

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022825\
 Data File : VX045074.D
 Acq On : 28 Feb 2025 04:10
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 28 06:54:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	68488	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134908	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	123448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48822	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	54700	50.211	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.420%	
35) Dibromofluoromethane	5.379	113	45867	50.845	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.680%	
50) Toluene-d8	8.647	98	169337	51.779	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.560%	
62) 4-Bromofluorobenzene	11.079	95	55501	51.214	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.420%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.166	85	441	0.512	ug/l	87
4) Vinyl Chloride	1.374	62	450	0.430	ug/l #	73
5) Bromomethane	1.593	94	382	0.928	ug/l	90
6) Chloroethane	1.678	64	279	0.578	ug/l #	84
7) Trichlorofluoromethane	1.874	101	570	0.411	ug/l	89
9) 1,1,2-Trichlorotrifluoro...	2.319	101	355	0.446	ug/l #	74
10) Methyl Iodide	2.447	142	963	0.968	ug/l #	93
11) Tert butyl alcohol	2.940	59	1880	9.111	ug/l #	73
12) 1,1-Dichloroethene	2.306	96	491	0.583	ug/l #	63
13) Acrolein	2.233	56	711	2.981	ug/l #	65
14) Allyl chloride	2.654	41	649	0.433	ug/l #	78
15) Acrylonitrile	3.081	53	1222	2.210	ug/l	97
16) Acetone	2.392	43	932	1.844	ug/l	94
17) Carbon Disulfide	2.501	76	5734	2.558	ug/l	97
18) Methyl Acetate	2.709	43	733	0.603	ug/l #	67
20) Methylene Chloride	2.776	84	516	0.515	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	825	0.992	ug/l #	79
23) Vinyl Acetate	3.757	43	1457	0.573	ug/l #	73
25) 2-Butanone	4.605	43	246	0.323	ug/l #	50
27) cis-1,2-Dichloroethene	4.495	96	480	0.468	ug/l	88
29) Tetrahydrofuran	5.038	42	325	0.636	ug/l #	82
31) Cyclohexane	5.458	56	682	0.460	ug/l #	63
36) 1,1-Dichloropropene	5.702	75	790	0.639	ug/l #	63
39) Methylcyclohexane	7.366	83	661	0.446	ug/l #	69
42) 1,2-Dichloroethane	6.092	62	337	0.240	ug/l #	75
44) Trichloroethene	7.135	130	496	0.541	ug/l	81
46) Dibromomethane	7.598	93	273	0.385	ug/l #	64
49) 1,4-Dioxane	7.683	88	21	0.842	ug/l #	25
51) 4-Methyl-2-Pentanone	8.586	43	796	0.503	ug/l #	85
52) Toluene	8.720	92	631	0.275	ug/l	94
53) t-1,3-Dichloropropene	8.994	75	330	0.283	ug/l #	42
58) 2-Chloroethyl Vinyl ether	8.281	63	243	0.347	ug/l #	48
59) 2-Hexanone	9.451	43	967	0.843	ug/l	71
61) 1,2-Dibromoethane	9.616	107	222	0.236	ug/l #	69
64) Tetrachloroethene	9.275	164	528	0.668	ug/l #	73
65) Chlorobenzene	10.079	112	987	0.378	ug/l	93

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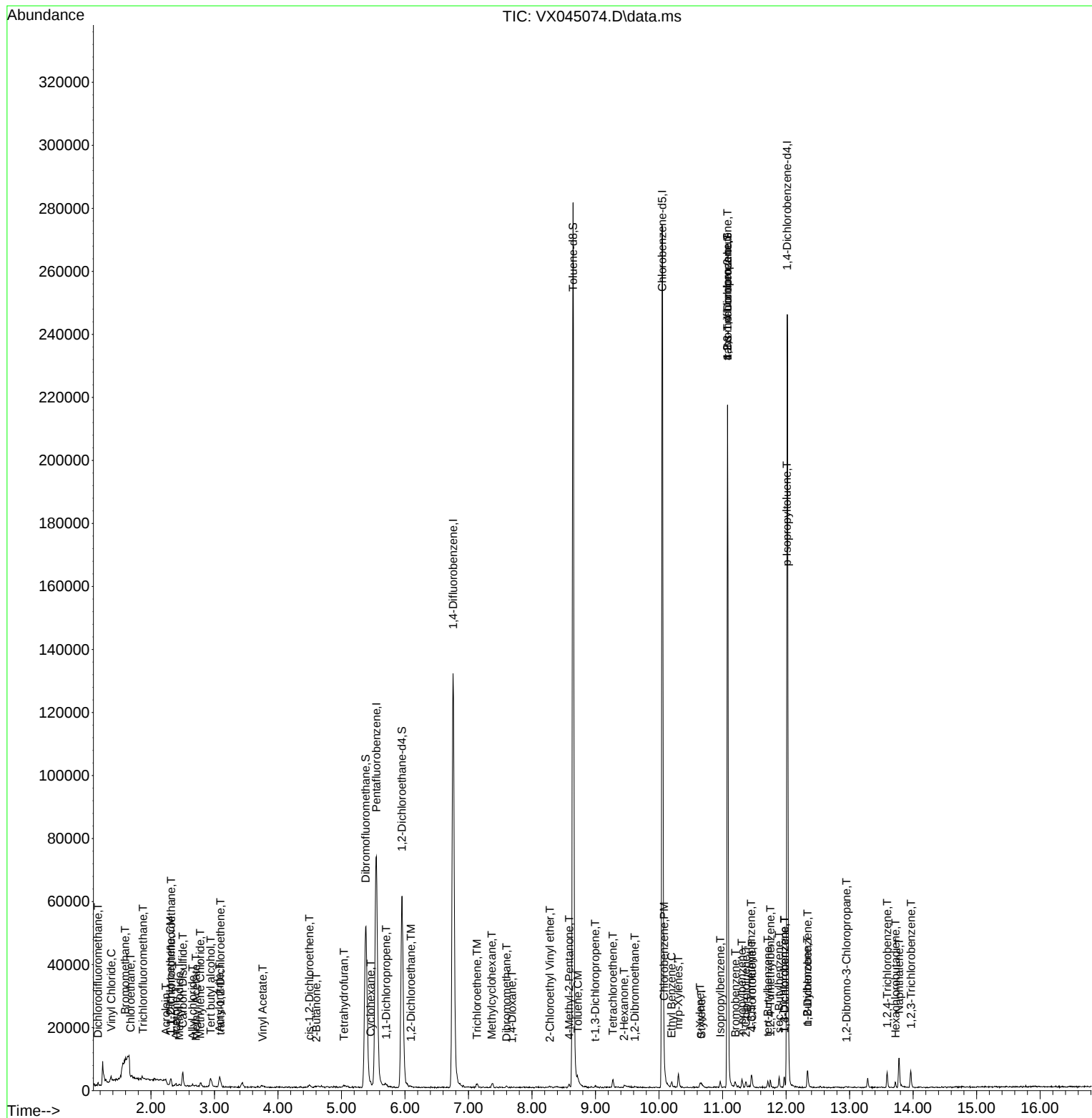
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
67) Ethyl Benzene	10.195	91	1330	0.292	ug/l	99
68) m/p-Xylenes	10.305	106	1160	0.696	ug/l	86
69) o-Xylene	10.646	106	341	0.203	ug/l	66
70) Styrene	10.665	104	817	0.300	ug/l	94
73) Isopropylbenzene	10.963	105	1147	0.301	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	30326	26.688	ug/l #	36
77) Bromobenzene	11.201	156	384	0.427	ug/l	78
78) n-propylbenzene	11.305	91	2153	0.500	ug/l	99
79) 2-Chlorotoluene	11.366	91	1366	0.498	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	1254	0.407	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.079	75	30326	91.330	ug/l #	6
82) 4-Chlorotoluene	11.463	91	2061	0.690	ug/l	96
83) tert-Butylbenzene	11.713	119	883	0.279	ug/l	84
84) 1,2,4-Trimethylbenzene	11.756	105	1178	0.380	ug/l	92
85) sec-Butylbenzene	11.890	105	2123	0.560	ug/l	96
86) p-Isopropyltoluene	12.012	119	1600	0.522	ug/l	85
87) 1,3-Dichlorobenzene	11.975	146	1313	0.819	ug/l	94
88) 1,4-Dichlorobenzene	11.975	146	1313	0.809	ug/l	95
89) n-Butylbenzene	12.335	91	2437	0.923	ug/l	92
91) 1,2-Dichlorobenzene	12.341	146	907	0.564	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.951	75	99	0.363	ug/l #	4
93) 1,2,4-Trichlorobenzene	13.591	180	1481	1.617	ug/l	93
94) Hexachlorobutadiene	13.725	225	312	0.831	ug/l	76
95) Naphthalene	13.780	128	7672	2.180	ug/l	97
96) 1,2,3-Trichlorobenzene	13.969	180	1471	1.522	ug/l	89

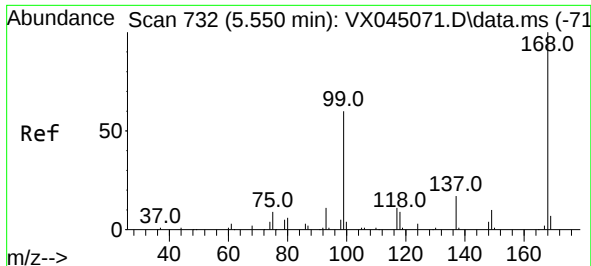
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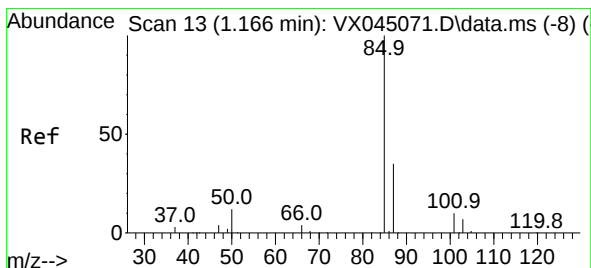
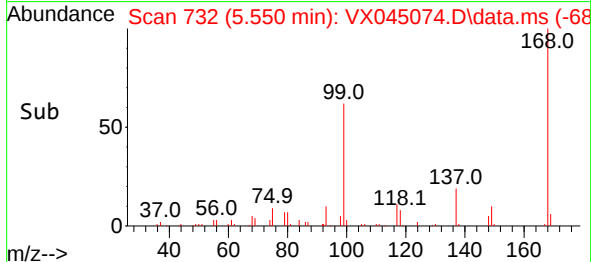
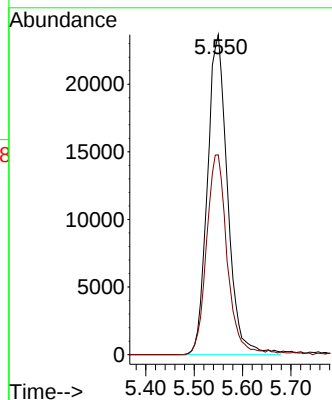
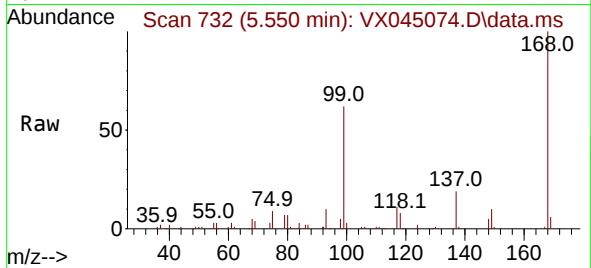




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
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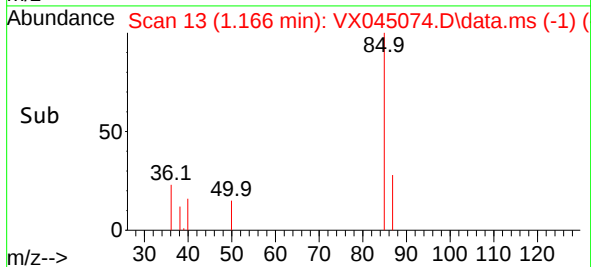
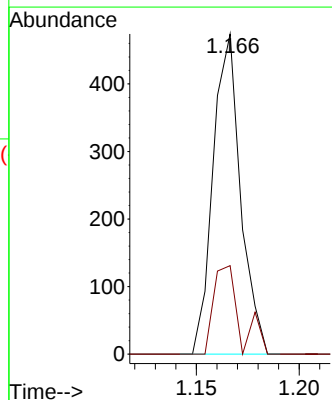
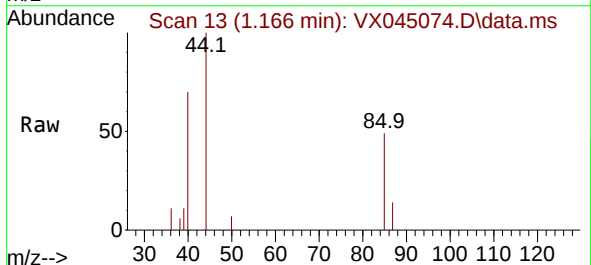
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ClientSampleId :
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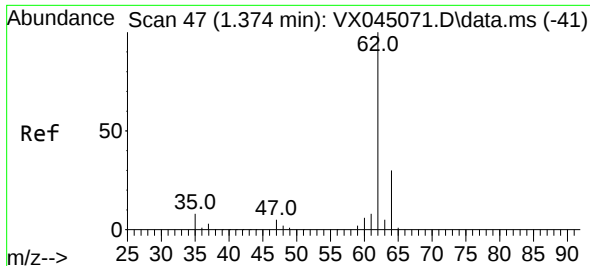
Tgt Ion:168 Resp: 68488
Ion Ratio Lower Upper
168 100
99 62.5 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 0.512 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion: 85 Resp: 441
Ion Ratio Lower Upper
85 100
87 27.6 17.4 52.3

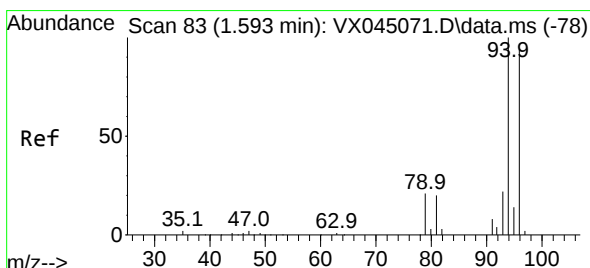
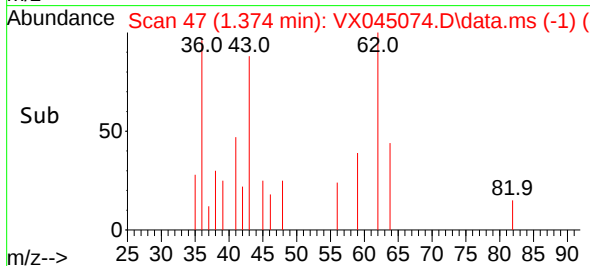
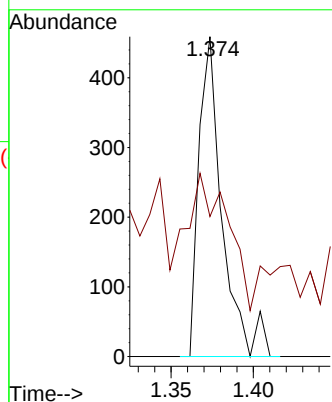
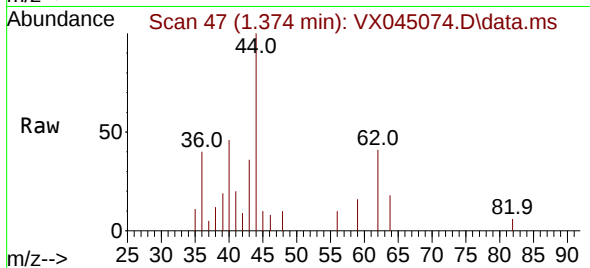




#4
 Vinyl Chloride
 Concen: 0.430 ug/l
 RT: 1.374 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX045074.D
 Acq: 28 Feb 2025 04:10

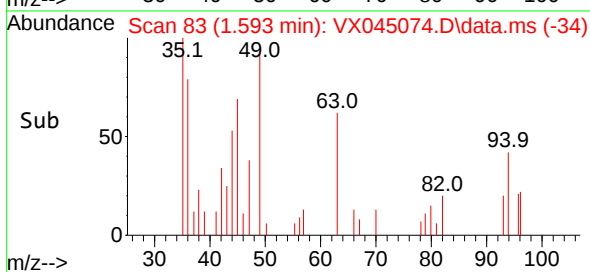
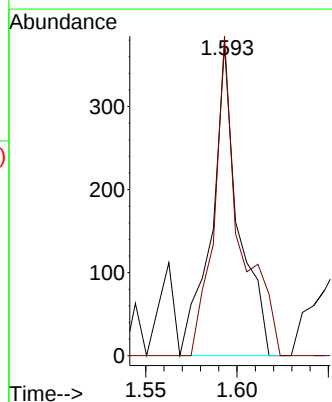
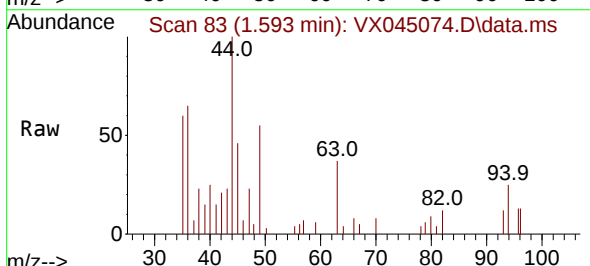
Instrument :
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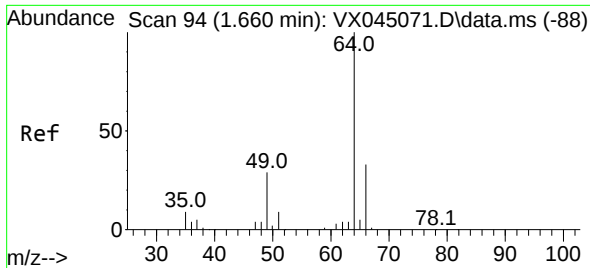
Tgt Ion: 62 Resp: 450
 Ion Ratio Lower Upper
 62 100
 64 15.7 24.3 36.5#



#5
 Bromomethane
 Concen: 0.928 ug/l
 RT: 1.593 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VX045074.D
 Acq: 28 Feb 2025 04:10

Tgt Ion: 94 Resp: 382
 Ion Ratio Lower Upper
 94 100
 96 103.2 75.0 112.4

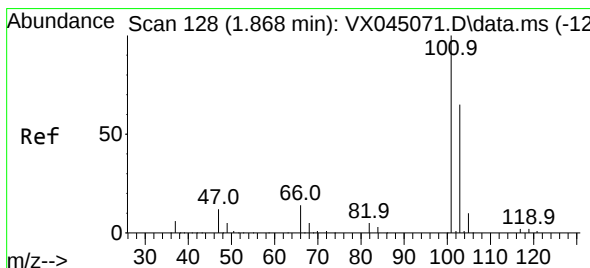
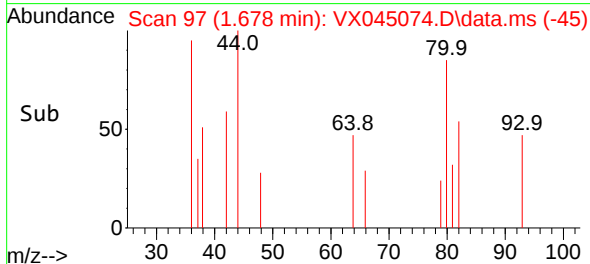
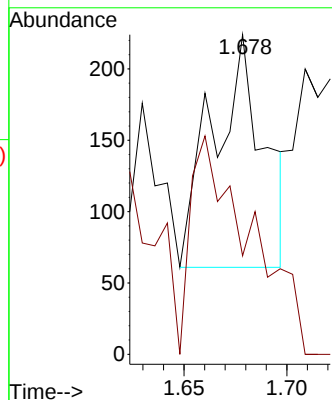
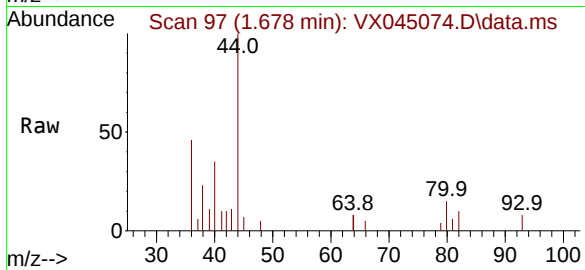




#6
Chloroethane
Concen: 0.578 ug/l
RT: 1.678 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

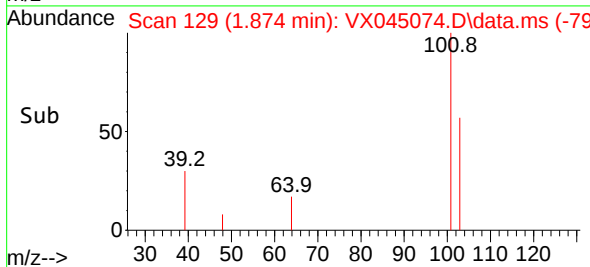
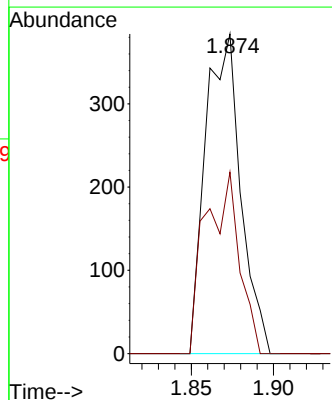
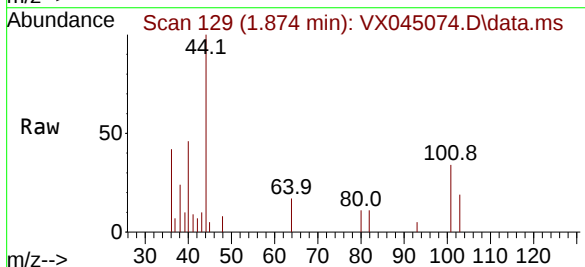
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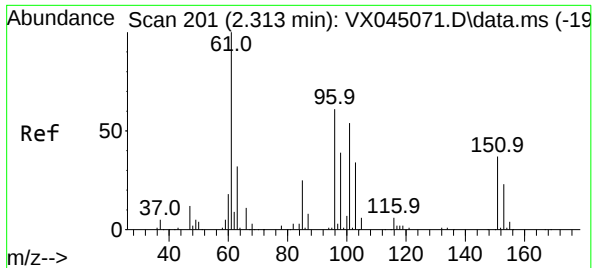
Tgt Ion: 64 Resp: 279
Ion Ratio Lower Upper
64 100
66 42.3 26.7 40.1#



#7
Trichlorofluoromethane
Concen: 0.411 ug/l
RT: 1.874 min Scan# 129
Delta R.T. 0.006 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion:101 Resp: 570
Ion Ratio Lower Upper
101 100
103 56.8 52.1 78.1

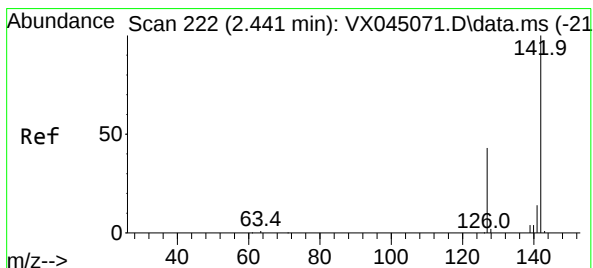
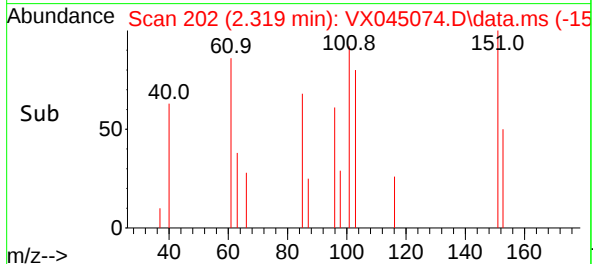
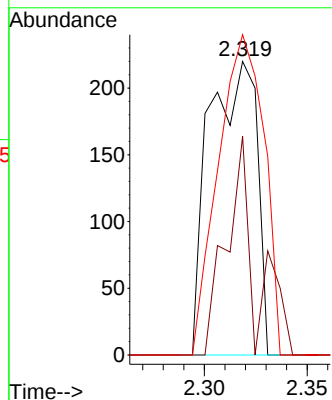
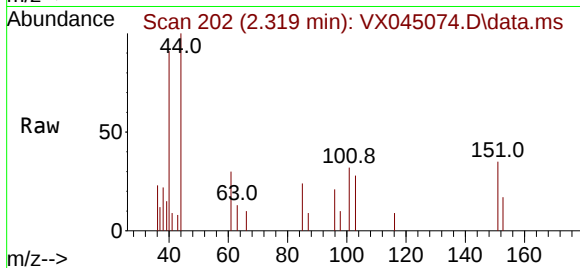




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.446 ug/l
RT: 2.319 min Scan# 201
Delta R.T. 0.006 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

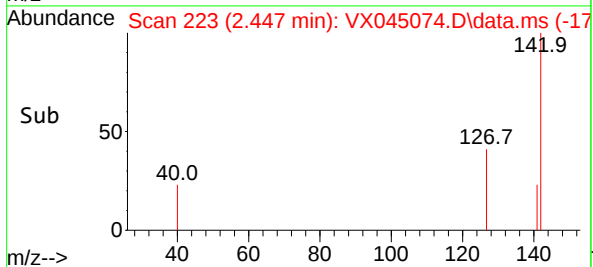
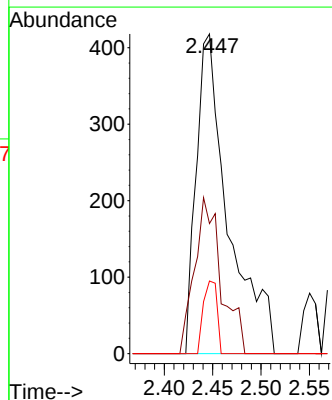
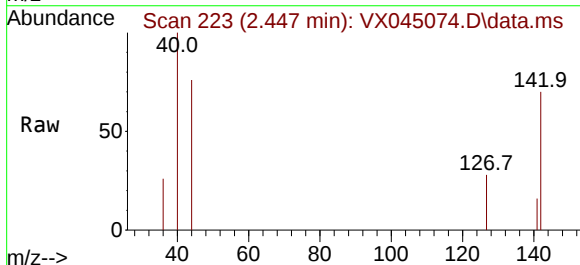
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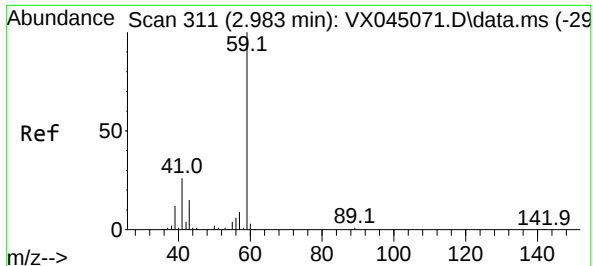
Tgt Ion:101 Resp: 355
Ion Ratio Lower Upper
101 100
85 46.5 36.2 54.4
151 104.5 56.4 84.6#



#10
Methyl Iodide
Concen: 0.968 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion:142 Resp: 963
Ion Ratio Lower Upper
142 100
127 40.7 35.4 53.2
141 9.7 11.6 17.4#





#11

Tert butyl alcohol

Concen: 9.111 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.043 min

Lab File: VX045074.D

Acq: 28 Feb 2025 04:10

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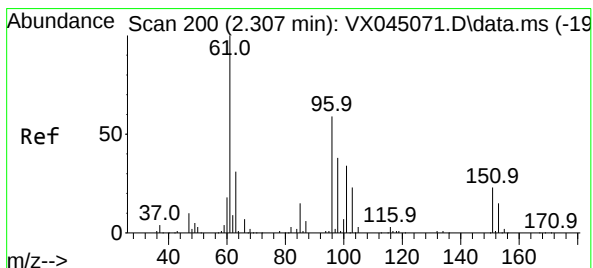
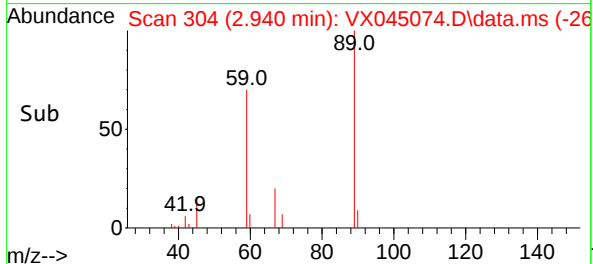
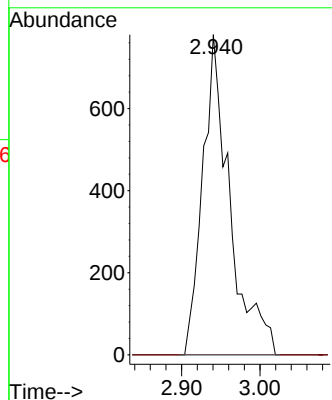
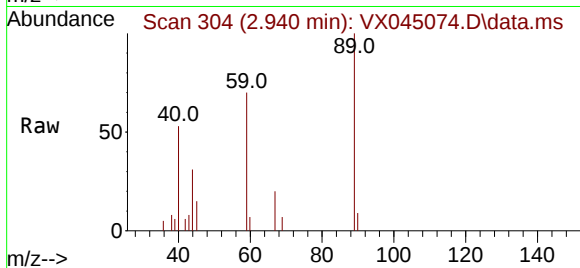
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Tgt Ion: 59 Resp: 1880

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 0.583 ug/l

RT: 2.306 min Scan# 200

Delta R.T. -0.000 min

Lab File: VX045074.D

Acq: 28 Feb 2025 04:10

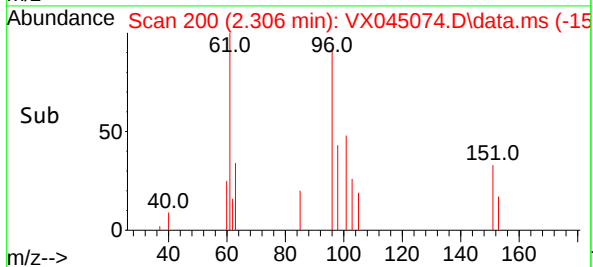
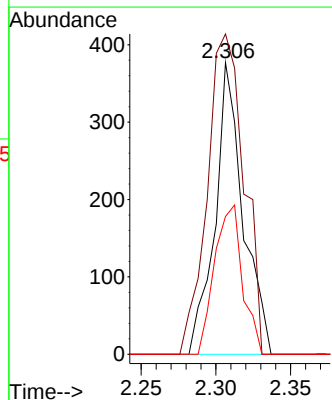
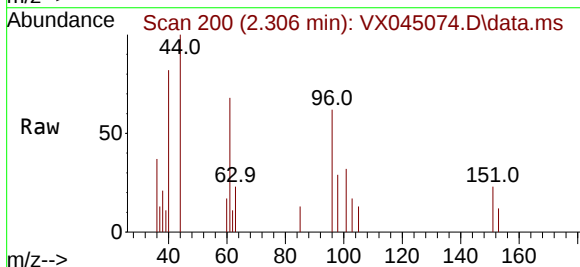
Tgt Ion: 96 Resp: 491

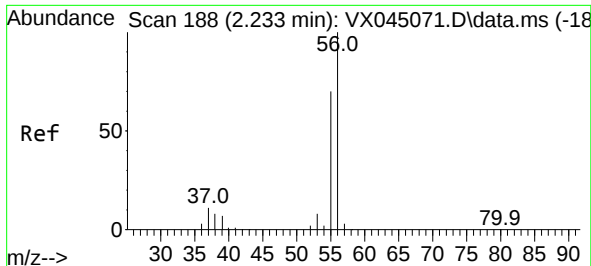
Ion Ratio Lower Upper

96 100

61 109.8 134.6 202.0#

98 47.2 51.0 76.6#





#13

Acrolein

Concen: 2.981 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.000 min

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Acq: 28 Feb 2025 04:10

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ClientSampleId :

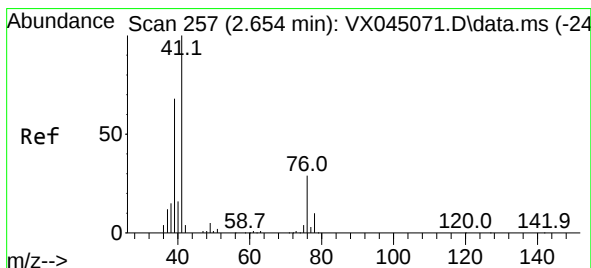
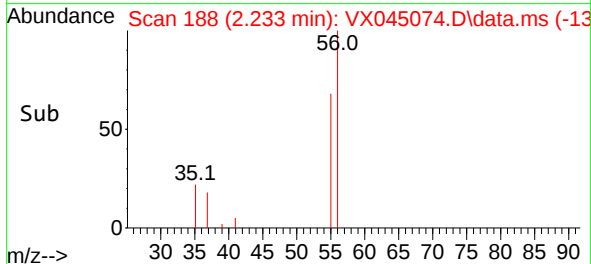
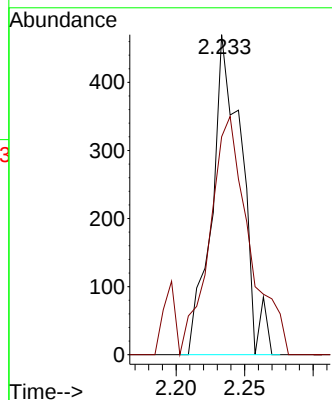
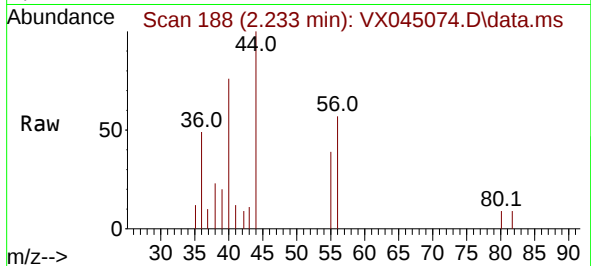
IBLK

Tgt Ion: 56 Resp: 711

Ion Ratio Lower Upper

56 100

55 98.7 56.2 84.4#



#14

Allyl chloride

Concen: 0.433 ug/l

RT: 2.654 min Scan# 257

Delta R.T. -0.000 min

Lab File: VX045074.D

Acq: 28 Feb 2025 04:10

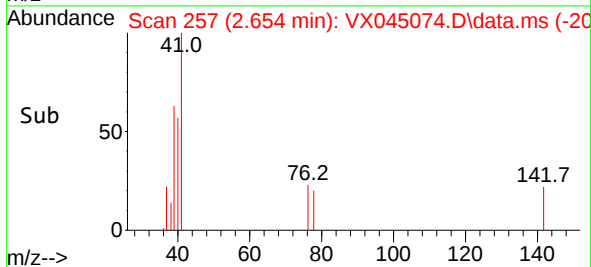
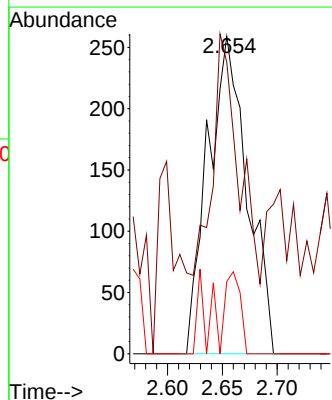
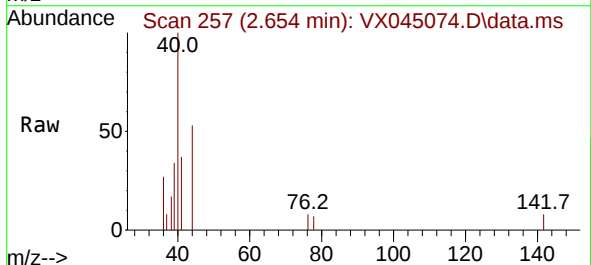
Tgt Ion: 41 Resp: 649

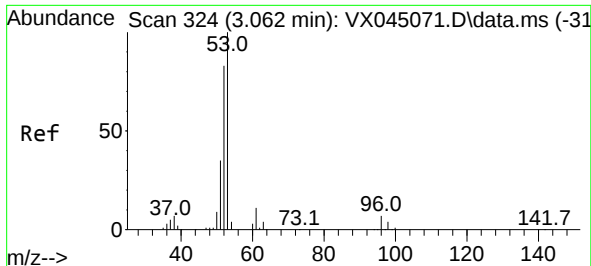
Ion Ratio Lower Upper

41 100

39 72.4 53.8 80.8

76 0.0 25.2 37.8#

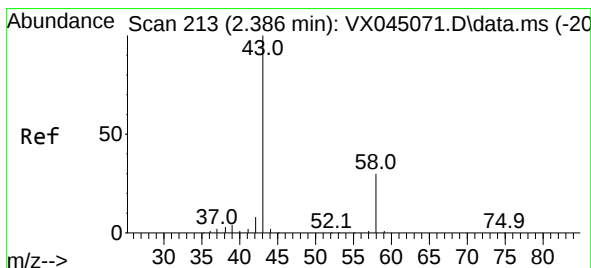
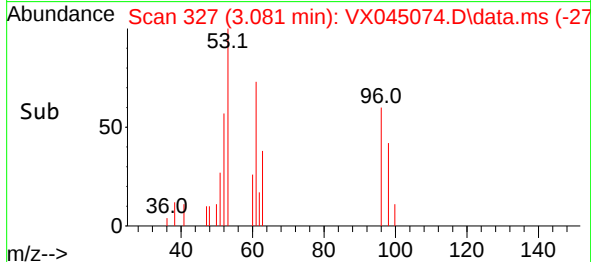
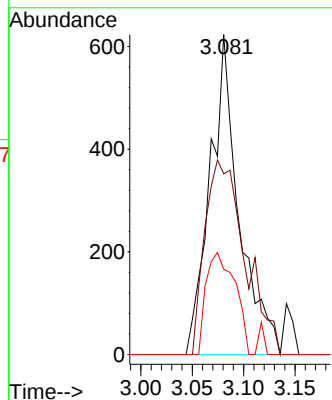
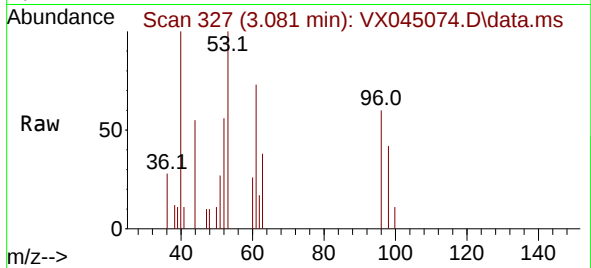




#15
Acrylonitrile
Concen: 2.210 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

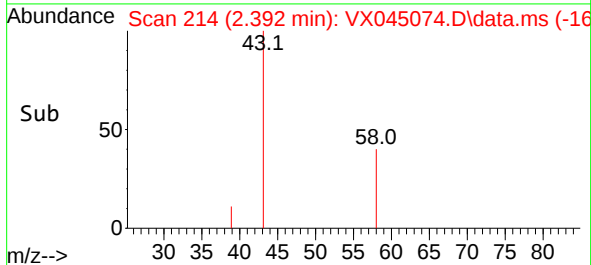
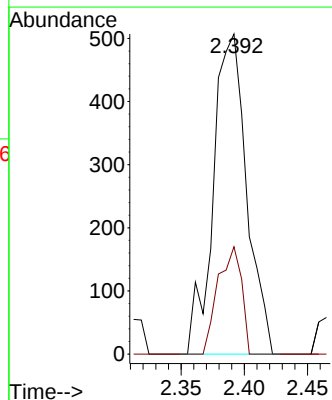
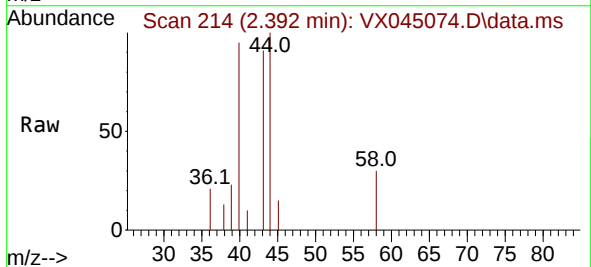
Instrument :
MSVOA_X
ClientSampleId :
IBLK

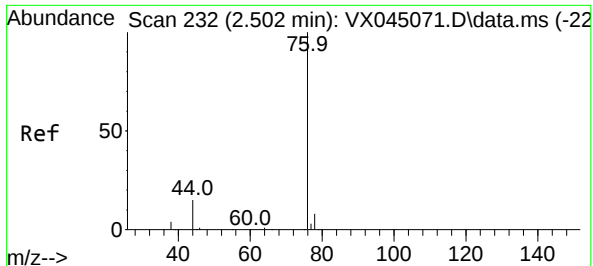
Tgt Ion: 53 Resp: 1222
Ion Ratio Lower Upper
53 100
52 84.1 66.2 99.2
51 31.8 29.0 43.4



#16
Acetone
Concen: 1.844 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 33.5 24.2 36.4





#17

Carbon Disulfide

Concen: 2.558 ug/l

RT: 2.501 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX045074.D

Acq: 28 Feb 2025 04:10

Instrument :

MSVOA_X

ClientSampleId :

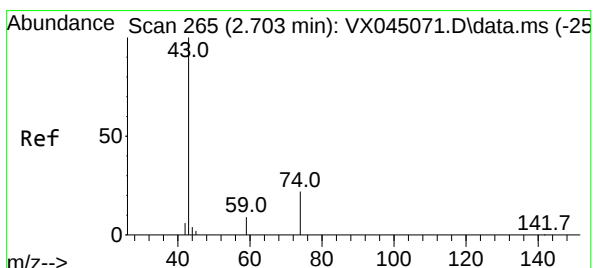
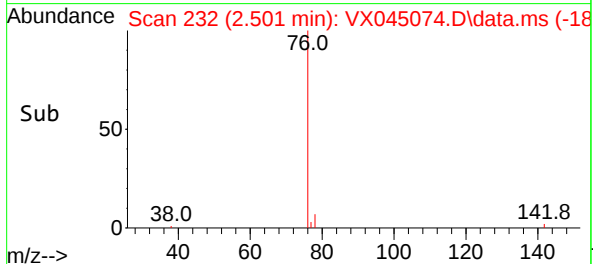
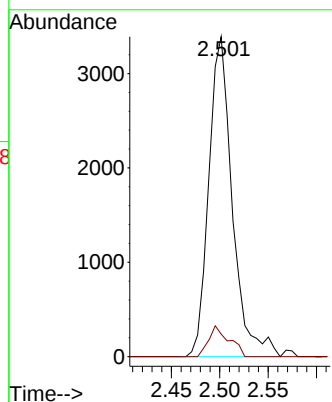
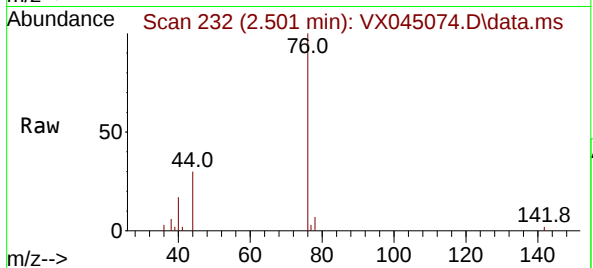
IBLK

Tgt Ion: 76 Resp: 5734

Ion Ratio Lower Upper

76 100

78 7.0 6.6 9.8



#18

Methyl Acetate

Concen: 0.603 ug/l

RT: 2.709 min Scan# 266

Delta R.T. 0.006 min

Lab File: VX045074.D

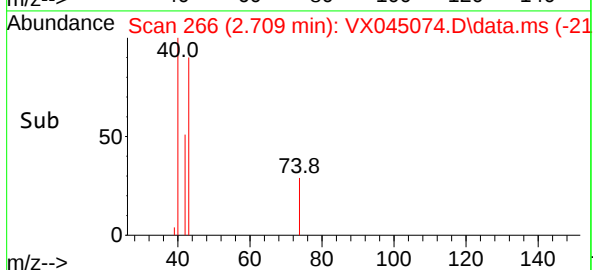
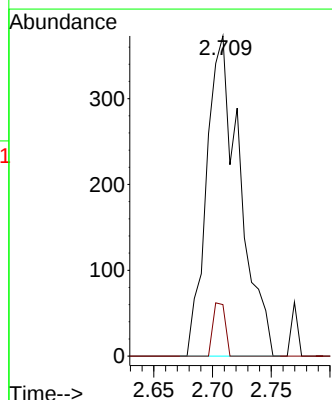
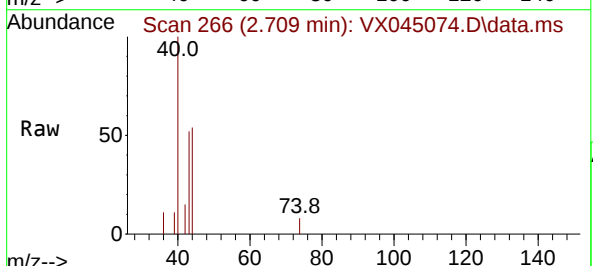
Acq: 28 Feb 2025 04:10

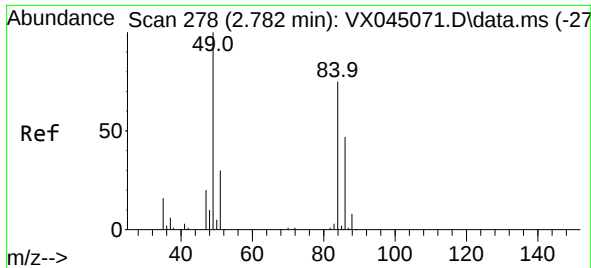
Tgt Ion: 43 Resp: 733

Ion Ratio Lower Upper

43 100

74 6.1 17.4 26.2#

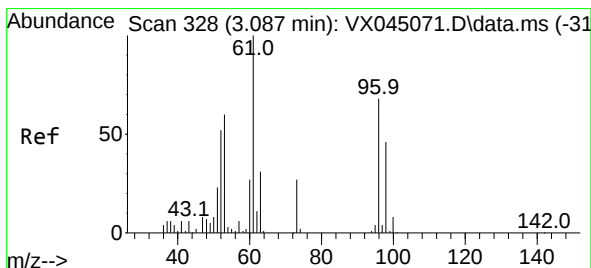
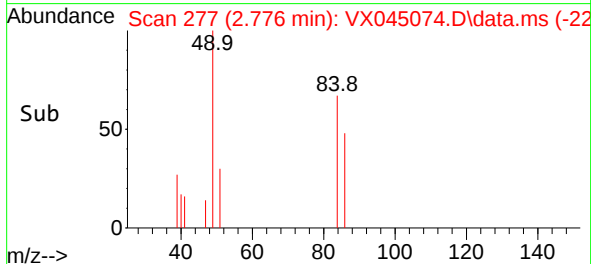
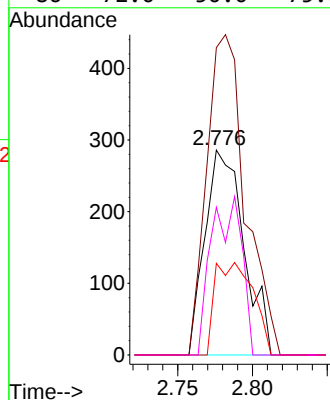
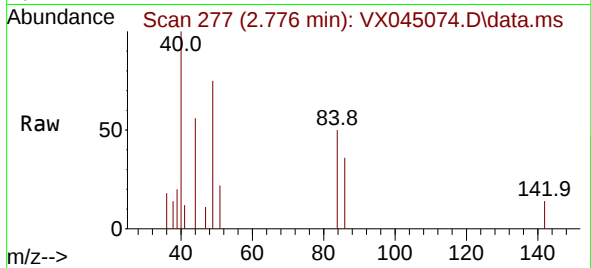




#20
Methylene Chloride
Concen: 0.515 ug/l
RT: 2.776 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

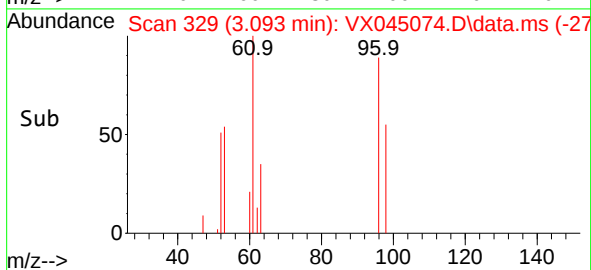
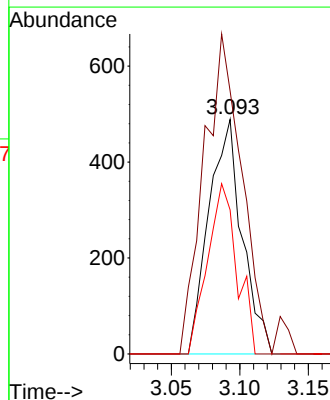
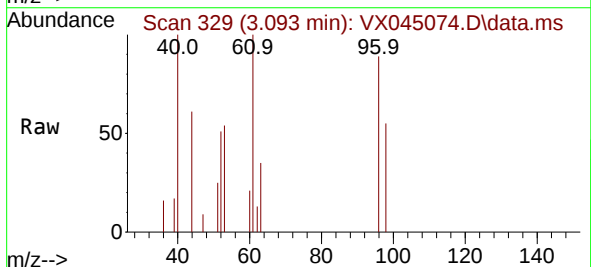
Instrument :
MSVOA_X
ClientSampleId :
IBLK

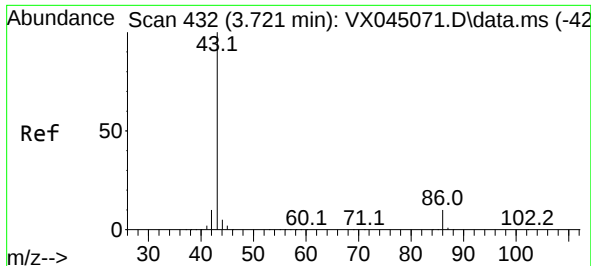
Tgt Ion:	84	Resp:	516
Ion	Ratio	Lower	Upper
84	100		
49	150.0	106.5	159.7
51	44.8	32.1	48.1
86	72.0	50.0	75.0



#21
trans-1,2-Dichloroethene
Concen: 0.992 ug/l
RT: 3.093 min Scan# 329
Delta R.T. 0.006 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion:	96	Resp:	825
Ion	Ratio	Lower	Upper
96	100		
61	112.1	117.0	175.4#
98	61.3	53.4	80.2

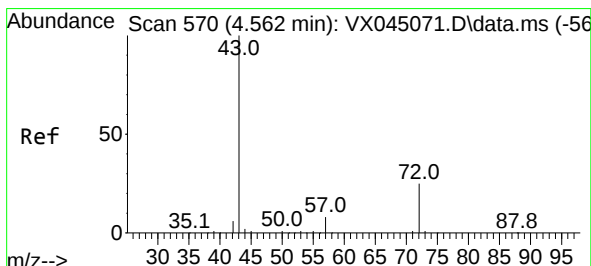
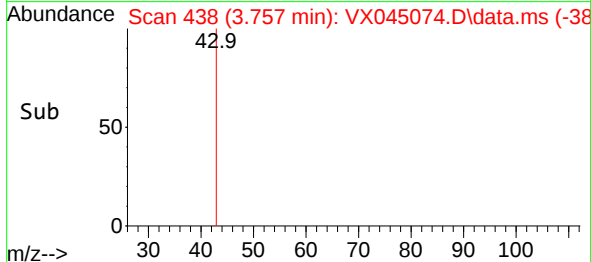
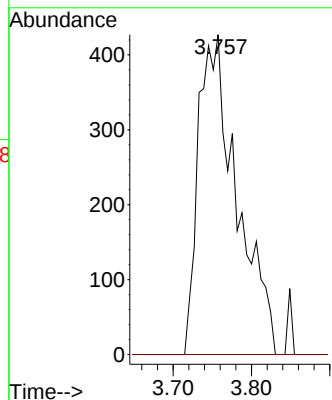
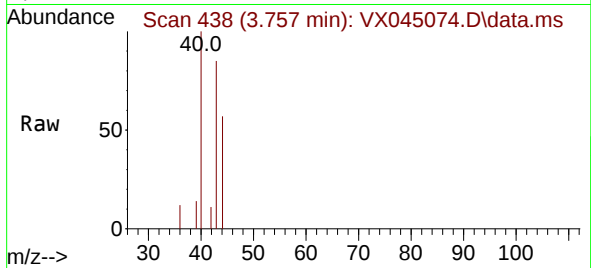




#23
 Vinyl Acetate
 Concen: 0.573 ug/l
 RT: 3.757 min Scan# 41
 Delta R.T. 0.036 min
 Lab File: VX045074.D
 Acq: 28 Feb 2025 04:10

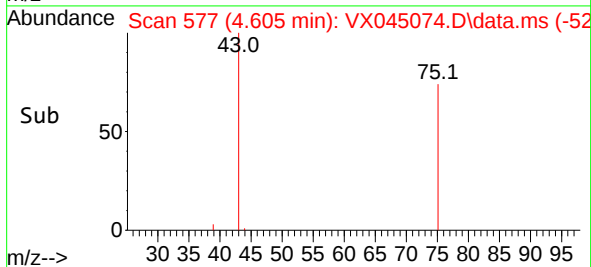
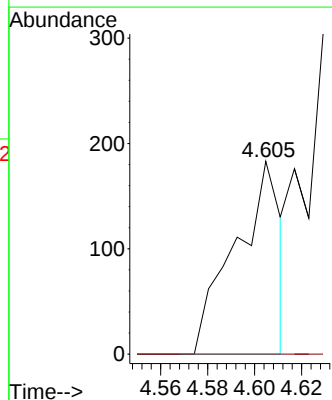
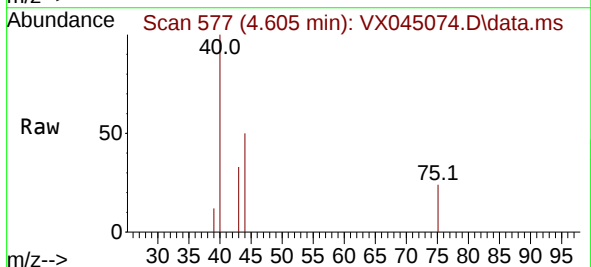
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

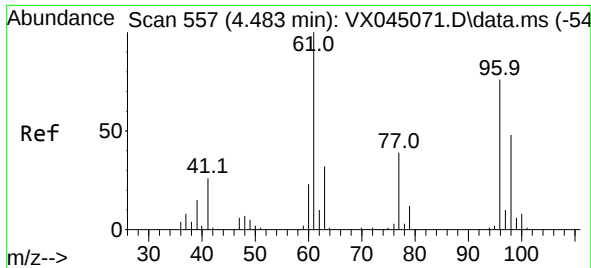
Tgt Ion: 43 Resp: 1457
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.1 12.1#



#25
 2-Butanone
 Concen: 0.323 ug/l
 RT: 4.605 min Scan# 577
 Delta R.T. 0.043 min
 Lab File: VX045074.D
 Acq: 28 Feb 2025 04:10

Tgt Ion: 43 Resp: 246
 Ion Ratio Lower Upper
 43 100
 72 0.0 20.0 30.0#





#27

cis-1,2-Dichloroethene

Concen: 0.468 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX045074.D

Acq: 28 Feb 2025 04:10

Instrument :

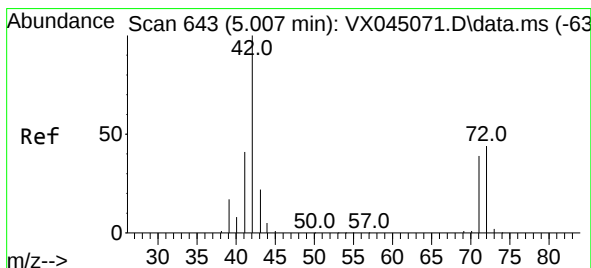
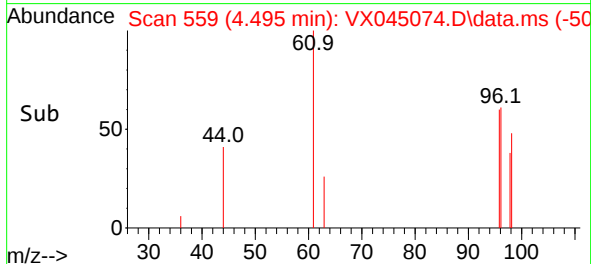
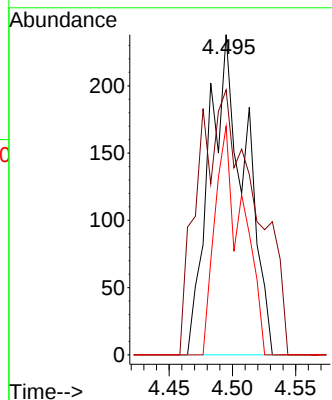
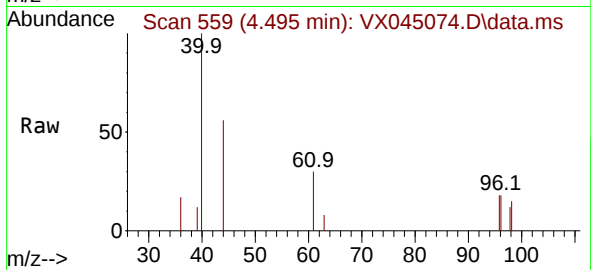
MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 96 Resp: 480

Ion	Ratio	Lower	Upper
96	100		
61	127.5	0.0	283.2
98	54.4	0.0	128.0



#29

Tetrahydrofuran

Concen: 0.636 ug/l

RT: 5.038 min Scan# 648

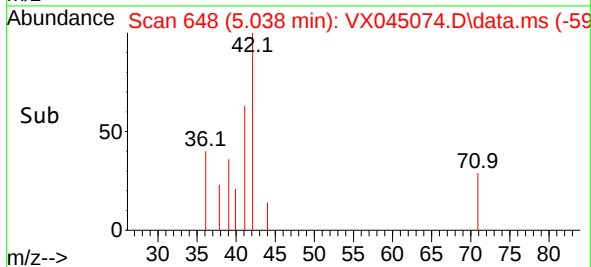
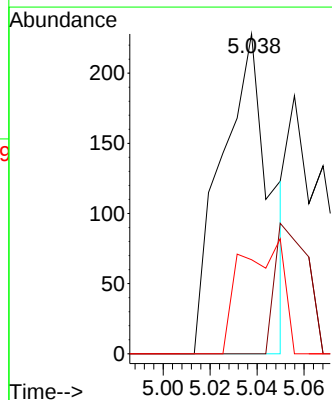
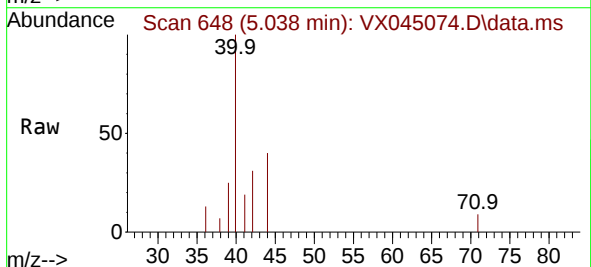
Delta R.T. 0.030 min

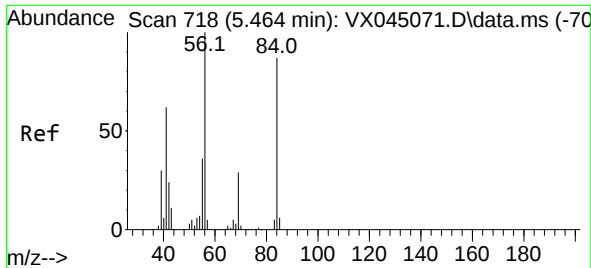
Lab File: VX045074.D

Acq: 28 Feb 2025 04:10

Tgt Ion: 42 Resp: 325

Ion	Ratio	Lower	Upper
42	100		
72	27.4	34.1	51.1#
71	31.7	31.4	47.0

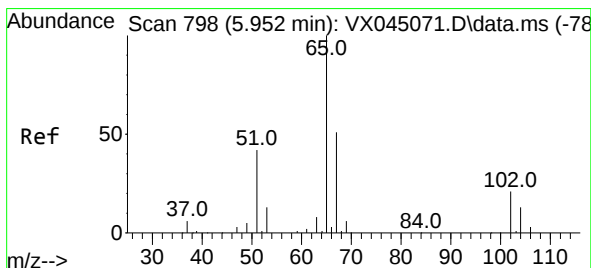
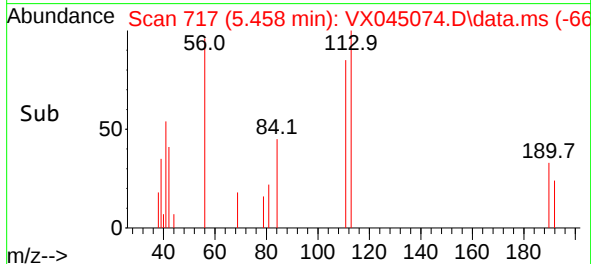
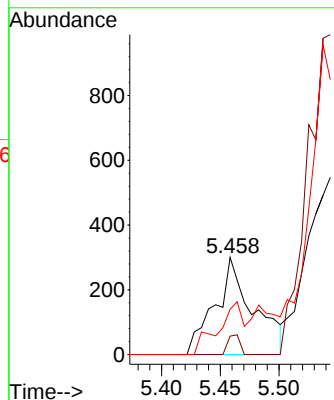
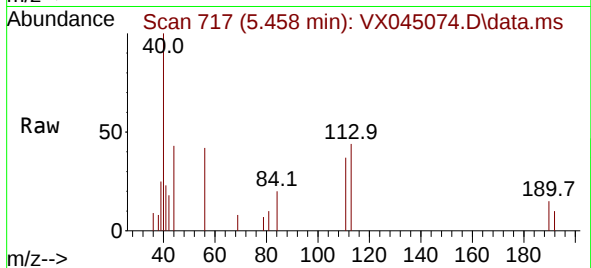




#31
Cyclohexane
Concen: 0.460 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

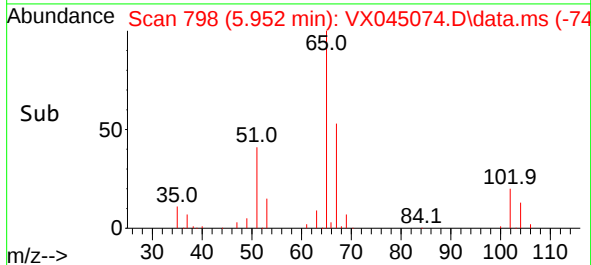
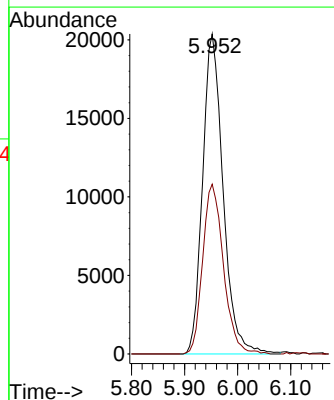
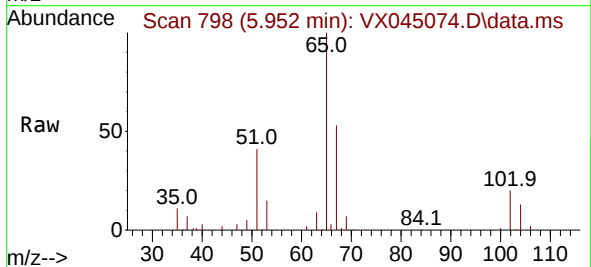
Instrument :
MSVOA_X
ClientSampleId :
IBLK

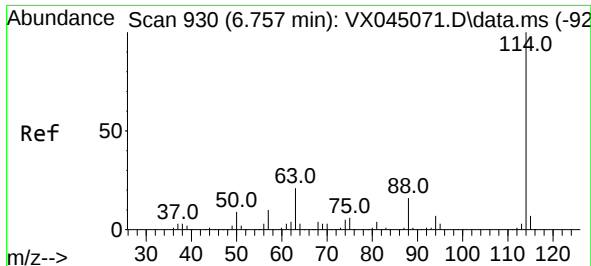
Tgt Ion: 56 Resp: 682
Ion Ratio Lower Upper
56 100
69 19.0 23.4 35.2#
84 46.7 69.4 104.2#



#33
1,2-Dichloroethane-d4
Concen: 50.211 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion: 65 Resp: 54700
Ion Ratio Lower Upper
65 100
67 53.8 0.0 106.2

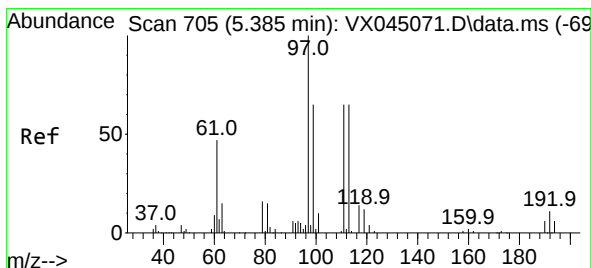
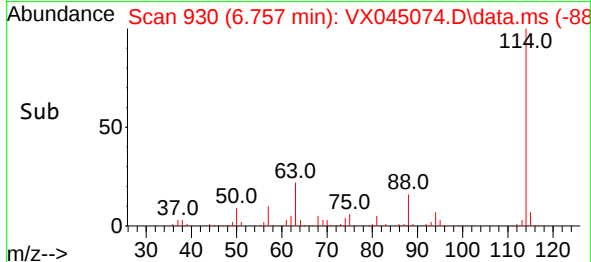
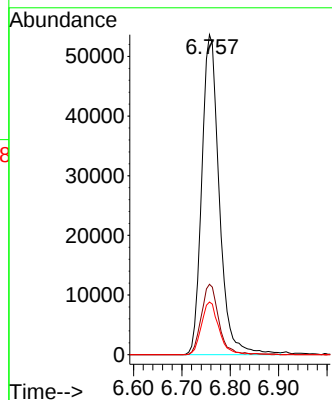
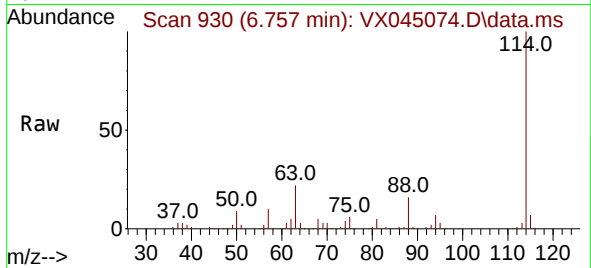




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

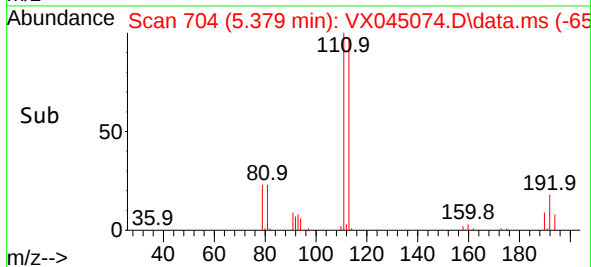
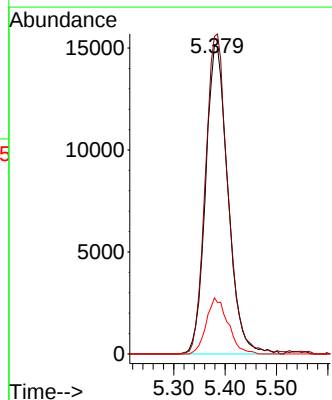
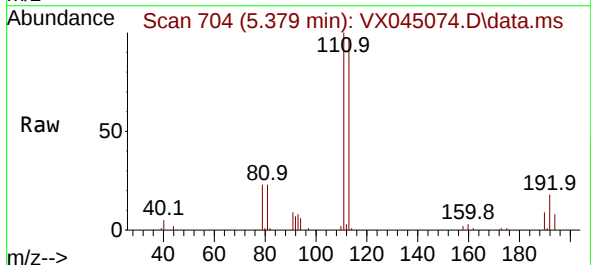
Instrument :
MSVOA_X
ClientSampleId :
IBLK

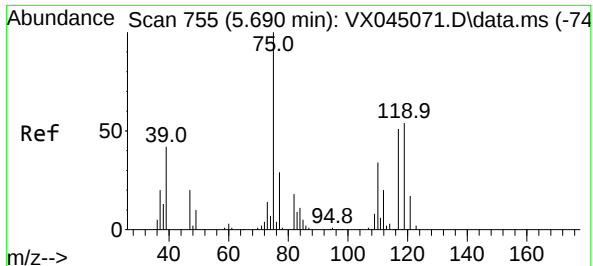
Tgt Ion:114 Resp: 134908
Ion Ratio Lower Upper
114 100
63 22.0 0.0 41.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.845 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion:113 Resp: 45867
Ion Ratio Lower Upper
113 100
111 103.4 81.8 122.6
192 17.6 14.3 21.5





#36

1,1-Dichloropropene

Concen: 0.639 ug/l

RT: 5.702 min Scan# 71

Delta R.T. 0.012 min

Lab File: VX045074.D

Acq: 28 Feb 2025 04:10

Instrument :

MSVOA_X

ClientSampleId :

IBLK

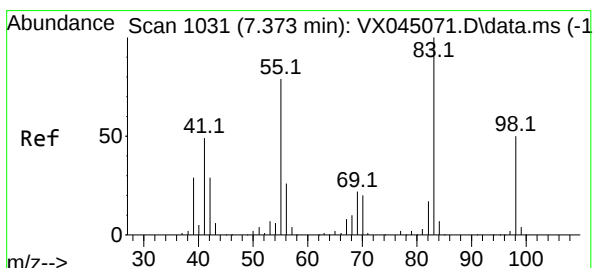
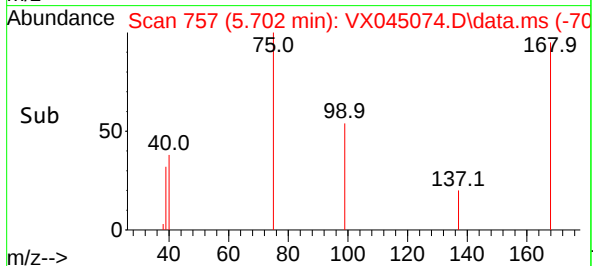
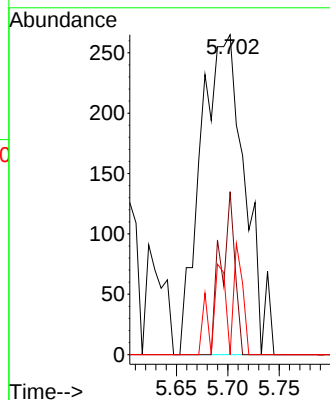
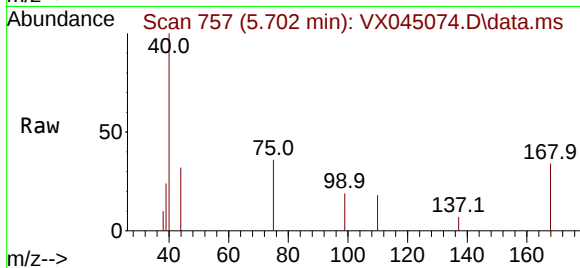
Tgt Ion: 75 Resp: 790

Ion Ratio Lower Upper

75 100

110 16.1 16.9 50.6#

77 7.0 24.5 36.7#



#39

Methylcyclohexane

Concen: 0.446 ug/l

RT: 7.366 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VX045074.D

Acq: 28 Feb 2025 04:10

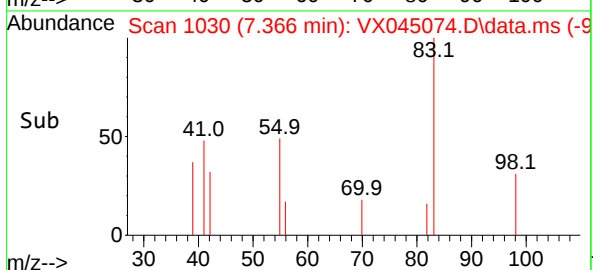
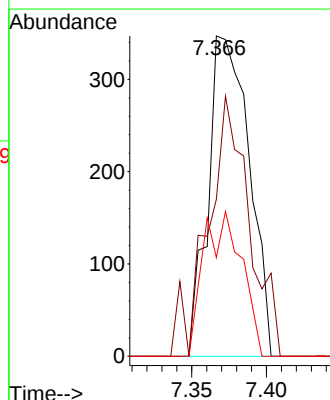
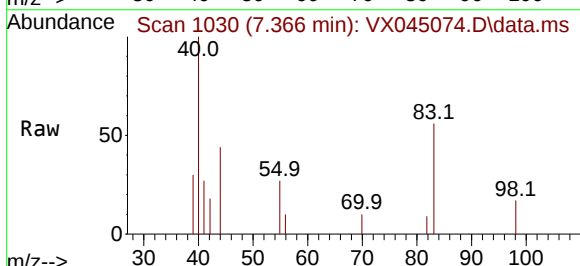
Tgt Ion: 83 Resp: 661

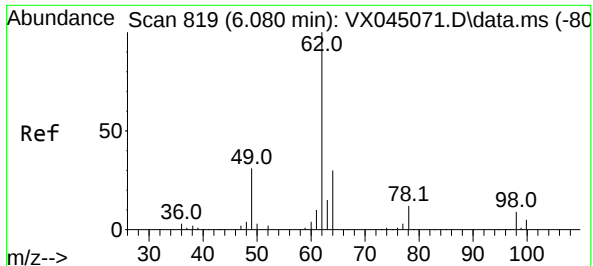
Ion Ratio Lower Upper

83 100

55 49.0 63.0 94.4#

98 30.8 39.7 59.5#





#42

1,2-Dichloroethane

Concen: 0.240 ug/l

RT: 6.092 min Scan# 819

Delta R.T. 0.012 min

Lab File: VX045074.D

Acq: 28 Feb 2025 04:10

Instrument :

MSVOA_X

ClientSampleId :

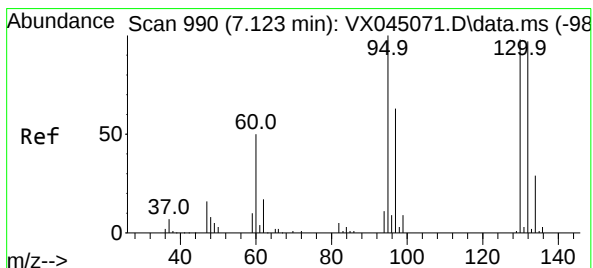
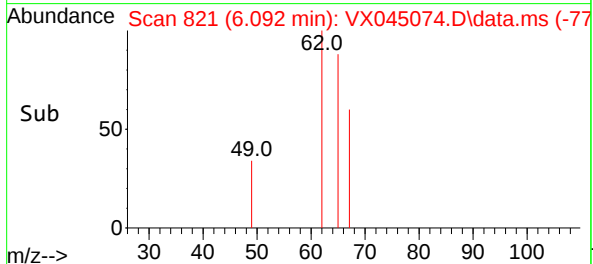
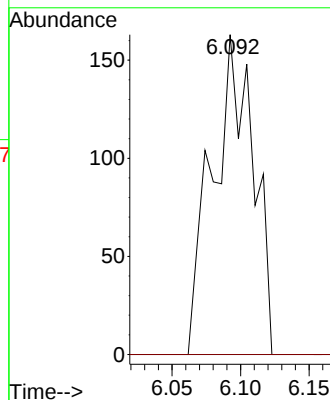
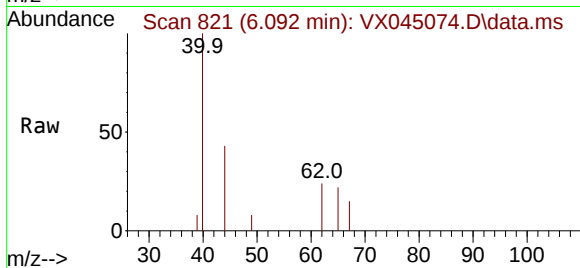
IBLK

Tgt Ion: 62 Resp: 337

Ion Ratio Lower Upper

62 100

98 0.0 0.0 18.2



#44

Trichloroethene

Concen: 0.541 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.012 min

Lab File: VX045074.D

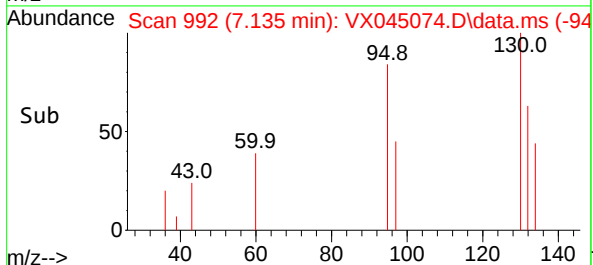
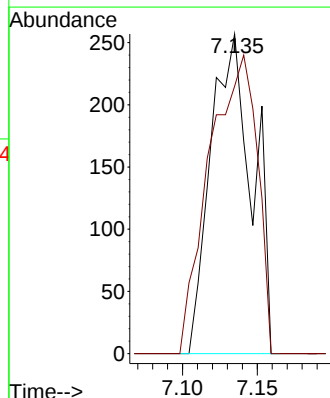
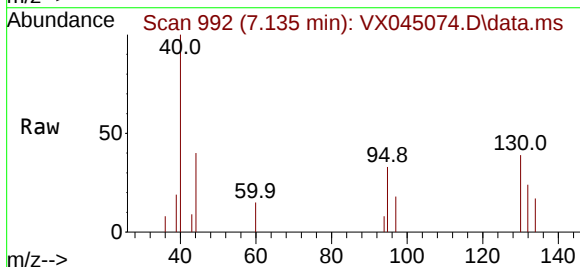
Acq: 28 Feb 2025 04:10

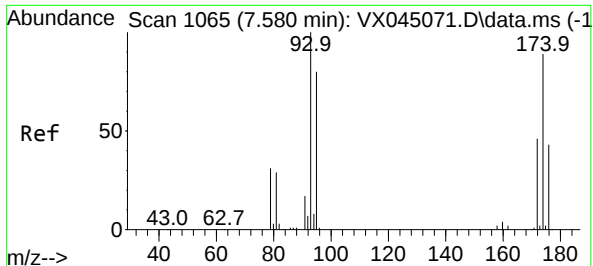
Tgt Ion:130 Resp: 496

Ion Ratio Lower Upper

130 100

95 83.7 0.0 205.0

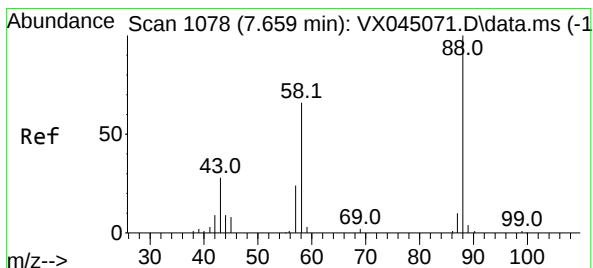
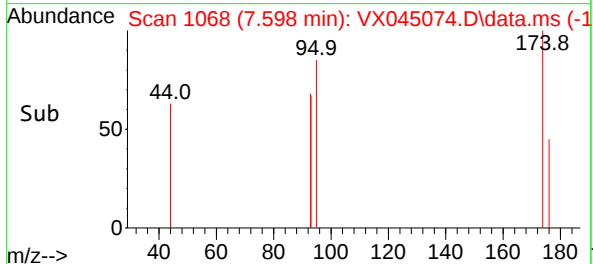
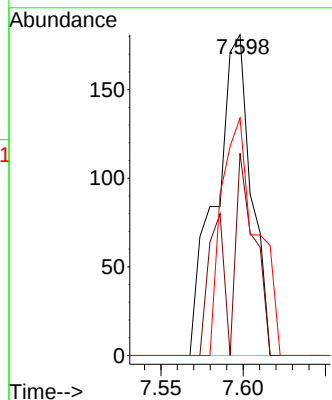
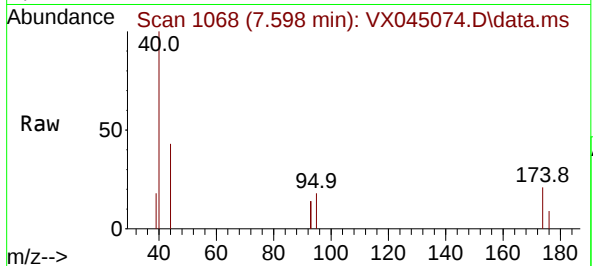




#46
Dibromomethane
Concen: 0.385 ug/l
RT: 7.598 min Scan# 1065
Delta R.T. 0.018 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

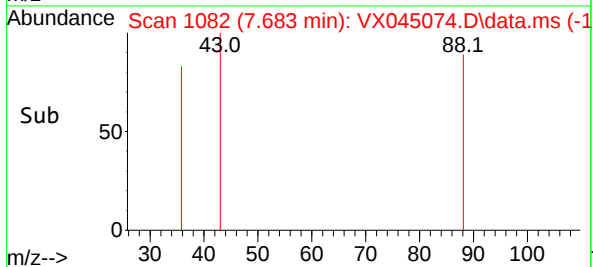
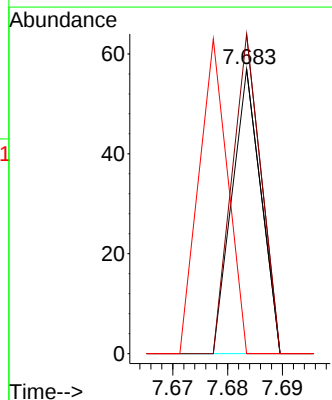
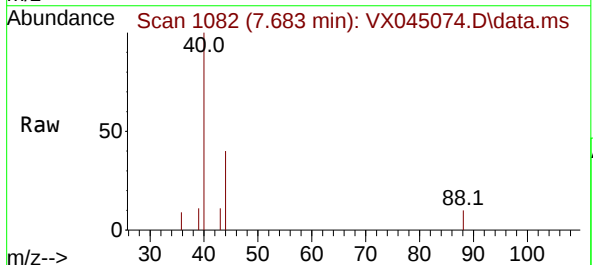
Instrument :
MSVOA_X
ClientSampleId :
IBLK

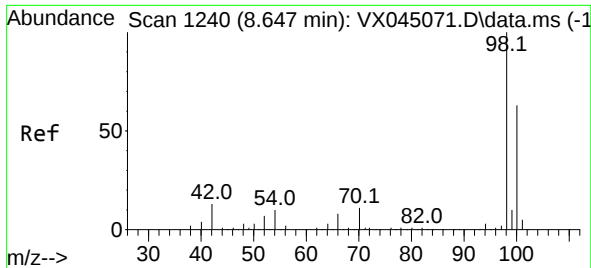
Tgt Ion: 93 Resp: 273
Ion Ratio Lower Upper
93 100
95 32.6 65.8 98.8#
174 72.5 72.2 108.2



#49
1,4-Dioxane
Concen: 0.842 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. 0.024 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion: 88 Resp: 21
Ion Ratio Lower Upper
88 100
43 109.5 28.7 43.1#
58 109.5 55.8 83.8#

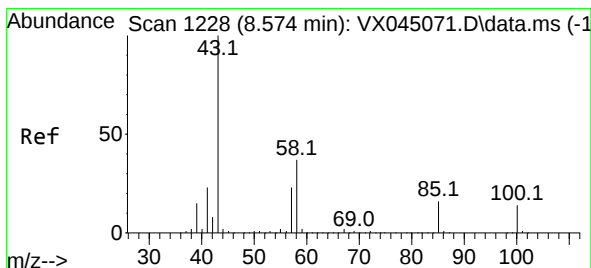
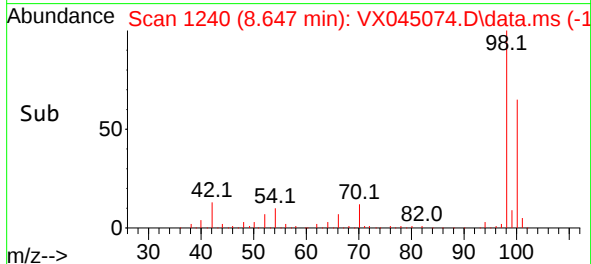
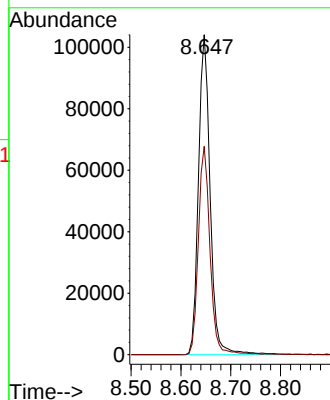
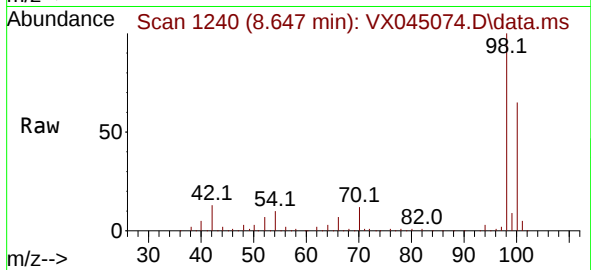




#50
Toluene-d8
Concen: 51.779 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

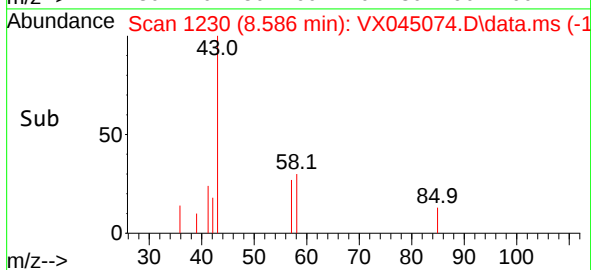
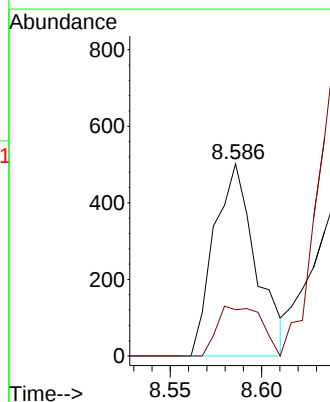
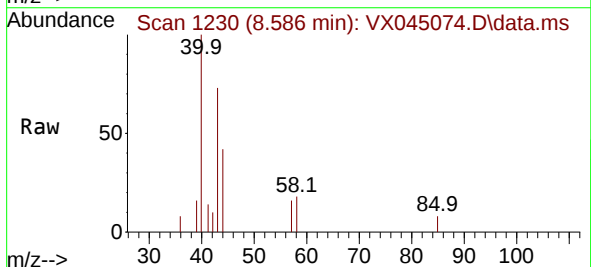
Instrument :
MSVOA_X
ClientSampleId :
IBLK

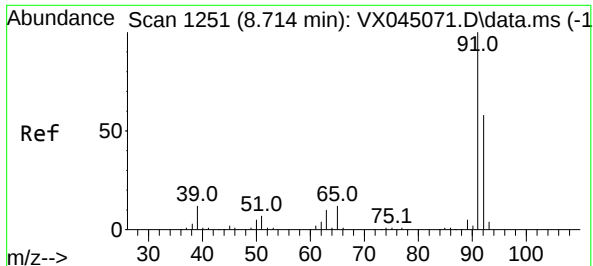
Tgt Ion: 98 Resp: 169337
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.503 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion: 43 Resp: 796
Ion Ratio Lower Upper
43 100
58 27.4 29.2 43.8#

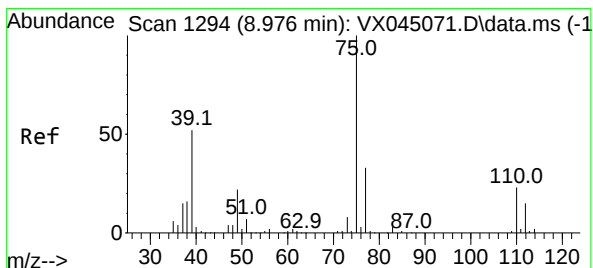
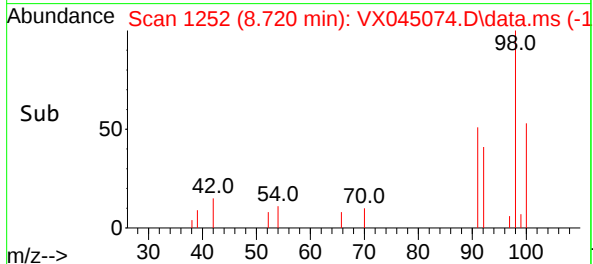
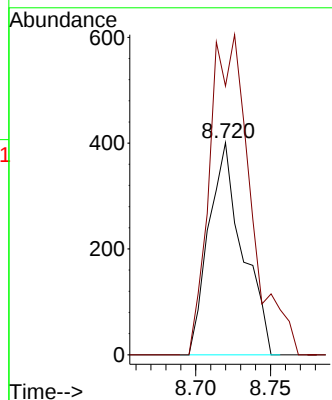
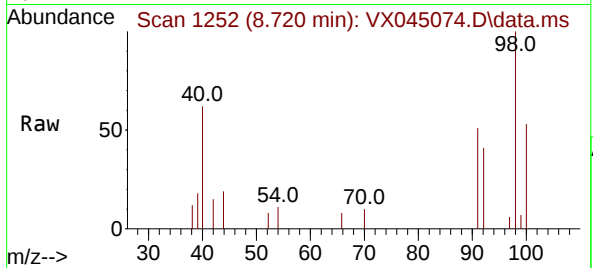




#52
Toluene
Concen: 0.275 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

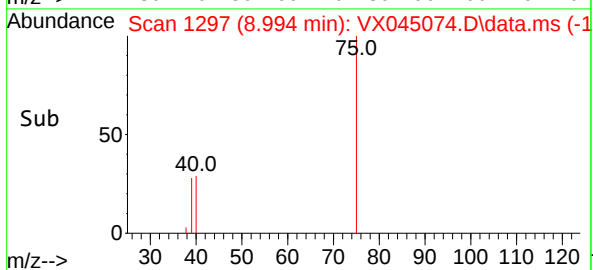
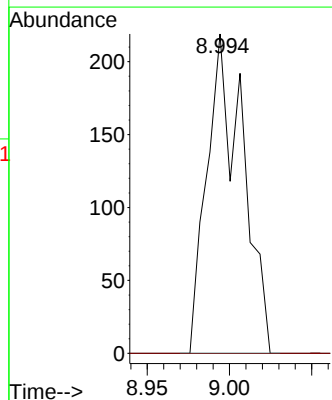
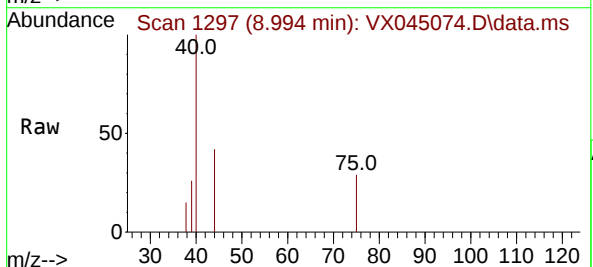
Instrument :
MSVOA_X
ClientSampleId :
IBLK

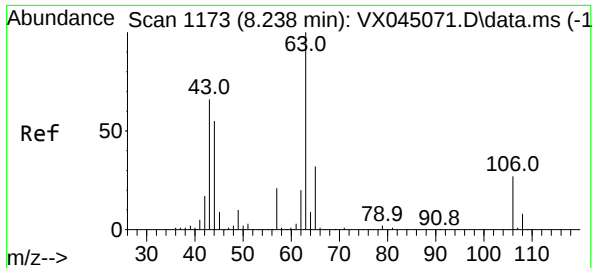
Tgt Ion: 92 Resp: 631
Ion Ratio Lower Upper
92 100
91 182.1 138.9 208.3



#53
t-1,3-Dichloropropene
Concen: 0.283 ug/l
RT: 8.994 min Scan# 1297
Delta R.T. 0.018 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion: 75 Resp: 330
Ion Ratio Lower Upper
75 100
77 0.0 26.5 39.7#

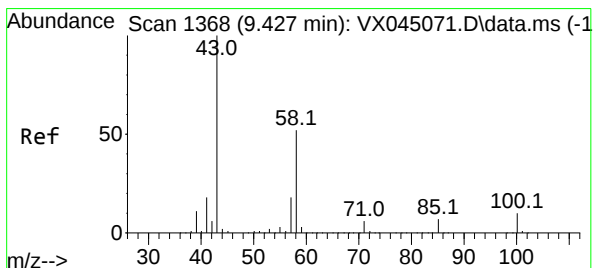
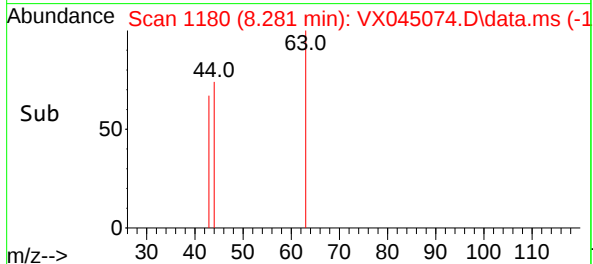
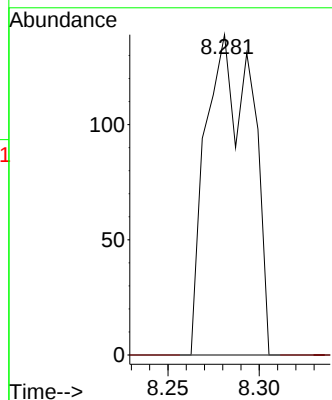
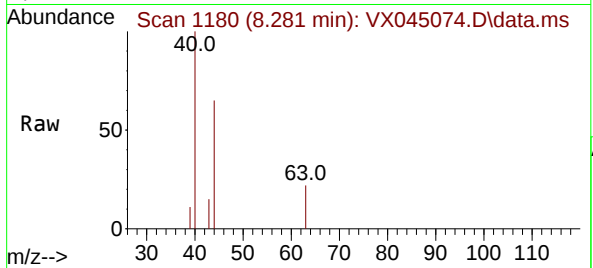




#58
2-Chloroethyl Vinyl ether
Concen: 0.347 ug/l
RT: 8.281 min Scan# 1173
Delta R.T. 0.043 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

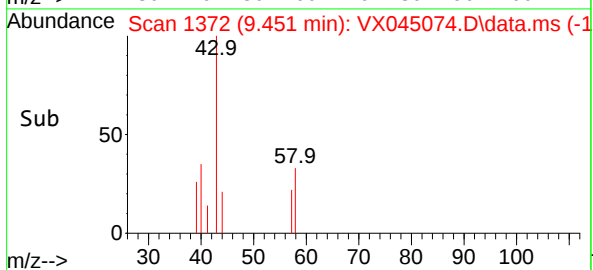
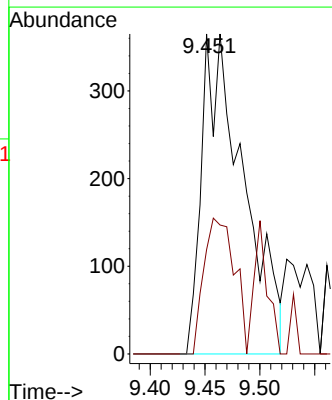
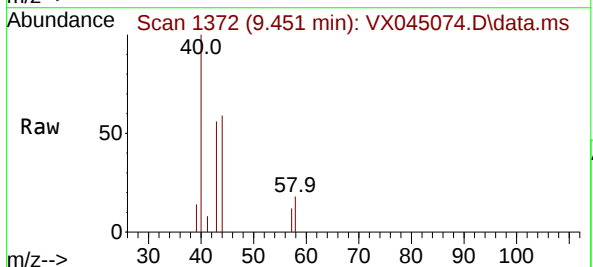
Instrument :
MSVOA_X
ClientSampleId :
IBLK

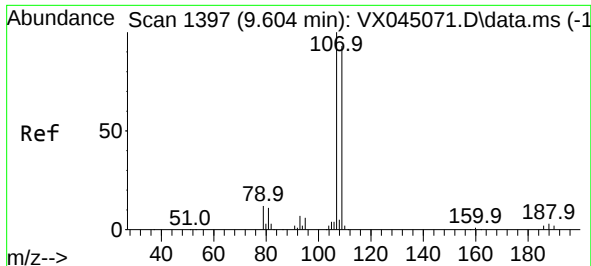
Tgt Ion: 63 Resp: 243
Ion Ratio Lower Upper
63 100
106 0.0 21.5 32.3#



#59
2-Hexanone
Concen: 0.843 ug/l
RT: 9.451 min Scan# 1372
Delta R.T. 0.024 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion: 43 Resp: 967
Ion Ratio Lower Upper
43 100
58 31.1 25.9 77.6

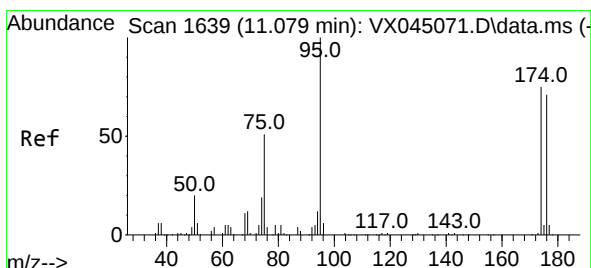
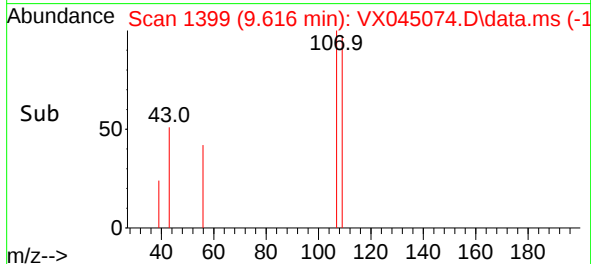
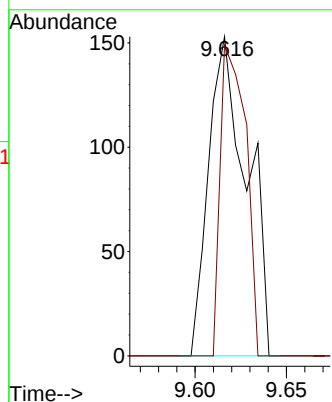
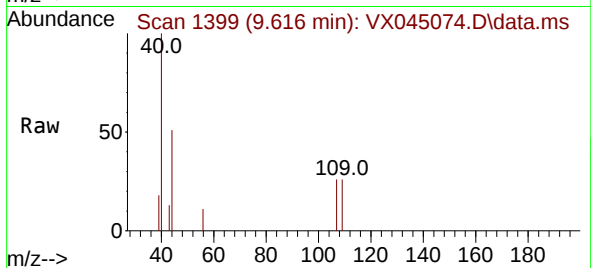




#61
1,2-Dibromoethane
Concen: 0.236 ug/l
RT: 9.616 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

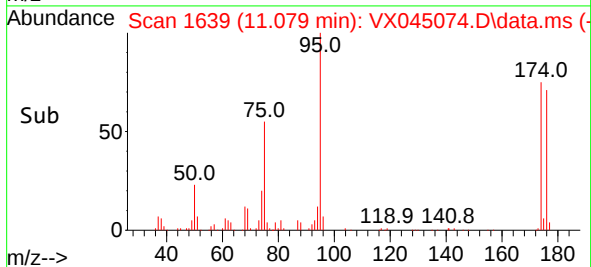
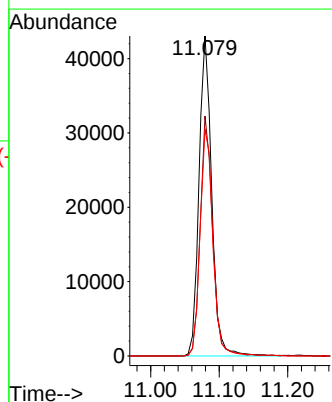
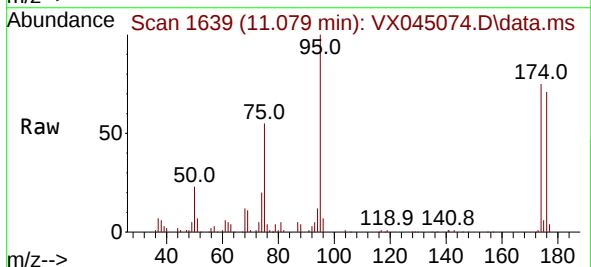
Instrument :
MSVOA_X
ClientSampleId :
IBLK

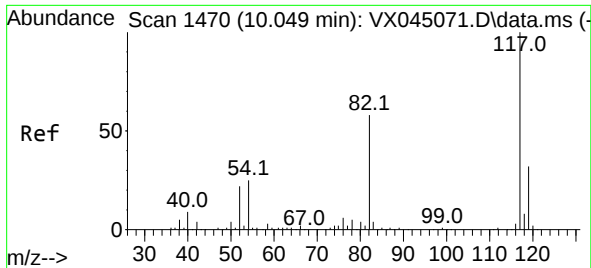
Tgt Ion:107 Resp: 222
Ion Ratio Lower Upper
107 100
109 64.9 76.1 114.1#



#62
4-Bromofluorobenzene
Concen: 51.214 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion: 95 Resp: 55501
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.2
176 71.5 0.0 141.4

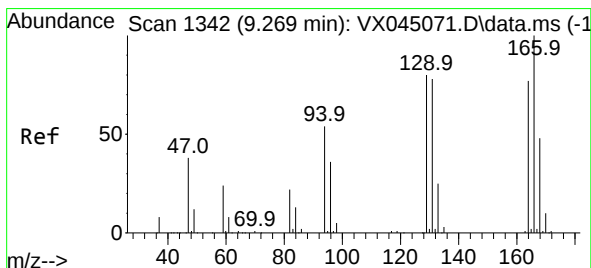
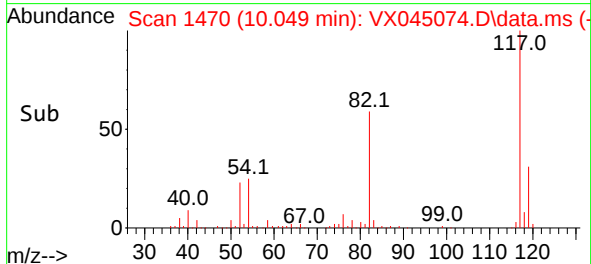
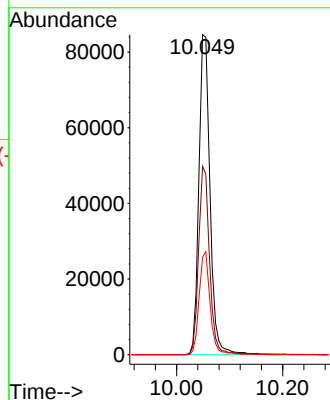
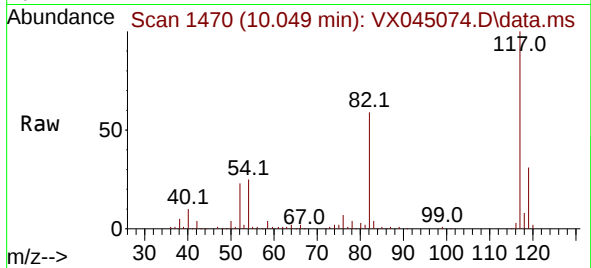




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

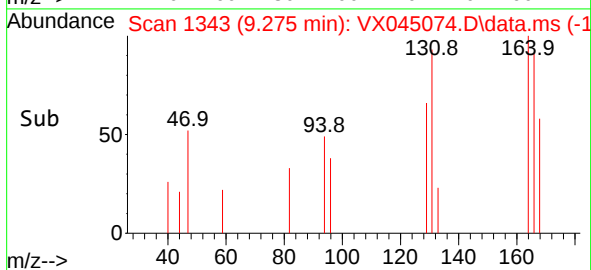
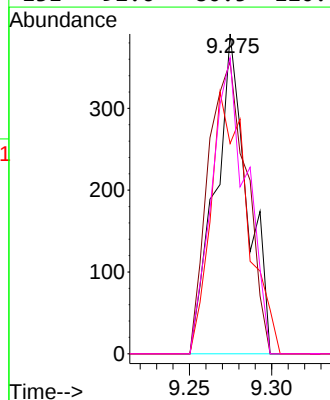
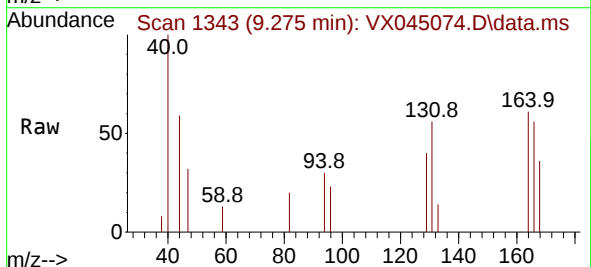
Instrument :
MSVOA_X
ClientSampleId :
IBLK

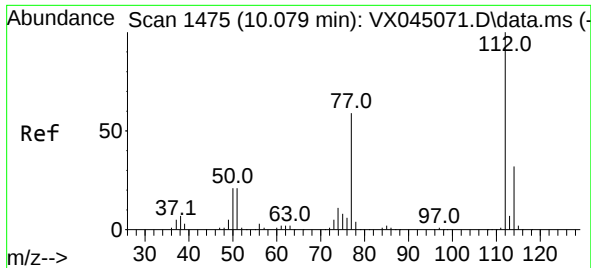
Tgt Ion:117 Resp: 123448
Ion Ratio Lower Upper
117 100
82 58.9 46.3 69.5
119 30.5 25.7 38.5



#64
Tetrachloroethene
Concen: 0.668 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion:164 Resp: 528
Ion Ratio Lower Upper
164 100
166 91.3 103.6 155.4#
129 65.7 82.7 124.1#
131 92.6 80.5 120.7

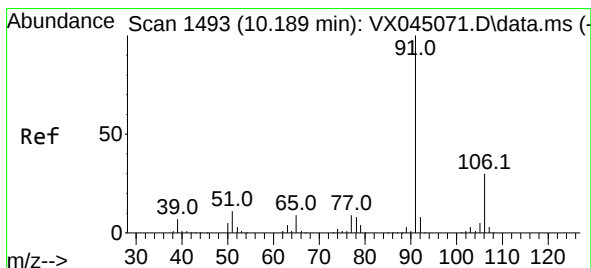
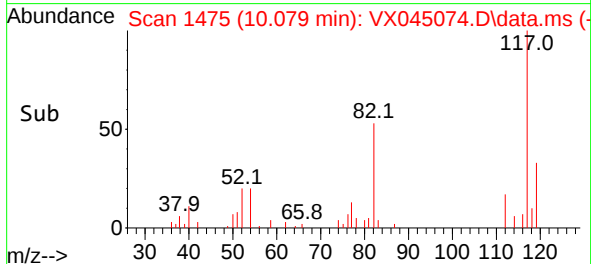
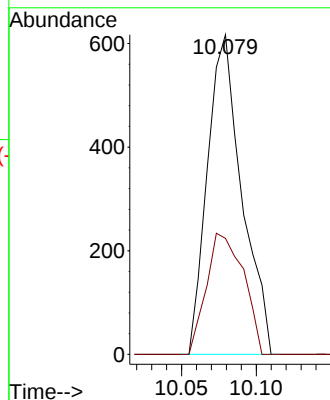
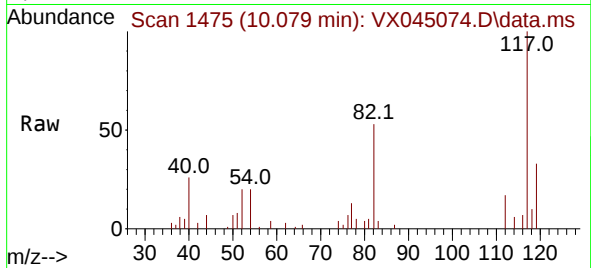




#65
Chlorobenzene
Concen: 0.378 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

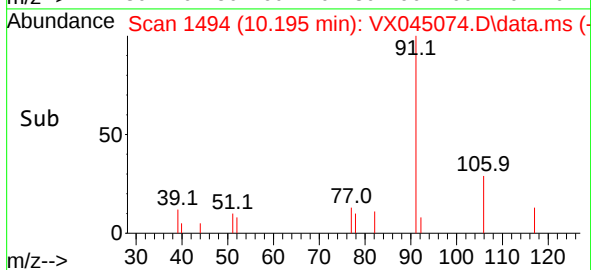
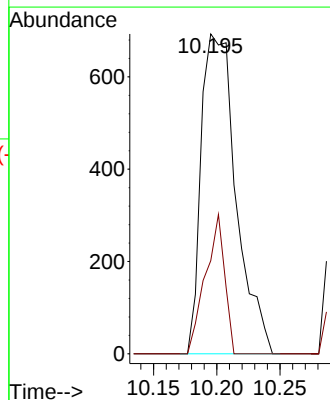
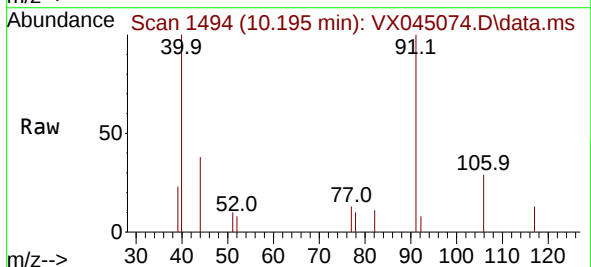
Instrument :
MSVOA_X
ClientSampleId :
IBLK

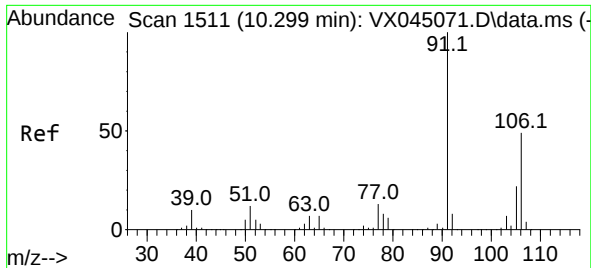
Tgt Ion:112 Resp: 987
Ion Ratio Lower Upper
112 100
114 36.3 26.0 39.0



#67
Ethyl Benzene
Concen: 0.292 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion: 91 Resp: 1330
Ion Ratio Lower Upper
91 100
106 29.1 23.9 35.9

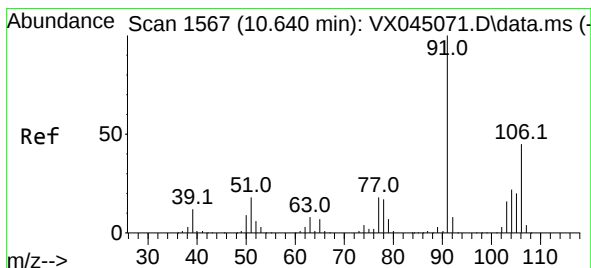
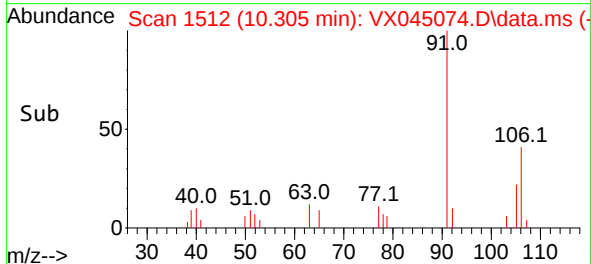
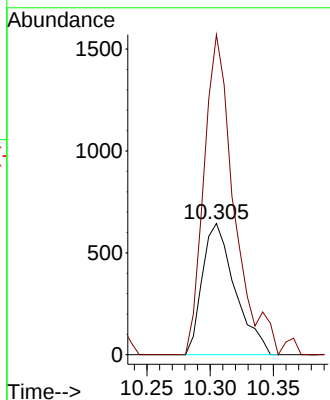
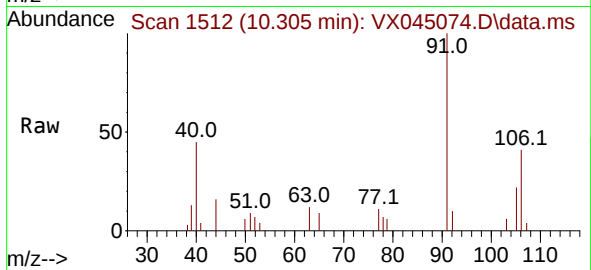




#68
m/p-Xylenes
Concen: 0.696 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

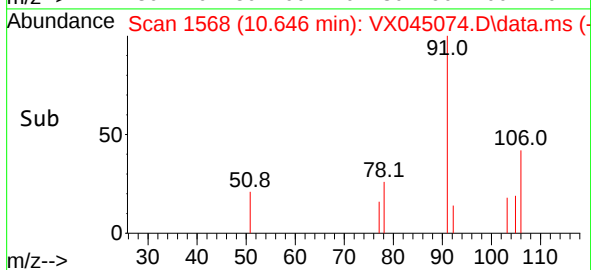
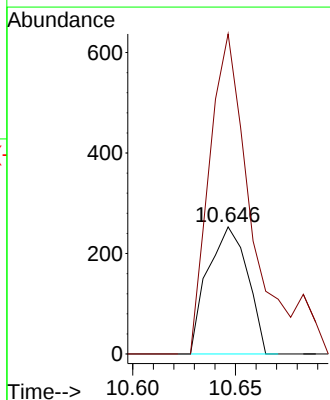
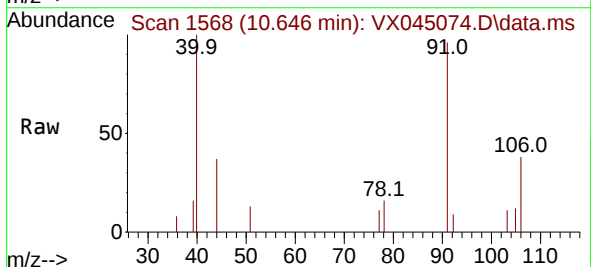
Instrument :
MSVOA_X
ClientSampleId :
IBLK

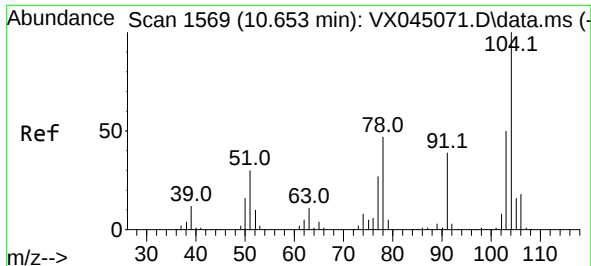
Tgt Ion:106 Resp: 1160
Ion Ratio Lower Upper
106 100
91 229.1 165.4 248.0



#69
o-Xylene
Concen: 0.203 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion:106 Resp: 341
Ion Ratio Lower Upper
106 100
91 274.2 109.9 329.6

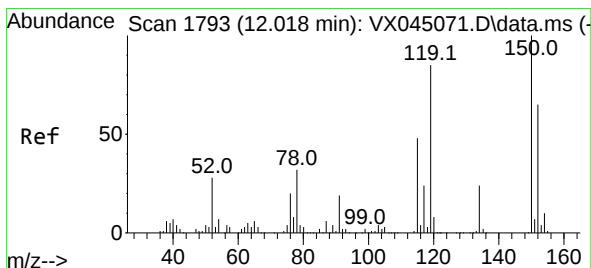
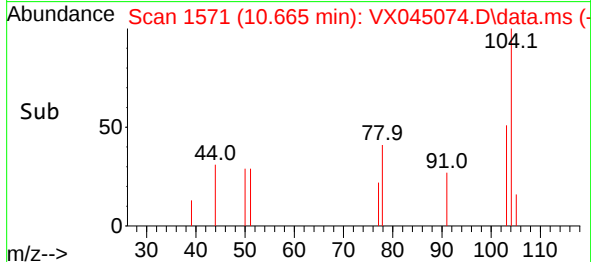
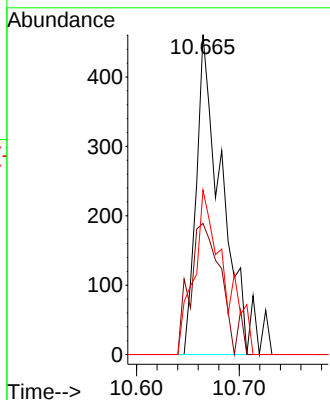
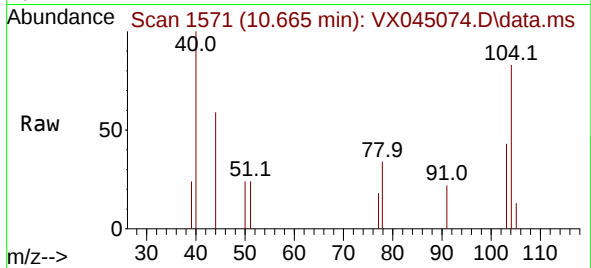




#70
Styrene
Concen: 0.300 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.012 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

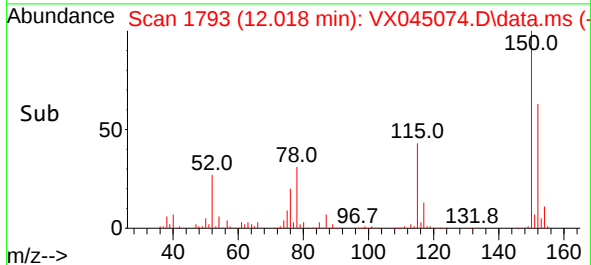
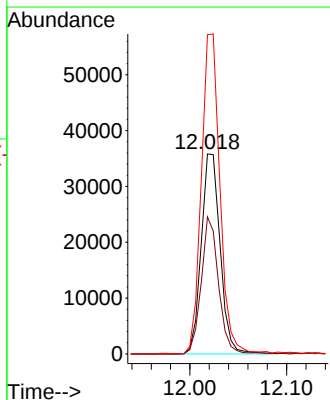
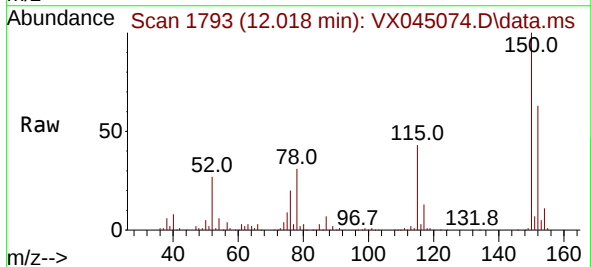
Instrument :
MSVOA_X
ClientSampleId :
IBLK

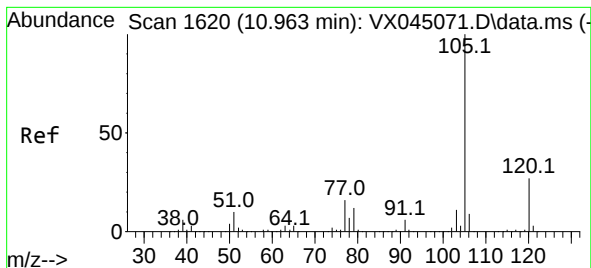
Tgt Ion:104 Resp: 817
Ion Ratio Lower Upper
104 100
78 49.2 42.2 63.4
103 59.2 43.8 65.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion:152 Resp: 48822
Ion Ratio Lower Upper
152 100
115 62.8 44.2 132.6
150 157.6 0.0 349.0





#73

Isopropylbenzene

Concen: 0.301 ug/l

RT: 10.963 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX045074.D

Acq: 28 Feb 2025 04:10

Instrument :

MSVOA_X

ClientSampleId :

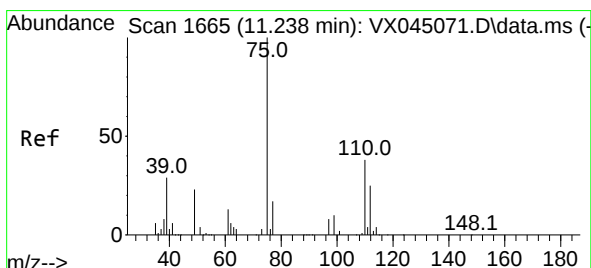
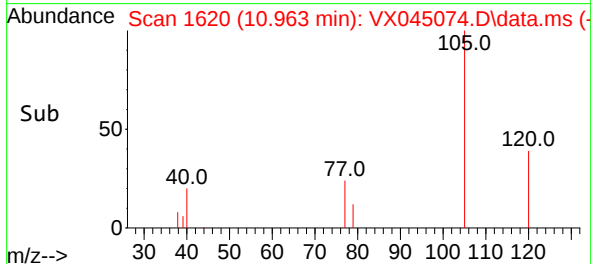
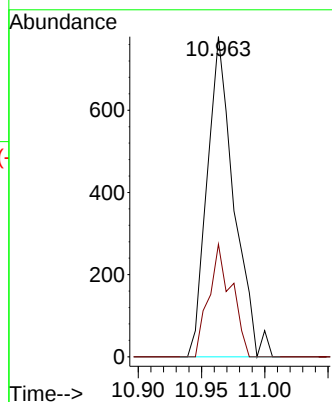
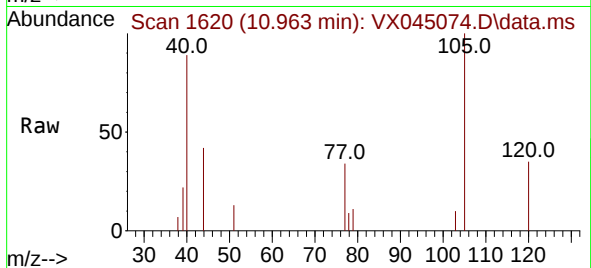
IBLK

Tgt Ion:105 Resp: 1147

Ion Ratio Lower Upper

105 100

120 30.0 13.2 39.5



#76

1,2,3-Trichloropropane

Concen: 26.688 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX045074.D

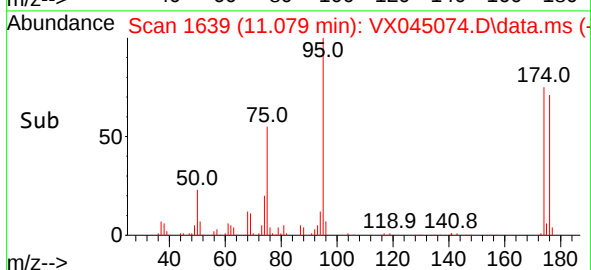
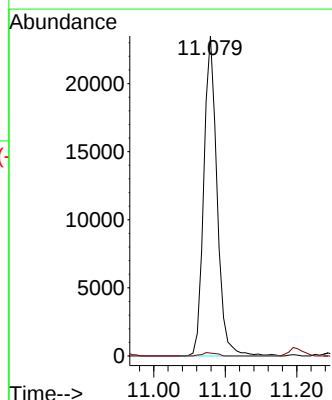
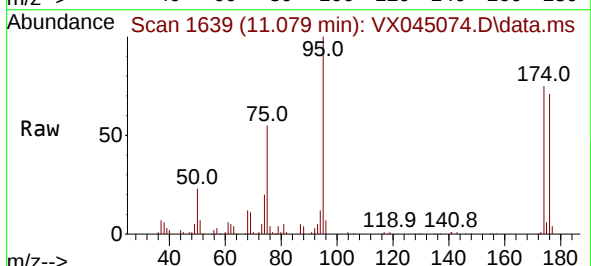
Acq: 28 Feb 2025 04:10

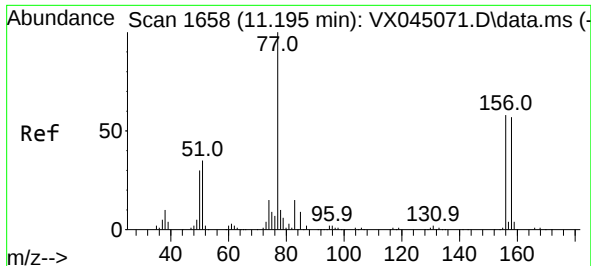
Tgt Ion: 75 Resp: 30326

Ion Ratio Lower Upper

75 100

77 1.2 20.7 62.1#

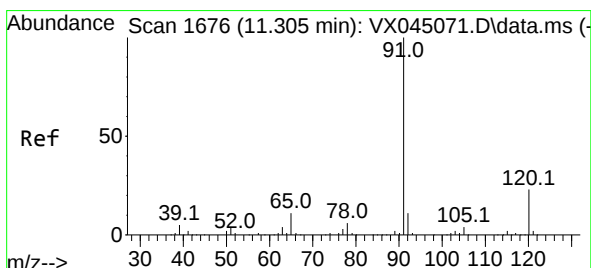
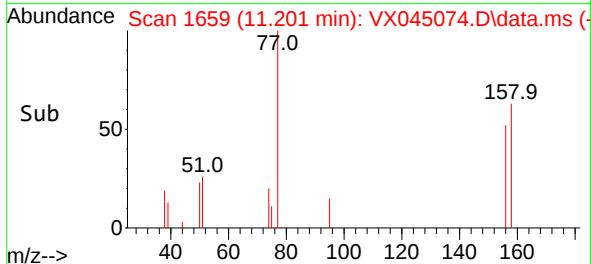
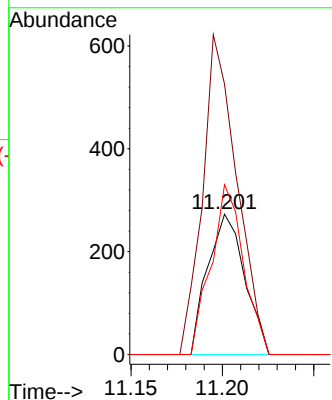
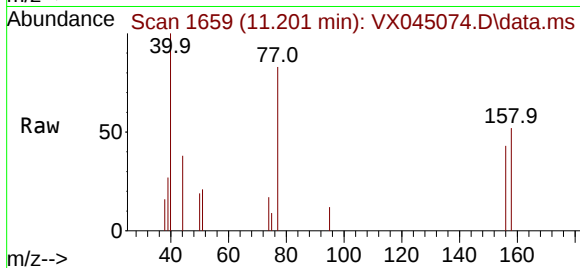




#77
Bromobenzene
Concen: 0.427 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.006 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

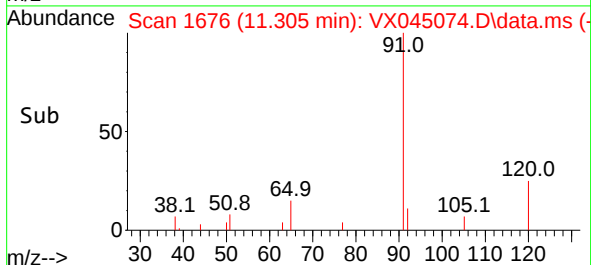
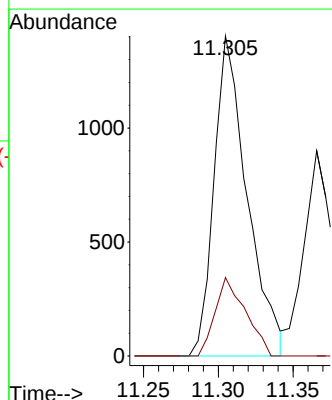
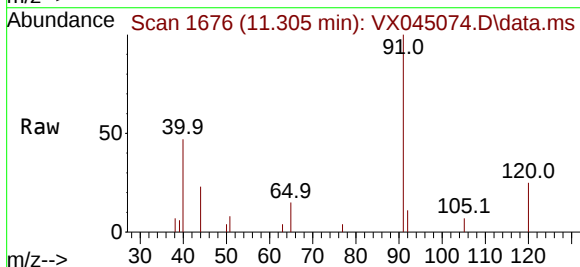
Instrument :
MSVOA_X
ClientSampleId :
IBLK

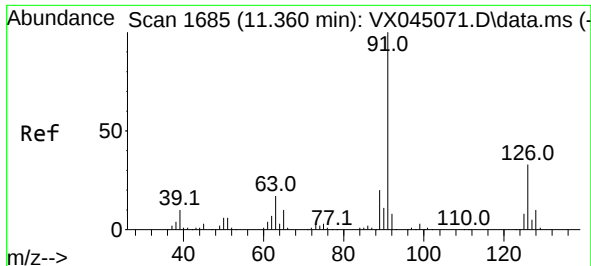
Tgt Ion:156 Resp: 384
Ion Ratio Lower Upper
156 100
77 211.2 85.8 257.4
158 106.5 48.4 145.2



#78
n-propylbenzene
Concen: 0.500 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion: 91 Resp: 2153
Ion Ratio Lower Upper
91 100
120 22.7 11.2 33.6





#79

2-Chlorotoluene

Concen: 0.498 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX045074.D

Acq: 28 Feb 2025 04:10

Instrument :

MSVOA_X

ClientSampleId :

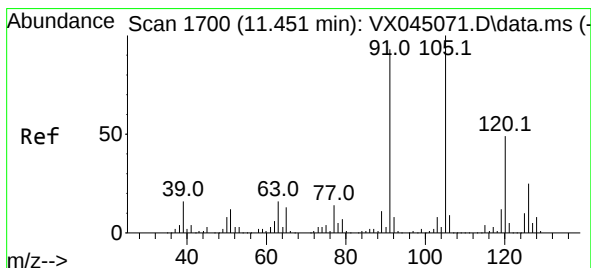
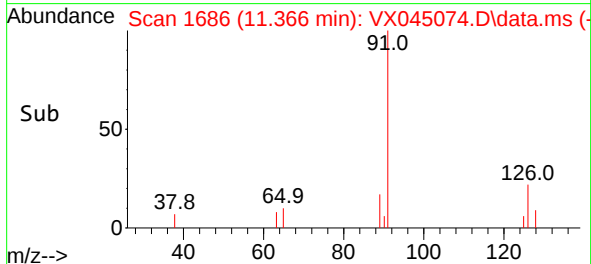
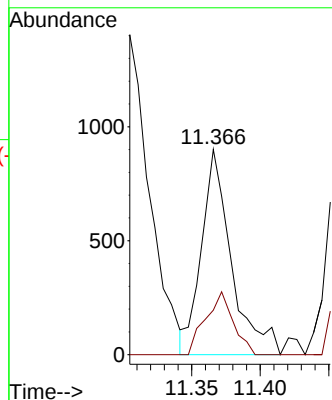
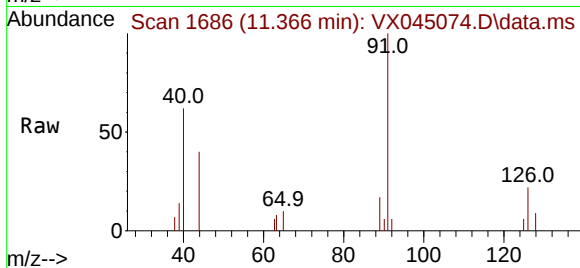
IBLK

Tgt Ion: 91 Resp: 1366

Ion Ratio Lower Upper

91 100

126 28.4 16.4 49.4



#80

1,3,5-Trimethylbenzene

Concen: 0.407 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX045074.D

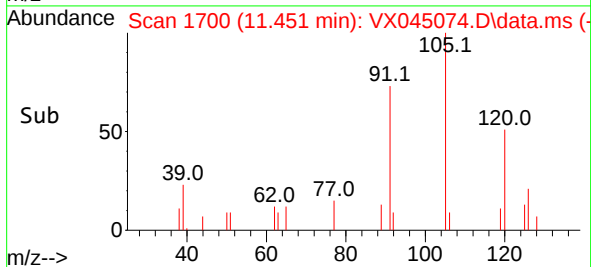
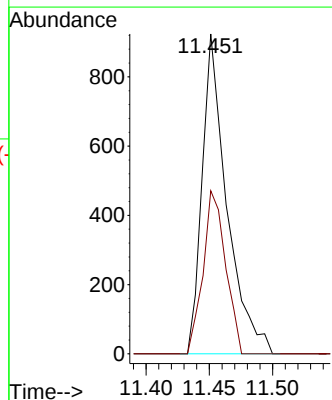
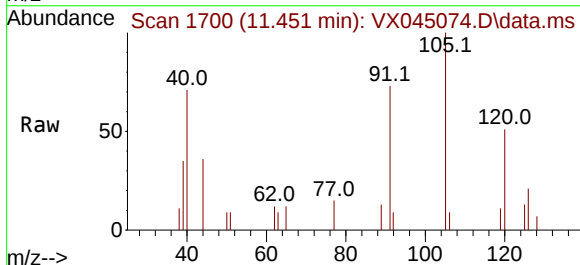
Acq: 28 Feb 2025 04:10

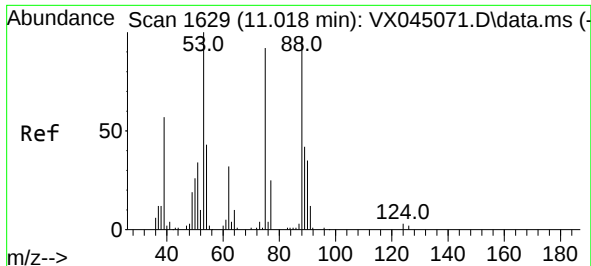
Tgt Ion: 105 Resp: 1254

Ion Ratio Lower Upper

105 100

120 46.4 24.1 72.2

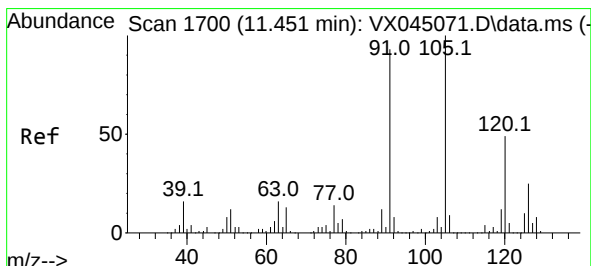
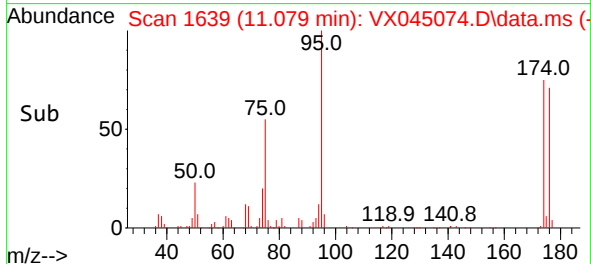
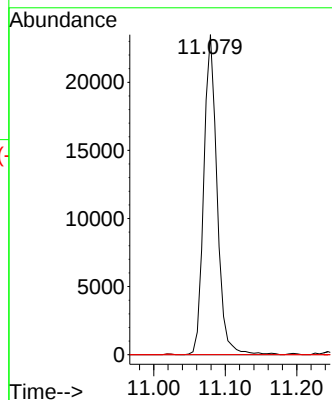
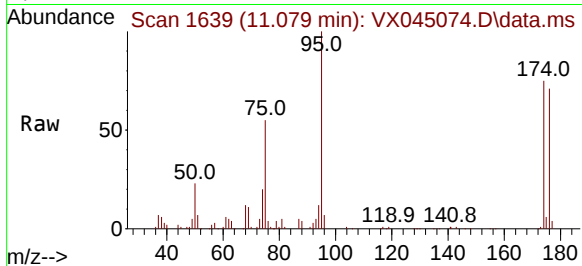




#81
trans-1,4-Dichloro-2-butene
Concen: 91.330 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

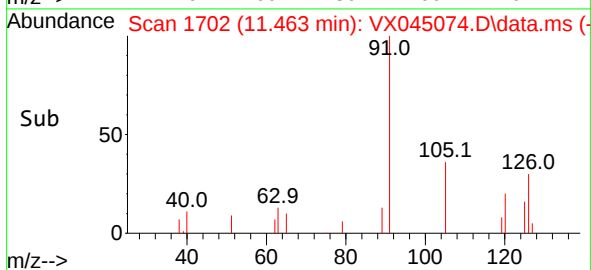
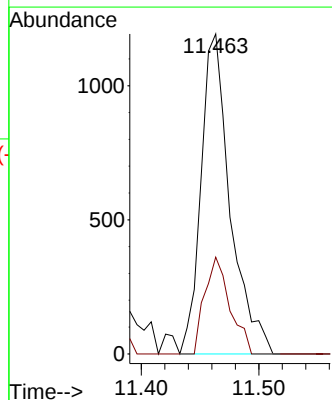
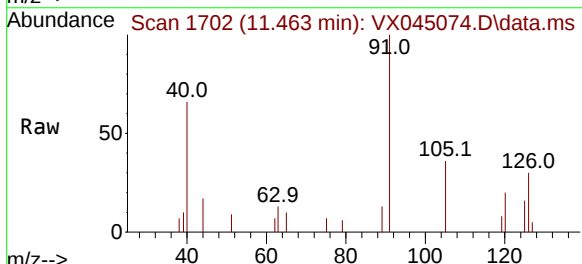
Instrument :
MSVOA_X
ClientSampleId :
IBLK

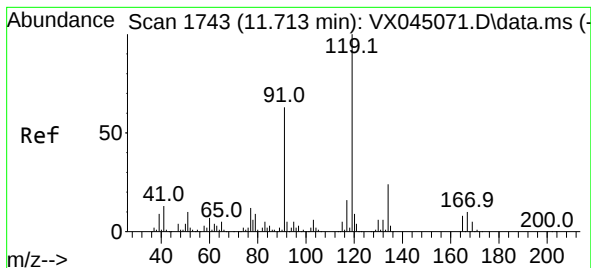
Tgt Ion: 75 Resp: 30326
Ion Ratio Lower Upper
75 100
53 0.0 88.5 132.7#
89 0.0 36.2 54.4#



#82
4-Chlorotoluene
Concen: 0.690 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

Tgt Ion: 91 Resp: 2061
Ion Ratio Lower Upper
91 100
126 26.1 14.1 42.4





#83

tert-Butylbenzene

Concen: 0.279 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX045074.D

Acq: 28 Feb 2025 04:10

Instrument :

MSVOA_X

ClientSampleId :

IBLK

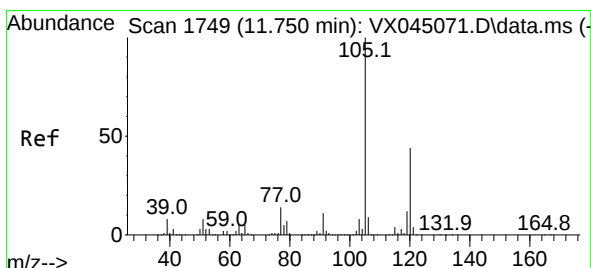
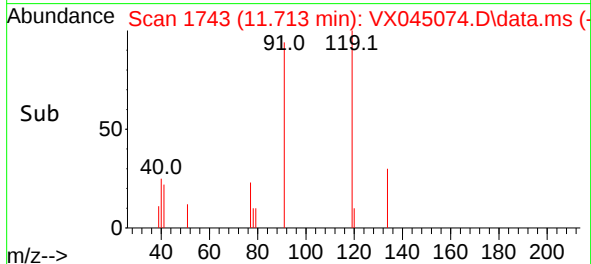
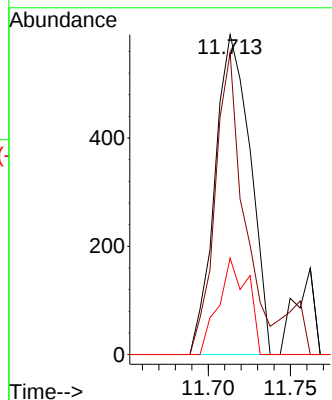
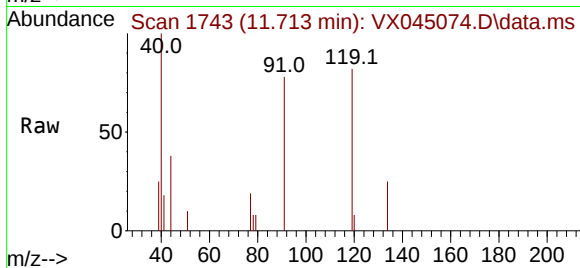
Tgt Ion:119 Resp: 883

Ion Ratio Lower Upper

119 100

91 77.0 30.7 92.1

134 25.0 11.7 35.0



#84

1,2,4-Trimethylbenzene

Concen: 0.380 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VX045074.D

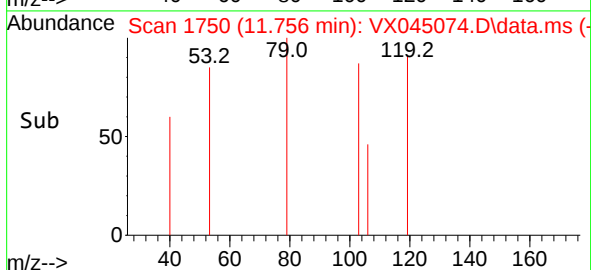
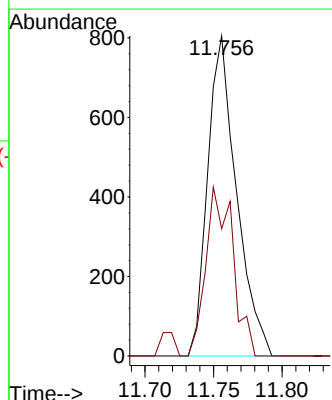
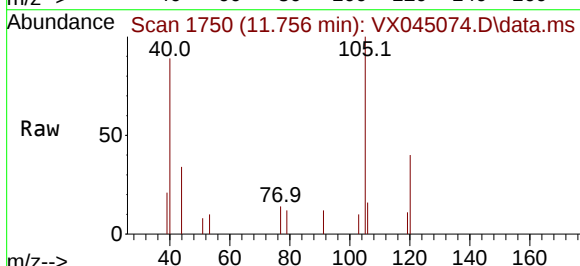
Acq: 28 Feb 2025 04:10

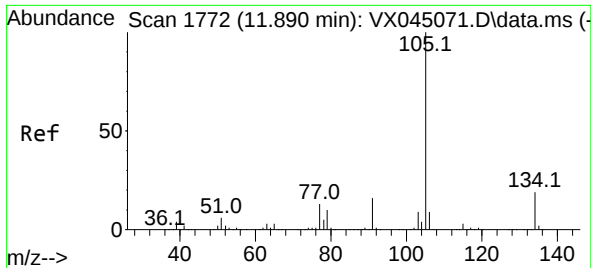
Tgt Ion:105 Resp: 1178

Ion Ratio Lower Upper

105 100

120 49.5 22.1 66.1

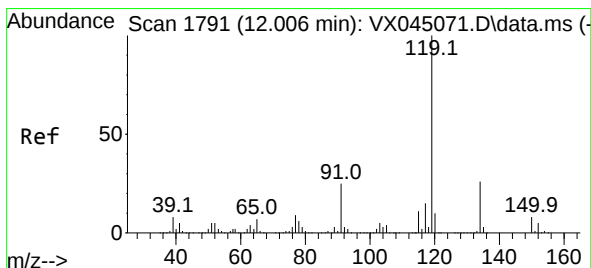
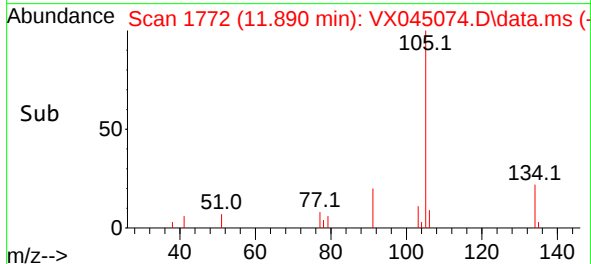
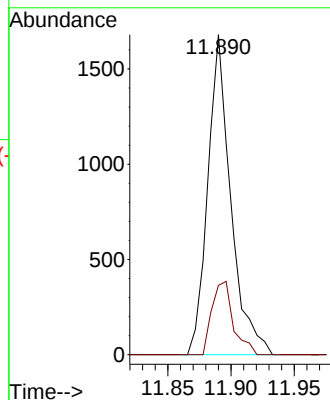
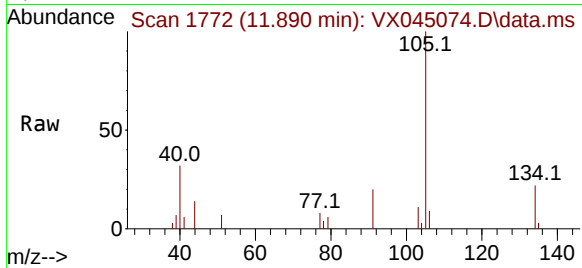




#85
 sec-Butylbenzene
 Concen: 0.560 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX045074.D
 Acq: 28 Feb 2025 04:10

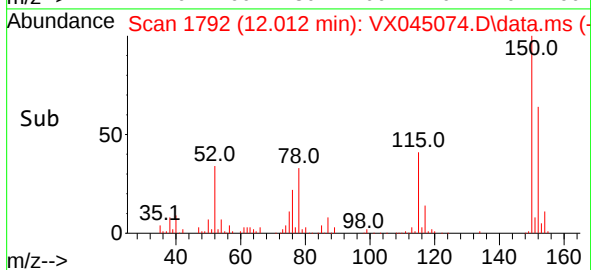
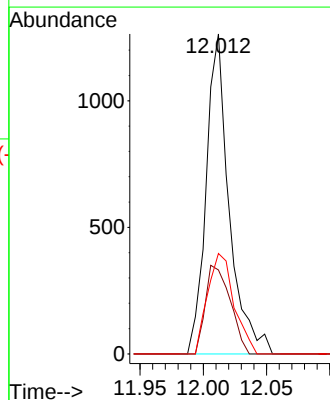
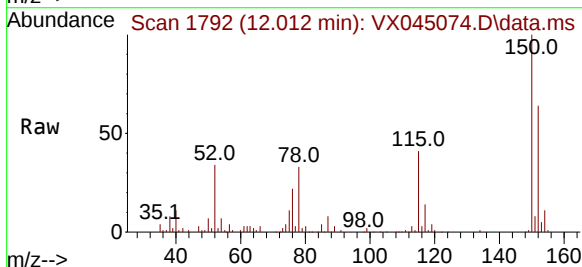
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

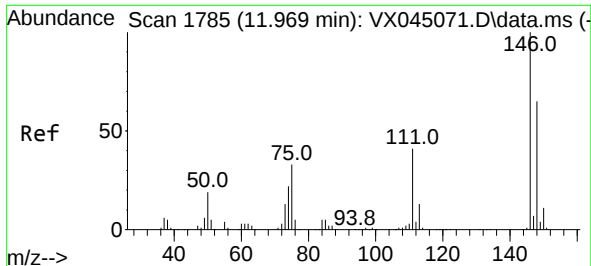
Tgt Ion:105 Resp: 2123
 Ion Ratio Lower Upper
 105 100
 134 21.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.522 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX045074.D
 Acq: 28 Feb 2025 04:10

Tgt Ion:119 Resp: 1600
 Ion Ratio Lower Upper
 119 100
 134 29.8 12.9 38.6
 91 36.0 12.7 38.0





#87

1,3-Dichlorobenzene

Concen: 0.819 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX045074.D

Acq: 28 Feb 2025 04:10

Instrument :

MSVOA_X

ClientSampleId :

IBLK

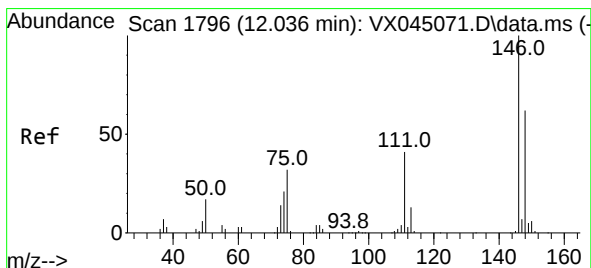
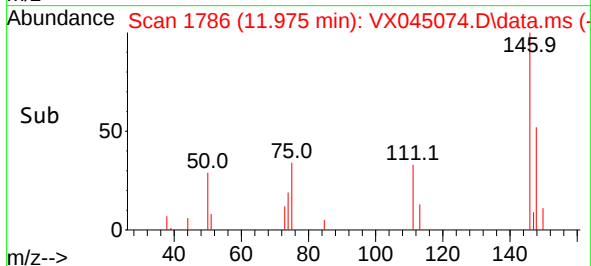
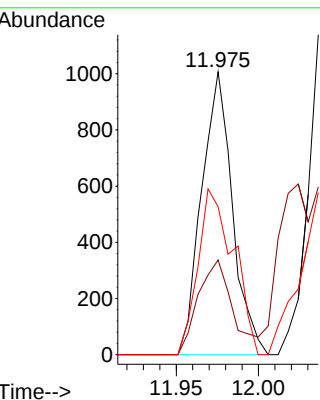
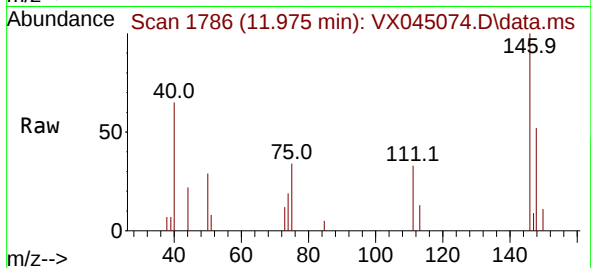
Tgt Ion:146 Resp: 1313

Ion Ratio Lower Upper

146 100

111 37.9 21.1 63.4

148 67.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 0.809 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.061 min

Lab File: VX045074.D

Acq: 28 Feb 2025 04:10

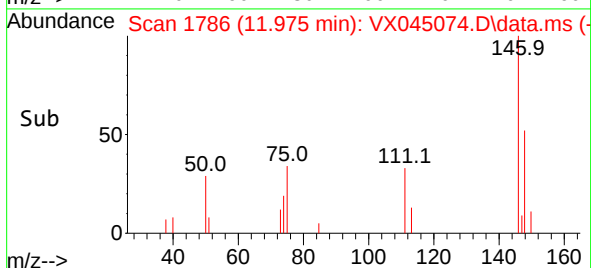
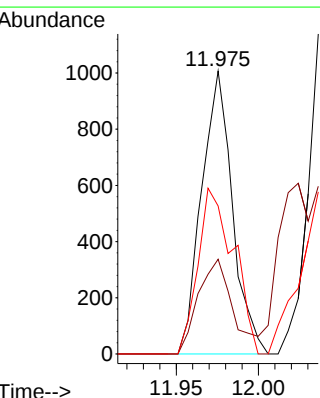
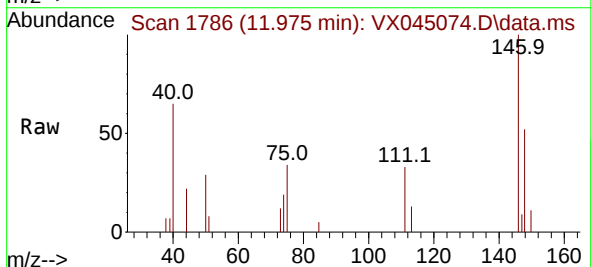
Tgt Ion:146 Resp: 1313

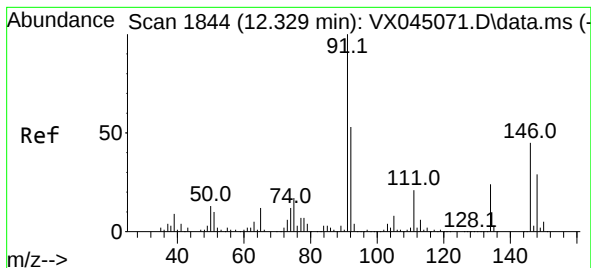
Ion Ratio Lower Upper

146 100

111 37.9 20.2 60.5

148 67.7 31.9 95.9





#89

n-Butylbenzene

Concen: 0.923 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX045074.D

Acq: 28 Feb 2025 04:10

Instrument :

MSVOA_X

ClientSampleId :

IBLK

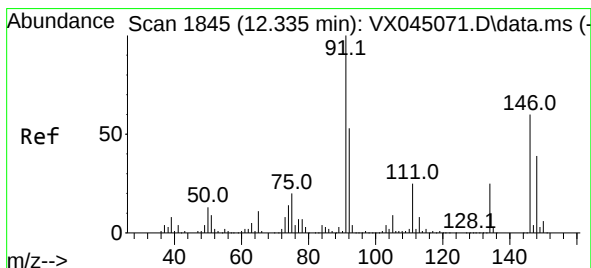
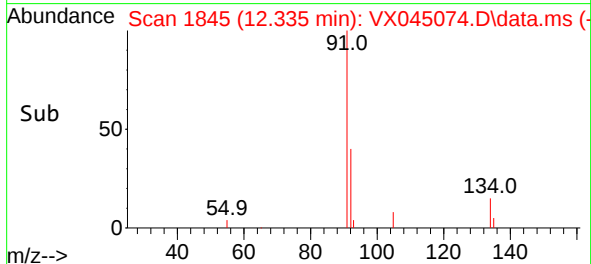
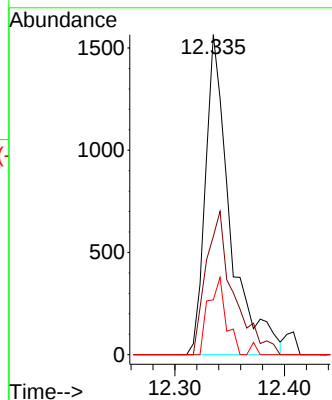
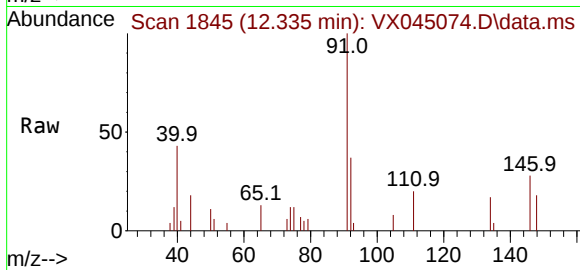
Tgt Ion: 91 Resp: 2437

Ion Ratio Lower Upper

91 100

92 49.9 26.7 80.0

134 17.2 12.2 36.6



#91

1,2-Dichlorobenzene

Concen: 0.564 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.006 min

Lab File: VX045074.D

Acq: 28 Feb 2025 04:10

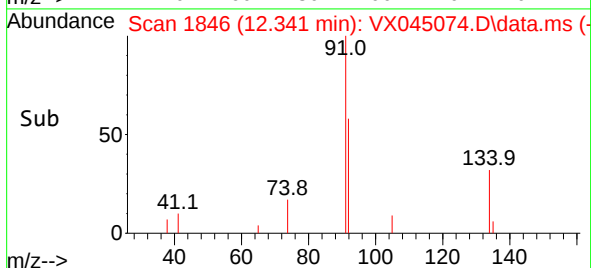
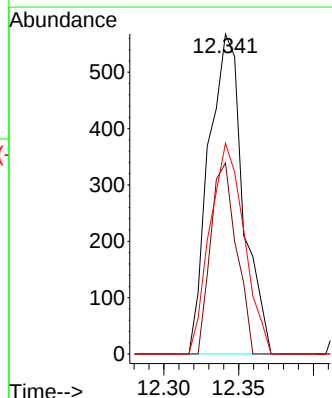
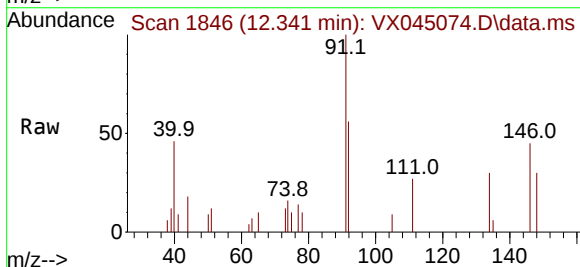
Tgt Ion:146 Resp: 907

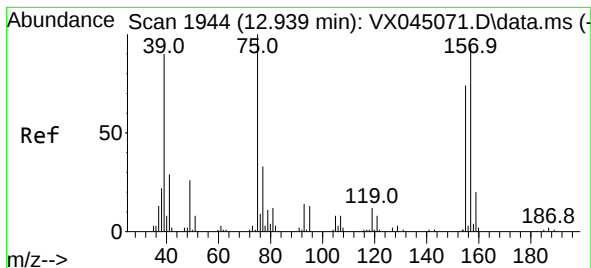
Ion Ratio Lower Upper

146 100

111 45.0 21.6 65.0

148 65.7 31.9 95.9

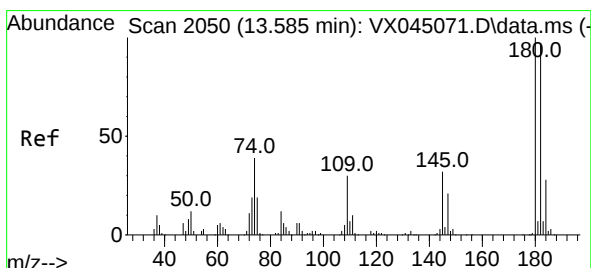
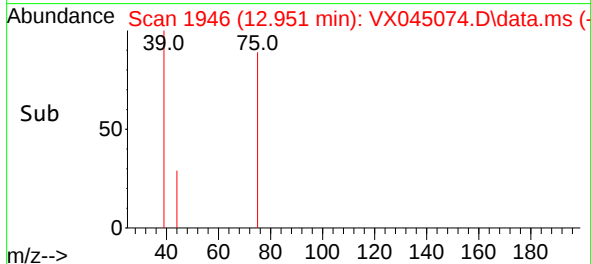
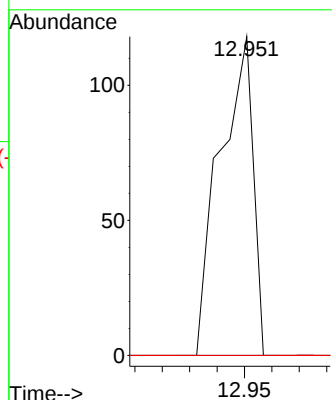
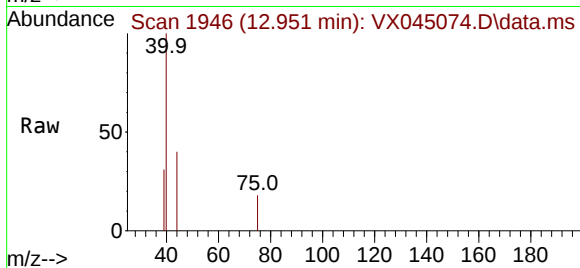




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.363 ug/l
 RT: 12.951 min Scan# 1946
 Delta R.T. 0.012 min
 Lab File: VX045074.D
 Acq: 28 Feb 2025 04:10

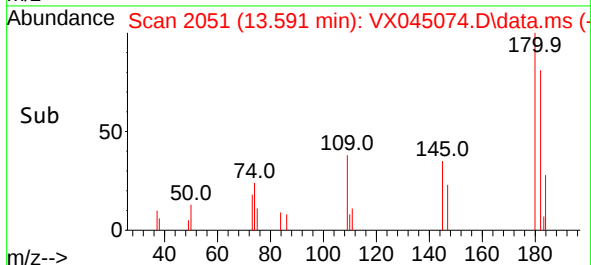
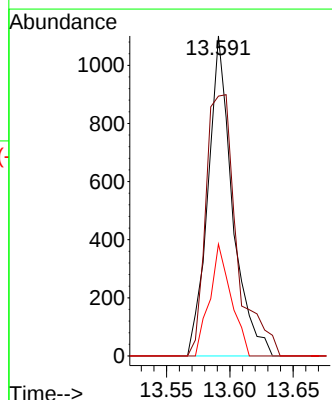
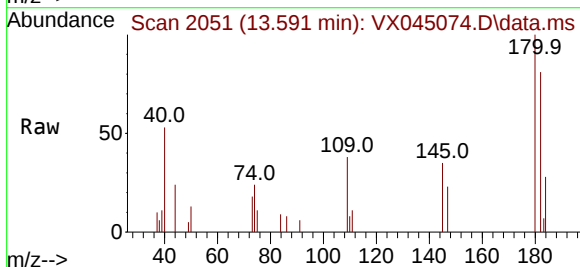
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

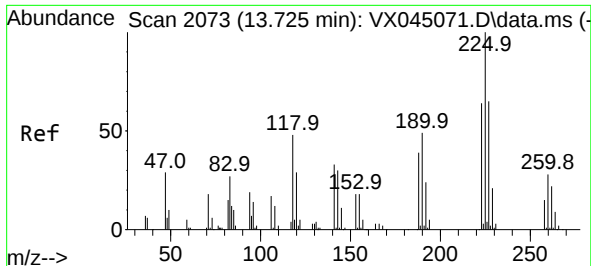
Tgt Ion: 75 Resp: 99
 Ion Ratio Lower Upper
 75 100
 155 0.0 39.6 118.7#
 157 0.0 51.1 153.4#



#93
 1,2,4-Trichlorobenzene
 Concen: 1.617 ug/l
 RT: 13.591 min Scan# 2051
 Delta R.T. 0.006 min
 Lab File: VX045074.D
 Acq: 28 Feb 2025 04:10

Tgt Ion: 180 Resp: 1481
 Ion Ratio Lower Upper
 180 100
 182 103.0 47.3 141.9
 145 30.7 16.3 48.9

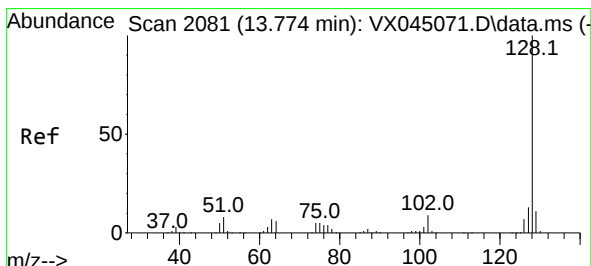
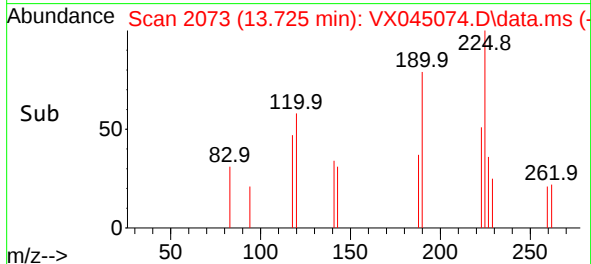
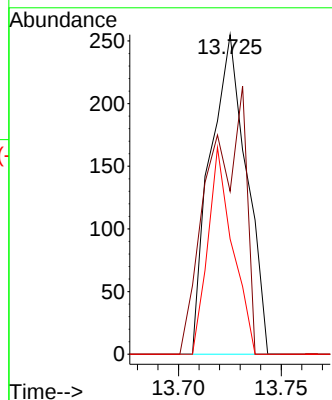
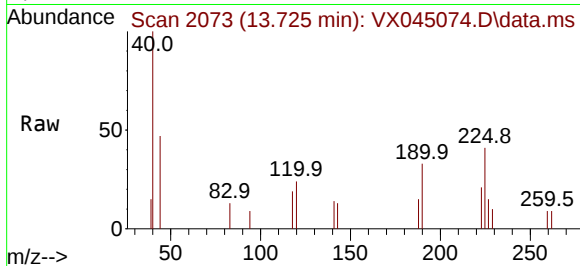




#94
Hexachlorobutadiene
Concen: 0.831 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

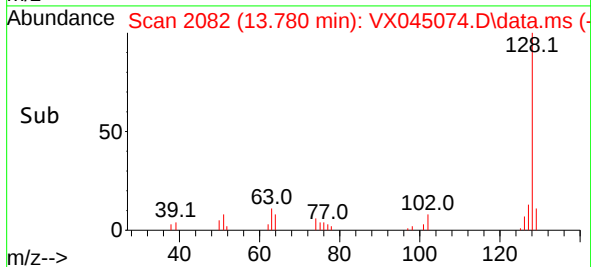
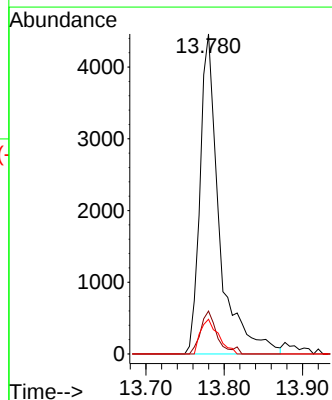
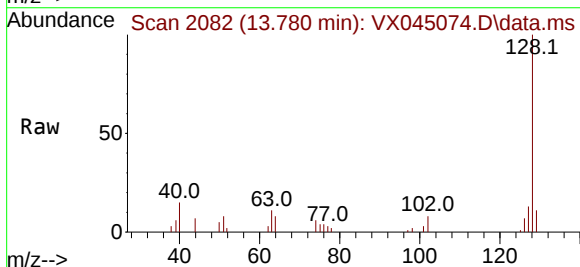
Instrument :
MSVOA_X
ClientSampleId :
IBLK

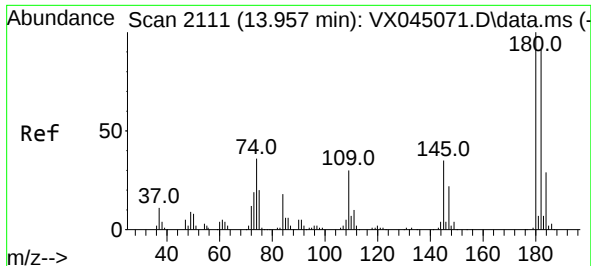
Tgt Ion:	225	Resp:	312
Ion Ratio	Lower	Upper	
225	100		
223	83.3	31.9	95.7
227	44.2	31.4	94.0



#95
Naphthalene
Concen: 2.180 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX045074.D
Acq: 28 Feb 2025 04:10

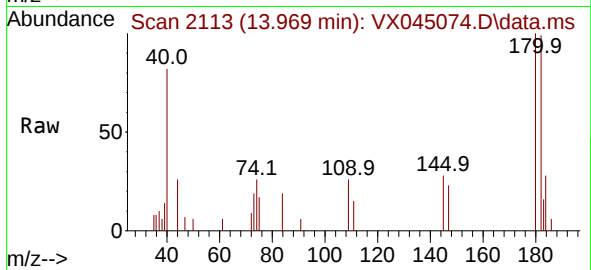
Tgt Ion:	128	Resp:	7672
Ion Ratio	Lower	Upper	
128	100		
127	11.4	10.3	15.5
129	10.1	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 1.522 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.012 min
 Lab File: VX045074.D
 Acq: 28 Feb 2025 04:10

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	1471
Ion	Ratio	Lower	Upper
180	100		
182	107.5	47.5	142.6
145	37.2	17.0	50.9

