

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070825\
 Data File : VX046909.D
 Acq On : 08 Jul 2025 10:04
 Operator : JC/MD
 Sample : VX0708WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBL01

Quant Time: Jul 09 05:08:01 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 09 05:05:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	449460	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	795079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	726520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	366897	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	309163	52.067	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.140%	
35) Dibromofluoromethane	5.397	113	258801	47.953	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.900%	
50) Toluene-d8	8.647	98	953074	50.052	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.100%	
62) 4-Bromofluorobenzene	11.079	95	365351	50.484	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.960%	

Target Compounds				Qvalue		
3) Chloromethane	1.307	50	340	0.072	ug/l #	43
5) Bromomethane	1.636	94	728	0.222	ug/l #	2
6) Chloroethane	1.685	64	553	0.164	ug/l #	42
8) Diethyl Ether	2.142	74	40	0.014	ug/l #	1
10) Methyl Iodide	2.483	142	1237	0.225	ug/l #	90
11) Tert butyl alcohol	3.026	59	19	0.049	ug/l #	72
12) 1,1-Dichloroethene	2.124	96	25	0.005	ug/l #	1
13) Acrolein	1.971	56	47	0.101	ug/l #	15
14) Allyl chloride	2.684	41	30	0.003	ug/l #	1
15) Acrylonitrile	3.099	53	30	0.013	ug/l #	1
16) Acetone	2.392	43	702	0.381	ug/l #	53
17) Carbon Disulfide	2.526	76	5305	0.415	ug/l	96
18) Methyl Acetate	2.709	43	300	0.062	ug/l #	53
20) Methylene Chloride	2.806	84	1029	0.189	ug/l #	84
21) trans-1,2-Dichloroethene	3.099	96	230	0.046	ug/l #	1
23) Vinyl Acetate	3.690	43	169	0.013	ug/l #	72
25) 2-Butanone	4.568	43	475	0.193	ug/l #	50
29) Tetrahydrofuran	5.032	42	19	0.012	ug/l #	34
30) Chloroform	5.111	83	101	0.010	ug/l #	18
31) Cyclohexane	5.556	56	9616	1.133	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	35506	4.876	ug/l #	50
37) Ethyl Acetate	4.733	43	180	0.029	ug/l #	70
38) Carbon Tetrachloride	5.556	117	46796	6.079	ug/l #	15
39) Methylcyclohexane	7.391	83	227	0.025	ug/l #	60
40) Benzene	6.056	78	76	0.003	ug/l #	1
41) Methacrylonitrile	4.788	41	20	0.006	ug/l #	22
42) 1,2-Dichloroethane	6.098	62	441	0.059	ug/l #	74
43) Isopropyl Acetate	6.257	43	297	0.031	ug/l #	61
44) Trichloroethene	7.159	130	25	0.004	ug/l	1
45) 1,2-Dichloropropane	7.275	63	29	0.005	ug/l #	44
51) 4-Methyl-2-Pentanone	8.574	43	162	0.029	ug/l #	37
52) Toluene	8.647	92	170	0.012	ug/l	80
53) t-1,3-Dichloropropene	8.708	75	35	0.005	ug/l #	43
55) 1,1,2-Trichloroethane	9.226	97	19	0.004	ug/l #	14
58) 2-Chloroethyl Vinyl ether	8.238	63	41	0.010	ug/l #	47
59) 2-Hexanone	9.427	43	230	0.062	ug/l #	24

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

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

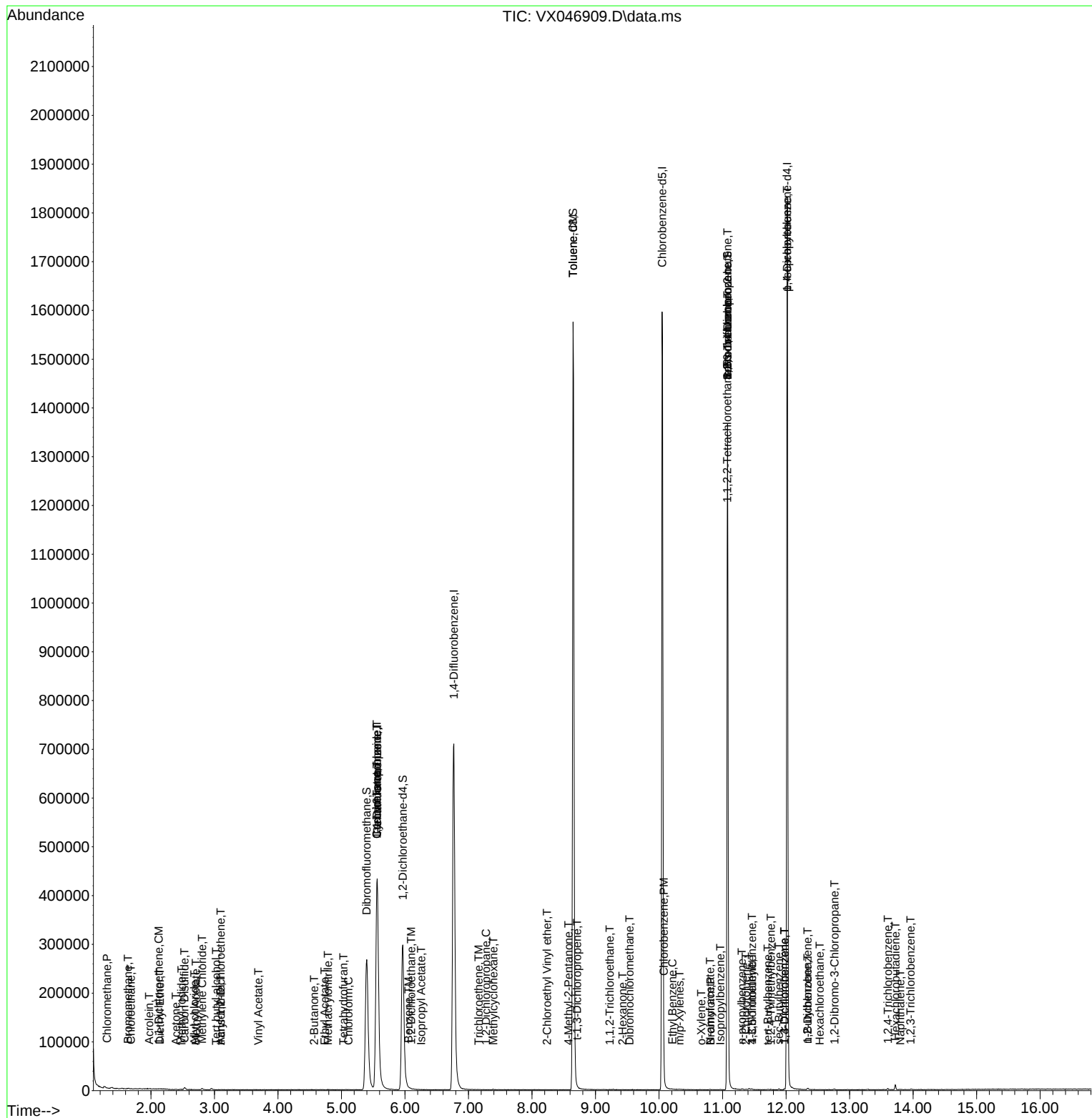
60) Dibromochloromethane	9.537	129	48	0.008	ug/l	77
65) Chlorobenzene	10.073	112	399	0.025	ug/l #	88
67) Ethyl Benzene	10.214	91	362	0.013	ug/l #	44
68) m/p-Xylenes	10.323	106	123	0.012	ug/l #	1
69) o-Xylene	10.665	106	41	0.004	ug/l #	1
71) Bromoform	10.811	173	279	0.071	ug/l #	29
73) Isopropylbenzene	10.963	105	430	0.017	ug/l #	72
74) N-amyl acetate	10.805	43	40	0.005	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	11.073	83	273	0.038	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	183782	32.418	ug/l #	37
77) Bromobenzene	11.079	156	34	0.005	ug/l #	1
78) n-propylbenzene	11.305	91	878	0.028	ug/l	98
79) 2-Chlorotoluene	11.366	91	683	0.037	ug/l #	41
80) 1,3,5-Trimethylbenzene	11.463	105	497	0.024	ug/l	91
81) trans-1,4-Dichloro-2-b...	11.079	75	183782	86.995	ug/l #	8
82) 4-Chlorotoluene	11.463	91	570	0.027	ug/l #	45
83) tert-Butylbenzene	11.713	119	489	0.023	ug/l #	85
84) 1,2,4-Trimethylbenzene	11.762	105	476	0.022	ug/l	86
85) sec-Butylbenzene	11.890	105	1079	0.040	ug/l	90
86) p-Isopropyltoluene	12.018	119	1486	0.065	ug/l #	33
87) 1,3-Dichlorobenzene	11.976	146	576	0.048	ug/l	82
88) 1,4-Dichlorobenzene	11.976	146	576	0.046	ug/l	81
89) n-Butylbenzene	12.341	91	1156	0.054	ug/l	75
90) Hexachloroethane	12.530	117	76	0.019	ug/l #	14
91) 1,2-Dichlorobenzene	12.341	146	348	0.030	ug/l #	73
92) 1,2-Dibromo-3-Chloropr...	12.762	75	39	0.031	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.603	180	770	0.097	ug/l	90
94) Hexachlorobutadiene	13.725	225	1425	0.478	ug/l	95
95) Naphthalene	13.798	128	1062	0.051	ug/l #	75
96) 1,2,3-Trichlorobenzene	13.963	180	534	0.071	ug/l	93

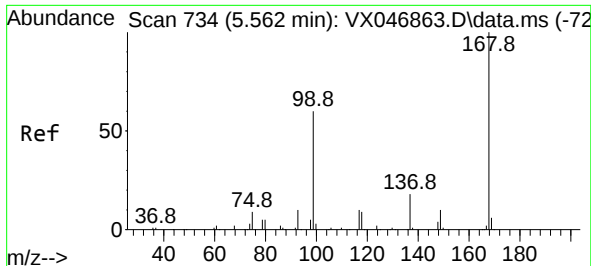
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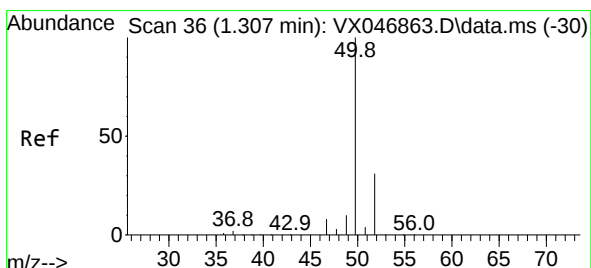
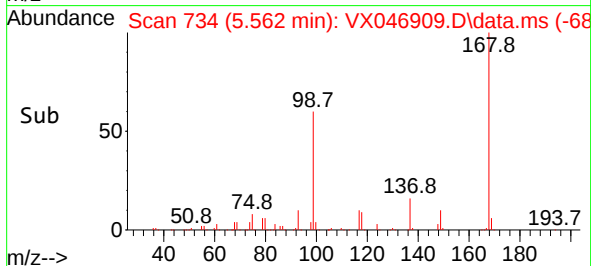
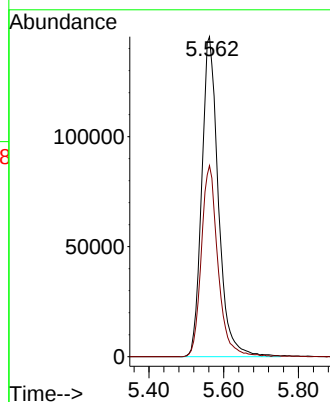
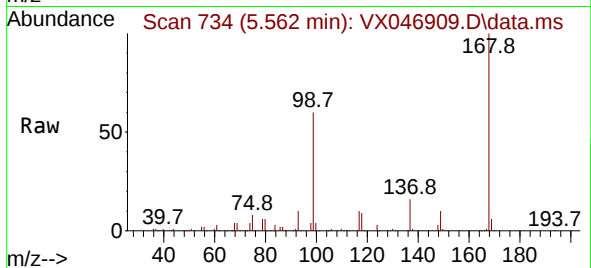




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
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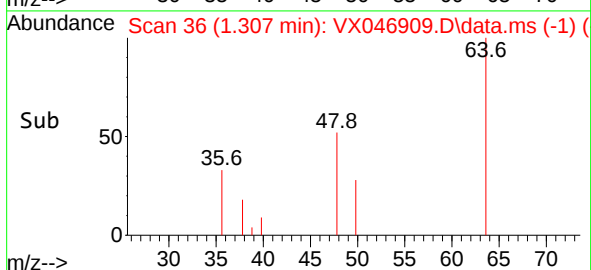
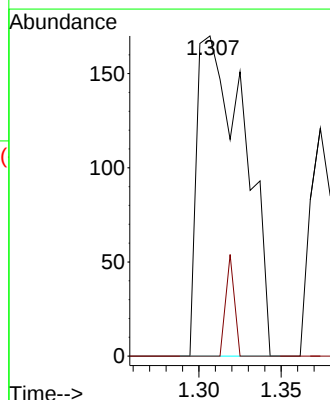
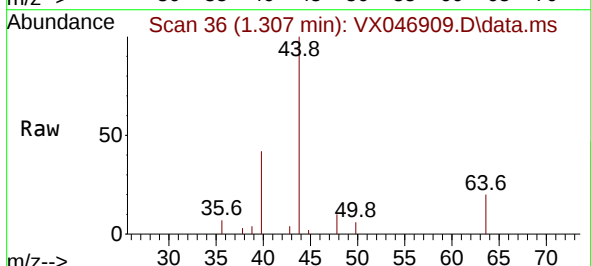
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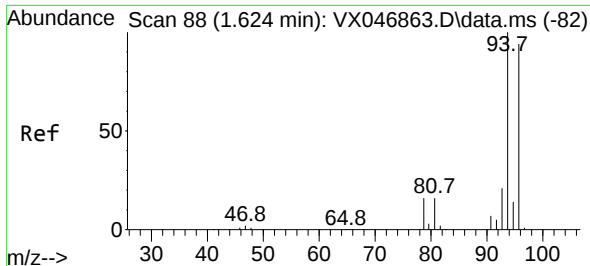
Tgt Ion:168 Resp: 449460
Ion Ratio Lower Upper
168 100
99 59.7 48.8 73.2



#3
Chloromethane
Concen: 0.072 ug/l
RT: 1.307 min Scan# 36
Delta R.T. -0.000 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 50 Resp: 340
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

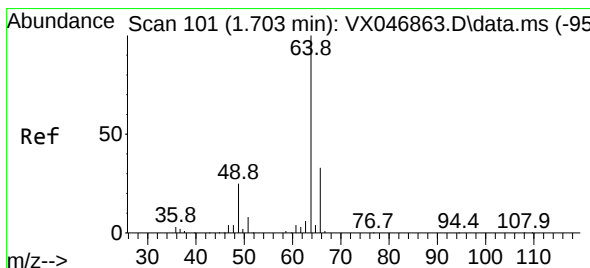
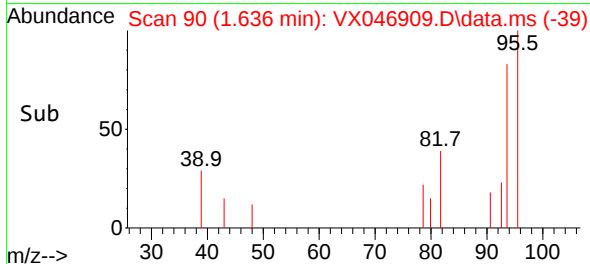
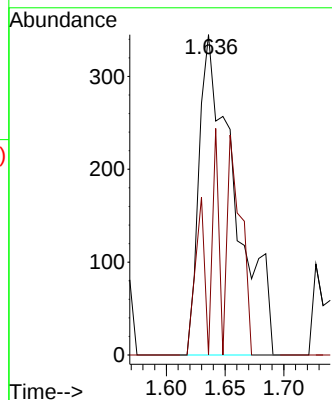
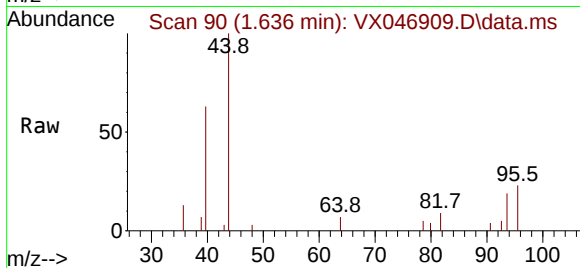




#5
Bromomethane
Concen: 0.222 ug/l
RT: 1.636 min Scan# 90
Delta R.T. 0.012 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

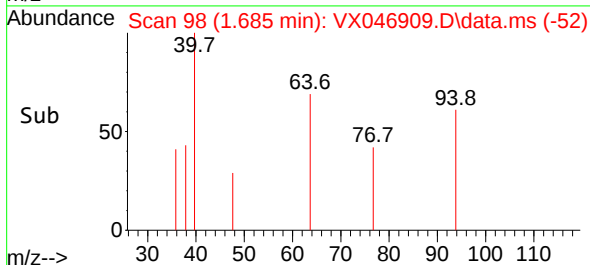
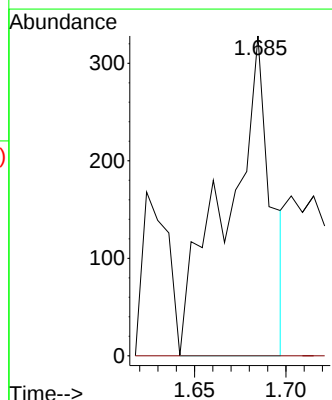
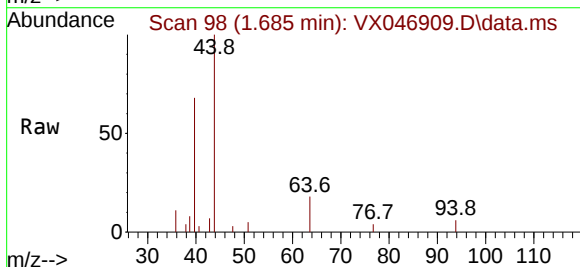
Instrument :
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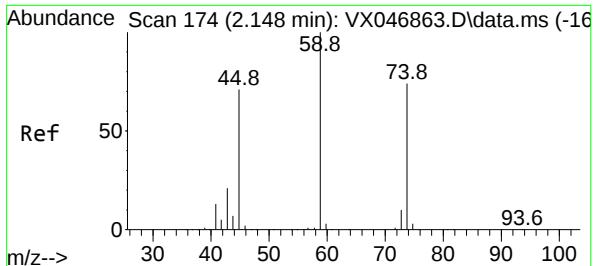
Tgt Ion: 94 Resp: 728
Ion Ratio Lower Upper
94 100
96 0.0 75.5 113.3#



#6
Chloroethane
Concen: 0.164 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.018 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 64 Resp: 553
Ion Ratio Lower Upper
64 100
66 0.0 26.4 39.6#

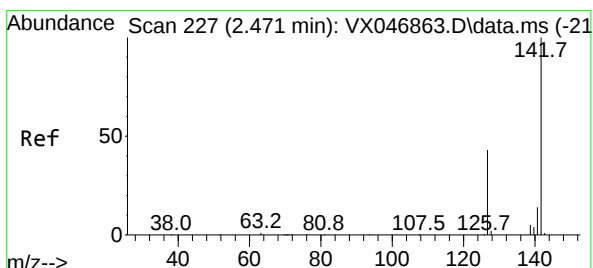
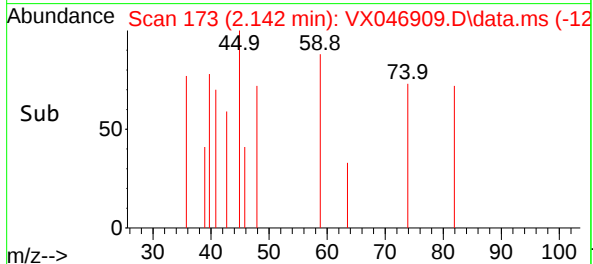
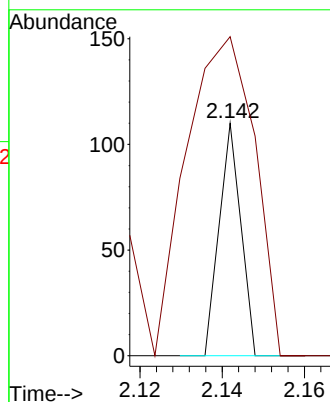
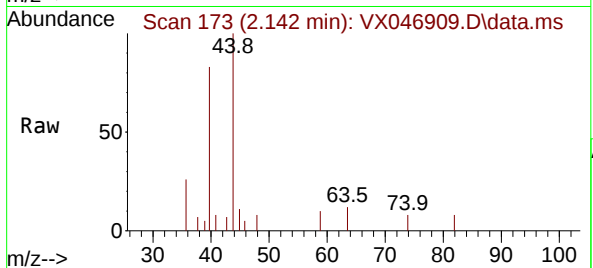




#8
Diethyl Ether
Concen: 0.014 ug/l
RT: 2.142 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

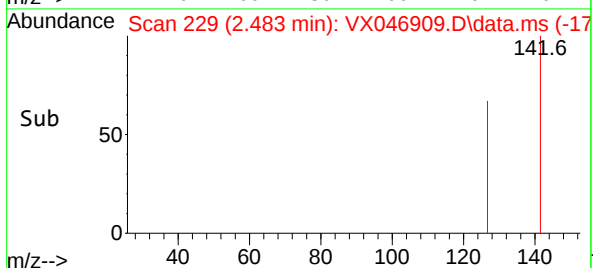
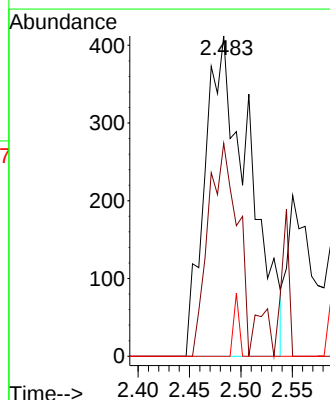
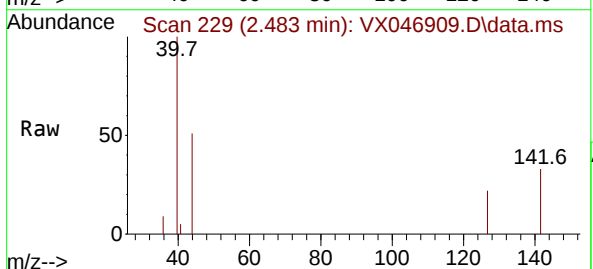
Instrument :
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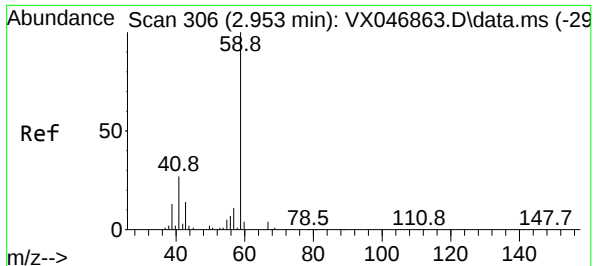
Tgt Ion: 74 Resp: 40
Ion Ratio Lower Upper
74 100
45 487.5 50.7 152.1#



#10
Methyl Iodide
Concen: 0.225 ug/l
RT: 2.483 min Scan# 229
Delta R.T. 0.012 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 142 Resp: 1237
Ion Ratio Lower Upper
142 100
127 46.4 34.9 52.3
141 2.4 11.1 16.7#

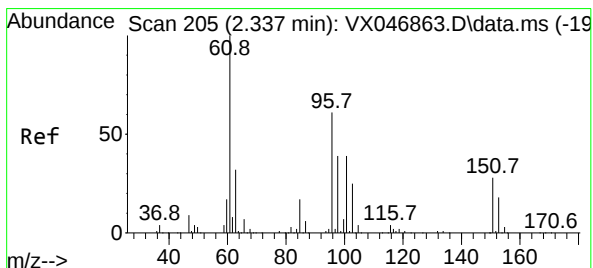
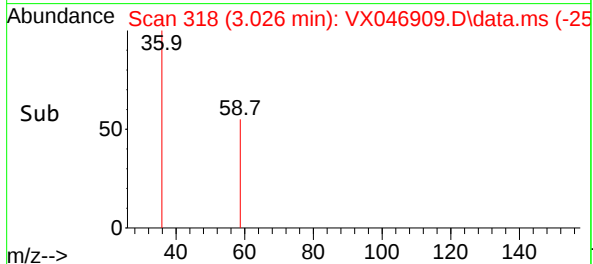
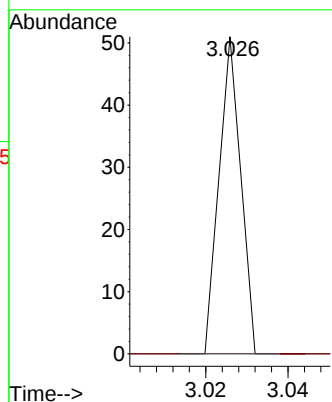
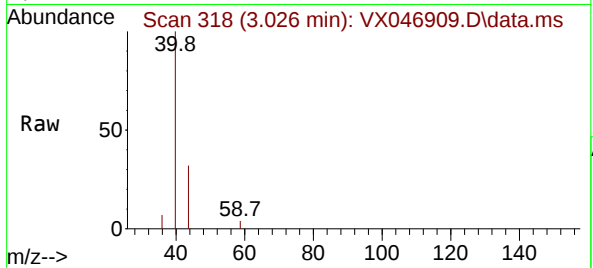




#11
Tert butyl alcohol
Concen: 0.049 ug/l
RT: 3.026 min Scan# 31
Delta R.T. 0.073 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

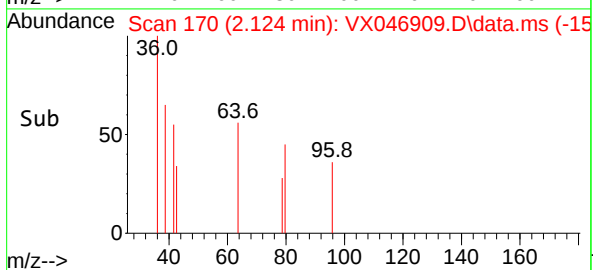
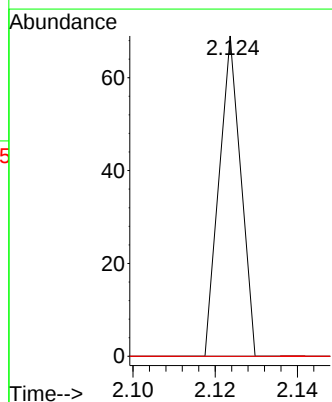
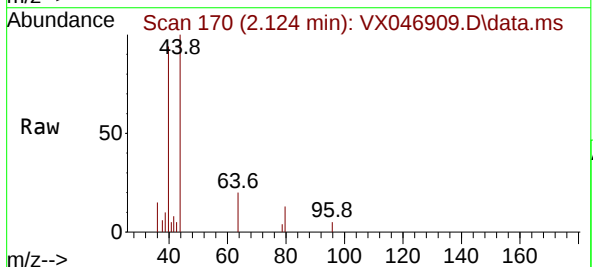
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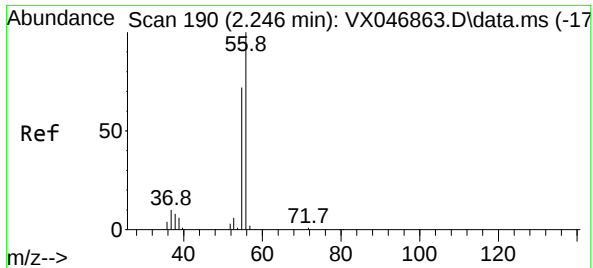
Tgt Ion: 59 Resp: 19
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#12
1,1-Dichloroethene
Concen: 0.005 ug/l
RT: 2.124 min Scan# 170
Delta R.T. -0.213 min
Lab File: VX046909.D
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Tgt Ion: 96 Resp: 25
Ion Ratio Lower Upper
96 100
61 0.0 130.2 195.4#
98 0.0 51.3 76.9#

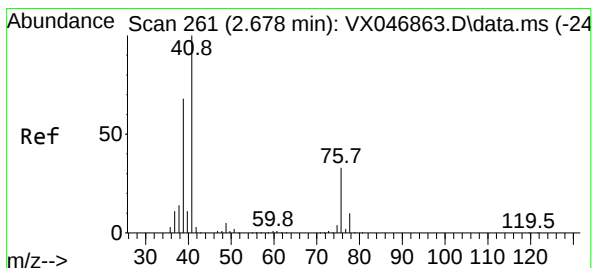
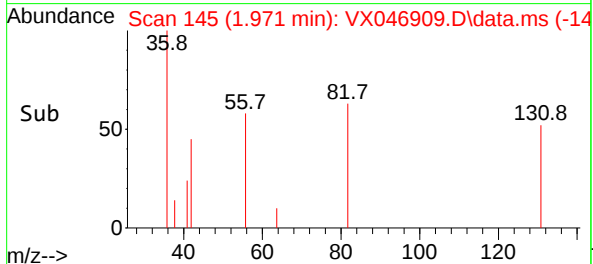
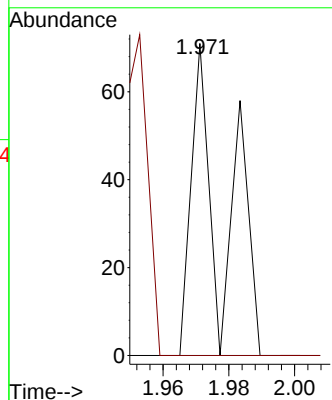
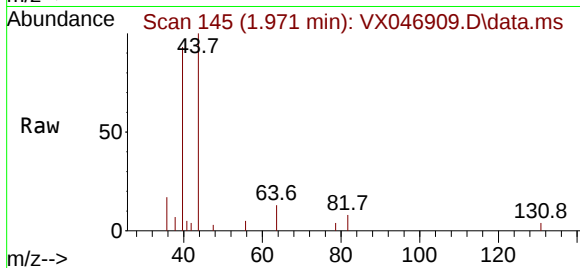




#13
Acrolein
Concen: 0.101 ug/l
RT: 1.971 min Scan# 14
Delta R.T. -0.275 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

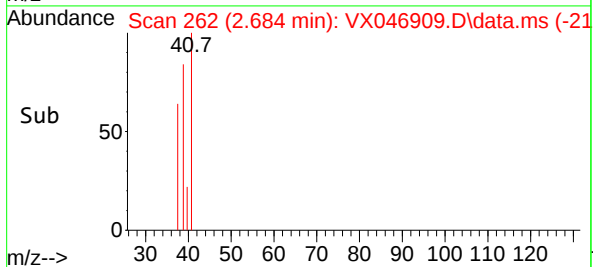
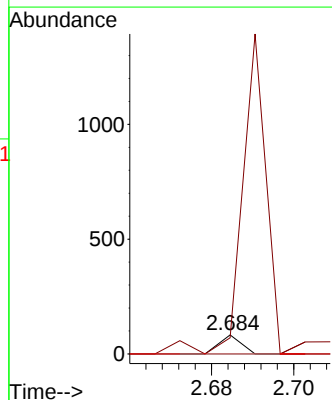
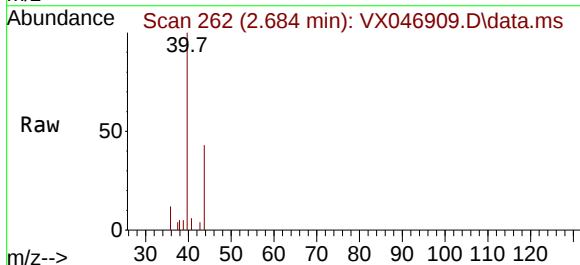
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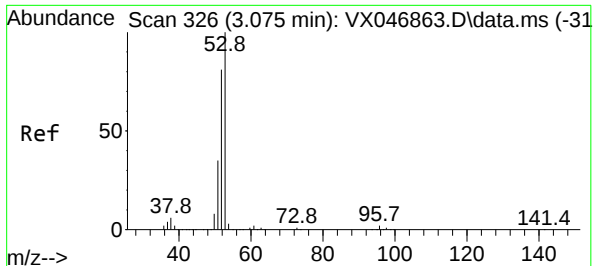
Tgt Ion: 56 Resp: 47
Ion Ratio Lower Upper
56 100
55 0.0 55.5 83.3#



#14
Allyl chloride
Concen: 0.003 ug/l
RT: 2.684 min Scan# 262
Delta R.T. 0.006 min
Lab File: VX046909.D
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Tgt Ion: 41 Resp: 30
Ion Ratio Lower Upper
41 100
39 1920.0 52.0 78.0#
76 0.0 26.2 39.2#

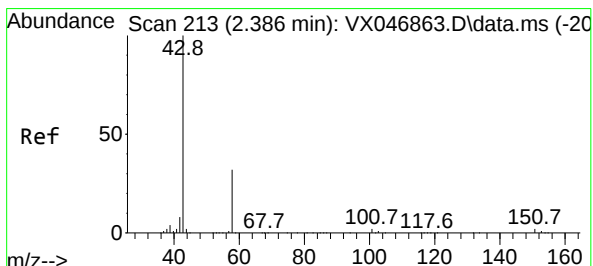
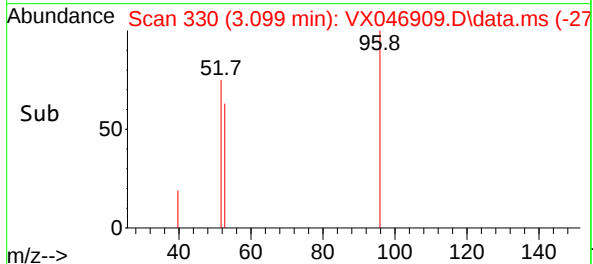
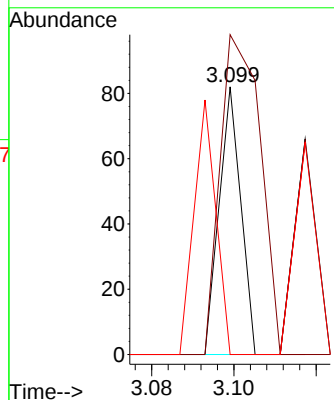
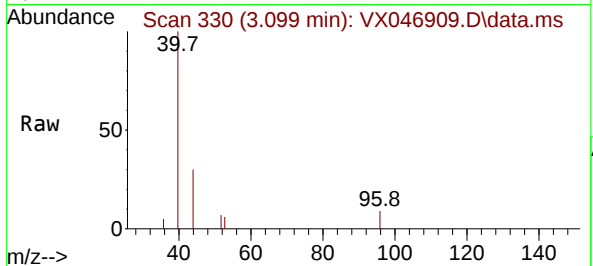




#15
Acrylonitrile
Concen: 0.013 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.024 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

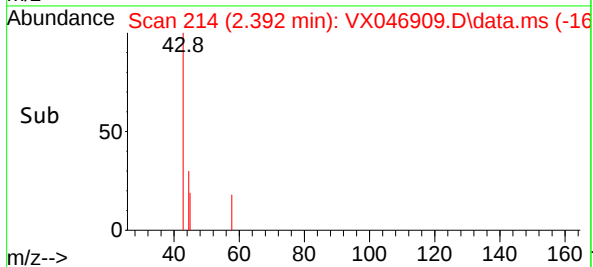
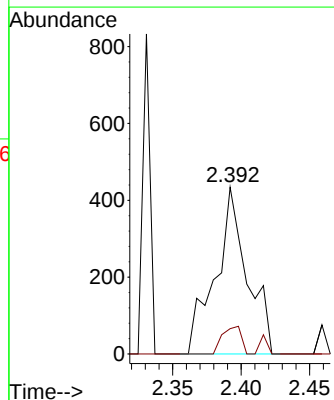
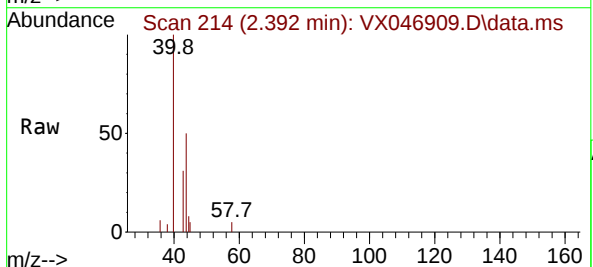
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

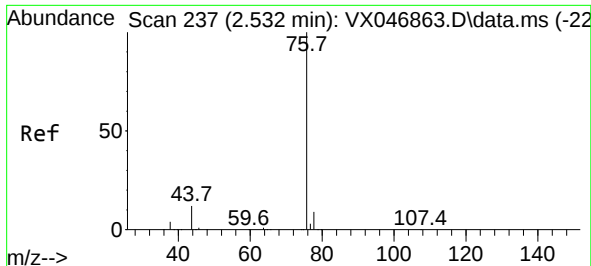
Tgt Ion: 53 Resp: 30
Ion Ratio Lower Upper
53 100
52 223.3 66.0 99.0#
51 96.7 28.6 43.0#



#16
Acetone
Concen: 0.381 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 43 Resp: 702
Ion Ratio Lower Upper
43 100
58 5.8 25.8 38.6#





#17

Carbon Disulfide

Concen: 0.415 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX046909.D

Acq: 08 Jul 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

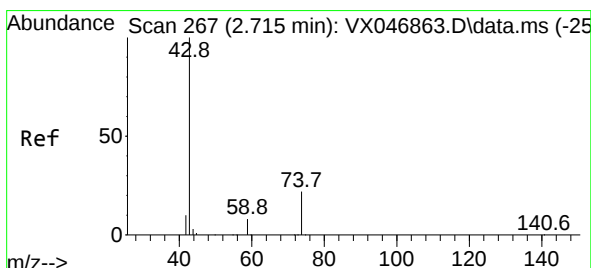
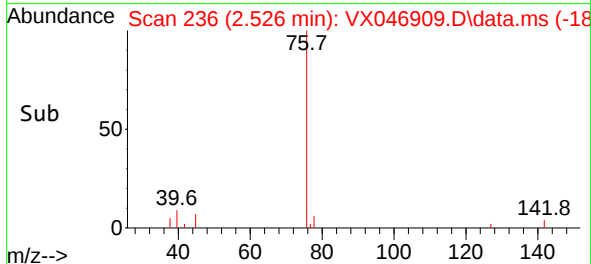
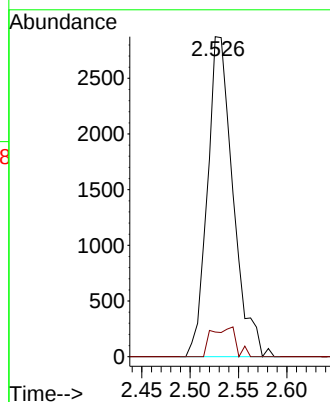
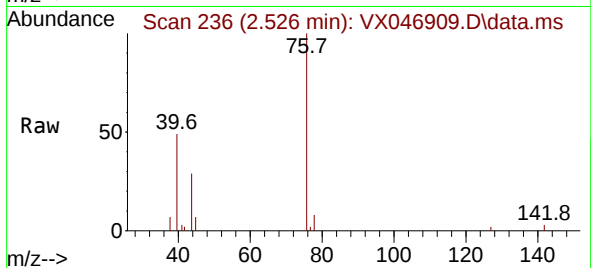
VX0708WBL01

Tgt Ion: 76 Resp: 5305

Ion Ratio Lower Upper

76 100

78 7.7 7.4 11.2



#18

Methyl Acetate

Concen: 0.062 ug/l

RT: 2.709 min Scan# 266

Delta R.T. -0.006 min

Lab File: VX046909.D

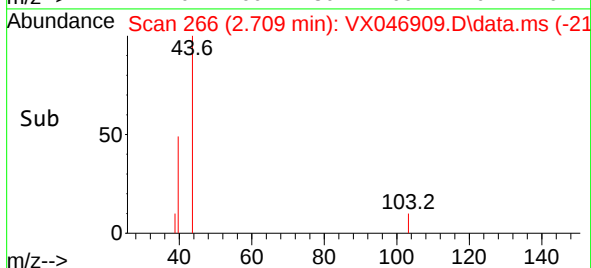
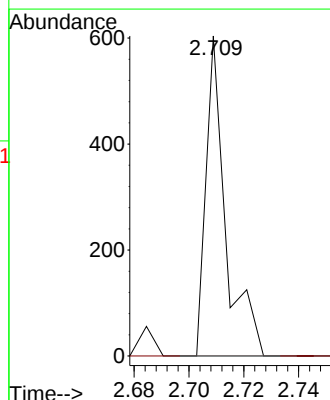
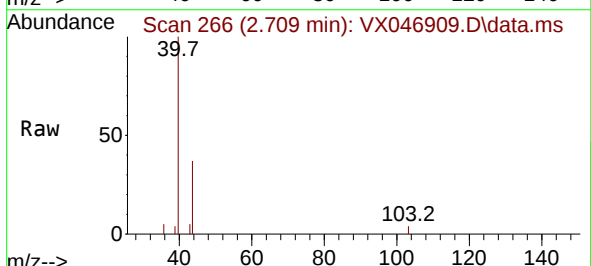
Acq: 08 Jul 2025 10:04

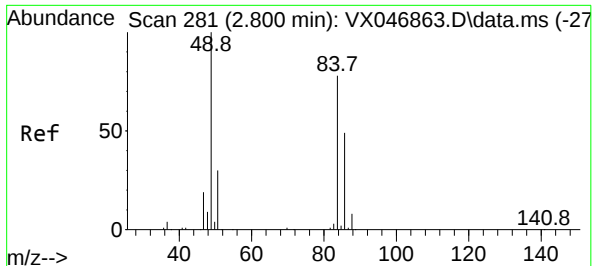
Tgt Ion: 43 Resp: 300

Ion Ratio Lower Upper

43 100

74 0.0 18.3 27.5#

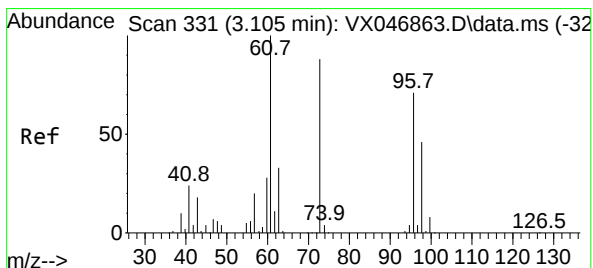
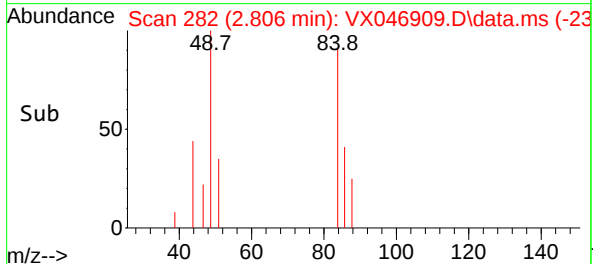
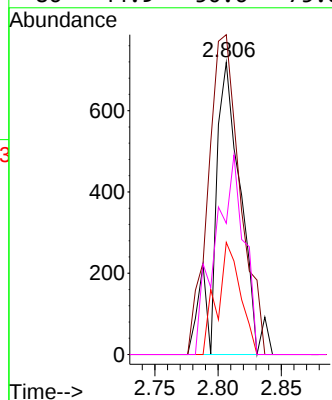
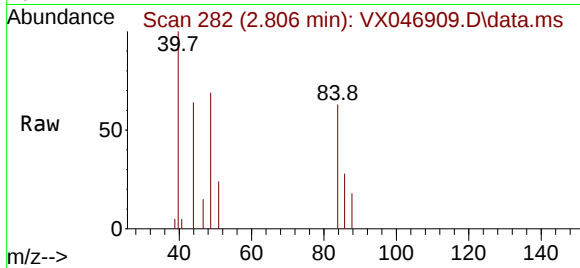




#20
Methylene Chloride
Concen: 0.189 ug/l
RT: 2.806 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

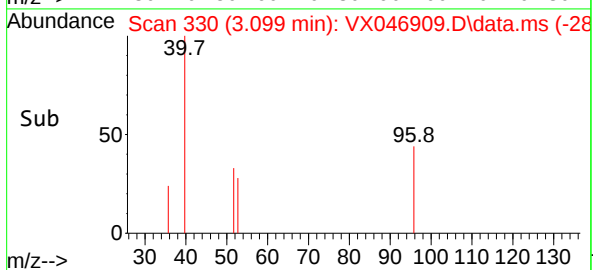
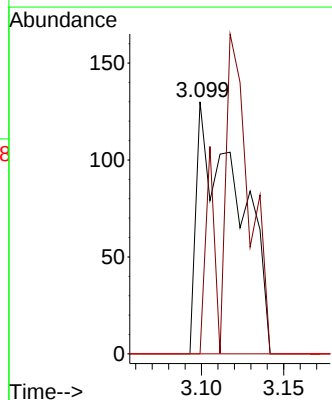
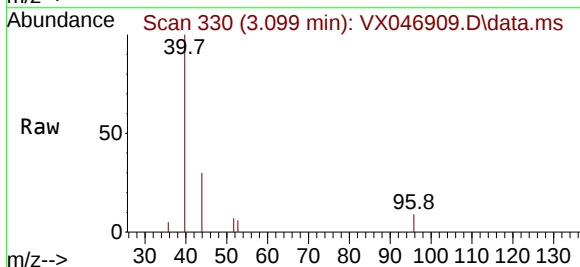
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

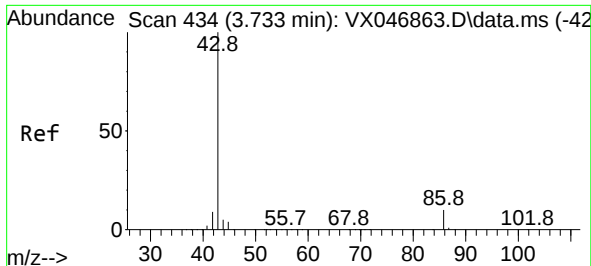
Tgt Ion: 84 Resp: 1029
Ion Ratio Lower Upper
84 100
49 109.5 102.8 154.2
51 38.4 31.1 46.7
86 44.9 50.6 75.8#



#21
trans-1,2-Dichloroethene
Concen: 0.046 ug/l
RT: 3.099 min Scan# 330
Delta R.T. -0.006 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 96 Resp: 230
Ion Ratio Lower Upper
96 100
61 0.0 113.4 170.2#
98 0.0 51.8 77.6#

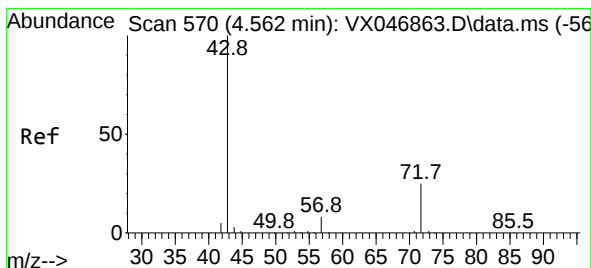
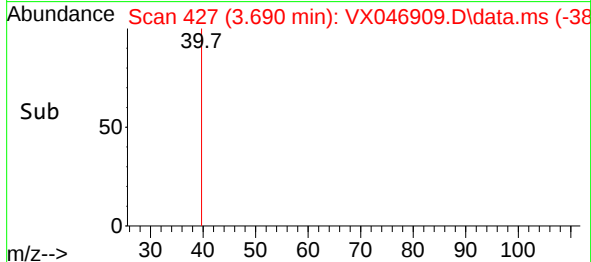
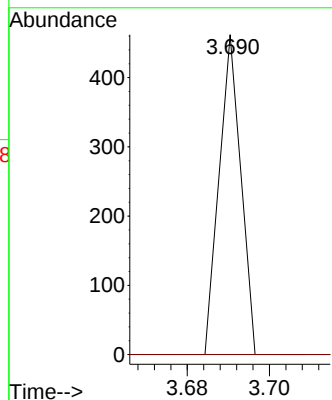
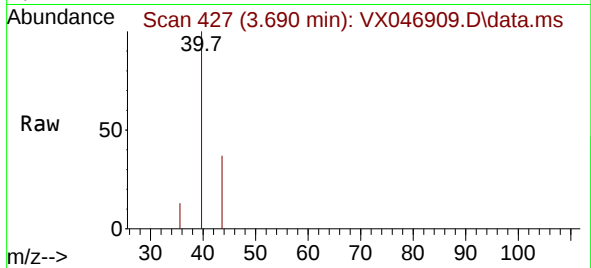




#23
Vinyl Acetate
Concen: 0.013 ug/l
RT: 3.690 min Scan# 41
Delta R.T. -0.043 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

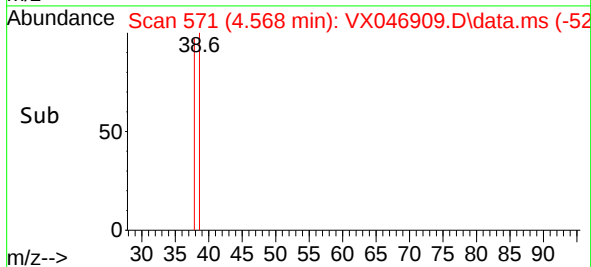
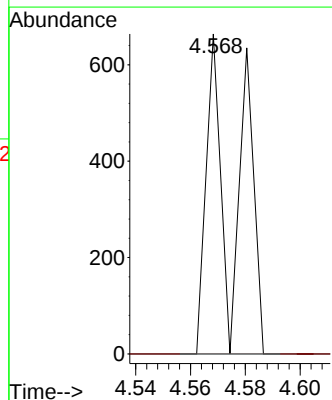
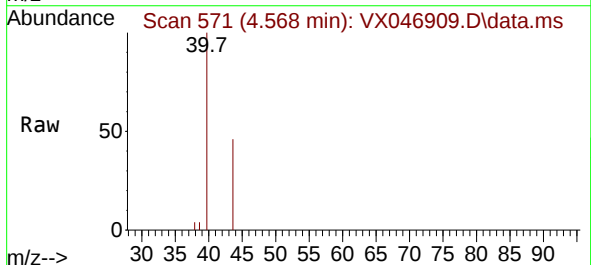
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

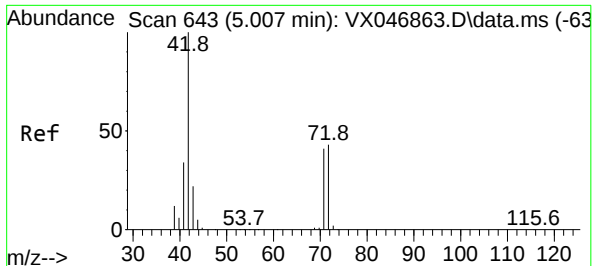
Tgt Ion: 43 Resp: 169
Ion Ratio Lower Upper
43 100
86 0.0 8.2 12.4#



#25
2-Butanone
Concen: 0.193 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 43 Resp: 475
Ion Ratio Lower Upper
43 100
72 0.0 20.0 30.0#





#29

Tetrahydrofuran

Concen: 0.012 ug/l

RT: 5.032 min Scan# 64

Delta R.T. 0.024 min

Lab File: VX046909.D

Acq: 08 Jul 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBL01

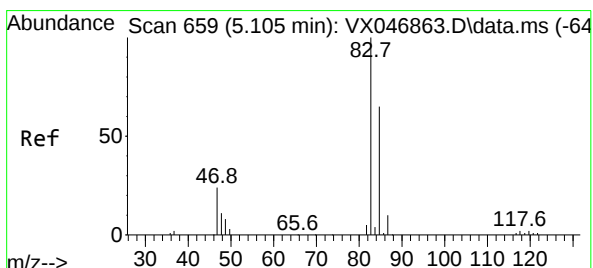
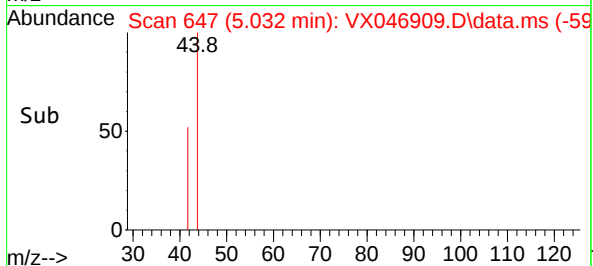
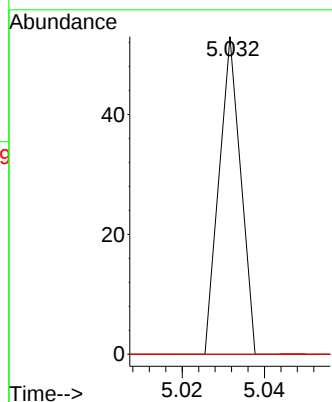
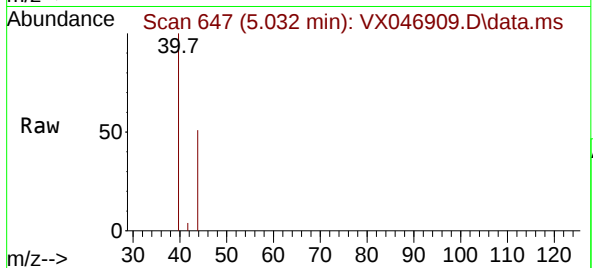
Tgt Ion: 42 Resp: 19

Ion Ratio Lower Upper

42 100

72 0.0 35.1 52.7#

71 0.0 31.9 47.9#



#30

Chloroform

Concen: 0.010 ug/l

RT: 5.111 min Scan# 660

Delta R.T. 0.006 min

Lab File: VX046909.D

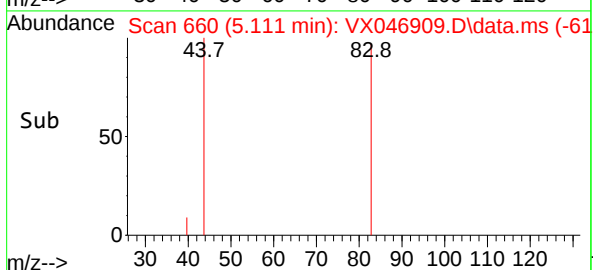
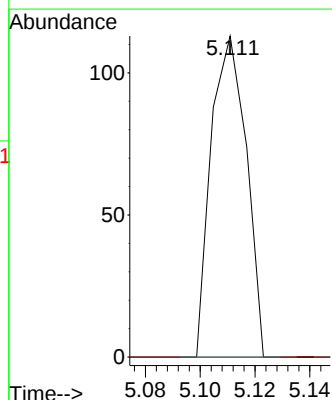
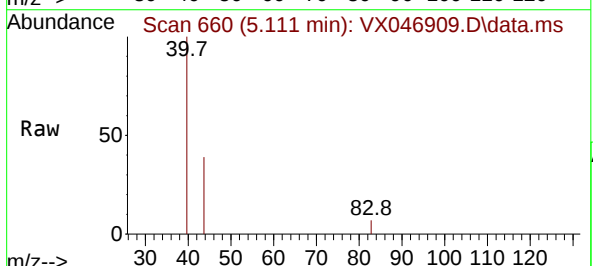
Acq: 08 Jul 2025 10:04

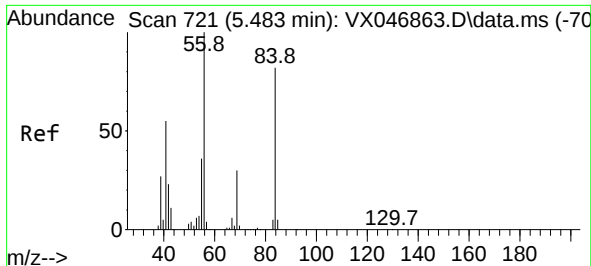
Tgt Ion: 83 Resp: 101

Ion Ratio Lower Upper

83 100

85 0.0 51.8 77.8#

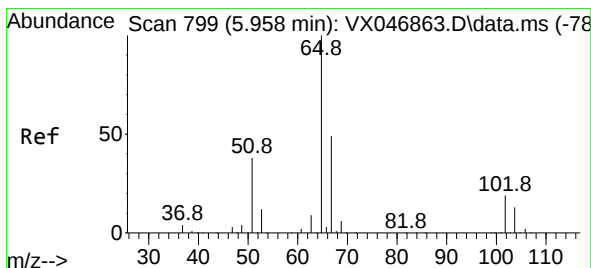
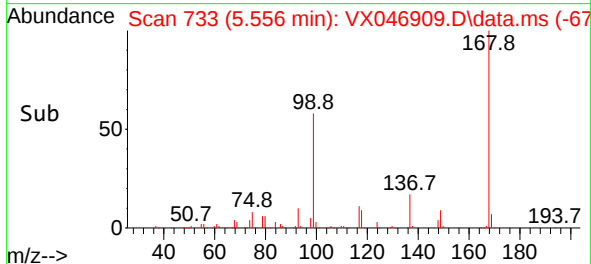
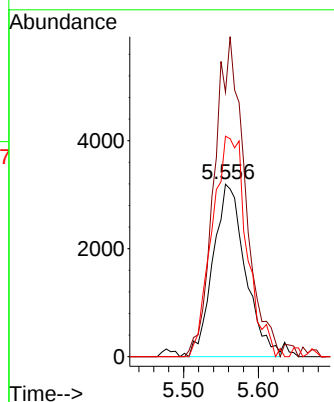
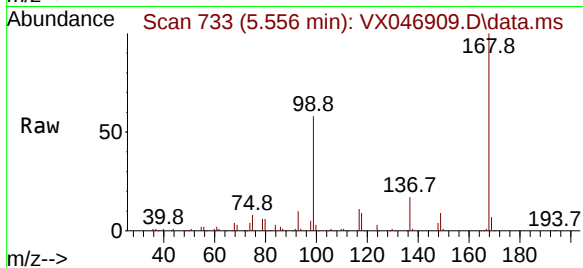




#31
Cyclohexane
Concen: 1.133 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

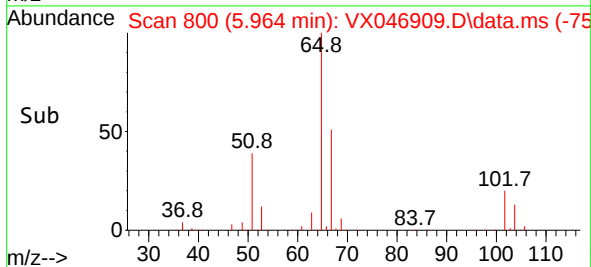
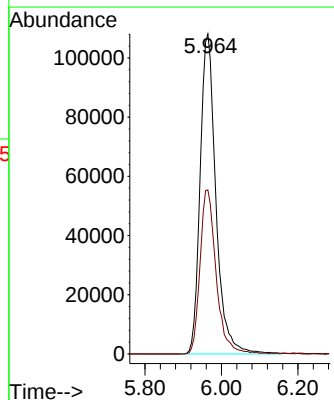
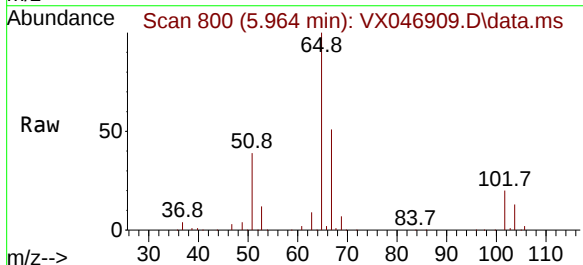
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

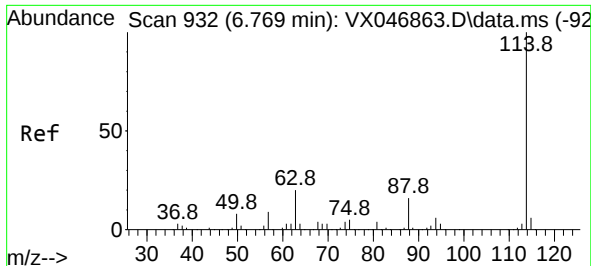
Tgt Ion: 56 Resp: 9616
Ion Ratio Lower Upper
56 100
69 153.3 24.0 36.0#
84 127.8 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 52.067 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 65 Resp: 309163
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.2

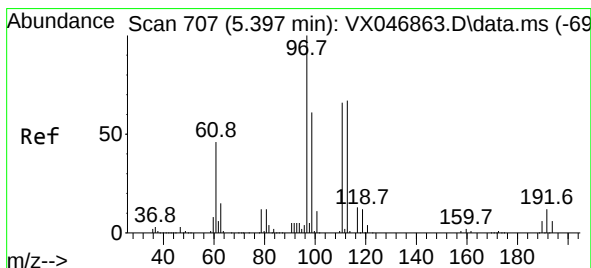
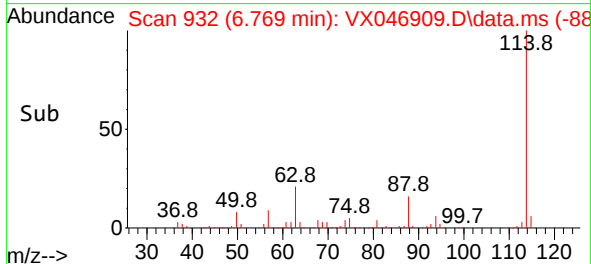
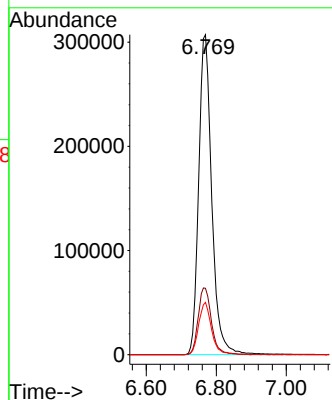
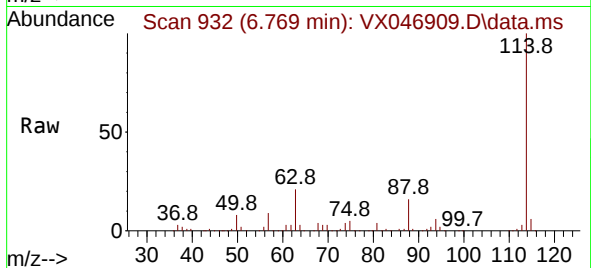




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX046909.D
 Acq: 08 Jul 2025 10:04

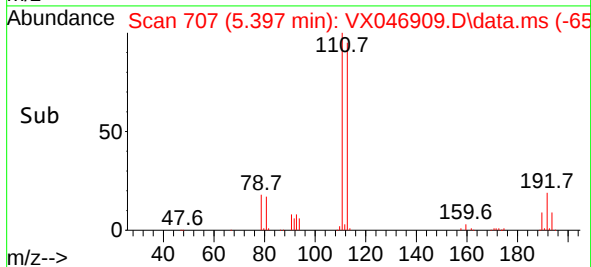
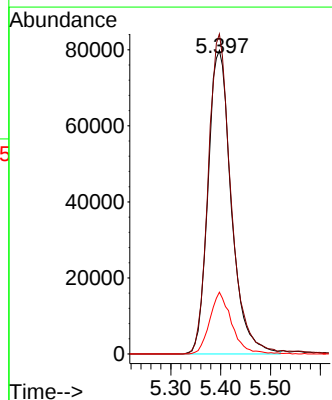
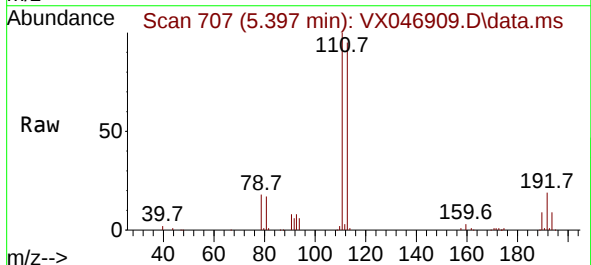
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBL01

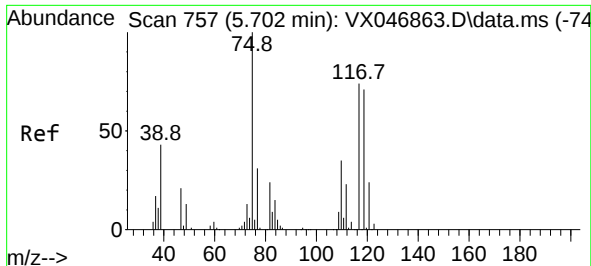
Tgt Ion:114 Resp: 795079
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 40.4
 88 16.3 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 47.953 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VX046909.D
 Acq: 08 Jul 2025 10:04

Tgt Ion:113 Resp: 258801
 Ion Ratio Lower Upper
 113 100
 111 103.5 81.2 121.8
 192 19.3 15.3 22.9

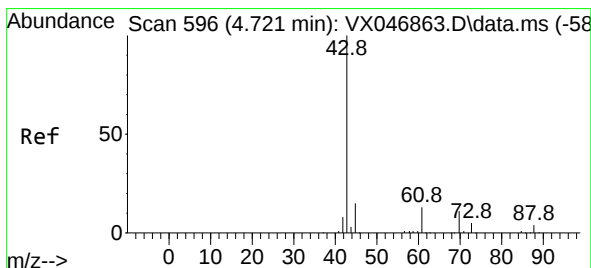
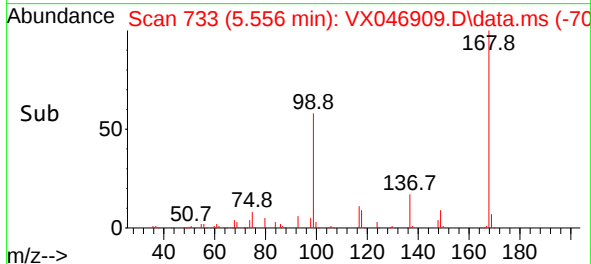
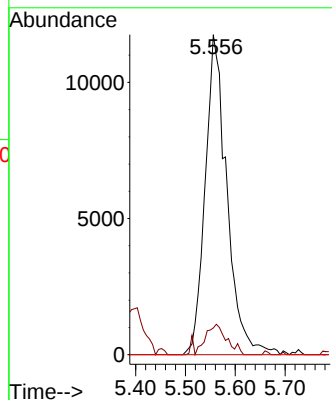
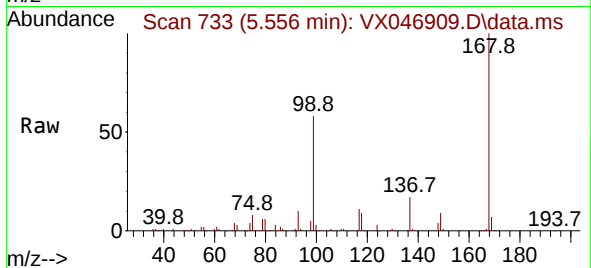




#36
1,1-Dichloropropene
Concen: 4.876 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

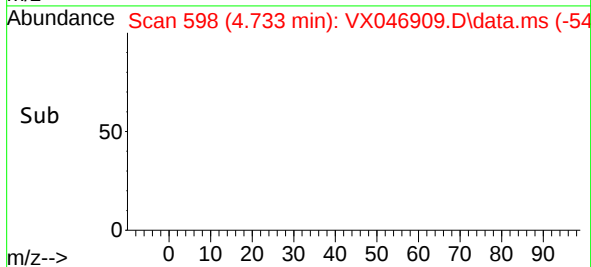
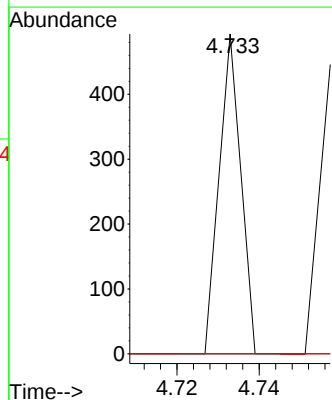
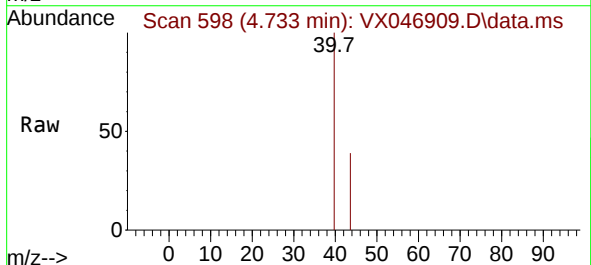
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

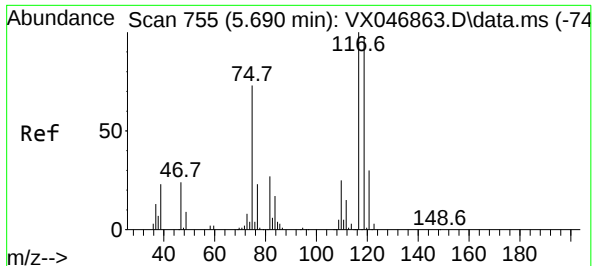
Tgt Ion: 75 Resp: 35506
Ion Ratio Lower Upper
75 100
110 8.9 17.3 51.9#
77 0.0 24.2 36.4#



#37
Ethyl Acetate
Concen: 0.029 ug/l
RT: 4.733 min Scan# 598
Delta R.T. 0.012 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 43 Resp: 180
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 8.3 12.5#

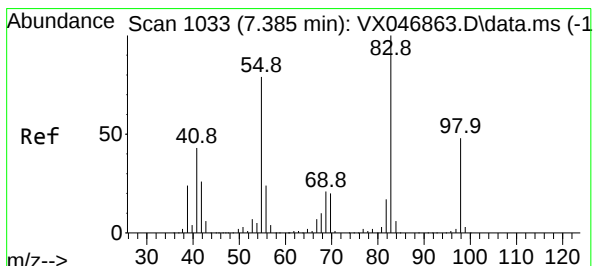
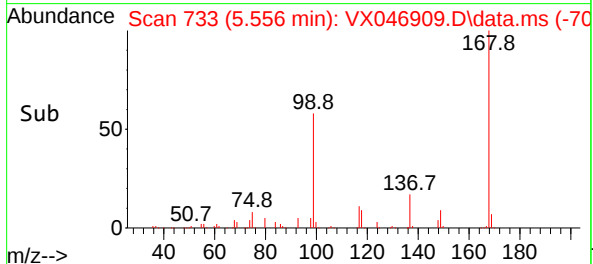
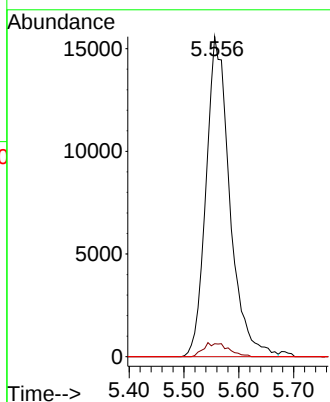
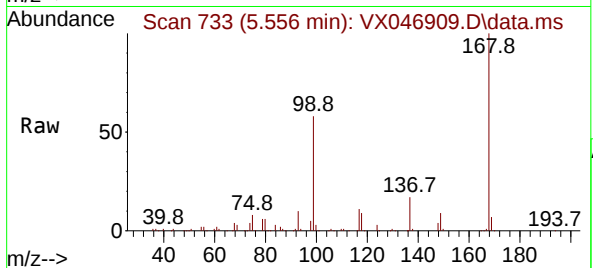




#38
Carbon Tetrachloride
Concen: 6.079 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

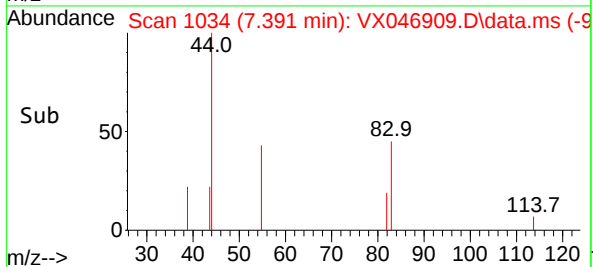
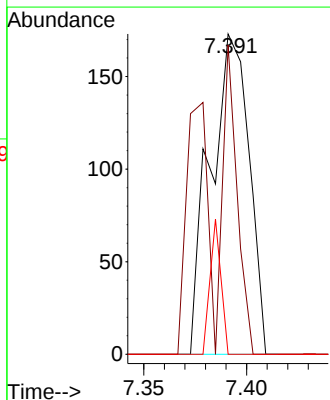
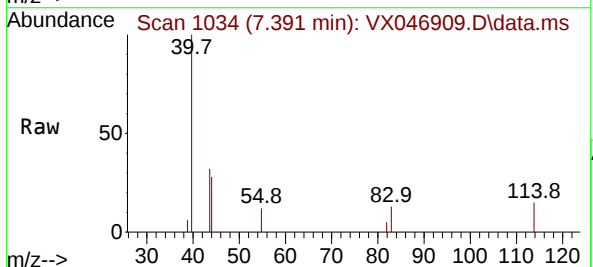
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

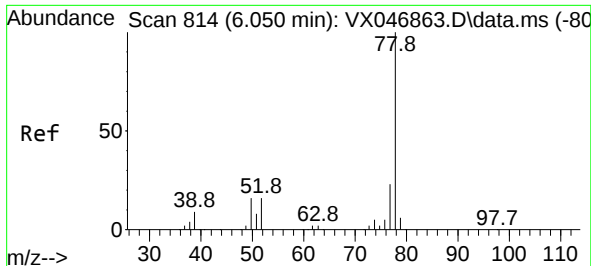
Tgt Ion:117 Resp: 46796
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 24.1 36.1#



#39
Methylcyclohexane
Concen: 0.025 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 83 Resp: 227
Ion Ratio Lower Upper
83 100
55 96.5 63.0 94.4#
98 0.0 38.5 57.7#

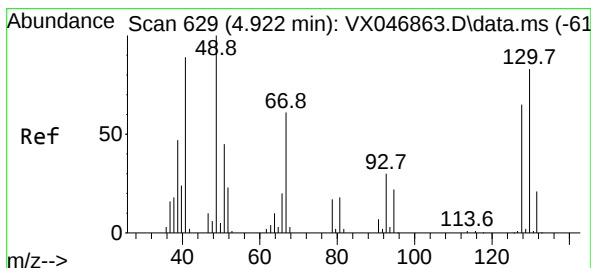
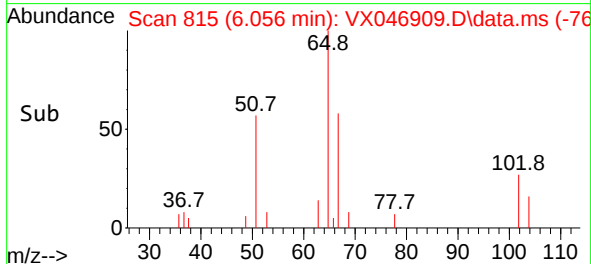
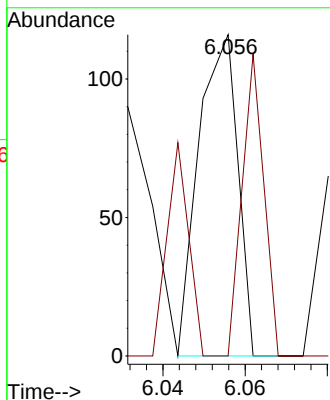
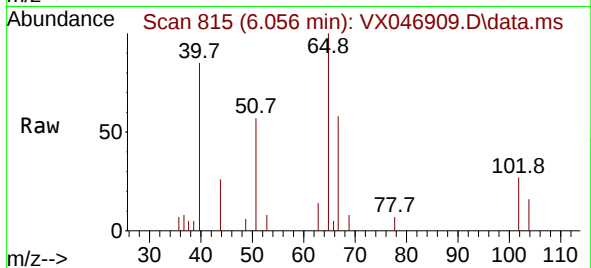




#40
Benzene
Concen: 0.003 ug/l
RT: 6.056 min Scan# 814
Delta R.T. 0.006 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

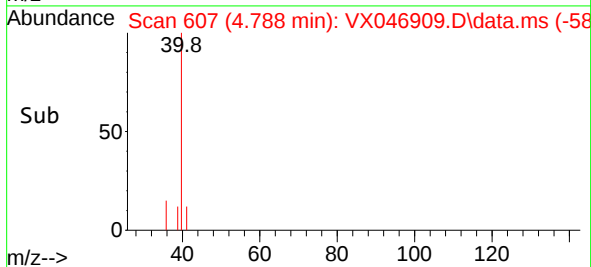
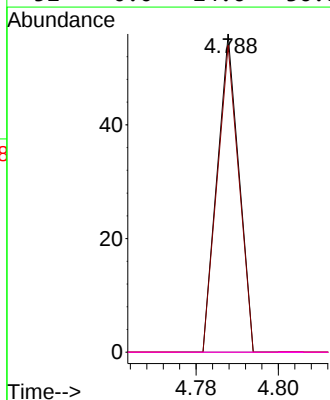
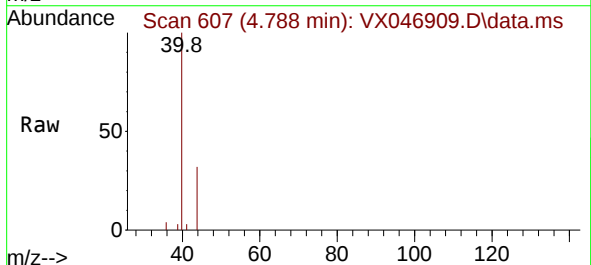
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

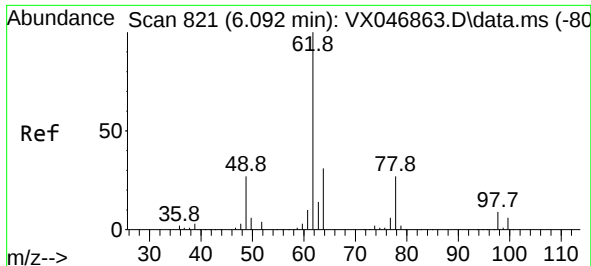
Tgt Ion: 78 Resp: 76
Ion Ratio Lower Upper
78 100
77 100.0 18.7 28.1#



#41
Methacrylonitrile
Concen: 0.006 ug/l
RT: 4.788 min Scan# 607
Delta R.T. -0.134 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

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: 0.059 ug/l

RT: 6.098 min Scan# 81

Delta R.T. 0.006 min

Lab File: VX046909.D

Acq: 08 Jul 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

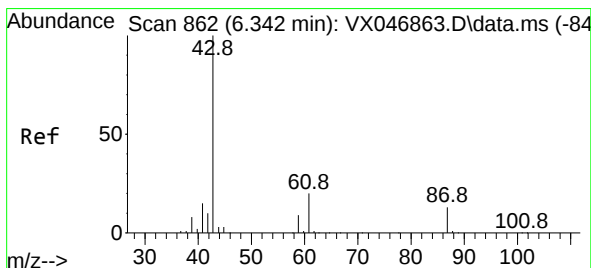
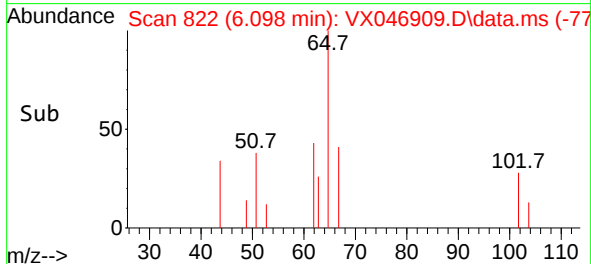
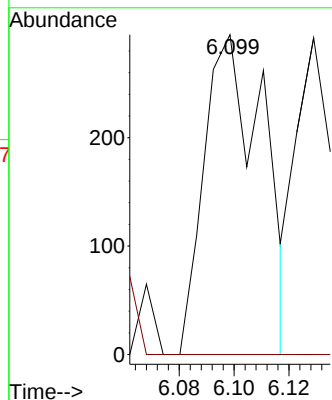
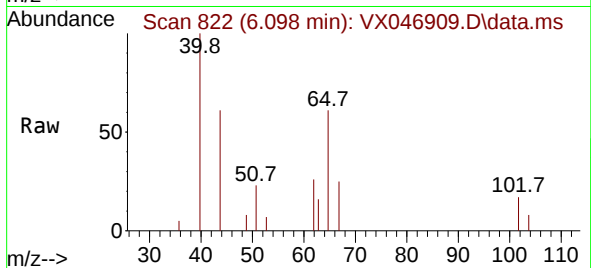
VX0708WBL01

Tgt Ion: 62 Resp: 441

Ion Ratio Lower Upper

62 100

98 0.0 0.0 19.4



#43

Isopropyl Acetate

Concen: 0.031 ug/l

RT: 6.257 min Scan# 848

Delta R.T. -0.085 min

Lab File: VX046909.D

Acq: 08 Jul 2025 10:04

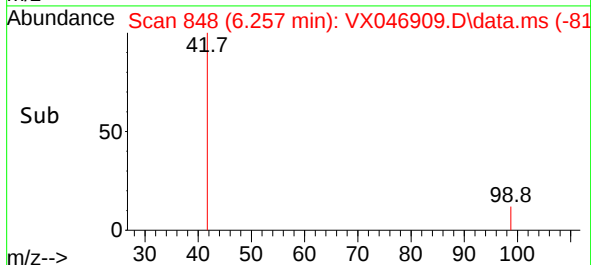
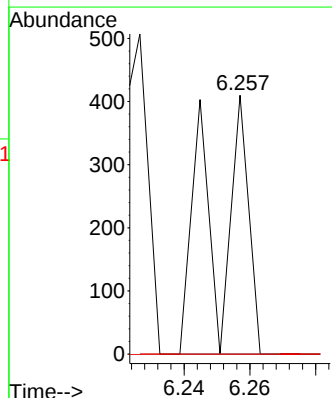
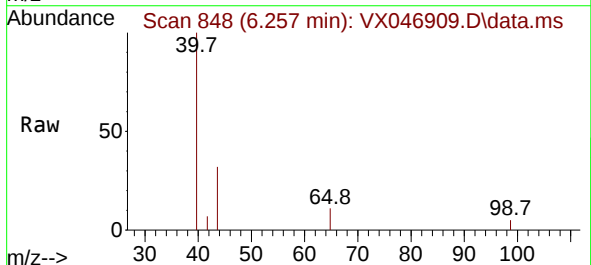
Tgt Ion: 43 Resp: 297

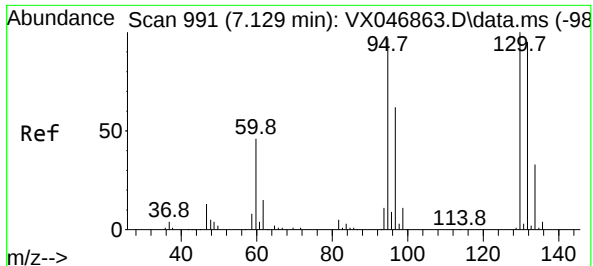
Ion Ratio Lower Upper

43 100

61 0.0 15.7 23.5#

87 0.0 10.1 15.1#

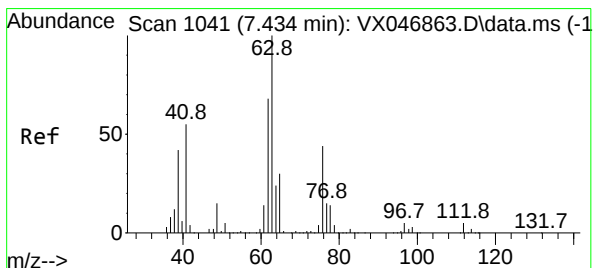
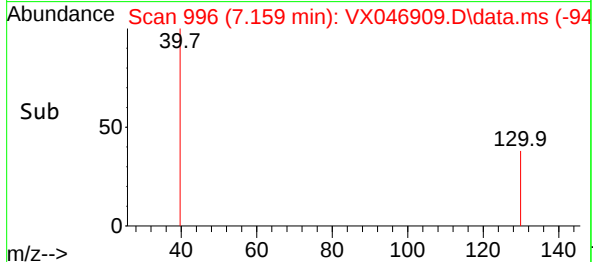
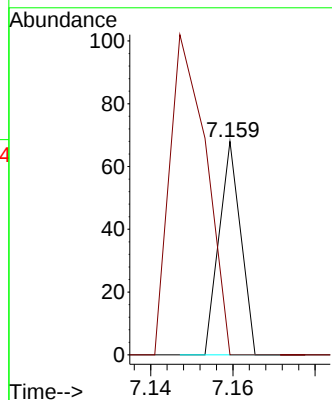
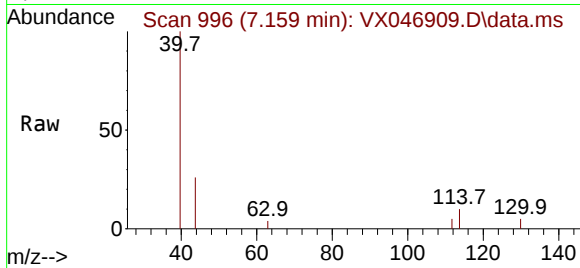




#44
Trichloroethene
Concen: 0.004 ug/l
RT: 7.159 min Scan# 991
Delta R.T. 0.030 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

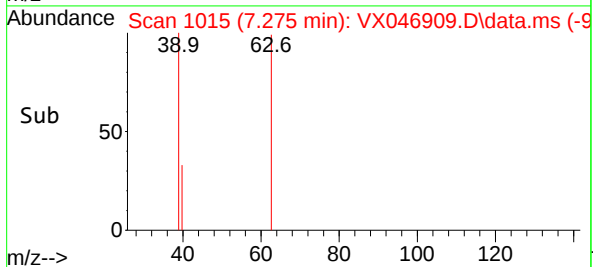
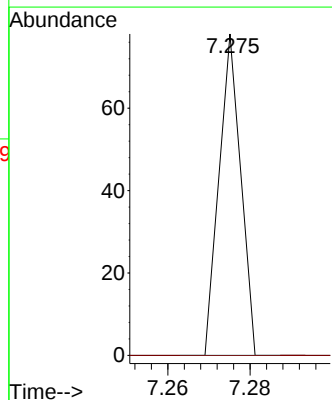
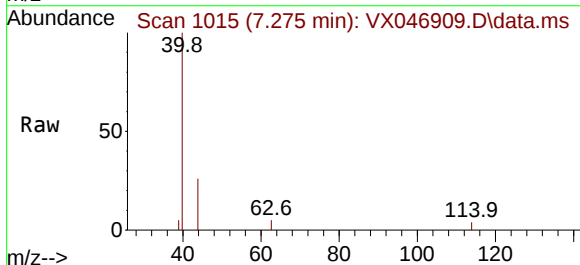
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

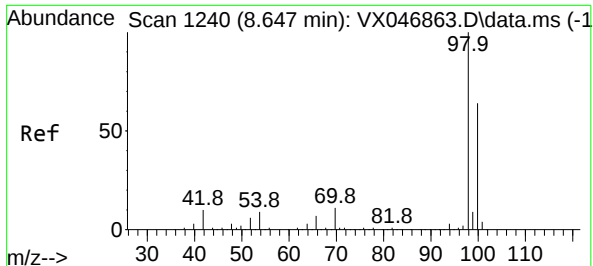
Tgt Ion:130 Resp: 25
Ion Ratio Lower Upper
130 100
95 0.0 0.0 194.2



#45
1,2-Dichloropropane
Concen: 0.005 ug/l
RT: 7.275 min Scan# 1015
Delta R.T. -0.159 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 63 Resp: 29
Ion Ratio Lower Upper
63 100
65 0.0 24.2 36.2#

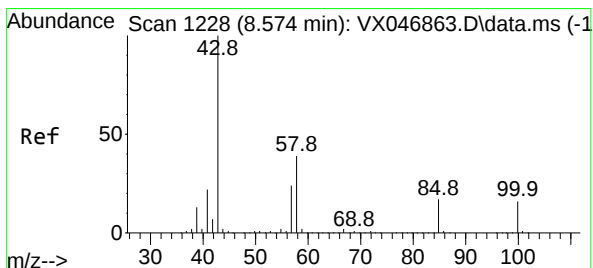
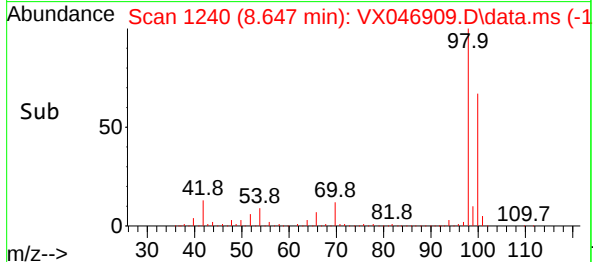
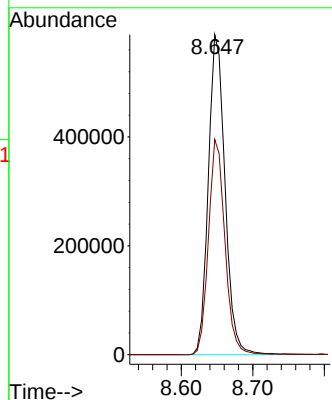
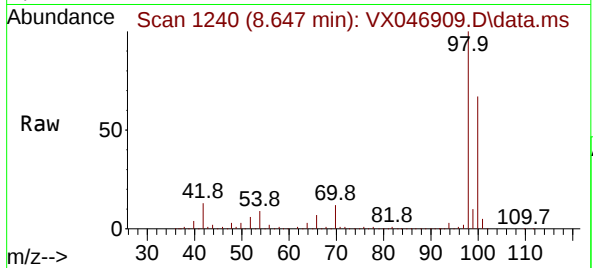




#50
Toluene-d8
Concen: 50.052 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

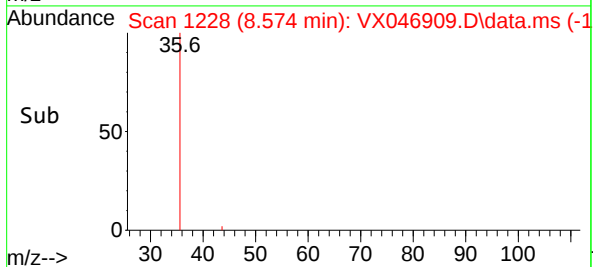
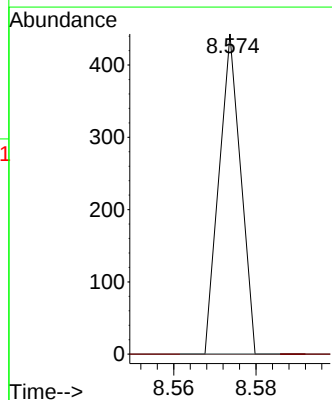
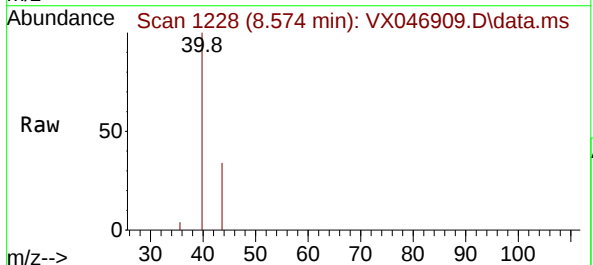
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

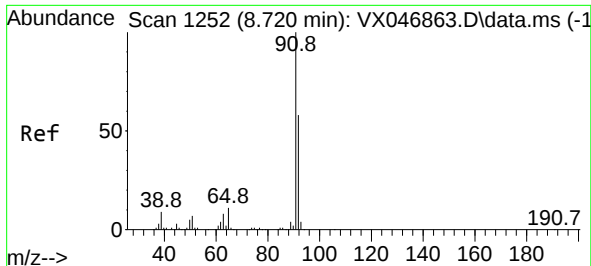
Tgt Ion: 98 Resp: 953074
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.029 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 43 Resp: 162
Ion Ratio Lower Upper
43 100
58 0.0 30.4 45.6#

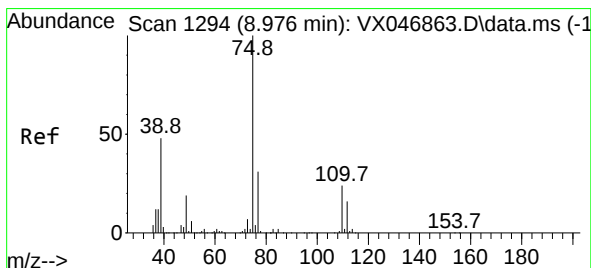
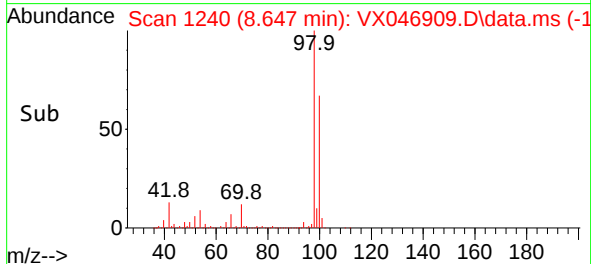
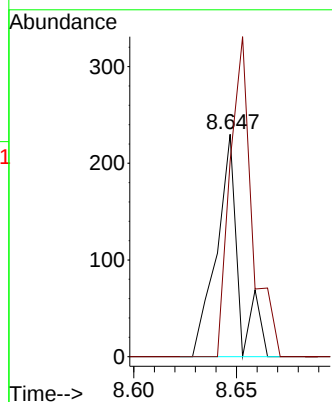
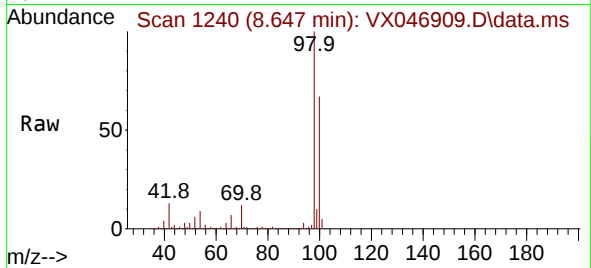




#52
Toluene
Concen: 0.012 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

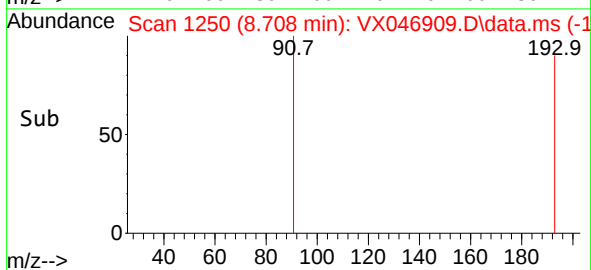
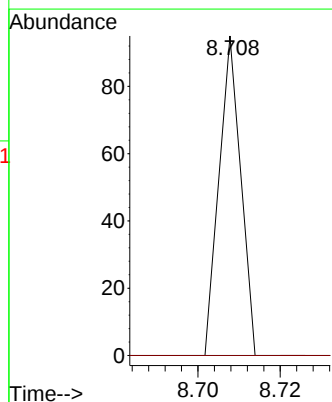
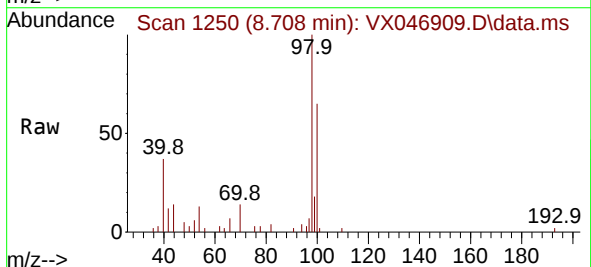
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

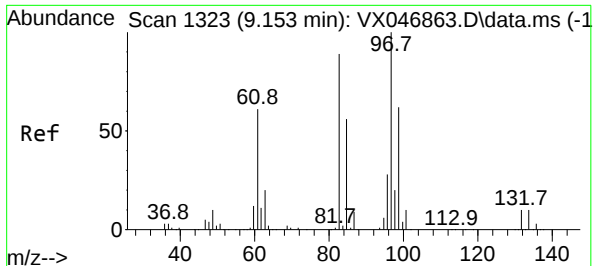
Tgt Ion: 92 Resp: 170
Ion Ratio Lower Upper
92 100
91 145.3 137.9 206.9



#53
t-1,3-Dichloropropene
Concen: 0.005 ug/l
RT: 8.708 min Scan# 1250
Delta R.T. -0.268 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 75 Resp: 35
Ion Ratio Lower Upper
75 100
77 0.0 25.0 37.6#

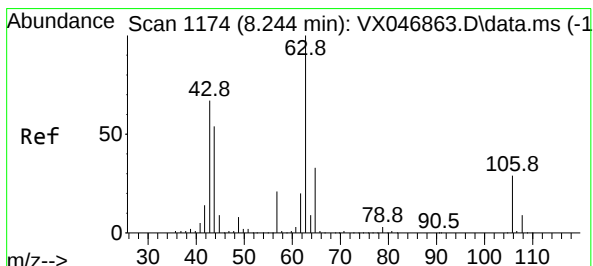
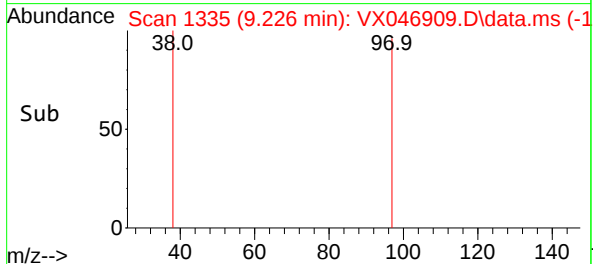
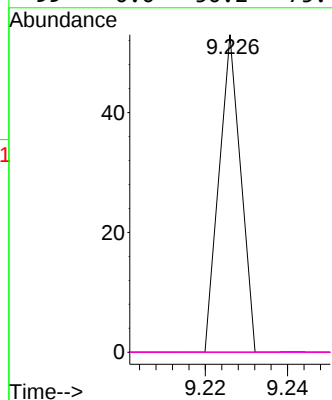
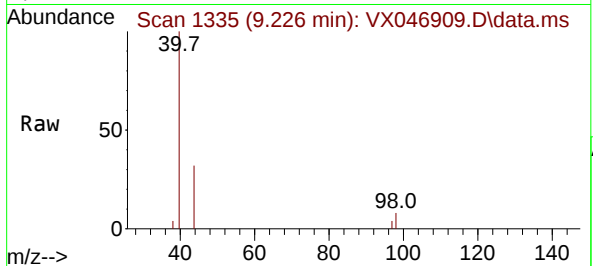




#55
 1,1,2-Trichloroethane
 Concen: 0.004 ug/l
 RT: 9.226 min Scan# 1135
 Delta R.T. 0.073 min
 Lab File: VX046909.D
 Acq: 08 Jul 2025 10:04

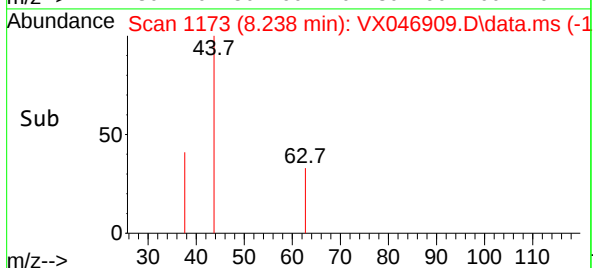
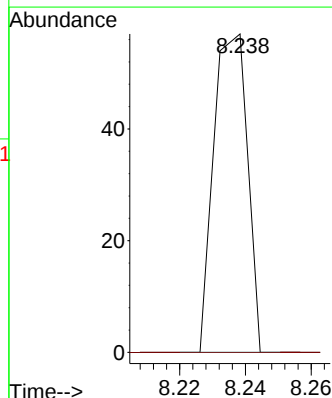
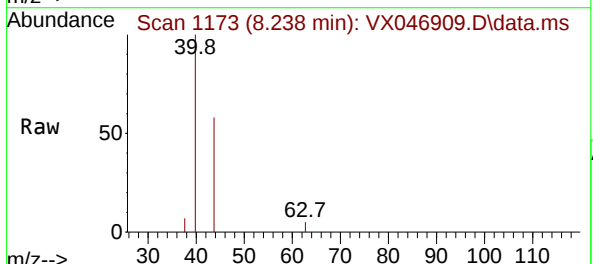
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBL01

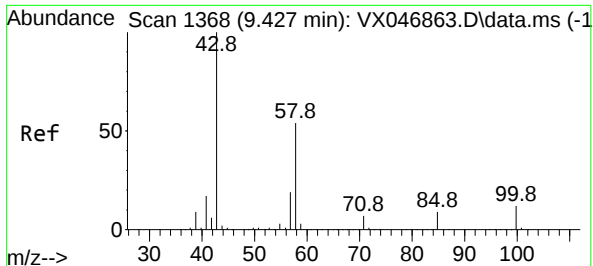
Tgt Ion: 97	Resp:	19
Ion Ratio	Lower	Upper
97 100		
83 0.0	70.9	106.3#
85 0.0	44.6	67.0#
99 0.0	50.2	75.4#



#58
 2-Chloroethyl Vinyl ether
 Concen: 0.010 ug/l
 RT: 8.238 min Scan# 1173
 Delta R.T. -0.006 min
 Lab File: VX046909.D
 Acq: 08 Jul 2025 10:04

Tgt Ion: 63	Resp:	41	
Ion Ratio	Lower	Upper	
63 100			
106 0.0	22.6	33.8#	





#59

2-Hexanone

Concen: 0.062 ug/l

RT: 9.427 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX046909.D

Acq: 08 Jul 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

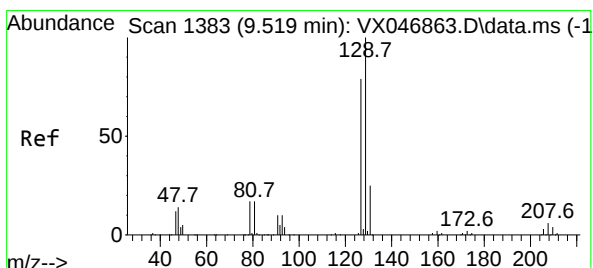
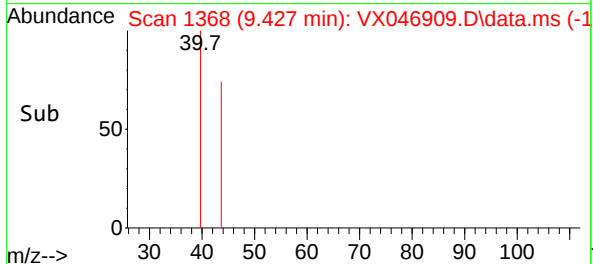
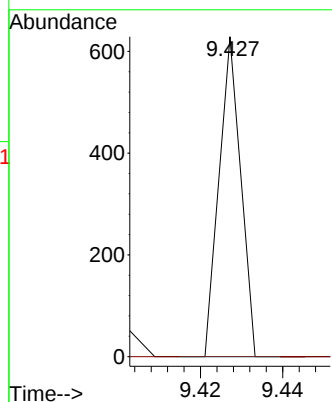
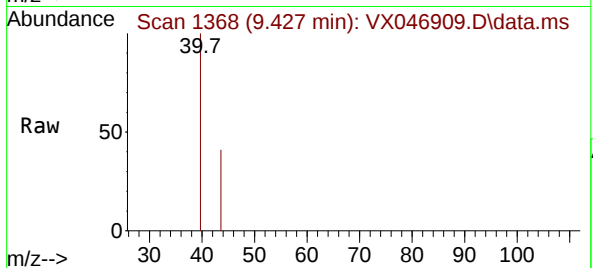
VX0708WBL01

Tgt Ion: 43 Resp: 230

Ion Ratio Lower Upper

43 100

58 0.0 27.1 81.3#



#60

Dibromochloromethane

Concen: 0.008 ug/l

RT: 9.537 min Scan# 1386

Delta R.T. 0.018 min

Lab File: VX046909.D

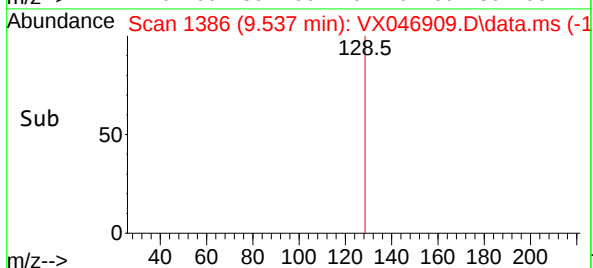
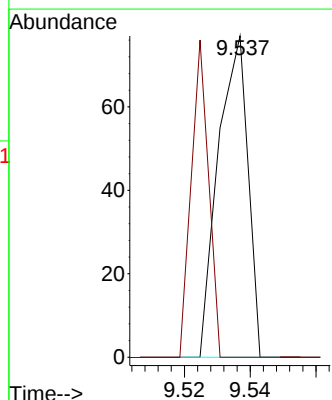
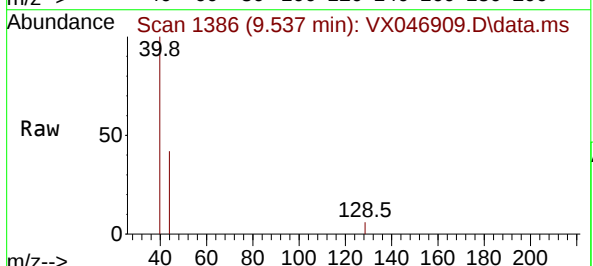
Acq: 08 Jul 2025 10:04

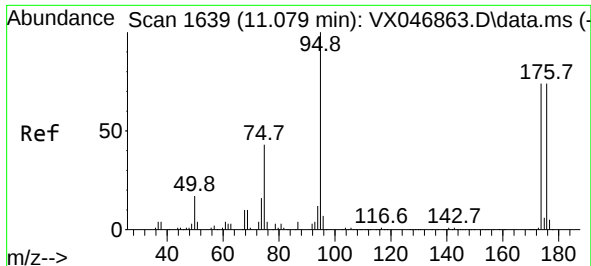
Tgt Ion: 129 Resp: 48

Ion Ratio Lower Upper

129 100

127 58.3 39.1 117.5

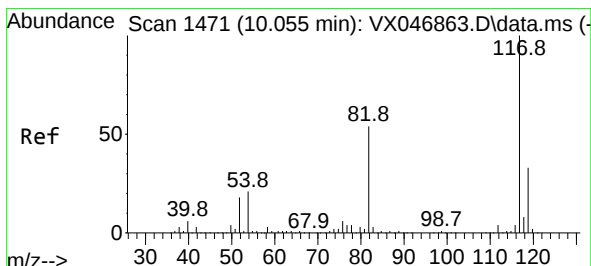
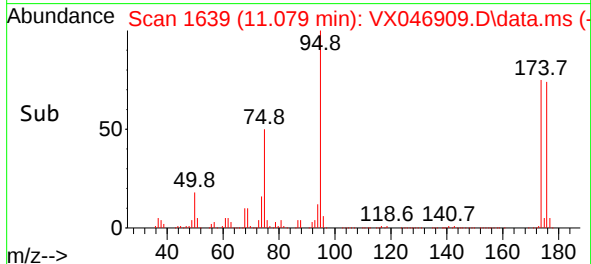
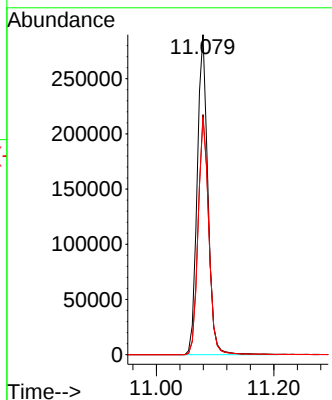
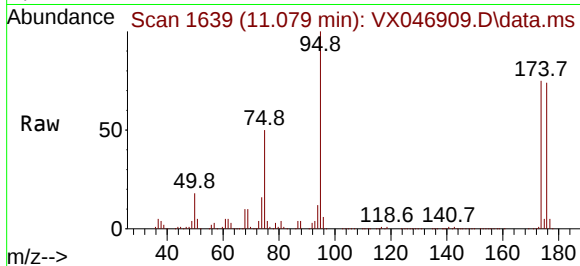




#62
4-Bromofluorobenzene
Concen: 50.484 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

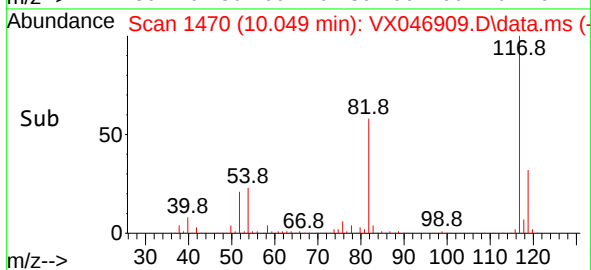
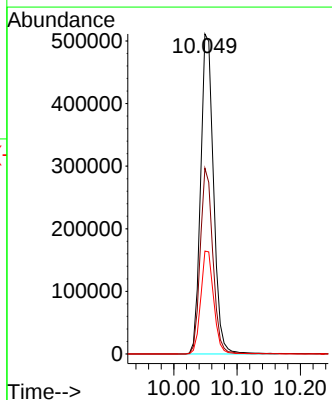
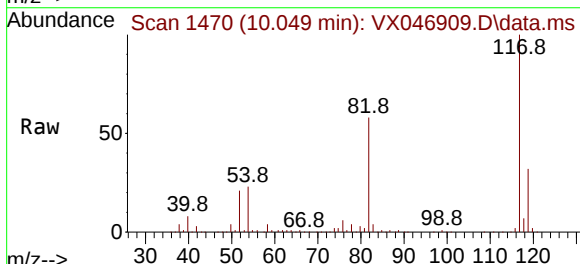
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

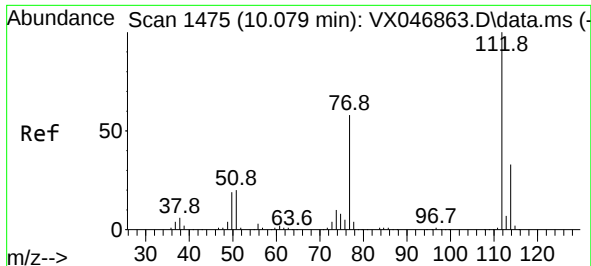
Tgt Ion: 95 Resp: 365351
Ion Ratio Lower Upper
95 100
174 74.8 0.0 152.0
176 73.8 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 117 Resp: 726520
Ion Ratio Lower Upper
117 100
82 58.0 43.3 64.9
119 32.2 26.4 39.6

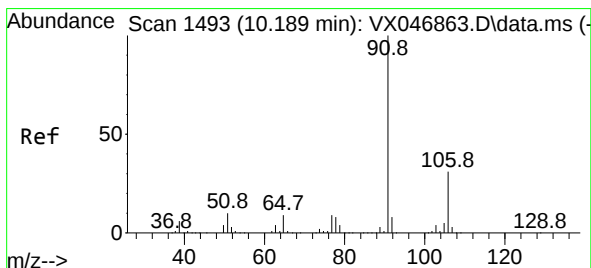
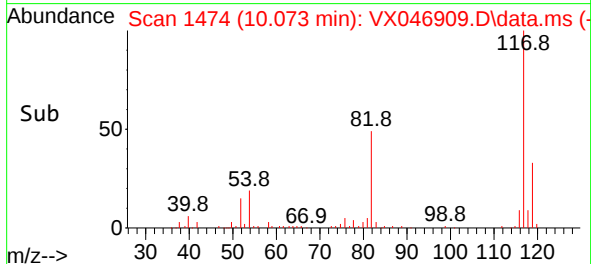
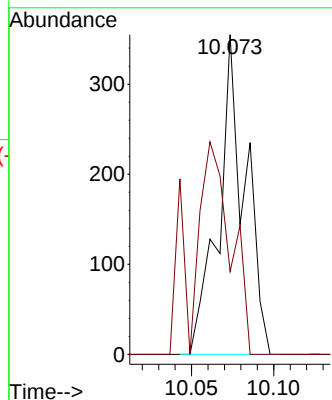
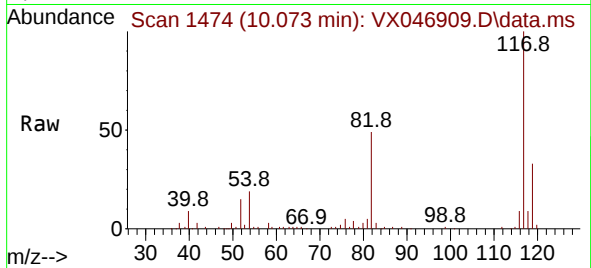




#65
Chlorobenzene
Concen: 0.025 ug/l
RT: 10.073 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

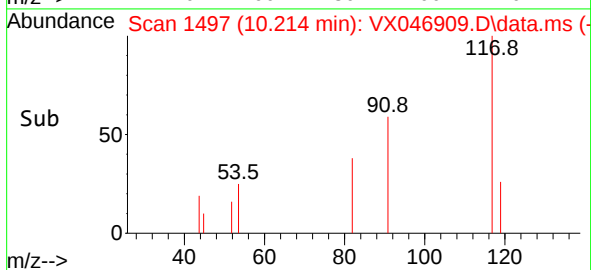
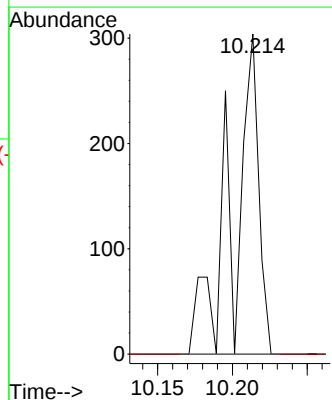
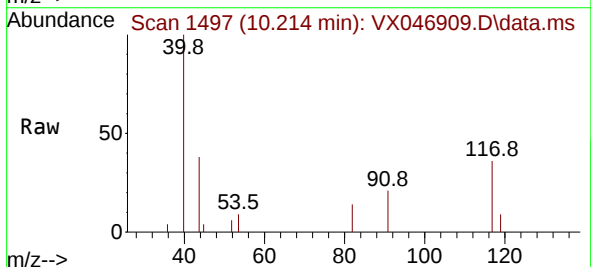
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

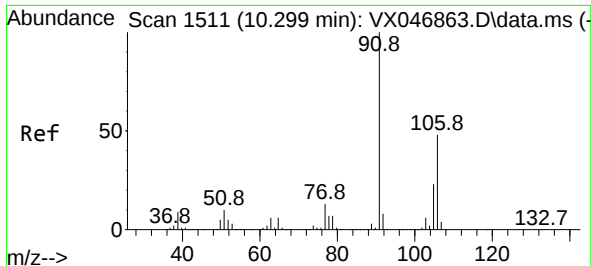
Tgt Ion:112 Resp: 399
Ion Ratio Lower Upper
112 100
114 25.9 26.3 39.5#



#67
Ethyl Benzene
Concen: 0.013 ug/l
RT: 10.214 min Scan# 1497
Delta R.T. 0.024 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 91 Resp: 362
Ion Ratio Lower Upper
91 100
106 0.0 24.4 36.6#

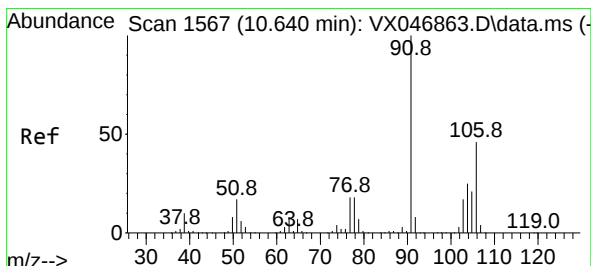
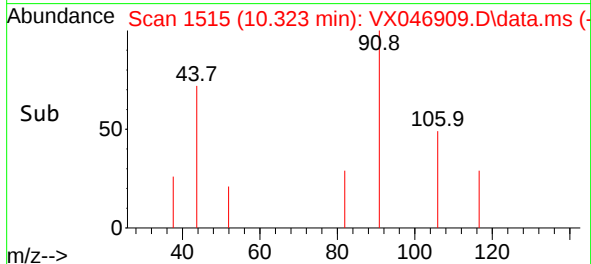
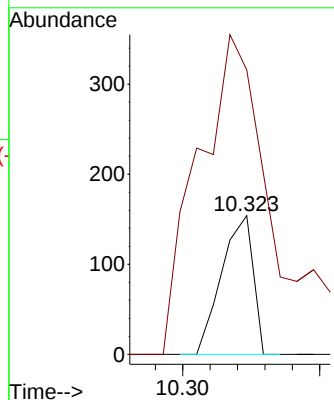
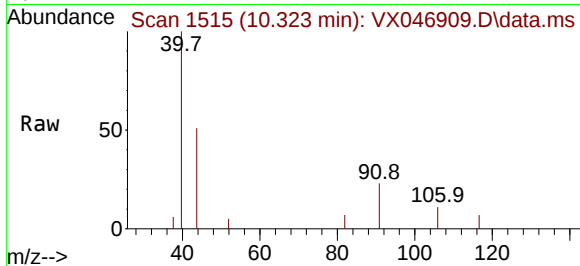




#68
m/p-Xylenes
Concen: 0.012 ug/l
RT: 10.323 min Scan# 11
Delta R.T. 0.024 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

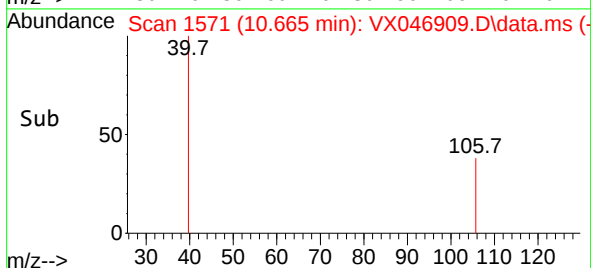
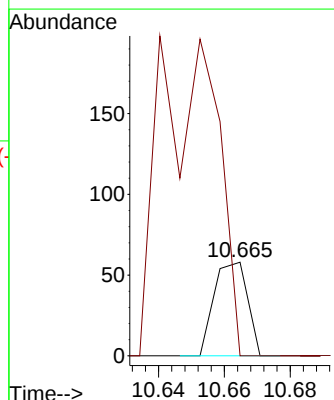
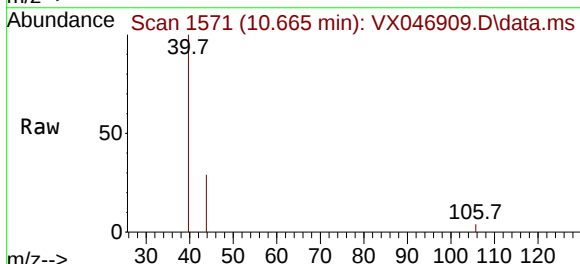
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

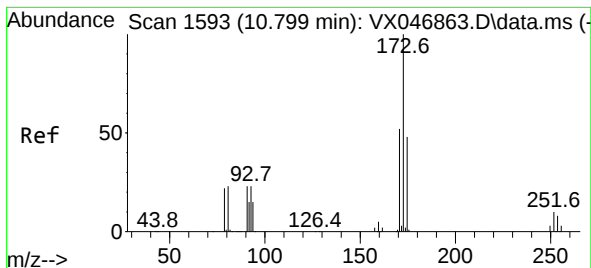
Tgt Ion:106 Resp: 123
Ion Ratio Lower Upper
106 100
91 538.2 164.6 246.8#



#69
o-Xylene
Concen: 0.004 ug/l
RT: 10.665 min Scan# 1571
Delta R.T. 0.024 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion:106 Resp: 41
Ion Ratio Lower Upper
106 100
91 0.0 109.5 328.5#





#71

Bromoform

Concen: 0.071 ug/l

RT: 10.811 min Scan# 1595

Delta R.T. 0.012 min

Lab File: VX046909.D

Acq: 08 Jul 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBL01

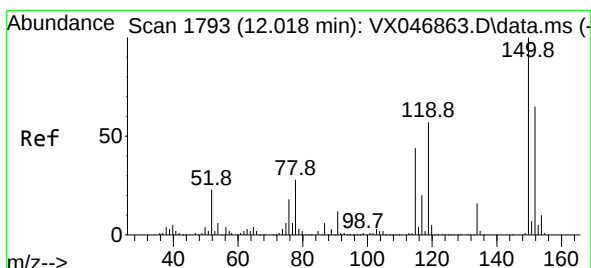
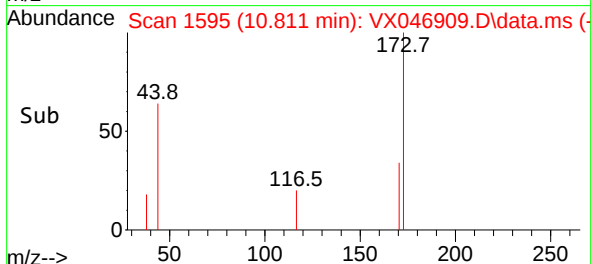
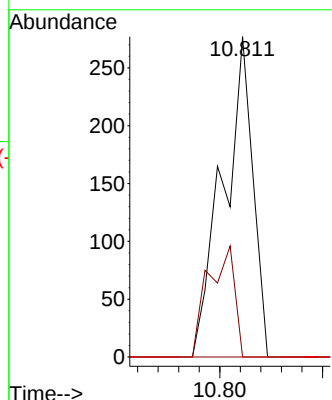
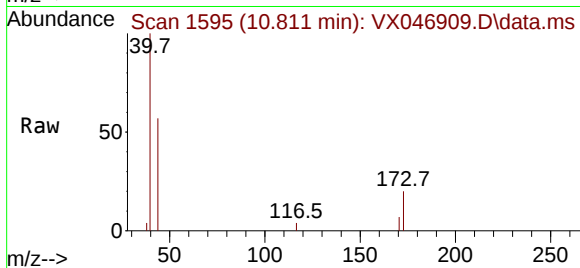
Tgt Ion:173 Resp: 279

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: VX046909.D

Acq: 08 Jul 2025 10:04

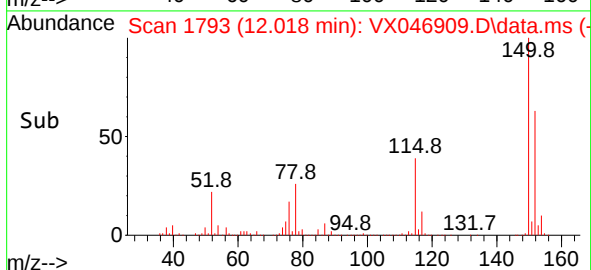
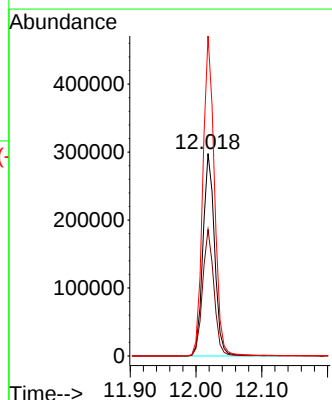
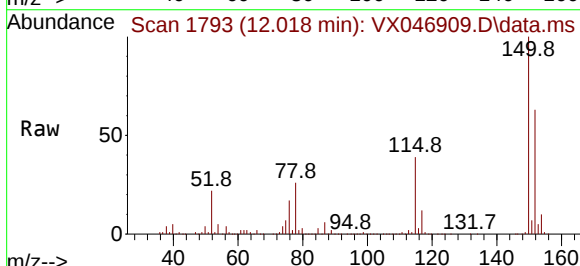
Tgt Ion:152 Resp: 366897

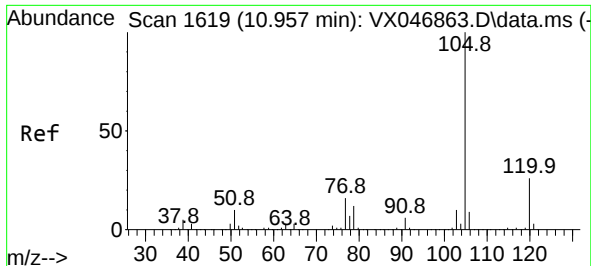
Ion Ratio Lower Upper

152 100

115 61.0 42.4 127.1

150 157.5 0.0 349.2

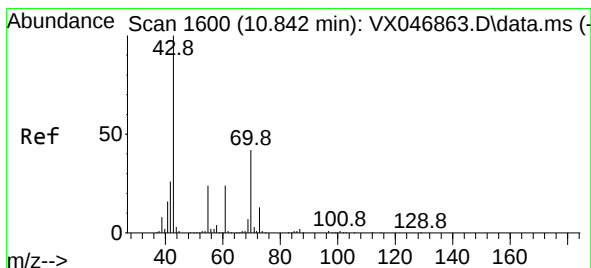
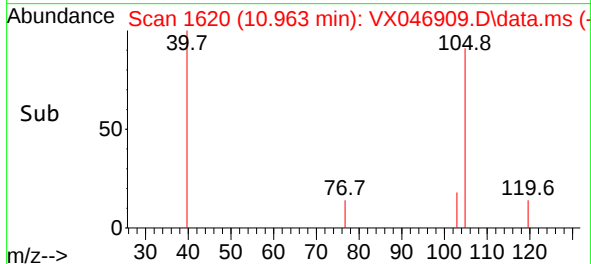
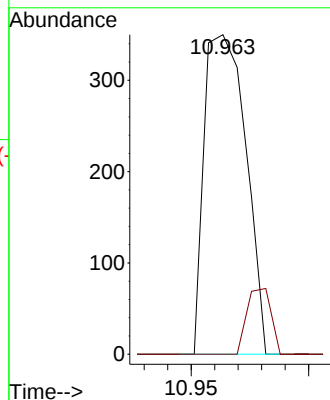
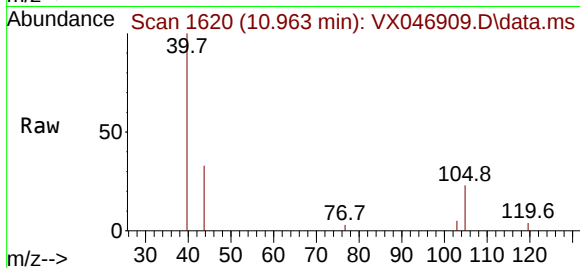




#73
Isopropylbenzene
Concen: 0.017 ug/l
RT: 10.963 min Scan# 1593
Delta R.T. 0.006 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

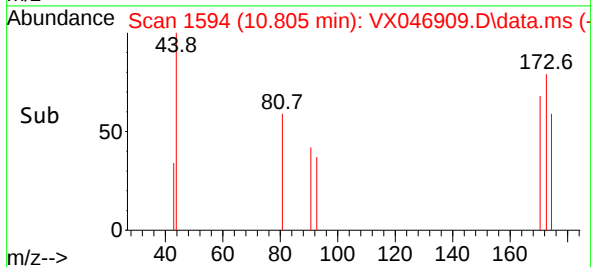
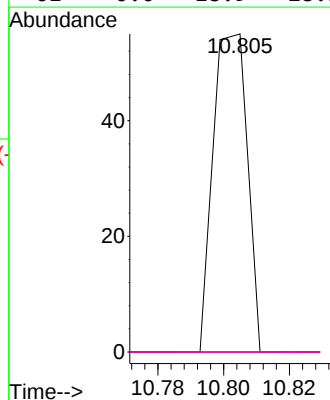
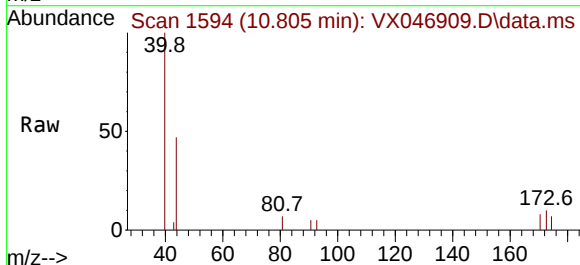
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

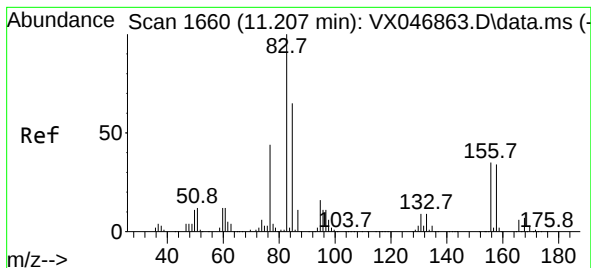
Tgt Ion:105 Resp: 430
Ion Ratio Lower Upper
105 100
120 12.1 13.2 39.5#



#74
N-ethyl acetate
Concen: 0.005 ug/l
RT: 10.805 min Scan# 1594
Delta R.T. -0.037 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 43 Resp: 40
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: 0.038 ug/l

RT: 11.073 min Scan# 1

Delta R.T. -0.134 min

Lab File: VX046909.D

Acq: 08 Jul 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBL01

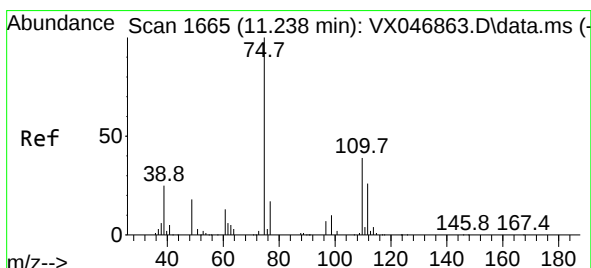
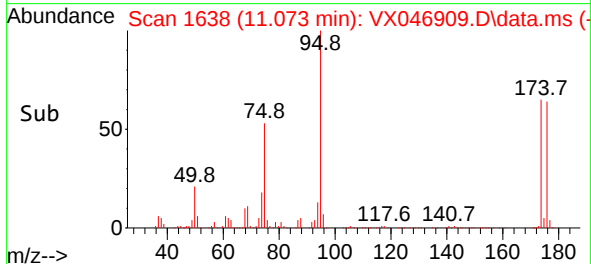
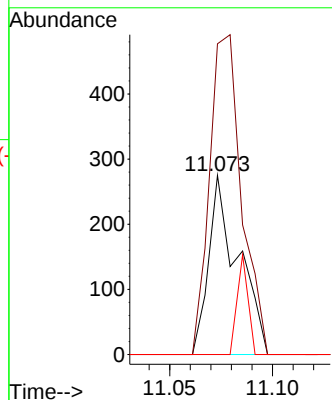
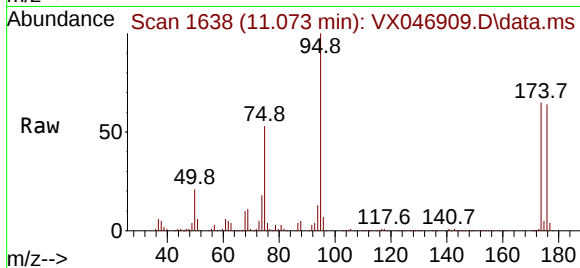
Tgt Ion: 83 Resp: 273

Ion Ratio Lower Upper

83 100

131 194.9 5.0 14.9#

85 20.5 32.1 96.5#



#76

1,2,3-Trichloropropane

Concen: 32.418 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046909.D

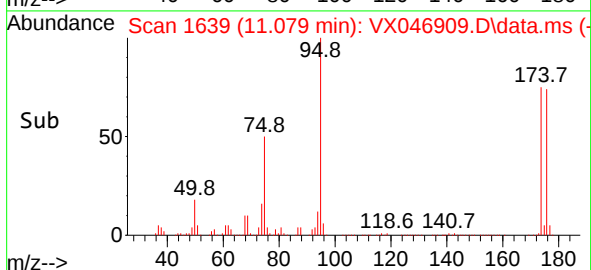
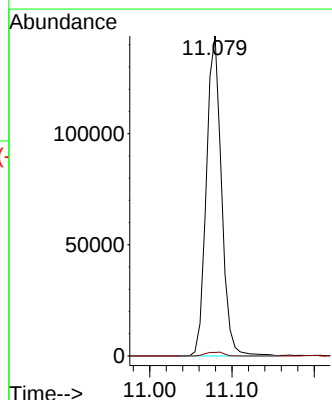
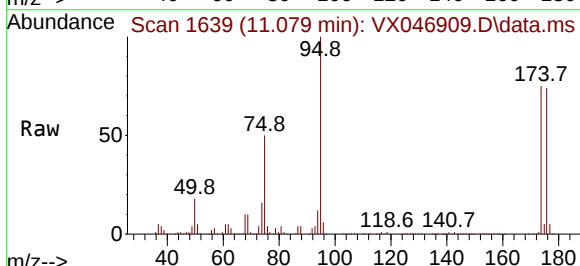
Acq: 08 Jul 2025 10:04

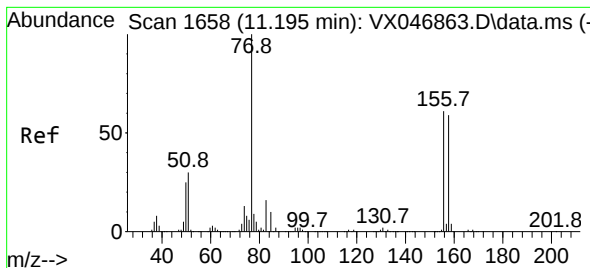
Tgt Ion: 75 Resp: 183782

Ion Ratio Lower Upper

75 100

77 1.4 20.6 61.8#





#77

Bromobenzene

Concen: 0.005 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.116 min

Lab File: VX046909.D

Acq: 08 Jul 2025 10:04

Instrument :

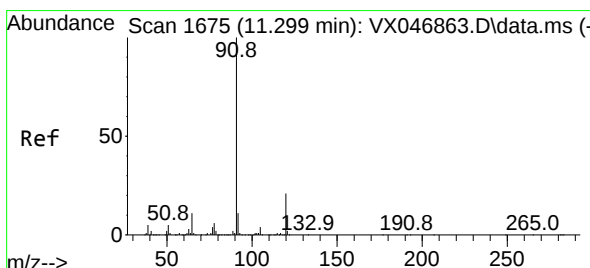
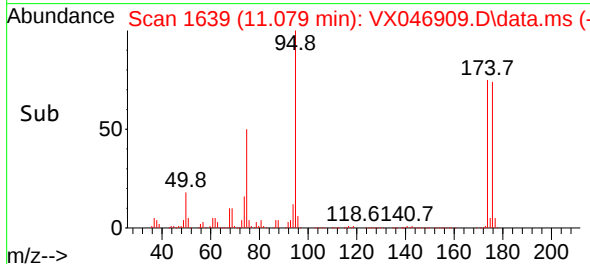
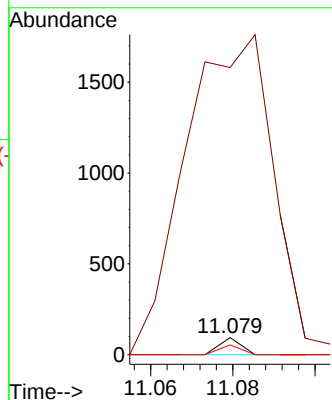
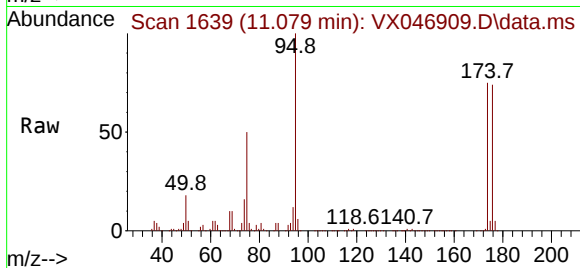
MSVOA_X

ClientSampleId :

VX0708WBL01

Tgt Ion:156 Resp: 34

Ion	Ratio	Lower	Upper
156	100		
77	7708.8	82.3	247.0#
158	58.8	47.5	142.6



#78

n-propylbenzene

Concen: 0.028 ug/l

RT: 11.305 min Scan# 1676

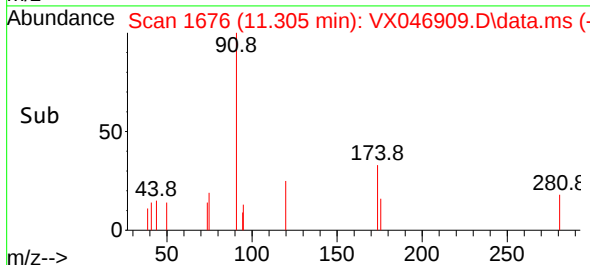
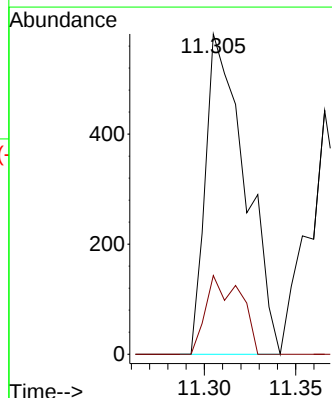
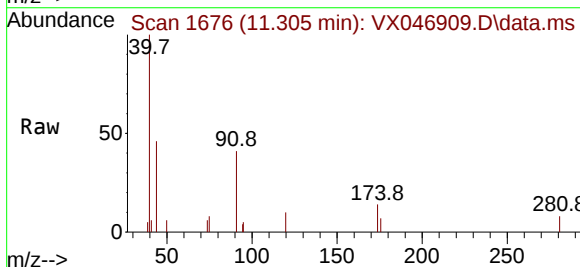
Delta R.T. 0.006 min

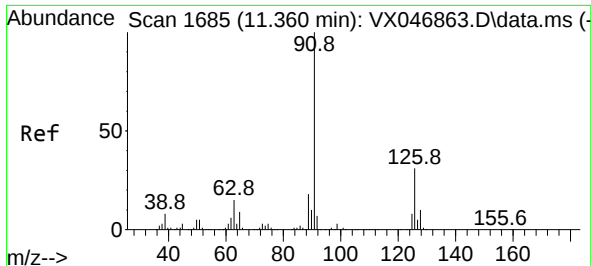
Lab File: VX046909.D

Acq: 08 Jul 2025 10:04

Tgt Ion: 91 Resp: 878

Ion	Ratio	Lower	Upper
91	100		
120	21.4	11.2	33.5

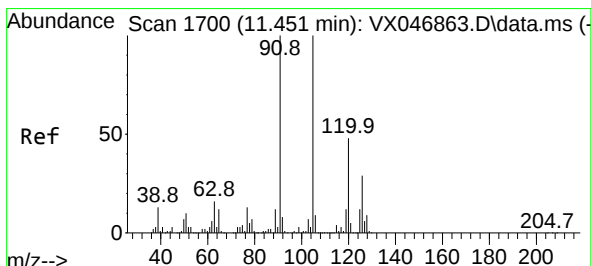
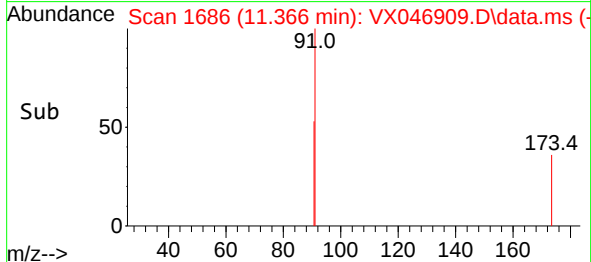
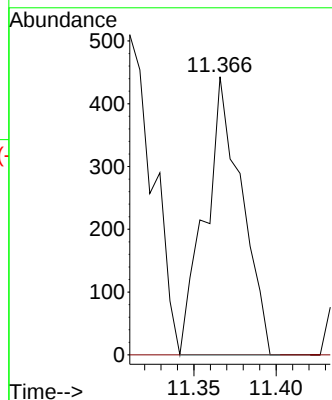
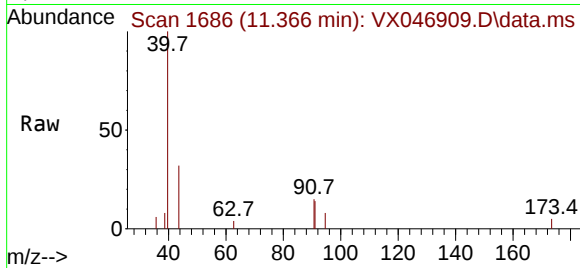




#79
2-Chlorotoluene
Concen: 0.037 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

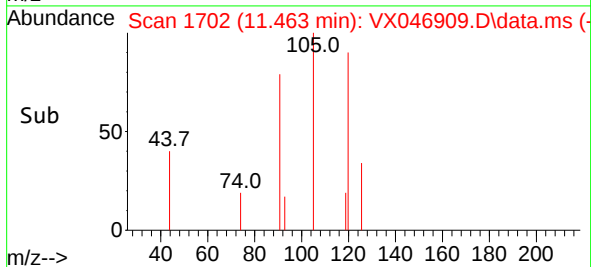
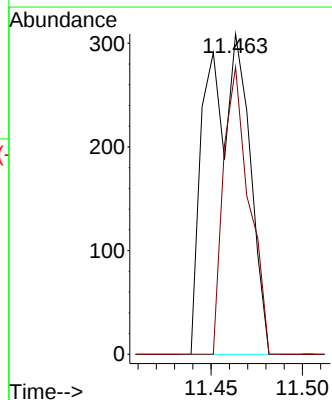
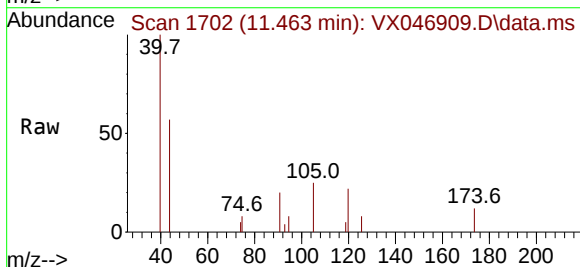
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

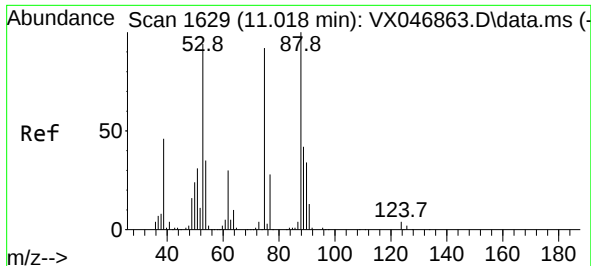
Tgt Ion: 91 Resp: 683
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.8#



#80
1,3,5-Trimethylbenzene
Concen: 0.024 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 105 Resp: 497
Ion Ratio Lower Upper
105 100
120 54.7 24.1 72.4

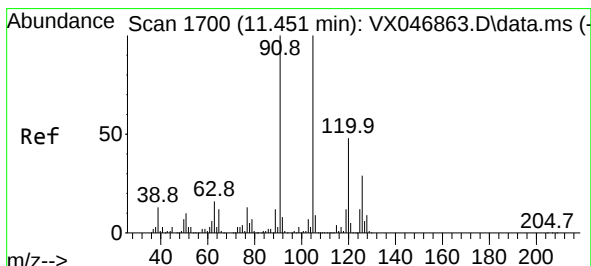
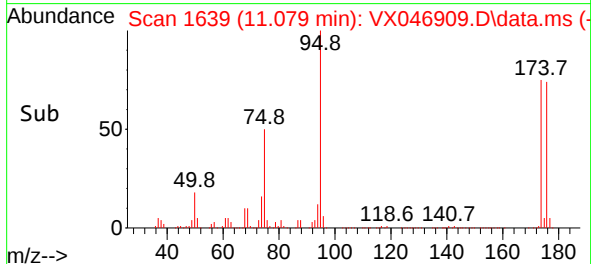
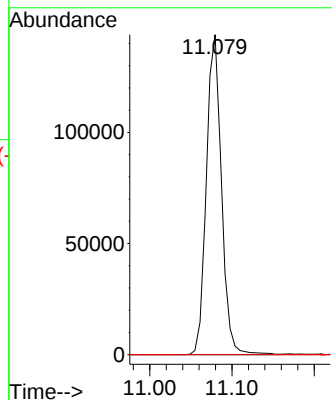
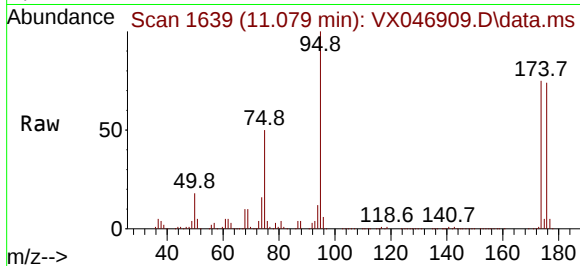




#81
trans-1,4-Dichloro-2-butene
Concen: 86.995 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

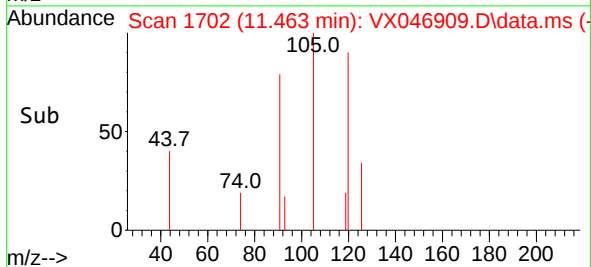
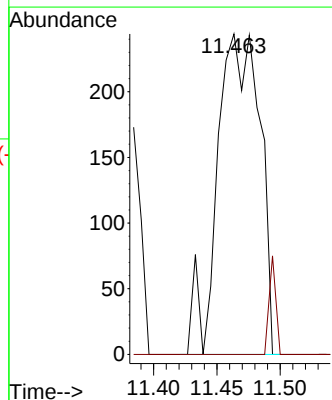
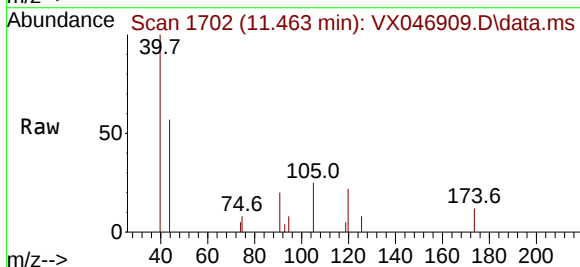
Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

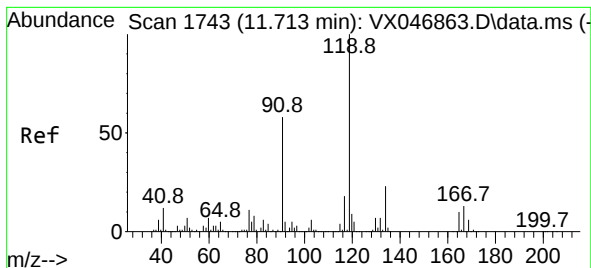
Tgt Ion: 75 Resp: 183782
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.0 38.2 57.2#



#82
4-Chlorotoluene
Concen: 0.027 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion: 91 Resp: 570
Ion Ratio Lower Upper
91 100
126 0.0 14.6 44.0#





#83

tert-Butylbenzene

Concen: 0.023 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. -0.000 min

Lab File: VX046909.D

Acq: 08 Jul 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBL01

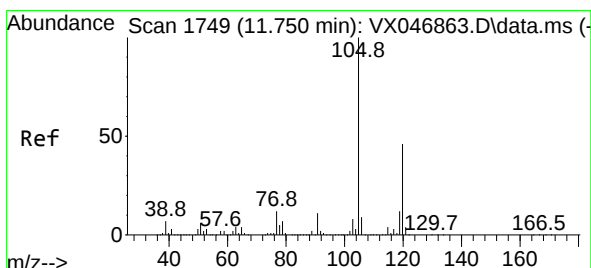
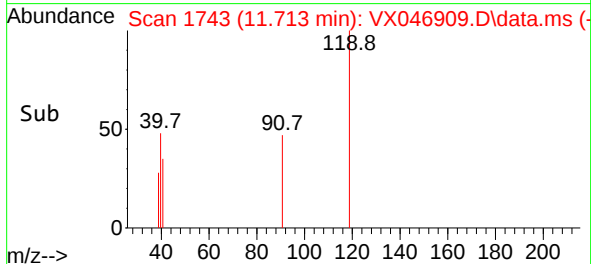
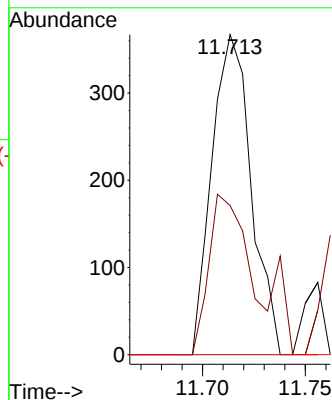
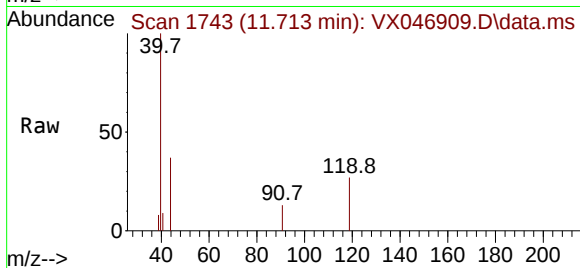
Tgt Ion:119 Resp: 489

Ion Ratio Lower Upper

119 100

91 59.3 28.7 86.3

134 0.0 11.4 34.2#



#84

1,2,4-Trimethylbenzene

Concen: 0.022 ug/l

RT: 11.762 min Scan# 1751

Delta R.T. 0.012 min

Lab File: VX046909.D

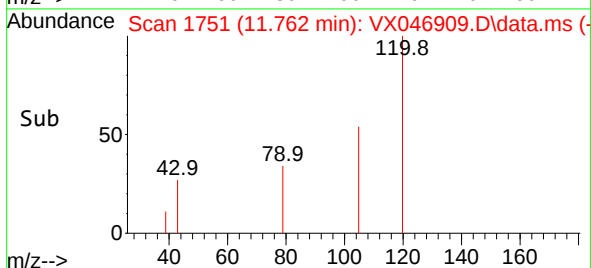
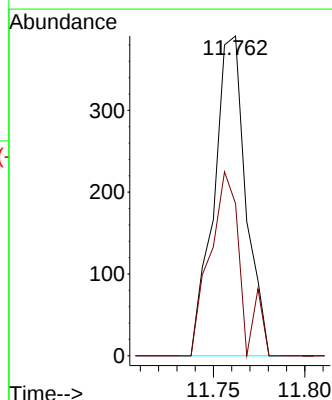
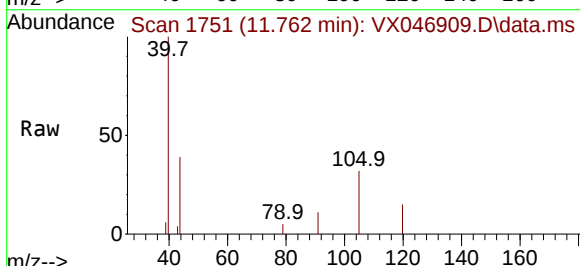
Acq: 08 Jul 2025 10:04

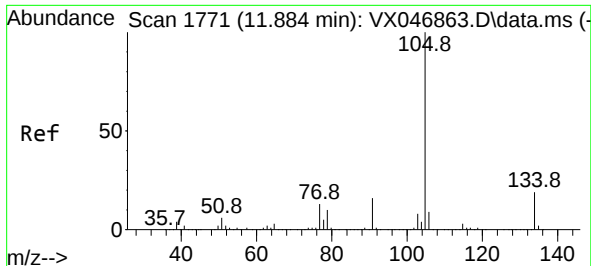
Tgt Ion:105 Resp: 476

Ion Ratio Lower Upper

105 100

120 55.7 23.3 69.8

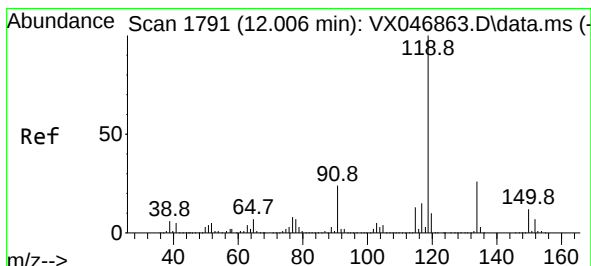
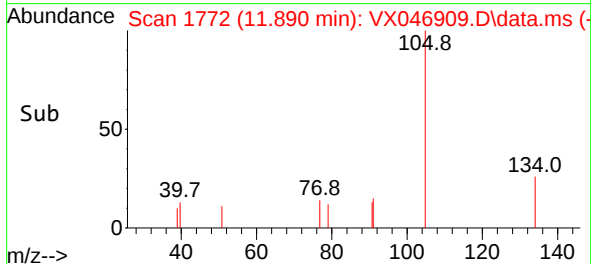
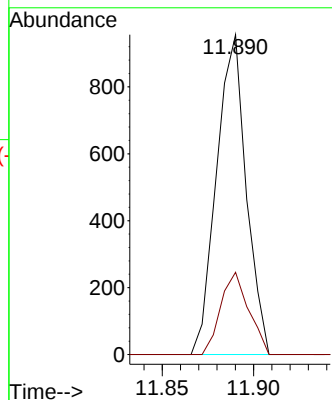
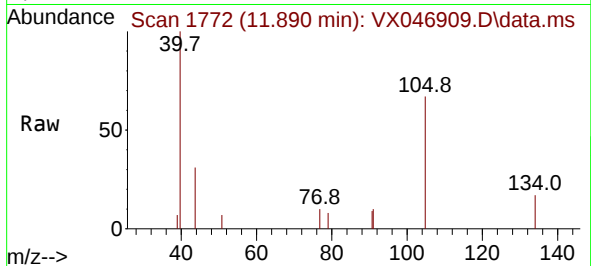




#85
 sec-Butylbenzene
 Concen: 0.040 ug/l
 RT: 11.890 min Scan# 1771
 Delta R.T. 0.006 min
 Lab File: VX046909.D
 Acq: 08 Jul 2025 10:04

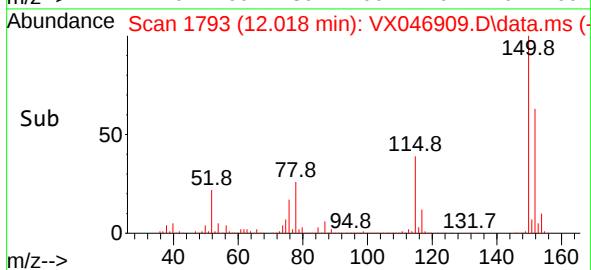
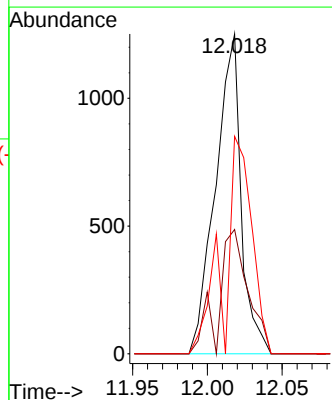
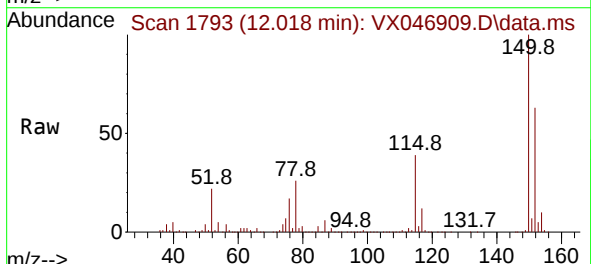
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBL01

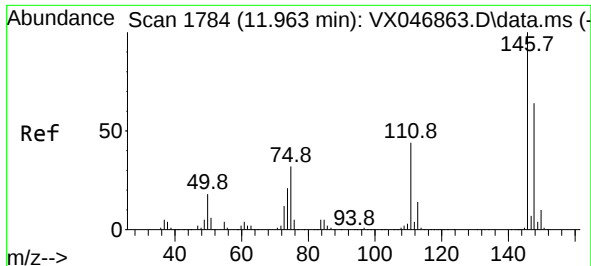
Tgt Ion:105 Resp: 1079
 Ion Ratio Lower Upper
 105 100
 134 24.4 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 0.065 ug/l
 RT: 12.018 min Scan# 1793
 Delta R.T. 0.012 min
 Lab File: VX046909.D
 Acq: 08 Jul 2025 10:04

Tgt Ion:119 Resp: 1486
 Ion Ratio Lower Upper
 119 100
 134 45.1 13.0 39.0#
 91 73.0 12.0 36.1#





#87

1,3-Dichlorobenzene

Concen: 0.048 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.012 min

Lab File: VX046909.D

Acq: 08 Jul 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBL01

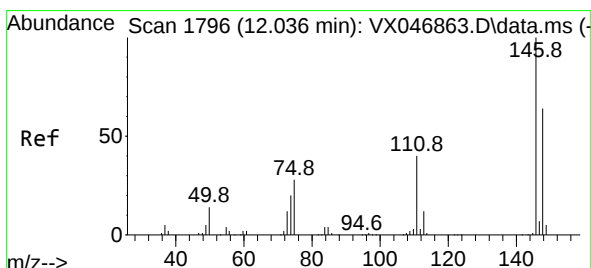
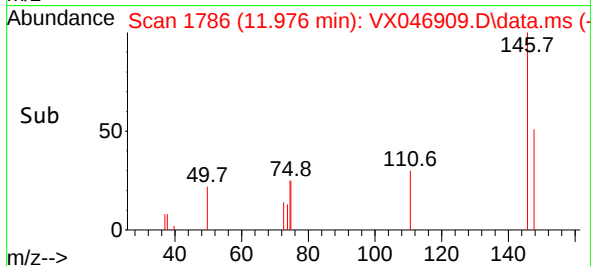
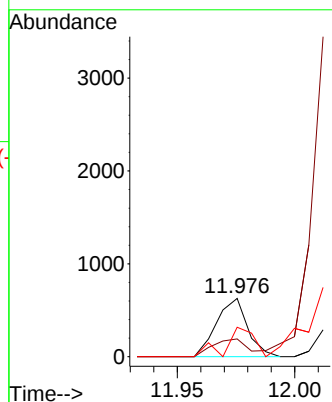
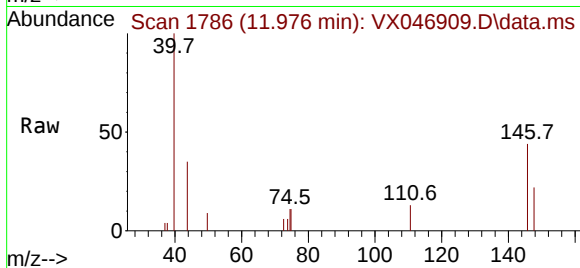
Tgt Ion:146 Resp: 576

Ion Ratio Lower Upper

146 100

111 33.2 20.5 61.6

148 45.8 31.4 94.2



#88

1,4-Dichlorobenzene

Concen: 0.046 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. -0.061 min

Lab File: VX046909.D

Acq: 08 Jul 2025 10:04

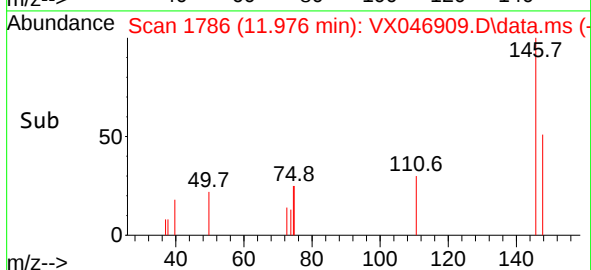
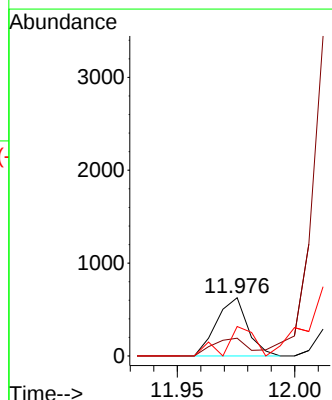
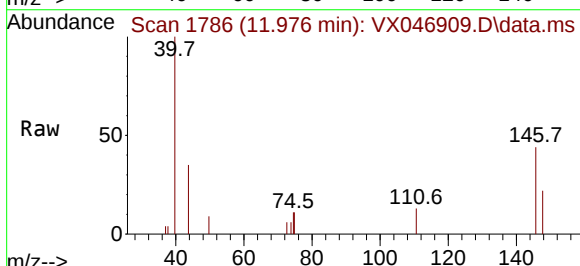
Tgt Ion:146 Resp: 576

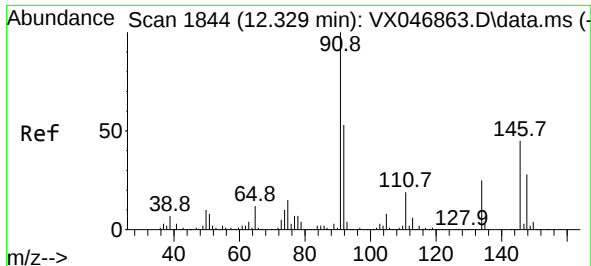
Ion Ratio Lower Upper

146 100

111 33.2 20.2 60.5

148 45.8 32.4 97.0





#89

n-Butylbenzene

Concen: 0.054 ug/l

RT: 12.341 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX046909.D

Acq: 08 Jul 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBL01

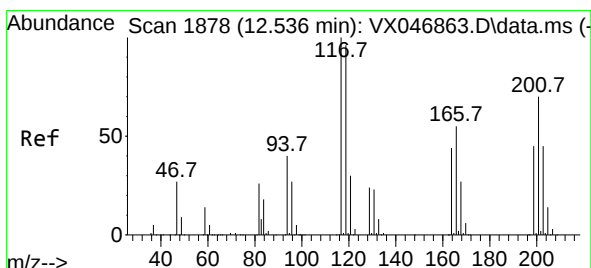
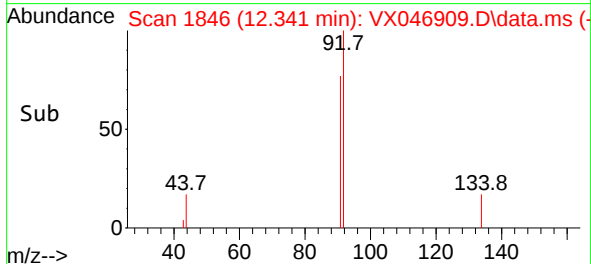
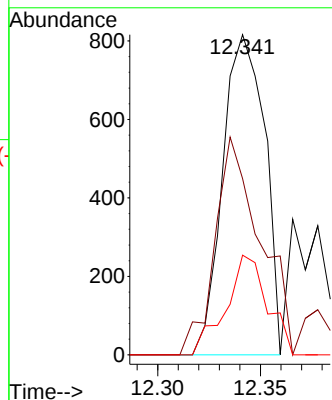
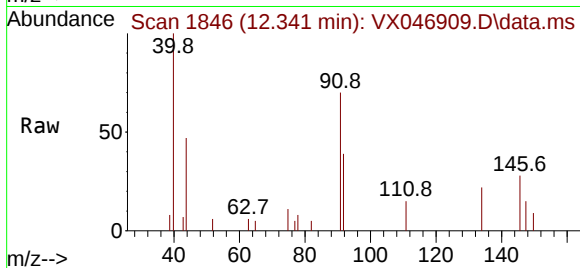
Tgt Ion: 91 Resp: 1156

Ion Ratio Lower Upper

91 100

92 76.6 27.0 81.0

134 31.0 12.8 38.4



#90

Hexachloroethane

Concen: 0.019 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX046909.D

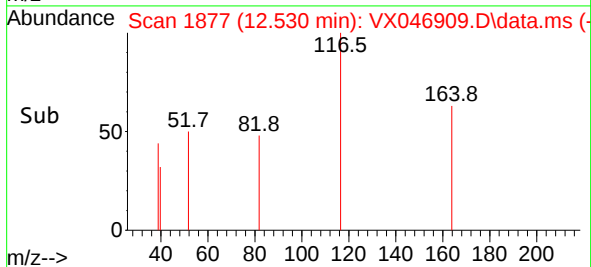
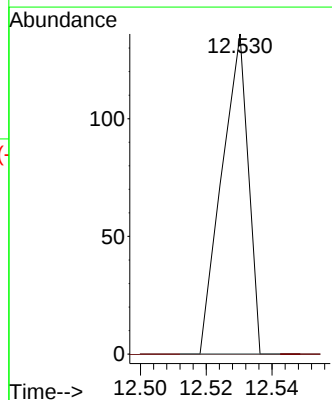
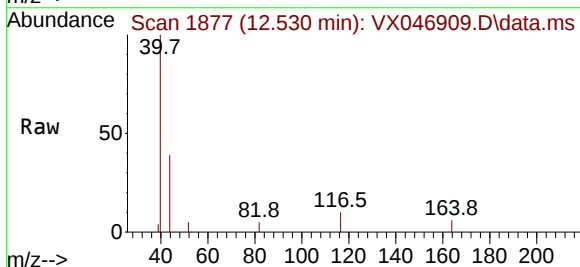
Acq: 08 Jul 2025 10:04

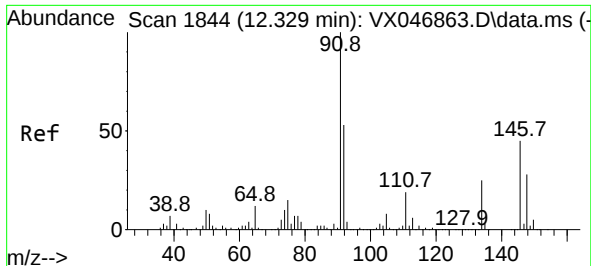
Tgt Ion: 117 Resp: 76

Ion Ratio Lower Upper

117 100

201 0.0 35.8 107.4#





#91

1,2-Dichlorobenzene

Concen: 0.030 ug/l

RT: 12.341 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX046909.D

Acq: 08 Jul 2025 10:04

Instrument :

MSVOA_X

ClientSampleId :

VX0708WBL01

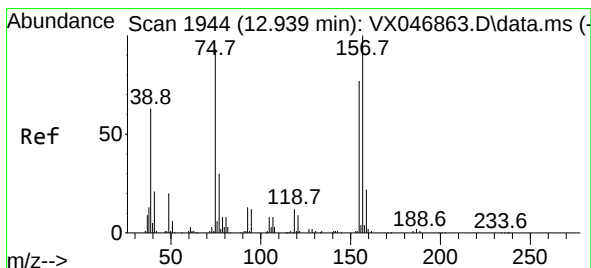
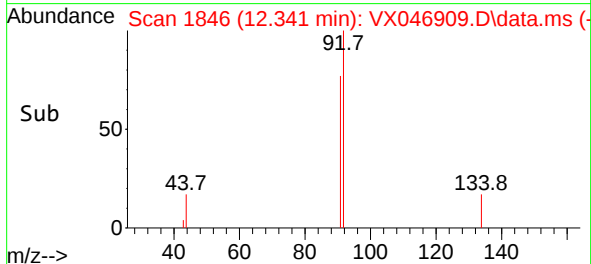
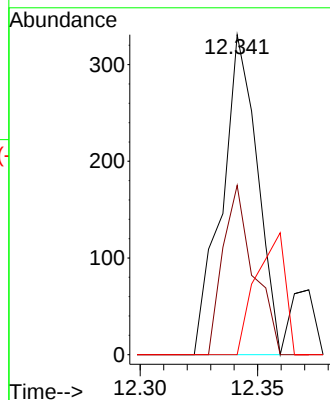
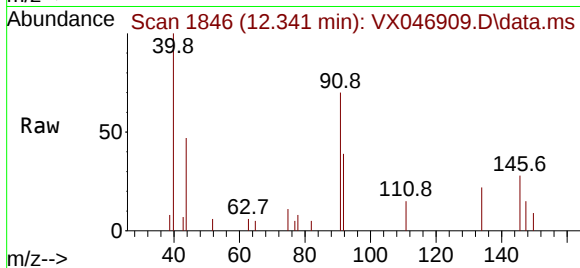
Tgt Ion:146 Resp: 348

Ion Ratio Lower Upper

146 100

111 46.0 21.1 63.1

148 31.3 31.6 95.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.031 ug/l

RT: 12.762 min Scan# 1915

Delta R.T. -0.177 min

Lab File: VX046909.D

Acq: 08 Jul 2025 10:04

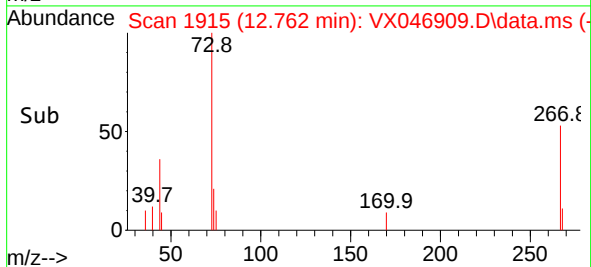
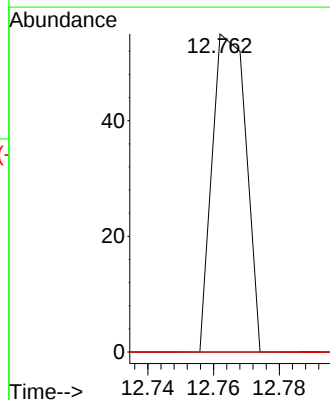
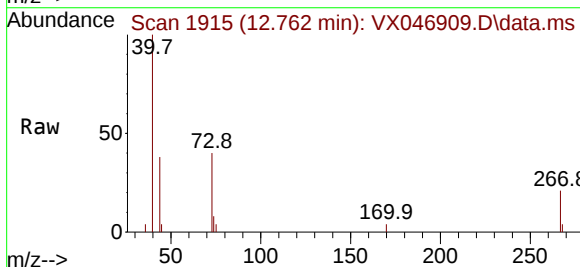
Tgt Ion: 75 Resp: 39

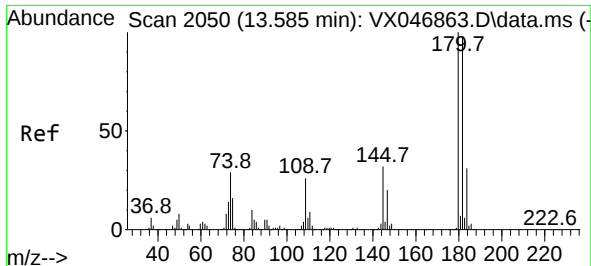
Ion Ratio Lower Upper

75 100

155 0.0 43.1 129.4#

157 0.0 56.5 169.5#

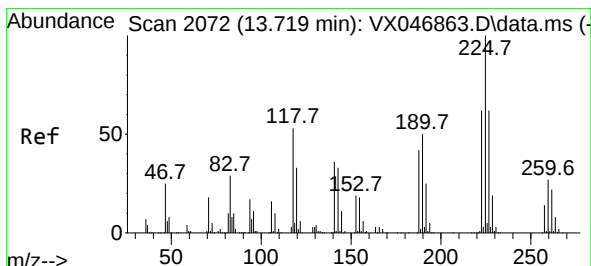
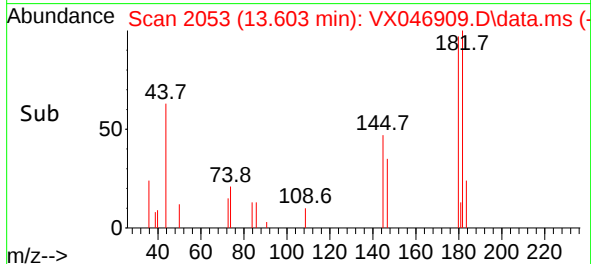
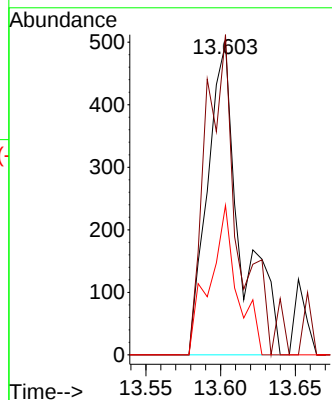
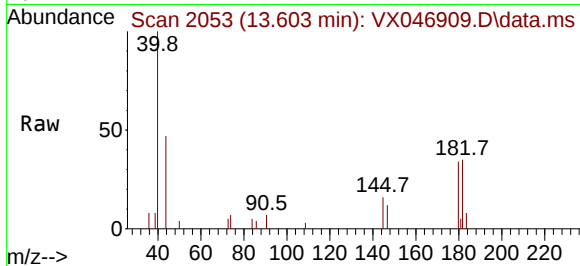




#93
 1,2,4-Trichlorobenzene
 Concen: 0.097 ug/l
 RT: 13.603 min Scan# 2053
 Delta R.T. 0.018 min
 Lab File: VX046909.D
 Acq: 08 Jul 2025 10:04

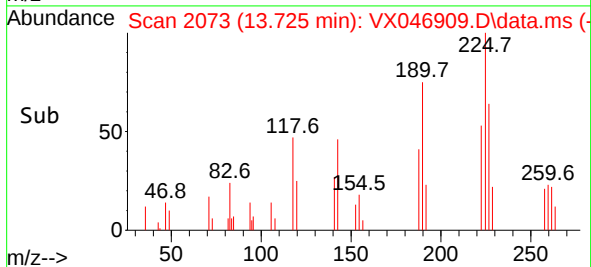
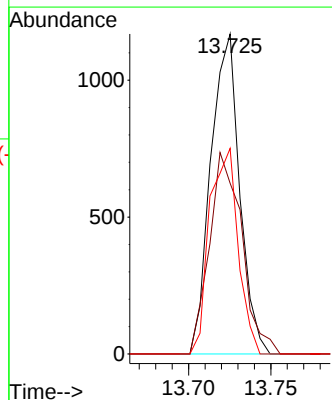
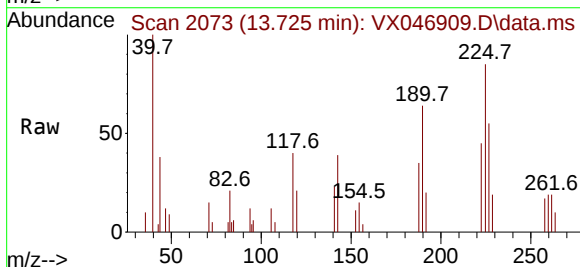
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0708WBL01

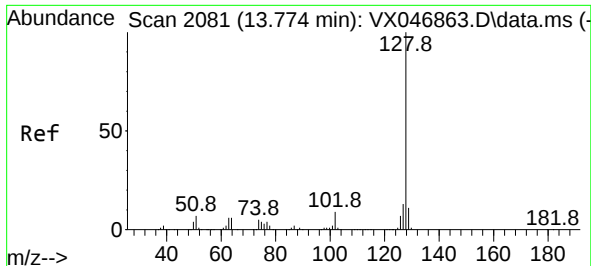
Tgt Ion:180 Resp: 770
 Ion Ratio Lower Upper
 180 100
 182 102.3 47.3 141.9
 145 40.3 16.1 48.2



#94
 Hexachlorobutadiene
 Concen: 0.478 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.006 min
 Lab File: VX046909.D
 Acq: 08 Jul 2025 10:04

Tgt Ion:225 Resp: 1425
 Ion Ratio Lower Upper
 225 100
 223 70.9 31.6 94.7
 227 63.4 31.6 94.7

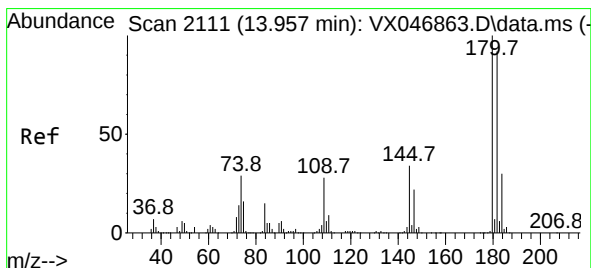
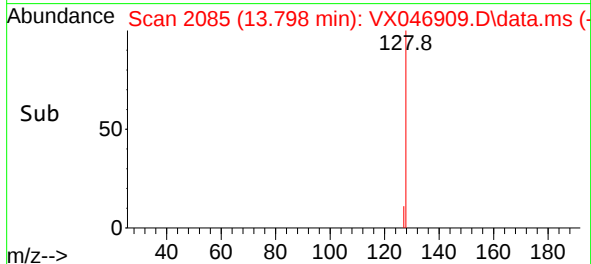
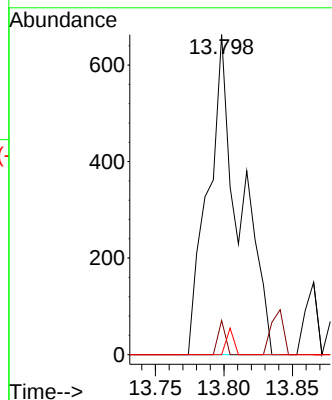
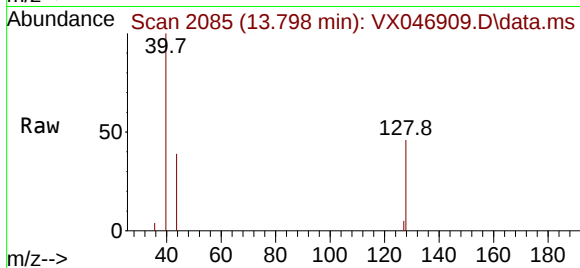




#95
Naphthalene
Concen: 0.051 ug/l
RT: 13.798 min Scan# 2085
Delta R.T. 0.024 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Instrument :
MSVOA_X
ClientSampleId :
VX0708WBL01

Tgt Ion:128 Resp: 1062
Ion Ratio Lower Upper
128 100
127 2.4 10.2 15.4#
129 1.9 8.6 13.0#



#96
1,2,3-Trichlorobenzene
Concen: 0.071 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.006 min
Lab File: VX046909.D
Acq: 08 Jul 2025 10:04

Tgt Ion:180 Resp: 534
Ion Ratio Lower Upper
180 100
182 100.4 46.7 140.1
145 30.7 16.8 50.3

