

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044834.D
 Acq On : 05 Feb 2025 10:18
 Operator : JC/MD
 Sample : VX0205MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 06 04:35:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

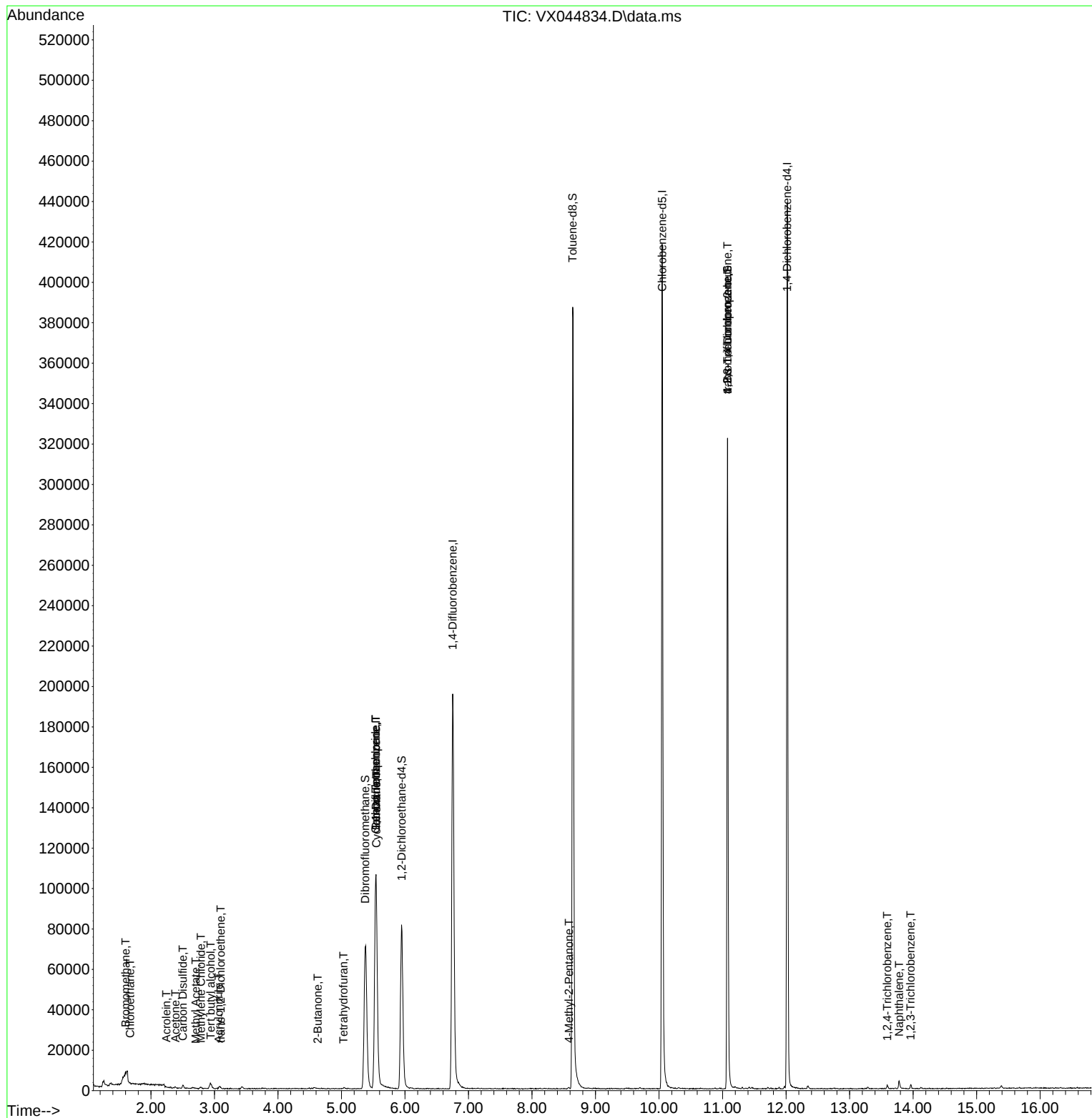
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.544	168	103659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	209897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	192684	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85832	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	74077	47.344	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.680%
35) Dibromofluoromethane	5.373	113	65050	48.783	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.560%
50) Toluene-d8	8.641	98	248332	53.411	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.820%
62) 4-Bromofluorobenzene	11.079	95	88623	51.131	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.260%
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	120	0.337	ug/l	93
6) Chloroethane	1.672	64	91	0.333	ug/l #	41
11) Tert butyl alcohol	2.940	59	1747	5.008	ug/l #	85
13) Acrolein	2.239	56	205	1.249	ug/l #	37
15) Acrylonitrile	3.069	53	566	0.827	ug/l #	86
16) Acetone	2.386	43	736	1.189	ug/l #	86
17) Carbon Disulfide	2.502	76	2088	0.630	ug/l	99
18) Methyl Acetate	2.703	43	464	0.243	ug/l #	50
20) Methylene Chloride	2.788	84	304	0.211	ug/l #	84
21) trans-1,2-Dichloroethene	3.099	96	315	0.249	ug/l #	59
25) 2-Butanone	4.623	43	217	0.236	ug/l #	48
29) Tetrahydrofuran	5.032	42	153	0.258	ug/l #	52
31) Cyclohexane	5.550	56	2523	1.281	ug/l #	9
36) 1,1-Dichloropropene	5.544	75	8784	4.732	ug/l #	49
38) Carbon Tetrachloride	5.538	117	11044	5.290	ug/l #	14
51) 4-Methyl-2-Pentanone	8.580	43	406	0.202	ug/l	88
76) 1,2,3-Trichloropropane	11.079	75	44663	21.441	ug/l #	32
81) trans-1,4-Dichloro-2-b...	11.079	75	44663	49.034	ug/l #	12
93) 1,2,4-Trichlorobenzene	13.591	180	656	0.376	ug/l	90
95) Naphthalene	13.780	128	3724	0.553	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.963	180	659	0.364	ug/l	82

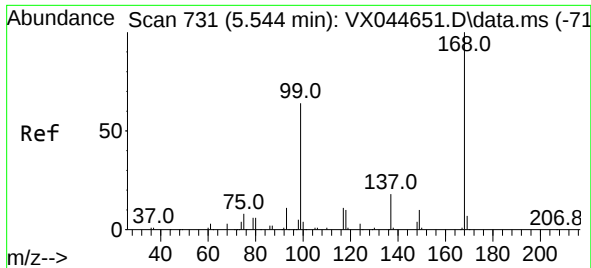
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 06 04:35:25 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 16 01:16:09 2025
Response via : Initial Calibration

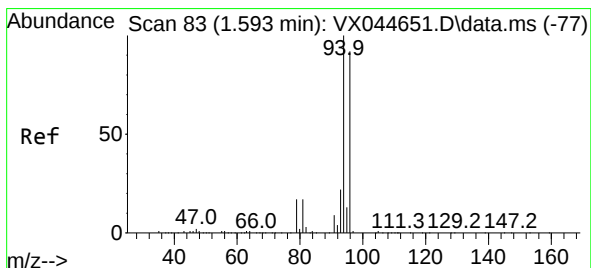
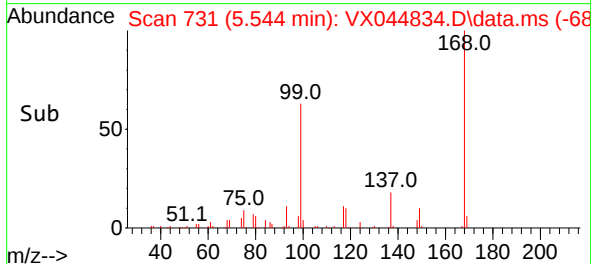
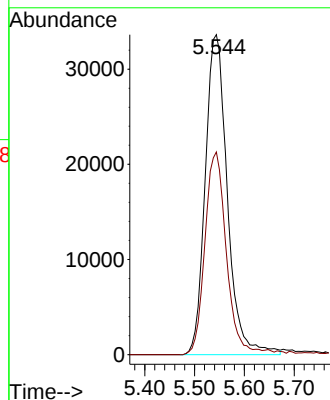
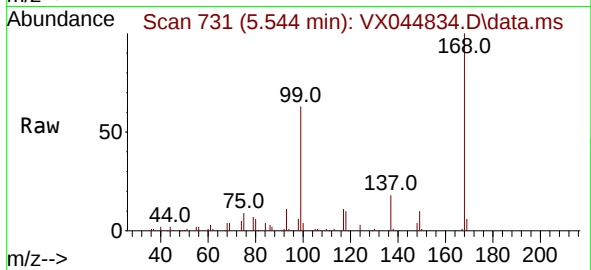




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

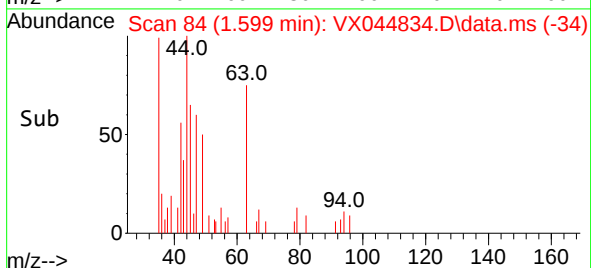
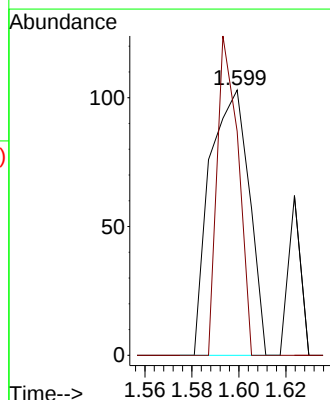
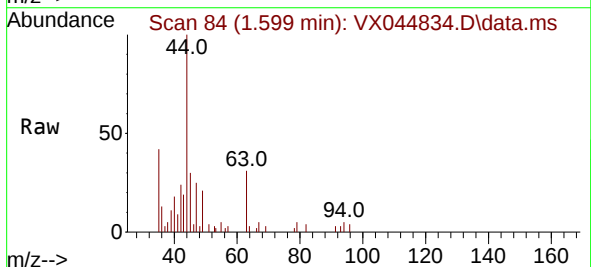
Instrument :
MSVOA_X
ClientSampleId :

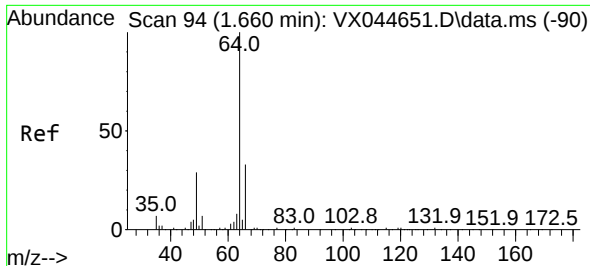
Tgt Ion:168 Resp: 103659
Ion Ratio Lower Upper
168 100
99 63.4 51.1 76.7



#5
Bromomethane
Concen: 0.337 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

Tgt Ion: 94 Resp: 120
Ion Ratio Lower Upper
94 100
96 84.5 72.8 109.2

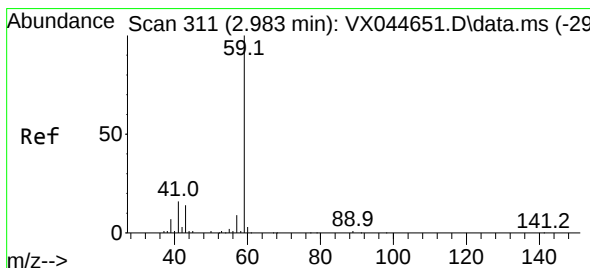
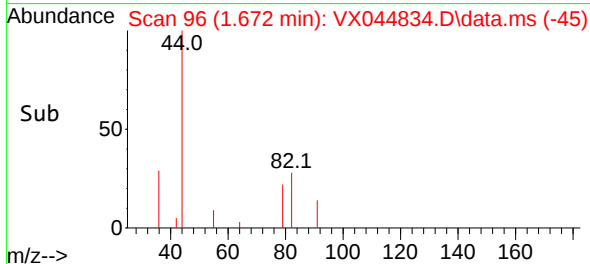
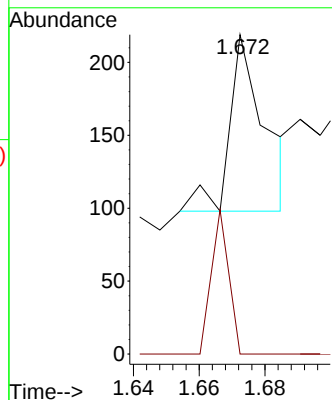
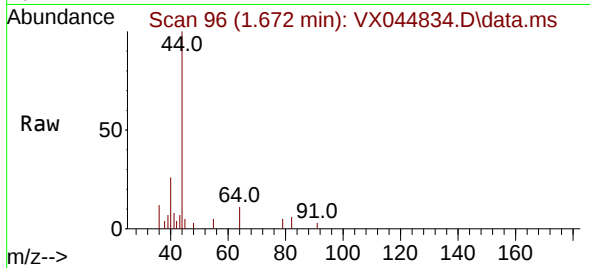




#6
Chloroethane
Concen: 0.333 ug/l
RT: 1.672 min Scan# 91
Delta R.T. 0.012 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

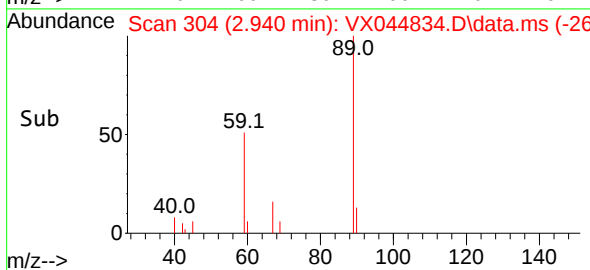
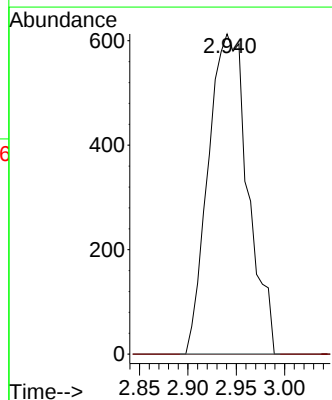
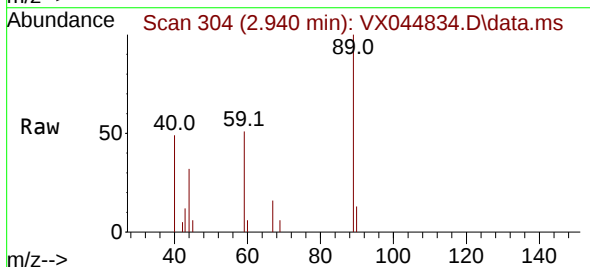
Instrument :
MSVOA_X
ClientSampleId :

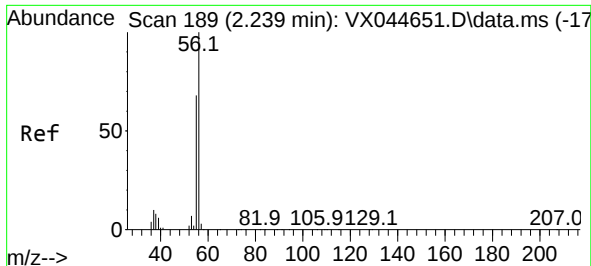
Tgt Ion: 64 Resp: 91
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 5.008 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.043 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

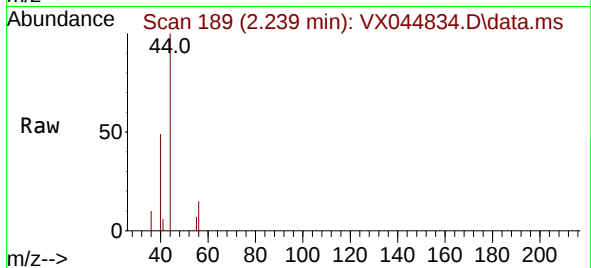
Tgt Ion: 59 Resp: 1747
Ion Ratio Lower Upper
59 100
57 0.0 3.9 5.9#



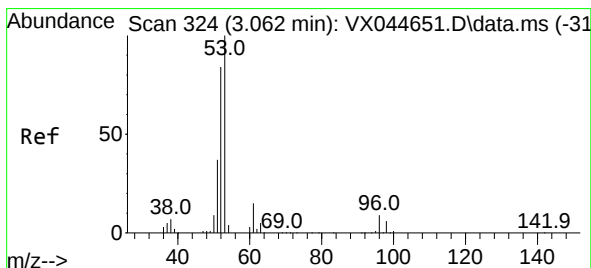
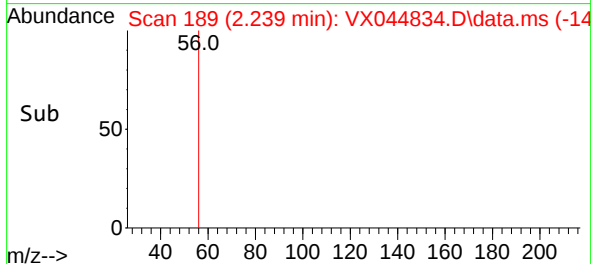
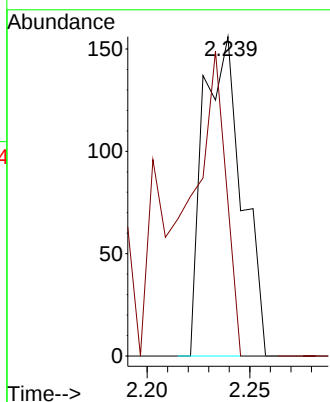


#13
Acrolein
Concen: 1.249 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :

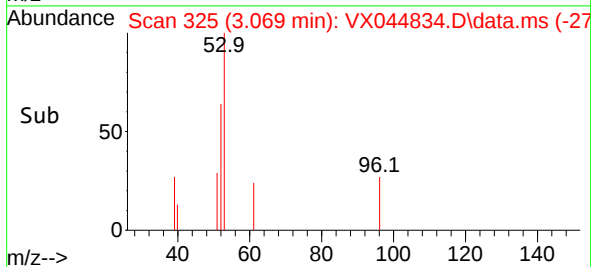
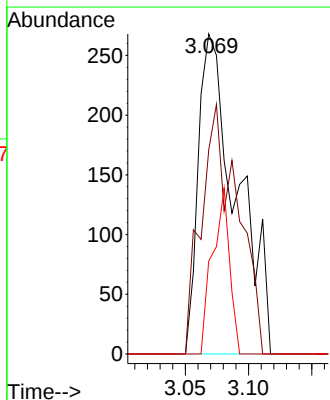
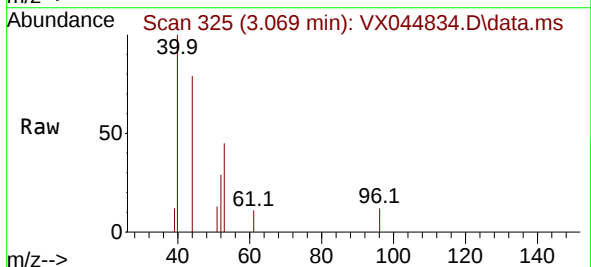


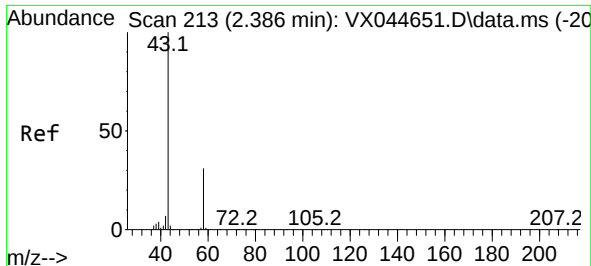
Tgt Ion: 56 Resp: 205
Ion Ratio Lower Upper
56 100
55 120.0 55.1 82.7#



#15
Acrylonitrile
Concen: 0.827 ug/l
RT: 3.069 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

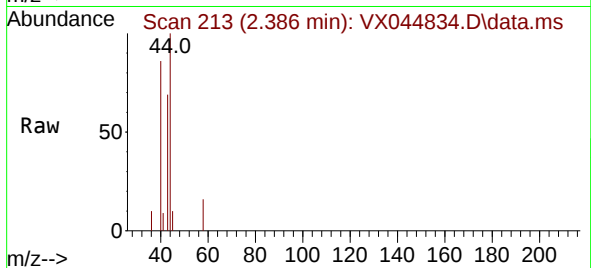
Tgt Ion: 53 Resp: 566
Ion Ratio Lower Upper
53 100
52 73.7 66.0 99.0
51 23.1 28.9 43.3#



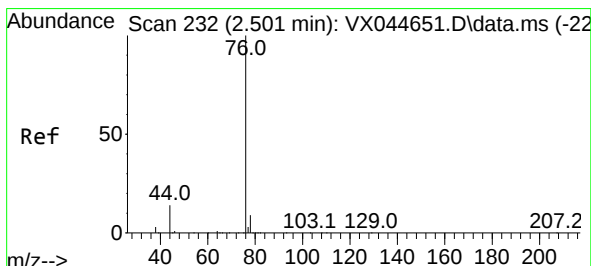
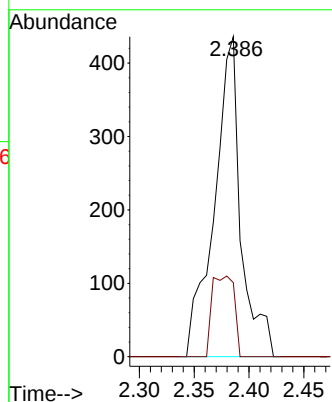
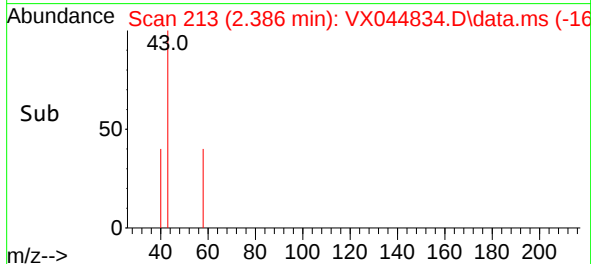


#16
Acetone
Concen: 1.189 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :

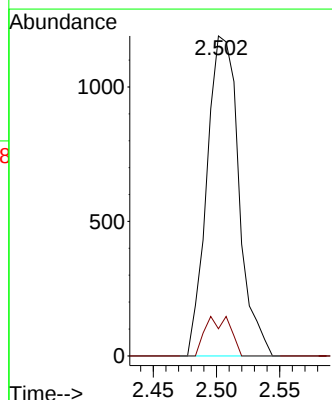
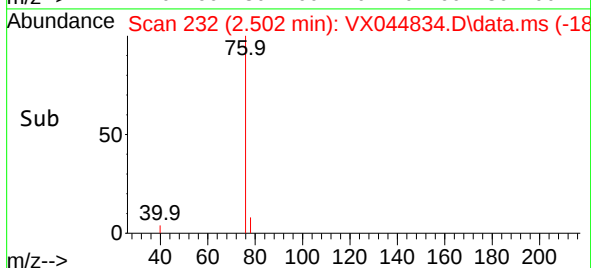
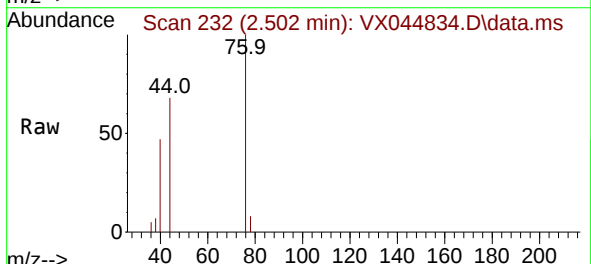


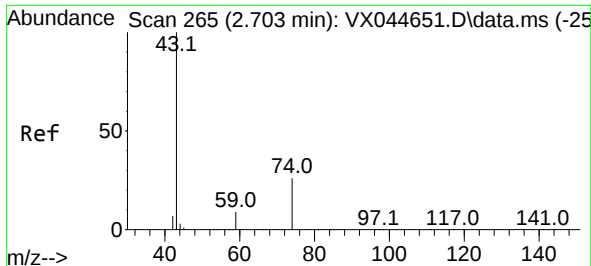
Tgt Ion: 43 Resp: 736
Ion Ratio Lower Upper
43 100
58 23.2 24.6 37.0#



#17
Carbon Disulfide
Concen: 0.630 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

Tgt Ion: 76 Resp: 2088
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7





#18

Methyl Acetate

Concen: 0.243 ug/l

RT: 2.703 min Scan# 2

Delta R.T. 0.000 min

Lab File: VX044834.D

Acq: 05 Feb 2025 10:18

Instrument :

MSVOA_X

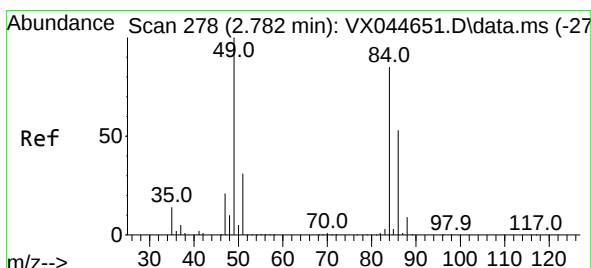
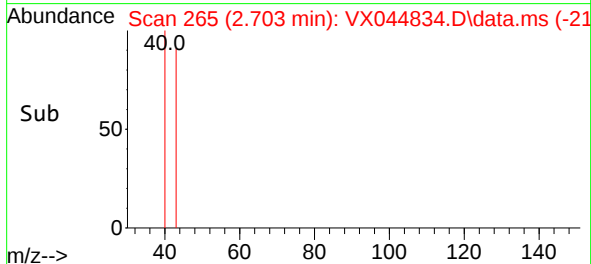
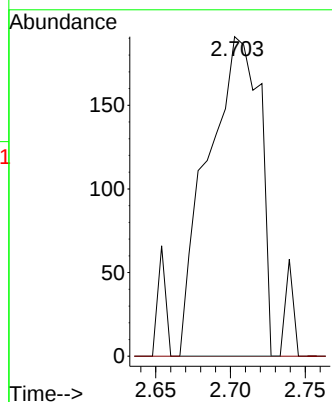
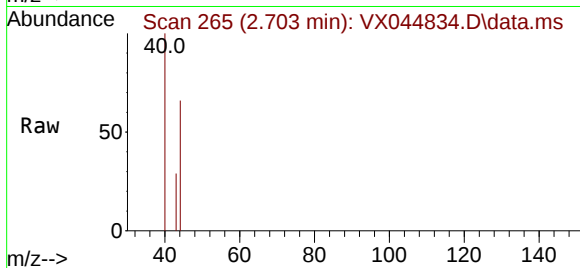
ClientSampleId :

Tgt Ion: 43 Resp: 464

Ion Ratio Lower Upper

43 100

74 0.0 19.8 29.8#



#20

Methylene Chloride

Concen: 0.211 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX044834.D

Acq: 05 Feb 2025 10:18

Tgt Ion: 84 Resp: 304

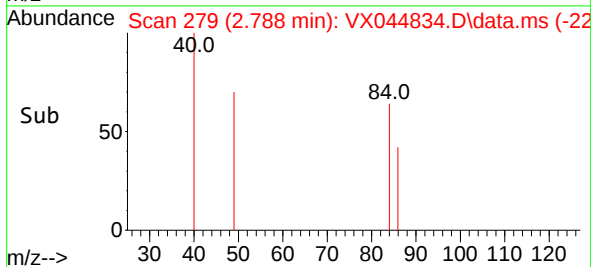
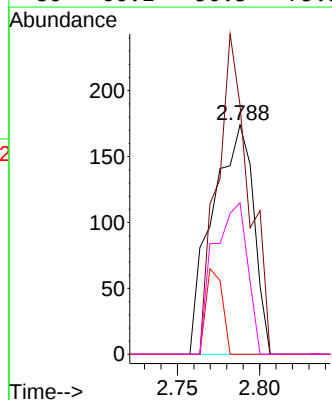
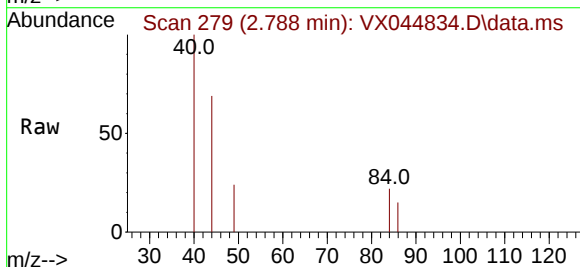
Ion Ratio Lower Upper

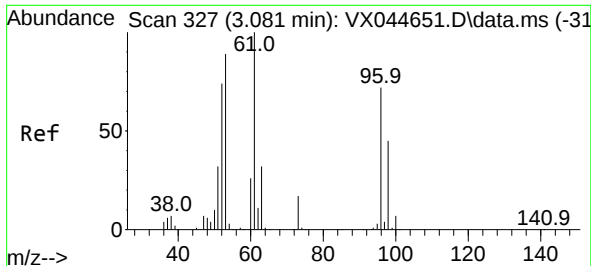
84 100

49 108.6 94.2 141.4

51 0.0 28.8 43.2#

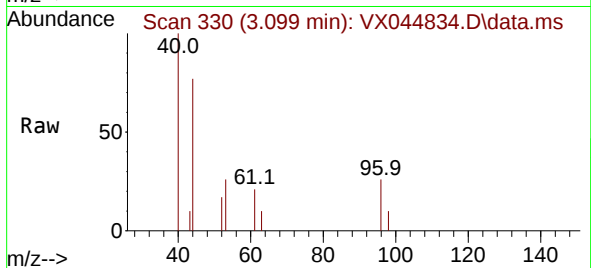
86 66.1 50.3 75.5



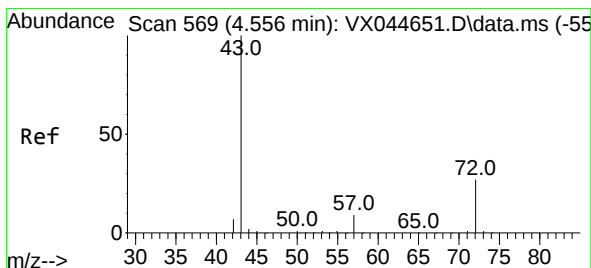
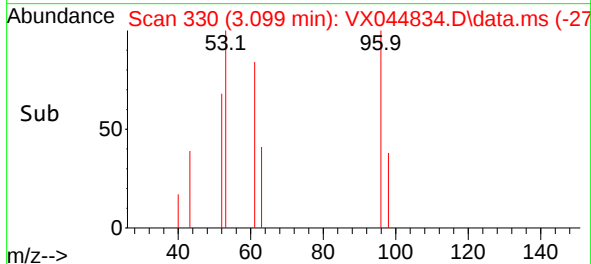
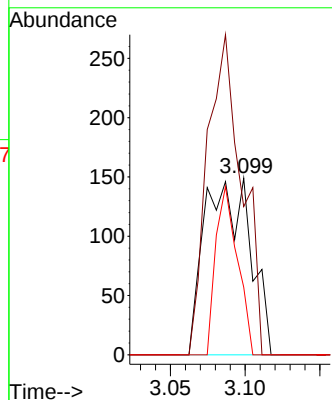


#21
trans-1,2-Dichloroethene
Concen: 0.249 ug/l
RT: 3.099 min Scan# 315
Delta R.T. 0.018 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :

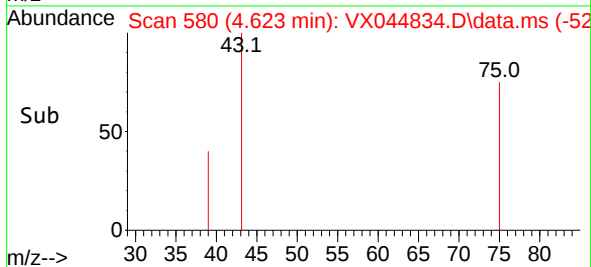
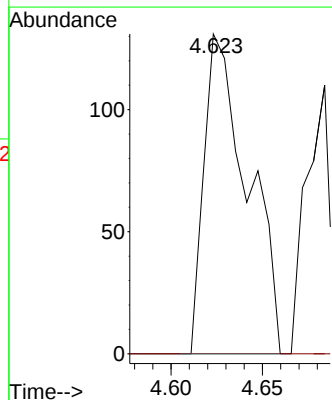
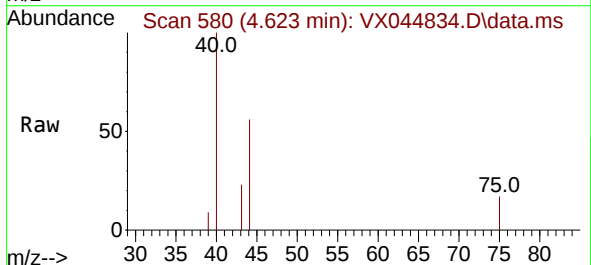


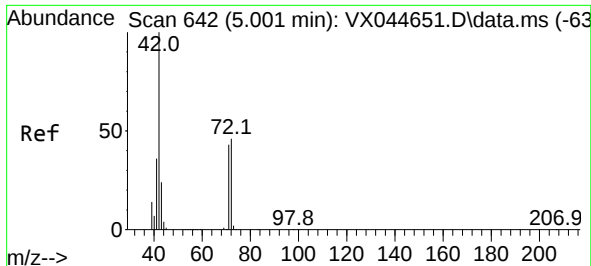
Tgt Ion: 96 Resp: 315
Ion Ratio Lower Upper
96 100
61 83.9 111.0 166.6#
98 38.3 50.2 75.2#



#25
2-Butanone
Concen: 0.236 ug/l
RT: 4.623 min Scan# 580
Delta R.T. 0.067 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

Tgt Ion: 43 Resp: 217
Ion Ratio Lower Upper
43 100
72 0.0 21.7 32.5#





#29

Tetrahydrofuran

Concen: 0.258 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.031 min

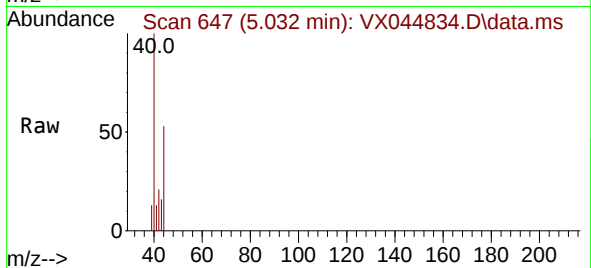
Lab File: VX044834.D

Acq: 05 Feb 2025 10:18

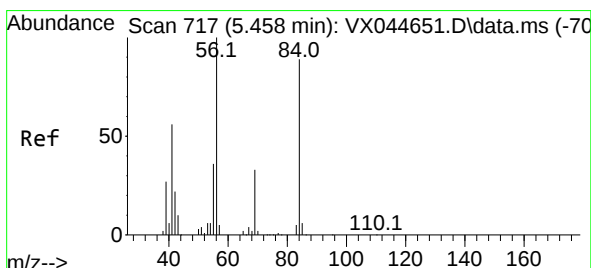
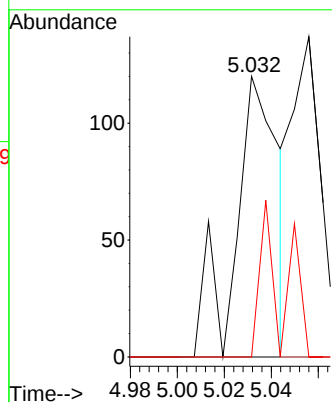
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	42	Resp:	153
Ion	Ratio	Lower	Upper
42	100		
72	0.0	38.2	57.4#
71	29.4	35.3	52.9#



#31

Cyclohexane

Concen: 1.281 ug/l

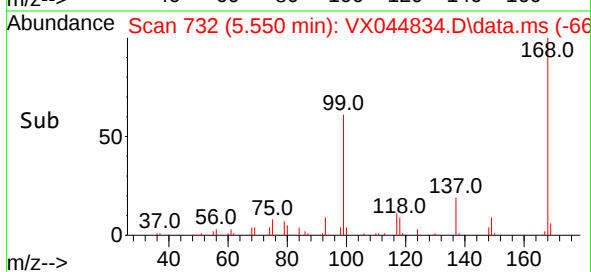
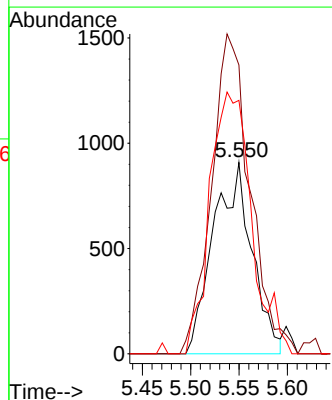
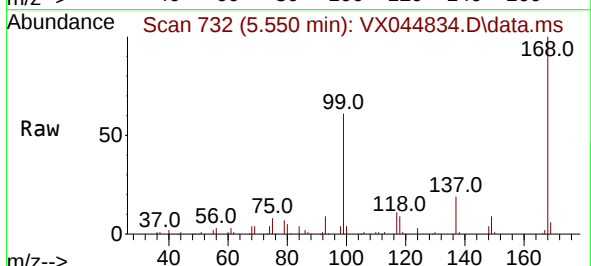
RT: 5.550 min Scan# 732

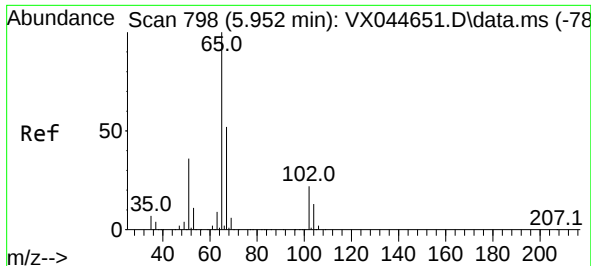
Delta R.T. 0.092 min

Lab File: VX044834.D

Acq: 05 Feb 2025 10:18

Tgt Ion:	56	Resp:	2523
Ion	Ratio	Lower	Upper
56	100		
69	150.9	26.8	40.2#
84	132.5	71.0	106.4#





#33

1,2-Dichloroethane-d4

Concen: 47.344 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044834.D

Acq: 05 Feb 2025 10:18

Instrument :

MSVOA_X

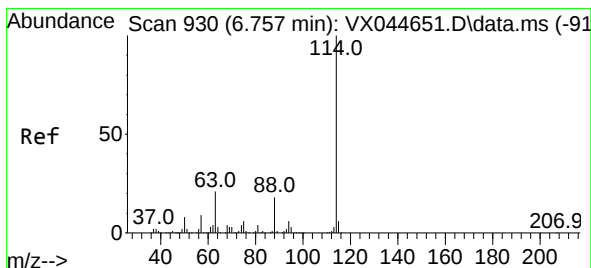
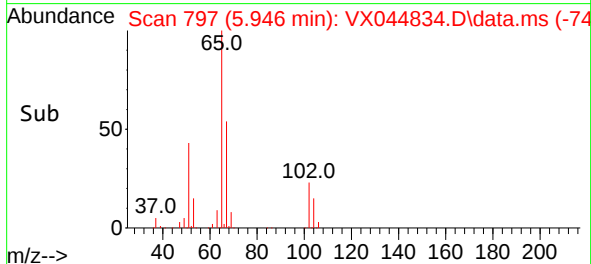
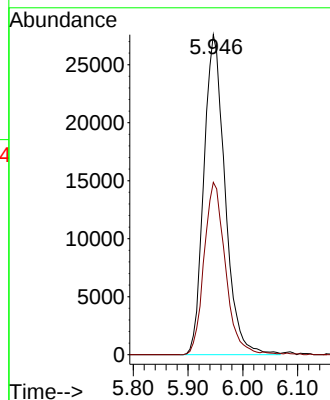
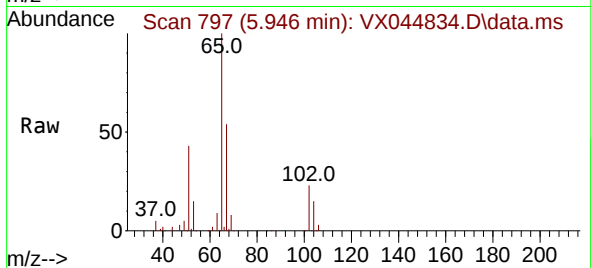
ClientSampleId :

Tgt Ion: 65 Resp: 74077

Ion Ratio Lower Upper

65 100

67 53.9 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX044834.D

Acq: 05 Feb 2025 10:18

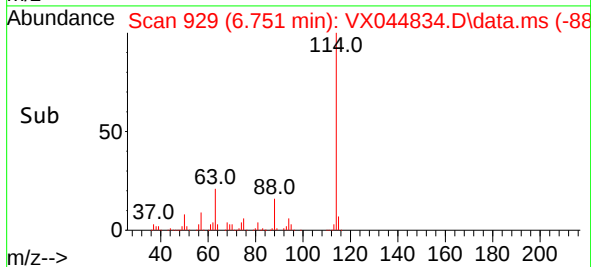
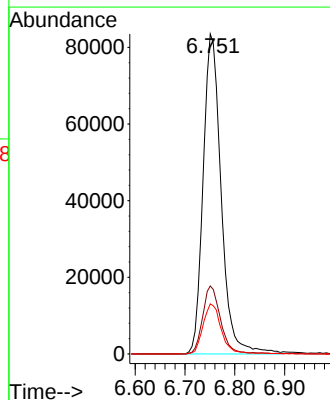
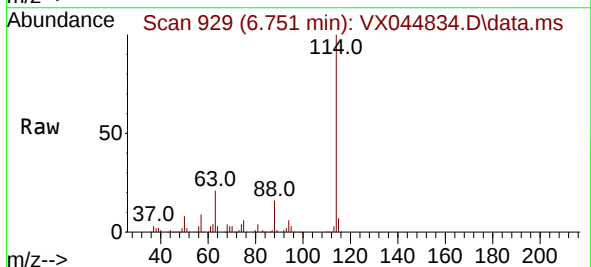
Tgt Ion: 114 Resp: 209897

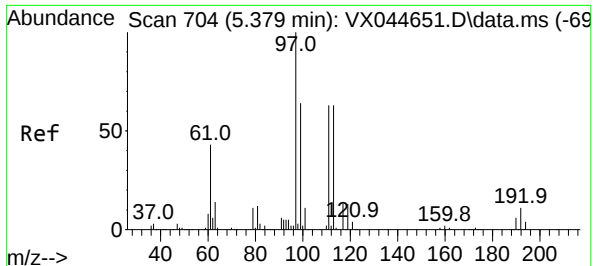
Ion Ratio Lower Upper

114 100

63 21.2 0.0 43.0

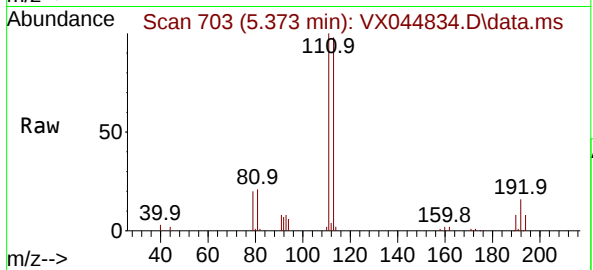
88 15.7 0.0 35.4



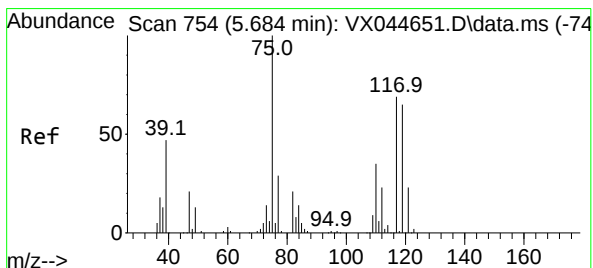
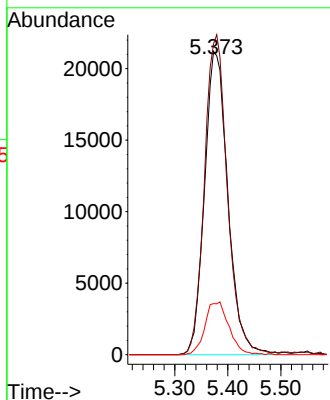
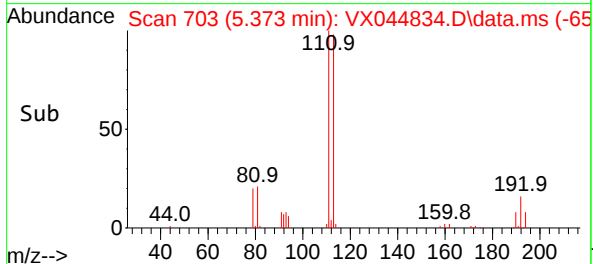


#35
Dibromofluoromethane
Concen: 48.783 ug/l
RT: 5.373 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

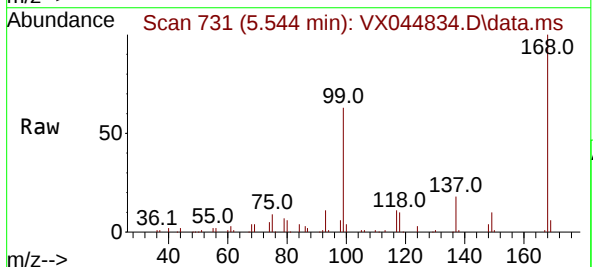
Instrument :
MSVOA_X
ClientSampleId :



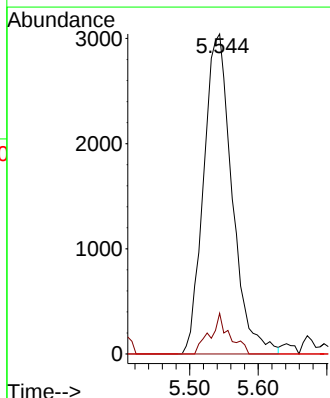
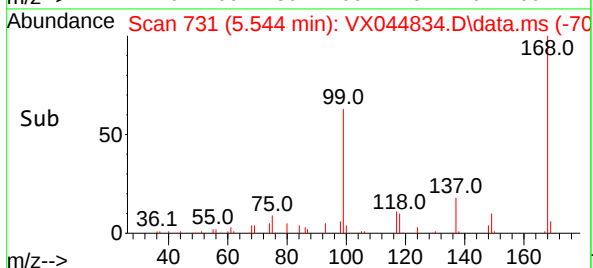
Tgt Ion:113 Resp: 65050
Ion Ratio Lower Upper
113 100
111 103.5 81.6 122.4
192 17.7 14.4 21.6

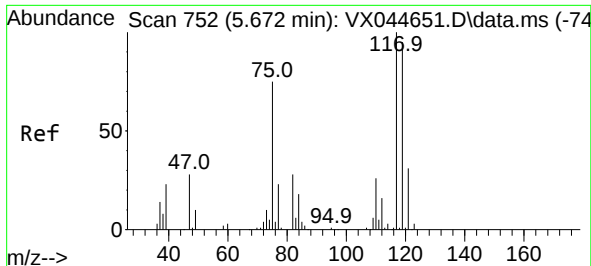


#36
1,1-Dichloropropene
Concen: 4.732 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18



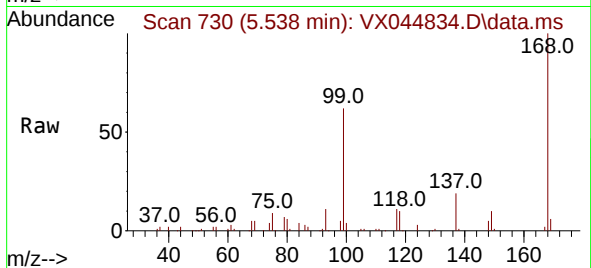
Tgt Ion: 75 Resp: 8784
Ion Ratio Lower Upper
75 100
110 8.6 17.9 53.8#
77 0.0 24.5 36.7#



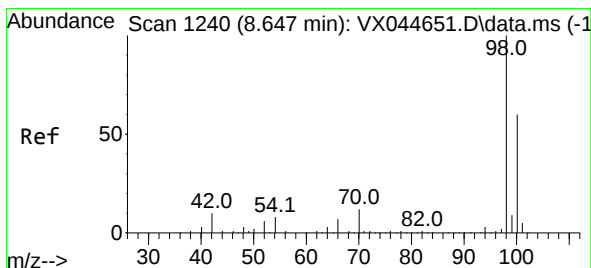
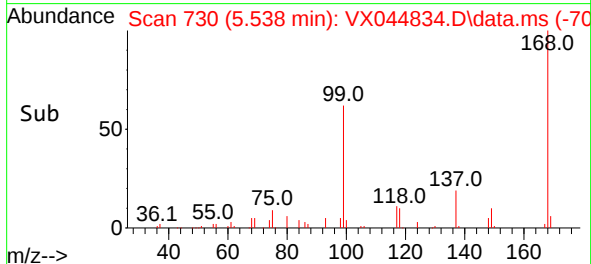
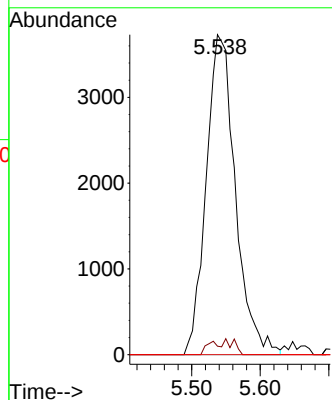


#38
Carbon Tetrachloride
Concen: 5.290 ug/l
RT: 5.538 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

Instrument :
MSVOA_X
ClientSampleId :

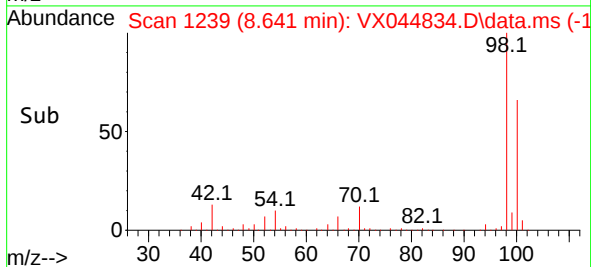
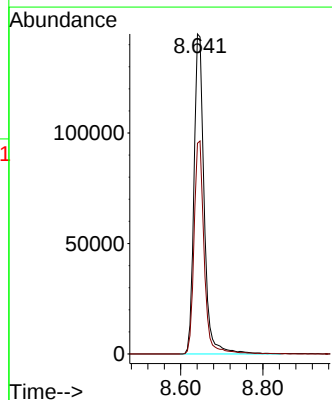
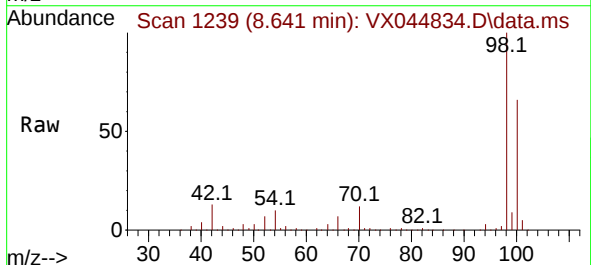


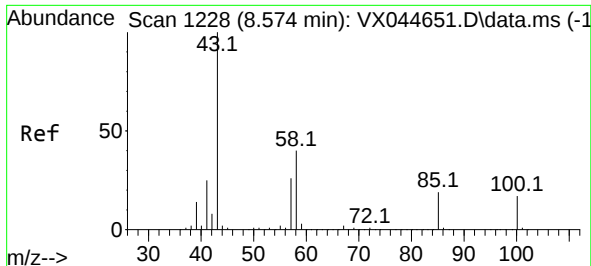
Tgt Ion:117 Resp: 11044
Ion Ratio Lower Upper
117 100
119 2.6 76.0 114.0#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 53.411 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

Tgt Ion: 98 Resp: 248332
Ion Ratio Lower Upper
98 100
100 66.1 53.2 79.8

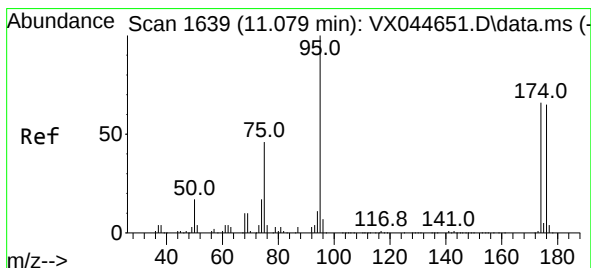
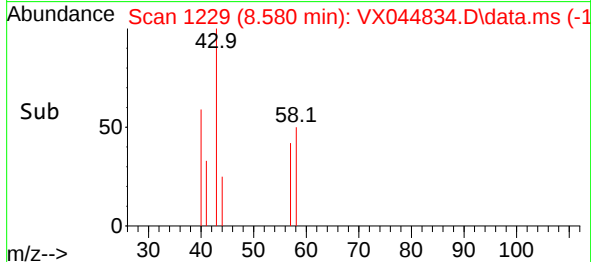
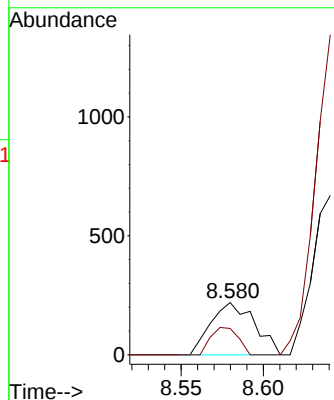
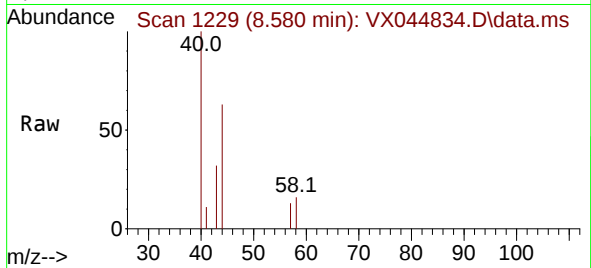




#51
4-Methyl-2-Pentanone
Concen: 0.202 ug/l
RT: 8.580 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

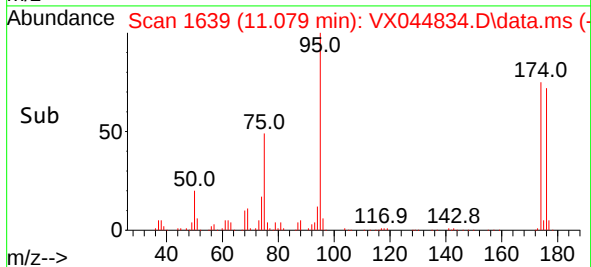
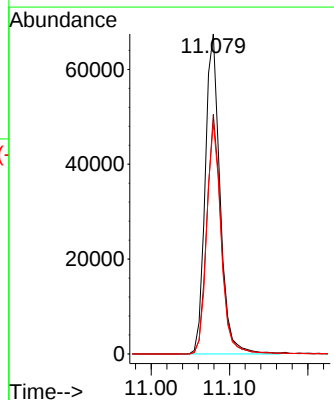
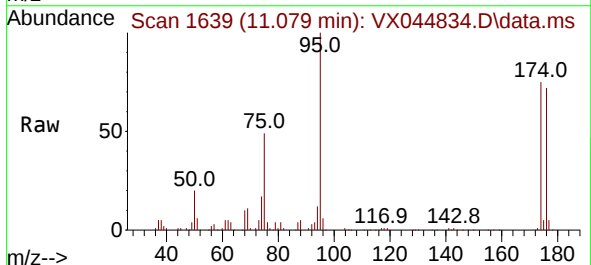
Instrument :
MSVOA_X
ClientSampleId :

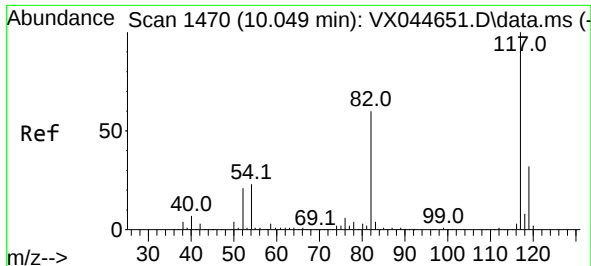
Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
58 32.8 31.9 47.9



#62
4-Bromofluorobenzene
Concen: 51.131 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

Tgt Ion: 95 Resp: 88623
Ion Ratio Lower Upper
95 100
174 72.8 0.0 133.0
176 70.3 0.0 129.4

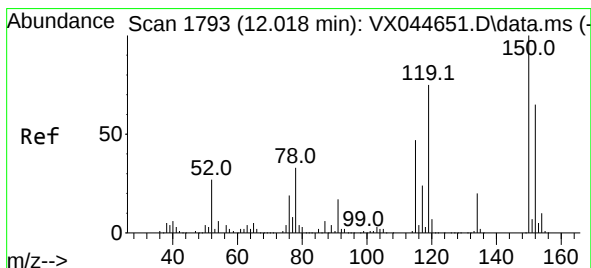
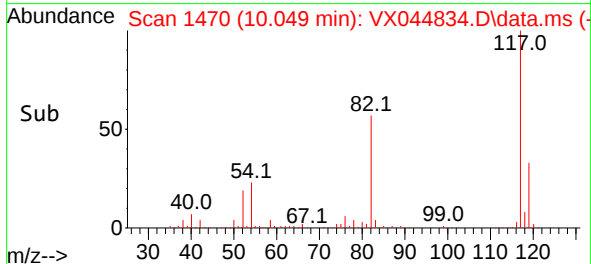
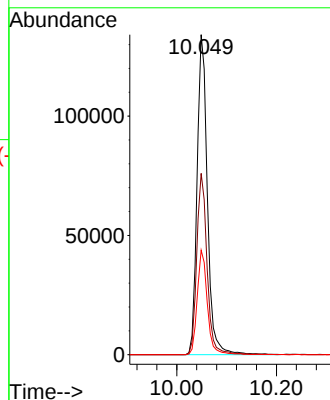
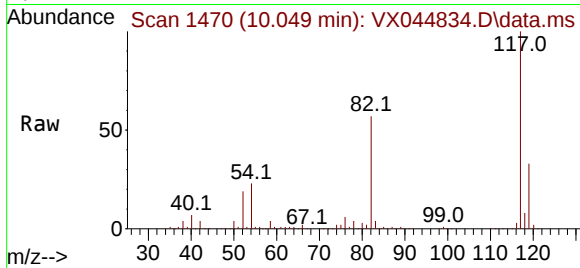




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

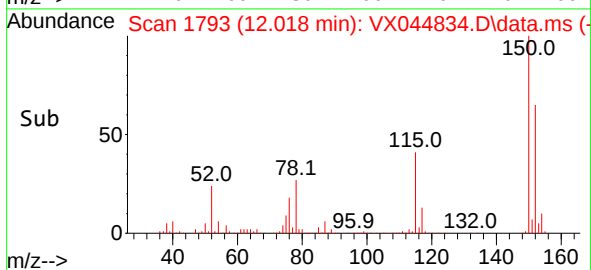
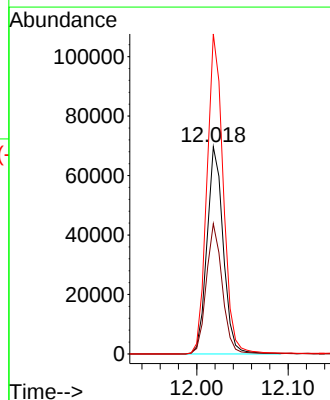
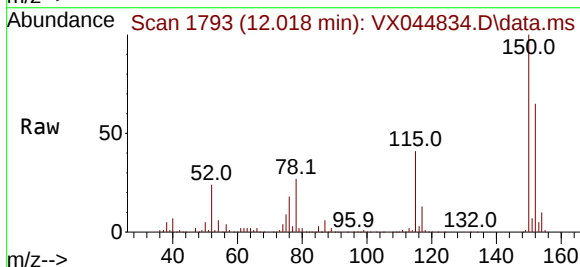
Instrument :
MSVOA_X
ClientSampleId :

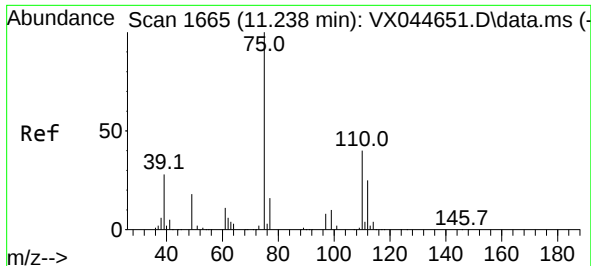
Tgt Ion:117 Resp: 192684
Ion Ratio Lower Upper
117 100
82 56.7 47.6 71.4
119 32.6 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

Tgt Ion:152 Resp: 85832
Ion Ratio Lower Upper
152 100
115 62.2 43.8 131.4
150 155.5 0.0 347.8

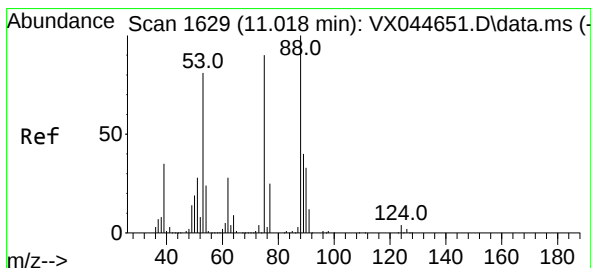
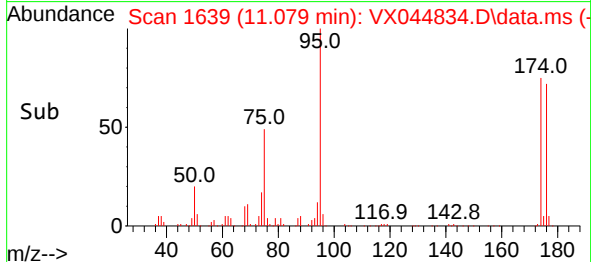
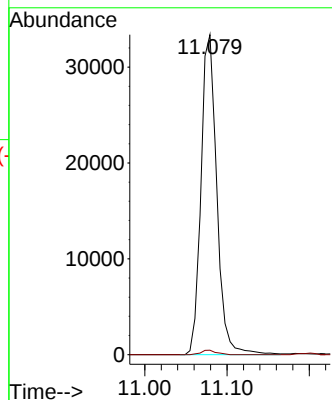
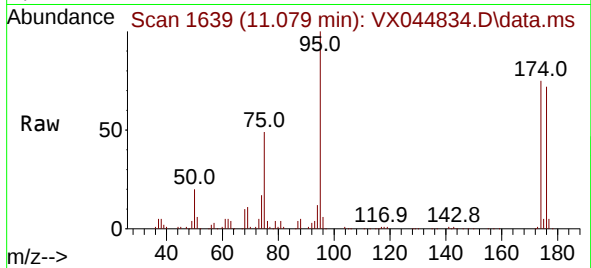




#76
1,2,3-Trichloropropane
Concen: 21.441 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

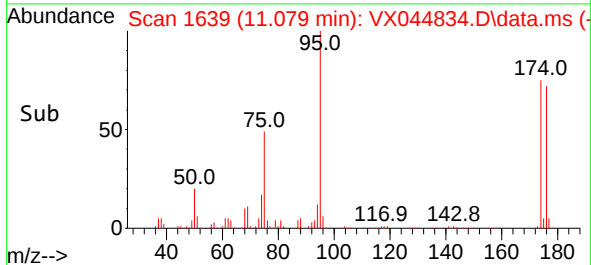
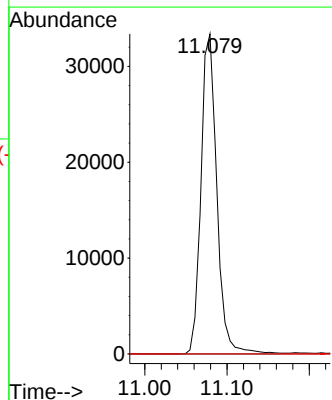
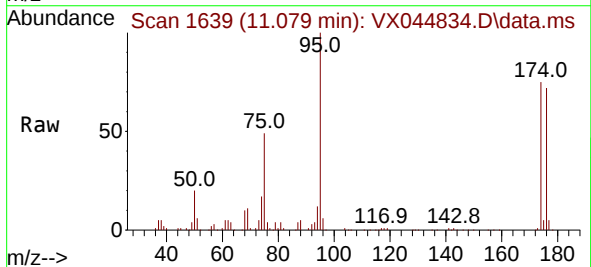
Instrument :
MSVOA_X
ClientSampleId :

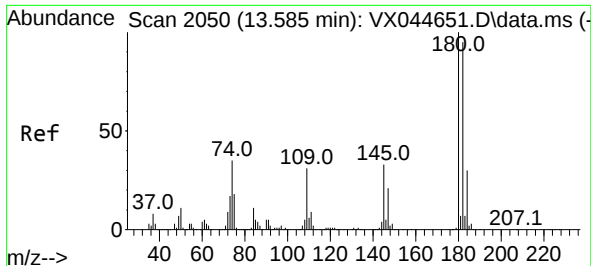
Tgt Ion: 75 Resp: 44663
Ion Ratio Lower Upper
75 100
77 1.4 23.4 70.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.034 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

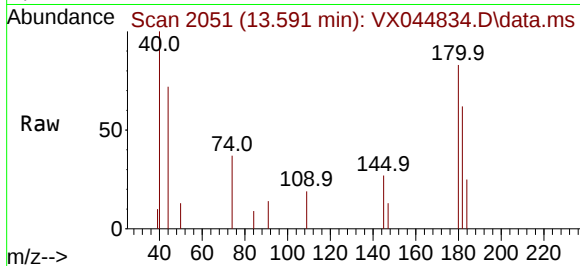
Tgt Ion: 75 Resp: 44663
Ion Ratio Lower Upper
75 100
53 0.0 74.3 111.5#
89 0.0 37.4 56.0#



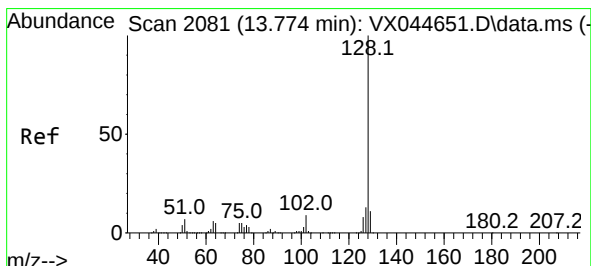
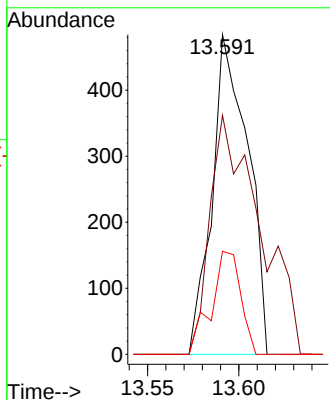
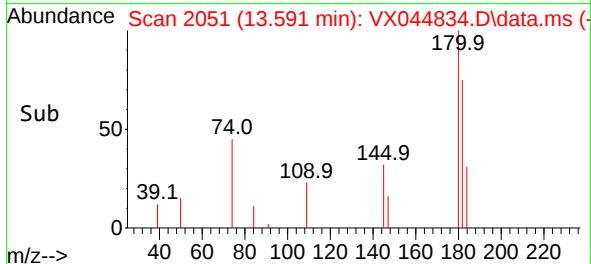


#93
1,2,4-Trichlorobenzene
Concen: 0.376 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18

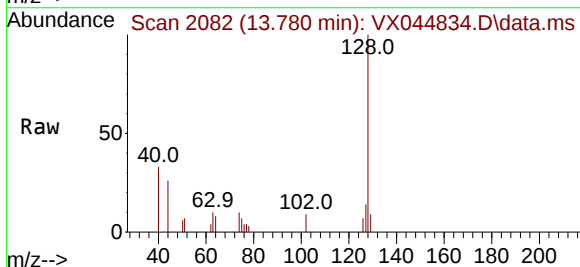
Instrument :
MSVOA_X
ClientSampleId :



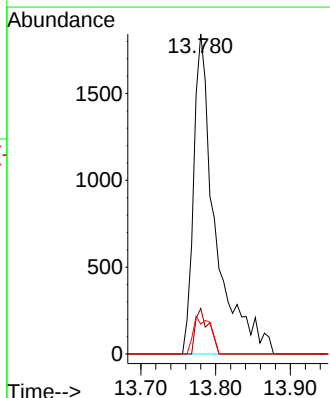
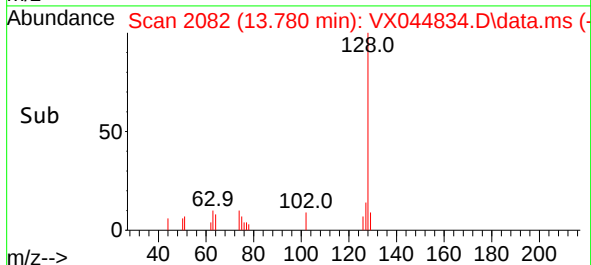
Tgt Ion:180 Resp: 656
Ion Ratio Lower Upper
180 100
182 104.0 47.4 142.2
145 26.8 16.7 50.1

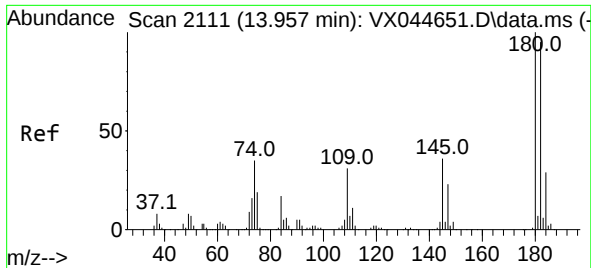


#95
Naphthalene
Concen: 0.553 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX044834.D
Acq: 05 Feb 2025 10:18



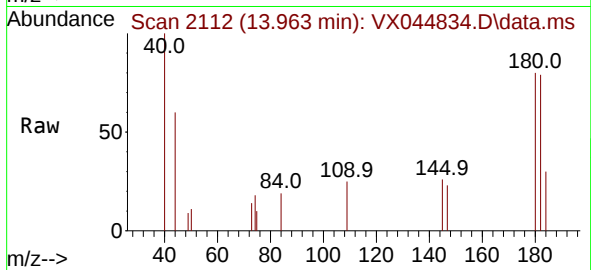
Tgt Ion:128 Resp: 3724
Ion Ratio Lower Upper
128 100
127 8.8 10.3 15.5#
129 9.3 8.7 13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.364 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX044834.D
 Acq: 05 Feb 2025 10:18

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:180	Resp:	659
Ion	Ratio	Lower Upper
180	100	
182	115.8	47.2 141.6
145	32.0	17.5 52.6

