

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070925\
 Data File : VX046930.D
 Acq On : 09 Jul 2025 14:27
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jul 10 03:14:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 10 02:52:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	324866	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	563541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	517518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	255473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	218062	50.809	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.620%
35) Dibromofluoromethane	5.397	113	184593	48.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.520%
50) Toluene-d8	8.653	98	675509	50.050	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.100%
62) 4-Bromofluorobenzene	11.079	95	253820	49.483	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.960%
Target Compounds						Qvalue
3) Chloromethane	1.313	50	133	0.039	ug/l #	43
5) Bromomethane	1.642	94	592	0.249	ug/l #	65
6) Chloroethane	1.691	64	240	0.098	ug/l #	42
8) Diethyl Ether	2.154	74	126	0.062	ug/l #	41
10) Methyl Iodide	2.471	142	314	0.079	ug/l #	62
12) 1,1-Dichloroethene	2.203	96	45	0.013	ug/l #	1
13) Acrolein	2.203	56	23	0.068	ug/l #	15
14) Allyl chloride	2.800	41	689	0.110	ug/l #	26
16) Acetone	2.386	43	444	0.333	ug/l #	58
17) Carbon Disulfide	2.532	76	3140	0.340	ug/l #	82
18) Methyl Acetate	2.709	43	385	0.110	ug/l #	53
20) Methylene Chloride	2.800	84	11677	2.962	ug/l	91
21) trans-1,2-Dichloroethene	3.117	96	47	0.013	ug/l #	1
22) Diisopropyl ether	3.751	45	60	0.005	ug/l #	84
23) Vinyl Acetate	3.721	43	191	0.021	ug/l #	72
25) 2-Butanone	4.562	43	184	0.103	ug/l #	50
29) Tetrahydrofuran	4.891	42	27	0.024	ug/l #	34
30) Chloroform	5.111	83	47	0.007	ug/l #	18
31) Cyclohexane	5.568	56	7137	1.163	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	25615	4.963	ug/l #	50
37) Ethyl Acetate	4.733	43	176	0.040	ug/l #	70
38) Carbon Tetrachloride	5.562	117	32866	6.023	ug/l #	15
39) Methylcyclohexane	7.385	83	61	0.009	ug/l #	17
40) Benzene	6.043	78	22	0.001	ug/l #	52
41) Methacrylonitrile	5.159	41	20	0.009	ug/l #	22
42) 1,2-Dichloroethane	6.086	62	180	0.034	ug/l #	74
43) Isopropyl Acetate	6.367	43	46	0.007	ug/l #	61
45) 1,2-Dichloropropane	7.372	63	54	0.014	ug/l #	44
48) Methyl methacrylate	7.793	41	45	0.013	ug/l #	15
51) 4-Methyl-2-Pentanone	8.500	43	215	0.054	ug/l #	37
52) Toluene	8.726	92	70	0.007	ug/l #	1
55) 1,1,2-Trichloroethane	9.293	97	22	0.006	ug/l #	14
59) 2-Hexanone	9.335	43	196	0.074	ug/l #	24
60) Dibromochloromethane	9.524	129	19	0.004	ug/l #	10
65) Chlorobenzene	10.073	112	231	0.021	ug/l #	1
67) Ethyl Benzene	10.207	91	168	0.009	ug/l #	44

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070925\
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 Sample : IBLK
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 ALS Vial : 12 Sample Multiplier: 1

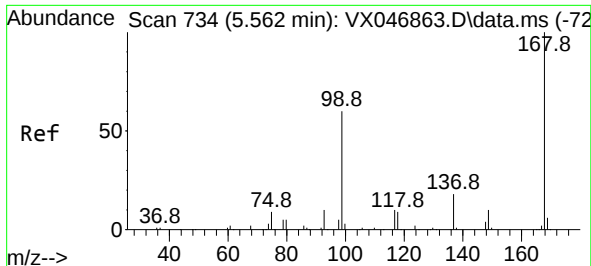
Instrument :
 MSVOA_X
 ClientSampleId :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 10 02:52:52 2025
 Response via : Initial Calibration

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

70) Styrene	10.719	104	87	0.007	ug/l #	26
71) Bromoform	10.811	173	140	0.050	ug/l #	29
73) Isopropylbenzene	10.963	105	124	0.007	ug/l #	49
74) N-amyl acetate	10.829	43	188	0.031	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.085	83	91	0.018	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	128854	32.643	ug/l #	36
77) Bromobenzene	11.207	156	42	0.009	ug/l #	40
78) n-propylbenzene	11.305	91	501	0.023	ug/l #	53
79) 2-Chlorotoluene	11.469	91	270	0.021	ug/l	78
80) 1,3,5-Trimethylbenzene	11.463	105	268	0.018	ug/l	85
81) trans-1,4-Dichloro-2-b...	11.079	75	128854	87.596	ug/l #	8
82) 4-Chlorotoluene	11.469	91	270	0.018	ug/l	84
83) tert-Butylbenzene	11.707	119	262	0.017	ug/l #	52
84) 1,2,4-Trimethylbenzene	11.762	105	338	0.023	ug/l	85
85) sec-Butylbenzene	11.890	105	518	0.027	ug/l	93
86) p-Isopropyltoluene	12.024	119	864	0.054	ug/l #	1
87) 1,3-Dichlorobenzene	11.975	146	340	0.041	ug/l #	59
88) 1,4-Dichlorobenzene	12.036	146	636	0.073	ug/l #	73
89) n-Butylbenzene	12.341	91	430	0.029	ug/l #	68
90) Hexachloroethane	12.432	117	22	0.008	ug/l #	14
91) 1,2-Dichlorobenzene	12.341	146	86	0.011	ug/l #	42
93) 1,2,4-Trichlorobenzene	13.609	180	391	0.071	ug/l #	74
94) Hexachlorobutadiene	13.731	225	485	0.233	ug/l	91
95) Naphthalene	13.798	128	382	0.026	ug/l #	78
96) 1,2,3-Trichlorobenzene	13.969	180	201	0.039	ug/l #	28

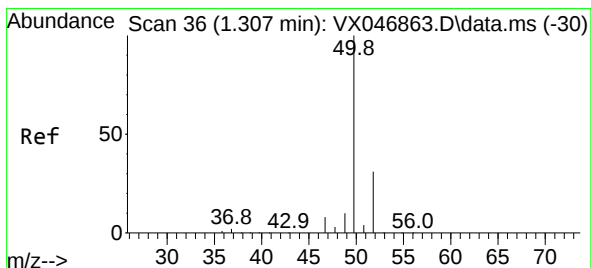
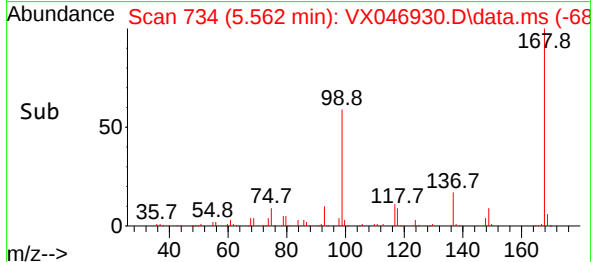
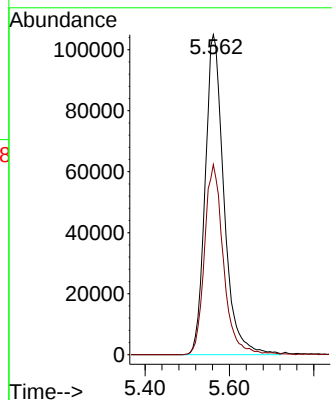
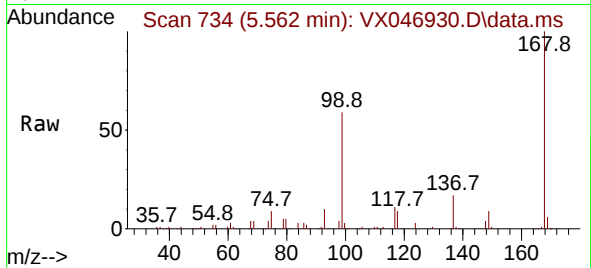
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046930.D
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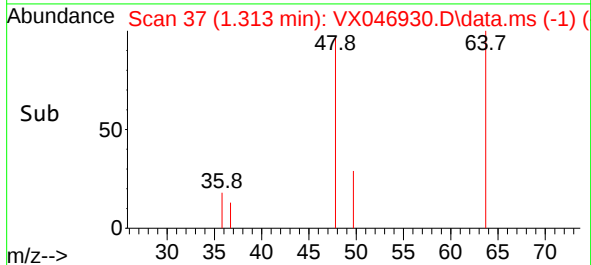
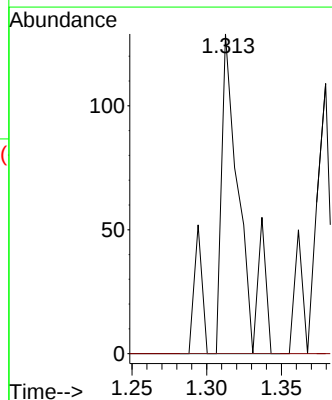
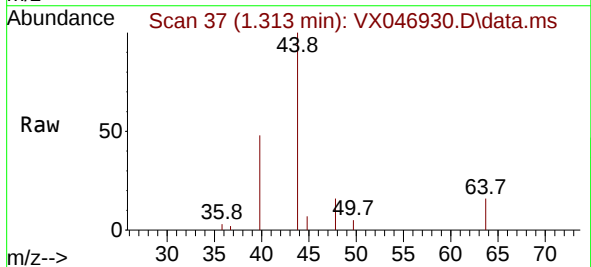
Instrument : MSVOA_X
ClientSampleId : IBLK

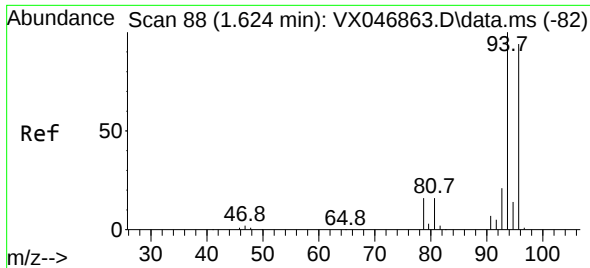
Tgt Ion:168 Resp: 324866
Ion Ratio Lower Upper
168 100
99 59.4 48.8 73.2



#3
Chloromethane
Concen: 0.039 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 50 Resp: 133
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

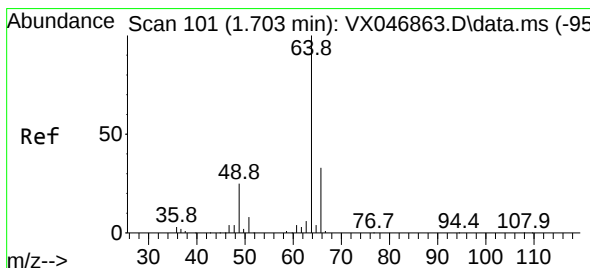
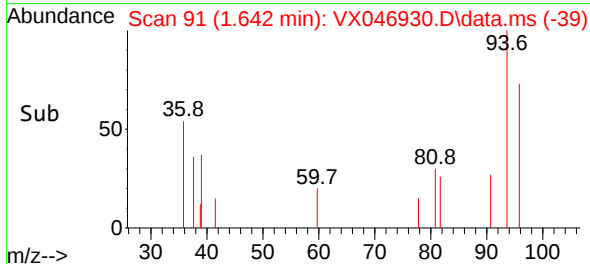
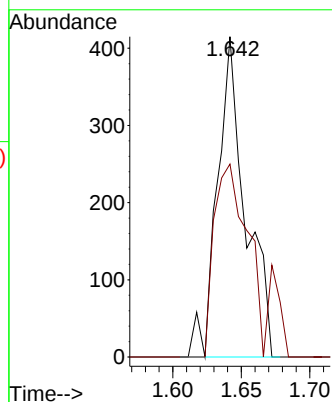
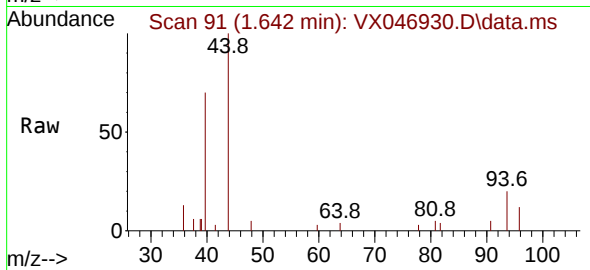




#5
Bromomethane
Concen: 0.249 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

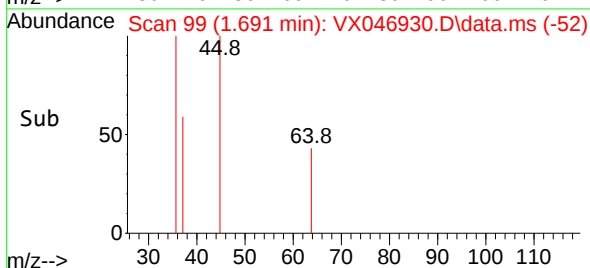
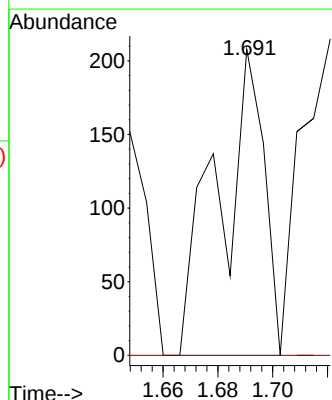
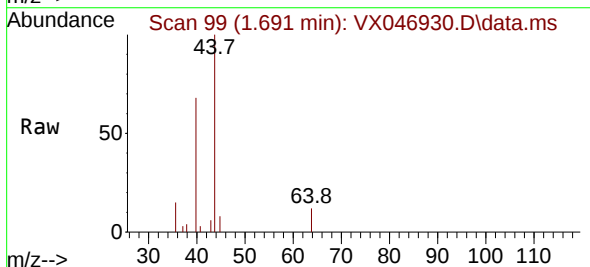
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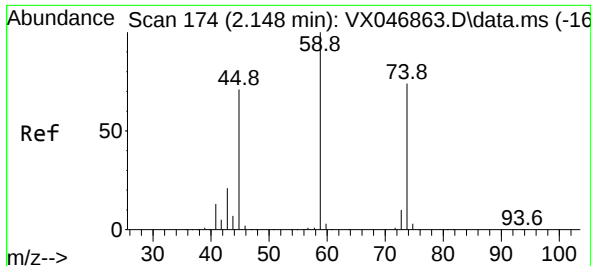
Tgt Ion: 94 Resp: 592
Ion Ratio Lower Upper
94 100
96 60.2 75.5 113.3#



#6
Chloroethane
Concen: 0.098 ug/l
RT: 1.691 min Scan# 99
Delta R.T. -0.012 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 64 Resp: 240
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

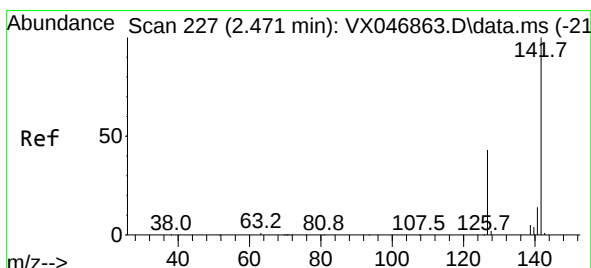
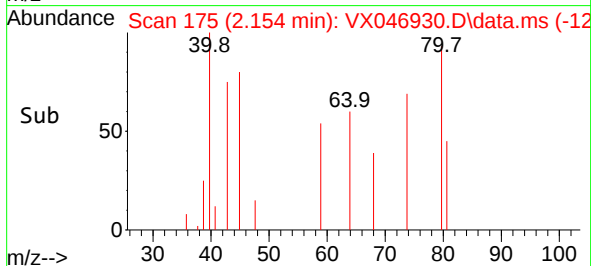
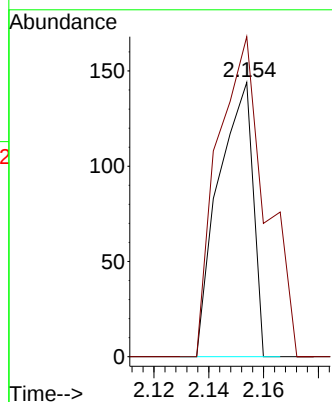
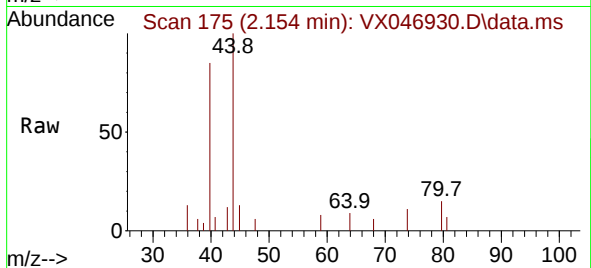




#8
Diethyl Ether
Concen: 0.062 ug/l
RT: 2.154 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

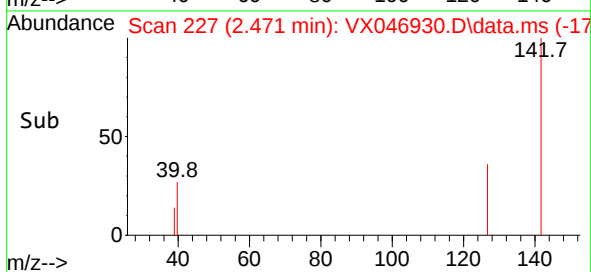
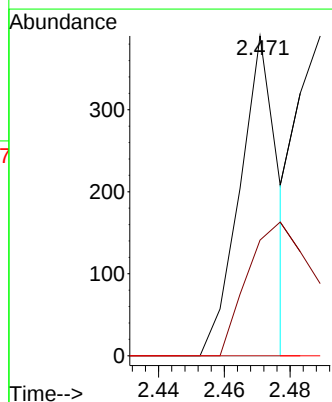
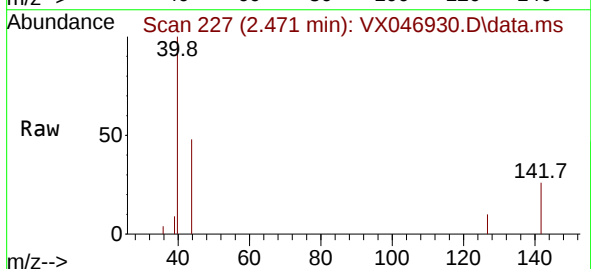
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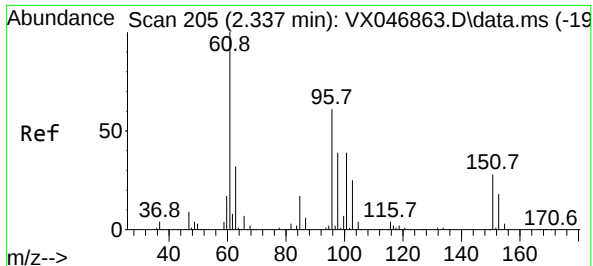
Tgt Ion: 74 Resp: 126
Ion Ratio Lower Upper
74 100
45 161.1 50.7 152.1#



#10
Methyl Iodide
Concen: 0.079 ug/l
RT: 2.471 min Scan# 227
Delta R.T. -0.000 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 142 Resp: 314
Ion Ratio Lower Upper
142 100
127 69.1 34.9 52.3#
141 0.0 11.1 16.7#

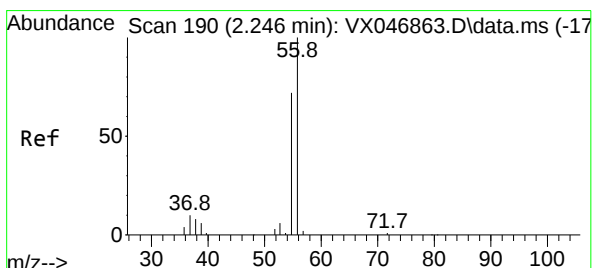
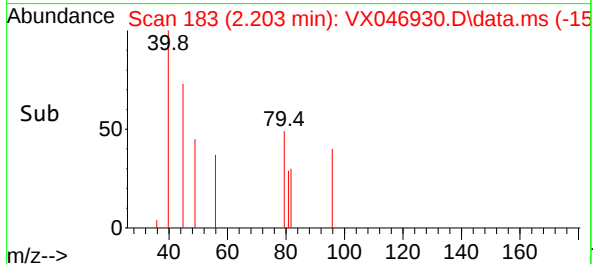
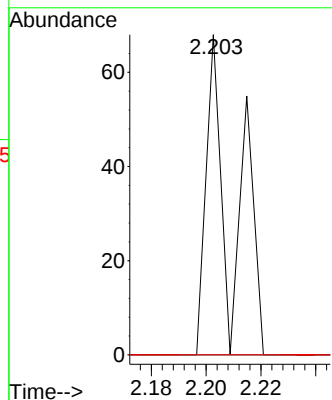
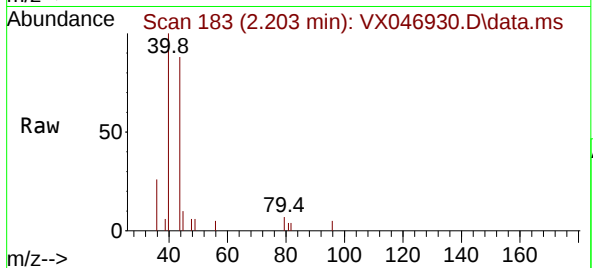




#12
1,1-Dichloroethene
Concen: 0.013 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.134 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

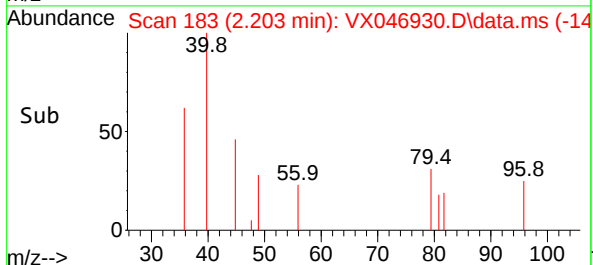
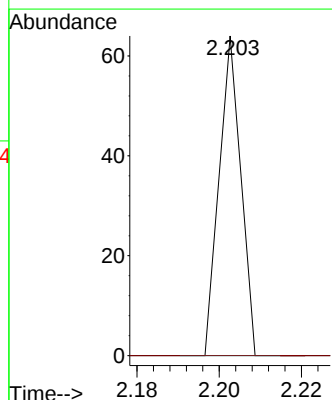
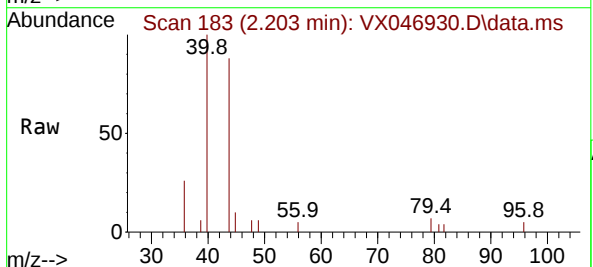
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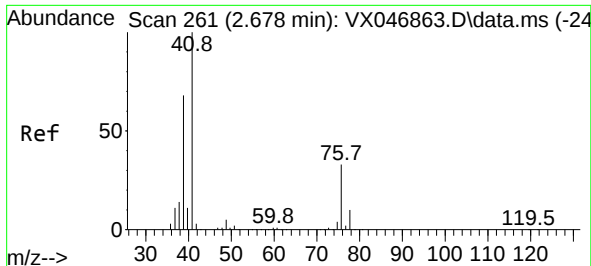
Tgt Ion: 96 Resp: 45
Ion Ratio Lower Upper
96 100
61 0.0 130.2 195.4#
98 0.0 51.3 76.9#



#13
Acrolein
Concen: 0.068 ug/l
RT: 2.203 min Scan# 183
Delta R.T. -0.043 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 55.5 83.3#

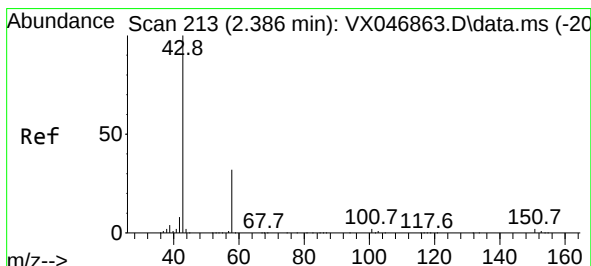
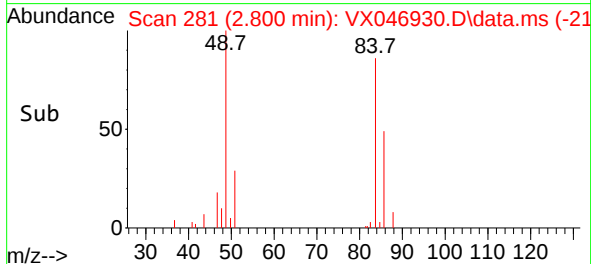
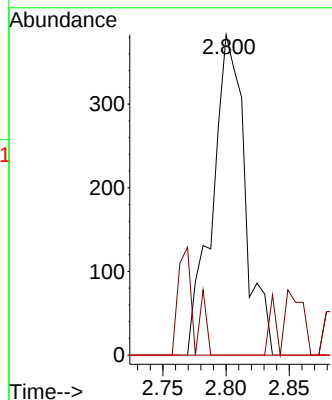
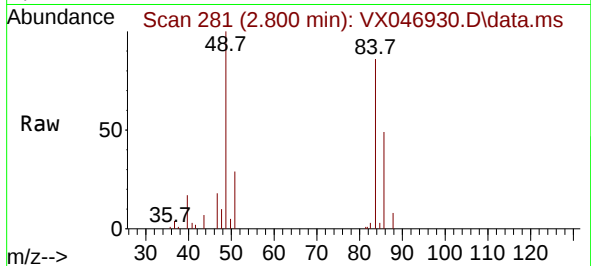




#14
 Allyl chloride
 Concen: 0.110 ug/l
 RT: 2.800 min Scan# 21
 Delta R.T. 0.122 min
 Lab File: VX046930.D
 Acq: 09 Jul 2025 14:27

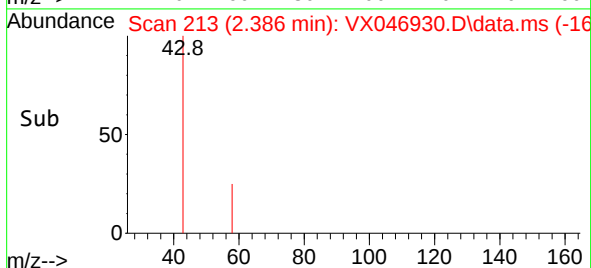
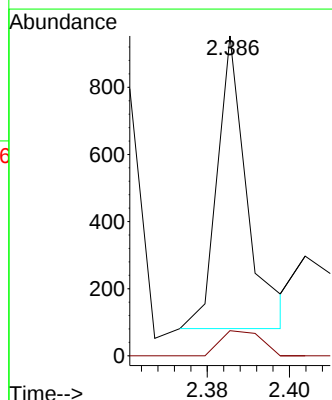
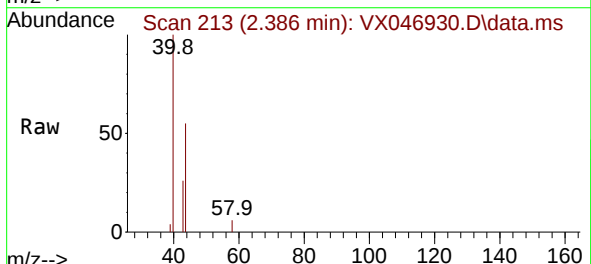
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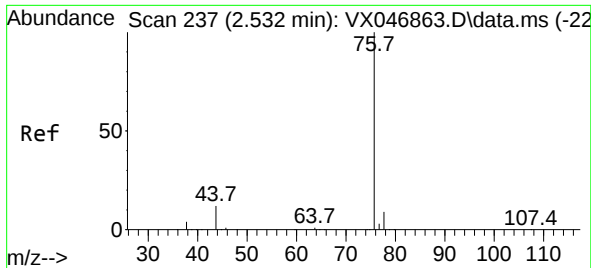
Tgt Ion: 41 Resp: 689
 Ion Ratio Lower Upper
 41 100
 39 0.0 52.0 78.0#
 76 0.0 26.2 39.2#



#16
 Acetone
 Concen: 0.333 ug/l
 RT: 2.386 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VX046930.D
 Acq: 09 Jul 2025 14:27

Tgt Ion: 43 Resp: 444
 Ion Ratio Lower Upper
 43 100
 58 8.6 25.8 38.6#

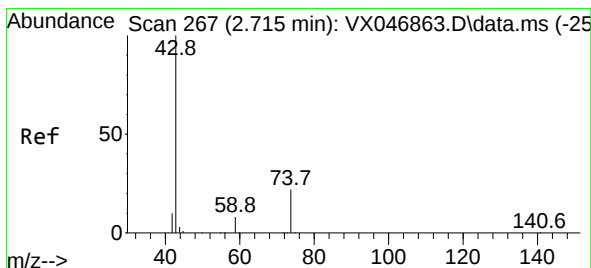
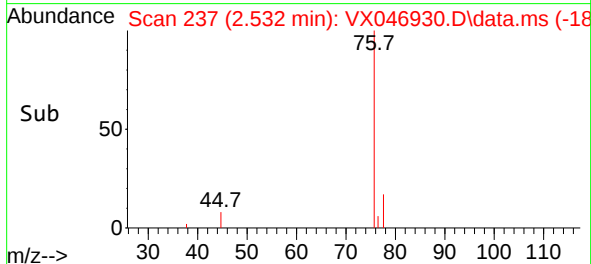
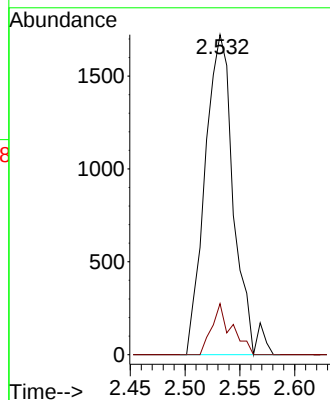
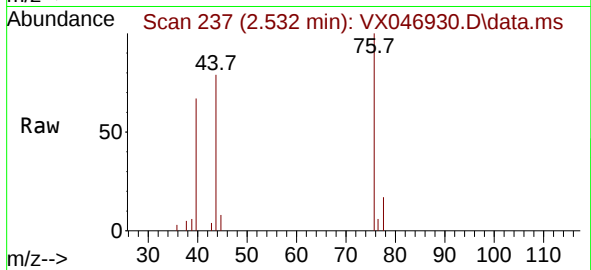




#17
Carbon Disulfide
Concen: 0.340 ug/l
RT: 2.532 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

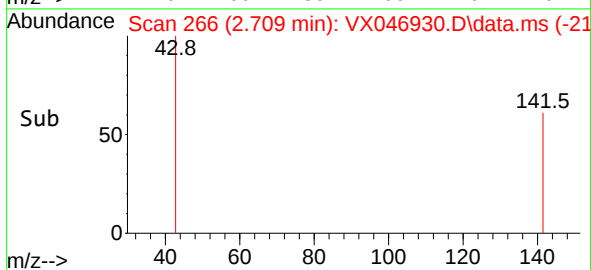
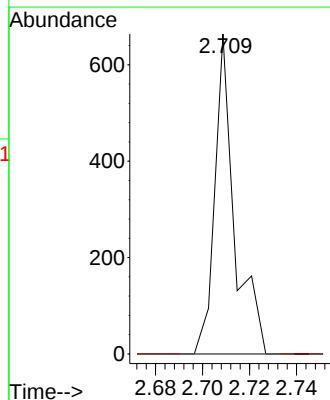
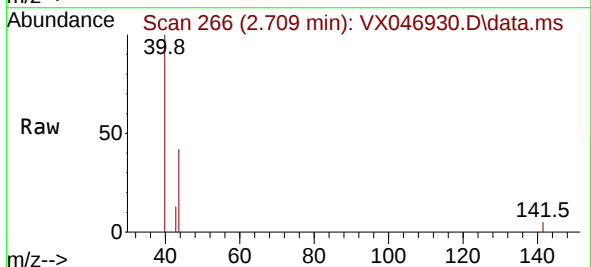
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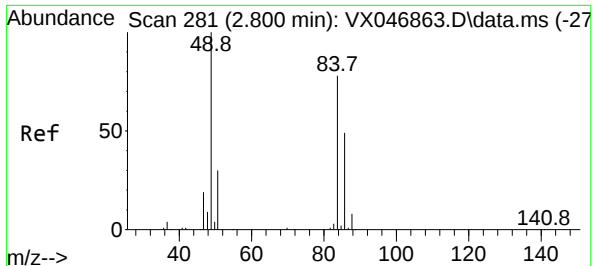
Tgt Ion: 76 Resp: 3140
Ion Ratio Lower Upper
76 100
78 16.0 7.4 11.2#



#18
Methyl Acetate
Concen: 0.110 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.006 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 43 Resp: 385
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



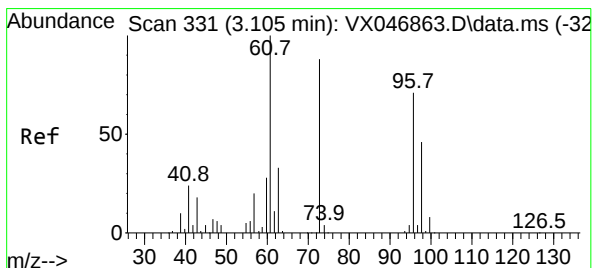
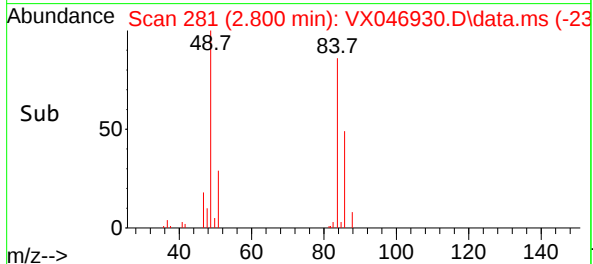
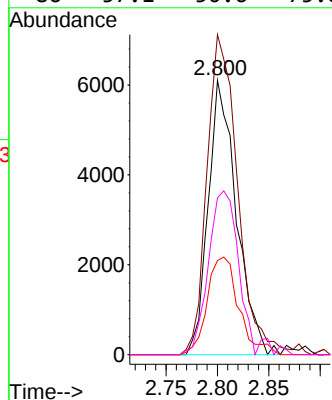
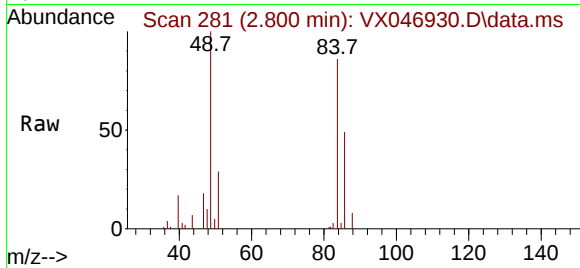


#20
Methylene Chloride
Concen: 2.962 ug/l
RT: 2.800 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 11677

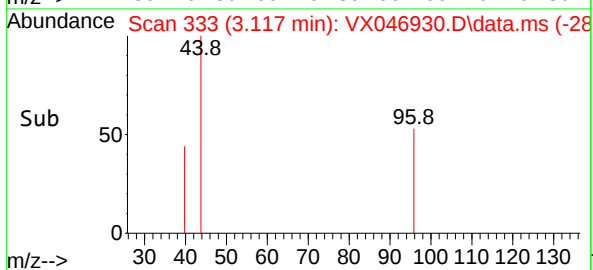
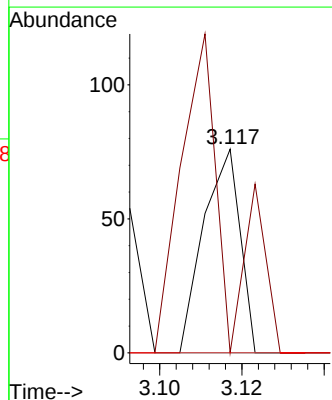
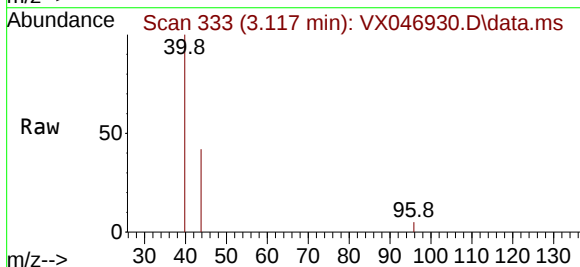
Ion	Ratio	Lower	Upper
84	100		
49	116.6	102.8	154.2
51	34.3	31.1	46.7
86	57.1	50.6	75.8

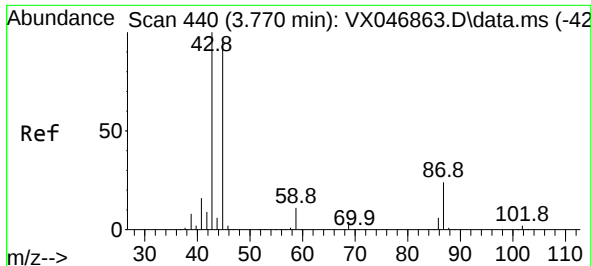


#21
trans-1,2-Dichloroethene
Concen: 0.013 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.012 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 96 Resp: 47

Ion	Ratio	Lower	Upper
96	100		
61	0.0	113.4	170.2#
98	0.0	51.8	77.6#

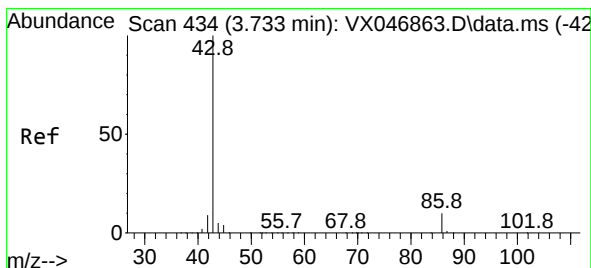
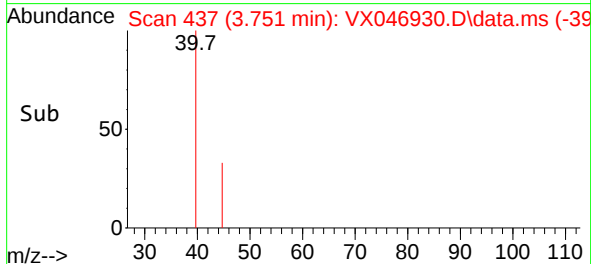
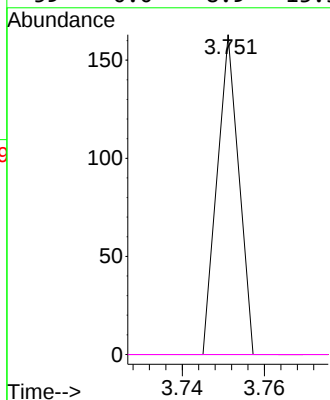
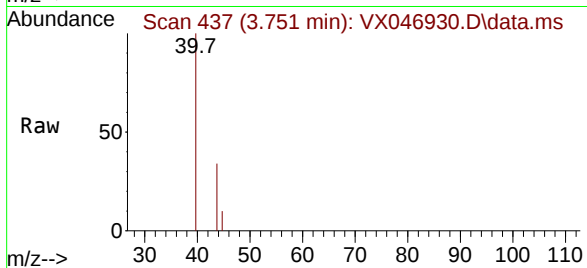




#22
Diisopropyl ether
Concen: 0.005 ug/l
RT: 3.751 min Scan# 41
Delta R.T. -0.019 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

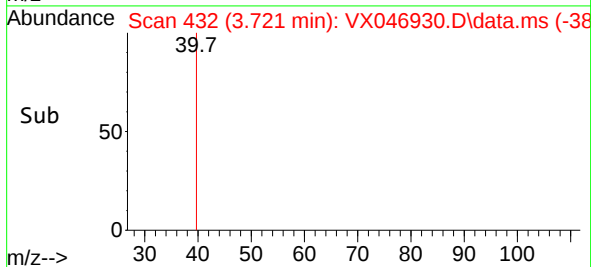
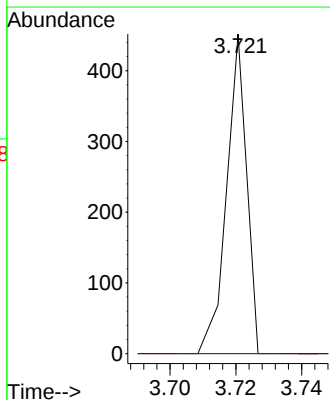
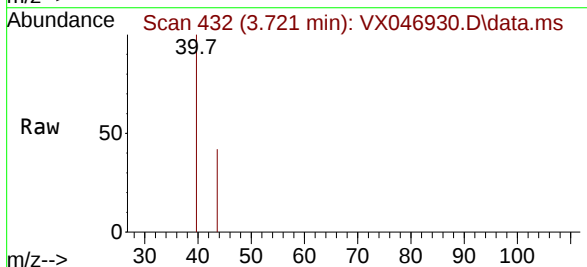
Instrument :
MSVOA_X
ClientSampleId :
IBLK

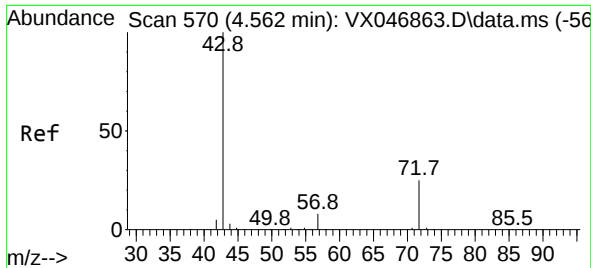
Tgt Ion: 45	Resp: 60
Ion Ratio	Lower Upper
45 100	
43 111.7	84.2 126.4
87 0.0	20.3 30.5#
59 0.0	8.9 13.3#



#23
Vinyl Acetate
Concen: 0.021 ug/l
RT: 3.721 min Scan# 432
Delta R.T. -0.012 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 43	Resp: 191
Ion Ratio	Lower Upper
43 100	
86 0.0	8.2 12.4#

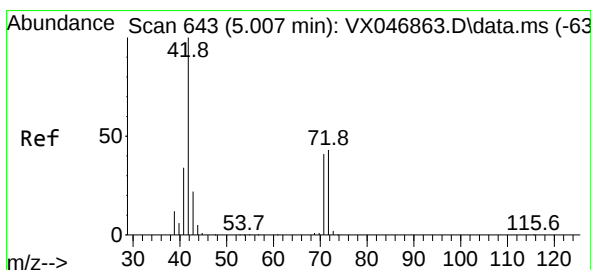
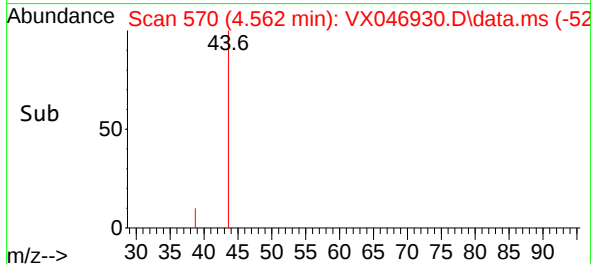
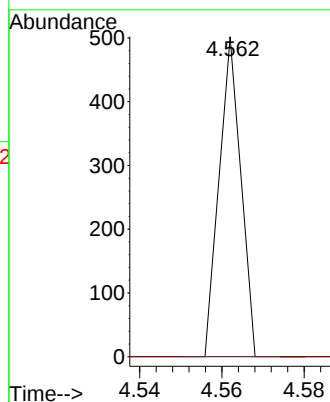
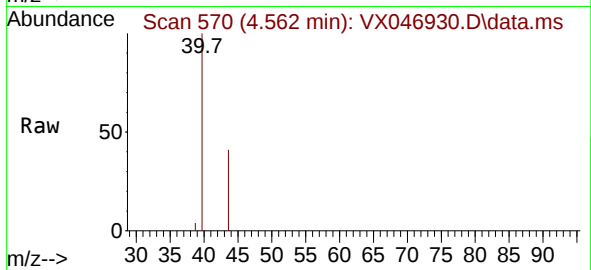




#25
2-Butanone
Concen: 0.103 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.000 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

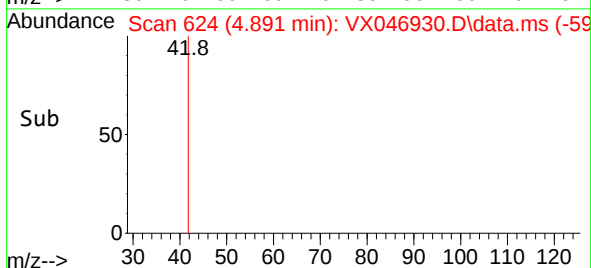
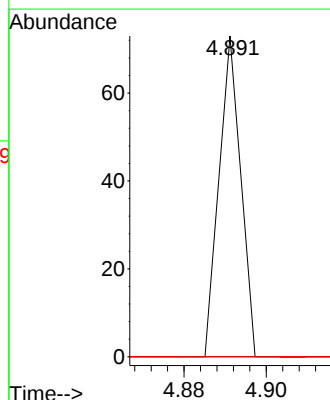
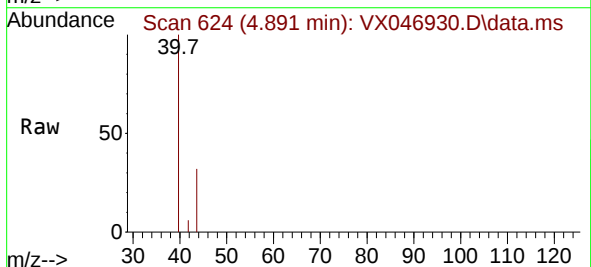
Instrument :
MSVOA_X
ClientSampleId :
IBLK

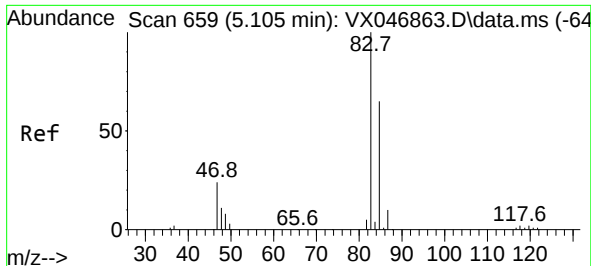
Tgt Ion: 43 Resp: 184
Ion Ratio Lower Upper
43 100
72 0.0 20.0 30.0#



#29
Tetrahydrofuran
Concen: 0.024 ug/l
RT: 4.891 min Scan# 624
Delta R.T. -0.116 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 42 Resp: 27
Ion Ratio Lower Upper
42 100
72 0.0 35.1 52.7#
71 0.0 31.9 47.9#





#30

Chloroform

Concen: 0.007 ug/l

RT: 5.111 min Scan# 6

Delta R.T. 0.006 min

Lab File: VX046930.D

Acq: 09 Jul 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

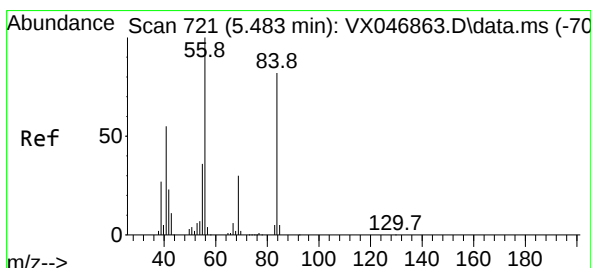
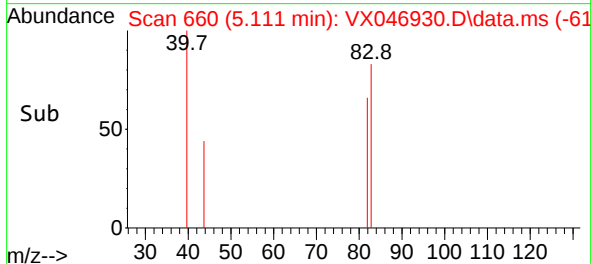
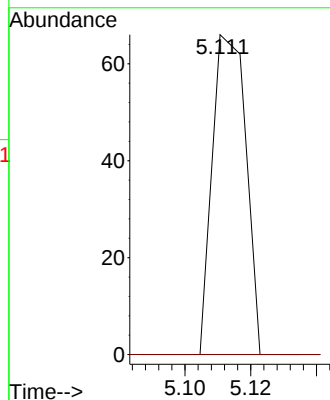
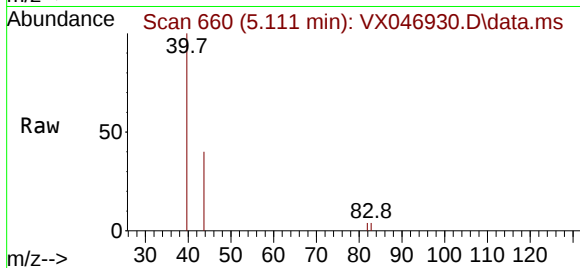
IBLK

Tgt Ion: 83 Resp: 47

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.8#



#31

Cyclohexane

Concen: 1.163 ug/l

RT: 5.568 min Scan# 735

Delta R.T. 0.085 min

Lab File: VX046930.D

Acq: 09 Jul 2025 14:27

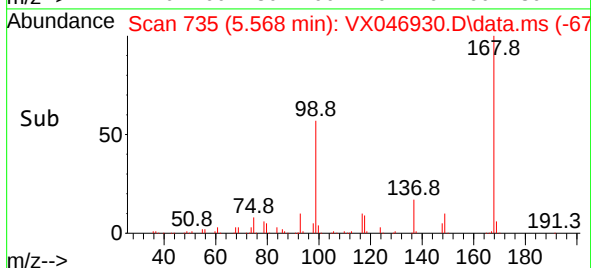
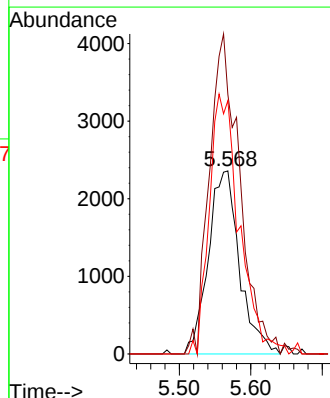
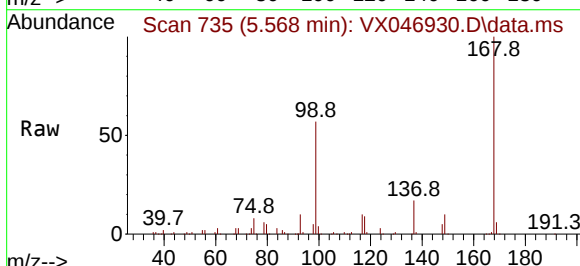
Tgt Ion: 56 Resp: 7137

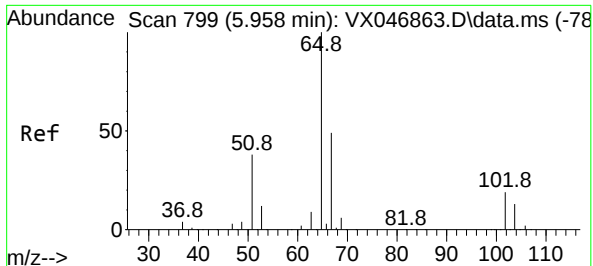
Ion Ratio Lower Upper

56 100

69 141.7 24.0 36.0#

84 138.4 66.5 99.7#

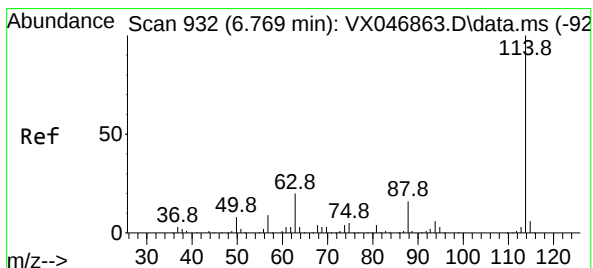
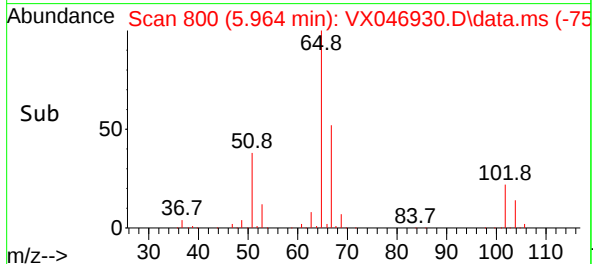
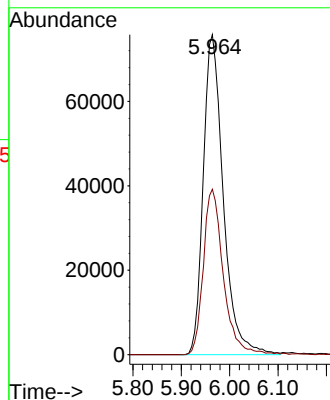
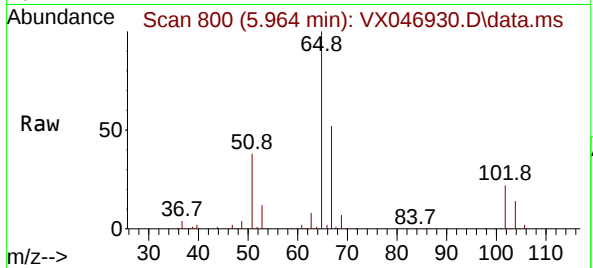




#33
 1,2-Dichloroethane-d4
 Concen: 50.809 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.006 min
 Lab File: VX046930.D
 Acq: 09 Jul 2025 14:27

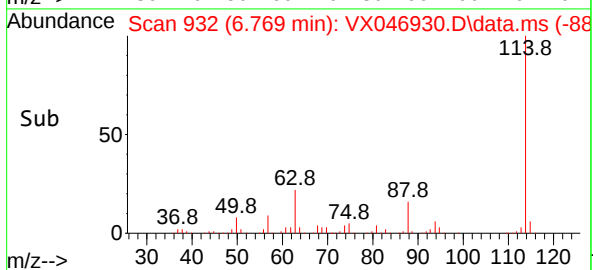
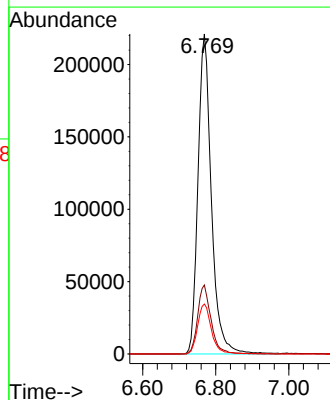
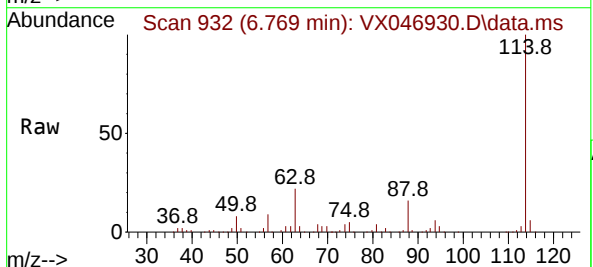
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

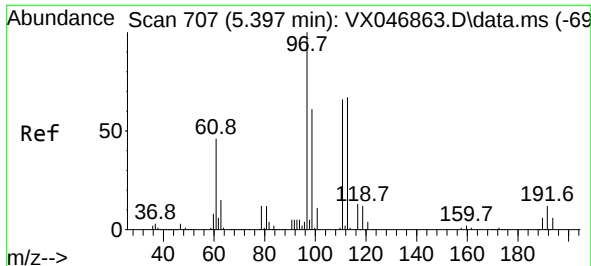
Tgt Ion: 65 Resp: 218062
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX046930.D
 Acq: 09 Jul 2025 14:27

Tgt Ion: 114 Resp: 563541
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 40.4
 88 15.6 0.0 31.0

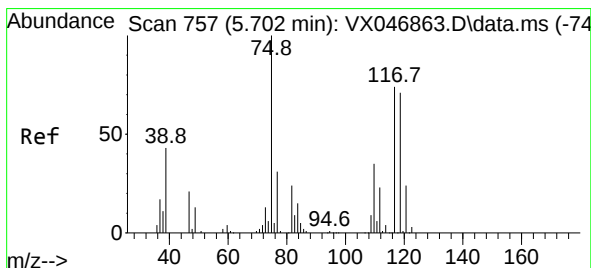
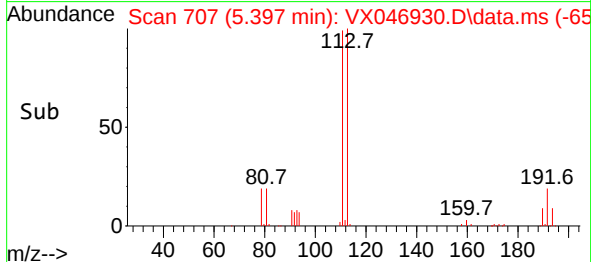
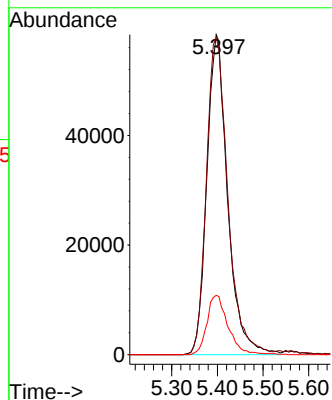
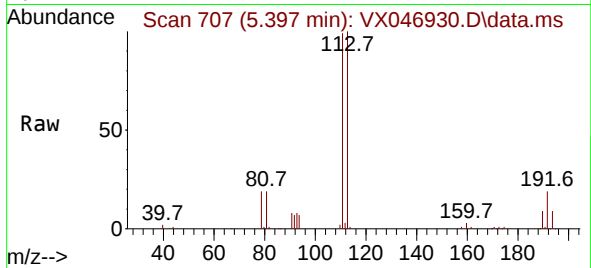




#35
Dibromofluoromethane
Concen: 48.255 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

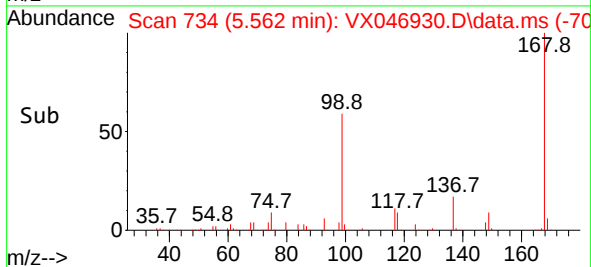
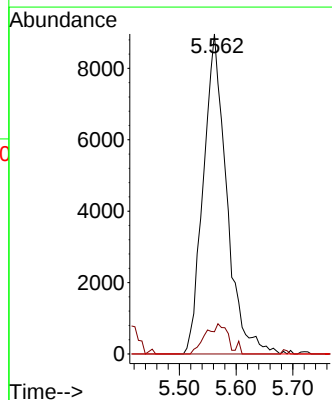
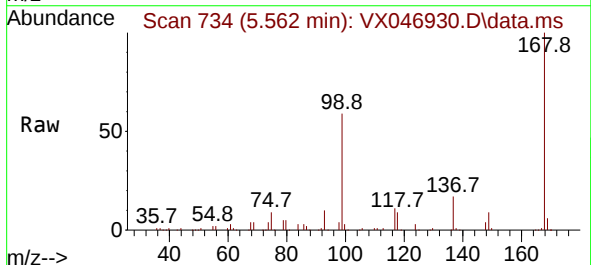
Instrument :
MSVOA_X
ClientSampleId :
IBLK

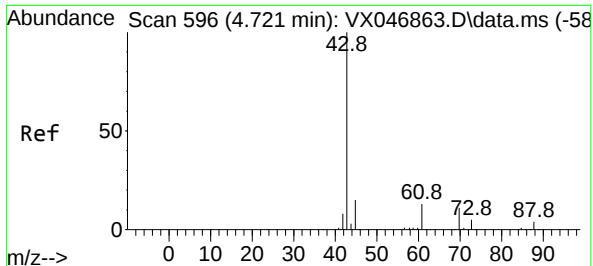
Tgt Ion:113 Resp: 184593
Ion Ratio Lower Upper
113 100
111 102.3 81.2 121.8
192 18.9 15.3 22.9



#36
1,1-Dichloropropene
Concen: 4.963 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 75 Resp: 25615
Ion Ratio Lower Upper
75 100
110 8.8 17.3 51.9#
77 0.0 24.2 36.4#





#37

Ethyl Acetate

Concen: 0.040 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.012 min

Lab File: VX046930.D

Acq: 09 Jul 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

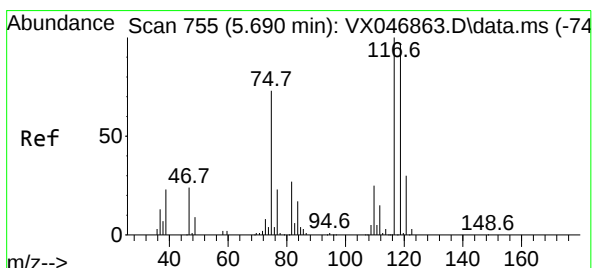
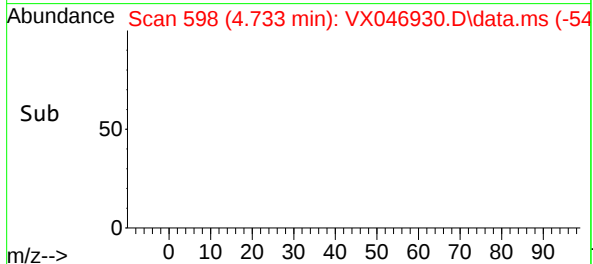
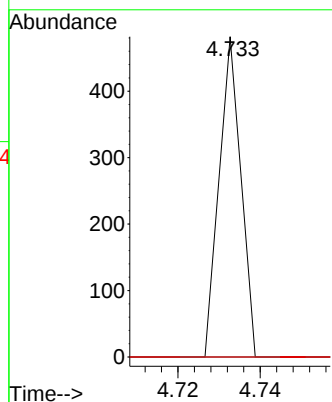
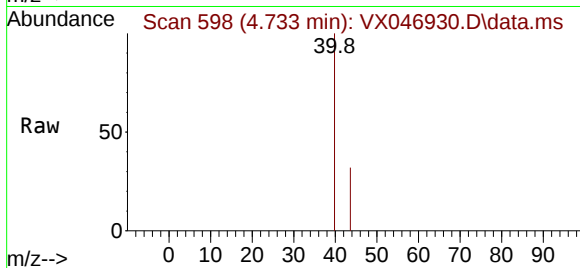
Tgt Ion: 43 Resp: 176

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.023 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.128 min

Lab File: VX046930.D

Acq: 09 Jul 2025 14:27

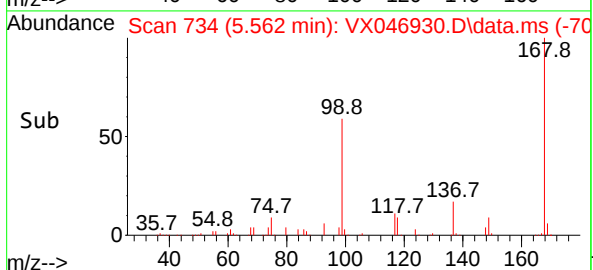
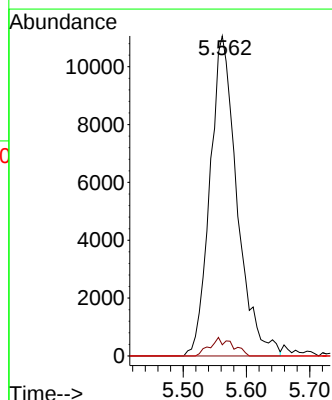
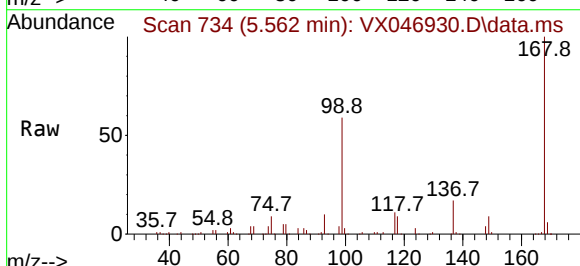
Tgt Ion: 117 Resp: 32866

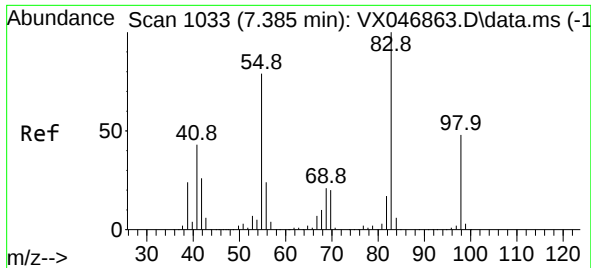
Ion Ratio Lower Upper

117 100

119 3.5 76.6 114.8#

121 0.0 24.1 36.1#

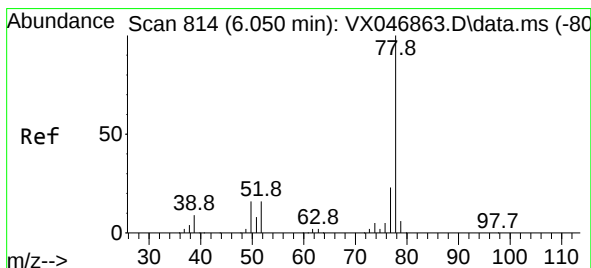
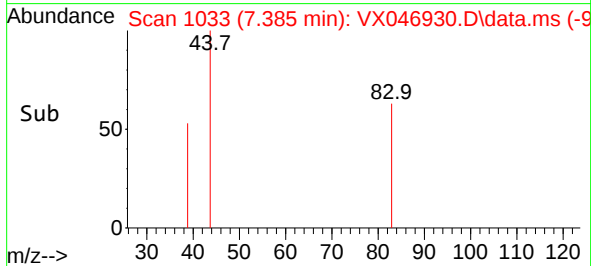
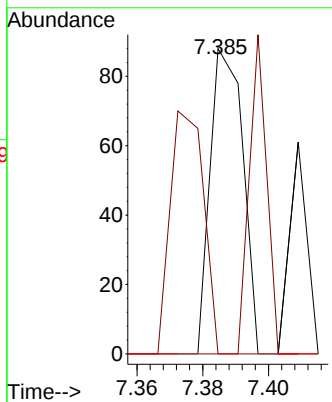
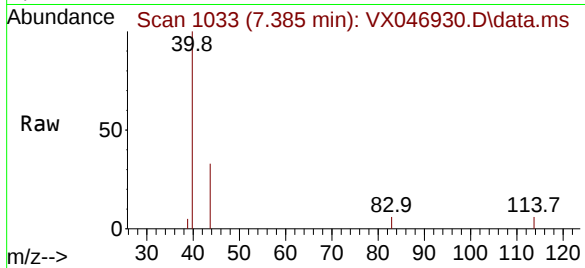




#39
Methylcyclohexane
Concen: 0.009 ug/l
RT: 7.385 min Scan# 10
Delta R.T. -0.000 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

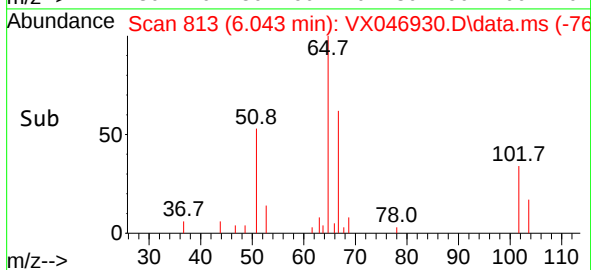
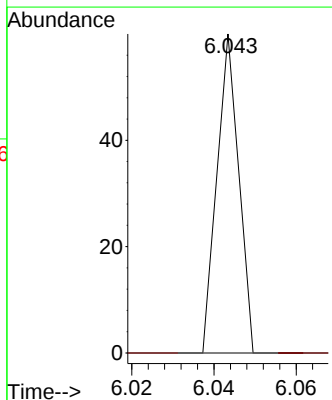
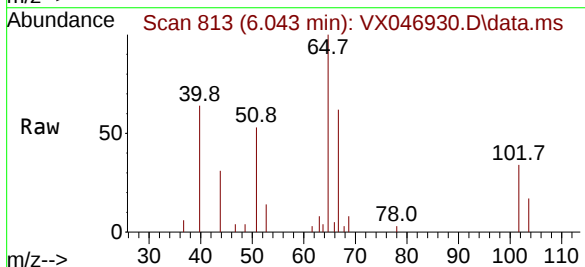
Instrument :
MSVOA_X
ClientSampleId :
IBLK

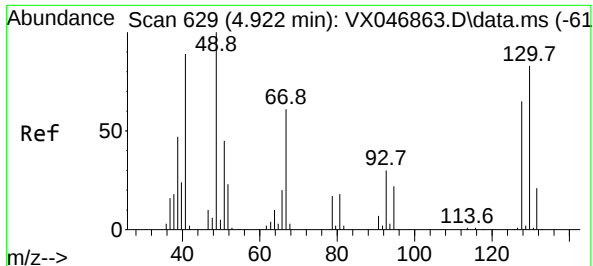
Tgt Ion: 83 Resp: 61
Ion Ratio Lower Upper
83 100
55 0.0 63.0 94.4#
98 0.0 38.5 57.7#



#40
Benzene
Concen: 0.001 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.006 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 78 Resp: 22
Ion Ratio Lower Upper
78 100
77 0.0 18.7 28.1#

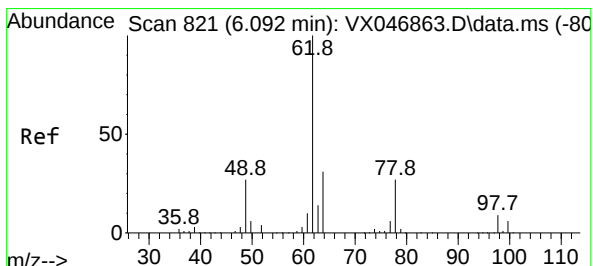
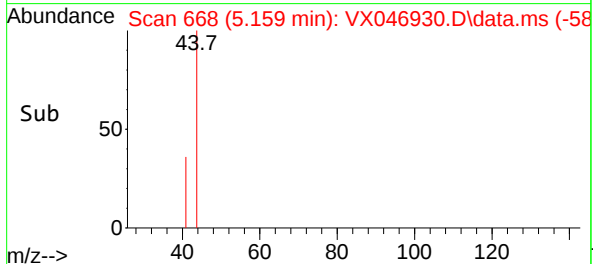
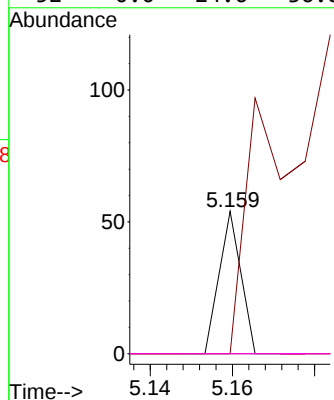
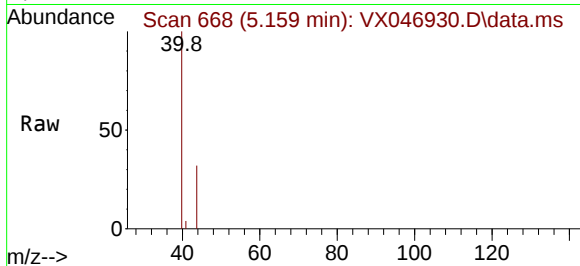




#41
Methacrylonitrile
Concen: 0.009 ug/l
RT: 5.159 min Scan# 60
Delta R.T. 0.238 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

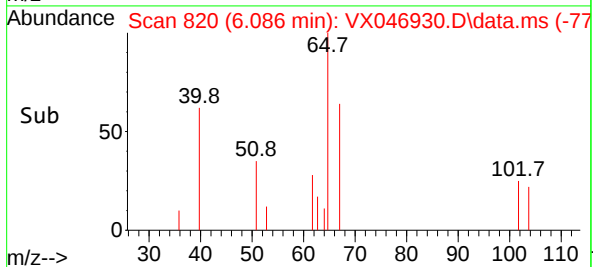
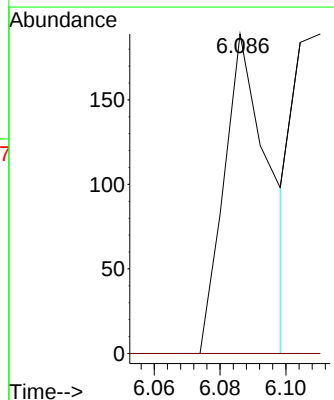
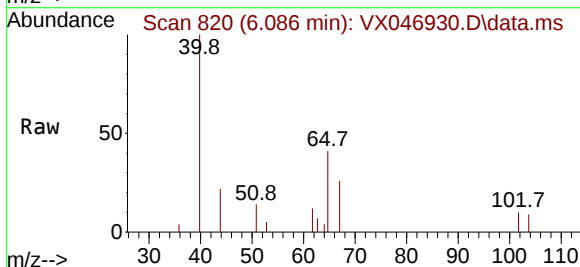
Instrument :
MSVOA_X
ClientSampleId :
IBLK

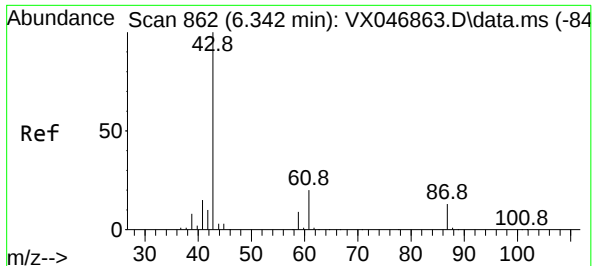
Tgt Ion:	41	Resp:	20
Ion	Ratio	Lower	Upper
41	100		
39	0.0	43.0	64.4#
67	0.0	60.2	90.2#
52	0.0	24.6	36.8#



#42
1,2-Dichloroethane
Concen: 0.034 ug/l
RT: 6.086 min Scan# 820
Delta R.T. -0.006 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion:	62	Resp:	180
Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	19.4

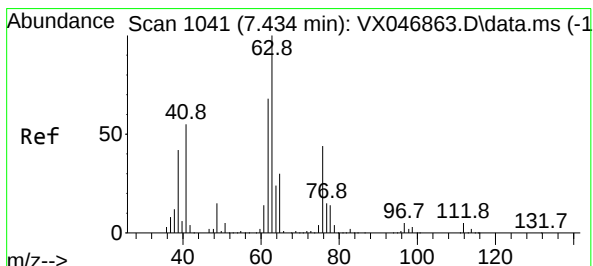
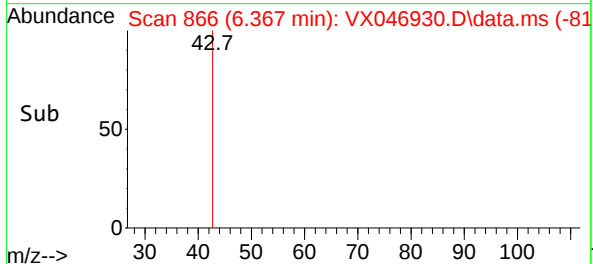
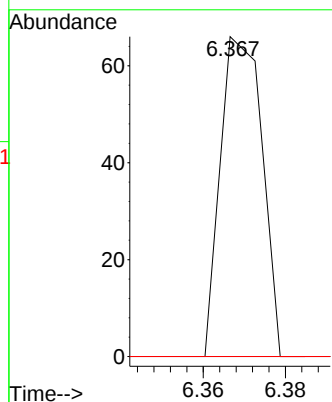
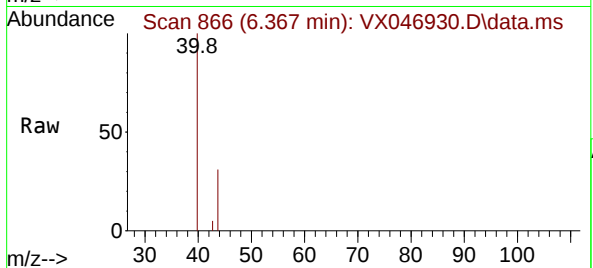




#43
Isopropyl Acetate
Concen: 0.007 ug/l
RT: 6.367 min Scan# 80
Delta R.T. 0.024 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

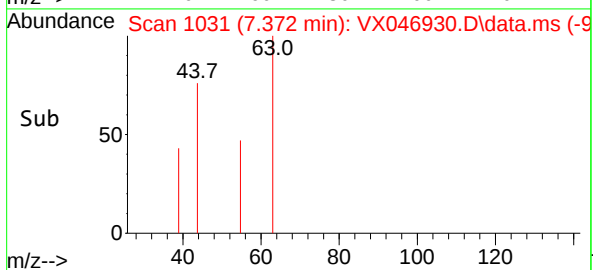
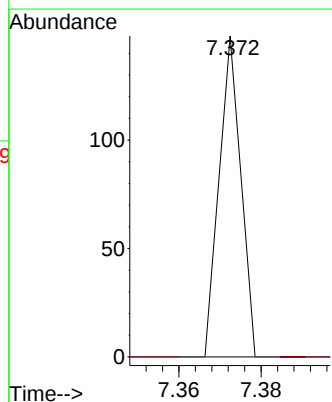
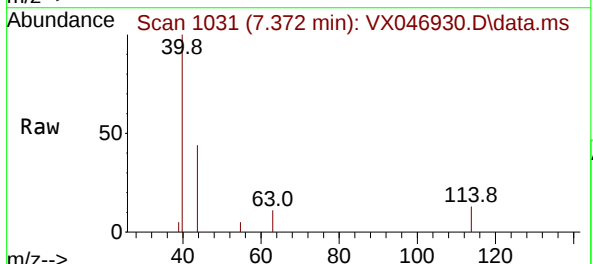
Instrument :
MSVOA_X
ClientSampleId :
IBLK

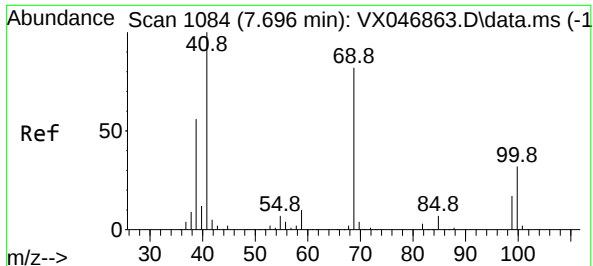
Tgt Ion: 43 Resp: 46
Ion Ratio Lower Upper
43 100
61 0.0 15.7 23.5#
87 0.0 10.1 15.1#



#45
1,2-Dichloropropane
Concen: 0.014 ug/l
RT: 7.372 min Scan# 1031
Delta R.T. -0.061 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 63 Resp: 54
Ion Ratio Lower Upper
63 100
65 0.0 24.2 36.2#





#48

Methyl methacrylate

Concen: 0.013 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.097 min

Lab File: VX046930.D

Acq: 09 Jul 2025 14:27

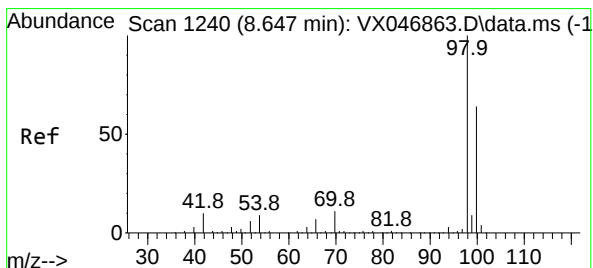
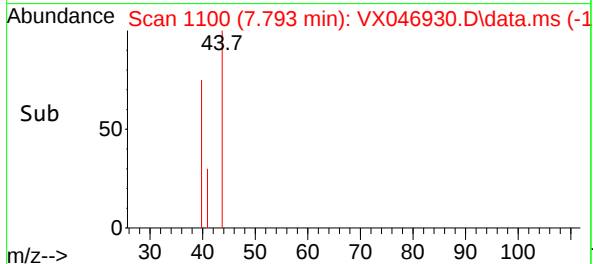
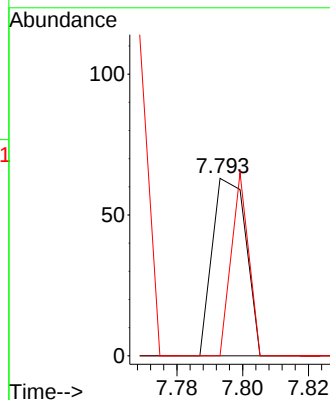
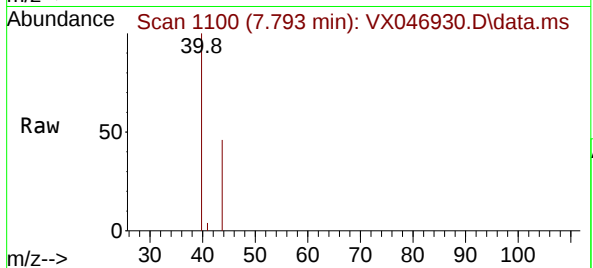
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 41	Resp: 45
Ion Ratio	Lower Upper
41 100	
69 0.0	65.8 98.8#
39 0.0	43.8 65.6#



#50

Toluene-d8

Concen: 50.050 ug/l

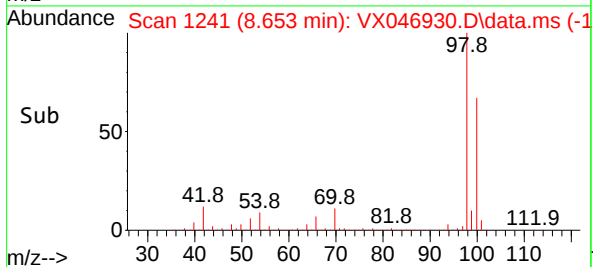
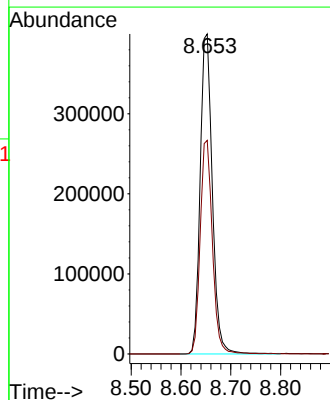
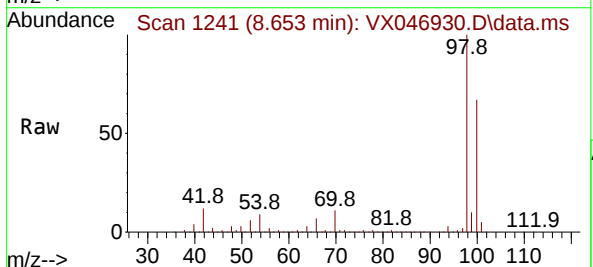
RT: 8.653 min Scan# 1241

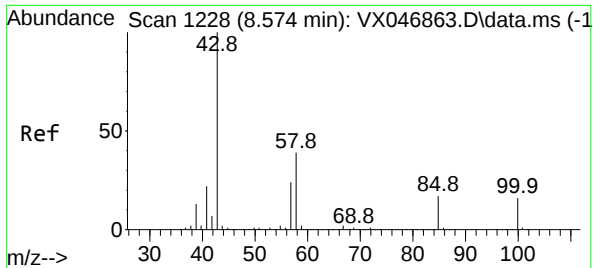
Delta R.T. 0.006 min

Lab File: VX046930.D

Acq: 09 Jul 2025 14:27

Tgt Ion: 98	Resp: 675509
Ion Ratio	Lower Upper
98 100	
100 67.0	53.0 79.6

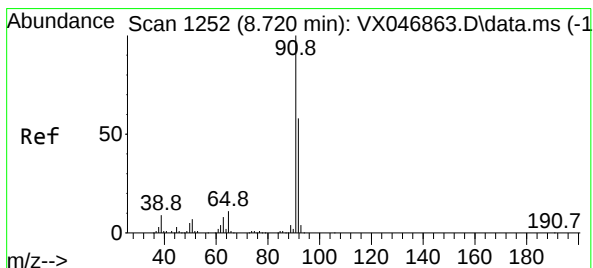
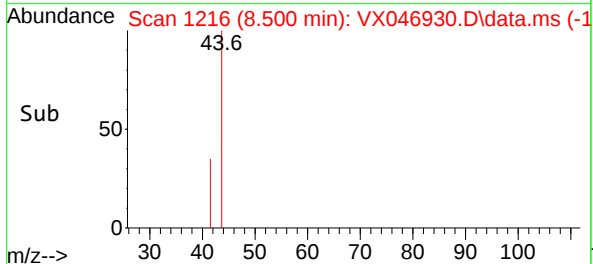
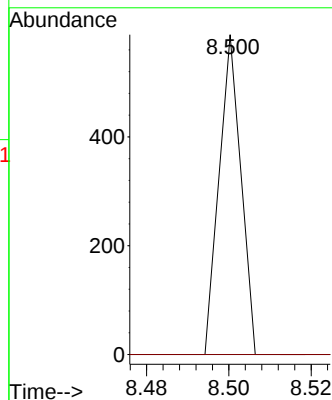
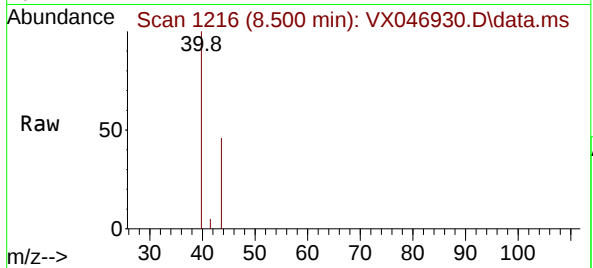




#51
4-Methyl-2-Pentanone
Concen: 0.054 ug/l
RT: 8.500 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

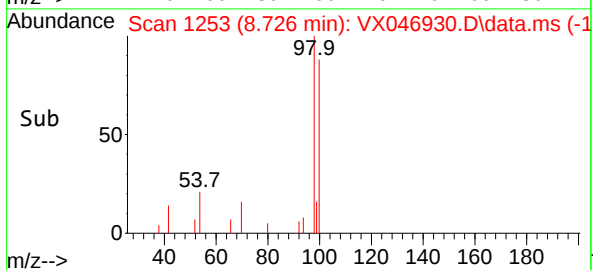
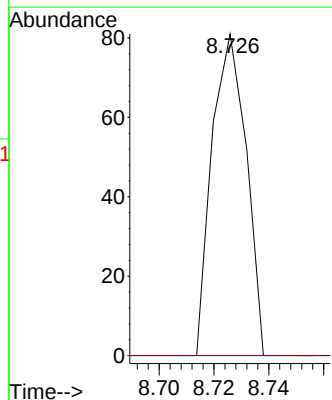
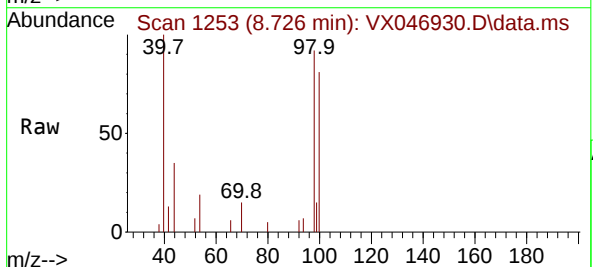
Instrument :
MSVOA_X
ClientSampleId :
IBLK

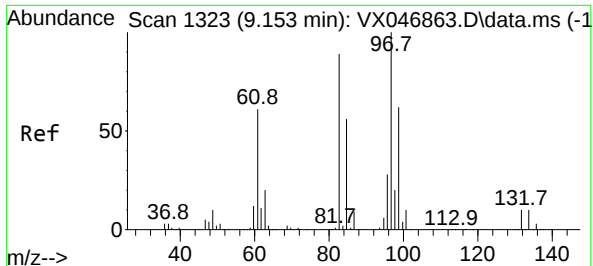
Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#



#52
Toluene
Concen: 0.007 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.006 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 92 Resp: 70
Ion Ratio Lower Upper
92 100
91 0.0 137.9 206.9#





#55

1,1,2-Trichloroethane

Concen: 0.006 ug/l

RT: 9.293 min Scan# 11

Delta R.T. 0.140 min

Lab File: VX046930.D

Acq: 09 Jul 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion: 97 Resp: 22

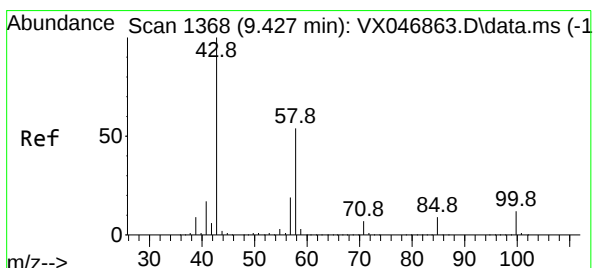
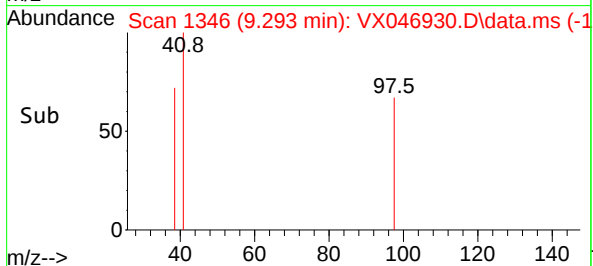
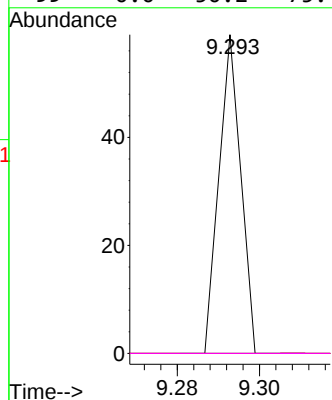
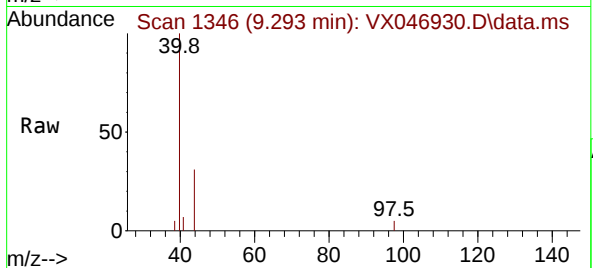
Ion Ratio Lower Upper

97 100

83 0.0 70.9 106.3#

85 0.0 44.6 67.0#

99 0.0 50.2 75.4#



#59

2-Hexanone

Concen: 0.074 ug/l

RT: 9.335 min Scan# 1353

Delta R.T. -0.092 min

Lab File: VX046930.D

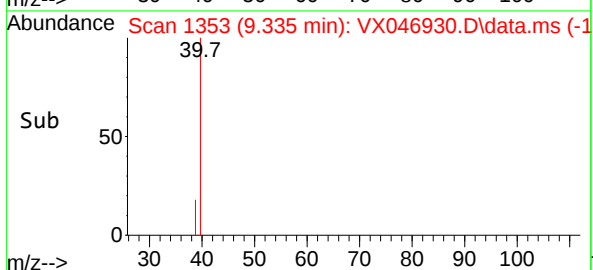
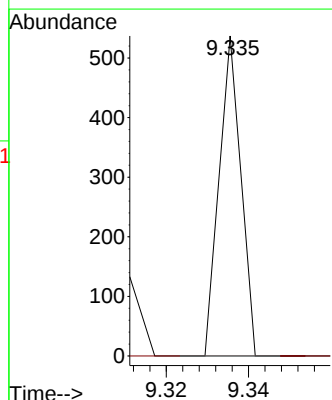
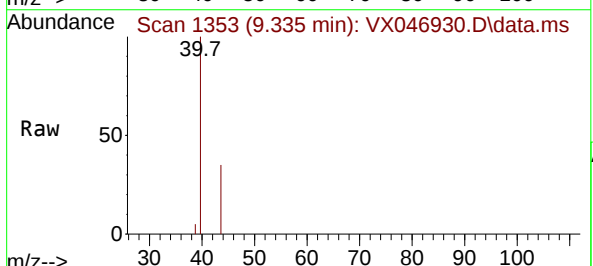
Acq: 09 Jul 2025 14:27

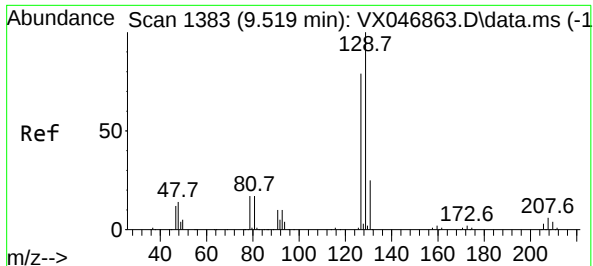
Tgt Ion: 43 Resp: 196

Ion Ratio Lower Upper

43 100

58 0.0 27.1 81.3#





#60

Dibromochloromethane

Concen: 0.004 ug/l

RT: 9.524 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX046930.D

Acq: 09 Jul 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

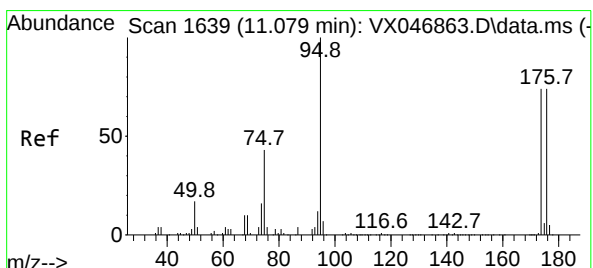
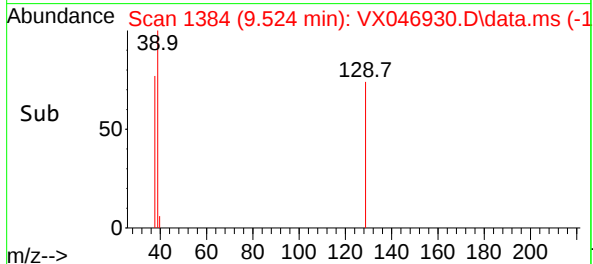
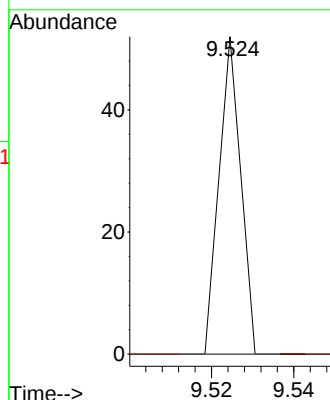
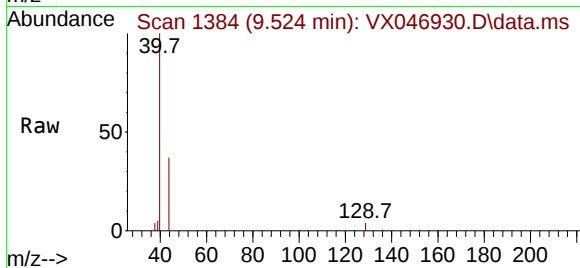
IBLK

Tgt Ion:129 Resp: 19

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.5#



#62

4-Bromofluorobenzene

Concen: 49.483 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX046930.D

Acq: 09 Jul 2025 14:27

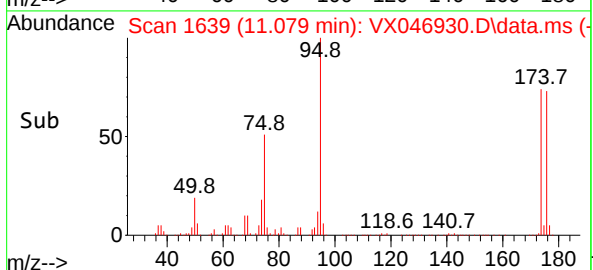
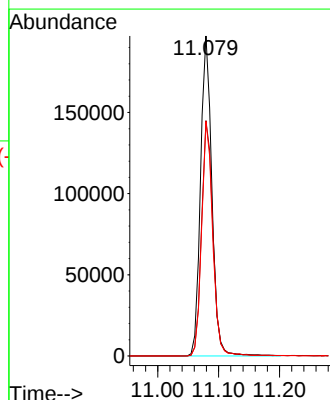
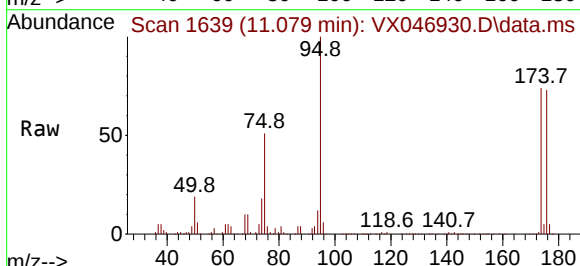
Tgt Ion: 95 Resp: 253820

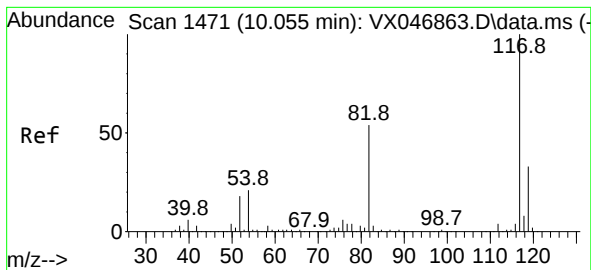
Ion Ratio Lower Upper

95 100

174 74.3 0.0 152.0

176 71.6 0.0 145.2

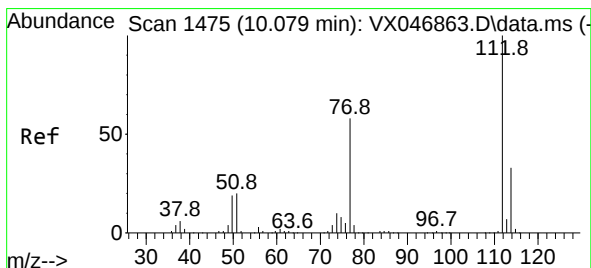
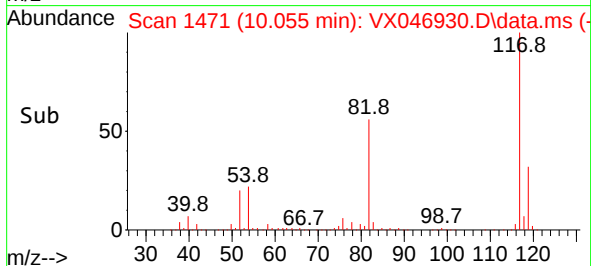
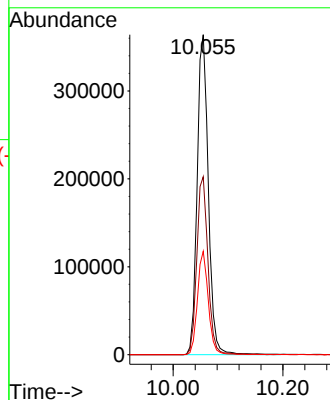
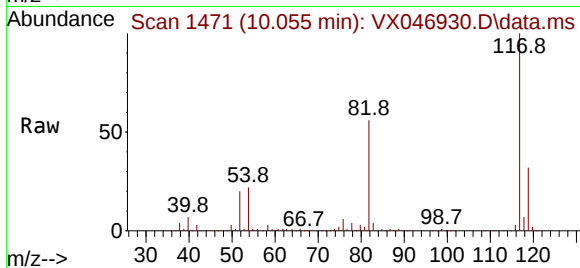




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

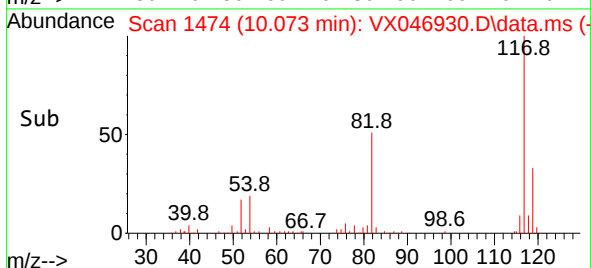
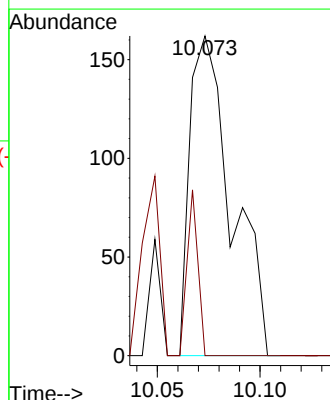
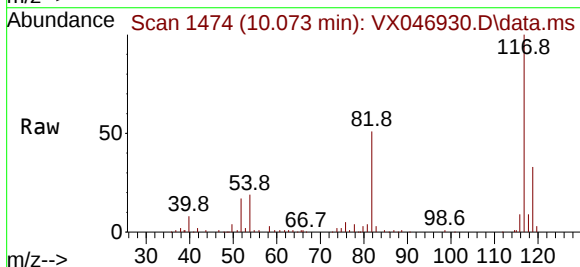
Instrument :
MSVOA_X
ClientSampleId :
IBLK

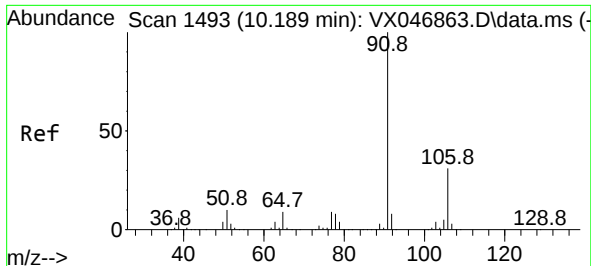
Tgt Ion:117 Resp: 517518
Ion Ratio Lower Upper
117 100
82 55.6 43.3 64.9
119 32.3 26.4 39.6



#65
Chlorobenzene
Concen: 0.021 ug/l
RT: 10.073 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion:112 Resp: 231
Ion Ratio Lower Upper
112 100
114 183.3 26.3 39.5#

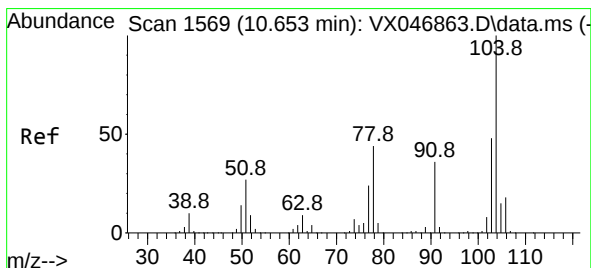
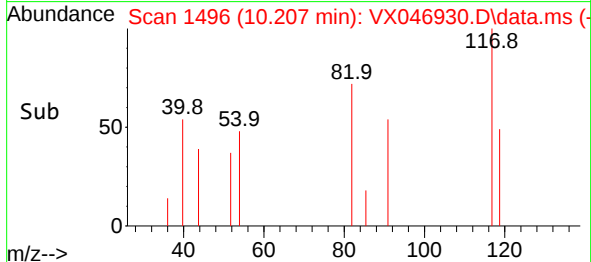
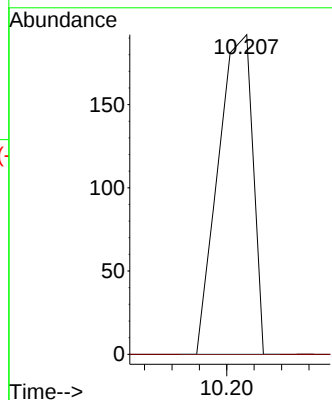
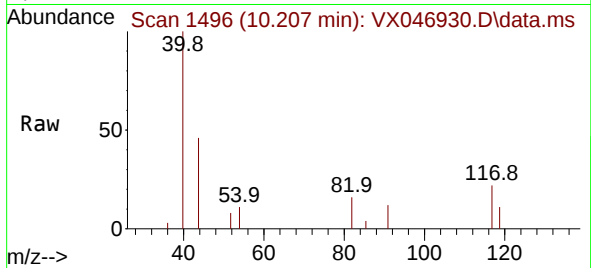




#67
Ethyl Benzene
Concen: 0.009 ug/l
RT: 10.207 min Scan# 1496
Delta R.T. 0.018 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

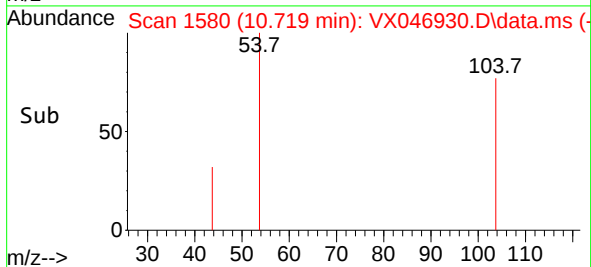
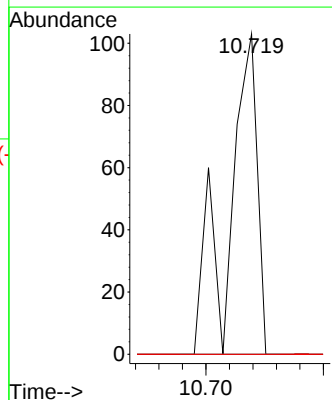
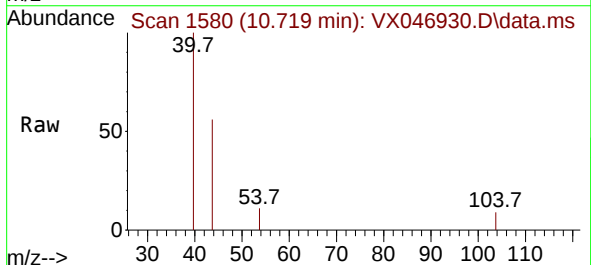
Instrument : MSVOA_X
ClientSampleId : IBLK

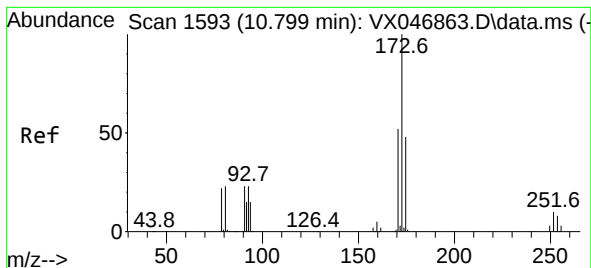
Tgt Ion: 91 Resp: 168
Ion Ratio Lower Upper
91 100
106 0.0 24.4 36.6#



#70
Styrene
Concen: 0.007 ug/l
RT: 10.719 min Scan# 1580
Delta R.T. 0.067 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion:104 Resp: 87
Ion Ratio Lower Upper
104 100
78 0.0 40.3 60.5#
103 0.0 42.8 64.2#





#71

Bromoform

Concen: 0.050 ug/l

RT: 10.811 min Scan# 1595

Delta R.T. 0.012 min

Lab File: VX046930.D

Acq: 09 Jul 2025 14:27

Instrument :

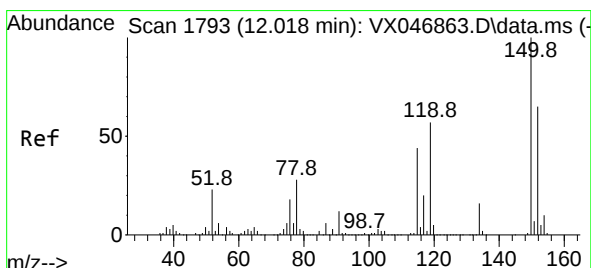
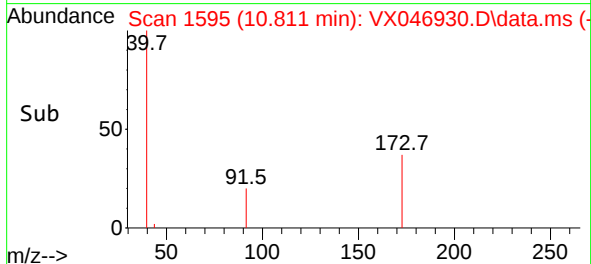
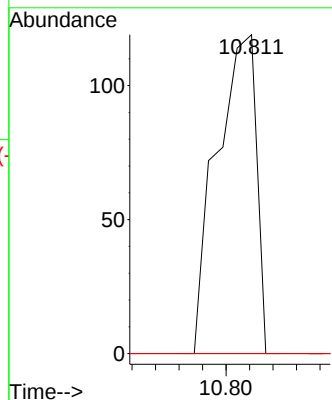
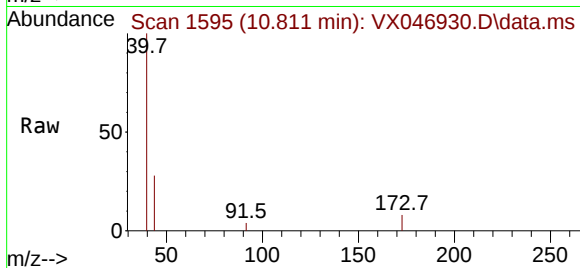
MSVOA_X

ClientSampleId :

IBLK

Tgt Ion:173 Resp: 140

Ion	Ratio	Lower	Upper
173	100		
175	0.0	23.8	71.5#
254	0.0	0.1	0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

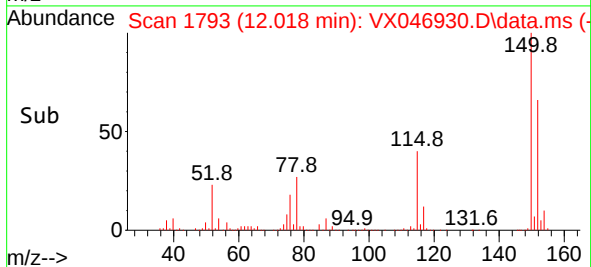
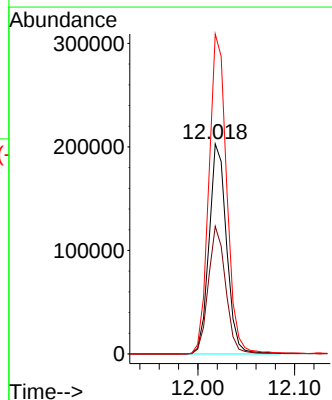
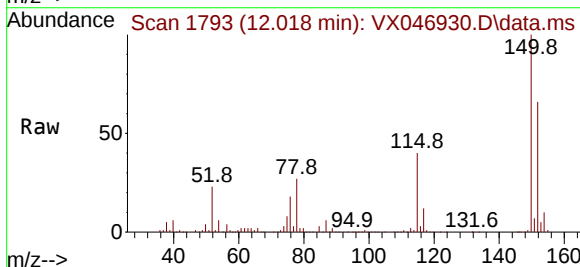
Delta R.T. -0.000 min

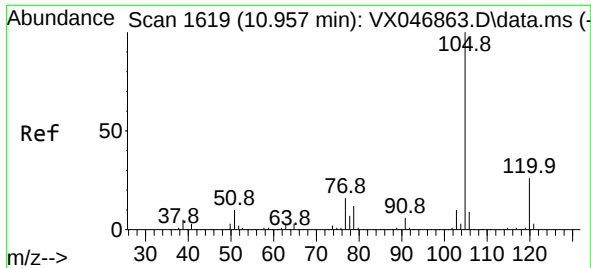
Lab File: VX046930.D

Acq: 09 Jul 2025 14:27

Tgt Ion:152 Resp: 255473

Ion	Ratio	Lower	Upper
152	100		
115	60.4	42.4	127.1
150	155.5	0.0	349.2

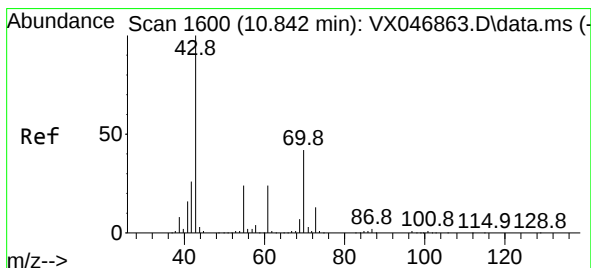
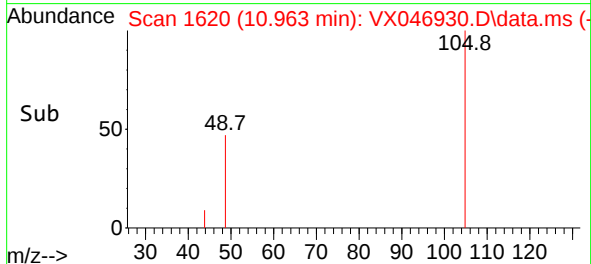
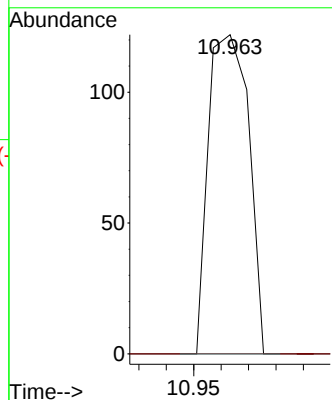
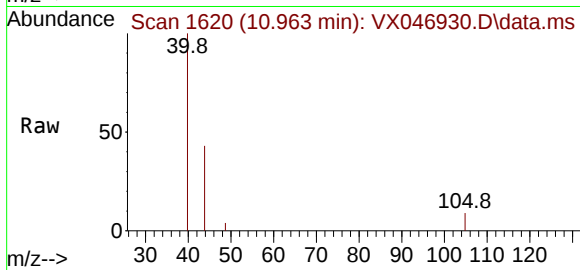




#73
Isopropylbenzene
Concen: 0.007 ug/l
RT: 10.963 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

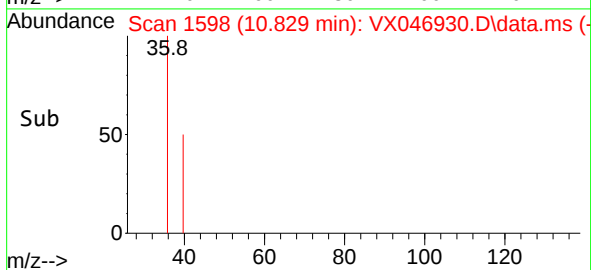
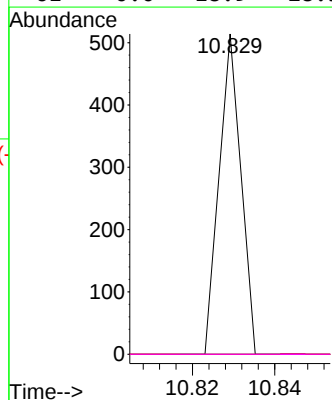
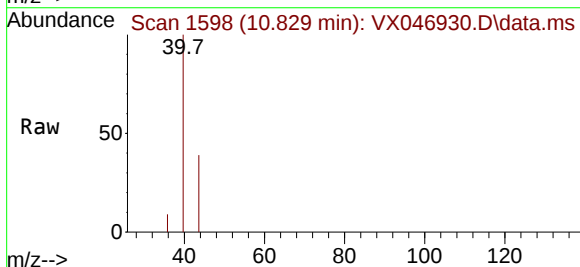
Instrument :
MSVOA_X
ClientSampleId :
IBLK

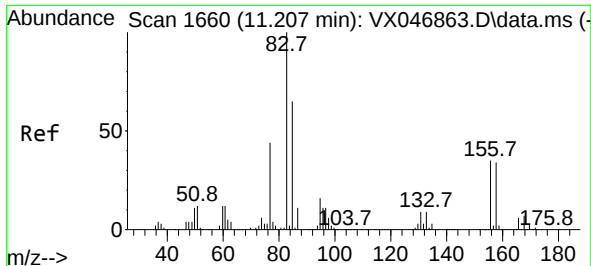
Tgt Ion:105 Resp: 124
Ion Ratio Lower Upper
105 100
120 0.0 13.2 39.5#



#74
N-ethyl acetate
Concen: 0.031 ug/l
RT: 10.829 min Scan# 1598
Delta R.T. -0.012 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.2#
55 0.0 19.6 29.4#
61 0.0 18.9 28.3#

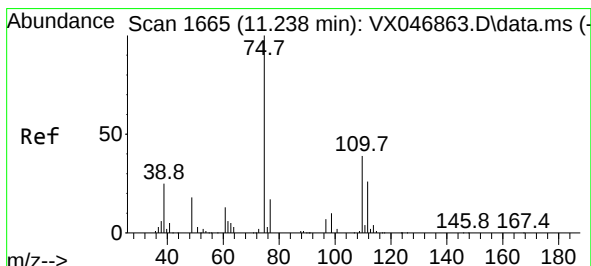
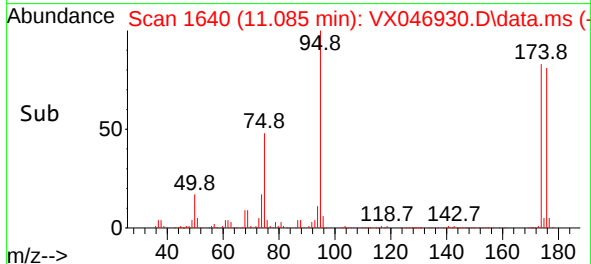
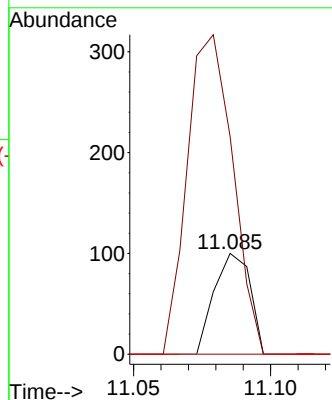
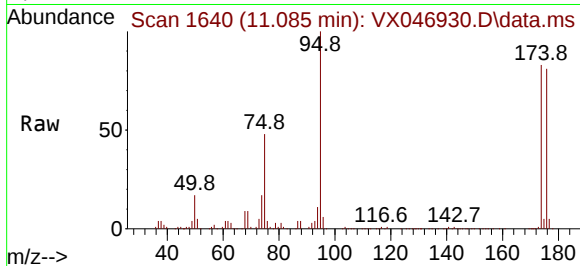




#75
1,1,2,2-Tetrachloroethane
Concen: 0.018 ug/l
RT: 11.085 min Scan# 1639
Delta R.T. -0.122 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

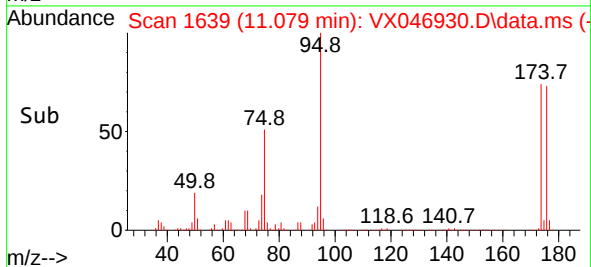
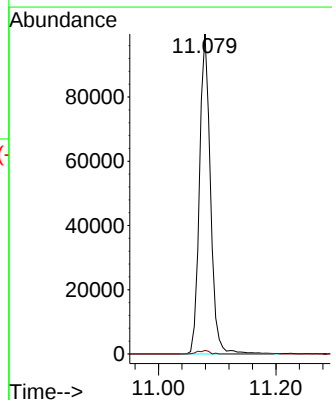
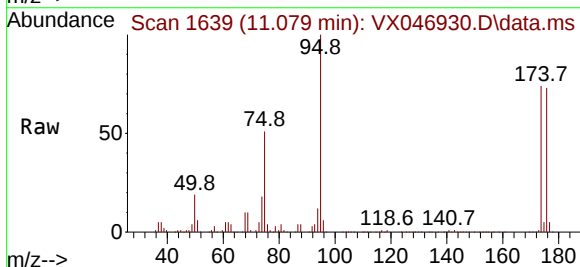
Instrument :
MSVOA_X
ClientSampleId :
IBLK

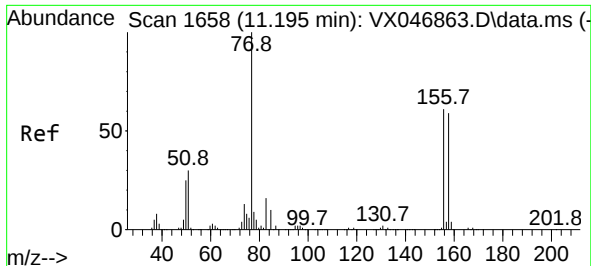
Tgt Ion: 83 Resp: 91
Ion Ratio Lower Upper
83 100
131 402.2 5.0 14.9#
85 0.0 32.1 96.5#



#76
1,2,3-Trichloropropane
Concen: 32.643 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 75 Resp: 128854
Ion Ratio Lower Upper
75 100
77 1.2 20.6 61.8#

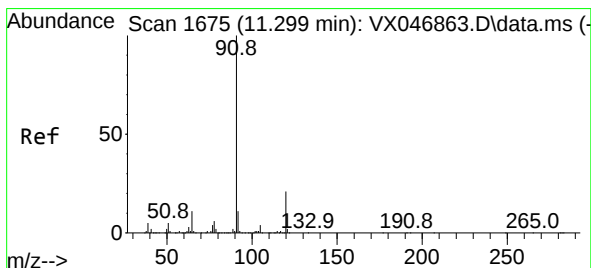
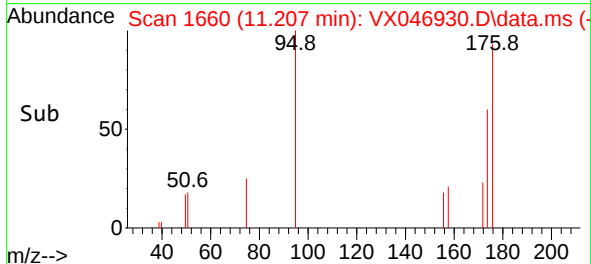
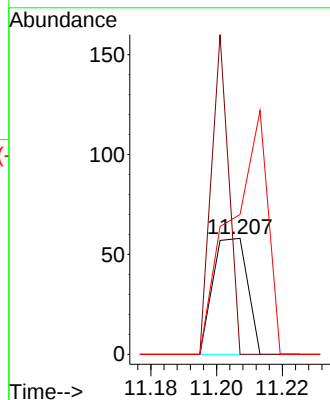
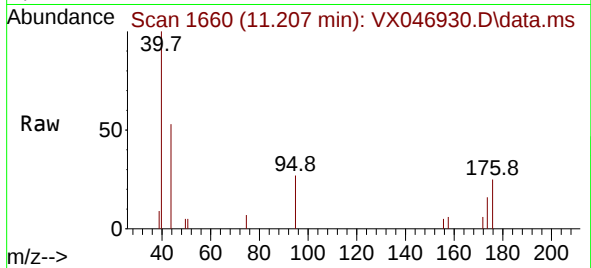




#77
Bromobenzene
Concen: 0.009 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. 0.012 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

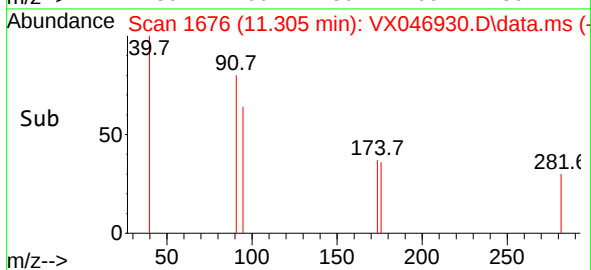
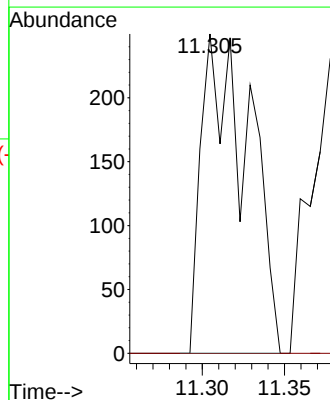
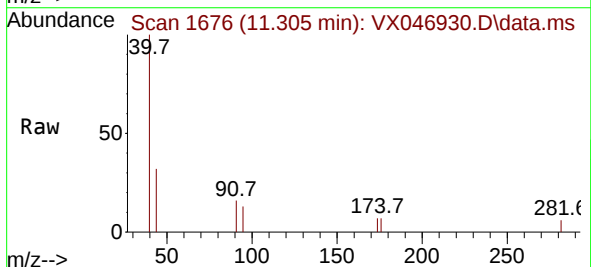
Instrument :
MSVOA_X
ClientSampleId :
IBLK

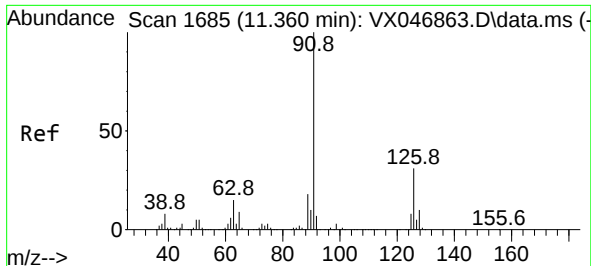
Tgt Ion:156 Resp: 42
Ion Ratio Lower Upper
156 100
77 140.5 82.3 247.0
158 223.8 47.5 142.6#



#78
n-propylbenzene
Concen: 0.023 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 91 Resp: 501
Ion Ratio Lower Upper
91 100
120 0.0 11.2 33.5#

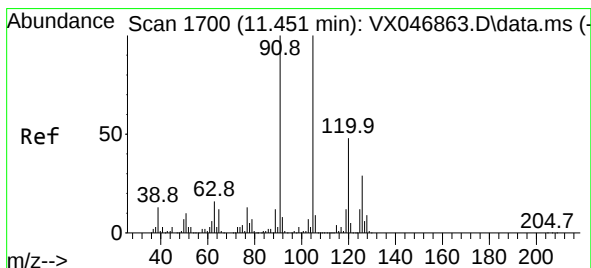
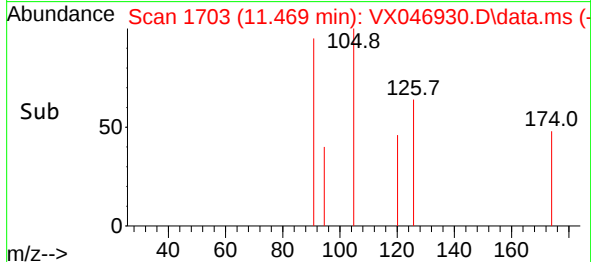
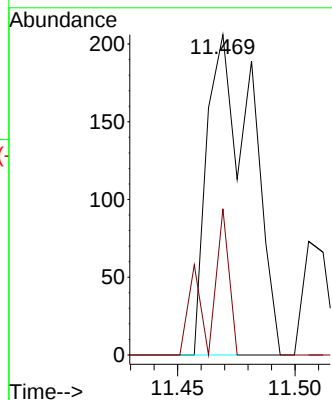
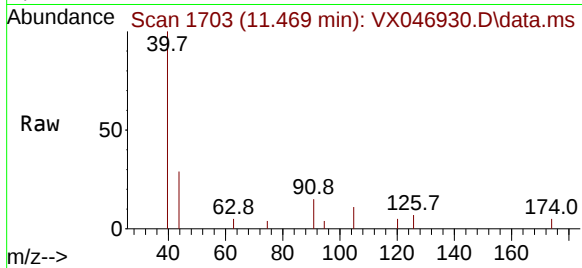




#79
2-Chlorotoluene
Concen: 0.021 ug/l
RT: 11.469 min Scan# 1703
Delta R.T. 0.109 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

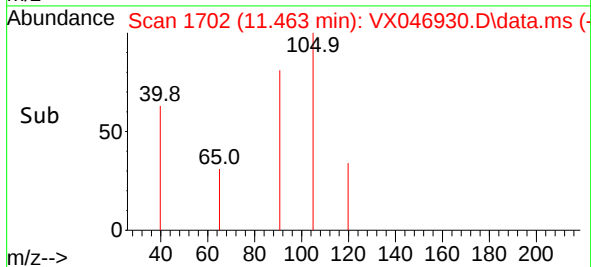
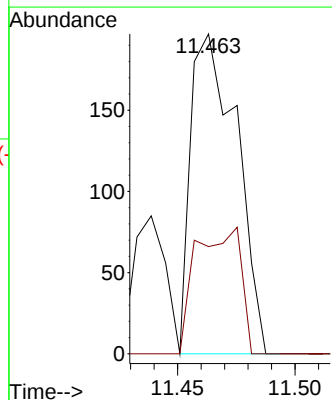
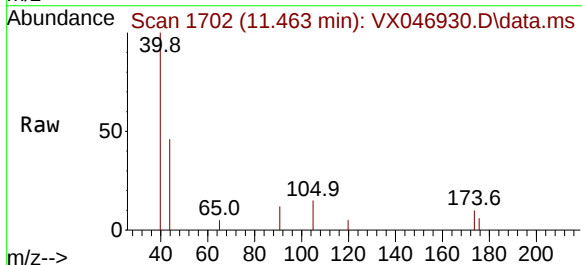
Instrument :
MSVOA_X
ClientSampleId :
IBLK

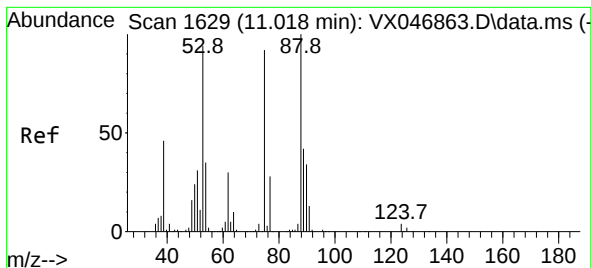
Tgt Ion: 91 Resp: 270
Ion Ratio Lower Upper
91 100
126 20.7 16.6 49.8



#80
1,3,5-Trimethylbenzene
Concen: 0.018 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 105 Resp: 268
Ion Ratio Lower Upper
105 100
120 38.4 24.1 72.4

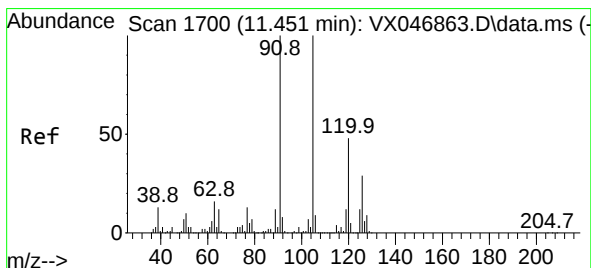
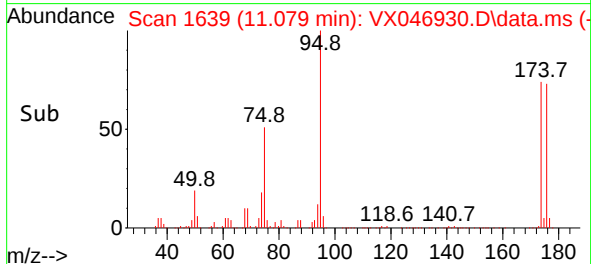
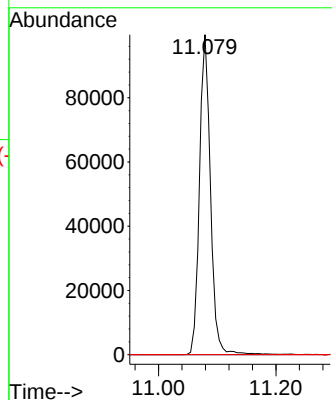
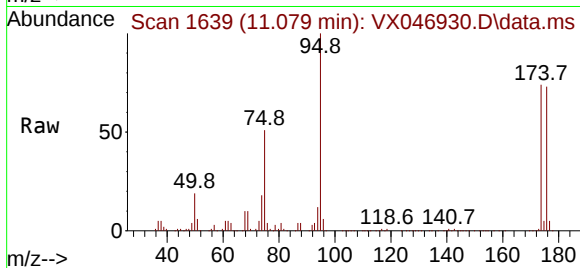




#81
trans-1,4-Dichloro-2-butene
Concen: 87.596 ug/l
RT: 11.079 min Scan# 1107
Delta R.T. 0.061 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

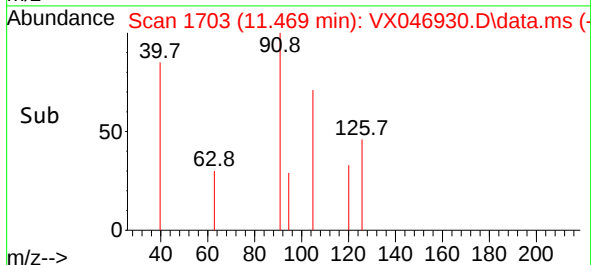
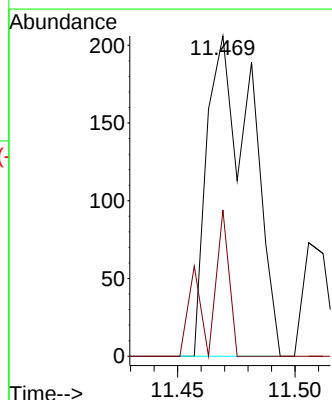
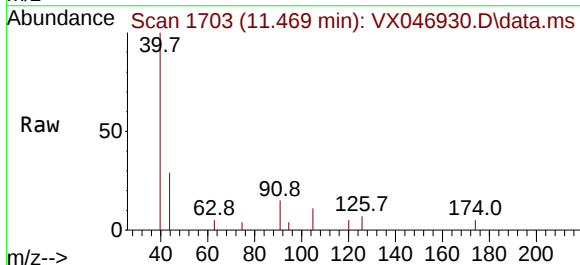
Instrument :
MSVOA_X
ClientSampleId :
IBLK

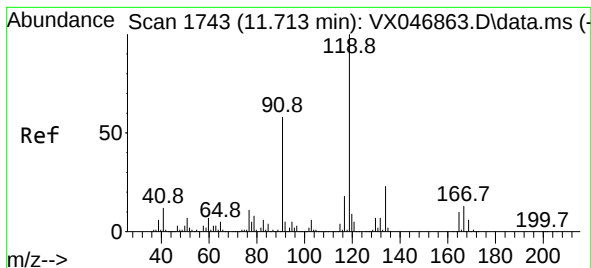
Tgt Ion: 75 Resp: 128854
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#



#82
4-Chlorotoluene
Concen: 0.018 ug/l
RT: 11.469 min Scan# 1703
Delta R.T. 0.018 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion: 91 Resp: 270
Ion Ratio Lower Upper
91 100
126 20.7 14.6 44.0





#83

tert-Butylbenzene

Concen: 0.017 ug/l

RT: 11.707 min Scan# 1751

Delta R.T. -0.006 min

Lab File: VX046930.D

Acq: 09 Jul 2025 14:27

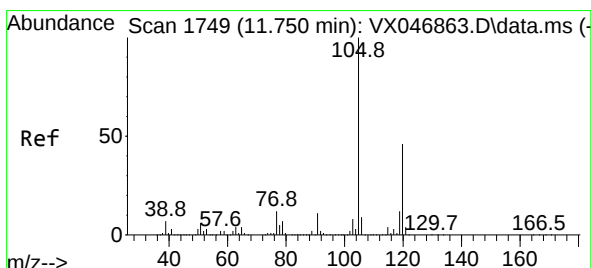
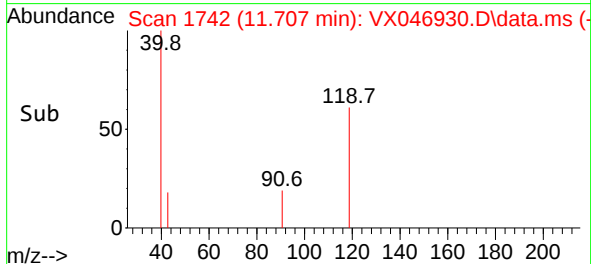
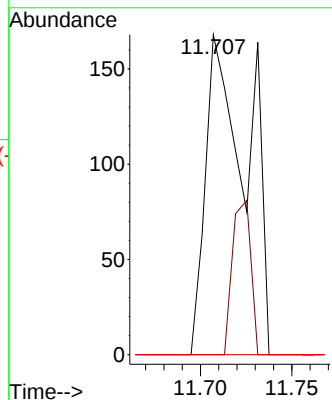
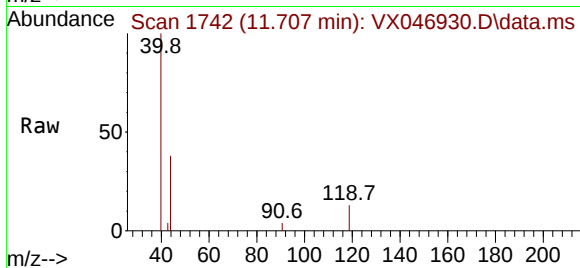
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion:	119	Resp:	262
Ion	Ratio	Lower	Upper
119	100		
91	21.8	28.7	86.3#
134	0.0	11.4	34.2#



#84

1,2,4-Trimethylbenzene

Concen: 0.023 ug/l

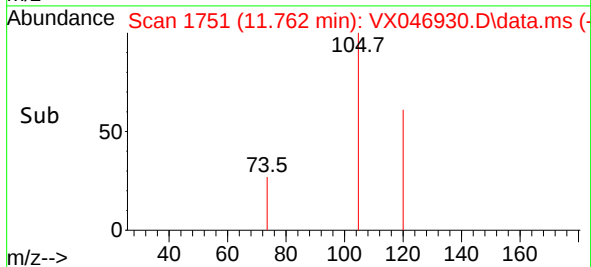
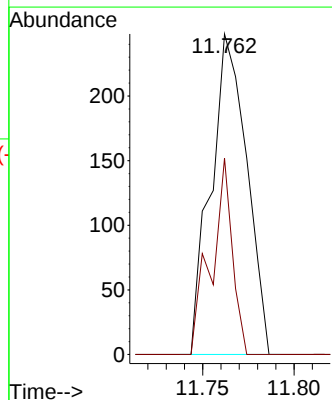
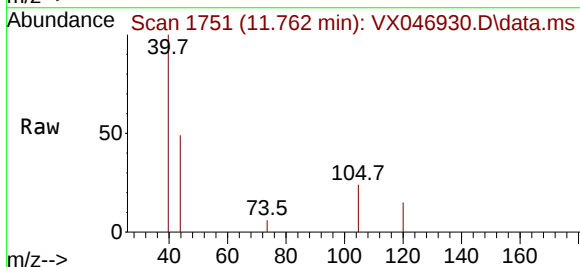
RT: 11.762 min Scan# 1751

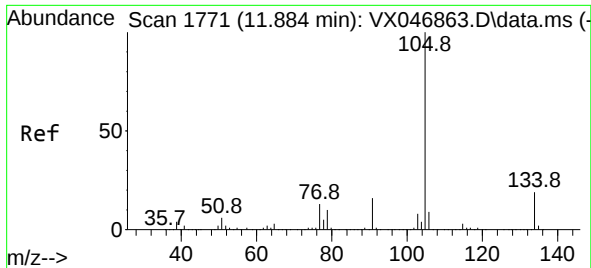
Delta R.T. 0.012 min

Lab File: VX046930.D

Acq: 09 Jul 2025 14:27

Tgt Ion:	105	Resp:	338
Ion	Ratio	Lower	Upper
105	100		
120	36.4	23.3	69.8

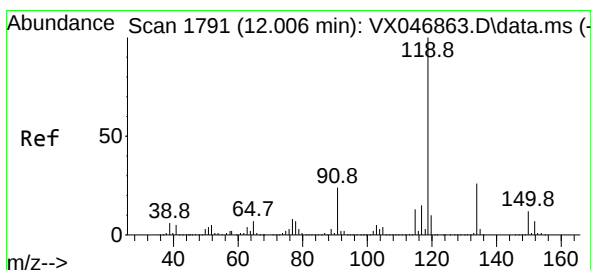
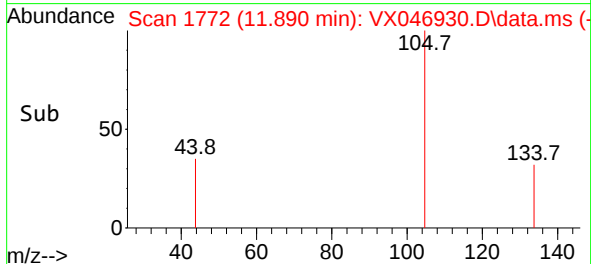
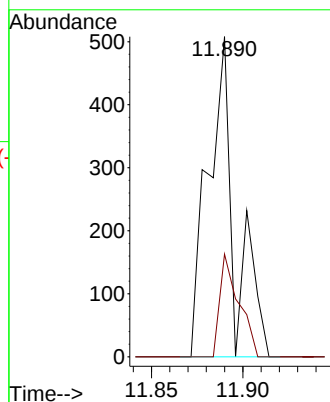
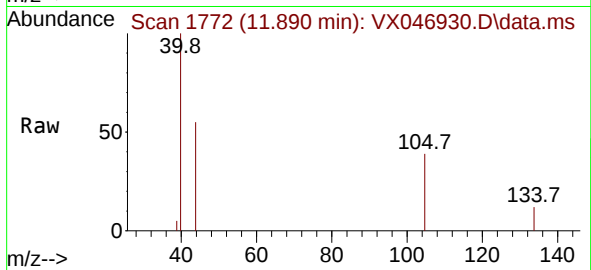




#85
 sec-Butylbenzene
 Concen: 0.027 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX046930.D
 Acq: 09 Jul 2025 14:27

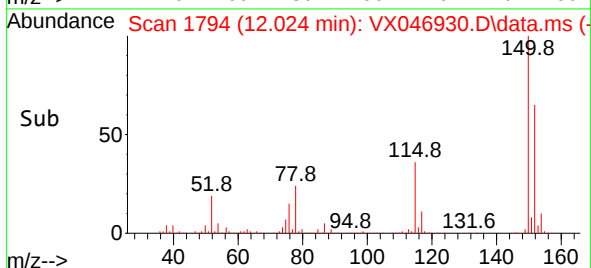
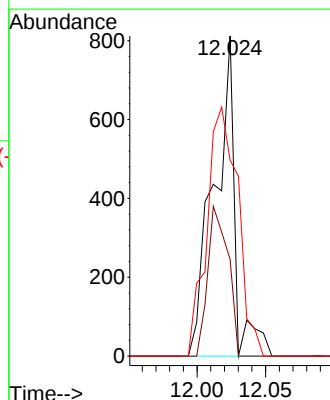
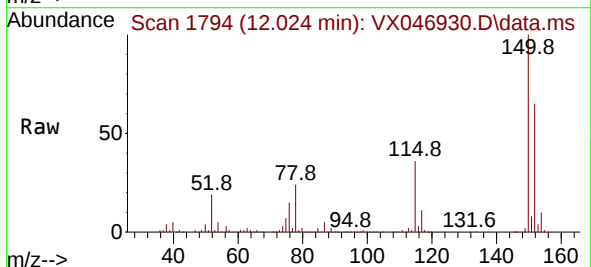
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

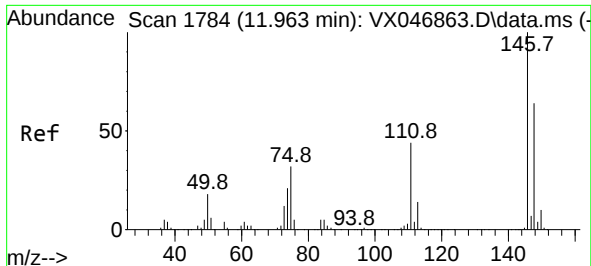
Tgt Ion:105 Resp: 518
 Ion Ratio Lower Upper
 105 100
 134 22.8 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 0.054 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.018 min
 Lab File: VX046930.D
 Acq: 09 Jul 2025 14:27

Tgt Ion:119 Resp: 864
 Ion Ratio Lower Upper
 119 100
 134 45.4 13.0 39.0#
 91 114.9 12.0 36.1#





#87

1,3-Dichlorobenzene

Concen: 0.041 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.012 min

Lab File: VX046930.D

Acq: 09 Jul 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

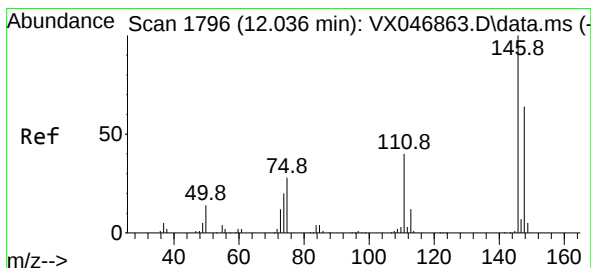
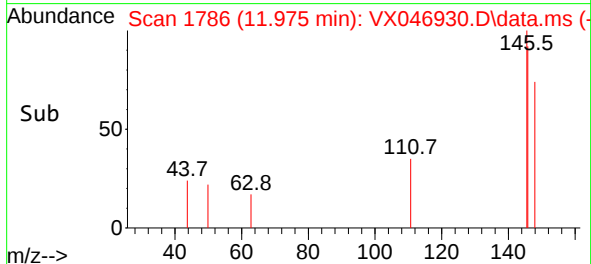
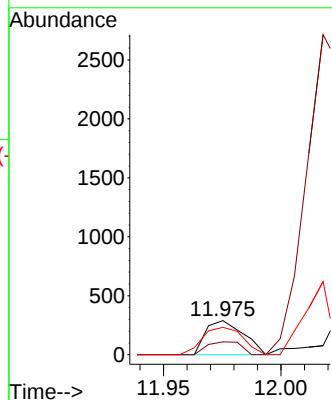
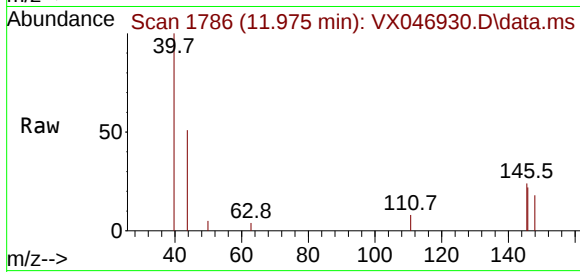
Tgt Ion:146 Resp: 340

Ion Ratio Lower Upper

146 100

111 0.0 20.5 61.6#

148 81.8 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 0.073 ug/l

RT: 12.036 min Scan# 1796

Delta R.T. -0.000 min

Lab File: VX046930.D

Acq: 09 Jul 2025 14:27

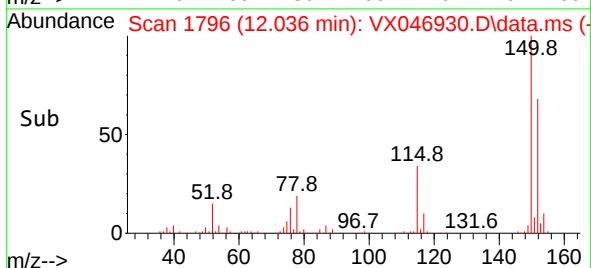
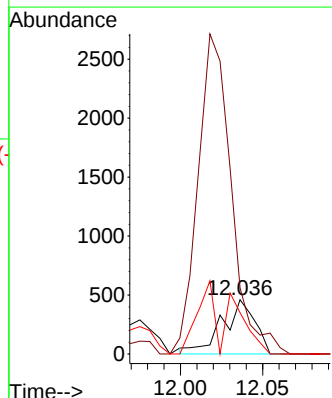
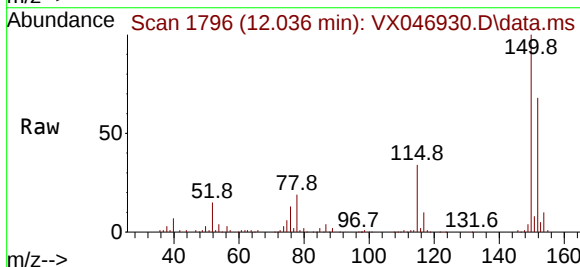
Tgt Ion:146 Resp: 636

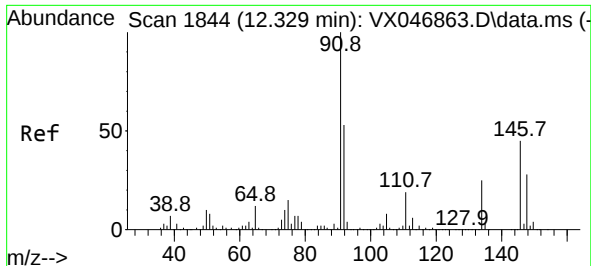
Ion Ratio Lower Upper

146 100

111 0.0 20.2 60.5#

148 66.8 32.4 97.0





#89

n-Butylbenzene

Concen: 0.029 ug/l

RT: 12.341 min Scan# 1846

Delta R.T. 0.012 min

Lab File: VX046930.D

Acq: 09 Jul 2025 14:27

Instrument :

MSVOA_X

ClientSampleId :

IBLK

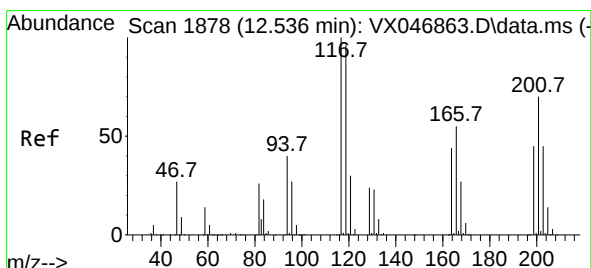
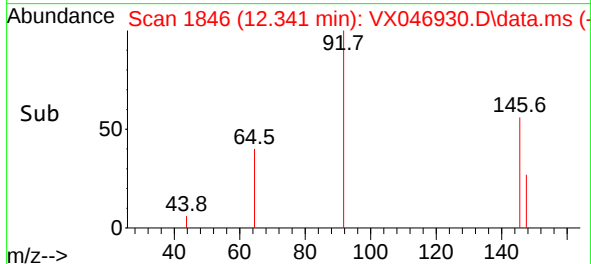
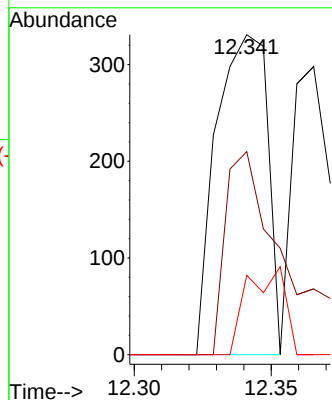
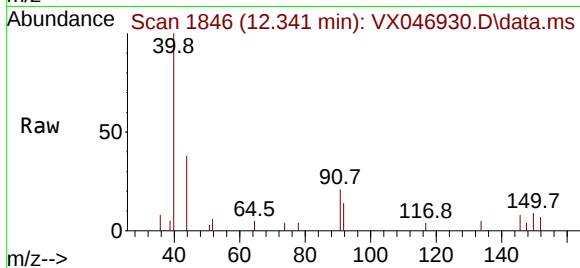
Tgt Ion: 91 Resp: 430

Ion Ratio Lower Upper

91 100

92 70.7 27.0 81.0

134 0.0 12.8 38.4#



#90

Hexachloroethane

Concen: 0.008 ug/l

RT: 12.432 min Scan# 1861

Delta R.T. -0.104 min

Lab File: VX046930.D

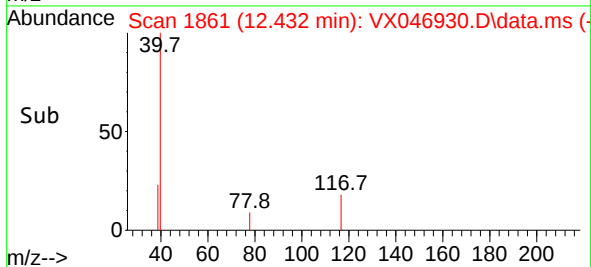
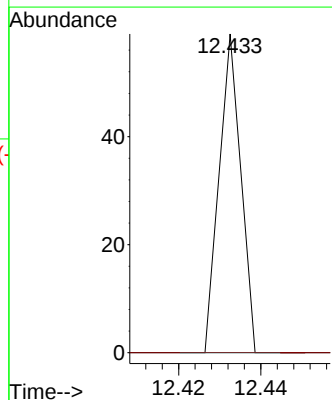
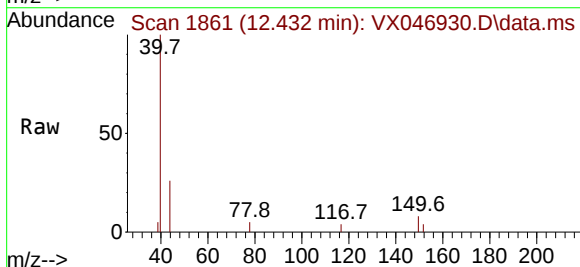
Acq: 09 Jul 2025 14:27

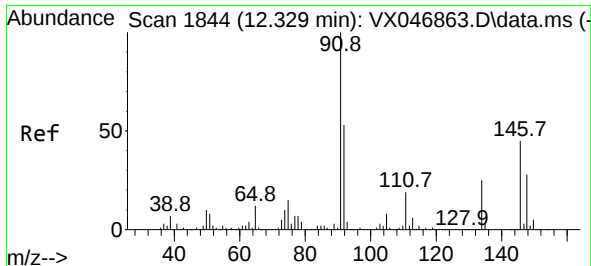
Tgt Ion: 117 Resp: 22

Ion Ratio Lower Upper

117 100

201 0.0 35.8 107.4#

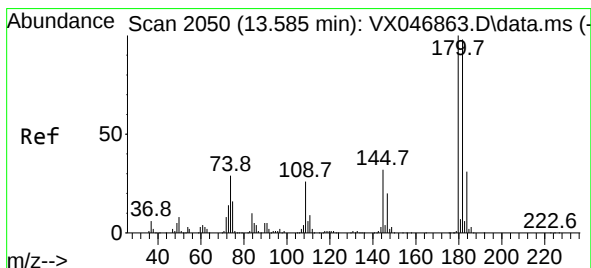
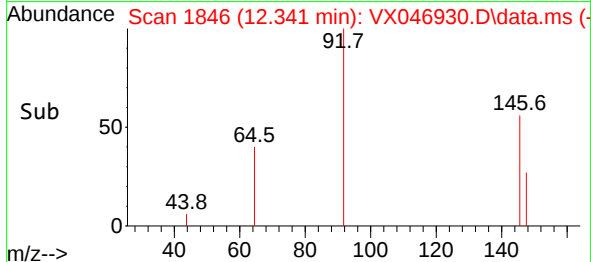
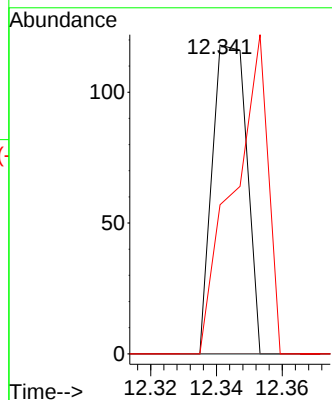
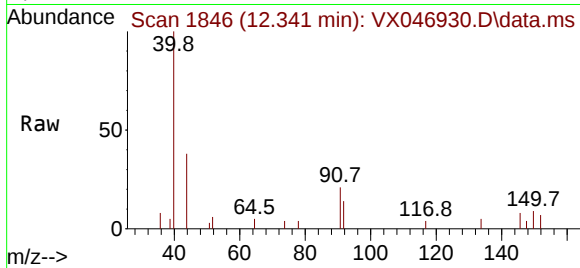




#91
1,2-Dichlorobenzene
Concen: 0.011 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.012 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

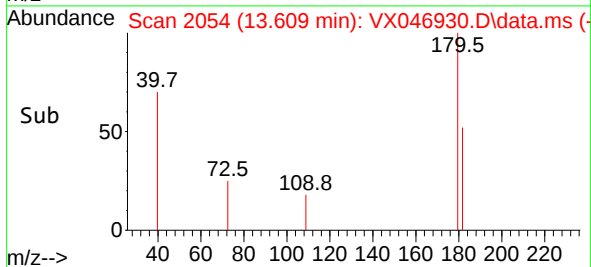
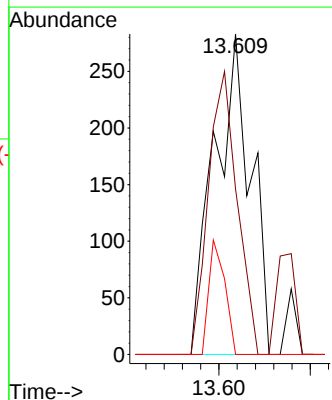
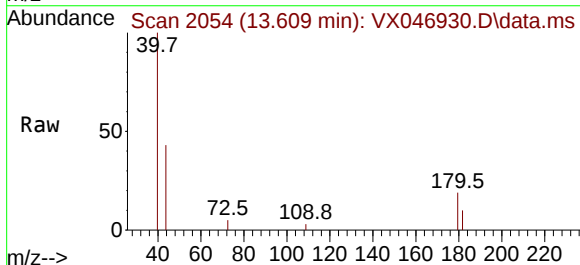
Instrument :
MSVOA_X
ClientSampleId :
IBLK

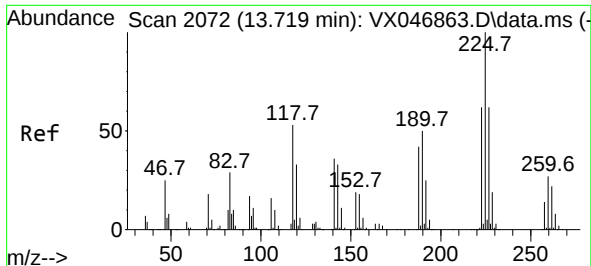
Tgt Ion:146 Resp: 86
Ion Ratio Lower Upper
146 100
111 0.0 21.1 63.1#
148 103.5 31.6 95.0#



#93
1,2,4-Trichlorobenzene
Concen: 0.071 ug/l
RT: 13.609 min Scan# 2054
Delta R.T. 0.024 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

Tgt Ion:180 Resp: 391
Ion Ratio Lower Upper
180 100
182 70.1 47.3 141.9
145 15.6 16.1 48.2#

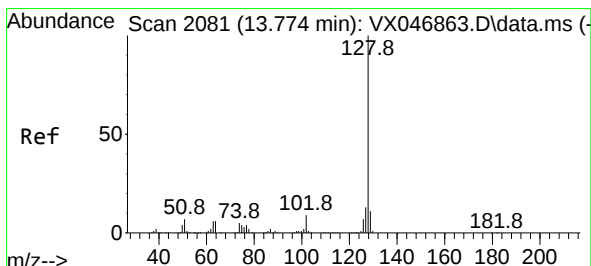
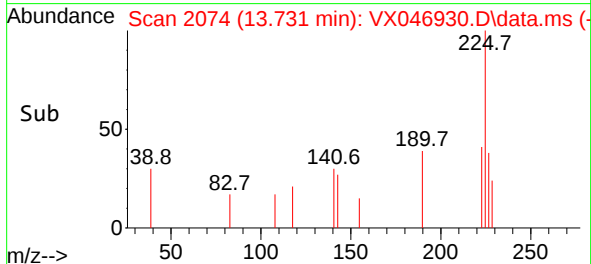
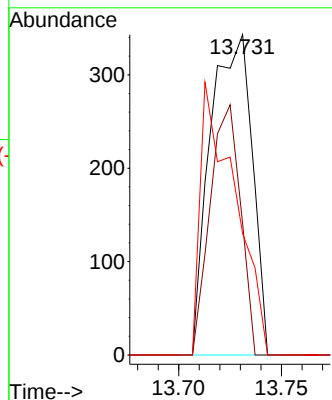
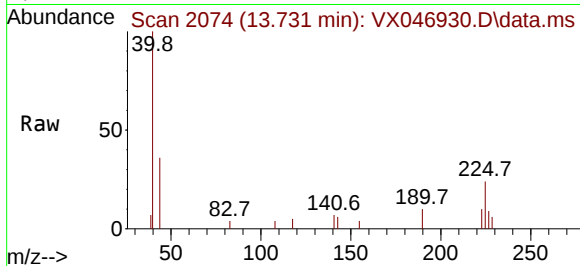




#94
Hexachlorobutadiene
Concen: 0.233 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.012 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

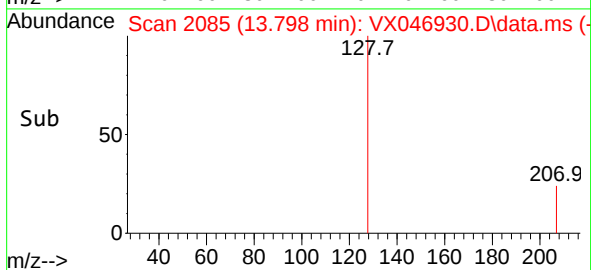
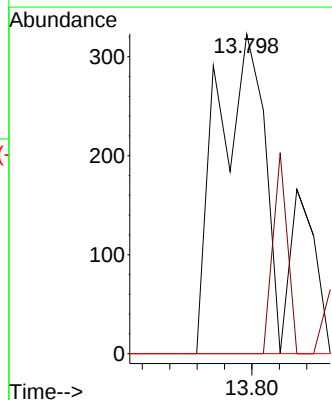
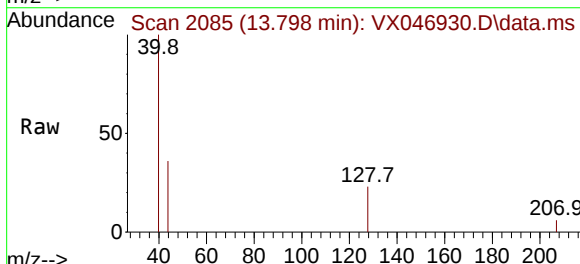
Instrument :
MSVOA_X
ClientSampleId :
IBLK

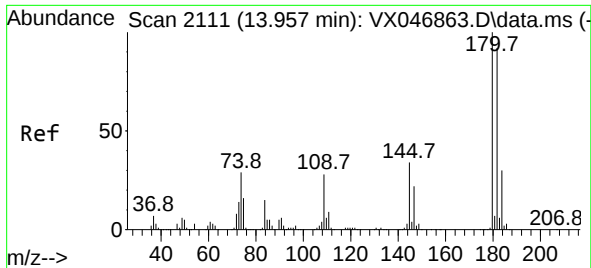
Tgt Ion:	225	Resp:	485
Ion	Ratio	Lower	Upper
225	100		
223	56.9	31.6	94.7
227	70.5	31.6	94.7



#95
Naphthalene
Concen: 0.026 ug/l
RT: 13.798 min Scan# 2085
Delta R.T. 0.024 min
Lab File: VX046930.D
Acq: 09 Jul 2025 14:27

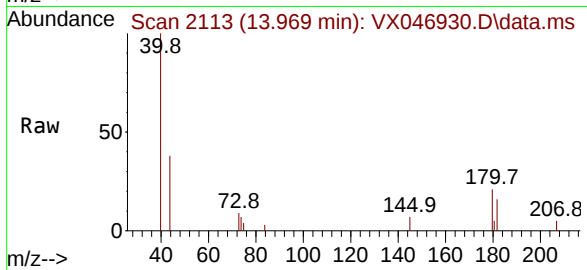
Tgt Ion:	128	Resp:	382
Ion	Ratio	Lower	Upper
128	100		
127	19.4	10.2	15.4#
129	0.0	8.6	13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.039 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.012 min
 Lab File: VX046930.D
 Acq: 09 Jul 2025 14:27

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 201
 Ion Ratio Lower Upper
 180 100
 182 162.7 46.7 140.1#
 145 74.1 16.8 50.3#

