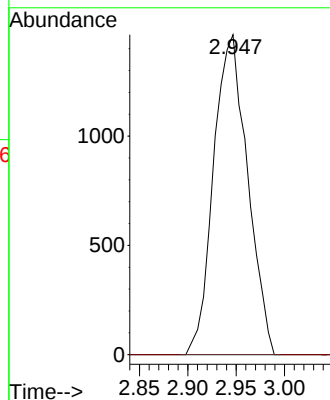
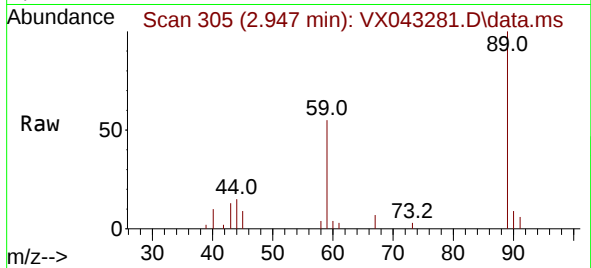




#11
Tert butyl alcohol
Concen: 14.101 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

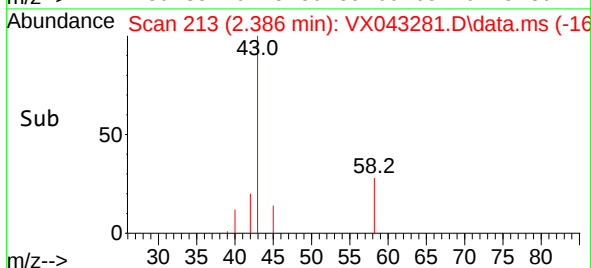
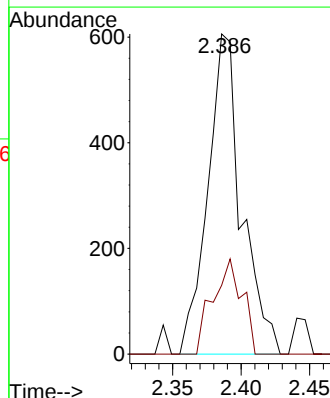
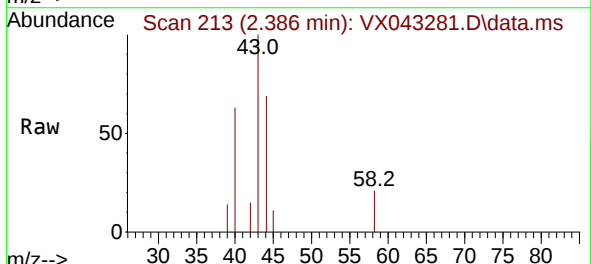
Instrument :
MSVOA_X
ClientSampleId :
IBLK

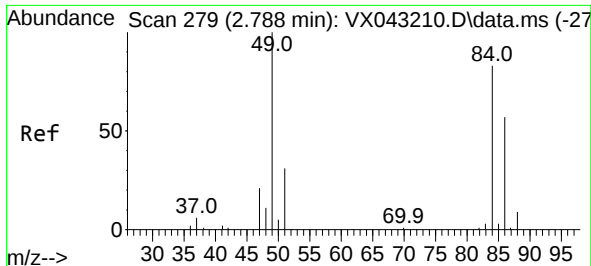
Tgt Ion: 59 Resp: 3577
Ion Ratio Lower Upper
59 100
57 0.0 8.6 13.0#



#16
Acetone
Concen: 1.866 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

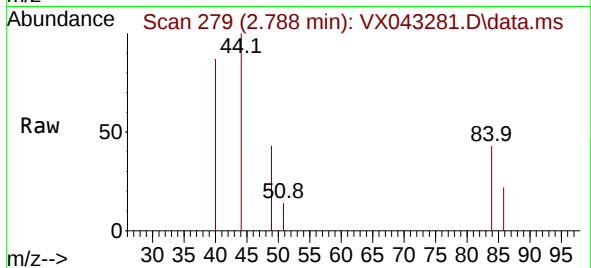
Tgt Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
58 21.5 22.6 33.8#



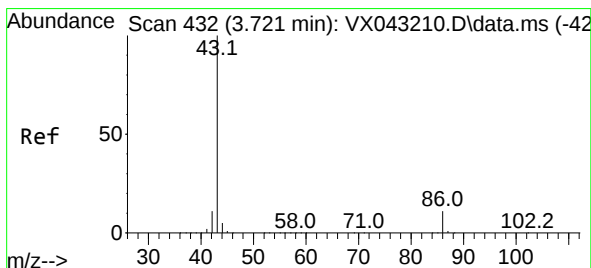
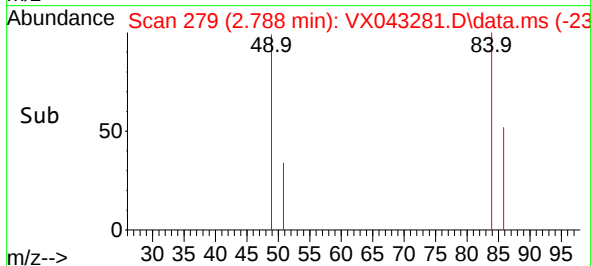
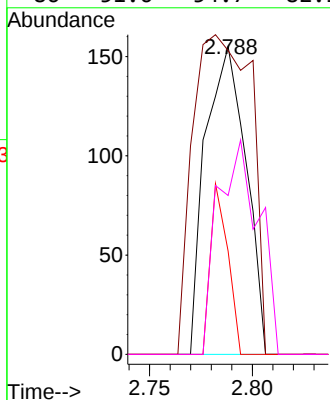


#20
Methylene Chloride
Concen: 0.208 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :
IBLK

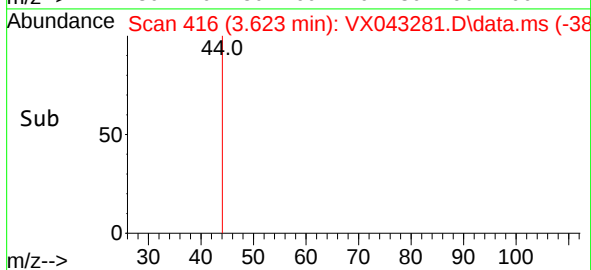
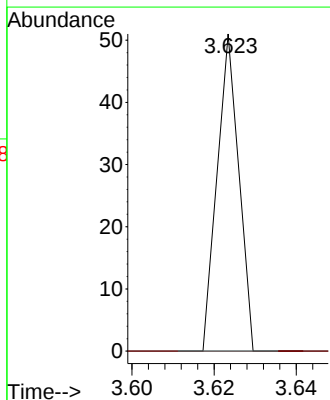
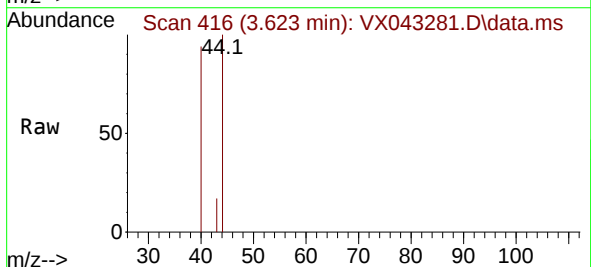


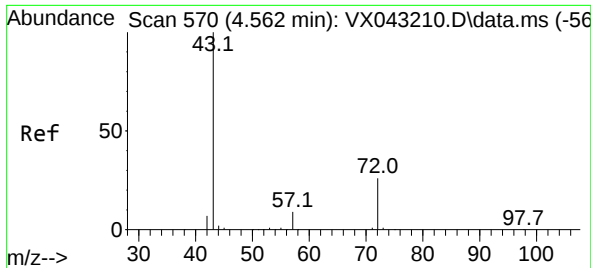
Tgt Ion:	84	Resp:	213
Ion	Ratio	Lower	Upper
84	100		
49	98.7	96.7	145.1
51	33.5	30.4	45.6
86	51.6	54.7	82.1#



#23
Vinyl Acetate
Concen: 6.345 ug/l
RT: 3.623 min Scan# 416
Delta R.T. -0.098 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

Tgt Ion:	43	Resp:	19
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.8	13.2#

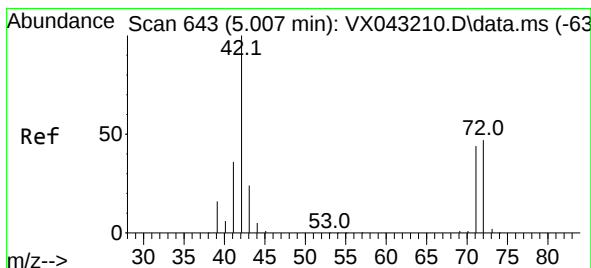
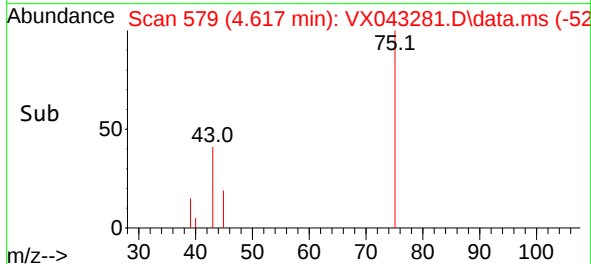
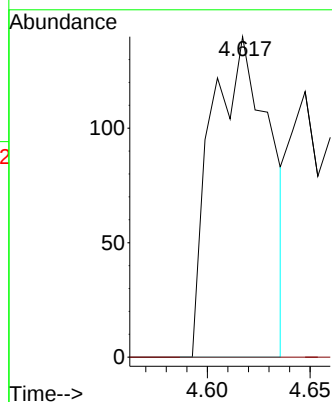
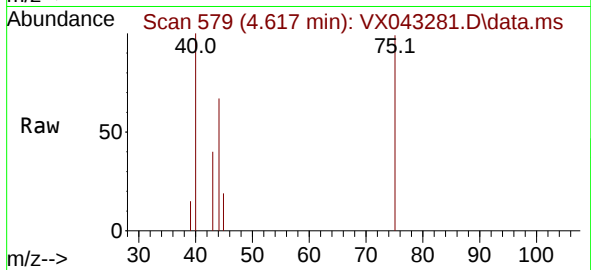




#25
2-Butanone
Concen: 0.364 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

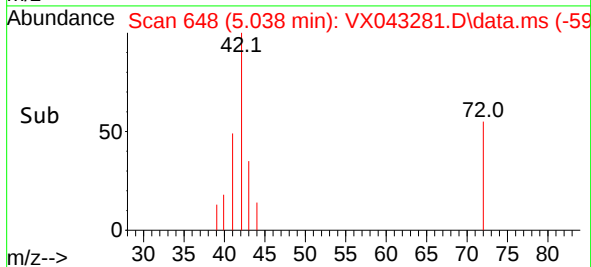
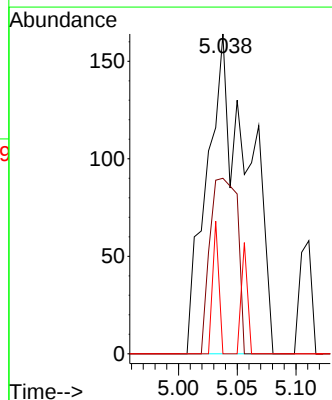
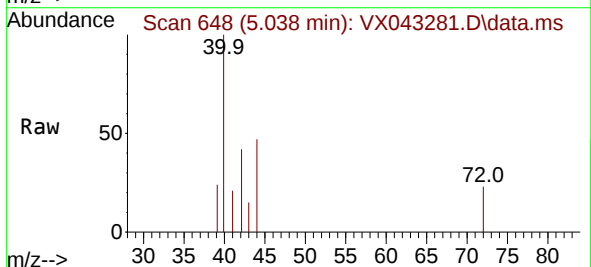
Instrument :
MSVOA_X
ClientSampleId :
IBLK

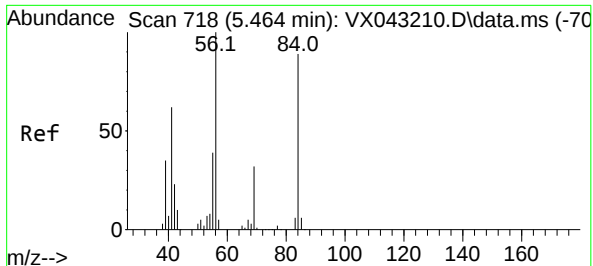
Tgt Ion: 43 Resp: 278
Ion Ratio Lower Upper
43 100
72 0.0 20.6 31.0#



#29
Tetrahydrofuran
Concen: 0.819 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.031 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

Tgt Ion: 42 Resp: 398
Ion Ratio Lower Upper
42 100
72 36.7 37.7 56.5#
71 6.3 34.6 52.0#

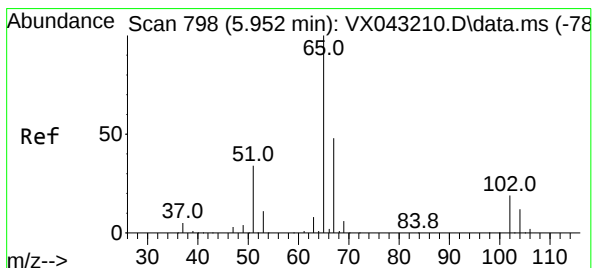
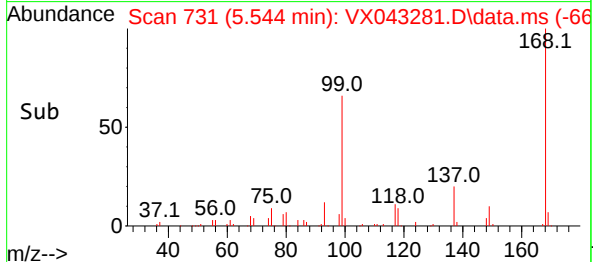
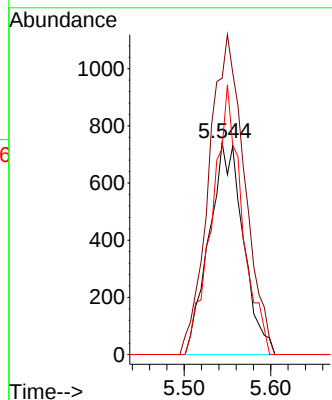
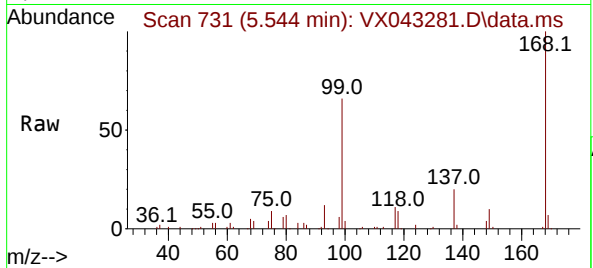




#31
Cyclohexane
Concen: 1.419 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

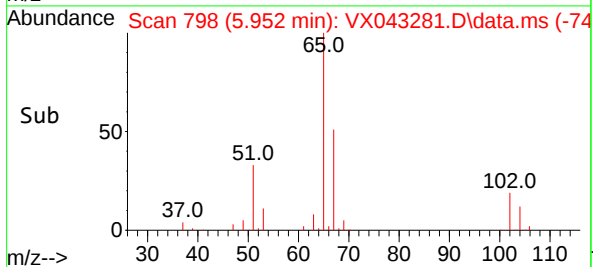
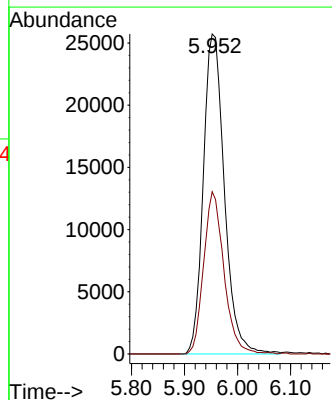
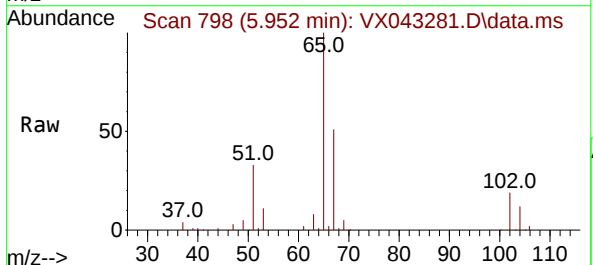
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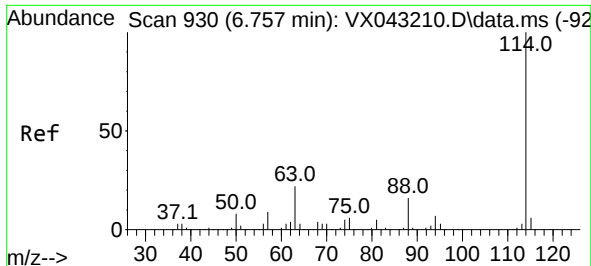
Tgt Ion: 56 Resp: 2041
Ion Ratio Lower Upper
56 100
69 130.5 25.8 38.6#
84 97.3 71.1 106.7



#33
1,2-Dichloroethane-d4
Concen: 53.369 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

Tgt Ion: 65 Resp: 71141
Ion Ratio Lower Upper
65 100
67 48.8 0.0 99.0

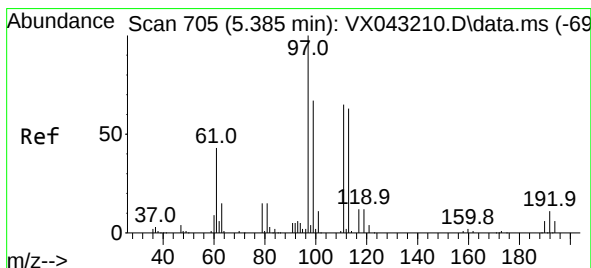
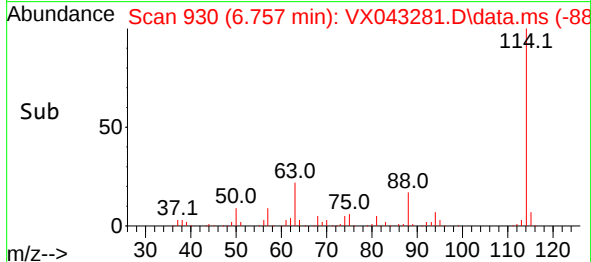
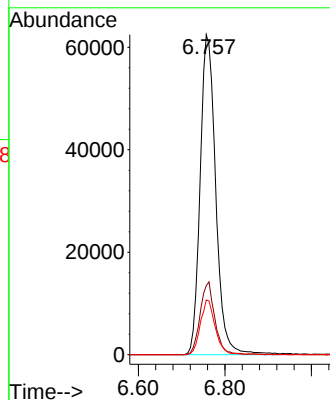
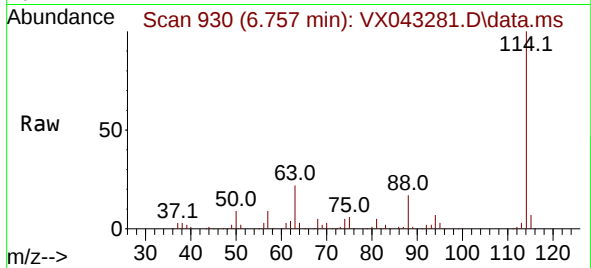




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

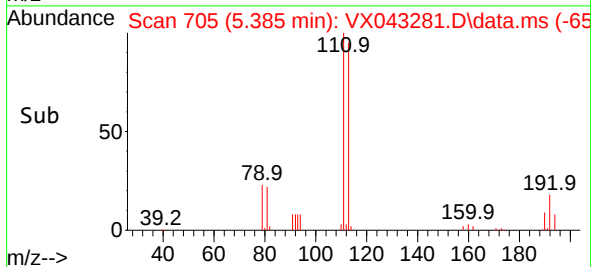
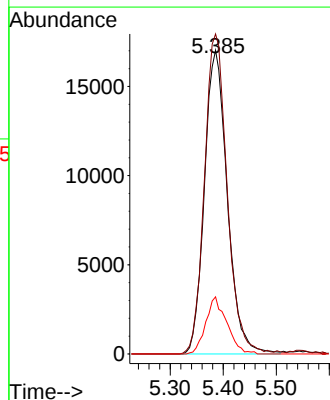
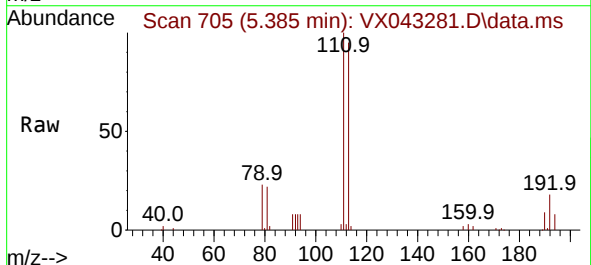
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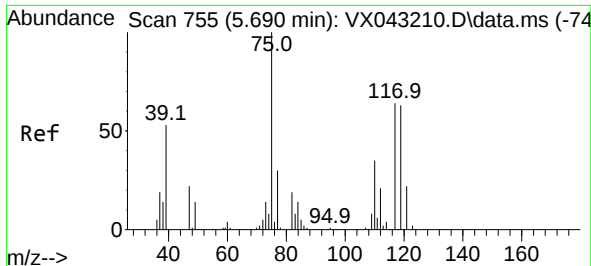
Tgt Ion:114 Resp: 156222
Ion Ratio Lower Upper
114 100
63 21.6 0.0 43.0
88 17.1 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.432 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

Tgt Ion:113 Resp: 51102
Ion Ratio Lower Upper
113 100
111 104.4 83.4 125.0
192 17.3 14.1 21.1

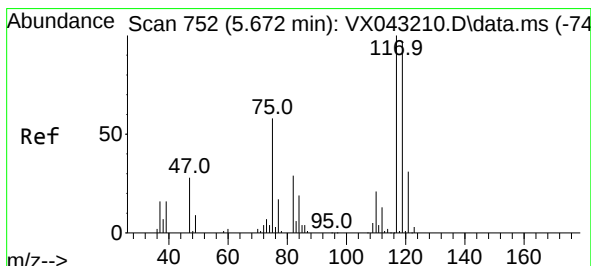
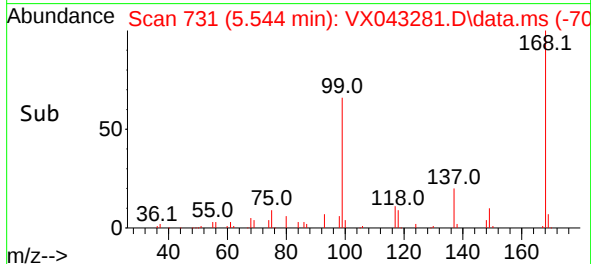
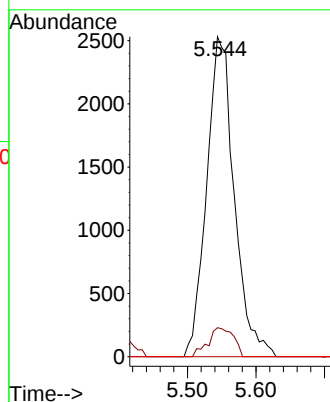
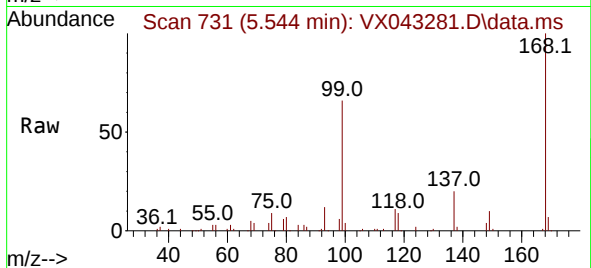




#36
1,1-Dichloropropene
Concen: 5.200 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

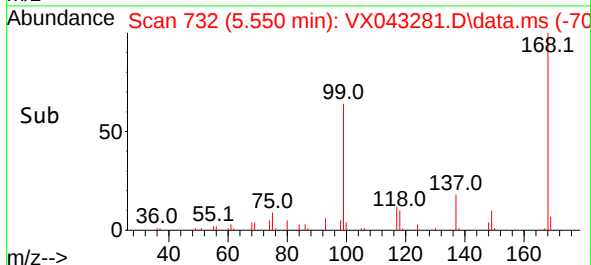
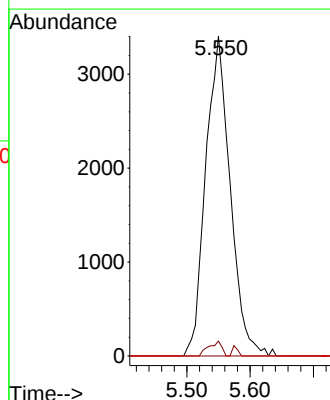
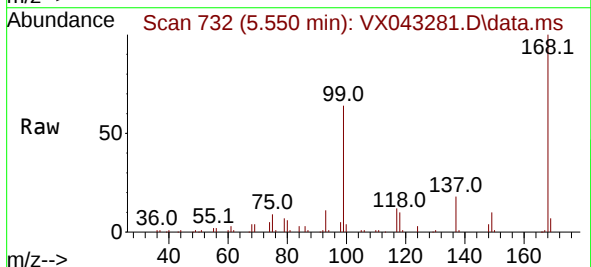
Instrument :
MSVOA_X
ClientSampleId :
IBLK

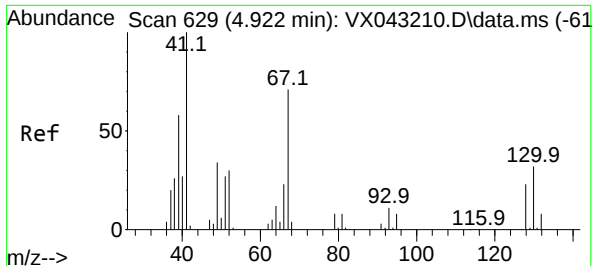
Tgt Ion: 75 Resp: 7078
Ion Ratio Lower Upper
75 100
110 8.3 17.8 53.3#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 5.704 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

Tgt Ion: 117 Resp: 9190
Ion Ratio Lower Upper
117 100
119 4.7 77.7 116.5#
121 0.0 24.3 36.5#

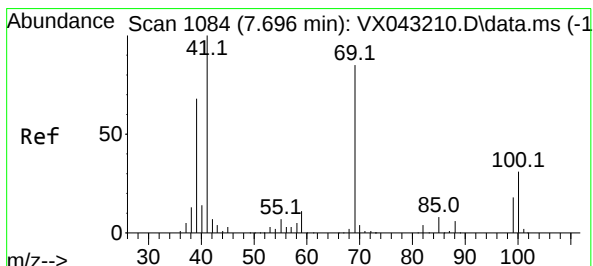
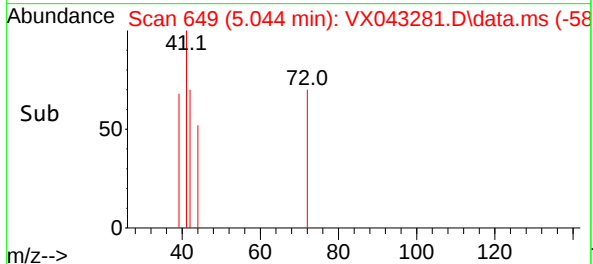
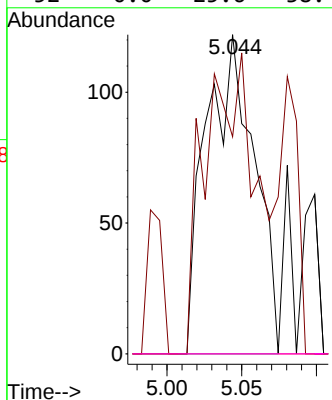
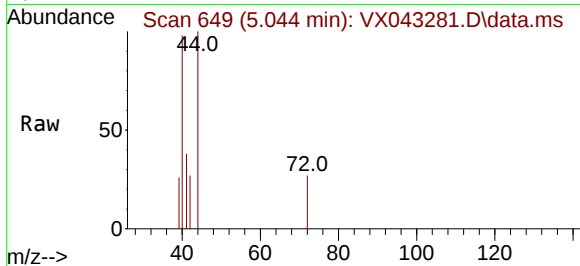




#41
Methacrylonitrile
Concen: 0.322 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.122 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

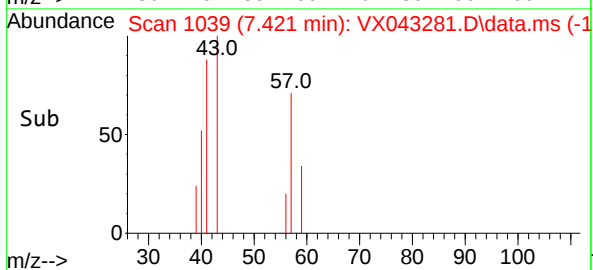
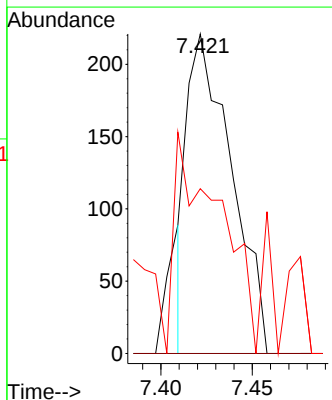
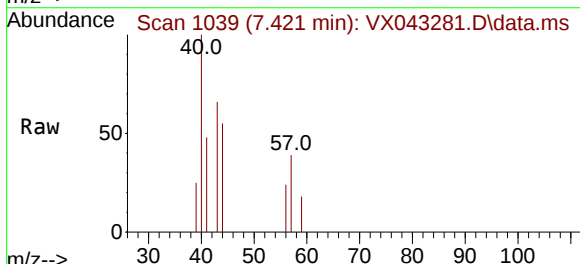
Instrument :
MSVOA_X
ClientSampleId :
IBLK

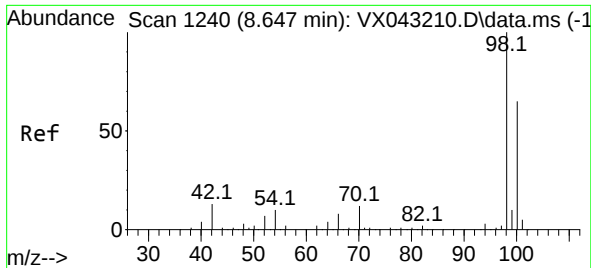
Tgt Ion: 41	Resp:	274
Ion	Ratio	Lower Upper
41	100	
39	97.1	45.0 67.4#
67	0.0	56.0 84.0#
52	0.0	25.6 38.4#



#48
Methyl methacrylate
Concen: 0.282 ug/l
RT: 7.421 min Scan# 1039
Delta R.T. -0.274 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

Tgt Ion: 41	Resp:	373
Ion	Ratio	Lower Upper
41	100	
69	0.0	64.1 96.1#
39	46.4	52.8 79.2#

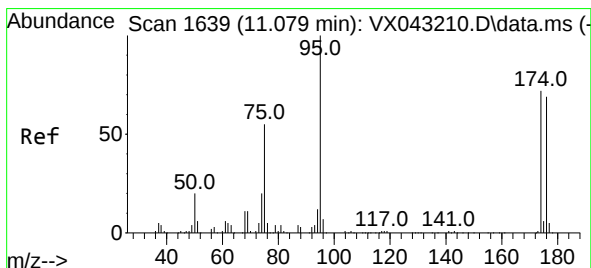
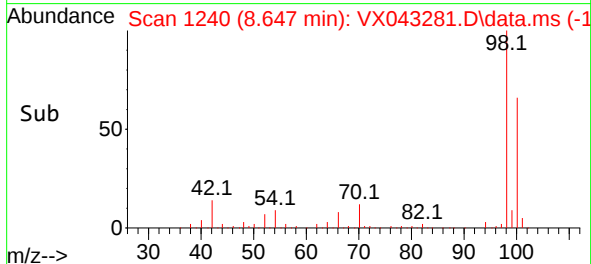
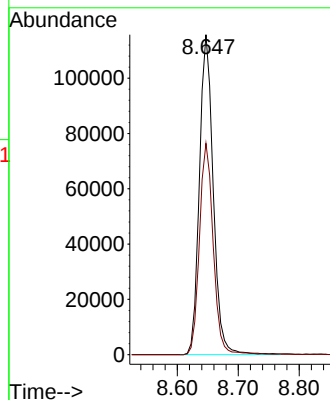
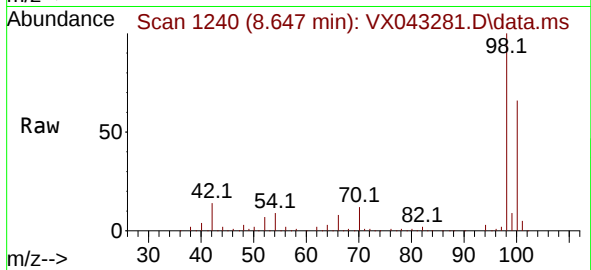




#50
Toluene-d8
Concen: 48.893 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

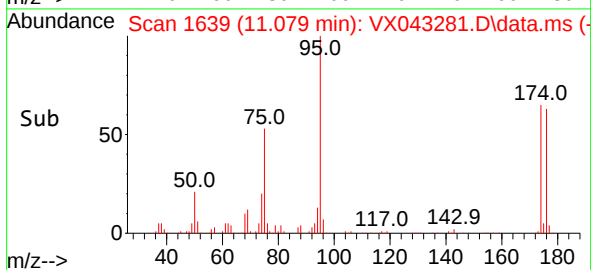
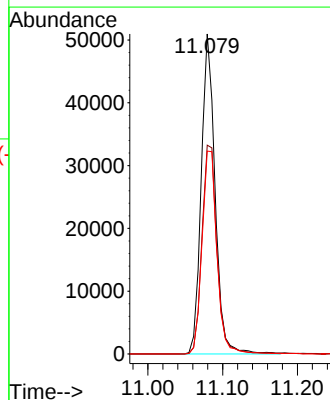
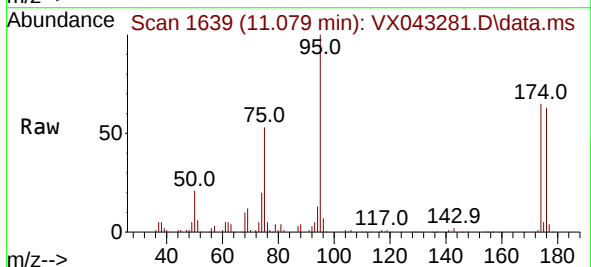
Instrument :
MSVOA_X
ClientSampleId :
IBLK

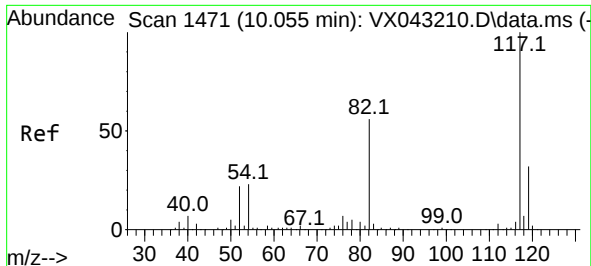
Tgt Ion: 98 Resp: 182545
Ion Ratio Lower Upper
98 100
100 65.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 48.304 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

Tgt Ion: 95 Resp: 65519
Ion Ratio Lower Upper
95 100
174 70.4 0.0 145.0
176 68.5 0.0 143.0

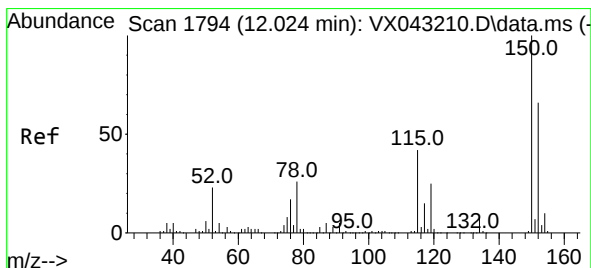
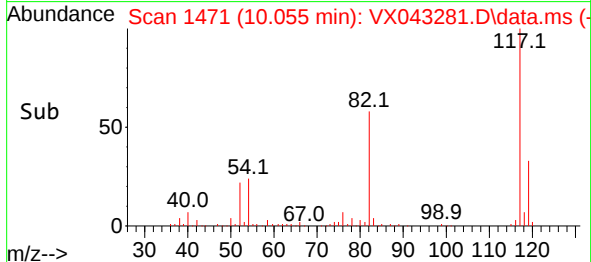
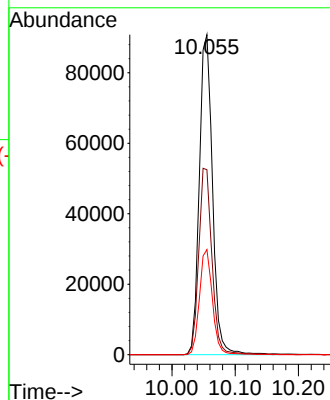
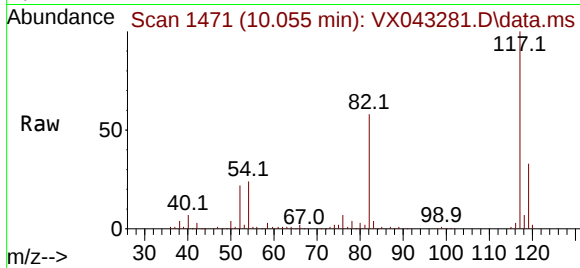




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

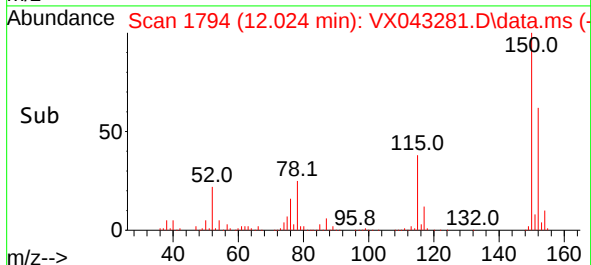
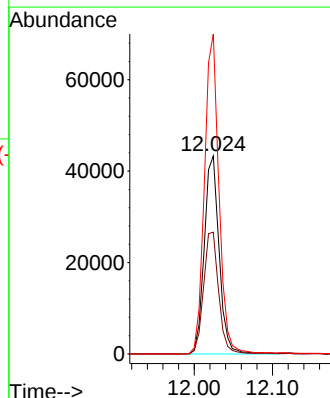
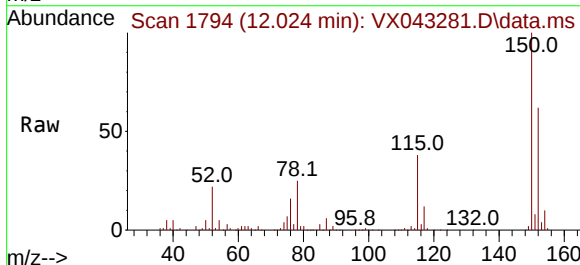
Instrument :
MSVOA_X
ClientSampleId :
IBLK

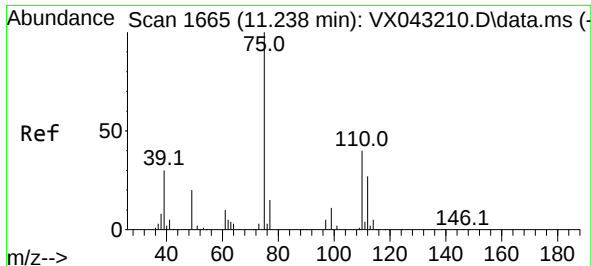
Tgt Ion:117 Resp: 132034
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.6
119 32.8 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

Tgt Ion:152 Resp: 57078
Ion Ratio Lower Upper
152 100
115 62.0 44.1 132.3
150 157.9 0.0 347.4

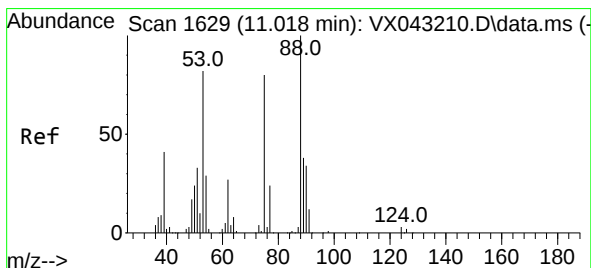
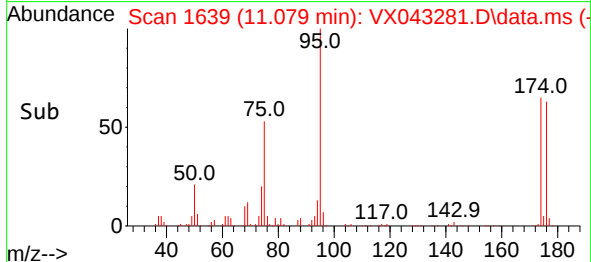
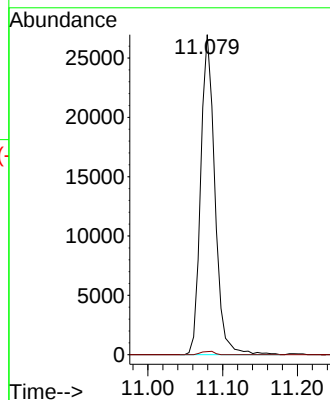
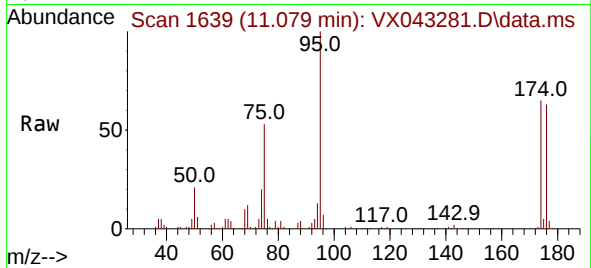




#76
1,2,3-Trichloropropane
Concen: 28.114 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 35594
Ion Ratio Lower Upper
75 100
77 1.0 22.0 66.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.862 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX043281.D
Acq: 04 Oct 2024 12:09

Tgt Ion: 75 Resp: 35594
Ion Ratio Lower Upper
75 100
53 0.0 83.9 125.9#
89 0.0 38.6 58.0#

