

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080525\
 Data File : VR026709.D
 Acq On : 5 Aug 2025 12:43
 Operator : SY/MD
 Sample : MDL03
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 06 01:22:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.292	168	440344	50.000	ug/l	-0.01
33) 1,4-Difluorobenzene	8.322	114	805343	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.531	117	605225	50.000	ug/l	-0.01
71) 1,4-Dichlorobenzene-d4	13.735	152	271002	50.000	ug/l	-0.01

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.680	65	286539	51.413	ug/l	-0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.820%	
34) Dibromofluoromethane	7.192	113	231415	46.458	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 92.920%	
49) Toluene-d8	10.029	98	929698	52.097	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.200%	
61) 4-Bromofluorobenzene	12.667	95	241530	47.585	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 95.180%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.663	85	7881	2.456	ug/l	87
3) Chloromethane	1.843	50	12639	2.649	ug/l	98
4) Vinyl Chloride	1.959	62	13180	2.704	ug/l	98
5) Bromomethane	2.289	94	4134	1.740	ug/l #	66
6) Chloroethane	2.424	64	7957	2.535	ug/l #	85
7) Trichlorofluoromethane	2.706	101	28021	3.189	ug/l #	79
8) Diethyl Ether	3.072	74	7985	2.048	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.374	101	5447	1.149	ug/l #	9
10) Methyl Iodide	3.547	142	4739	1.036	ug/l #	53
11) Tert butyl alcohol	4.327	59	3658	4.195	ug/l #	92
12) 1,1-Dichloroethene	3.348	96	7241	1.546	ug/l #	62
13) Acrolein	3.236	56	10729	8.417	ug/l #	42
14) Allyl chloride	3.881	41	13809	1.498	ug/l #	76
15) Acrylonitrile	4.471	53	22326	6.450	ug/l #	72
16) Acetone	3.444	43	53345	20.394	ug/l	92
17) Carbon Disulfide	3.637	76	5742	0.828	ug/l	97
18) Methyl Acetate	3.894	43	19986	1.831	ug/l #	66
19) Methyl tert-butyl Ether	4.548	73	43096	2.299	ug/l	96
20) Methylene Chloride	4.070	84	8909	1.435	ug/l	91
21) trans-1,2-Dichloroethene	4.516	96	12503	2.428	ug/l #	55
22) Diisopropyl ether	5.453	45	55909	2.589	ug/l	94
23) Vinyl Acetate	5.389	43	170261	13.828	ug/l #	90
24) 1,1-Dichloroethane	5.328	63	13064	1.195	ug/l #	92
25) 2-Butanone	6.371	43	67300	16.623	ug/l #	74
26) 2,2-Dichloropropane	6.323	77	3543	0.469	ug/l	86
27) cis-1,2-Dichloroethene	6.335	96	7088	1.070	ug/l	96
28) Bromochloromethane	6.733	49	12928	3.281	ug/l #	47
29) Chloroform	6.945	83	21390	2.258	ug/l	89
30) Cyclohexane	7.279	56	17401	1.970	ug/l #	56
31) 1,1,1-Trichloroethane	7.157	97	5471	0.800	ug/l #	50
35) 1,1-Dichloropropene	7.427	75	14421	2.295	ug/l #	80
36) Ethyl Acetate	6.470	43	7296	0.970	ug/l #	83
37) Carbon Tetrachloride	7.295	117	43169	8.435	ug/l #	22
38) Methylcyclohexane	8.880	83	11751	1.634	ug/l #	82
39) Benzene	7.696	78	52186	2.306	ug/l	91
40) Methacrylonitrile	6.721	41	8636	1.847	ug/l #	39

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) 1,2-Dichloroethane	7.786	62	16329	2.837	ug/l	85
42) Isopropyl Acetate	7.873	43	34019	2.812	ug/l #	61
43) Trichloroethene	8.595	130	7311	1.680	ug/l	72
44) 1,2-Dichloropropane	8.915	63	13256	2.475	ug/l #	85
45) Dibromomethane	9.012	93	7363	2.472	ug/l #	83
46) Bromodichloromethane	9.240	83	13464	2.333	ug/l #	74
47) Methyl methacrylate	9.025	41	13909	2.627	ug/l	95
48) 1,4-Dioxane	9.018	88	2115	24.800	ug/l #	82
50) 4-Methyl-2-Pentanone	9.910	43	87738	13.893	ug/l	96
51) Toluene	10.103	92	29096	2.519	ug/l	97
52) t-1,3-Dichloropropene	10.356	75	9820	1.736	ug/l	91
53) cis-1,3-Dichloropropene	9.734	75	5746	0.847	ug/l #	84
54) 1,1,2-Trichloroethane	10.562	97	12018	2.849	ug/l #	78
55) Ethyl methacrylate	10.436	69	17475	2.508	ug/l	95
56) 1,3-Dichloropropane	10.725	76	19599	2.727	ug/l #	75
57) 2-Chloroethyl Vinyl ether	9.586	63	6660	17.298	ug/l	91
58) 2-Hexanone	10.789	43	68160	16.010	ug/l	94
59) Dibromochloromethane	10.947	129	7118	1.994	ug/l	88
60) 1,2-Dibromoethane	11.065	107	10085	2.777	ug/l	84
63) Tetrachloroethene	10.645	164	8947	2.706	ug/l #	82
64) Chlorobenzene	11.556	112	31874	2.531	ug/l	98
65) 1,1,1,2-Tetrachloroethane	11.656	131	6742	1.960	ug/l #	60
66) Ethyl Benzene	11.656	91	46829	2.227	ug/l	96
67) m/p-Xylenes	11.781	106	37104	4.416	ug/l	98
68) o-Xylene	12.150	106	17421	2.136	ug/l	85
69) Styrene	12.169	104	29019	2.129	ug/l	100
70) Bromoform	12.346	173	4189	2.151	ug/l #	81
72) Isopropylbenzene	12.497	105	46185	2.391	ug/l	97
73) N-amyl acetate	12.291	43	18814	2.457	ug/l #	93
74) 1,1,2,2-Tetrachloroethane	12.785	83	17611	3.108	ug/l	69
75) 1,2,3-Trichloropropane	12.830	75	15413	3.431	ug/l #	100
76) Bromobenzene	12.801	156	6174	1.381	ug/l #	50
77) n-propylbenzene	12.888	91	54289	2.356	ug/l	99
78) 2-Chlorotoluene	12.978	91	31028	2.373	ug/l	95
79) 1,3,5-Trimethylbenzene	13.392	105	35208	2.331	ug/l	93
80) trans-1,4-Dichloro-2-b...	12.670	75	119811	77.681	ug/l #	16
81) 4-Chlorotoluene	13.087	91	33455	2.505	ug/l	72
82) tert-Butylbenzene	13.344	119	31100	2.264	ug/l	98
83) 1,2,4-Trimethylbenzene	13.392	105	35208	2.355	ug/l	97
84) sec-Butylbenzene	13.546	105	48196	2.365	ug/l	81
85) p-Isopropyltoluene	13.674	119	35028	2.109	ug/l	90
86) 1,3-Dichlorobenzene	13.754	146	26278	2.999	ug/l	95
87) 1,4-Dichlorobenzene	13.754	146	26278	2.987	ug/l	93
88) n-Butylbenzene	14.043	91	36286	2.370	ug/l	95
89) Hexachloroethane	14.342	117	3002	1.258	ug/l	87
90) 1,2-Dichlorobenzene	13.754	146	26278	3.193	ug/l	93
91) 1,2-Dibromo-3-Chloropr...	14.772	75	923	1.223	ug/l	68
92) 1,2,4-Trichlorobenzene	16.049	180	8774	1.783	ug/l	77
93) Hexachlorobutadiene	15.667	225	3018	1.887	ug/l #	49
94) Naphthalene	15.831	128	66977	4.441	ug/l #	85
95) 1,2,3-Trichlorobenzene	16.049	180	8774	1.878	ug/l	77

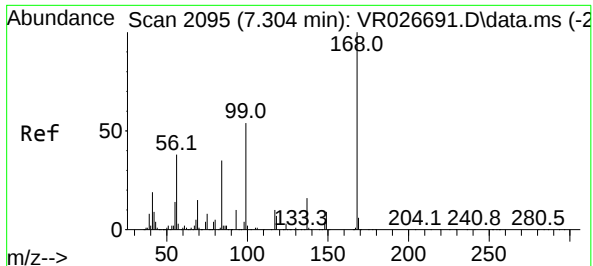
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

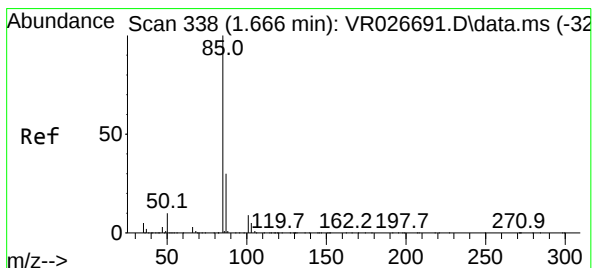
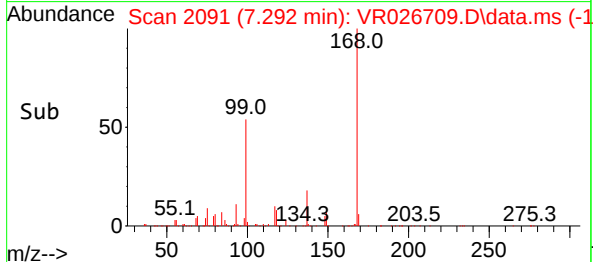
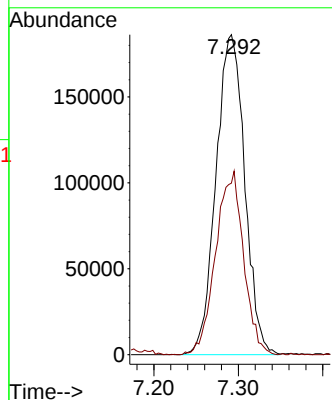
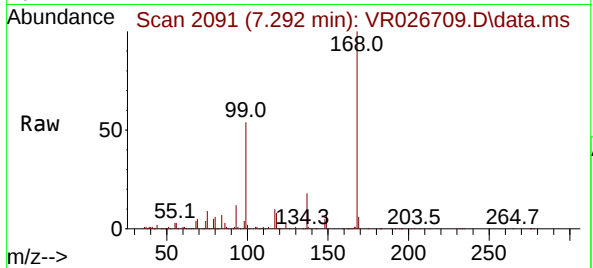
(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.292 min Scan# 2095
Delta R.T. -0.012 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

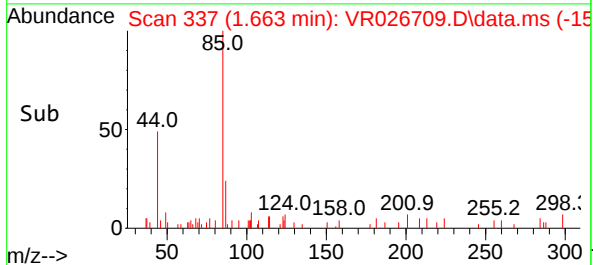
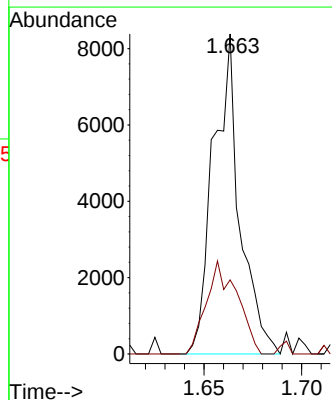
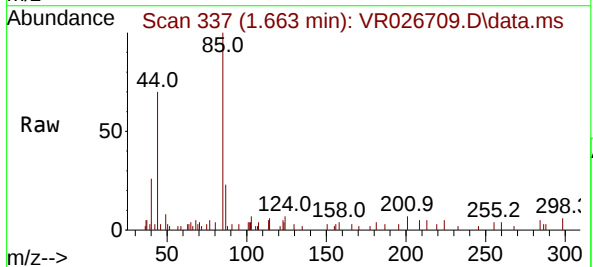
Instrument :
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ClientSampleId :

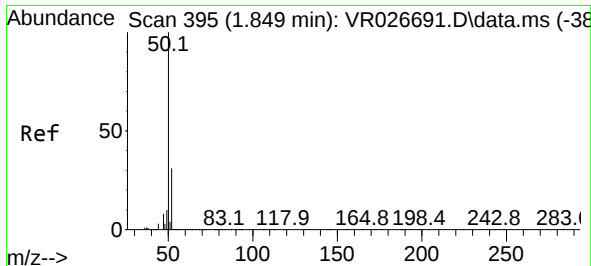
Tgt Ion:168 Resp: 440344
Ion Ratio Lower Upper
168 100
99 53.6 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 2.456 ug/l
RT: 1.663 min Scan# 337
Delta R.T. -0.003 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 85 Resp: 7881
Ion Ratio Lower Upper
85 100
87 23.1 15.2 45.5

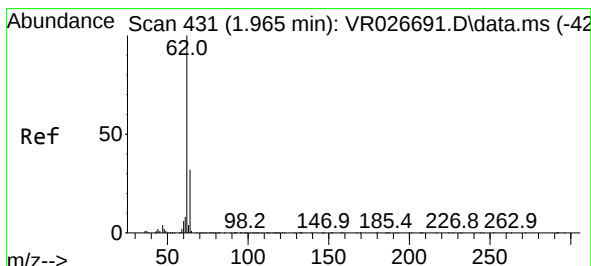
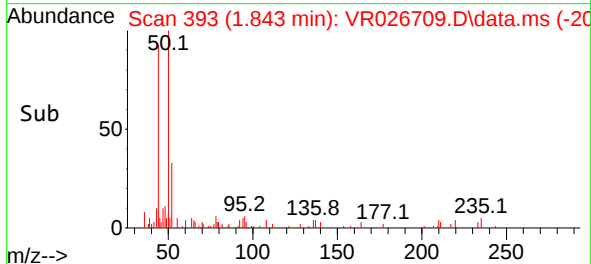
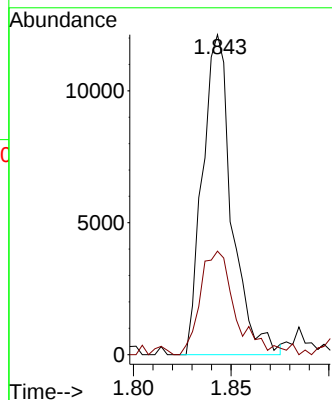
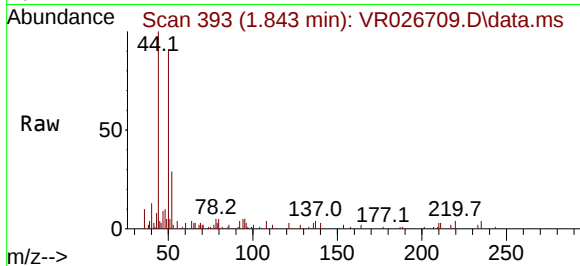




#3
Chloromethane
Concen: 2.649 ug/l
RT: 1.843 min Scan# 395
Delta R.T. -0.006 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

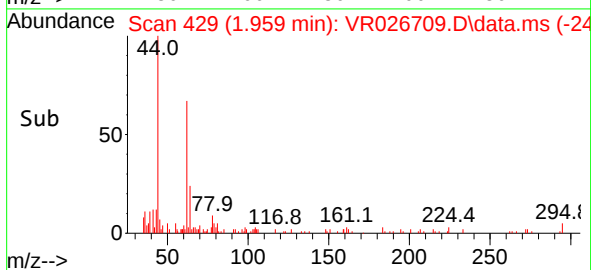
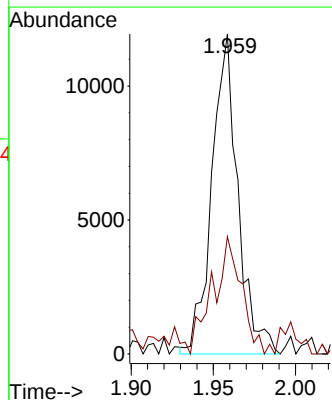
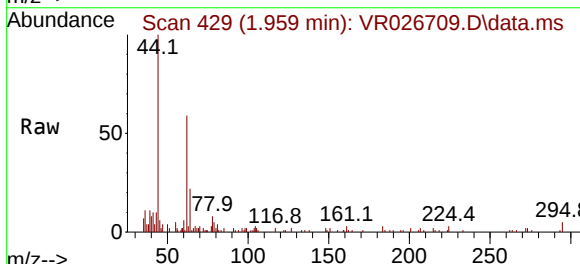
Instrument :
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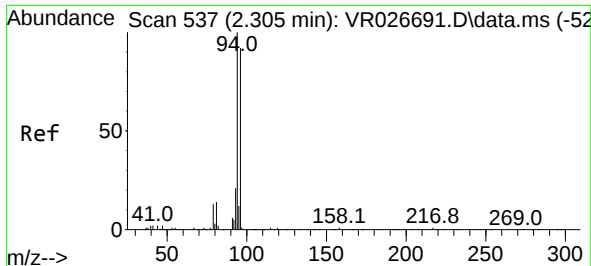
Tgt Ion: 50 Resp: 12639
Ion Ratio Lower Upper
50 100
52 32.3 25.0 37.4



#4
Vinyl Chloride
Concen: 2.704 ug/l
RT: 1.959 min Scan# 429
Delta R.T. -0.006 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 62 Resp: 13180
Ion Ratio Lower Upper
62 100
64 33.4 25.9 38.9

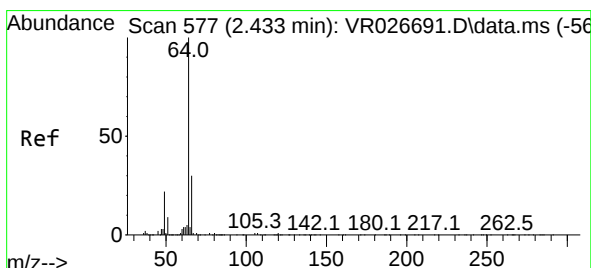
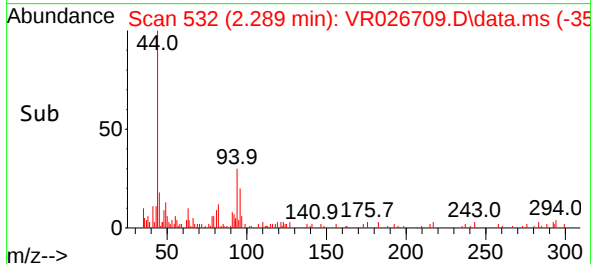
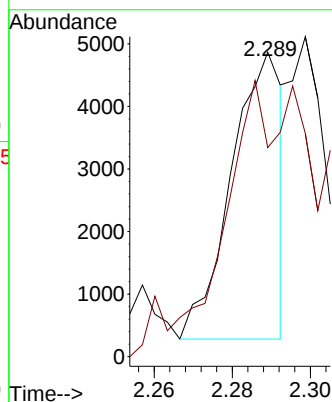
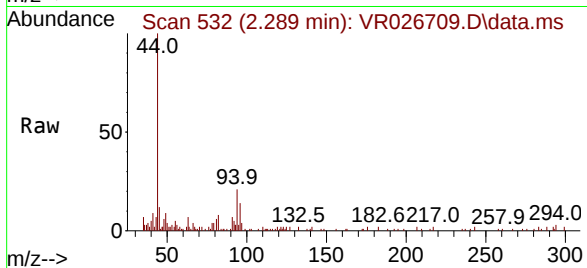




#5
Bromomethane
Concen: 1.740 ug/l
RT: 2.289 min Scan# 51
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

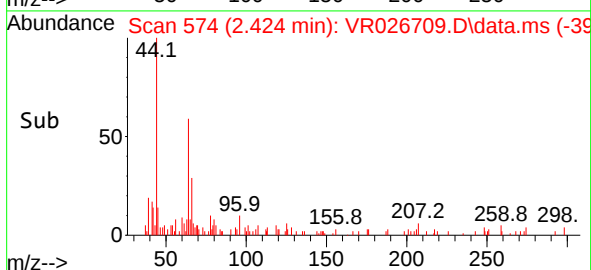
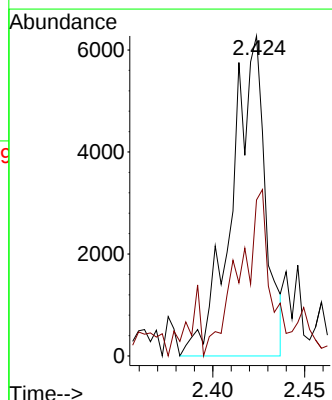
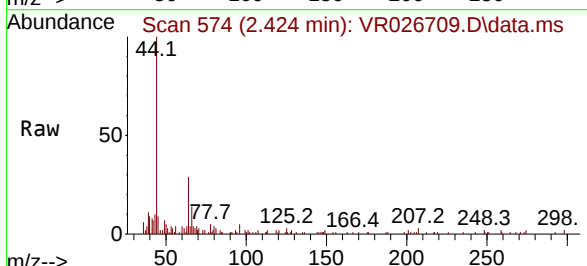
Instrument :
MSVOA_R
ClientSampleId :

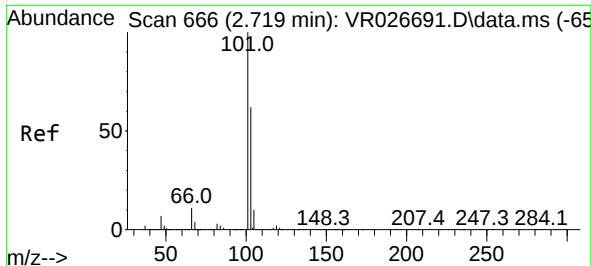
Tgt Ion: 94 Resp: 4134
Ion Ratio Lower Upper
94 100
96 59.2 73.3 109.9#



#6
Chloroethane
Concen: 2.535 ug/l
RT: 2.424 min Scan# 574
Delta R.T. -0.009 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 64 Resp: 7957
Ion Ratio Lower Upper
64 100
66 38.6 24.3 36.5#

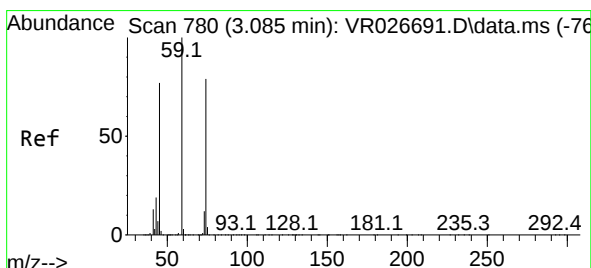
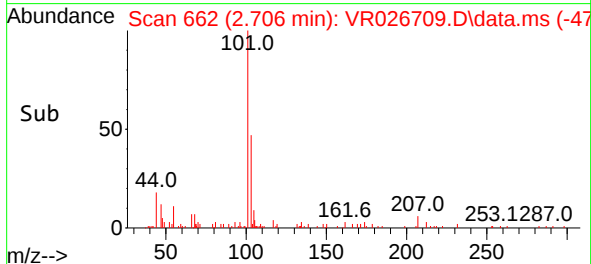
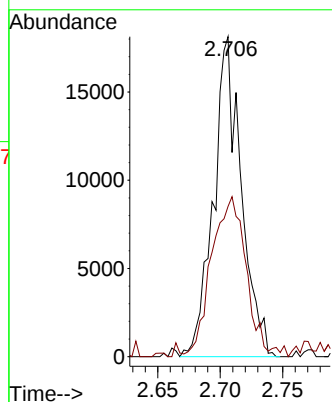
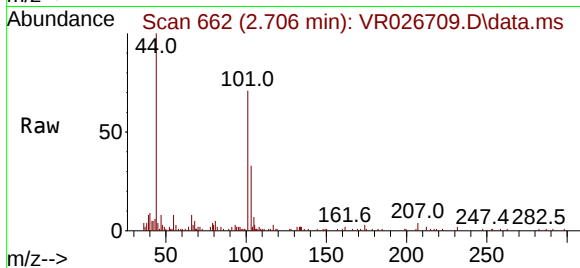




#7
 Trichlorofluoromethane
 Concen: 3.189 ug/l
 RT: 2.706 min Scan# 60
 Delta R.T. -0.013 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

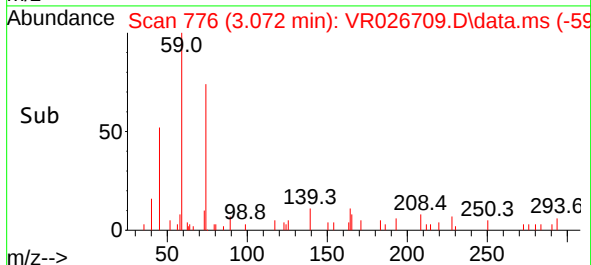
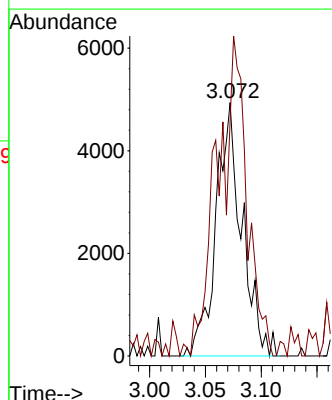
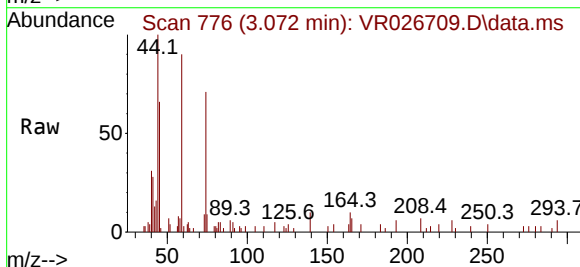
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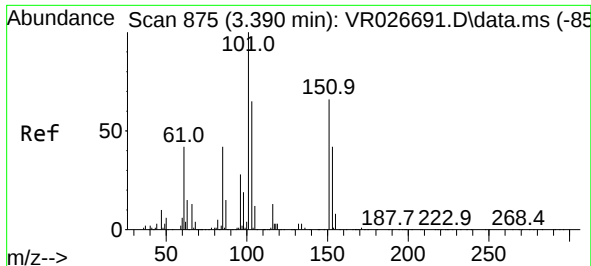
Tgt Ion:101 Resp: 28021
 Ion Ratio Lower Upper
 101 100
 103 45.8 49.4 74.2#



#8
 Diethyl Ether
 Concen: 2.048 ug/l
 RT: 3.072 min Scan# 776
 Delta R.T. -0.013 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

Tgt Ion: 74 Resp: 7985
 Ion Ratio Lower Upper
 74 100
 45 83.8 47.1 141.3

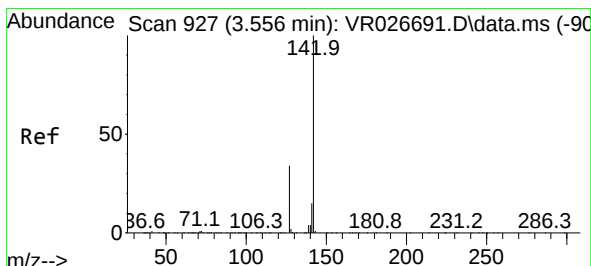
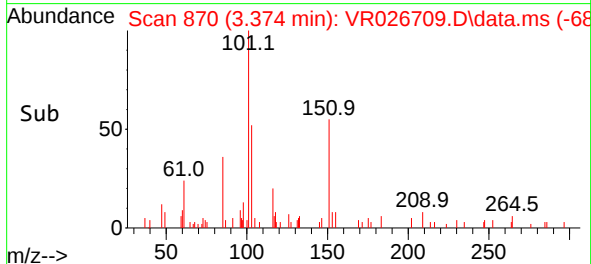
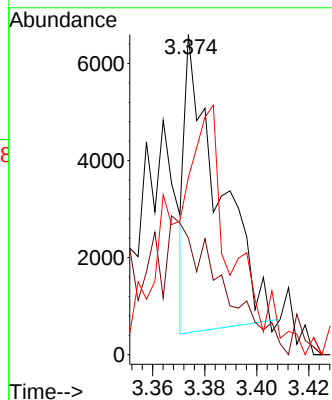
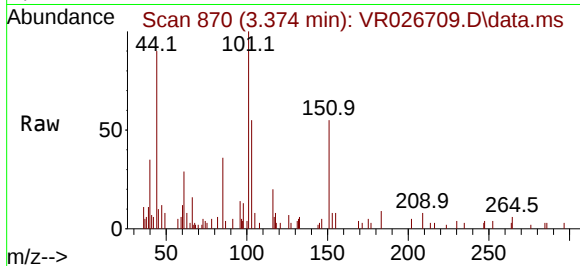




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.149 ug/l
RT: 3.374 min Scan# 81
Delta R.T. -0.016 min
Lab File: VR026709.D
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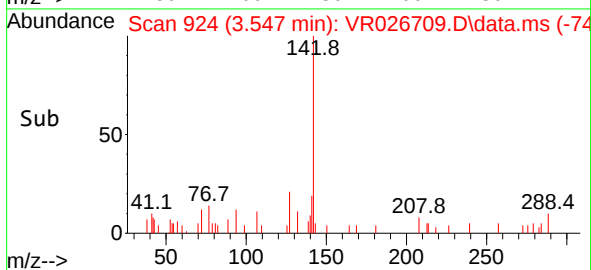
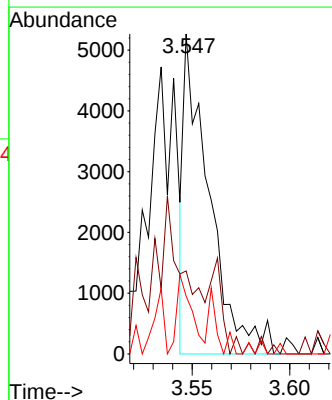
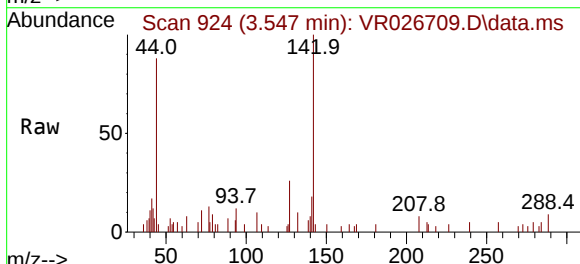
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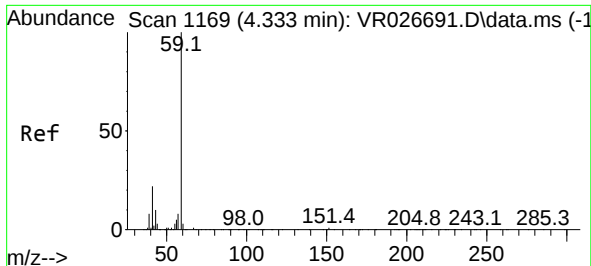
Tgt Ion:101 Resp: 5447
Ion Ratio Lower Upper
101 100
85 0.0 34.5 51.7#
151 151.3 53.4 80.0#



#10
Methyl Iodide
Concen: 1.036 ug/l
RT: 3.547 min Scan# 924
Delta R.T. -0.010 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion:142 Resp: 4739
Ion Ratio Lower Upper
142 100
127 0.0 30.1 45.1#
141 14.8 10.8 16.2

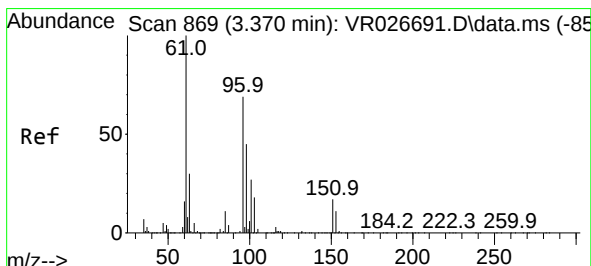
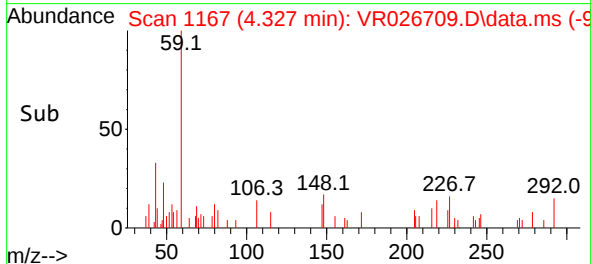
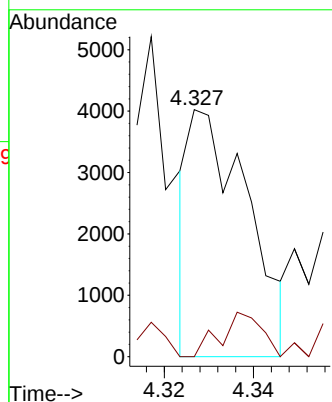
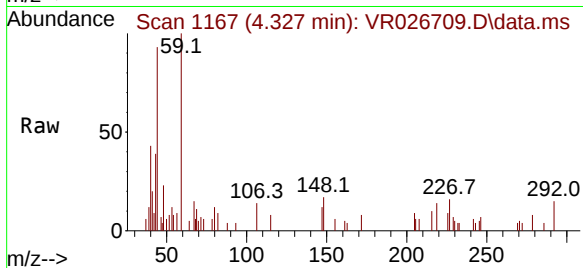




#11
Tert butyl alcohol
Concen: 4.195 ug/l
RT: 4.327 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

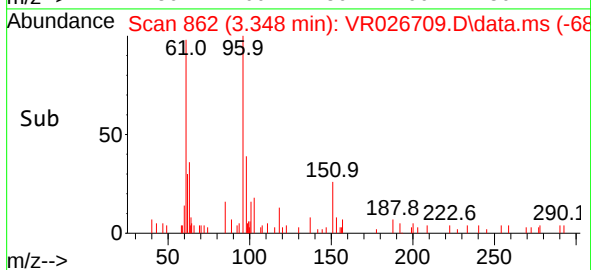
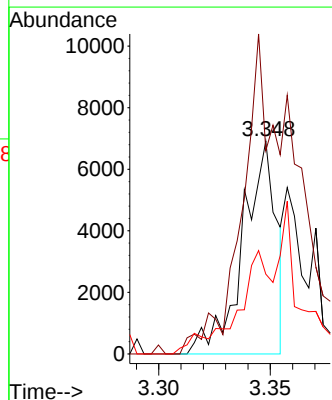
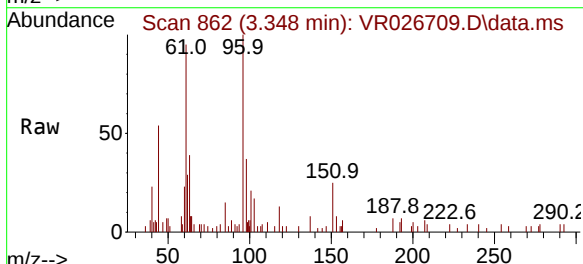
Instrument :
MSVOA_R
ClientSampleId :

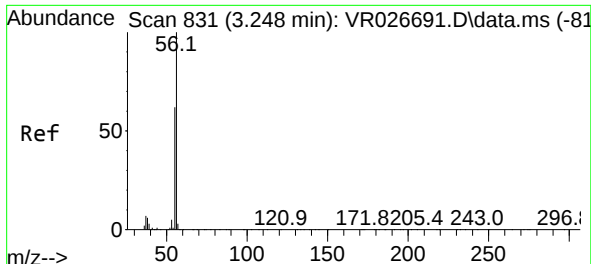
Tgt Ion: 59 Resp: 3658
Ion Ratio Lower Upper
59 100
57 12.4 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 1.546 ug/l
RT: 3.348 min Scan# 862
Delta R.T. -0.022 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

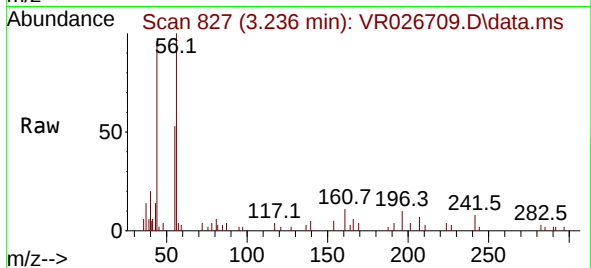
Tgt Ion: 96 Resp: 7241
Ion Ratio Lower Upper
96 100
61 95.5 116.2 174.4#
98 39.6 52.3 78.5#



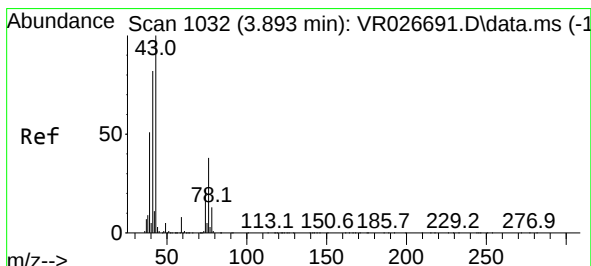
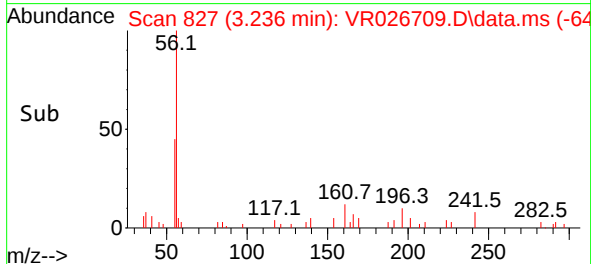
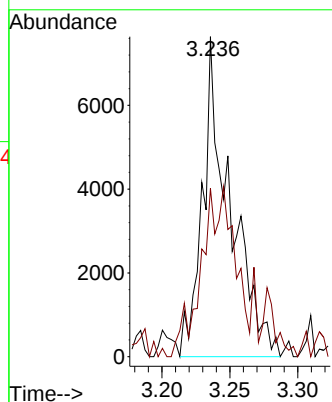


#13
Acrolein
Concen: 8.417 ug/l
RT: 3.236 min Scan# 81
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Instrument :
MSVOA_R
ClientSampleId :

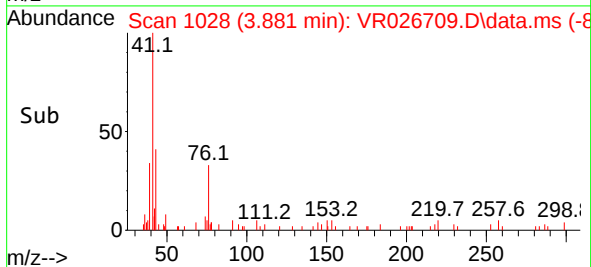
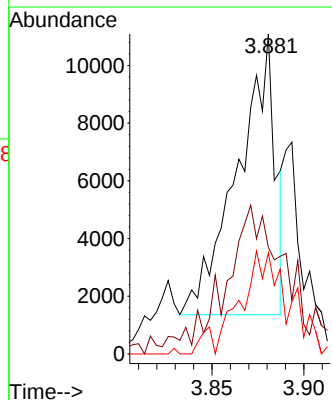
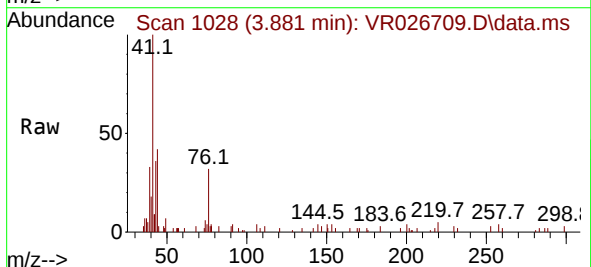


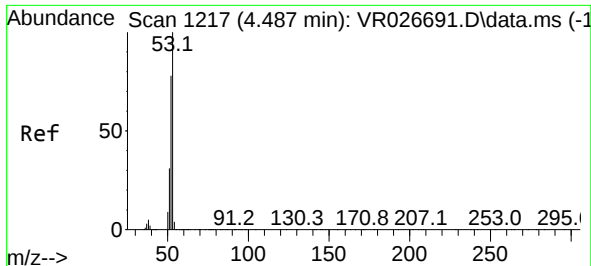
Tgt Ion: 56 Resp: 10729
Ion Ratio Lower Upper
56 100
55 20.6 53.8 80.8#



#14
Allyl chloride
Concen: 1.498 ug/l
RT: 3.881 min Scan# 1028
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 41 Resp: 13809
Ion Ratio Lower Upper
41 100
39 78.8 44.2 66.2#
76 45.7 31.0 46.4





#15

Acrylonitrile

Concen: 6.450 ug/l

RT: 4.471 min Scan# 1

Delta R.T. -0.016 min

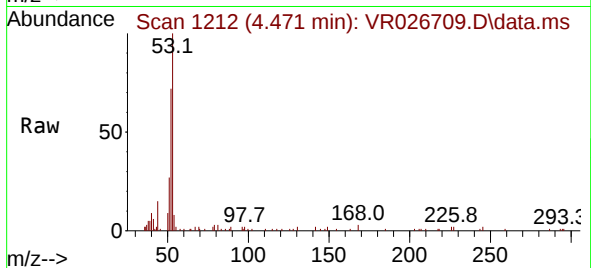
Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :



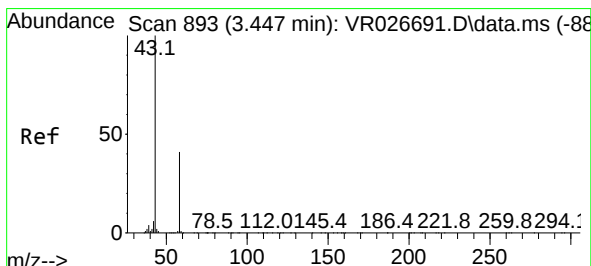
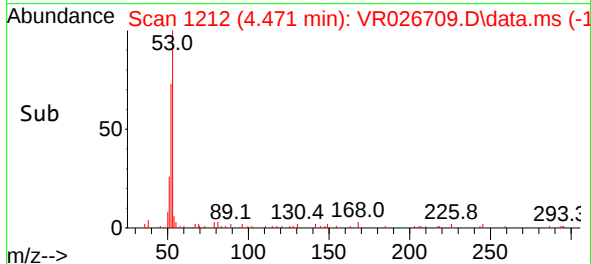
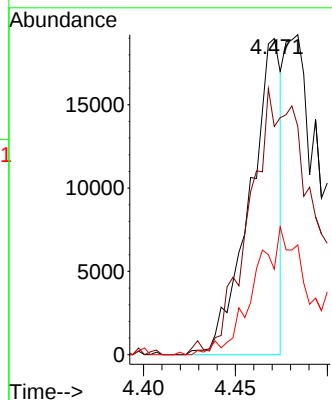
Tgt Ion: 53 Resp: 22326

Ion Ratio Lower Upper

53 100

52 82.2 61.4 92.2

51 76.6 25.8 38.6#



#16

Acetone

Concen: 20.394 ug/l

RT: 3.444 min Scan# 892

Delta R.T. -0.003 min

Lab File: VR026709.D

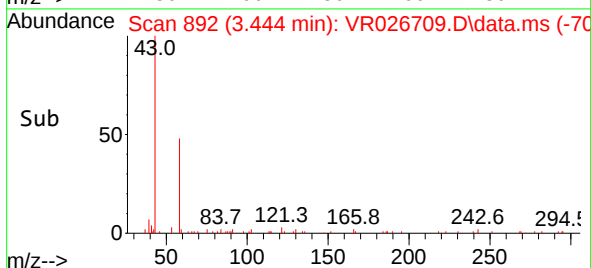
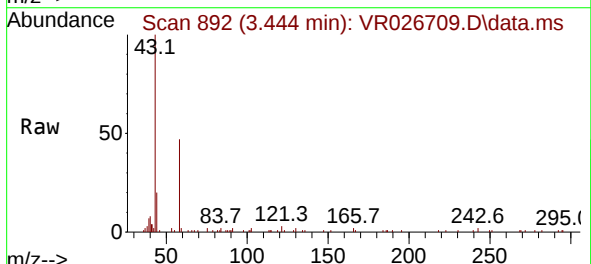
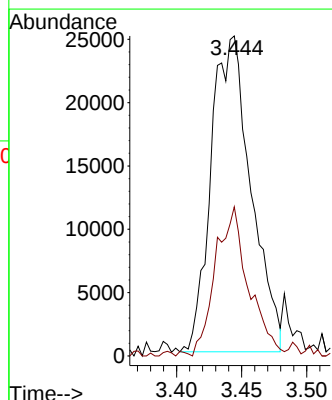
Acq: 5 Aug 2025 12:43

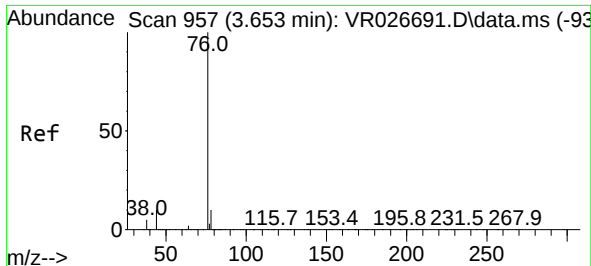
Tgt Ion: 43 Resp: 53345

Ion Ratio Lower Upper

43 100

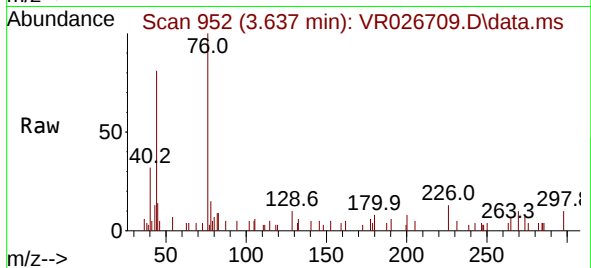
58 45.8 32.9 49.3



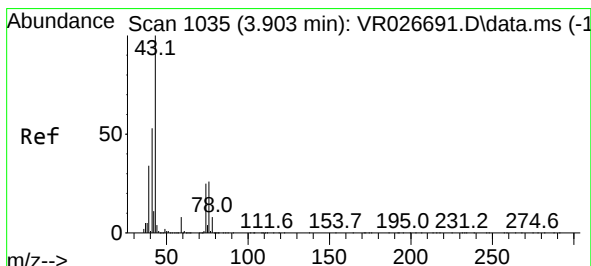
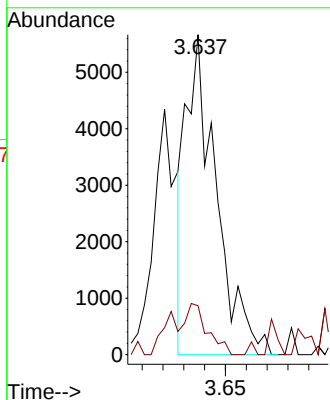
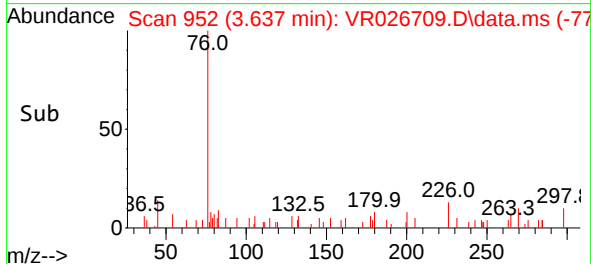


#17
Carbon Disulfide
Concen: 0.828 ug/l
RT: 3.637 min Scan# 91
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Instrument :
MSVOA_R
ClientSampleId :

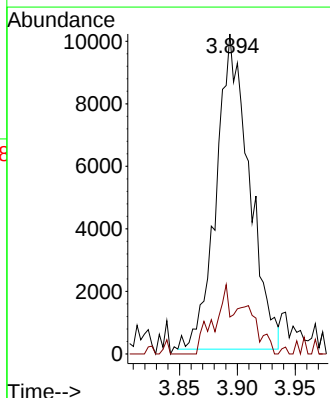
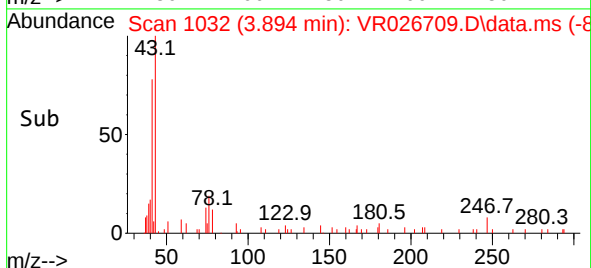
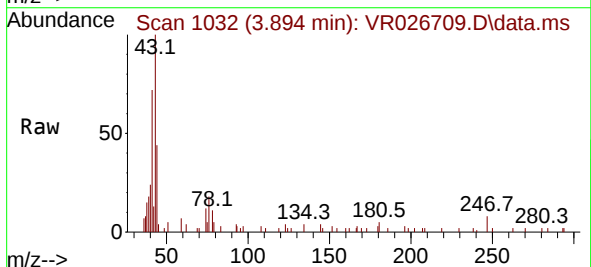


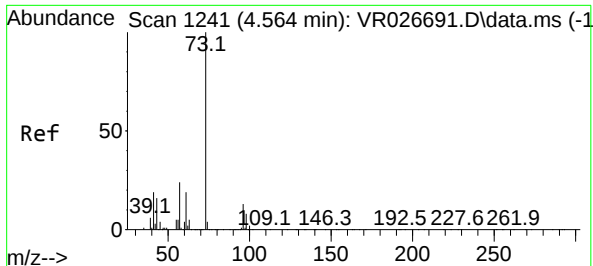
Tgt Ion: 76 Resp: 5742
Ion Ratio Lower Upper
76 100
78 10.7 7.8 11.6



#18
Methyl Acetate
Concen: 1.831 ug/l
RT: 3.894 min Scan# 1032
Delta R.T. -0.010 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 43 Resp: 19986
Ion Ratio Lower Upper
43 100
74 7.2 19.4 29.0#

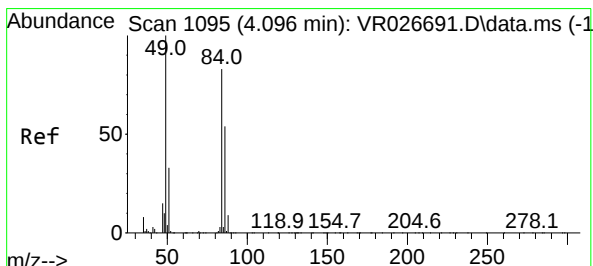
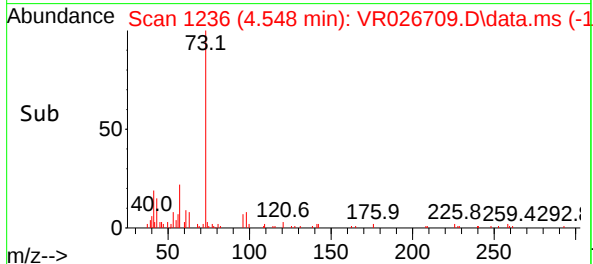
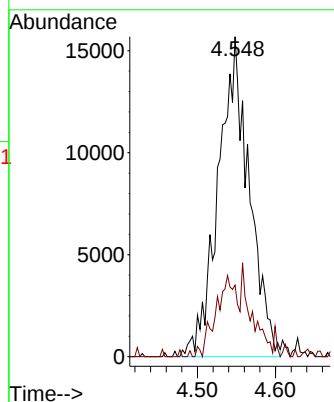
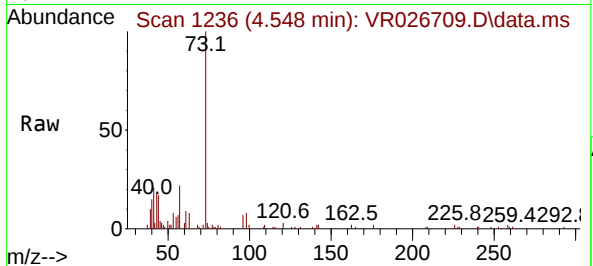




#19
Methyl tert-butyl Ether
Concen: 2.299 ug/l
RT: 4.548 min Scan# 11
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

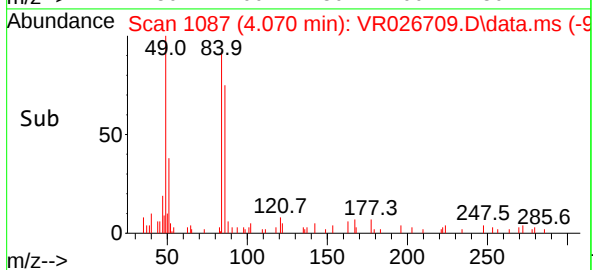
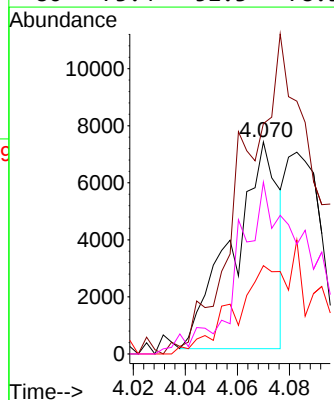
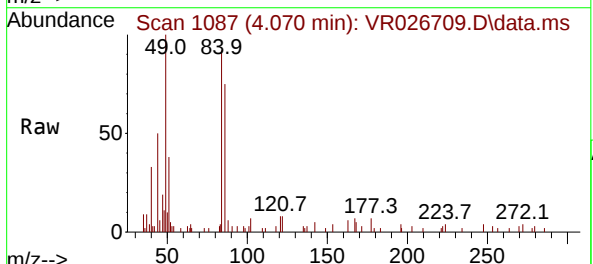
Instrument :
MSVOA_R
ClientSampleId :

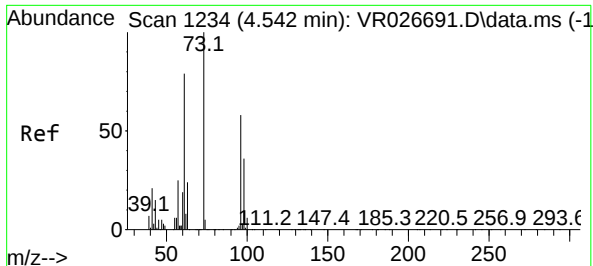
Tgt Ion: 73 Resp: 43096
Ion Ratio Lower Upper
73 100
57 22.3 19.4 29.0



#20
Methylene Chloride
Concen: 1.435 ug/l
RT: 4.070 min Scan# 1087
Delta R.T. -0.026 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 84 Resp: 8909
Ion Ratio Lower Upper
84 100
49 107.8 96.2 144.4
51 39.2 31.8 47.6
86 73.4 52.3 78.5

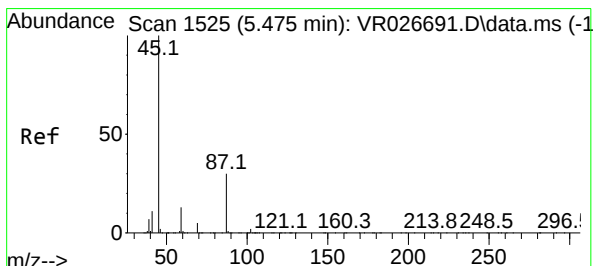
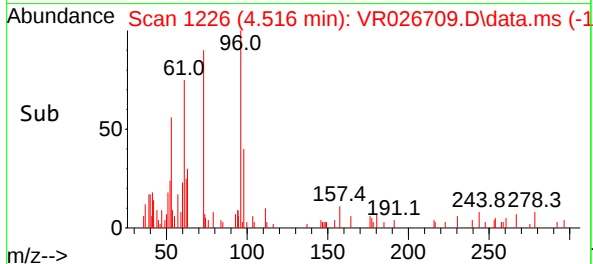
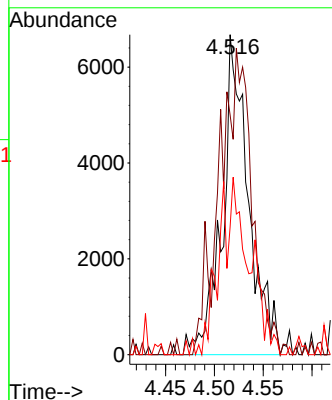
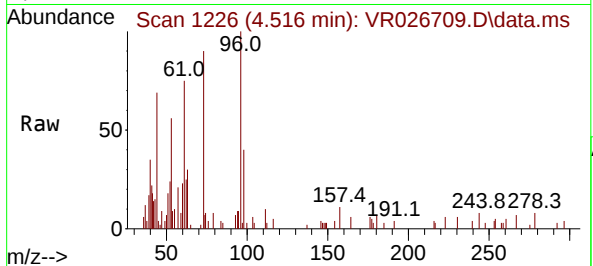




#21
trans-1,2-Dichloroethene
Concen: 2.428 ug/l
RT: 4.516 min Scan# 1518
Delta R.T. -0.026 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

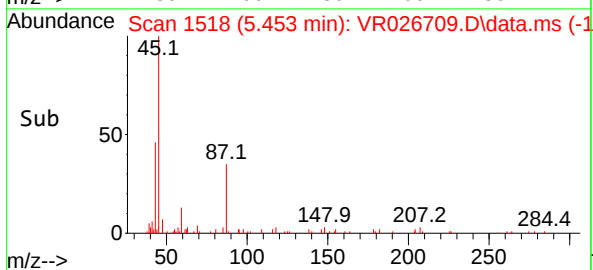
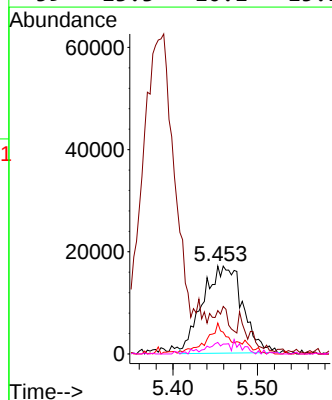
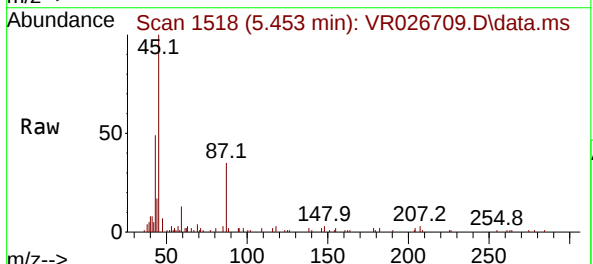
Instrument :
MSVOA_R
ClientSampleId :

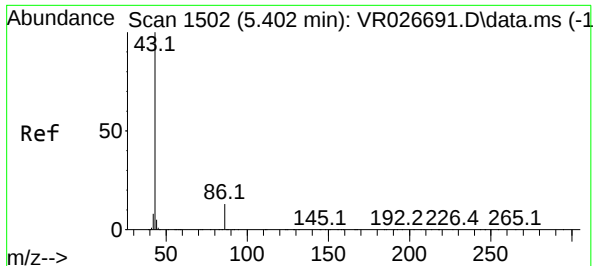
Tgt Ion: 96 Resp: 12503
Ion Ratio Lower Upper
96 100
61 74.9 110.3 165.5#
98 40.0 50.2 75.4#



#22
Diisopropyl ether
Concen: 2.589 ug/l
RT: 5.453 min Scan# 1518
Delta R.T. -0.022 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 45 Resp: 55909
Ion Ratio Lower Upper
45 100
43 44.7 38.2 57.2
87 35.8 24.0 36.0
59 13.3 10.1 15.1

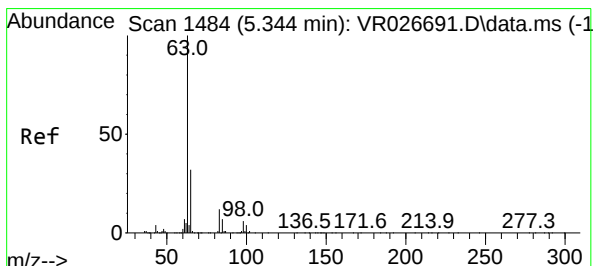
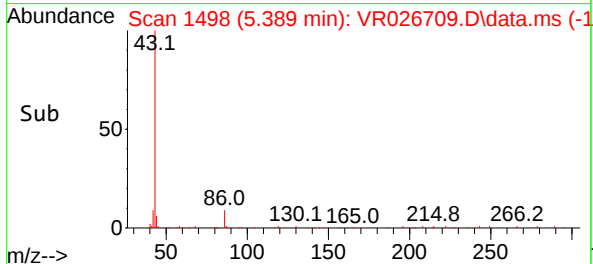
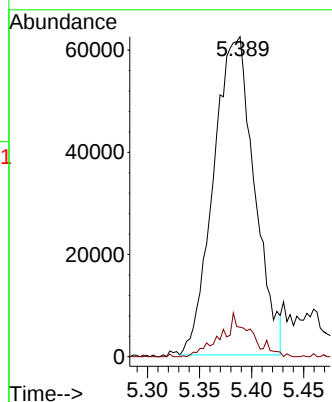
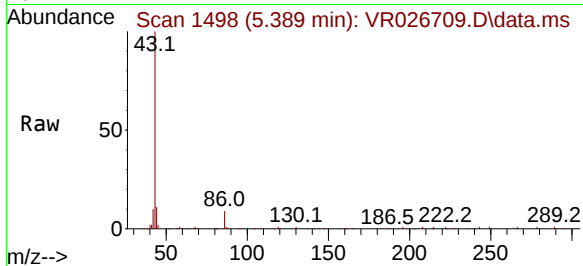




#23
 Vinyl Acetate
 Concen: 13.828 ug/l
 RT: 5.389 min Scan# 1498
 Delta R.T. -0.013 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

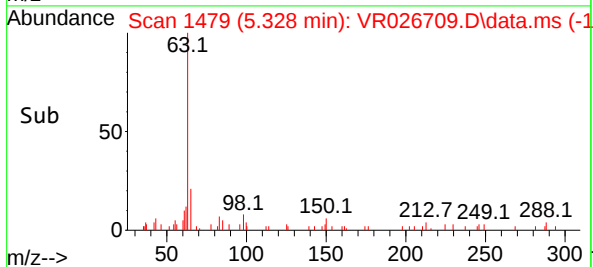
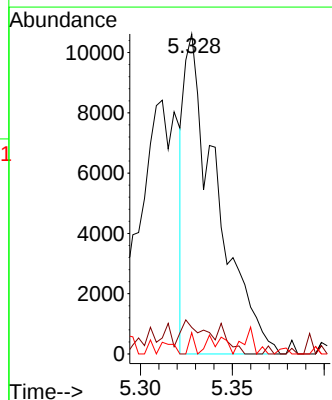
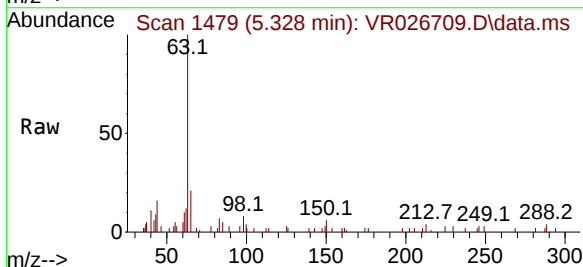
Instrument :
 MSVOA_R
 ClientSampleId :

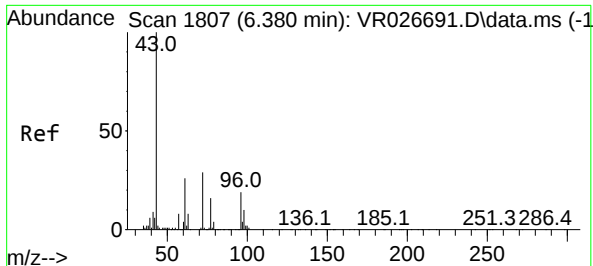
Tgt Ion: 43 Resp: 170261
 Ion Ratio Lower Upper
 43 100
 86 9.2 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 1.195 ug/l
 RT: 5.328 min Scan# 1479
 Delta R.T. -0.016 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

Tgt Ion: 63 Resp: 13064
 Ion Ratio Lower Upper
 63 100
 98 8.3 2.9 8.8
 100 6.7 1.8 5.4#





#25

2-Butanone

Concen: 16.623 ug/l

RT: 6.371 min Scan# 1789

Delta R.T. -0.010 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

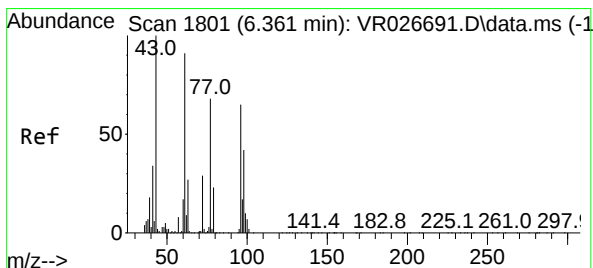
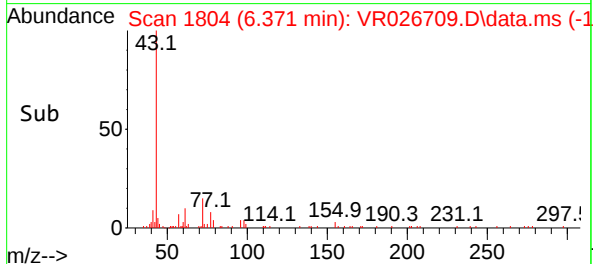
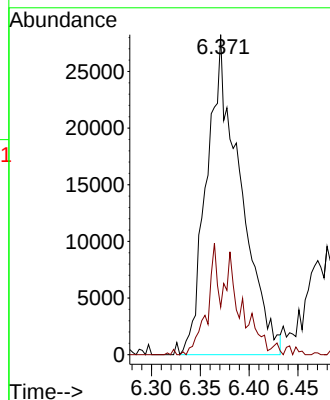
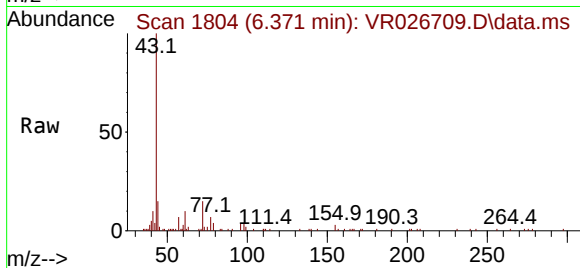
ClientSampleId :

Tgt Ion: 43 Resp: 67300

Ion Ratio Lower Upper

43 100

72 14.9 23.1 34.7#



#26

2,2-Dichloropropane

Concen: 0.469 ug/l

RT: 6.323 min Scan# 1789

Delta R.T. -0.038 min

Lab File: VR026709.D

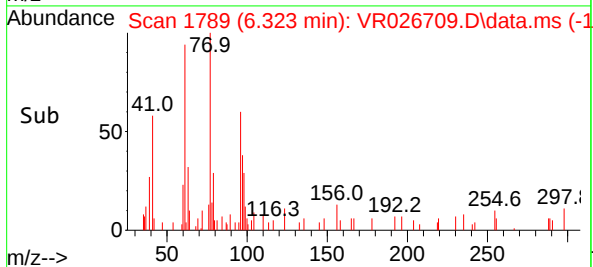
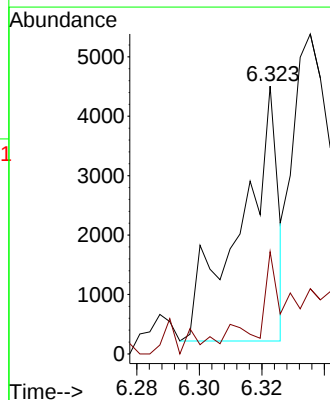
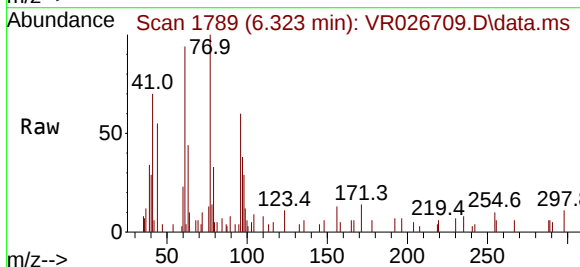
Acq: 5 Aug 2025 12:43

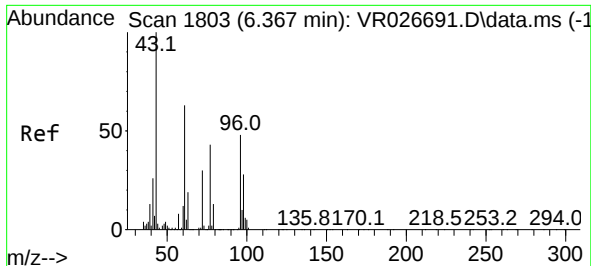
Tgt Ion: 77 Resp: 3543

Ion Ratio Lower Upper

77 100

97 17.3 12.3 36.8

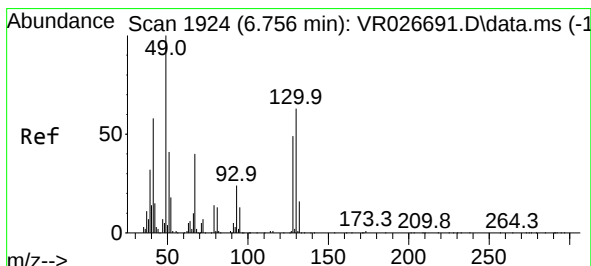
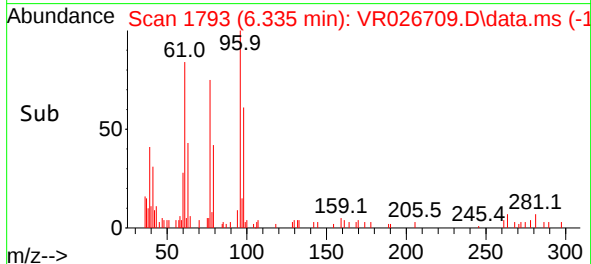
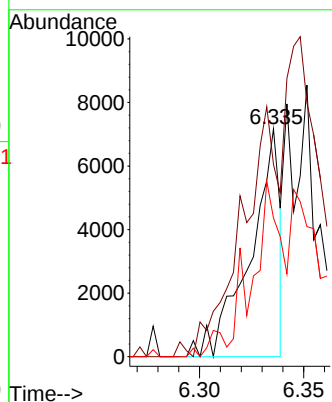
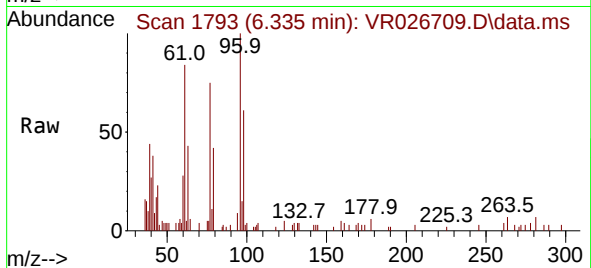




#27
 cis-1,2-Dichloroethene
 Concen: 1.070 ug/l
 RT: 6.335 min Scan# 11
 Delta R.T. -0.032 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

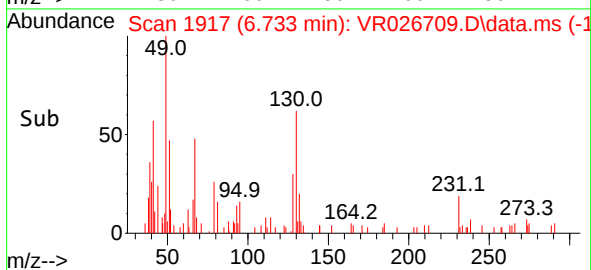
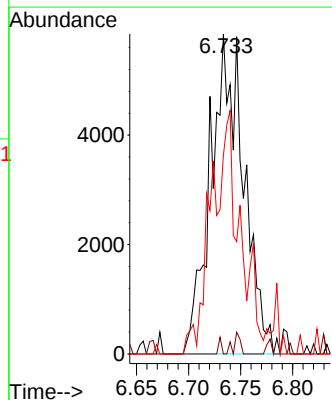
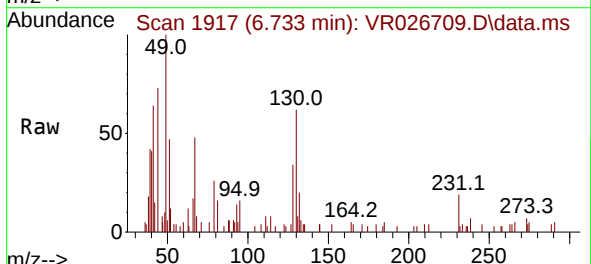
Instrument :
 MSVOA_R
 ClientSampleId :

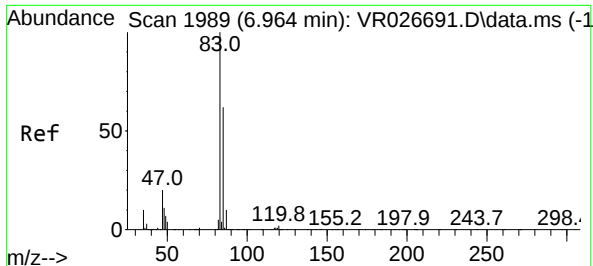
Tgt Ion: 96 Resp: 7088
 Ion Ratio Lower Upper
 96 100
 61 135.8 0.0 279.8
 98 58.5 0.0 125.2



#28
 Bromochloromethane
 Concen: 3.281 ug/l
 RT: 6.733 min Scan# 1917
 Delta R.T. -0.022 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

Tgt Ion: 49 Resp: 12928
 Ion Ratio Lower Upper
 49 100
 129 0.5 0.0 3.4
 130 22.2 52.2 78.4#





#29

Chloroform

Concen: 2.258 ug/l

RT: 6.945 min Scan# 1989

Delta R.T. -0.019 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

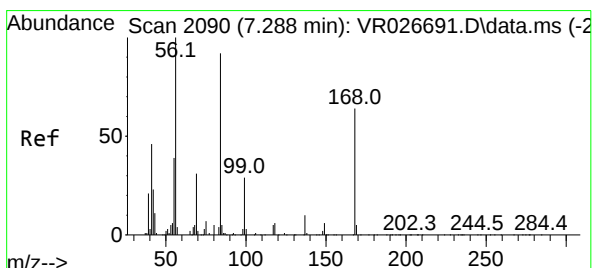
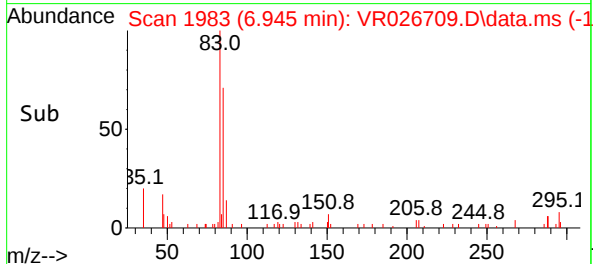
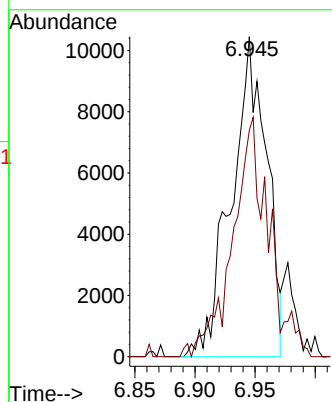
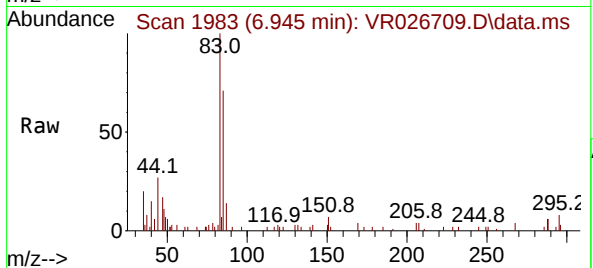
ClientSampleId :

Tgt Ion: 83 Resp: 21390

Ion Ratio Lower Upper

83 100

85 70.7 49.6 74.4



#30

Cyclohexane

Concen: 1.970 ug/l

RT: 7.279 min Scan# 2087

Delta R.T. -0.010 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

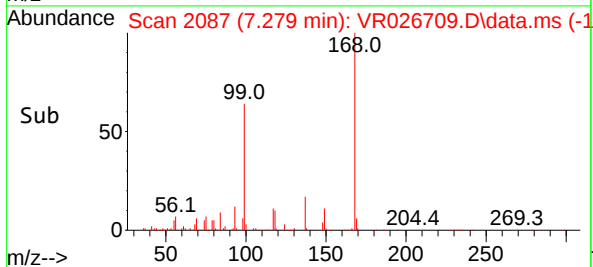
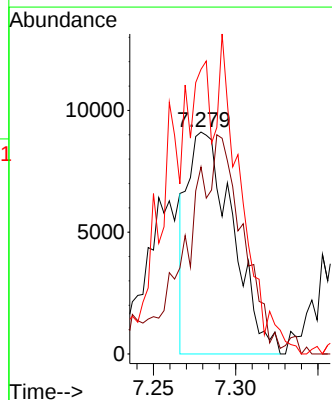
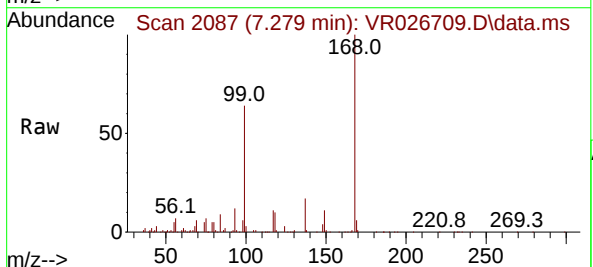
Tgt Ion: 56 Resp: 17401

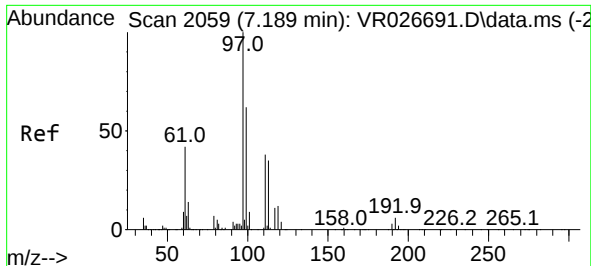
Ion Ratio Lower Upper

56 100

69 81.7 24.8 37.2#

84 117.6 73.1 109.7#

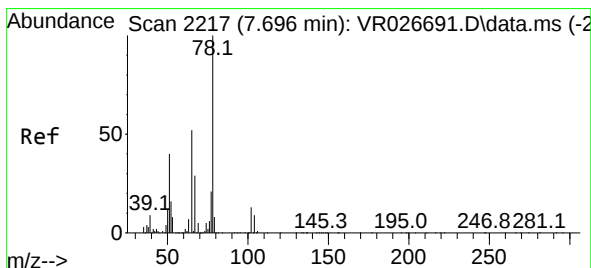
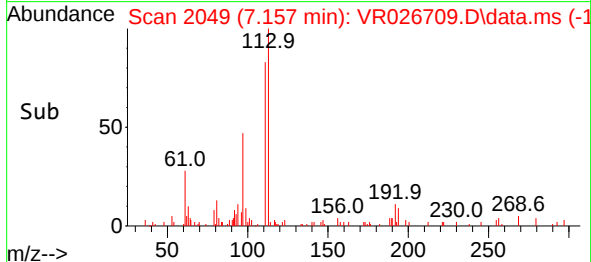
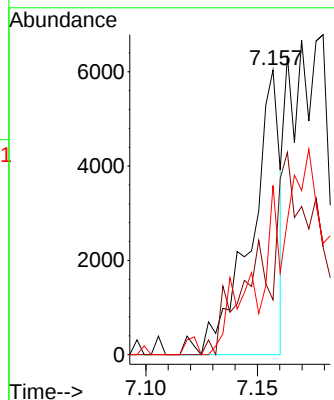
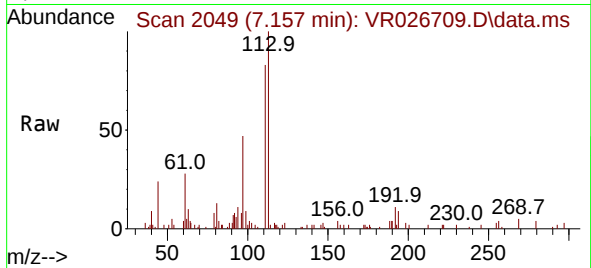




#31
 1,1,1-Trichloroethane
 Concen: 0.800 ug/l
 RT: 7.157 min Scan# 2049
 Delta R.T. -0.032 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

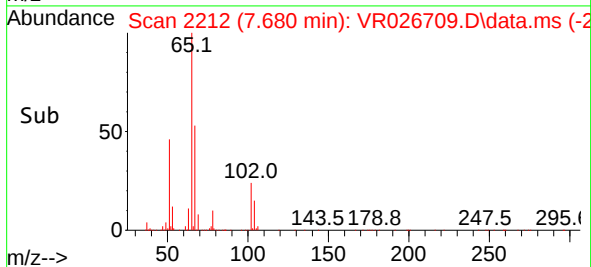
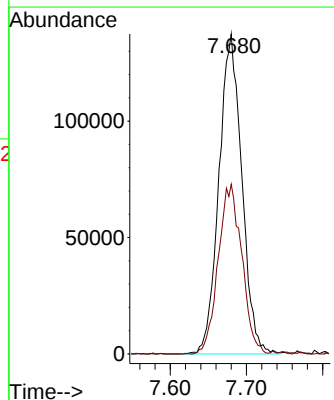
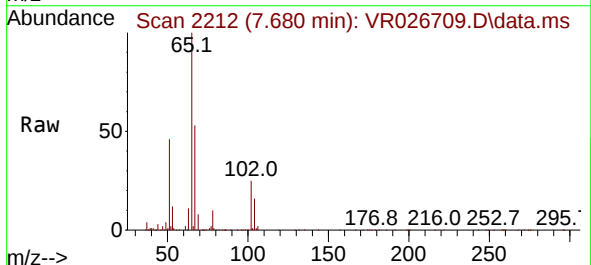
Instrument :
 MSVOA_R
 ClientSampleId :

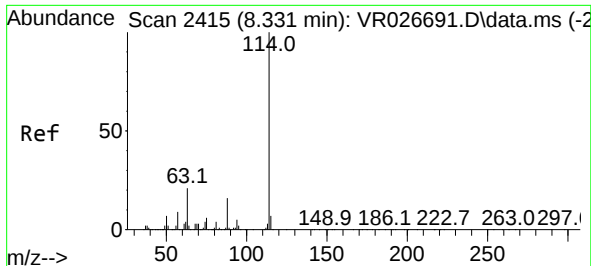
Tgt Ion: 97 Resp: 5471
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.0 76.6#
 61 49.1 36.3 54.5



#32
 1,2-Dichloroethane-d4
 Concen: 51.413 ug/l
 RT: 7.680 min Scan# 2212
 Delta R.T. -0.016 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

Tgt Ion: 65 Resp: 286539
 Ion Ratio Lower Upper
 65 100
 67 54.6 0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.322 min Scan# 2415

Delta R.T. -0.010 min

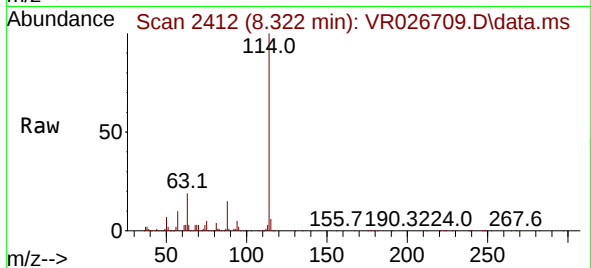
Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :



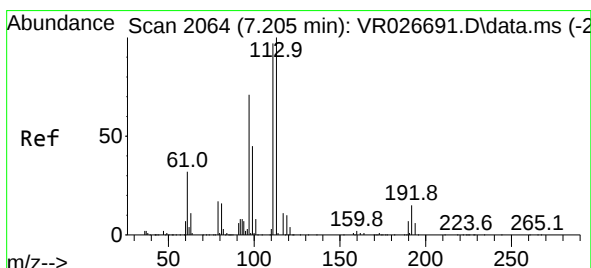
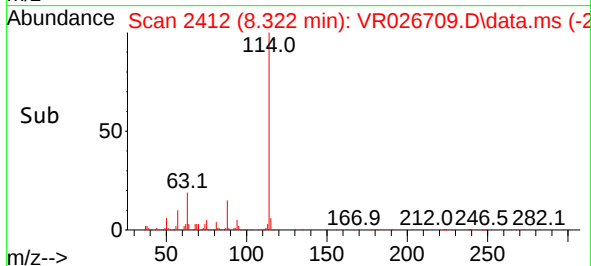
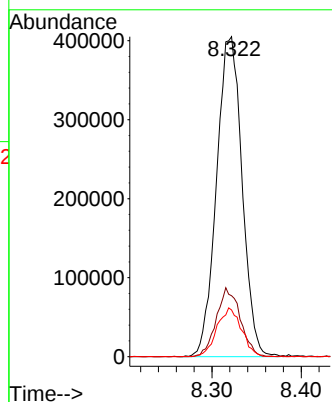
Tgt Ion:114 Resp: 805343

Ion Ratio Lower Upper

114 100

63 19.0 0.0 41.6

88 14.6 0.0 32.6



#34

Dibromofluoromethane

Concen: 46.458 ug/l

RT: 7.192 min Scan# 2060

Delta R.T. -0.013 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

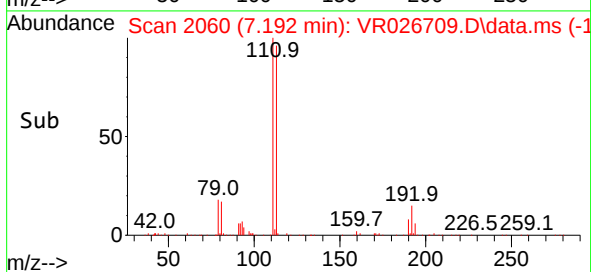
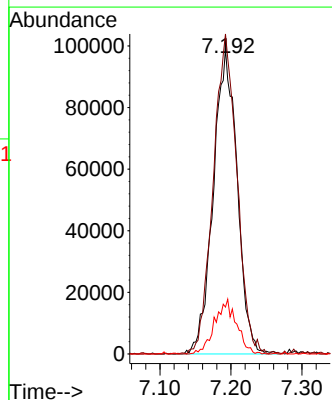
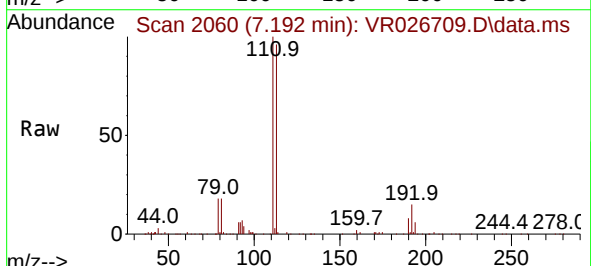
Tgt Ion:113 Resp: 231415

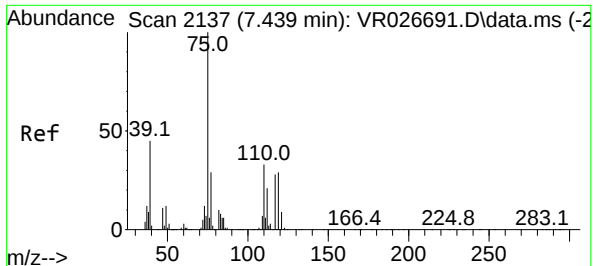
Ion Ratio Lower Upper

113 100

111 103.9 81.7 122.5

192 16.3 12.3 18.5

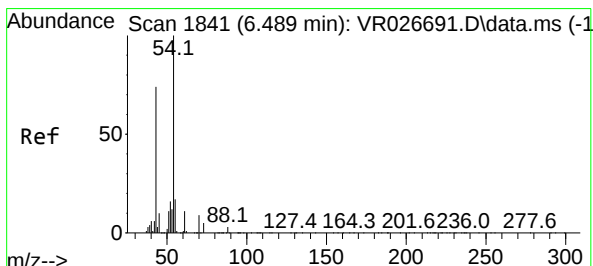
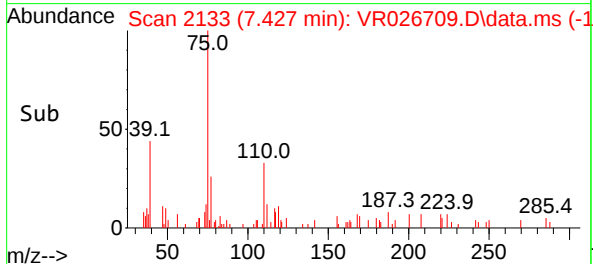
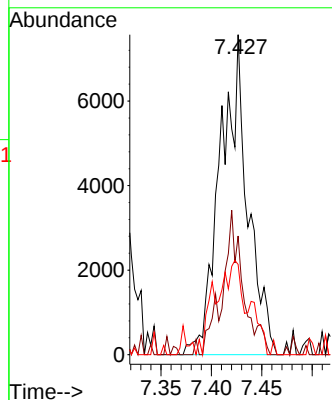
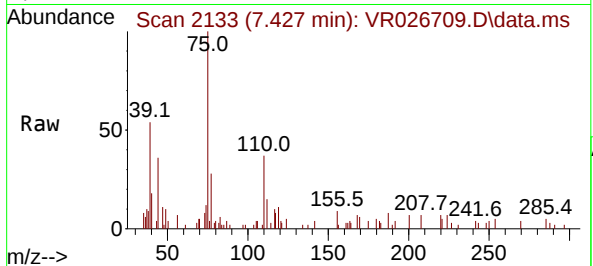




#35
1,1-Dichloropropene
Concen: 2.295 ug/l
RT: 7.427 min Scan# 2137
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

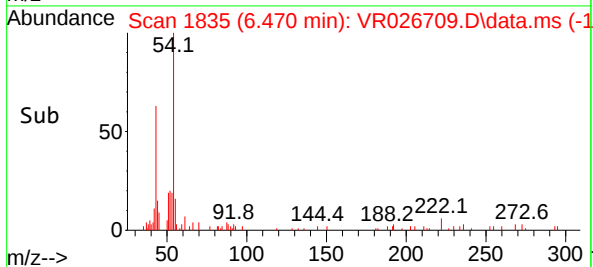
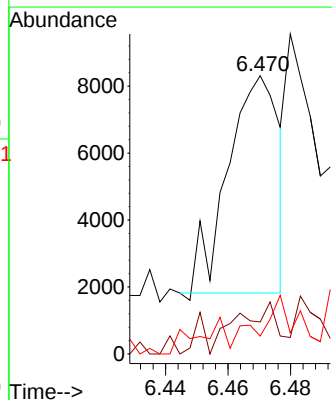
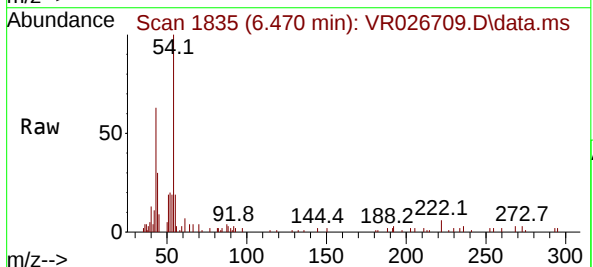
Instrument :
MSVOA_R
ClientSampleId :

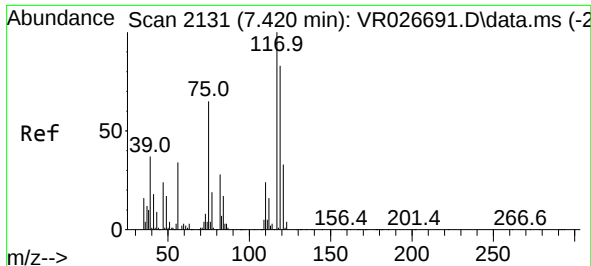
Tgt Ion: 75 Resp: 14421
Ion Ratio Lower Upper
75 100
110 31.2 17.0 50.9
77 10.3 24.6 37.0#



#36
Ethyl Acetate
Concen: 0.970 ug/l
RT: 6.470 min Scan# 1835
Delta R.T. -0.019 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

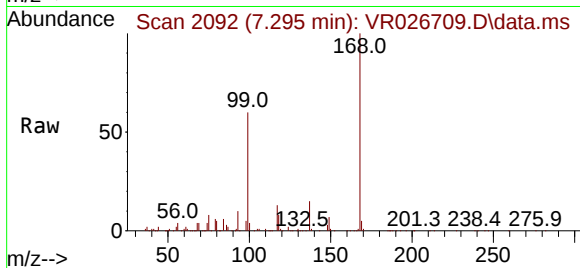
Tgt Ion: 43 Resp: 7296
Ion Ratio Lower Upper
43 100
61 19.5 12.0 18.0#
70 20.7 9.0 13.6#



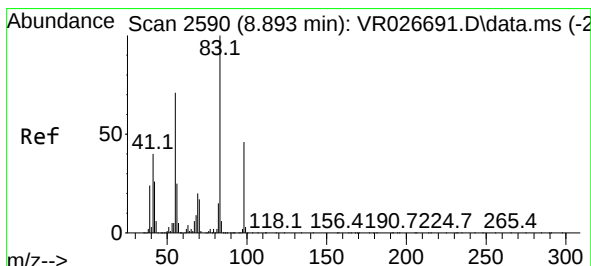
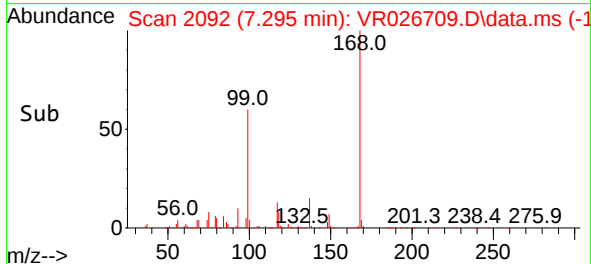
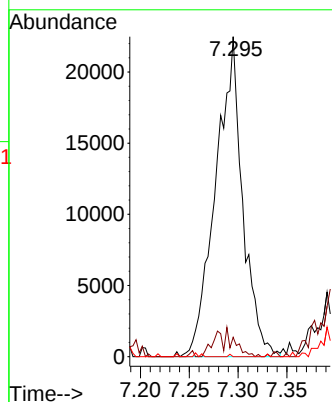


#37
Carbon Tetrachloride
Concen: 8.435 ug/l
RT: 7.295 min Scan# 2092
Delta R.T. -0.125 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Instrument :
MSVOA_R
ClientSampleId :

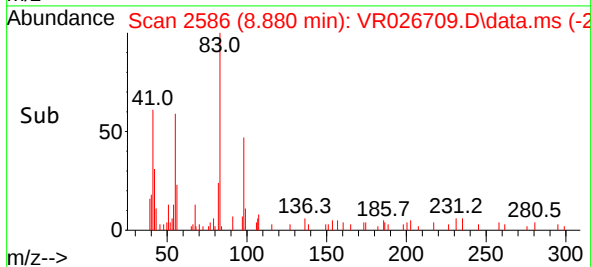
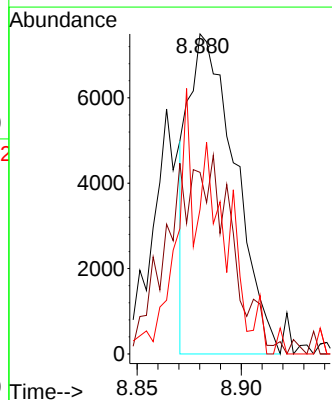
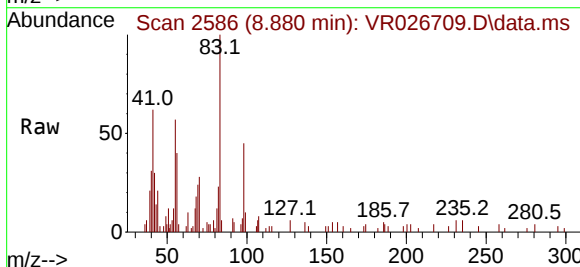


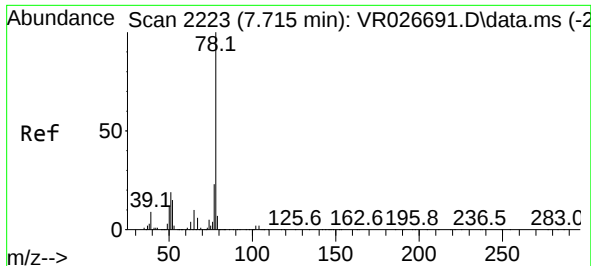
Tgt Ion:117 Resp: 43169
Ion Ratio Lower Upper
117 100
119 6.0 67.0 100.4#
121 0.0 26.3 39.5#



#38
Methylcyclohexane
Concen: 1.634 ug/l
RT: 8.880 min Scan# 2586
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 83 Resp: 11751
Ion Ratio Lower Upper
83 100
55 52.9 56.7 85.1#
98 37.2 36.7 55.1

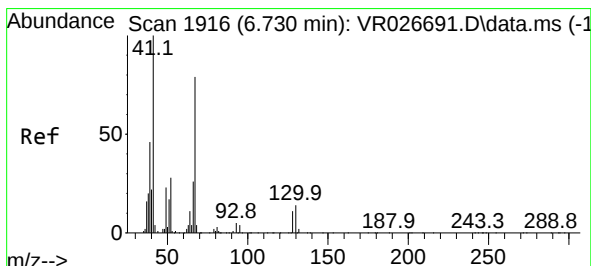
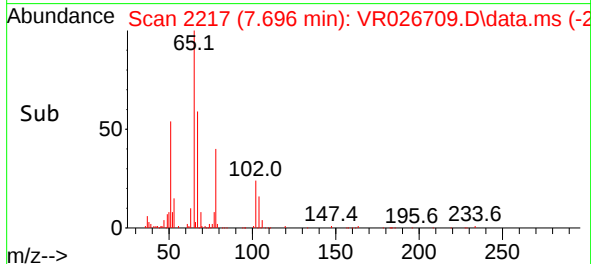
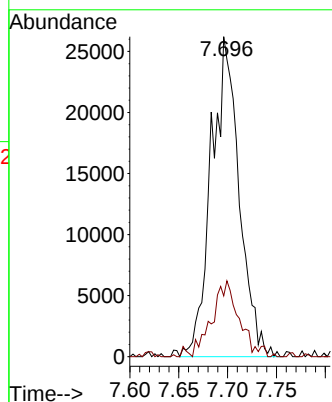
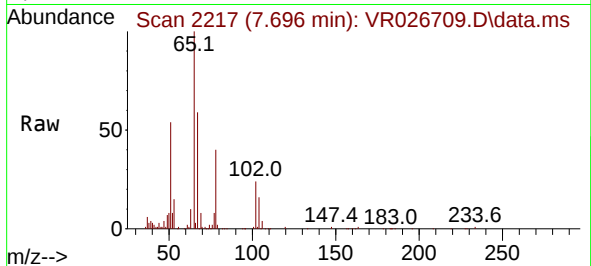




#39
Benzene
Concen: 2.306 ug/l
RT: 7.696 min Scan# 21
Delta R.T. -0.019 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

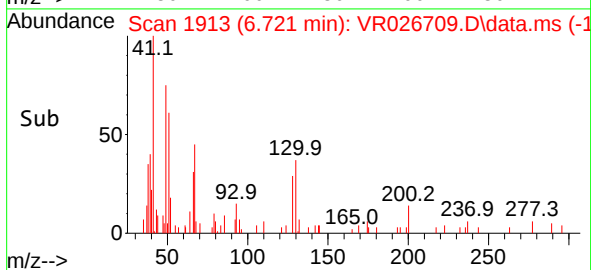
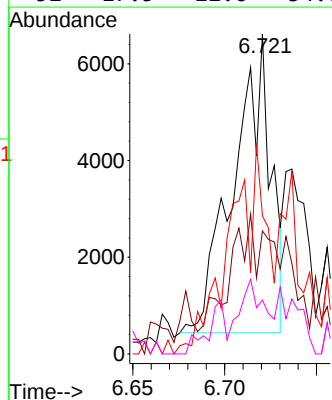
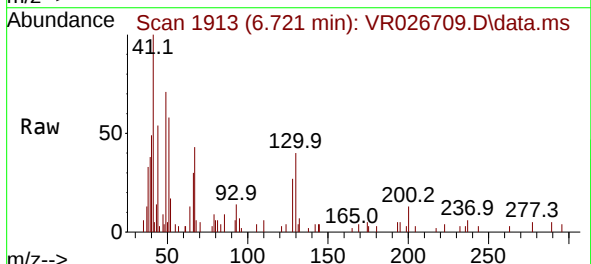
Instrument :
MSVOA_R
ClientSampleId :

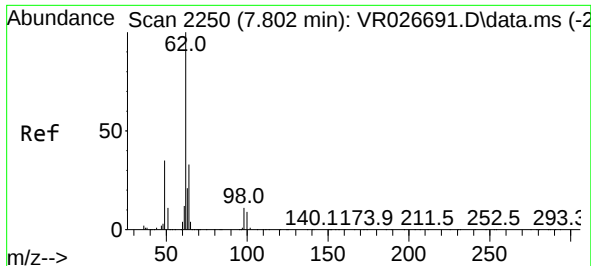
Tgt Ion: 78 Resp: 52186
Ion Ratio Lower Upper
78 100
77 19.0 18.8 28.2



#40
Methacrylonitrile
Concen: 1.847 ug/l
RT: 6.721 min Scan# 1913
Delta R.T. -0.010 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 41 Resp: 8636
Ion Ratio Lower Upper
41 100
39 0.0 42.4 63.6#
67 22.1 65.6 98.4#
52 17.5 22.6 34.0#

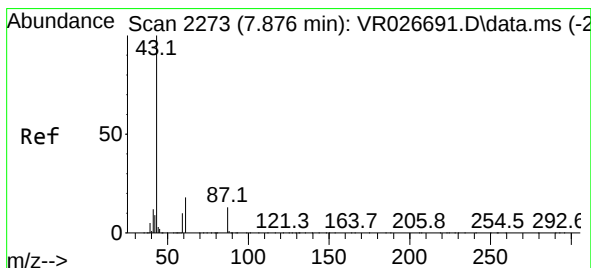
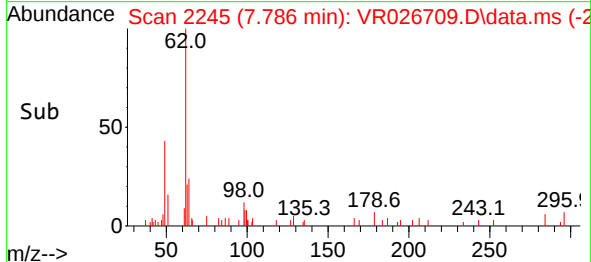
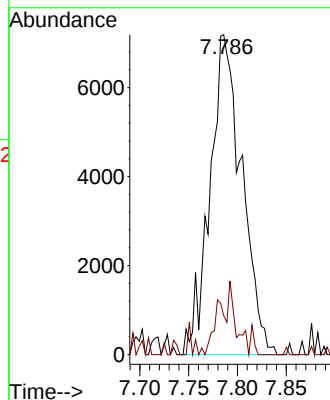
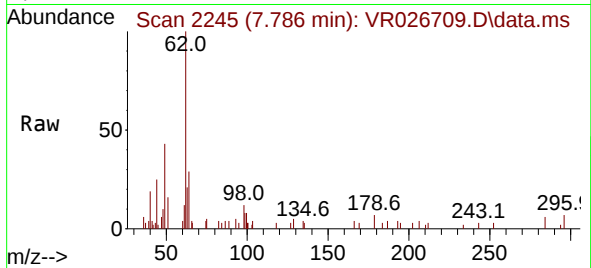




#41
1,2-Dichloroethane
Concen: 2.837 ug/l
RT: 7.786 min Scan# 21
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

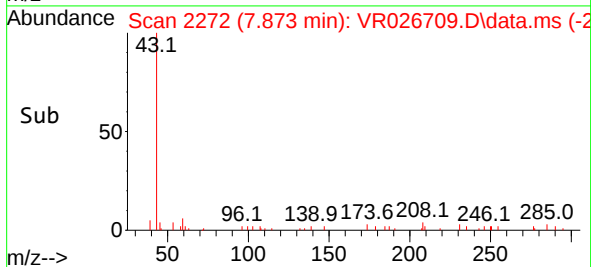
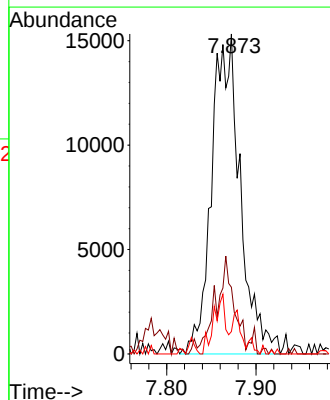
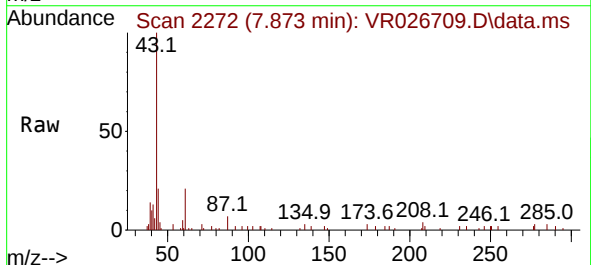
Instrument :
MSVOA_R
ClientSampleId :

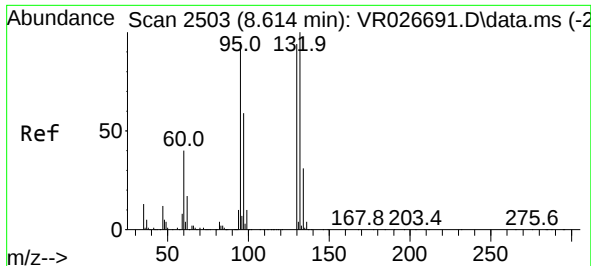
Tgt Ion: 62 Resp: 16329
Ion Ratio Lower Upper
62 100
98 5.3 0.0 22.2



#42
Isopropyl Acetate
Concen: 2.812 ug/l
RT: 7.873 min Scan# 2272
Delta R.T. -0.003 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 43 Resp: 34019
Ion Ratio Lower Upper
43 100
61 0.0 17.9 26.9#
87 3.2 10.8 16.2#

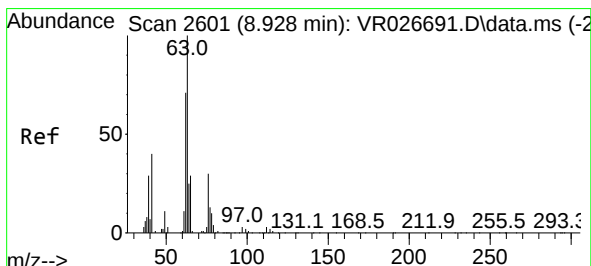
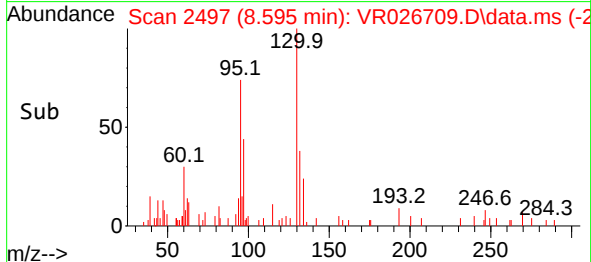
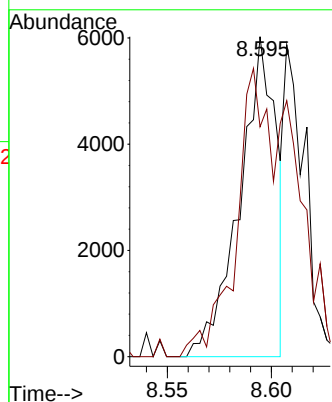
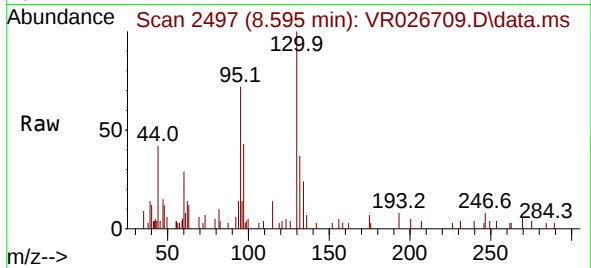




#43
Trichloroethene
Concen: 1.680 ug/l
RT: 8.595 min Scan# 24
Delta R.T. -0.019 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

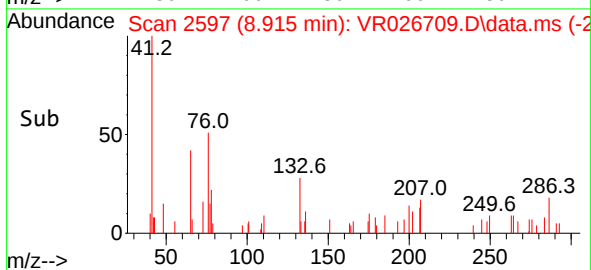
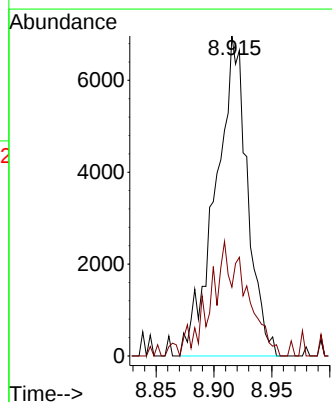
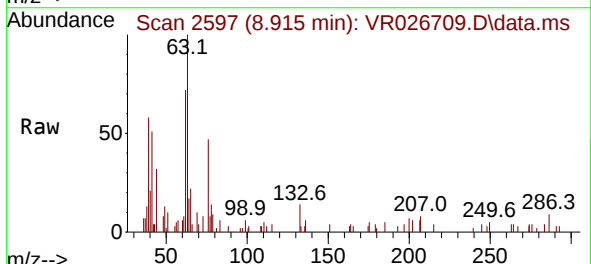
Instrument :
MSVOA_R
ClientSampleId :

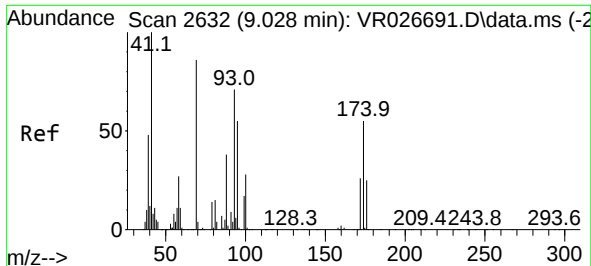
Tgt Ion:130 Resp: 7311
Ion Ratio Lower Upper
130 100
95 71.9 0.0 200.6



#44
1,2-Dichloropropane
Concen: 2.475 ug/l
RT: 8.915 min Scan# 2597
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 63 Resp: 13256
Ion Ratio Lower Upper
63 100
65 21.5 23.8 35.8#

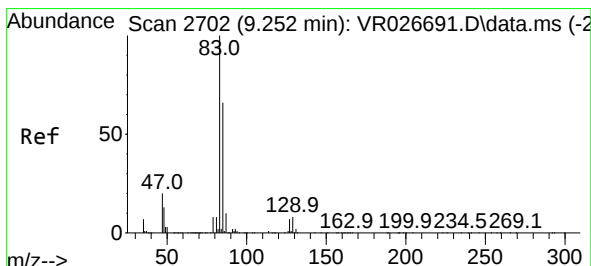
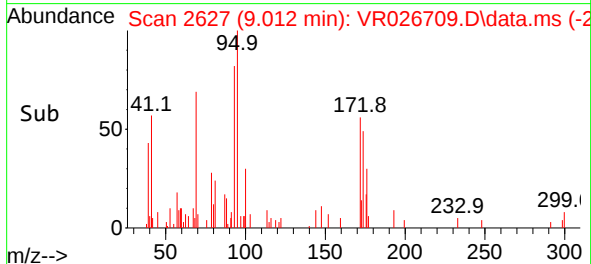
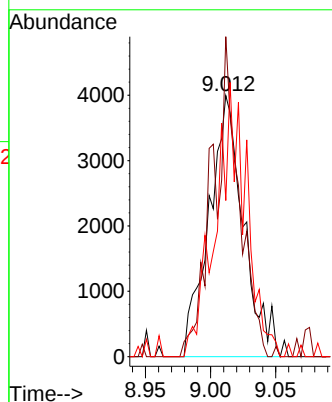
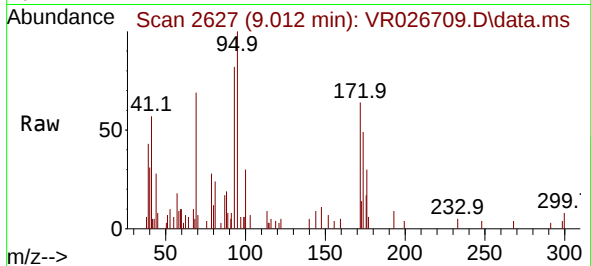




#45
Dibromomethane
Concen: 2.472 ug/l
RT: 9.012 min Scan# 2632
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

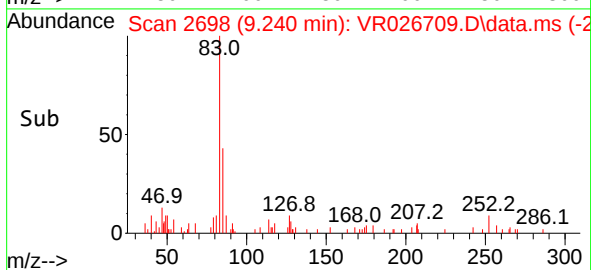
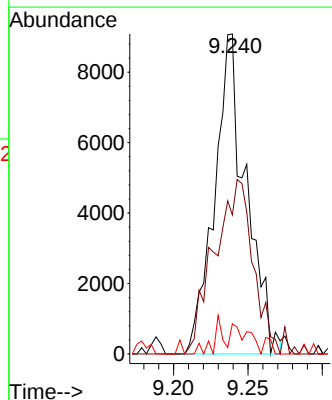
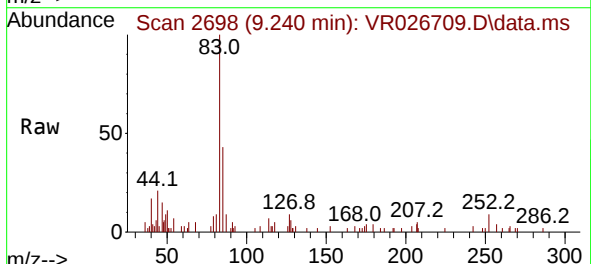
Instrument :
MSVOA_R
ClientSampleId :

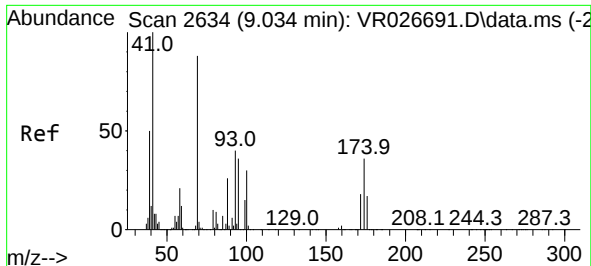
Tgt Ion: 93 Resp: 7363
Ion Ratio Lower Upper
93 100
95 60.3 69.4 104.0#
174 79.1 66.9 100.3



#46
Bromodichloromethane
Concen: 2.333 ug/l
RT: 9.240 min Scan# 2698
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 83 Resp: 13464
Ion Ratio Lower Upper
83 100
85 43.4 52.6 78.8#
127 9.4 5.5 8.3#

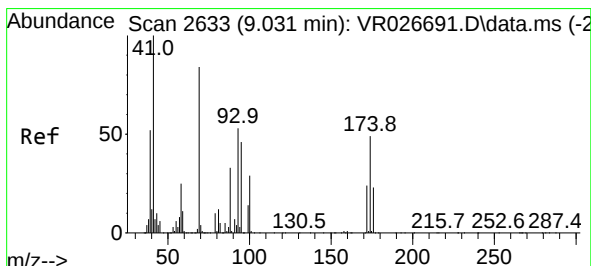
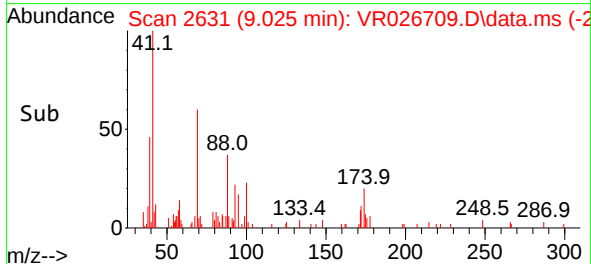
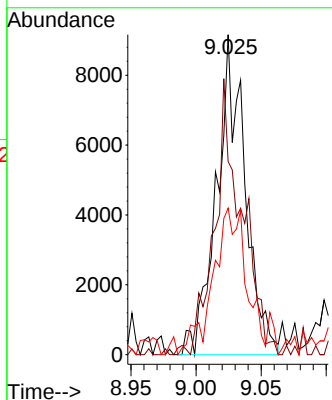
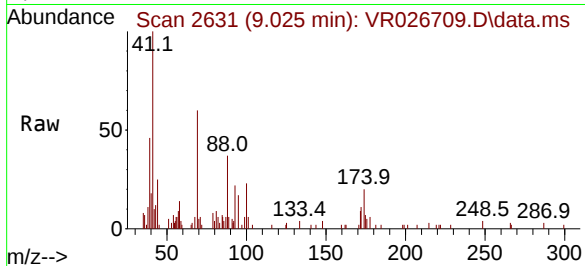




#47
Methyl methacrylate
Concen: 2.627 ug/l
RT: 9.025 min Scan# 2631
Delta R.T. -0.010 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

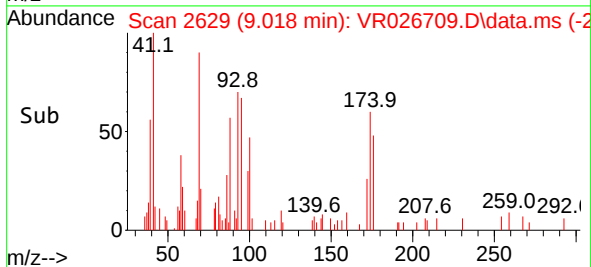
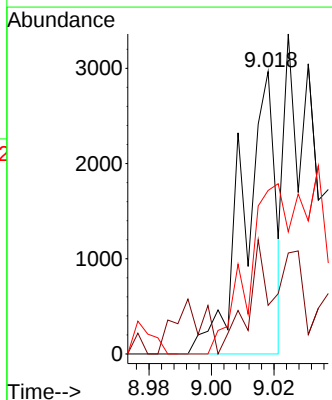
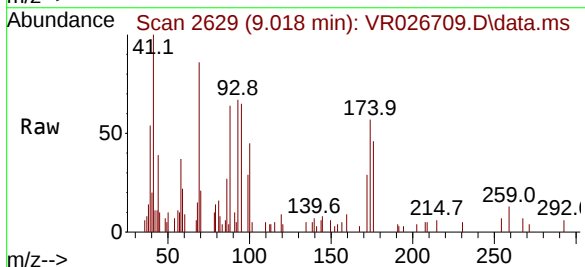
Instrument :
MSVOA_R
ClientSampleId :

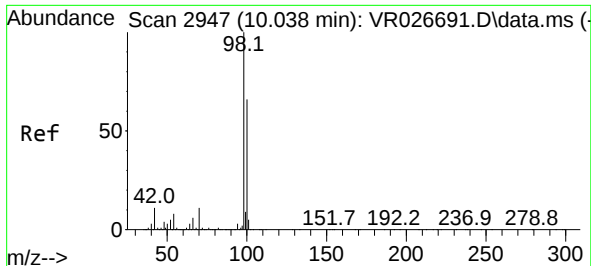
Tgt Ion: 41 Resp: 13909
Ion Ratio Lower Upper
41 100
69 80.8 69.8 104.6
39 48.7 39.4 59.2



#48
1,4-Dioxane
Concen: 24.800 ug/l
RT: 9.018 min Scan# 2629
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 88 Resp: 2115
Ion Ratio Lower Upper
88 100
43 0.0 25.2 37.8#
58 75.0 60.8 91.2

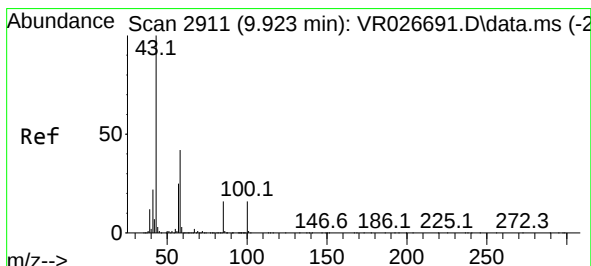
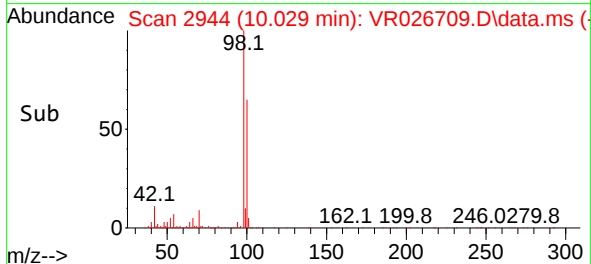
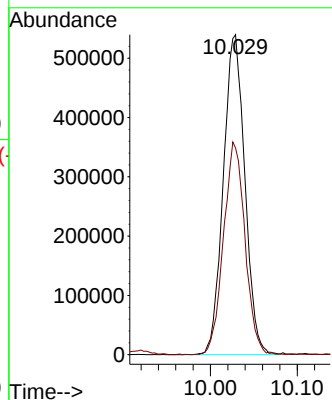
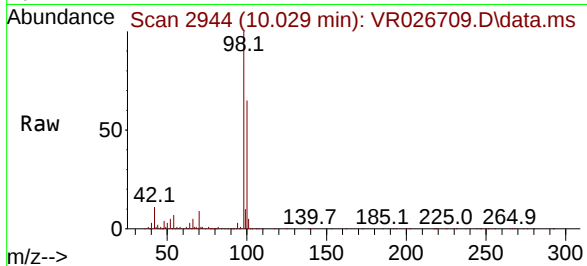




#49
Toluene-d8
Concen: 52.097 ug/l
RT: 10.029 min Scan# 2944
Delta R.T. -0.010 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

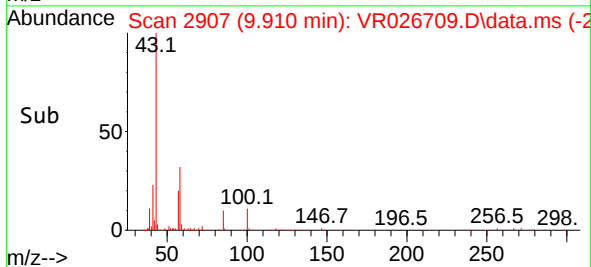
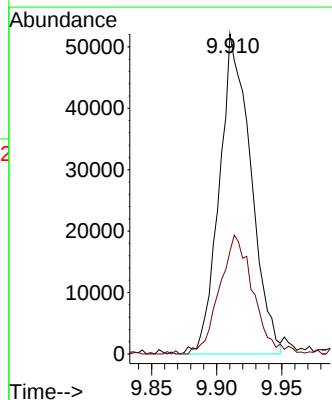
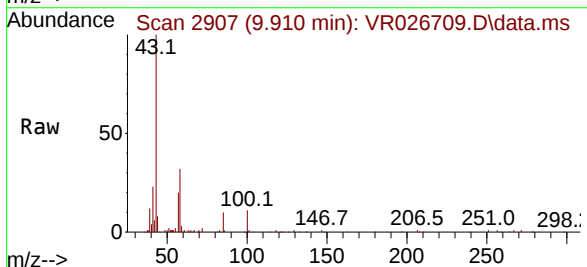
Instrument :
MSVOA_R
ClientSampleId :

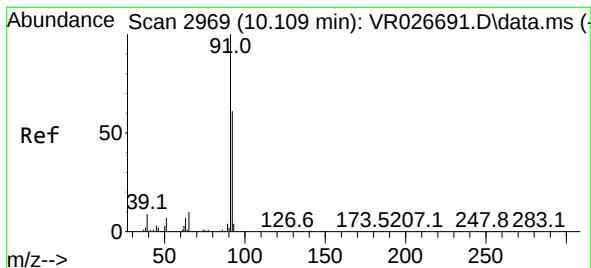
Tgt Ion: 98 Resp: 929698
Ion Ratio Lower Upper
98 100
100 66.5 53.9 80.9



#50
4-Methyl-2-Pentanone
Concen: 13.893 ug/l
RT: 9.910 min Scan# 2907
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 43 Resp: 87738
Ion Ratio Lower Upper
43 100
58 39.8 33.7 50.5





#51

Toluene

Concen: 2.519 ug/l

RT: 10.103 min Scan# 2967

Delta R.T. -0.006 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

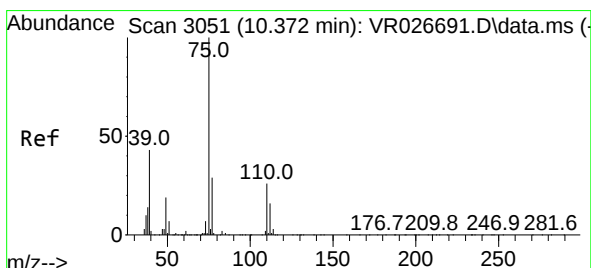
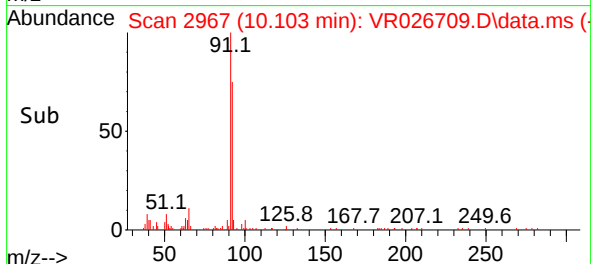
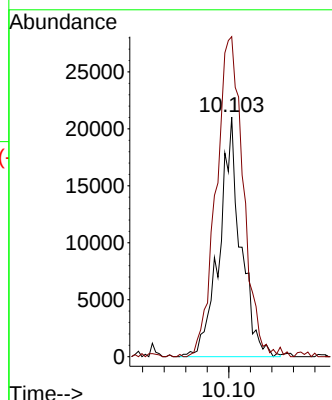
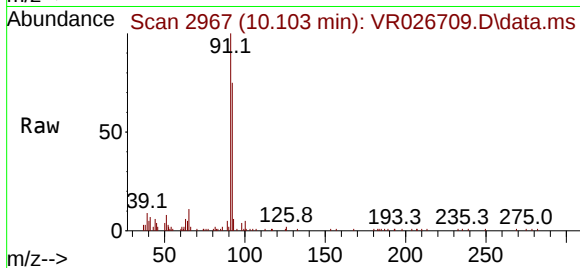
ClientSampleId :

Tgt Ion: 92 Resp: 29096

Ion Ratio Lower Upper

92 100

91 168.7 137.8 206.6



#52

t-1,3-Dichloropropene

Concen: 1.736 ug/l

RT: 10.356 min Scan# 3046

Delta R.T. -0.016 min

Lab File: VR026709.D

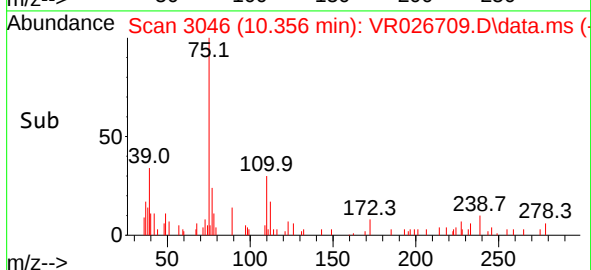
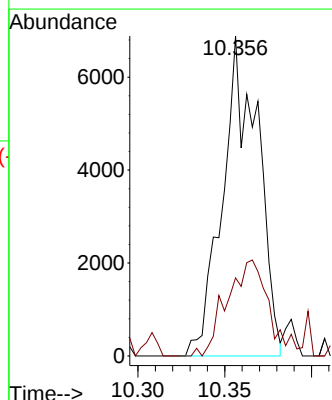
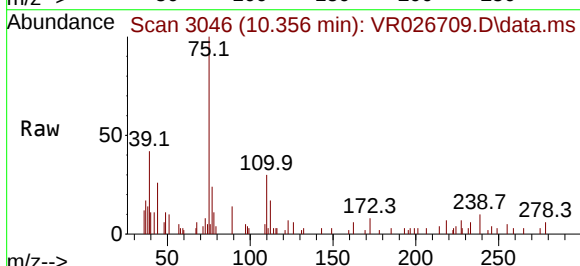
Acq: 5 Aug 2025 12:43

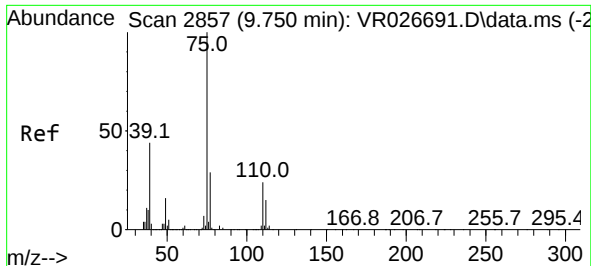
Tgt Ion: 75 Resp: 9820

Ion Ratio Lower Upper

75 100

77 24.4 23.4 35.2

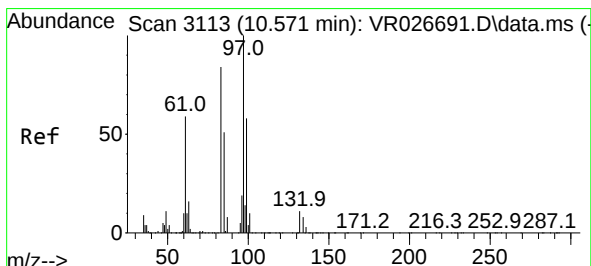
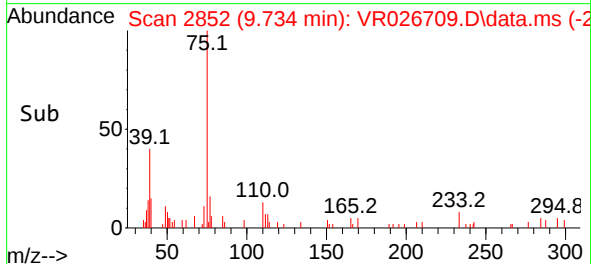
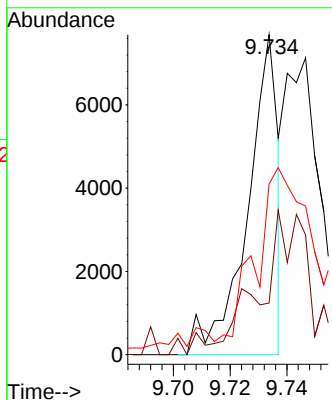
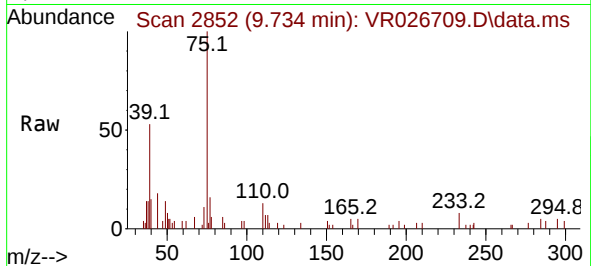




#53
 cis-1,3-Dichloropropene
 Concen: 0.847 ug/l
 RT: 9.734 min Scan# 21
 Delta R.T. -0.016 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

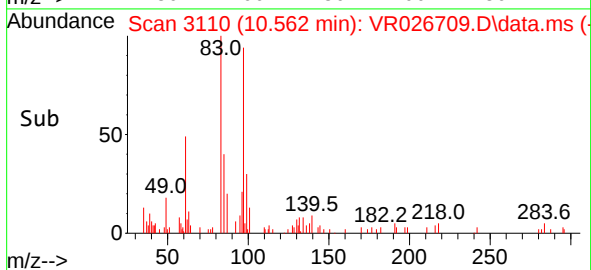
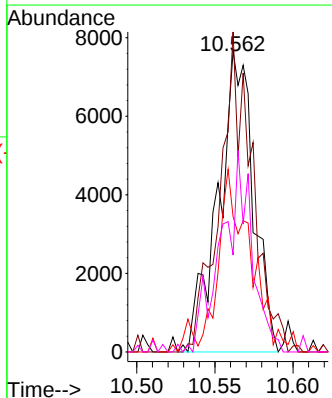
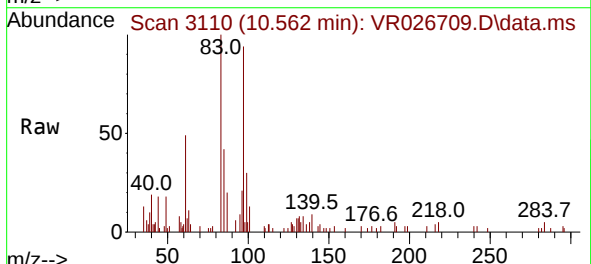
Instrument :
 MSVOA_R
 ClientSampleId :

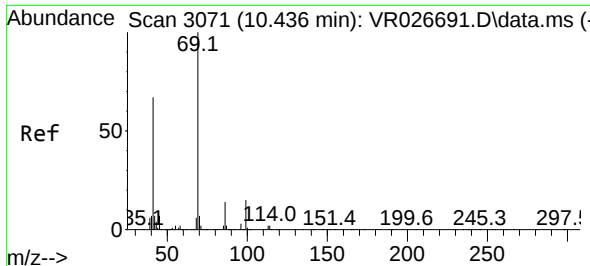
Tgt Ion: 75 Resp: 5746
 Ion Ratio Lower Upper
 75 100
 77 11.0 22.9 34.3#
 39 46.7 34.8 52.2



#54
 1,1,2-Trichloroethane
 Concen: 2.849 ug/l
 RT: 10.562 min Scan# 3110
 Delta R.T. -0.009 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

Tgt Ion: 97 Resp: 12018
 Ion Ratio Lower Upper
 97 100
 83 106.3 67.4 101.2#
 85 45.0 40.4 60.6
 99 34.9 46.3 69.5#

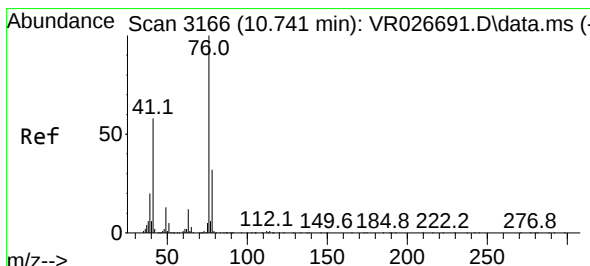
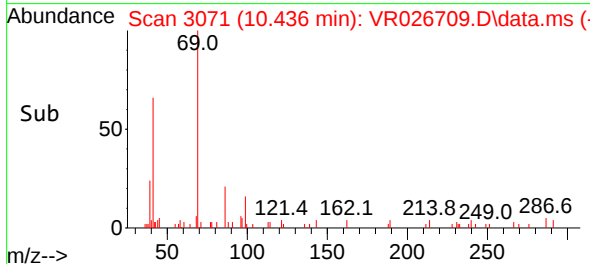
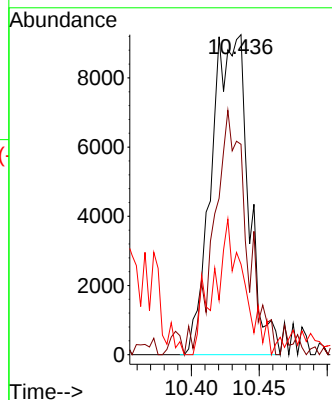
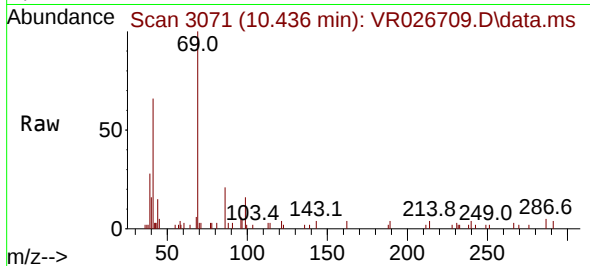




#55
Ethyl methacrylate
Concen: 2.508 ug/l
RT: 10.436 min Scan# 3071
Delta R.T. 0.000 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

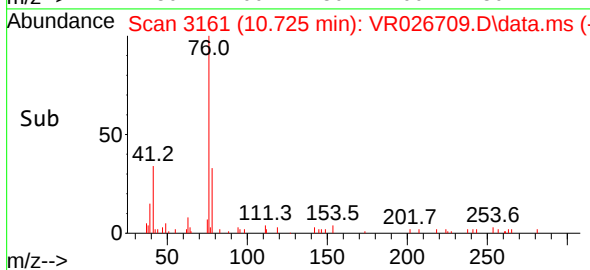
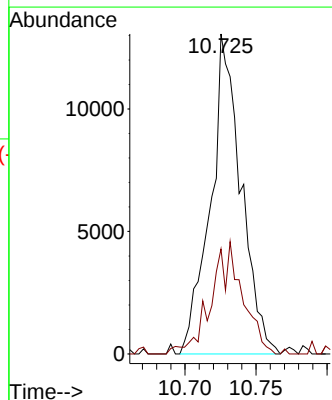
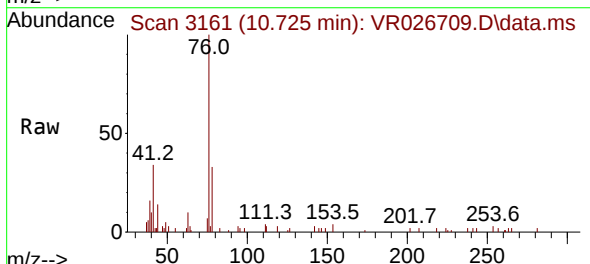
Instrument :
MSVOA_R
ClientSampleId :

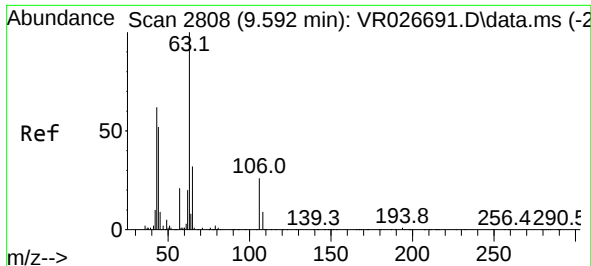
Tgt Ion: 69 Resp: 17475
Ion Ratio Lower Upper
69 100
41 67.4 51.5 77.3
39 34.7 24.7 37.1



#56
1,3-Dichloropropane
Concen: 2.727 ug/l
RT: 10.725 min Scan# 3161
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 76 Resp: 19599
Ion Ratio Lower Upper
76 100
78 18.1 25.8 38.6#





#57

2-Chloroethyl Vinyl ether

Concen: 17.298 ug/l

RT: 9.586 min Scan# 21

Delta R.T. -0.006 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

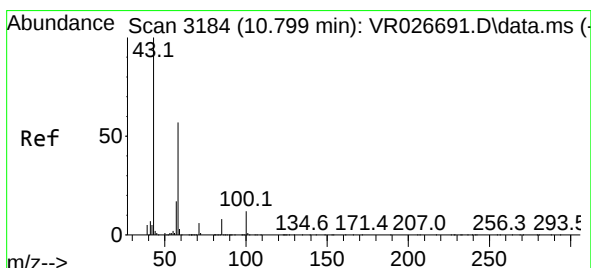
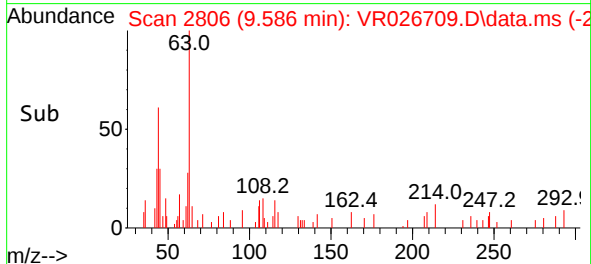
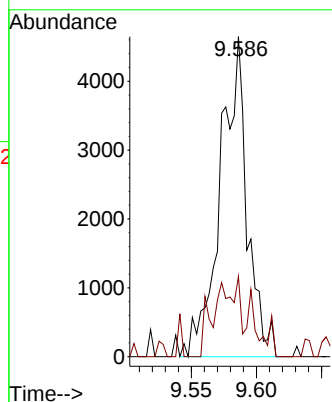
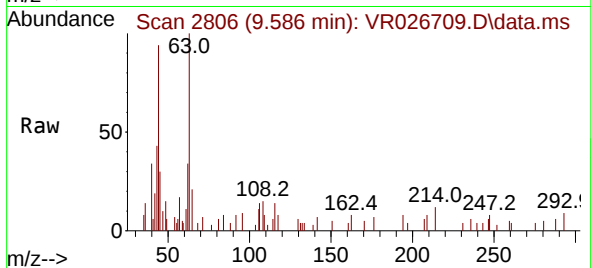
ClientSampleId :

Tgt Ion: 63 Resp: 6660

Ion Ratio Lower Upper

63 100

106 23.6 22.5 33.7



#58

2-Hexanone

Concen: 16.010 ug/l

RT: 10.789 min Scan# 3181

Delta R.T. -0.009 min

Lab File: VR026709.D

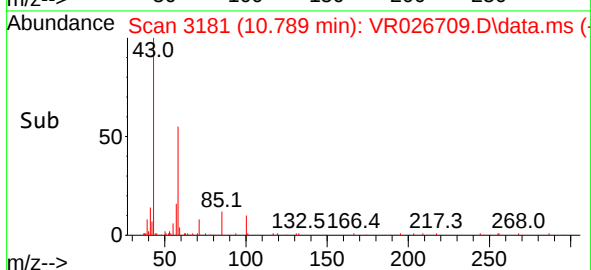
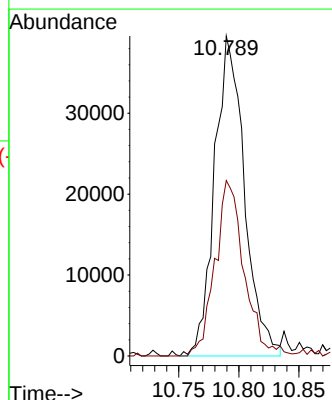
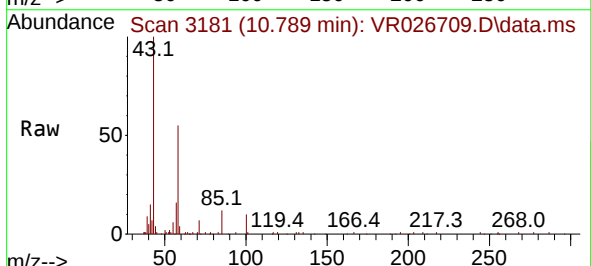
Acq: 5 Aug 2025 12:43

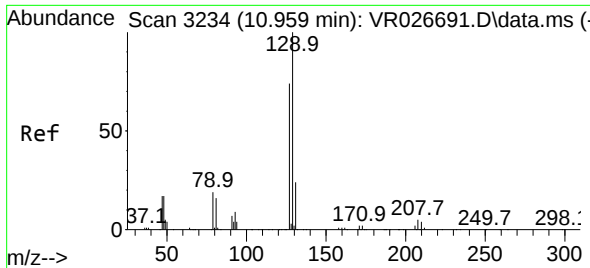
Tgt Ion: 43 Resp: 68160

Ion Ratio Lower Upper

43 100

58 53.4 28.8 86.4

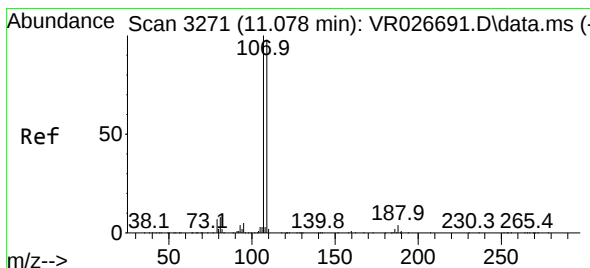
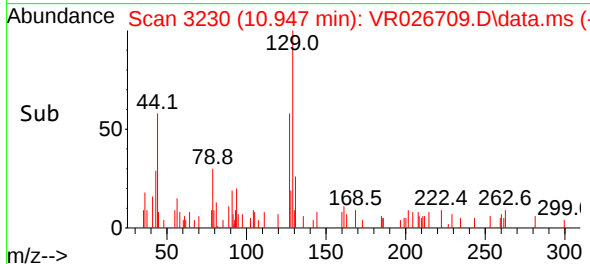
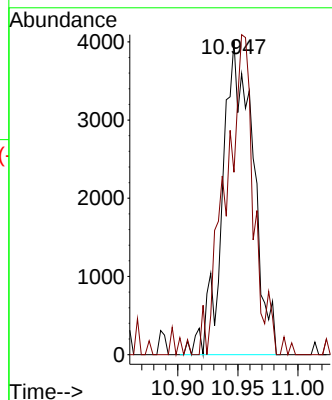
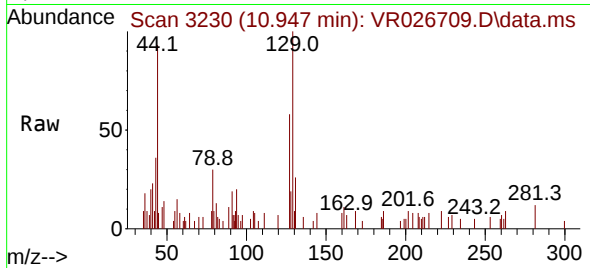




#59
 Dibromochloromethane
 Concen: 1.994 ug/l
 RT: 10.947 min Scan# 31
 Delta R.T. -0.013 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

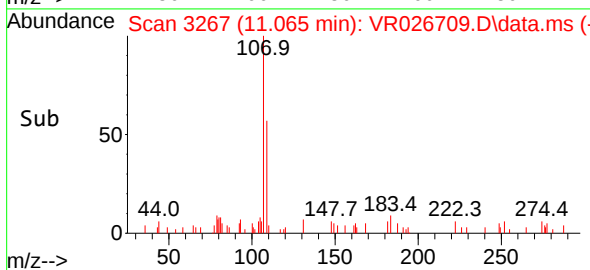
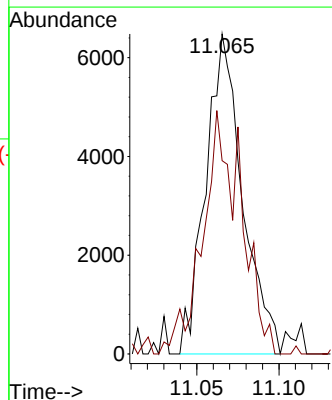
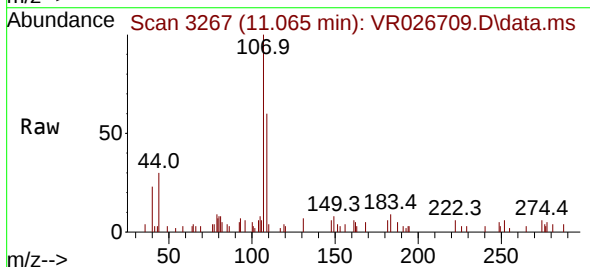
Instrument :
 MSVOA_R
 ClientSampleId :

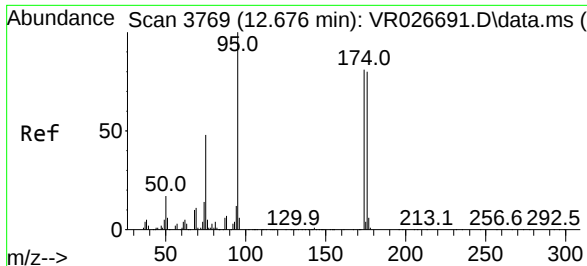
Tgt Ion:129 Resp: 7118
 Ion Ratio Lower Upper
 129 100
 127 88.5 38.9 116.6



#60
 1,2-Dibromoethane
 Concen: 2.777 ug/l
 RT: 11.065 min Scan# 3267
 Delta R.T. -0.013 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

Tgt Ion:107 Resp: 10085
 Ion Ratio Lower Upper
 107 100
 109 79.5 75.9 113.9

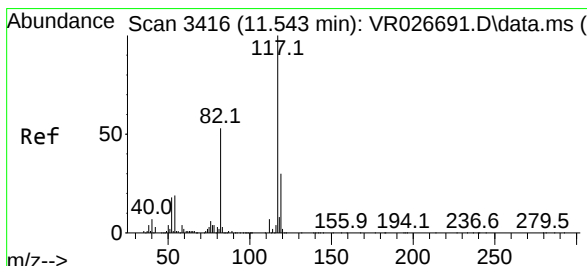
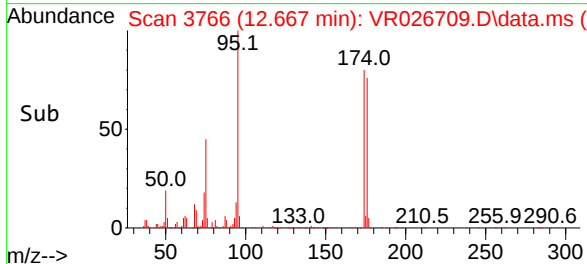
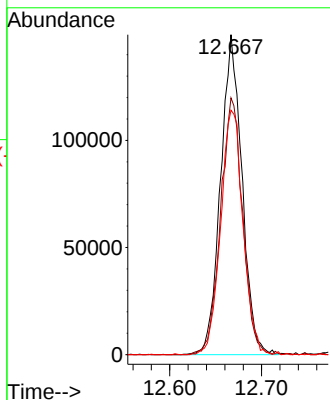
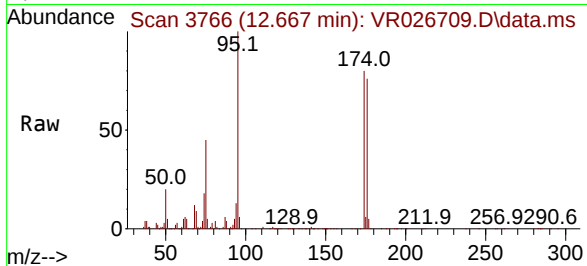




#61
4-Bromofluorobenzene
Concen: 47.585 ug/l
RT: 12.667 min Scan# 31
Delta R.T. -0.009 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

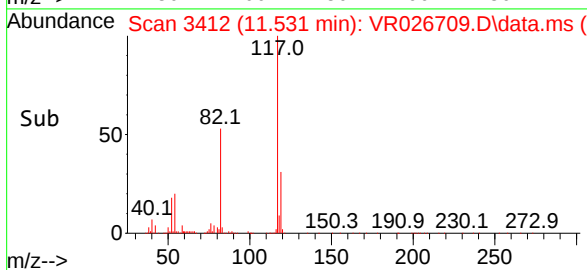
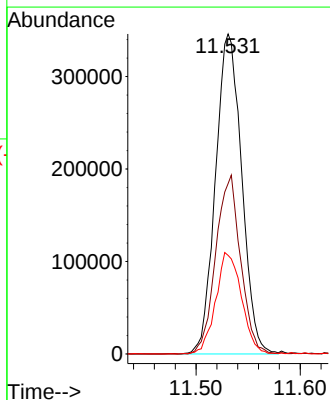
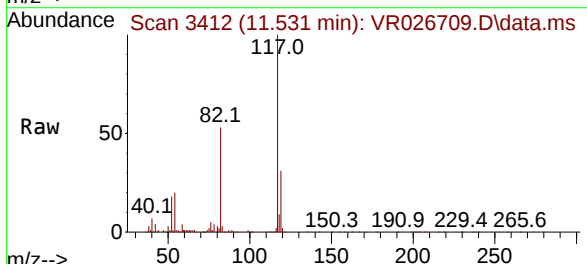
Instrument :
MSVOA_R
ClientSampleId :

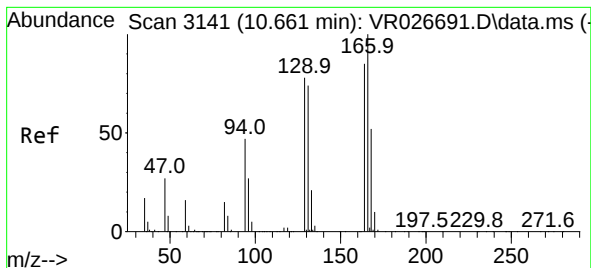
Tgt Ion: 95 Resp: 241530
Ion Ratio Lower Upper
95 100
174 82.2 0.0 158.4
176 79.7 0.0 149.0



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.531 min Scan# 3412
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 117 Resp: 605225
Ion Ratio Lower Upper
117 100
82 53.3 42.0 63.0
119 30.7 23.9 35.9





#63

Tetrachloroethene

Concen: 2.706 ug/l

RT: 10.645 min Scan# 3136

Delta R.T. -0.016 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :

Tgt Ion:164 Resp: 8947

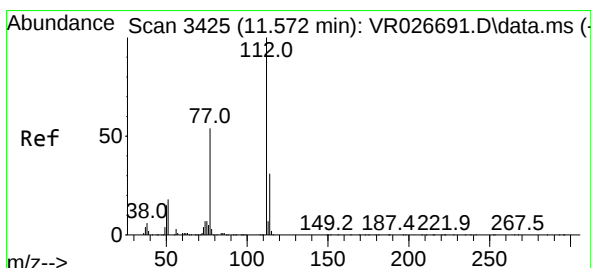
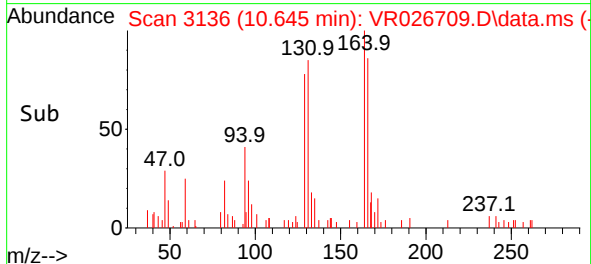
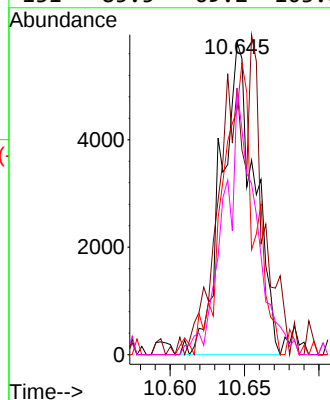
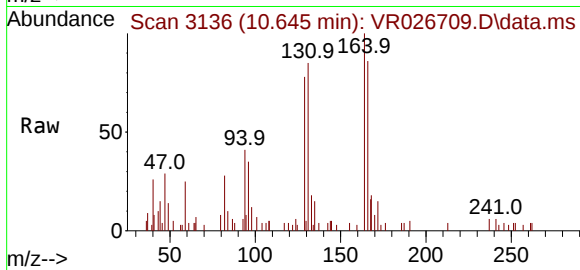
Ion Ratio Lower Upper

164 100

166 79.9 93.7 140.5#

129 78.5 73.4 110.2

131 85.5 69.2 103.8



#64

Chlorobenzene

Concen: 2.531 ug/l

RT: 11.556 min Scan# 3420

Delta R.T. -0.016 min

Lab File: VR026709.D

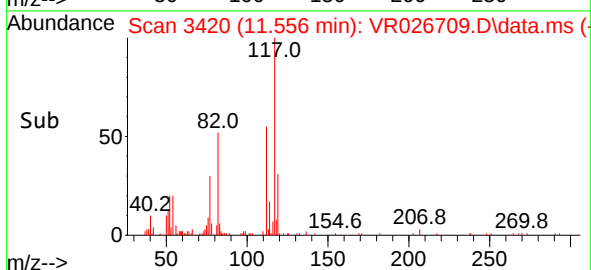
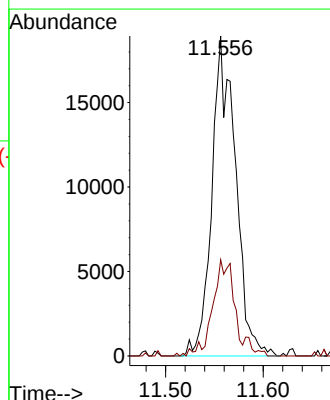
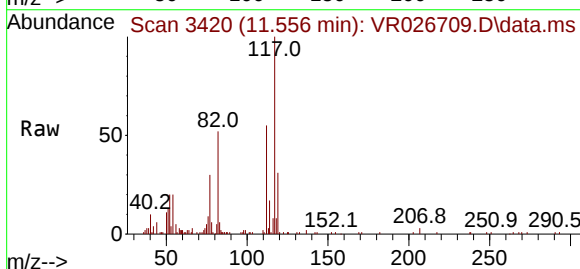
Acq: 5 Aug 2025 12:43

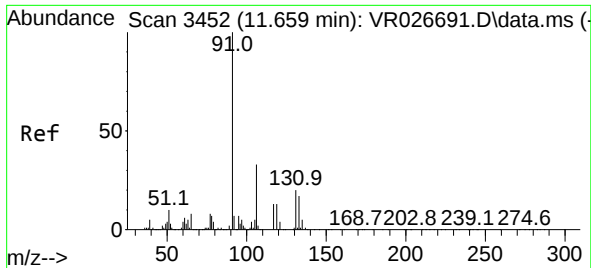
Tgt Ion:112 Resp: 31874

Ion Ratio Lower Upper

112 100

114 30.0 25.0 37.6

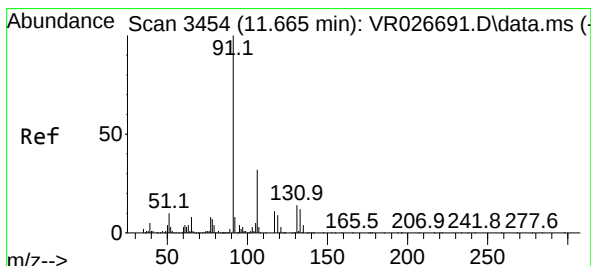
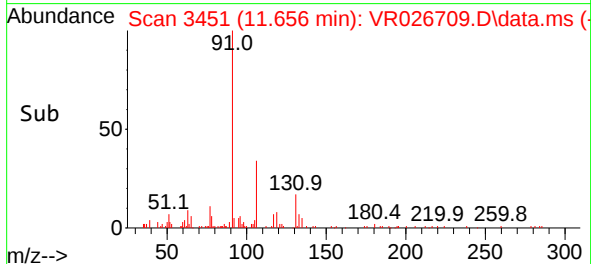
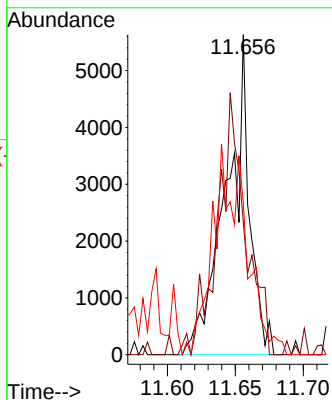
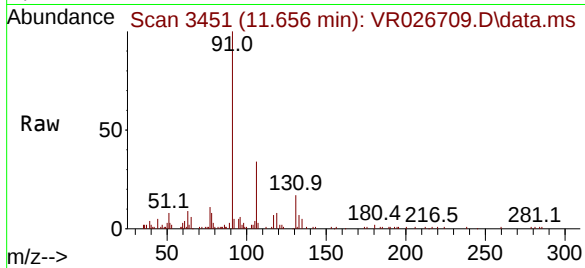




#65
 1,1,1,2-Tetrachloroethane
 Concen: 1.960 ug/l
 RT: 11.656 min Scan# 3451
 Delta R.T. -0.003 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

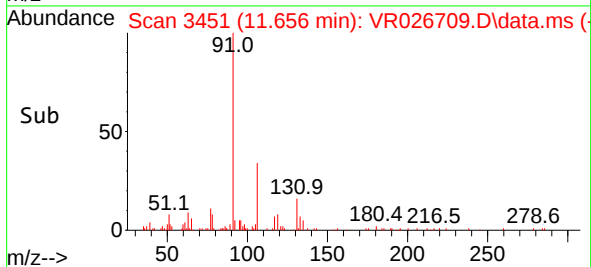
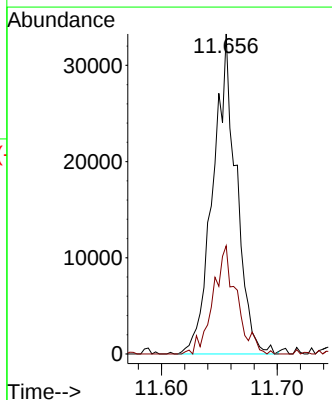
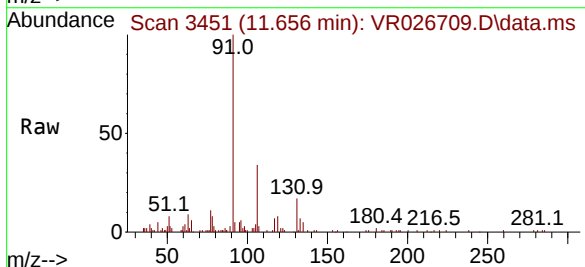
Instrument :
 MSVOA_R
 ClientSampleId :

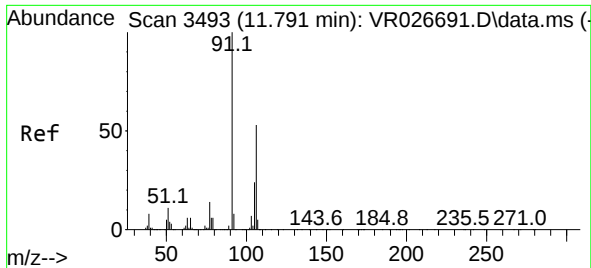
Tgt Ion:131 Resp: 6742
 Ion Ratio Lower Upper
 131 100
 133 88.8 46.2 138.5
 119 0.0 35.7 107.1#



#66
 Ethyl Benzene
 Concen: 2.227 ug/l
 RT: 11.656 min Scan# 3451
 Delta R.T. -0.010 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

Tgt Ion: 91 Resp: 46829
 Ion Ratio Lower Upper
 91 100
 106 33.8 25.4 38.0

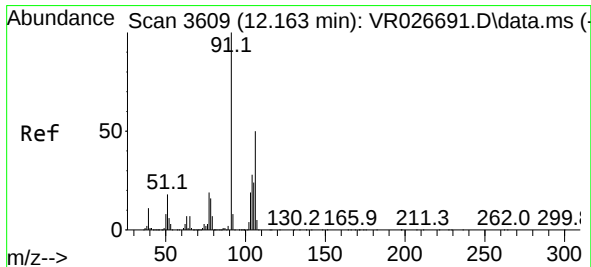
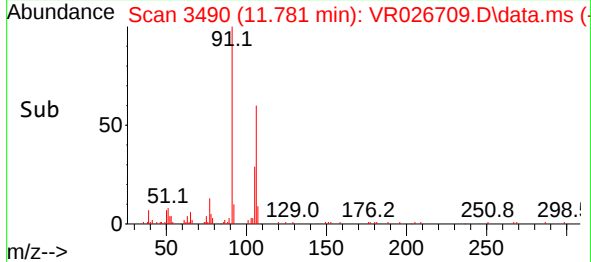
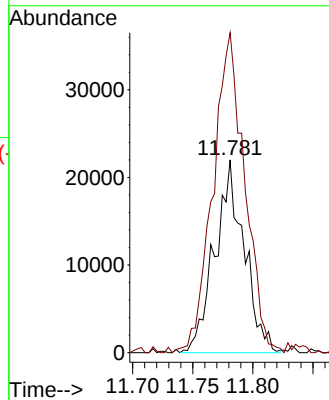
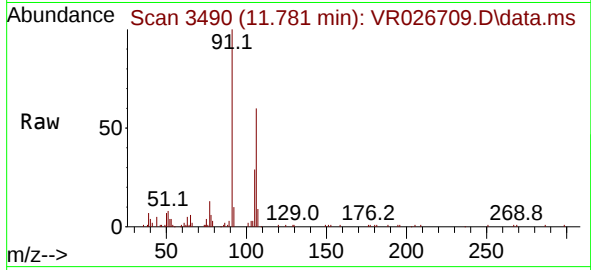




#67
m/p-Xylenes
Concen: 4.416 ug/l
RT: 11.781 min Scan# 3493
Delta R.T. -0.009 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

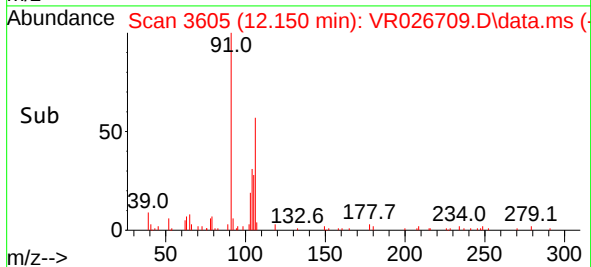
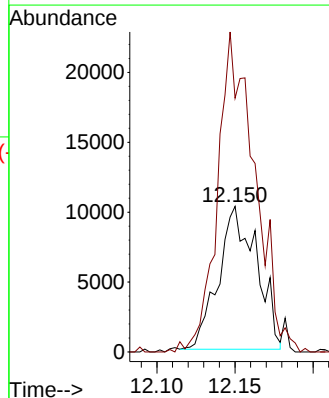
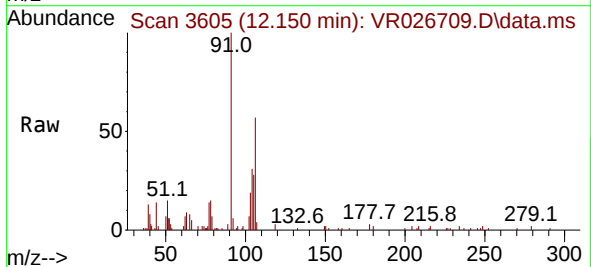
Instrument :
MSVOA_R
ClientSampleId :

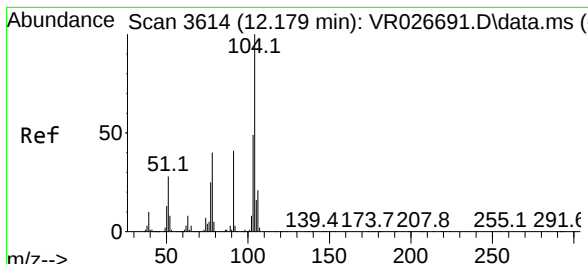
Tgt Ion:106 Resp: 37104
Ion Ratio Lower Upper
106 100
91 181.1 146.8 220.2



#68
o-Xylene
Concen: 2.136 ug/l
RT: 12.150 min Scan# 3605
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion:106 Resp: 17421
Ion Ratio Lower Upper
106 100
91 218.5 97.9 293.6

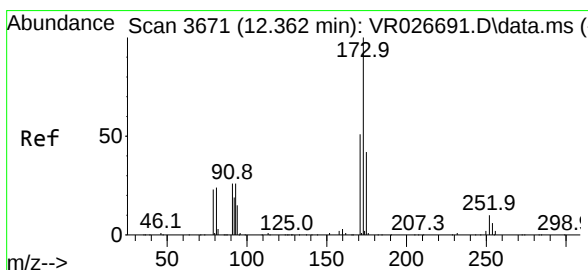
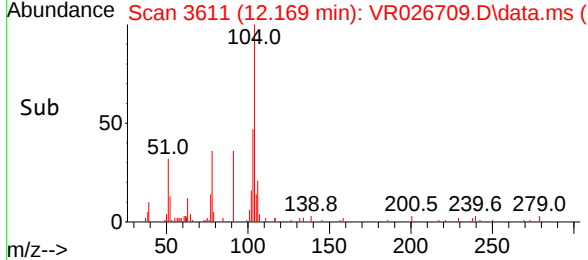
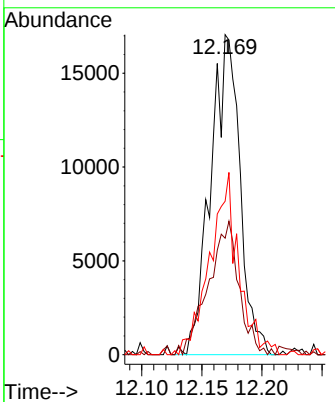
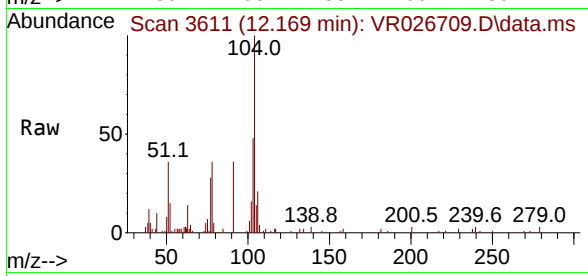




#69
 Styrene
 Concen: 2.129 ug/l
 RT: 12.169 min Scan# 3611
 Delta R.T. -0.010 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

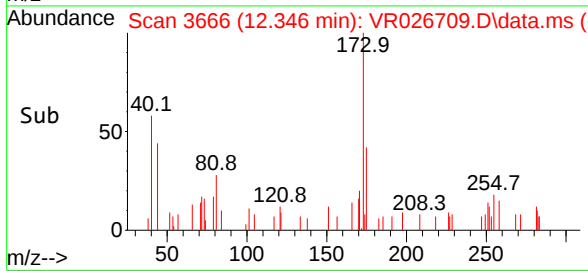
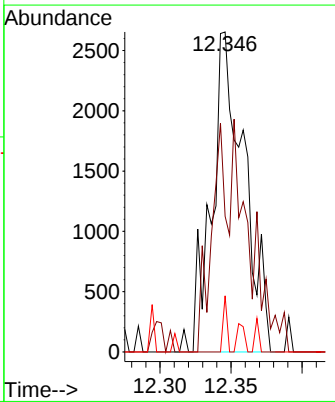
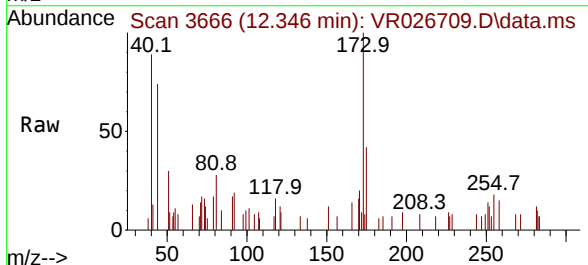
Instrument :
 MSVOA_R
 ClientSampleId :

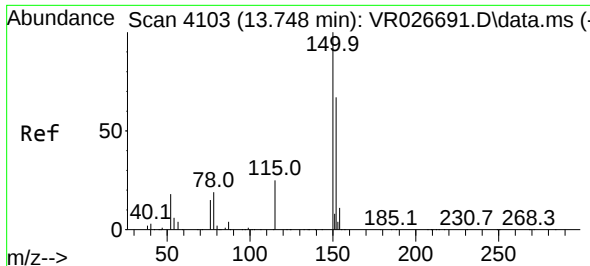
Tgt Ion:	104	Resp:	29019
Ion Ratio	Lower	Upper	
104	100		
78	43.1	34.5	51.7
103	54.3	43.2	64.8



#70
 Bromoform
 Concen: 2.151 ug/l
 RT: 12.346 min Scan# 3666
 Delta R.T. -0.016 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

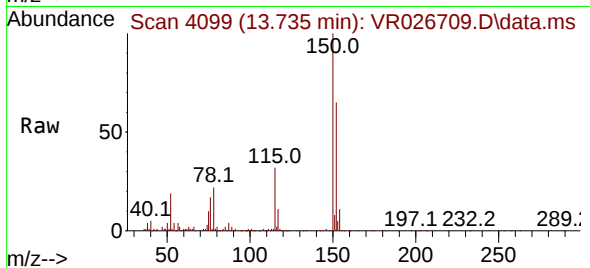
Tgt Ion:	173	Resp:	4189
Ion Ratio	Lower	Upper	
173	100		
175	34.7	23.6	71.0
254	2.1	0.1	0.1#



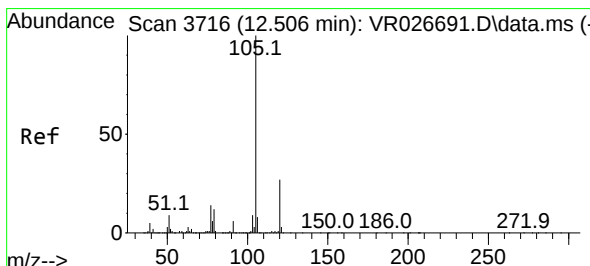
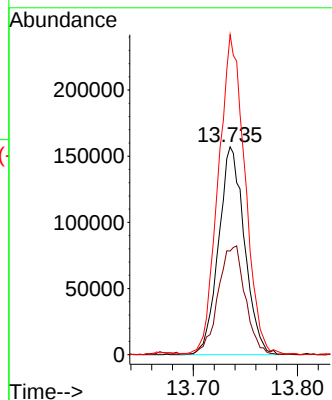
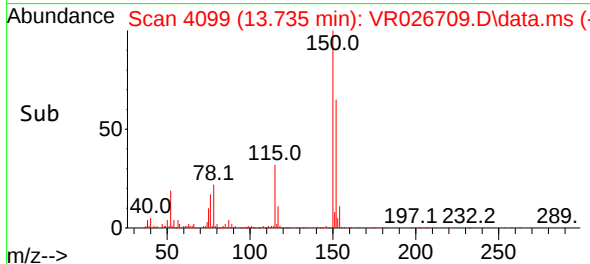


#71
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.735 min Scan# 4099
 Delta R.T. -0.013 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

Instrument :
 MSVOA_R
 ClientSampleId :

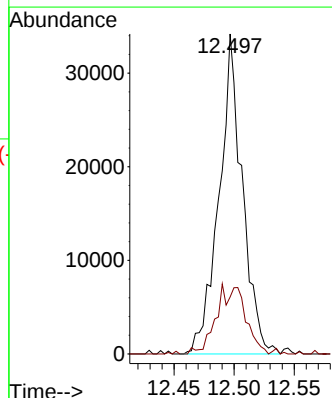
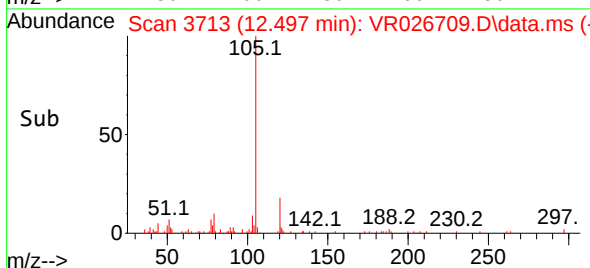
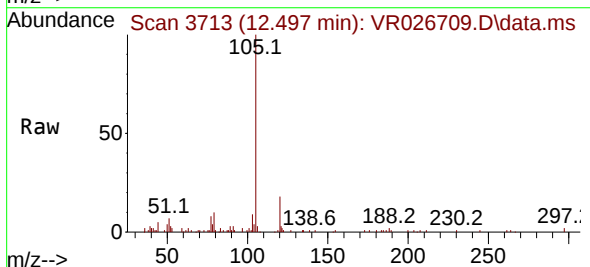


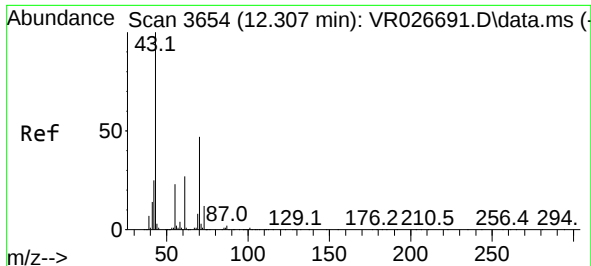
Tgt Ion:152 Resp: 271002
 Ion Ratio Lower Upper
 152 100
 115 54.4 27.8 83.4
 150 157.9 0.0 350.4



#72
 Isopropylbenzene
 Concen: 2.391 ug/l
 RT: 12.497 min Scan# 3713
 Delta R.T. -0.009 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

Tgt Ion:105 Resp: 46185
 Ion Ratio Lower Upper
 105 100
 120 26.8 14.2 42.8

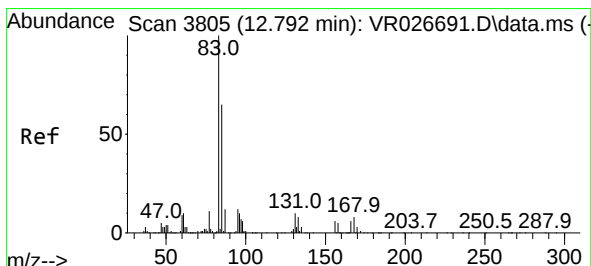
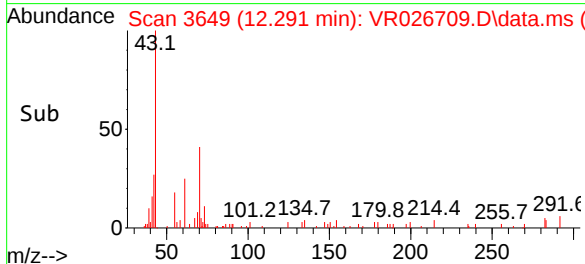
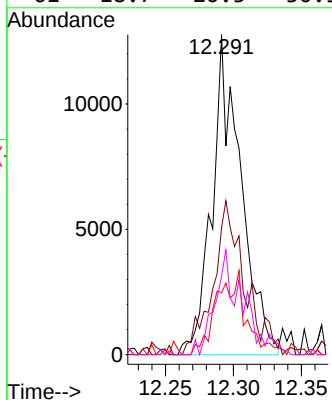
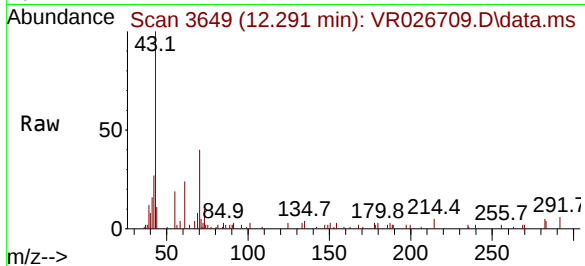




#73
N-amy1 acetate
Concen: 2.457 ug/l
RT: 12.291 min Scan# 3649
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

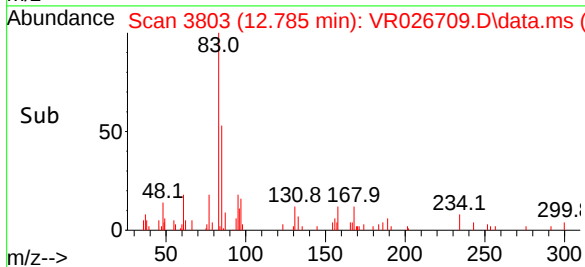
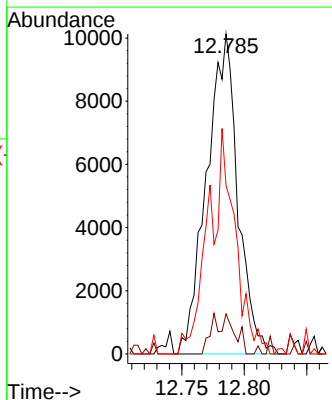
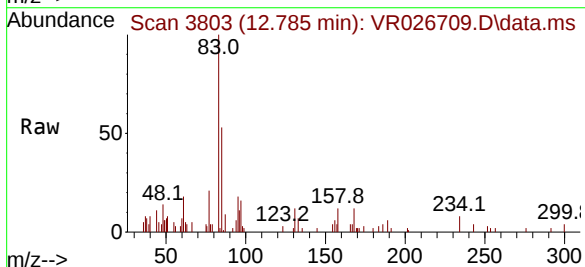
Instrument :
MSVOA_R
ClientSampleId :

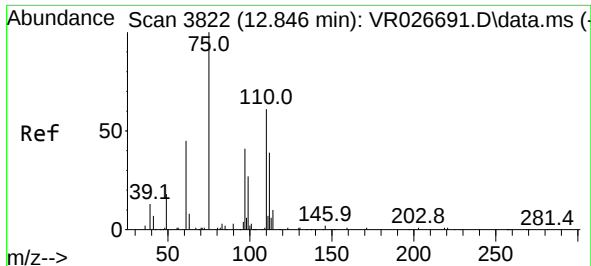
Tgt Ion: 43 Resp: 18814
Ion Ratio Lower Upper
43 100
70 48.2 36.4 54.6
55 26.7 18.7 28.1
61 18.7 20.3 30.5#



#74
1,1,2,2-Tetrachloroethane
Concen: 3.108 ug/l
RT: 12.785 min Scan# 3803
Delta R.T. -0.006 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 83 Resp: 17611
Ion Ratio Lower Upper
83 100
131 4.5 4.2 12.4
85 38.3 32.3 96.8

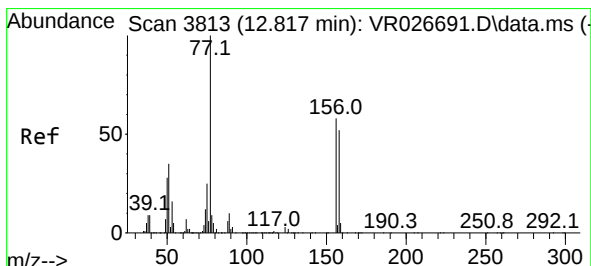
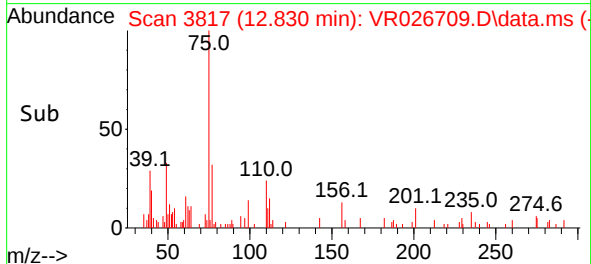
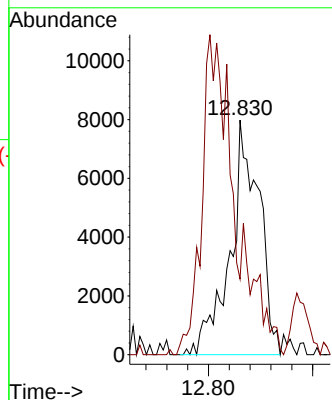
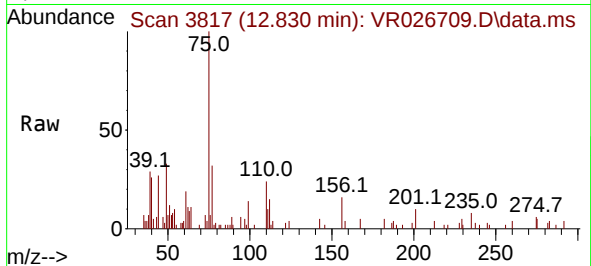




#75
1,2,3-Trichloropropane
Concen: 3.431 ug/l
RT: 12.830 min Scan# 3817
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

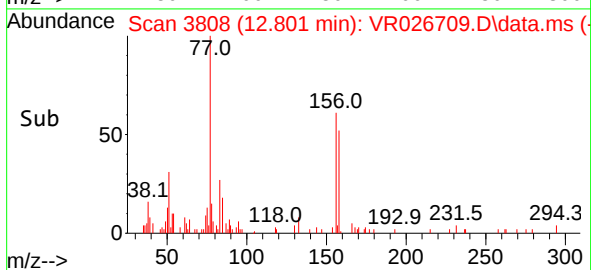
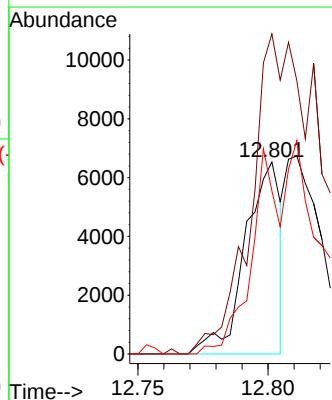
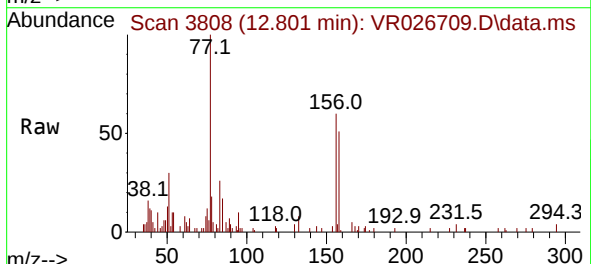
Instrument :
MSVOA_R
ClientSampleId :

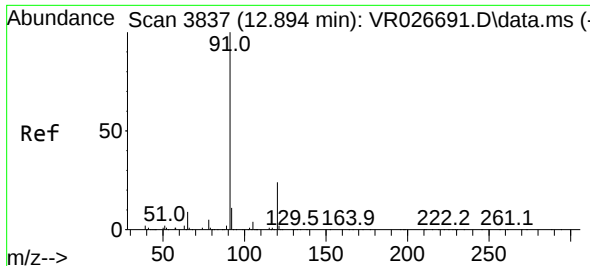
Tgt Ion: 75 Resp: 15413
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#76
Bromobenzene
Concen: 1.381 ug/l
RT: 12.801 min Scan# 3808
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion:156 Resp: 6174
Ion Ratio Lower Upper
156 100
77 316.5 105.5 316.4#
158 82.0 46.4 139.1

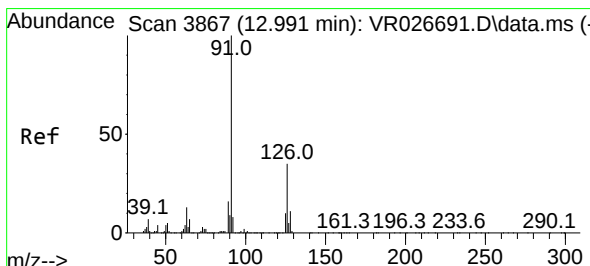
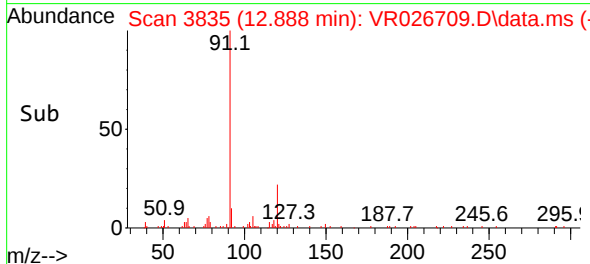
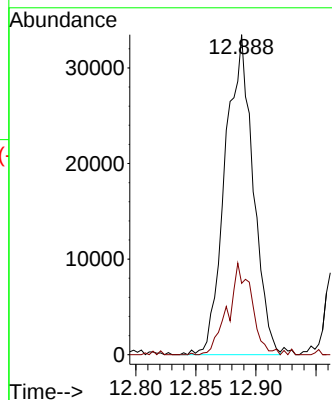
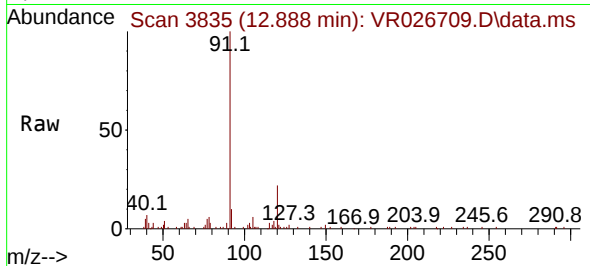




#77
n-propylbenzene
Concen: 2.356 ug/l
RT: 12.888 min Scan# 3835
Delta R.T. -0.006 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

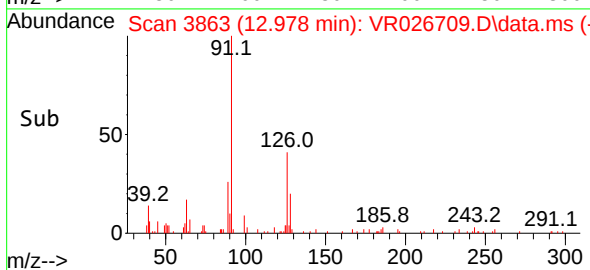
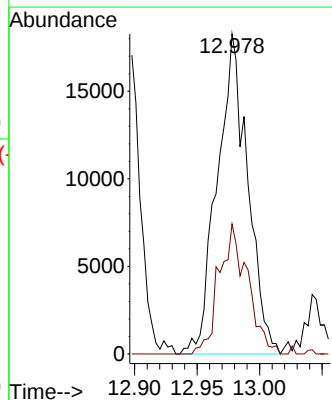
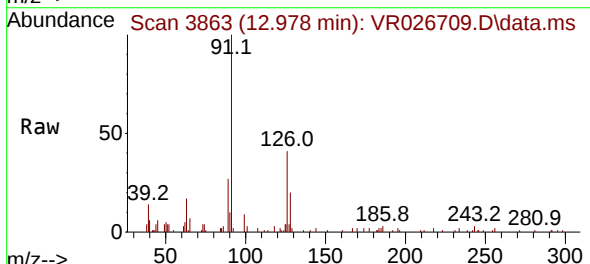
Instrument :
MSVOA_R
ClientSampleId :

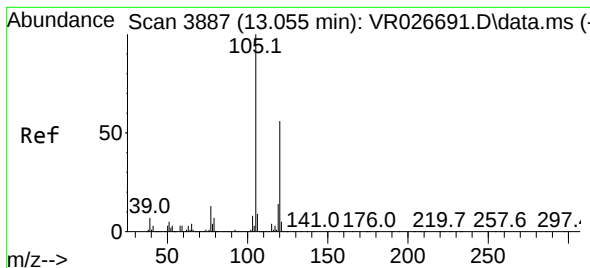
Tgt Ion: 91 Resp: 54289
Ion Ratio Lower Upper
91 100
120 24.2 11.9 35.9



#78
2-Chlorotoluene
Concen: 2.373 ug/l
RT: 12.978 min Scan# 3863
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 91 Resp: 31028
Ion Ratio Lower Upper
91 100
126 37.9 17.5 52.6





#79

1,3,5-Trimethylbenzene

Concen: 2.331 ug/l

RT: 13.392 min Scan# 3992

Delta R.T. 0.337 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

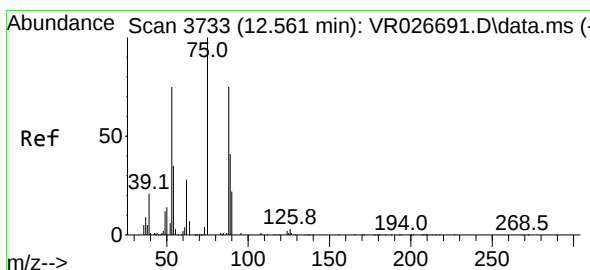
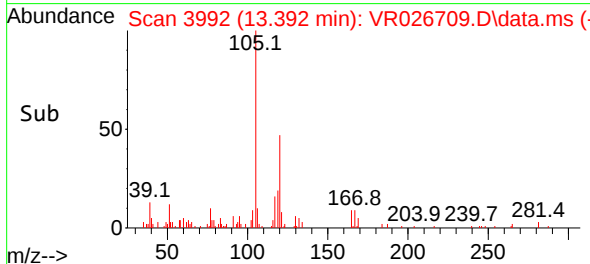
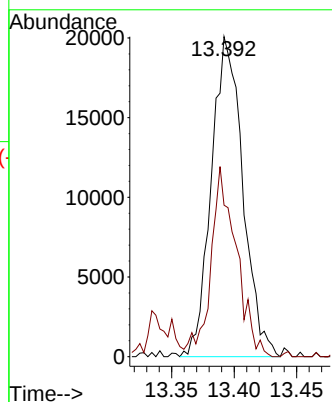
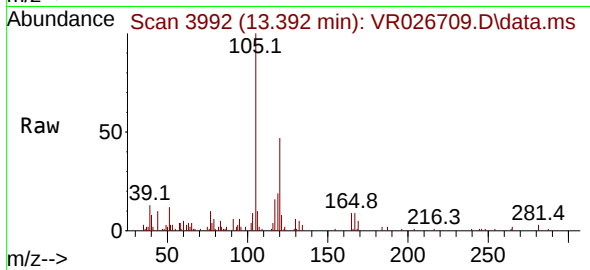
ClientSampleId :

Tgt Ion:105 Resp: 35208

Ion Ratio Lower Upper

105 100

120 48.0 26.6 79.7



#80

trans-1,4-Dichloro-2-butene

Concen: 77.681 ug/l

RT: 12.670 min Scan# 3767

Delta R.T. 0.109 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

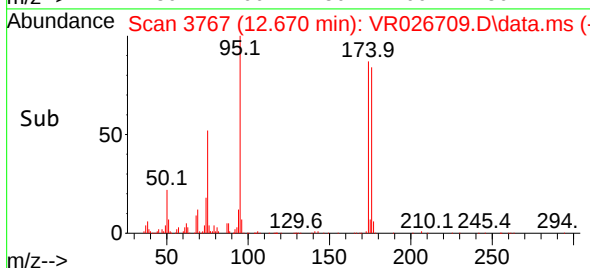
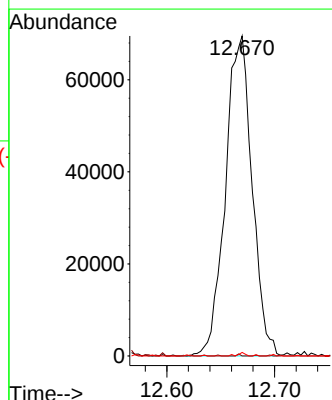
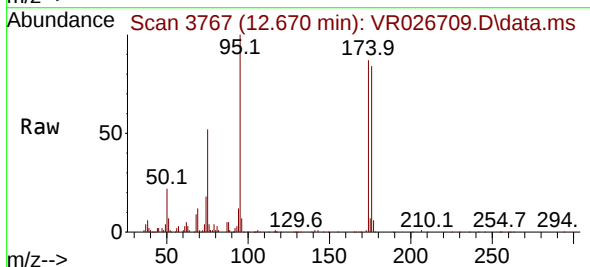
Tgt Ion: 75 Resp: 119811

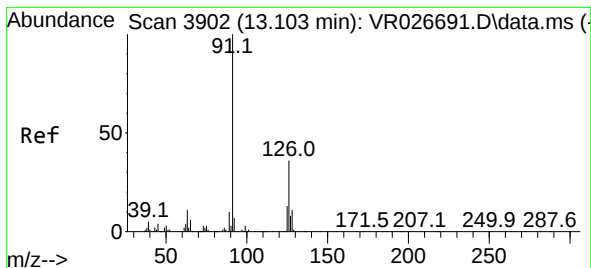
Ion Ratio Lower Upper

75 100

53 0.0 67.8 101.6#

89 0.3 34.6 52.0#

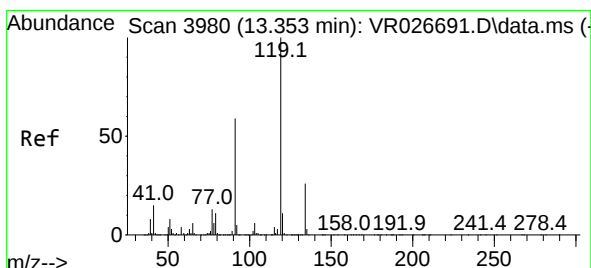
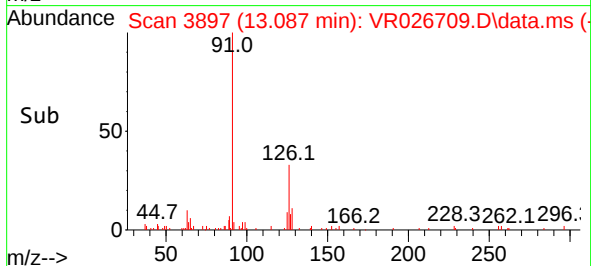
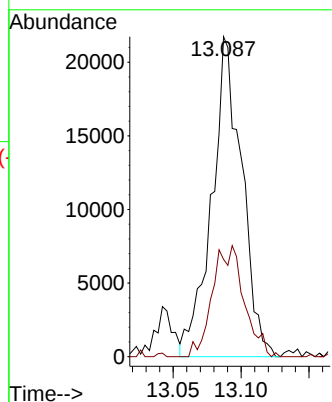
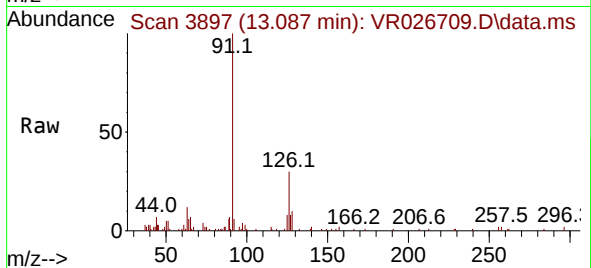




#81
4-Chlorotoluene
Concen: 2.505 ug/l
RT: 13.087 min Scan# 3902
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

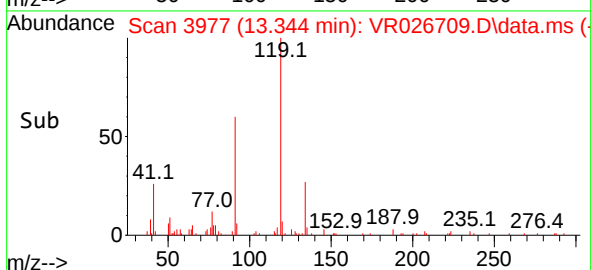
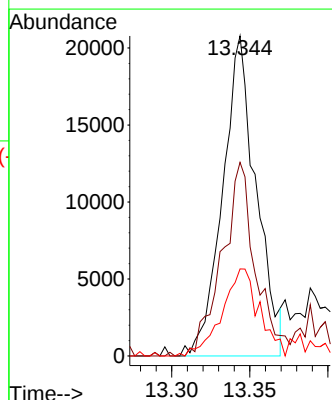
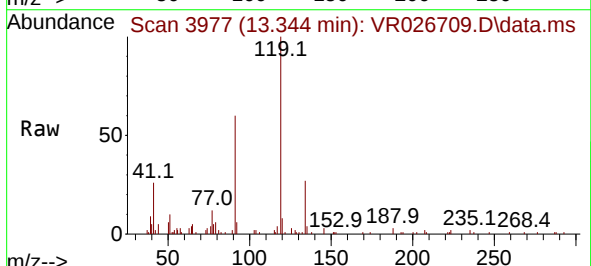
Instrument :
MSVOA_R
ClientSampleId :

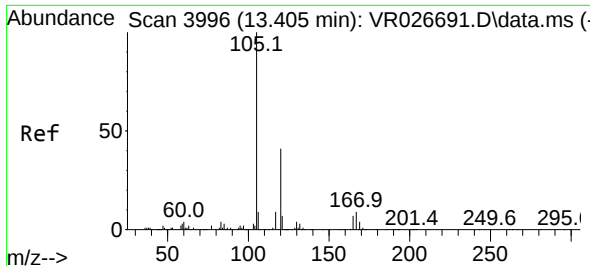
Tgt Ion: 91 Resp: 33455
Ion Ratio Lower Upper
91 100
126 19.4 17.8 53.3



#82
tert-Butylbenzene
Concen: 2.264 ug/l
RT: 13.344 min Scan# 3977
Delta R.T. -0.010 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 119 Resp: 31100
Ion Ratio Lower Upper
119 100
91 60.1 29.9 89.7
134 30.0 13.5 40.4

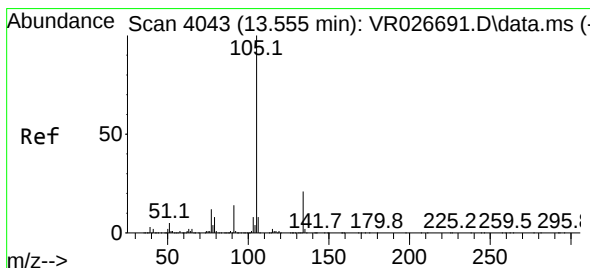
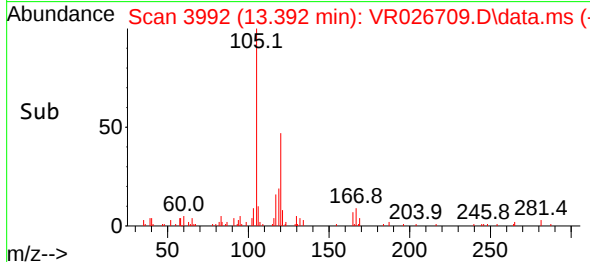
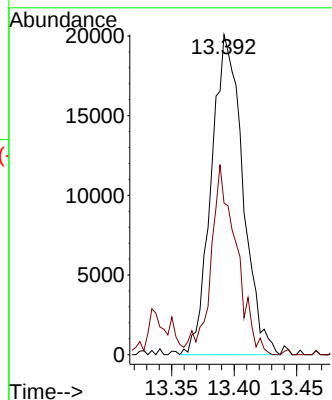
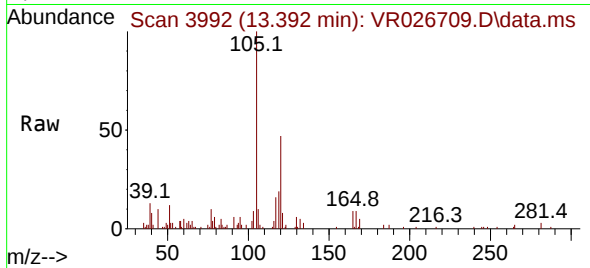




#83
1,2,4-Trimethylbenzene
Concen: 2.355 ug/l
RT: 13.392 min Scan# 3996
Delta R.T. -0.013 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

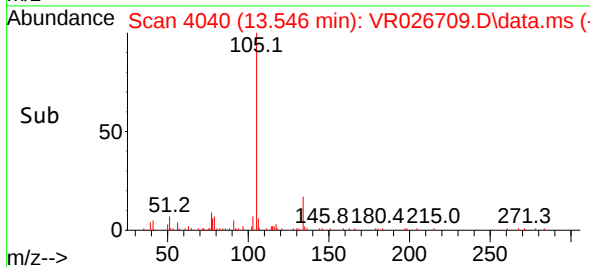
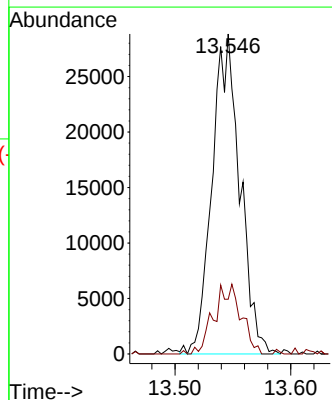
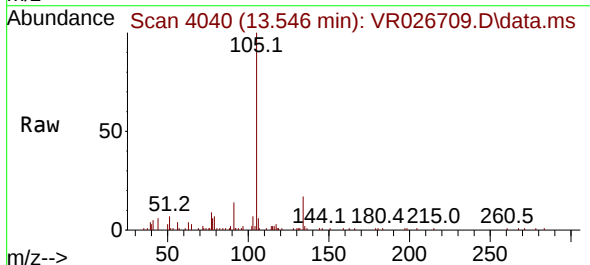
Instrument :
MSVOA_R
ClientSampleId :

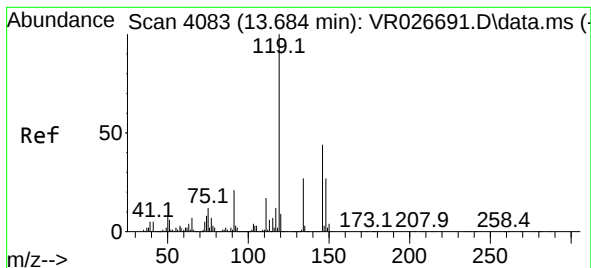
Tgt Ion:105 Resp: 35208
Ion Ratio Lower Upper
105 100
120 48.0 25.0 75.0



#84
sec-Butylbenzene
Concen: 2.365 ug/l
RT: 13.546 min Scan# 4040
Delta R.T. -0.010 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion:105 Resp: 48196
Ion Ratio Lower Upper
105 100
134 11.8 10.4 31.1





#85

p-Isopropyltoluene

Concen: 2.109 ug/l

RT: 13.674 min Scan# 4105

Delta R.T. -0.009 min

Lab File: VR026709.D

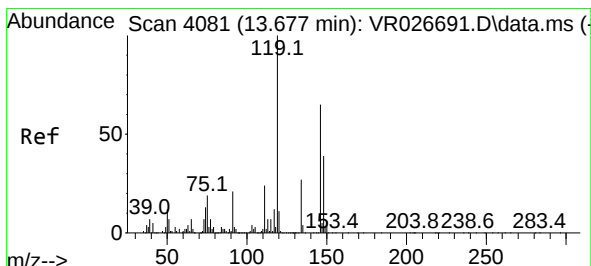
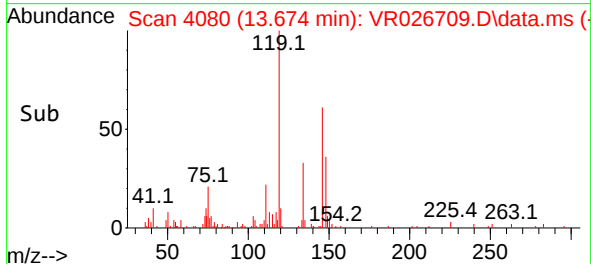
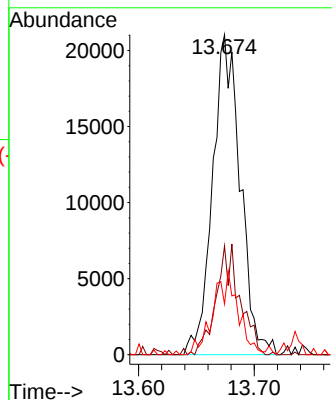
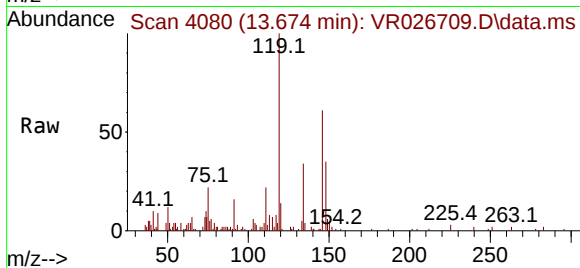
Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :

Tgt Ion:119	Resp:	35028
Ion Ratio	Lower	Upper
119	100	
134	29.4	13.9 41.7
91	11.9	10.4 31.2



#86

1,3-Dichlorobenzene

Concen: 2.999 ug/l

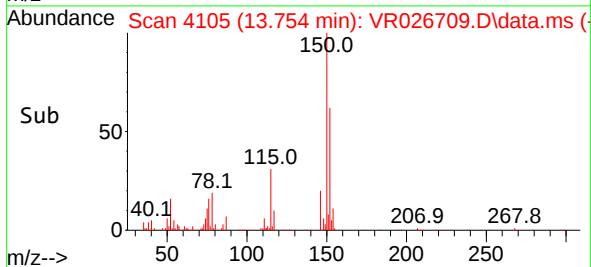
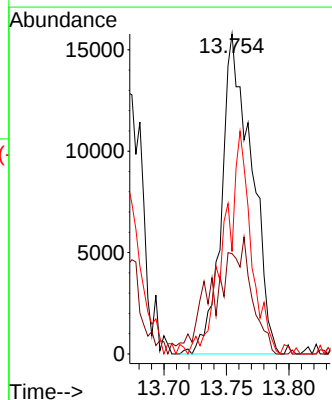
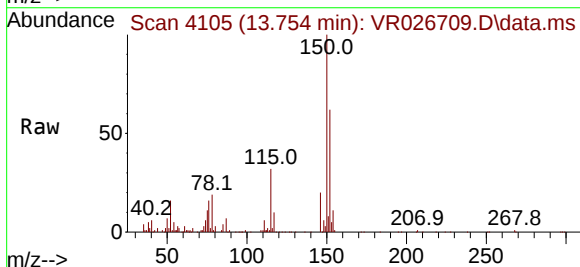
RT: 13.754 min Scan# 4105

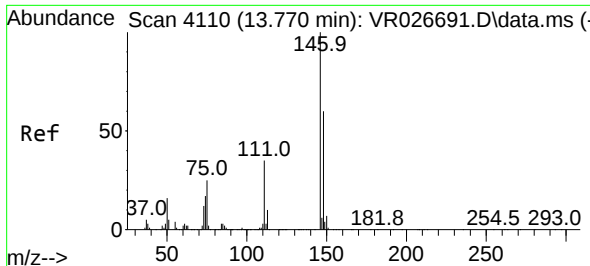
Delta R.T. 0.077 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Tgt Ion:146	Resp:	26278
Ion Ratio	Lower	Upper
146	100	
111	32.1	19.4 58.2
148	61.4	31.4 94.3

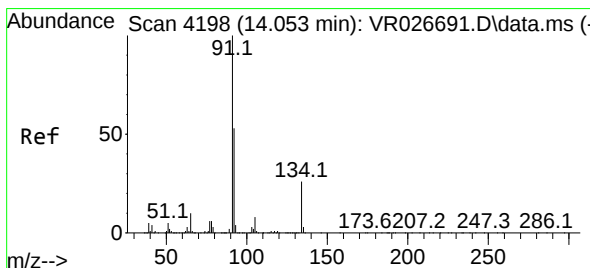
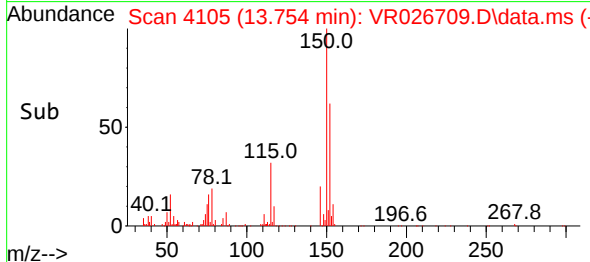
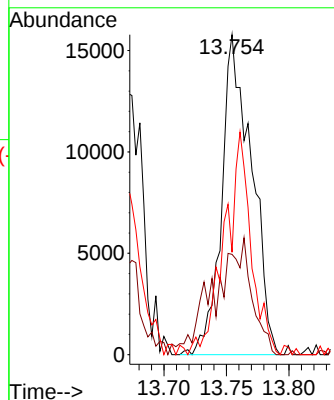
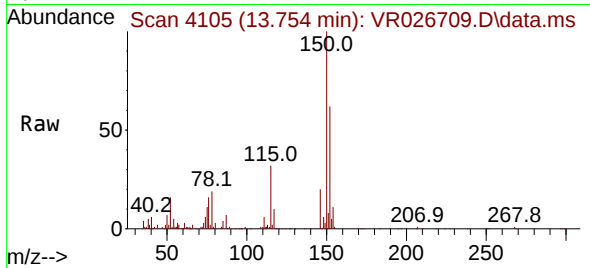




#87
1,4-Dichlorobenzene
Concen: 2.987 ug/l
RT: 13.754 min Scan# 4110
Delta R.T. -0.016 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

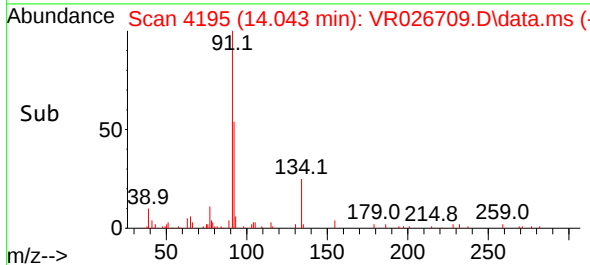
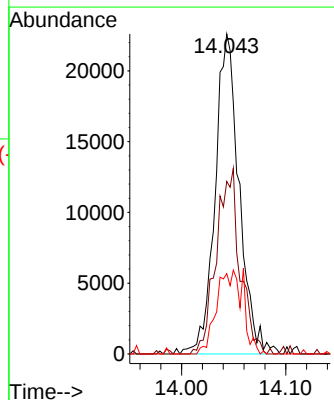
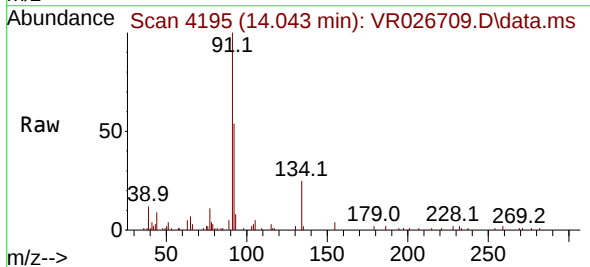
Instrument :
MSVOA_R
ClientSampleId :

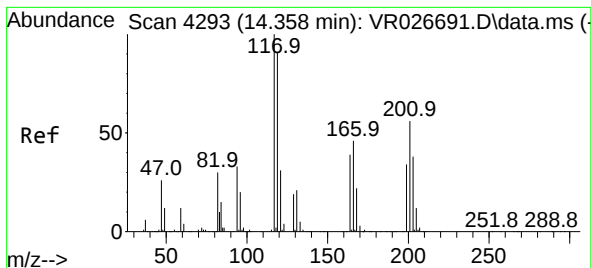
Tgt Ion:146 Resp: 26278
Ion Ratio Lower Upper
146 100
111 32.1 19.1 57.3
148 61.4 32.6 97.8



#88
n-Butylbenzene
Concen: 2.370 ug/l
RT: 14.043 min Scan# 4195
Delta R.T. -0.010 min
Lab File: VR026709.D
Acq: 5 Aug 2025 12:43

Tgt Ion: 91 Resp: 36286
Ion Ratio Lower Upper
91 100
92 57.3 27.1 81.2
134 29.0 13.1 39.3





#89

Hexachloroethane

Concen: 1.258 ug/l

RT: 14.342 min Scan# 4105

Delta R.T. -0.016 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

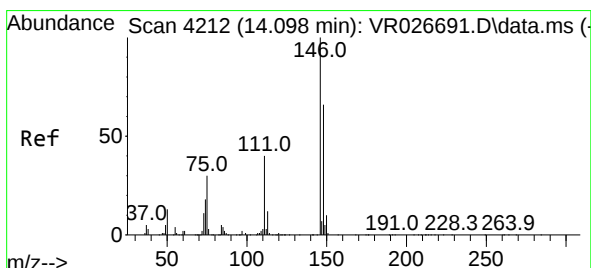
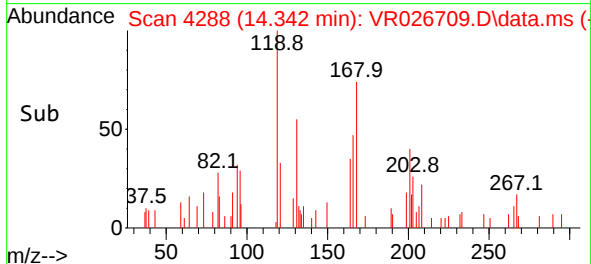
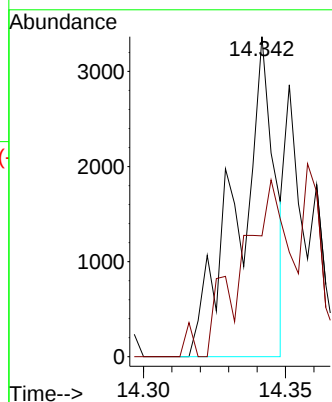
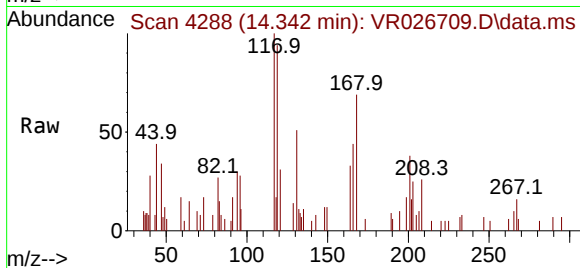
ClientSampleId :

Tgt Ion:117 Resp: 3002

Ion Ratio Lower Upper

117 100

201 71.4 30.6 92.0



#90

1,2-Dichlorobenzene

Concen: 3.193 ug/l

RT: 13.754 min Scan# 4105

Delta R.T. -0.343 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

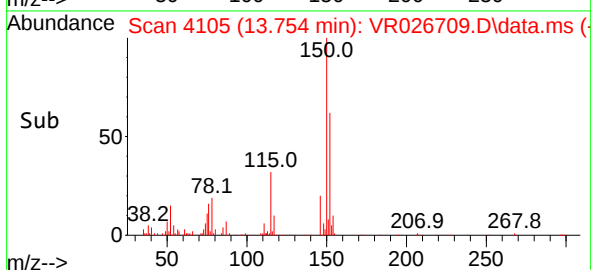
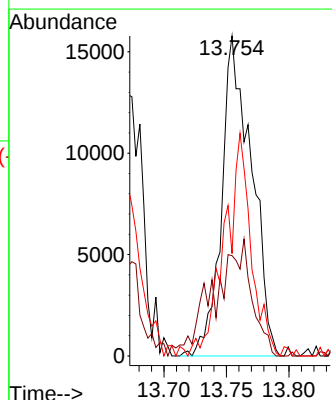
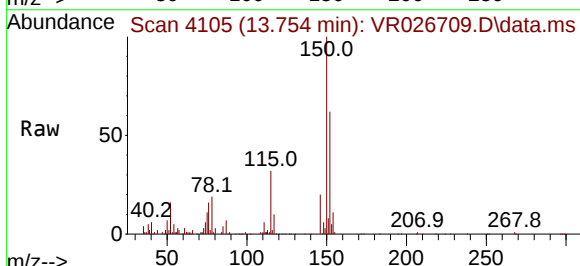
Tgt Ion:146 Resp: 26278

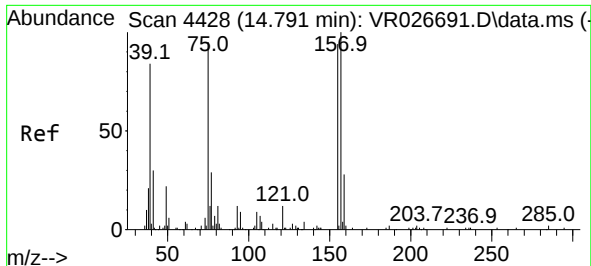
Ion Ratio Lower Upper

146 100

111 32.1 20.0 60.0

148 61.4 32.4 97.0

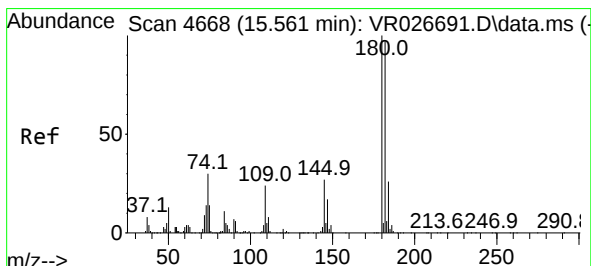
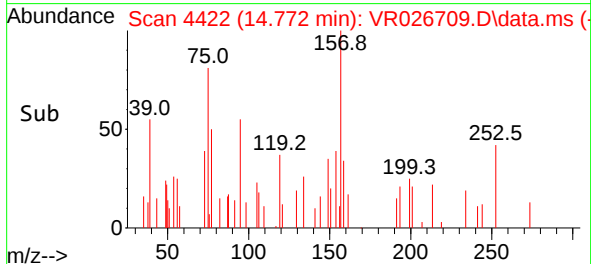
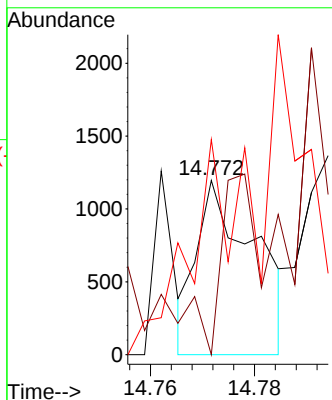
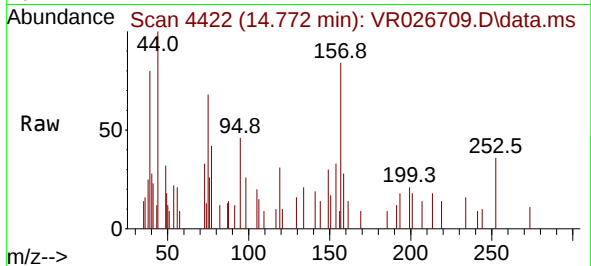




#91
 1,2-Dibromo-3-Chloropropane
 Concen: 1.223 ug/l
 RT: 14.772 min Scan# 4428
 Delta R.T. -0.019 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

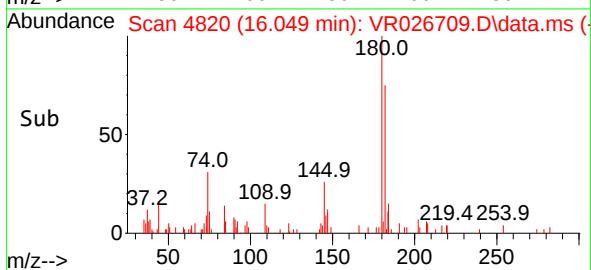
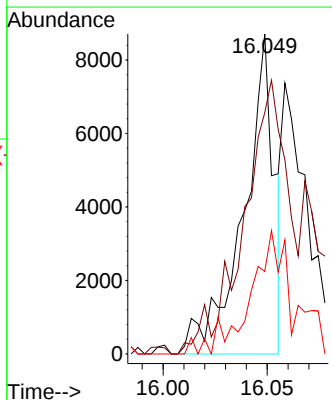
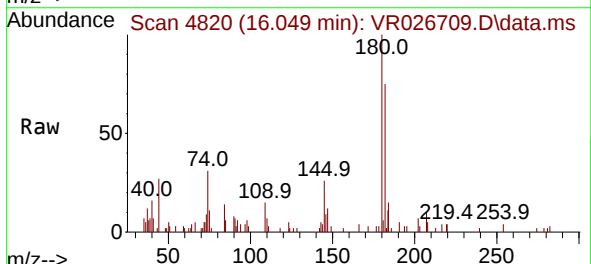
Instrument :
 MSVOA_R
 ClientSampleId :

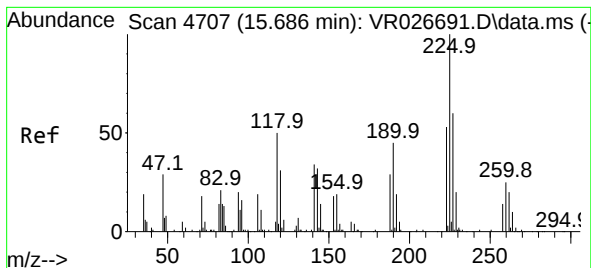
Tgt Ion: 75 Resp: 923
 Ion Ratio Lower Upper
 75 100
 155 68.7 48.0 144.2
 157 80.4 59.5 178.4



#92
 1,2,4-Trichlorobenzene
 Concen: 1.783 ug/l
 RT: 16.049 min Scan# 4820
 Delta R.T. 0.488 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

Tgt Ion:180 Resp: 8774
 Ion Ratio Lower Upper
 180 100
 182 123.7 47.0 141.0
 145 30.2 15.2 45.5





#93

Hexachlorobutadiene

Concen: 1.887 ug/l

RT: 15.667 min Scan# 41

Delta R.T. -0.019 min

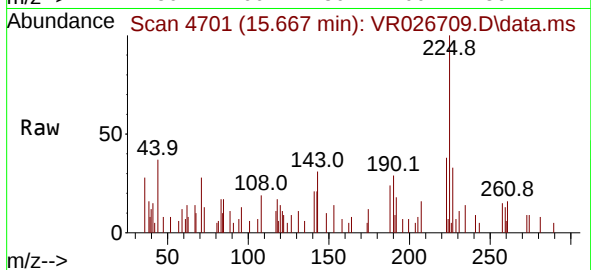
Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

Instrument :

MSVOA_R

ClientSampleId :



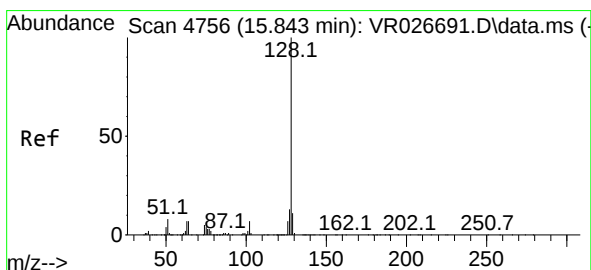
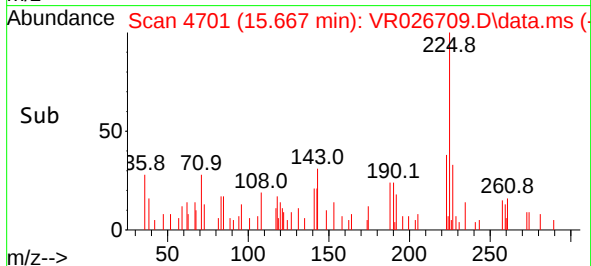
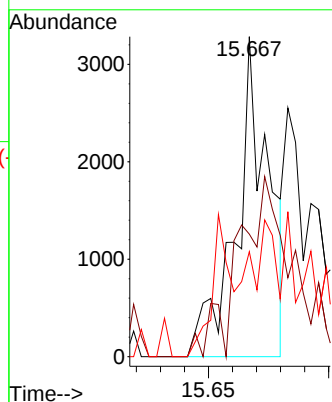
Tgt Ion:225 Resp: 3018

Ion Ratio Lower Upper

225 100

223 94.3 31.4 94.2#

227 15.4 31.6 95.0#



#94

Naphthalene

Concen: 4.441 ug/l

RT: 15.831 min Scan# 4752

Delta R.T. -0.013 min

Lab File: VR026709.D

Acq: 5 Aug 2025 12:43

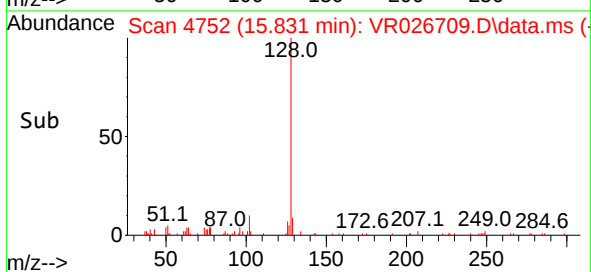
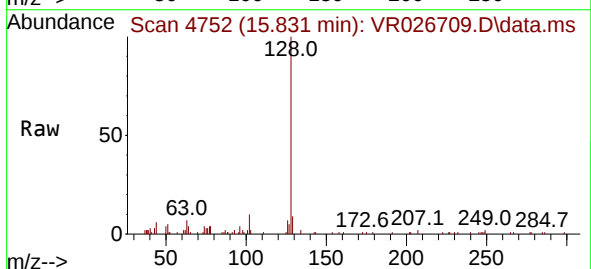
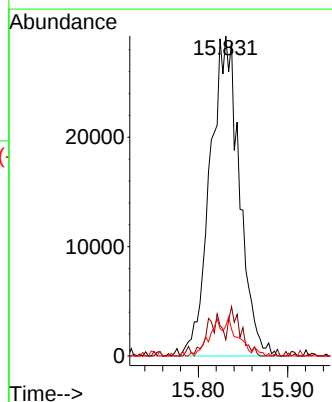
Tgt Ion:128 Resp: 66977

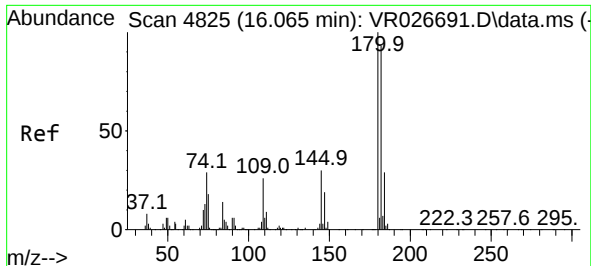
Ion Ratio Lower Upper

128 100

127 6.5 9.8 14.8#

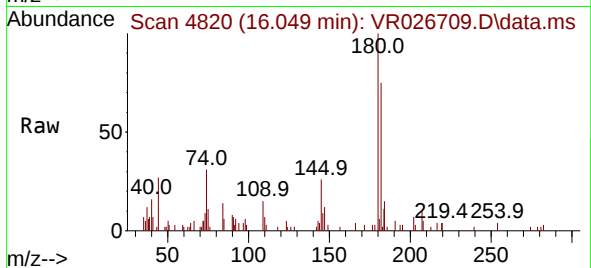
129 4.9 8.6 13.0#





#95
 1,2,3-Trichlorobenzene
 Concen: 1.878 ug/l
 RT: 16.049 min Scan# 41
 Delta R.T. -0.016 min
 Lab File: VR026709.D
 Acq: 5 Aug 2025 12:43

Instrument :
 MSVOA_R
 ClientSampleId :



Tgt Ion:180 Resp: 8774

Ion	Ratio	Lower	Upper
180	100		
182	123.7	47.2	141.6
145	30.2	15.5	46.5

