

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080425\
 Data File : VR026699.D
 Acq On : 4 Aug 2025 16:20
 Operator : SY/MD
 Sample : MDL01
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 MDL01

Quant Time: Aug 05 08:00:27 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	7.304	168	575309	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.331	114	1047606	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.540	117	786324	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.751	152	343379	50.000	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.693	65	369310	50.719	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.440%	
34) Dibromofluoromethane	7.205	113	314707	48.569	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.140%	
49) Toluene-d8	10.042	98	1190082	51.266	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.540%	
61) 4-Bromofluorobenzene	12.679	95	322560	48.853	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.700%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.670	85	9289	2.215	ug/l	88
3) Chloromethane	1.849	50	16404	2.632	ug/l #	86
4) Vinyl Chloride	1.965	62	16627	2.611	ug/l	93
5) Bromomethane	2.308	94	10903	3.513	ug/l #	69
6) Chloroethane	2.433	64	11733	2.861	ug/l #	85
7) Trichlorofluoromethane	2.719	101	32137	2.799	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.393	101	14884	2.403	ug/l #	29
10) Methyl Iodide	3.560	142	11900	1.991	ug/l	95
11) Tert butyl alcohol	4.330	59	1235	1.084	ug/l #	1
12) 1,1-Dichloroethene	3.357	96	7424	1.213	ug/l #	86
13) Acrolein	3.252	56	6902	4.144	ug/l #	72
14) Allyl chloride	3.900	41	14451	1.200	ug/l #	75
15) Acrylonitrile	4.490	53	34439	7.615	ug/l #	29
16) Acetone	3.447	43	76159	22.285	ug/l #	85
17) Carbon Disulfide	3.646	76	16759	1.850	ug/l #	82
18) Methyl Acetate	3.906	43	23635	1.657	ug/l #	78
19) Methyl tert-butyl Ether	4.574	73	37879	1.547	ug/l	98
20) Methylene Chloride	4.102	84	22838	2.816	ug/l #	93
21) trans-1,2-Dichloroethene	4.538	96	14205	2.111	ug/l	90
22) Diisopropyl ether	5.472	45	40164	1.424	ug/l #	67
23) Vinyl Acetate	5.402	43	240709	14.963	ug/l #	87
24) 1,1-Dichloroethane	5.328	63	15292	1.070	ug/l	96
25) 2-Butanone	6.383	43	47421	8.965	ug/l #	68
26) 2,2-Dichloropropane	6.351	77	10640	1.077	ug/l	81
27) cis-1,2-Dichloroethene	6.361	96	21689	2.506	ug/l	99
28) Bromochloromethane	6.756	49	17305	3.361	ug/l #	66
29) Chloroform	6.958	83	31315	2.530	ug/l	97
30) Cyclohexane	7.295	56	3765	0.326	ug/l #	54
31) 1,1,1-Trichloroethane	7.186	97	2172	0.243	ug/l #	1
35) 1,1-Dichloropropene	7.436	75	18752	2.294	ug/l #	51
36) Ethyl Acetate	6.486	43	16899	1.727	ug/l #	95
37) Carbon Tetrachloride	7.420	117	6355	0.955	ug/l #	64
38) Methylcyclohexane	8.890	83	20749	2.218	ug/l #	82
39) Benzene	7.712	78	71918	2.443	ug/l	100
40) Methacrylonitrile	6.740	41	2678	0.440	ug/l #	32
41) 1,2-Dichloroethane	7.805	62	19924	2.661	ug/l	90

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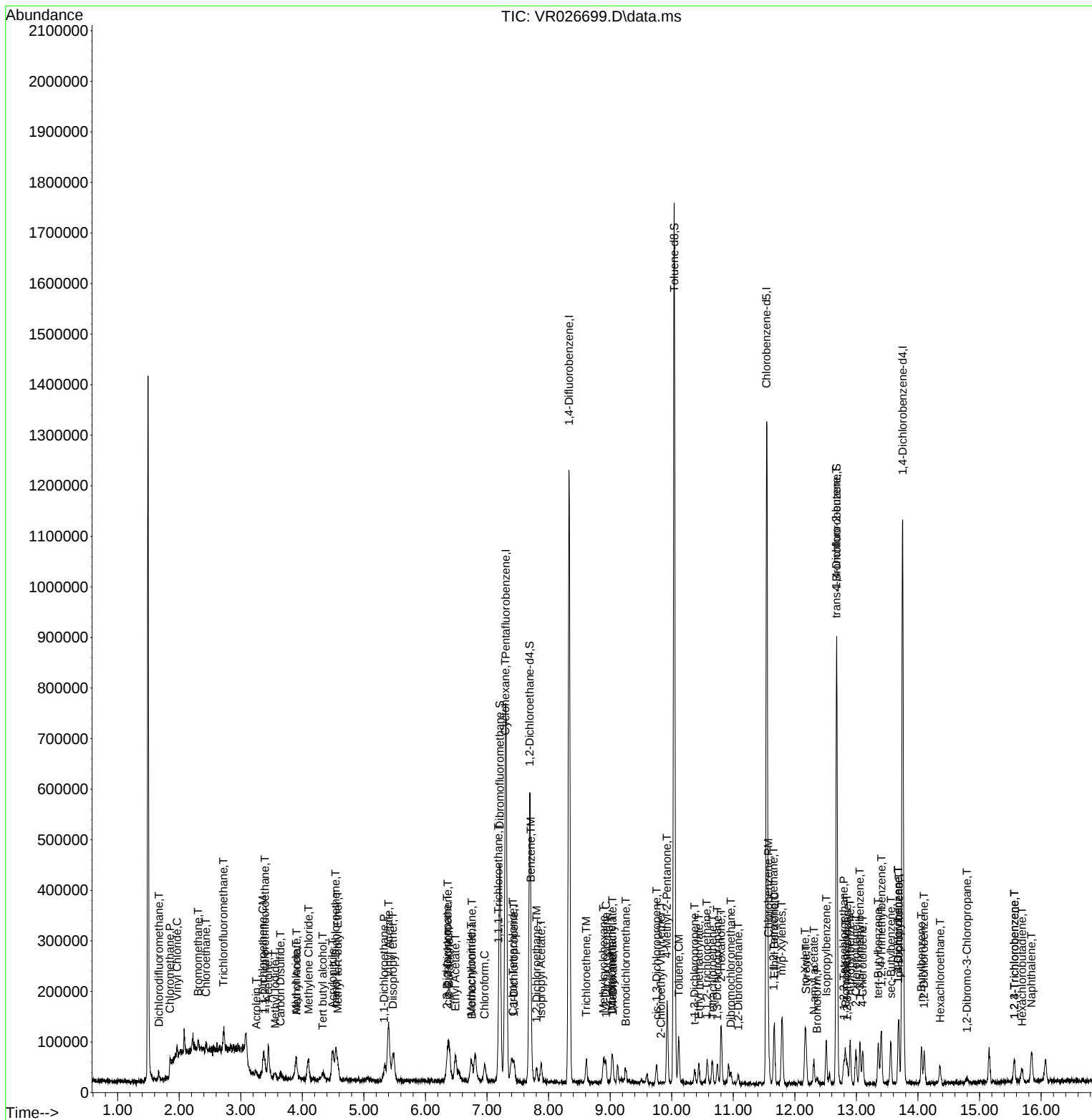
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R080425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 05 02:27:49 2025
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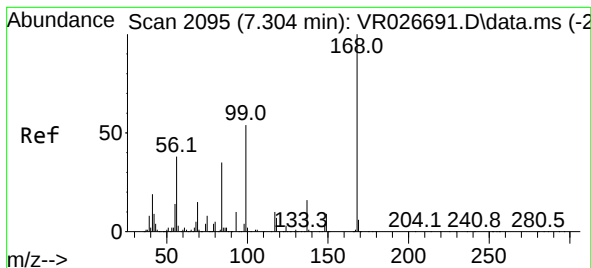
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Isopropyl Acetate	7.879	43	41209	2.619	ug/l	95
43) Trichloroethene	8.610	130	14189	2.506	ug/l	71
44) 1,2-Dichloropropane	8.931	63	17713	2.543	ug/l	90
45) Dibromomethane	9.024	93	9544	2.464	ug/l #	79
46) Bromodichloromethane	9.255	83	15639	2.083	ug/l	85
47) Methyl methacrylate	9.037	41	9536	1.385	ug/l #	46
48) 1,4-Dioxane	9.047	88	7361	66.354	ug/l #	25
50) 4-Methyl-2-Pentanone	9.923	43	113085	13.766	ug/l	96
51) Toluene	10.115	92	36960	2.460	ug/l	92
52) t-1,3-Dichloropropene	10.372	75	14291	1.942	ug/l #	86
53) cis-1,3-Dichloropropene	9.753	75	18948	2.147	ug/l	91
54) 1,1,2-Trichloroethane	10.571	97	6960	1.268	ug/l #	69
55) Ethyl methacrylate	10.443	69	21258	2.346	ug/l	97
56) 1,3-Dichloropropane	10.738	76	24743	2.647	ug/l	98
57) 2-Chloroethyl Vinyl ether	9.823	63	217	0.433	ug/l	96
58) 2-Hexanone	10.802	43	78714	14.213	ug/l	99
59) Dibromochloromethane	10.959	129	10529	2.267	ug/l	97
60) 1,2-Dibromoethane	11.081	107	11540	2.443	ug/l	93
63) Tetrachloroethene	10.667	164	5145	1.198	ug/l #	67
64) Chlorobenzene	11.569	112	40752	2.490	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.656	131	5583	1.249	ug/l #	13
66) Ethyl Benzene	11.669	91	62999	2.306	ug/l	94
67) m/p-Xylenes	11.787	106	23110	2.117	ug/l #	1
68) o-Xylene	12.166	106	22300	2.104	ug/l	92
69) Styrene	12.182	104	41509	2.344	ug/l #	68
70) Bromoform	12.358	173	2505	0.990	ug/l #	96
72) Isopropylbenzene	12.509	105	60991	2.492	ug/l	96
73) N-amyl acetate	12.310	43	25782	2.657	ug/l	94
74) 1,1,2,2-Tetrachloroethane	12.795	83	18670	2.600	ug/l	96
75) 1,2,3-Trichloropropane	12.849	75	21220	3.728	ug/l #	100
76) Bromobenzene	12.824	156	14446	2.551	ug/l	93
77) n-propylbenzene	12.898	91	71046	2.433	ug/l	97
78) 2-Chlorotoluene	12.994	91	43547	2.629	ug/l	96
79) 1,3,5-Trimethylbenzene	13.055	105	44792	2.340	ug/l	96
80) trans-1,4-Dichloro-2-b...	12.676	75	149221	76.357	ug/l #	16
81) 4-Chlorotoluene	13.100	91	42493	2.511	ug/l	99
82) tert-Butylbenzene	13.353	119	42784	2.458	ug/l	97
83) 1,2,4-Trimethylbenzene	13.408	105	45913	2.424	ug/l	98
84) sec-Butylbenzene	13.562	105	65737	2.546	ug/l	98
85) p-Isopropyltoluene	13.690	119	48467	2.303	ug/l	87
86) 1,3-Dichlorobenzene	13.677	146	27212	2.451	ug/l	96
87) 1,4-Dichlorobenzene	13.677	146	27212	2.442	ug/l	97
88) n-Butylbenzene	14.056	91	43335	2.234	ug/l	95
89) Hexachloroethane	14.361	117	4392	1.453	ug/l	84
90) 1,2-Dichlorobenzene	14.098	146	28127	2.697	ug/l	98
91) 1,2-Dibromo-3-Chloropr...	14.794	75	2235	2.337	ug/l	79
92) 1,2,4-Trichlorobenzene	15.567	180	16123	2.585	ug/l	91
93) Hexachlorobutadiene	15.689	225	2180	1.076	ug/l	76
94) Naphthalene	15.843	128	69424	3.633	ug/l	96
95) 1,2,3-Trichlorobenzene	15.567	180	16123	2.723	ug/l	92

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

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ClientSampleId :
MDL01

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.304 min Scan# 2095

Delta R.T. 0.000 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

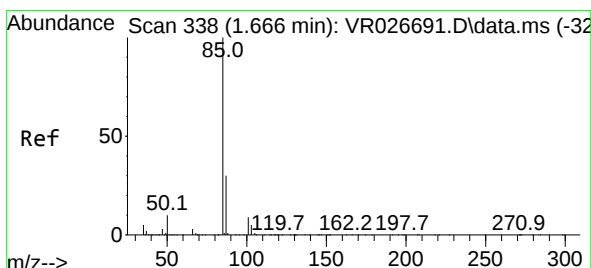
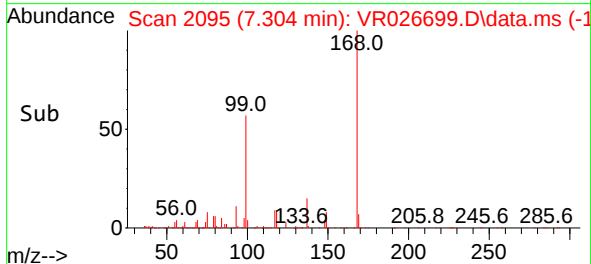
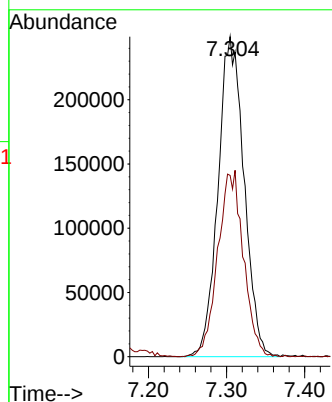
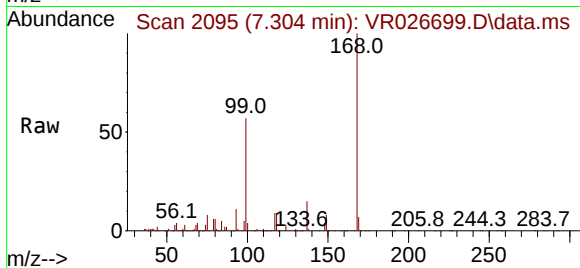
MDL01

Tgt Ion:168 Resp: 575309

Ion Ratio Lower Upper

168 100

99 56.6 43.8 65.8



#2

Dichlorodifluoromethane

Concen: 2.215 ug/l

RT: 1.670 min Scan# 339

Delta R.T. 0.003 min

Lab File: VR026699.D

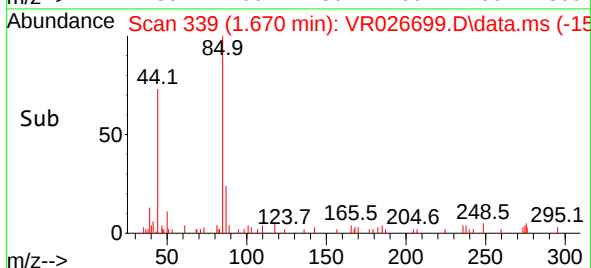
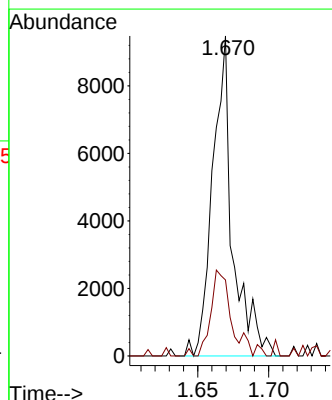
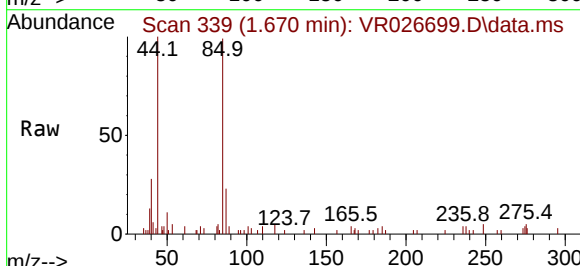
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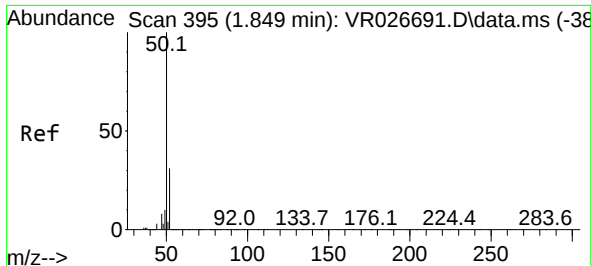
Tgt Ion: 85 Resp: 9289

Ion Ratio Lower Upper

85 100

87 23.7 15.2 45.5

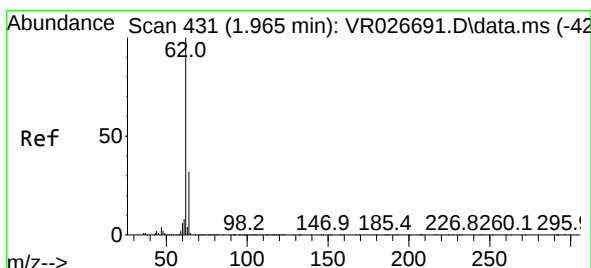
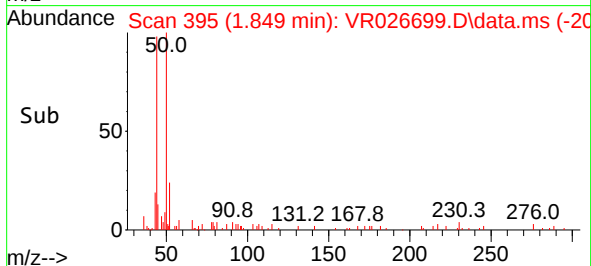
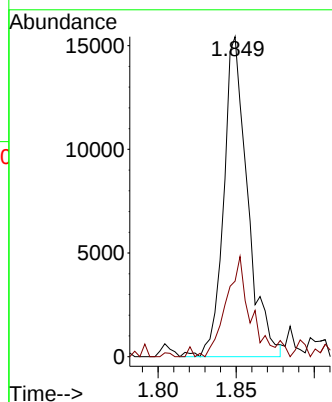
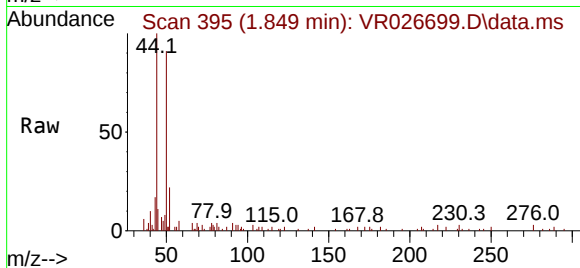




#3
Chloromethane
Concen: 2.632 ug/l
RT: 1.849 min Scan# 395
Delta R.T. -0.000 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

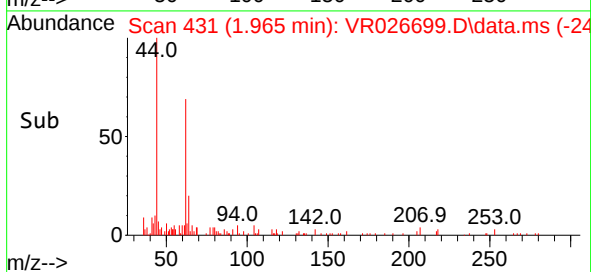
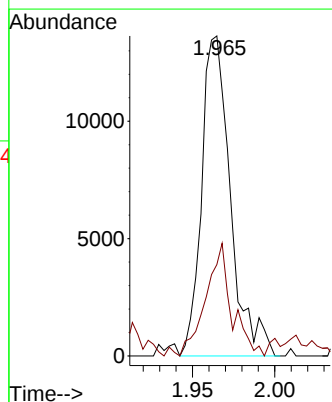
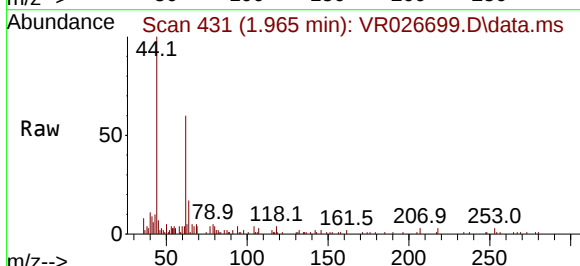
Instrument :
MSVOA_R
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MDL01

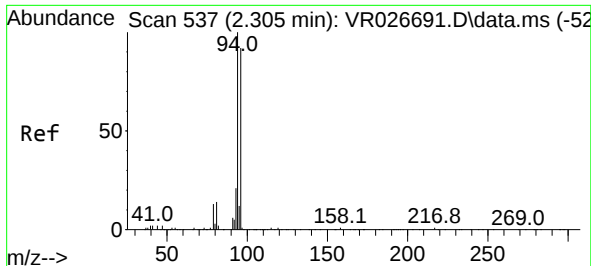
Tgt Ion: 50 Resp: 16404
Ion Ratio Lower Upper
50 100
52 23.6 25.0 37.4#



#4
Vinyl Chloride
Concen: 2.611 ug/l
RT: 1.965 min Scan# 431
Delta R.T. -0.000 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 62 Resp: 16627
Ion Ratio Lower Upper
62 100
64 28.5 25.9 38.9





#5

Bromomethane

Concen: 3.513 ug/l

RT: 2.308 min Scan# 51

Delta R.T. 0.003 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

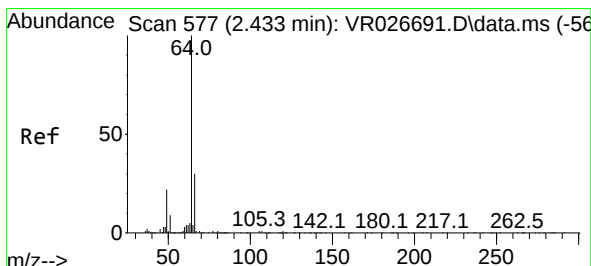
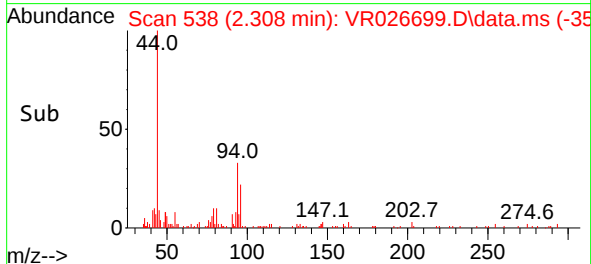
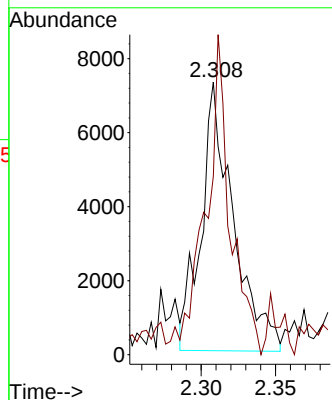
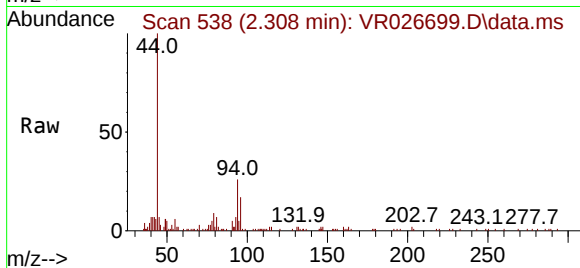
MDL01

Tgt Ion: 94 Resp: 10903

Ion Ratio Lower Upper

94 100

96 62.5 73.3 109.9#



#6

Chloroethane

Concen: 2.861 ug/l

RT: 2.433 min Scan# 577

Delta R.T. -0.000 min

Lab File: VR026699.D

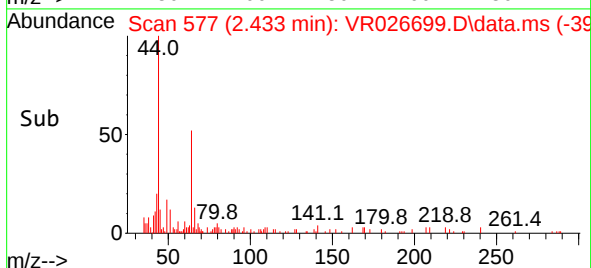
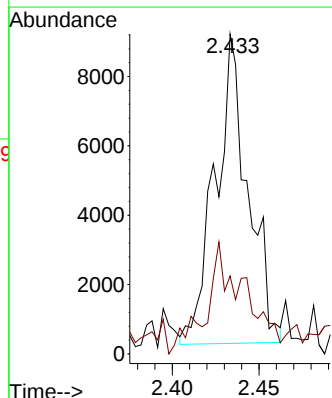
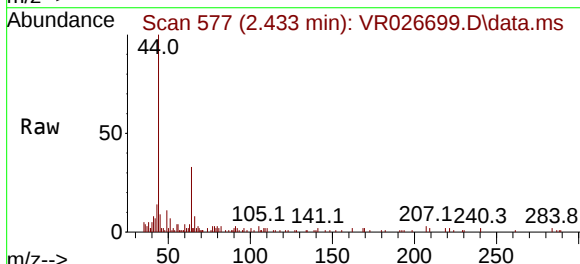
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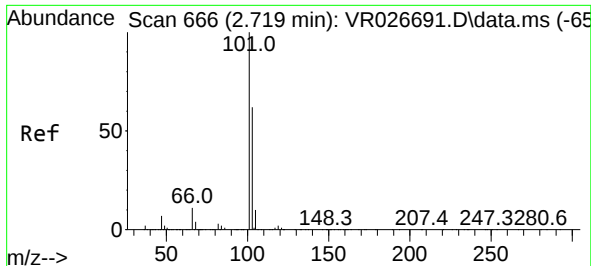
Tgt Ion: 64 Resp: 11733

Ion Ratio Lower Upper

64 100

66 22.1 24.3 36.5#

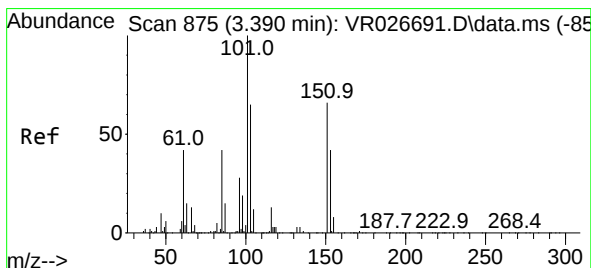
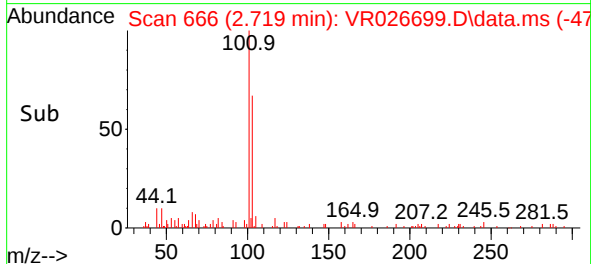
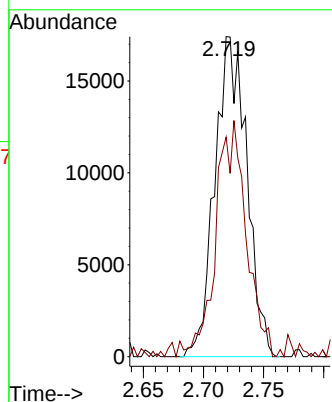
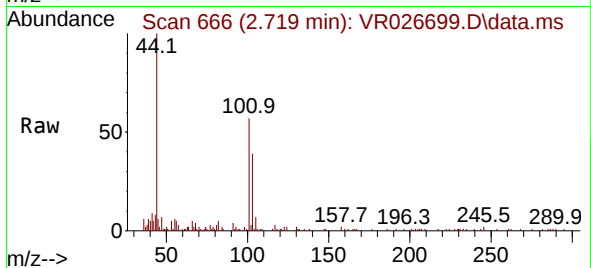




#7
Trichlorofluoromethane
Concen: 2.799 ug/l
RT: 2.719 min Scan# 666
Delta R.T. -0.000 min
Lab File: VR026699.D
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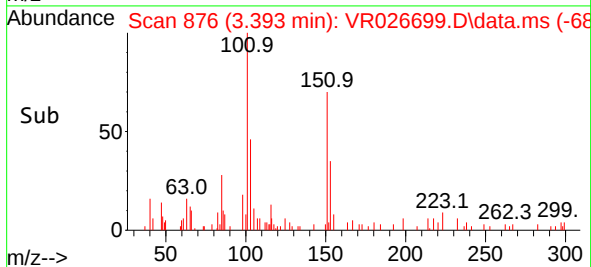
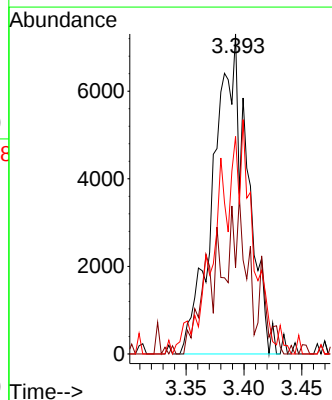
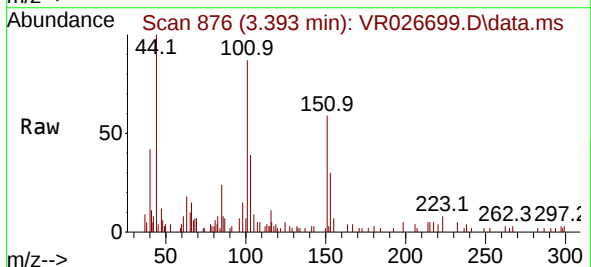
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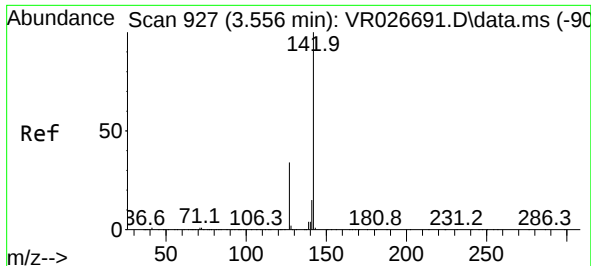
Tgt Ion:101 Resp: 32137
Ion Ratio Lower Upper
101 100
103 66.4 49.4 74.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.403 ug/l
RT: 3.393 min Scan# 876
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion:101 Resp: 14884
Ion Ratio Lower Upper
101 100
85 2.7 34.5 51.7#
151 5.4 53.4 80.0#

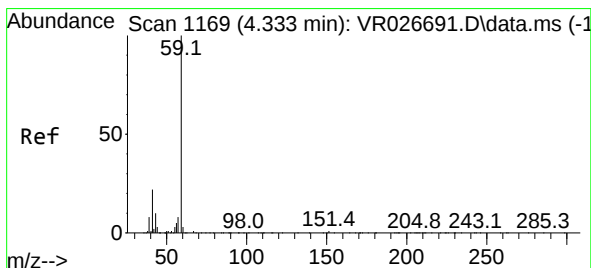
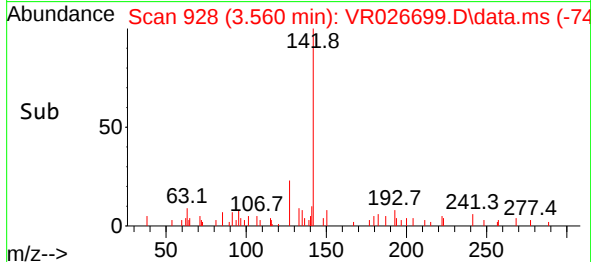
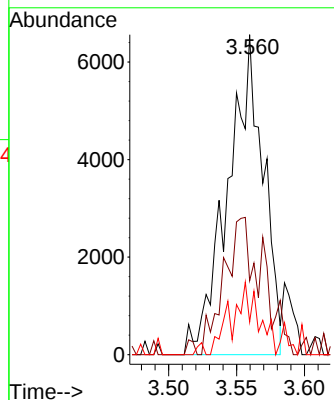
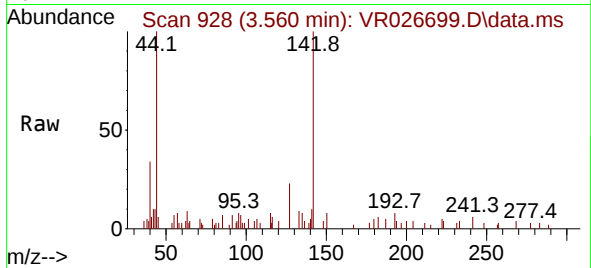




#10
Methyl Iodide
Concen: 1.991 ug/l
RT: 3.560 min Scan# 91
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

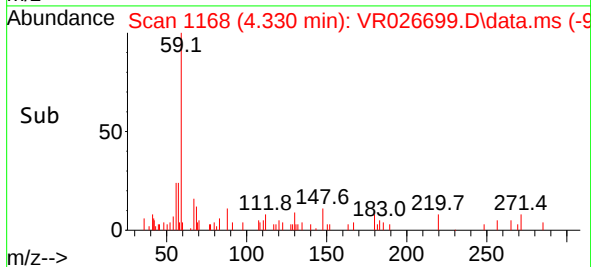
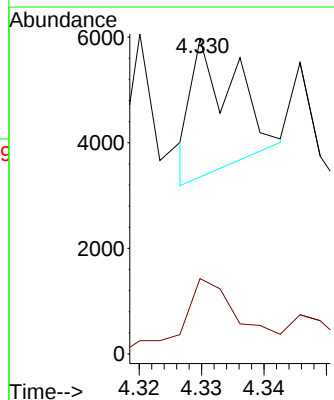
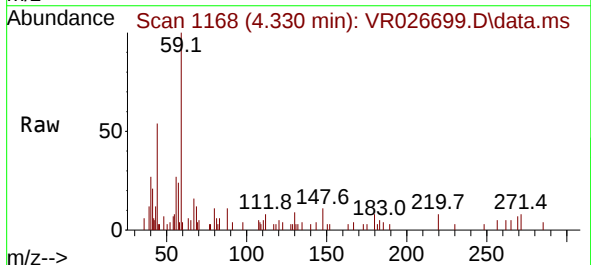
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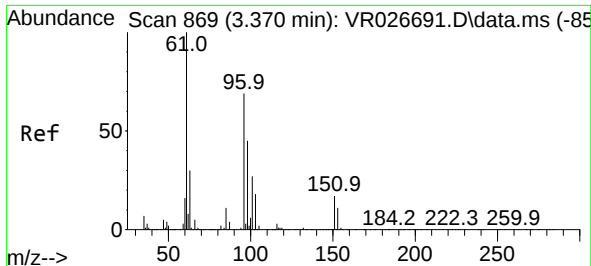
Tgt Ion:142 Resp: 11900
Ion Ratio Lower Upper
142 100
127 34.3 30.1 45.1
141 12.3 10.8 16.2



#11
Tert butyl alcohol
Concen: 1.084 ug/l
RT: 4.330 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 59 Resp: 1235
Ion Ratio Lower Upper
59 100
57 78.1 7.7 11.5#





#12

1,1-Dichloroethene

Concen: 1.213 ug/l

RT: 3.357 min Scan# 865

Delta R.T. -0.013 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

MDL01

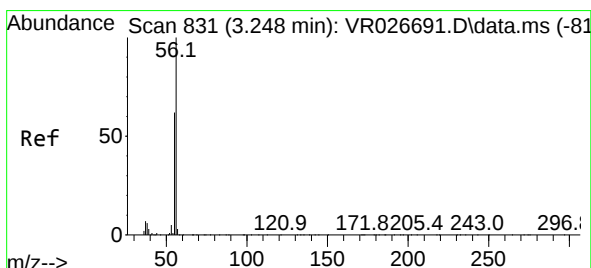
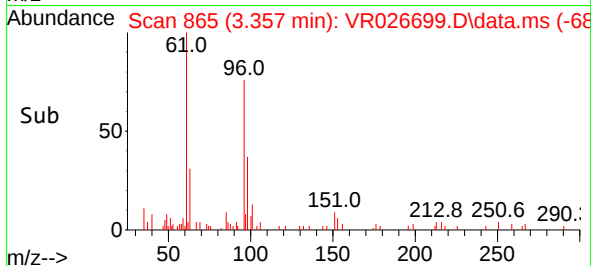
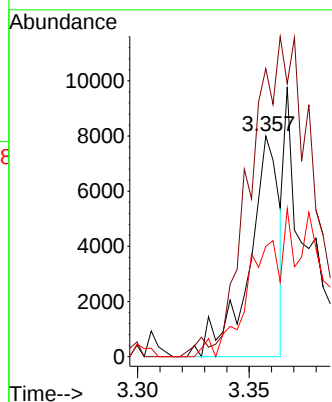
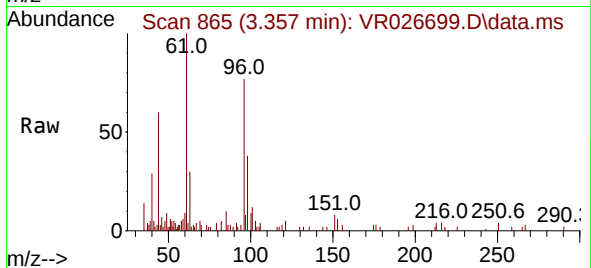
Tgt Ion: 96 Resp: 7424

Ion Ratio Lower Upper

96 100

61 130.5 116.2 174.4

98 49.9 52.3 78.5#



#13

Acrolein

Concen: 4.144 ug/l

RT: 3.252 min Scan# 832

Delta R.T. 0.003 min

Lab File: VR026699.D

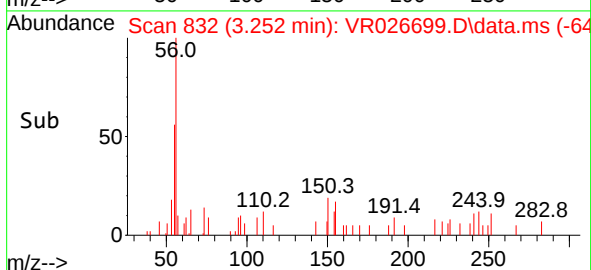
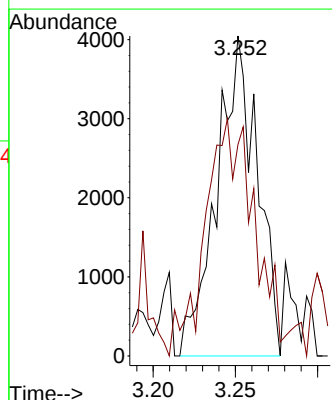
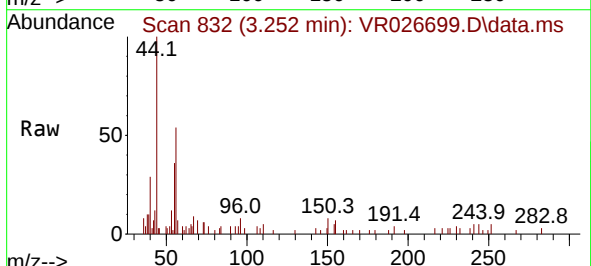
Acq: 4 Aug 2025 16:20

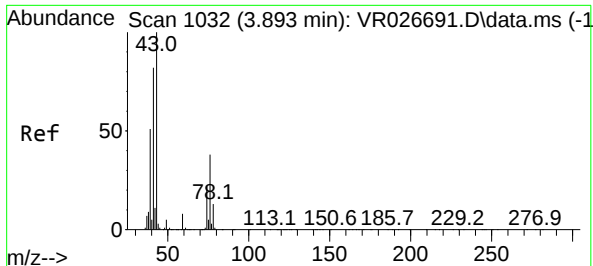
Tgt Ion: 56 Resp: 6902

Ion Ratio Lower Upper

56 100

55 90.0 53.8 80.8#





#14

Allyl chloride

Concen: 1.200 ug/l

RT: 3.900 min Scan# 1034

Delta R.T. 0.006 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

MDL01

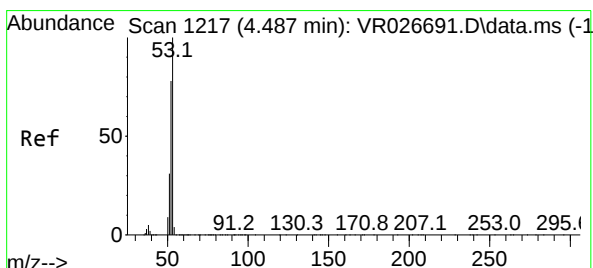
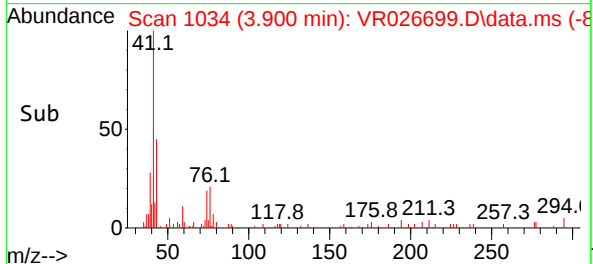
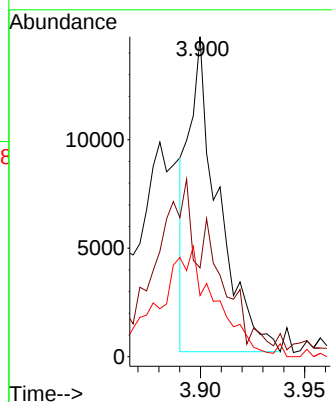
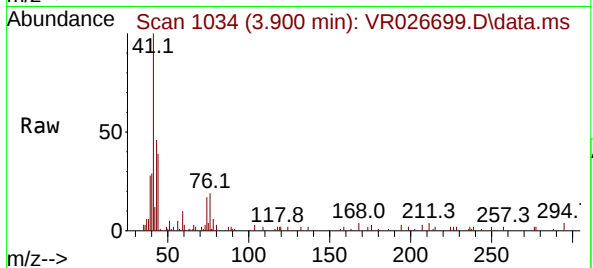
Tgt Ion: 41 Resp: 14451

Ion Ratio Lower Upper

41 100

39 48.7 44.2 66.2

76 67.3 31.0 46.4#



#15

Acrylonitrile

Concen: 7.615 ug/l

RT: 4.490 min Scan# 1218

Delta R.T. 0.003 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

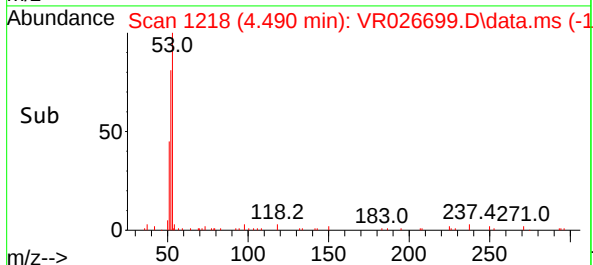
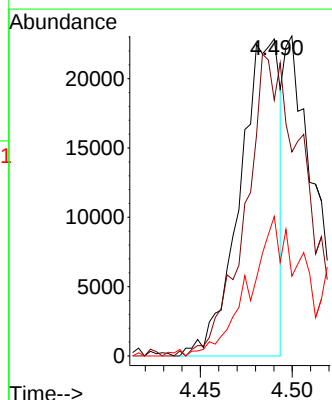
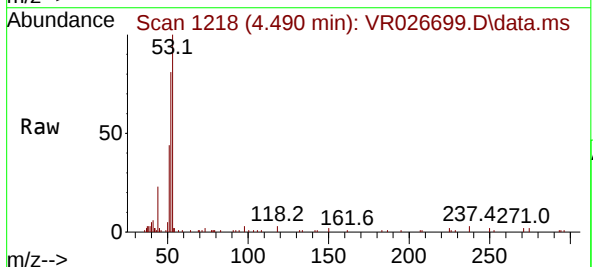
Tgt Ion: 53 Resp: 34439

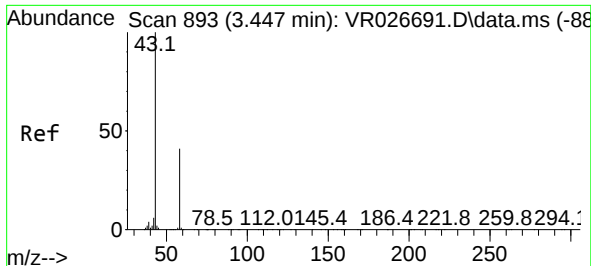
Ion Ratio Lower Upper

53 100

52 148.7 61.4 92.2#

51 55.2 25.8 38.6#

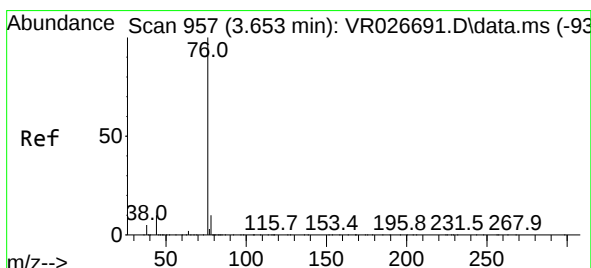
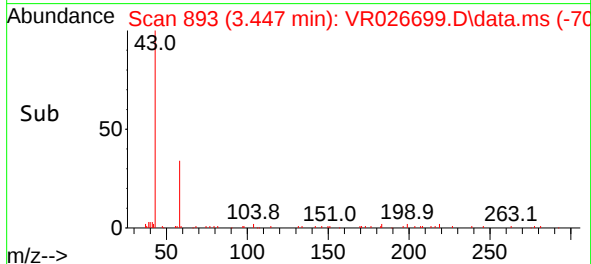
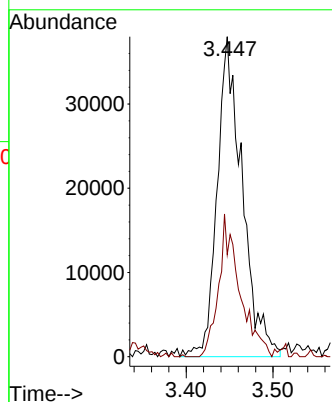
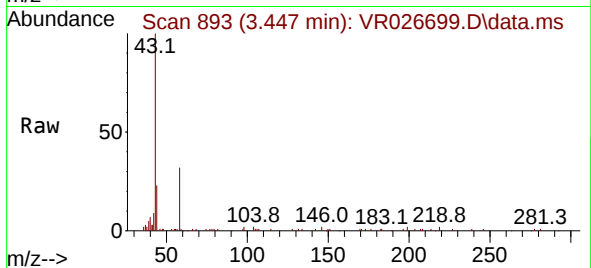




#16
Acetone
Concen: 22.285 ug/l
RT: 3.447 min Scan# 893
Delta R.T. -0.000 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

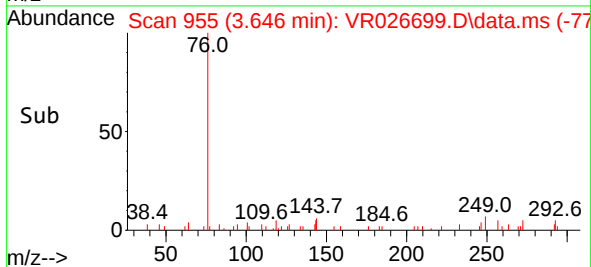
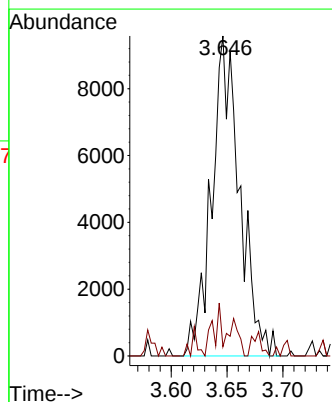
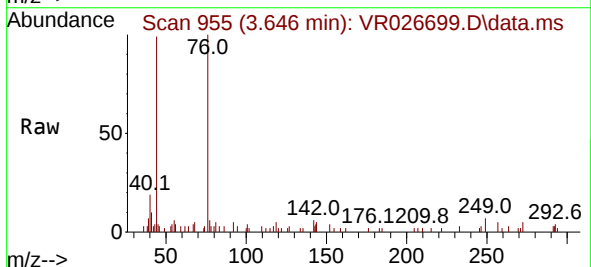
Instrument :
MSVOA_R
ClientSampleId :
MDL01

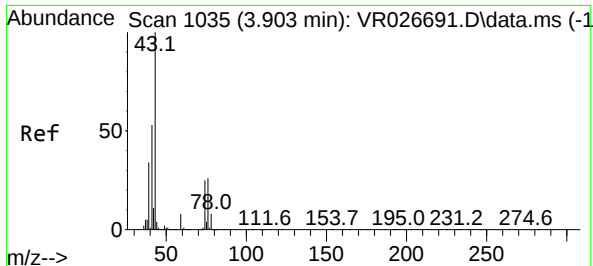
Tgt Ion: 43 Resp: 76159
Ion Ratio Lower Upper
43 100
58 31.9 32.9 49.3#



#17
Carbon Disulfide
Concen: 1.850 ug/l
RT: 3.646 min Scan# 955
Delta R.T. -0.006 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 76 Resp: 16759
Ion Ratio Lower Upper
76 100
78 2.9 7.8 11.6#





#18

Methyl Acetate

Concen: 1.657 ug/l

RT: 3.906 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

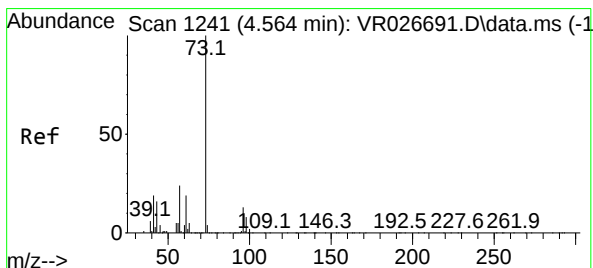
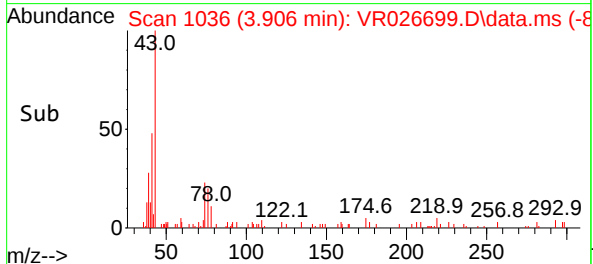
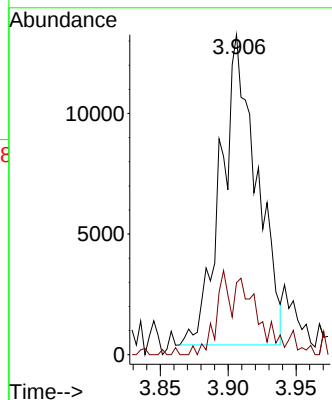
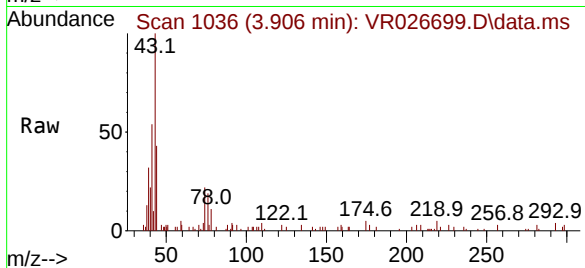
MDL01

Tgt Ion: 43 Resp: 23635

Ion Ratio Lower Upper

43 100

74 13.4 19.4 29.0#



#19

Methyl tert-butyl Ether

Concen: 1.547 ug/l

RT: 4.574 min Scan# 1244

Delta R.T. 0.010 min

Lab File: VR026699.D

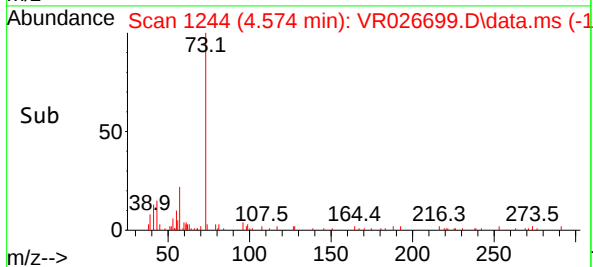
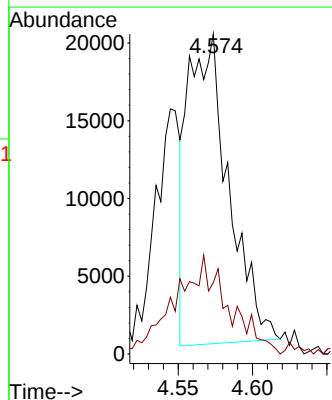
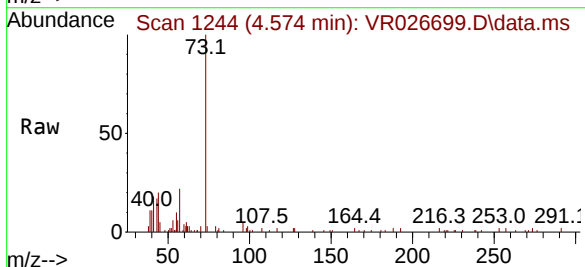
Acq: 4 Aug 2025 16:20

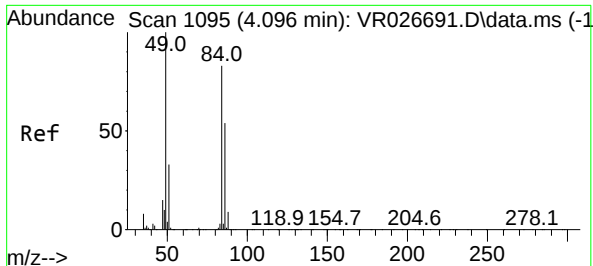
Tgt Ion: 73 Resp: 37879

Ion Ratio Lower Upper

73 100

57 23.4 19.4 29.0

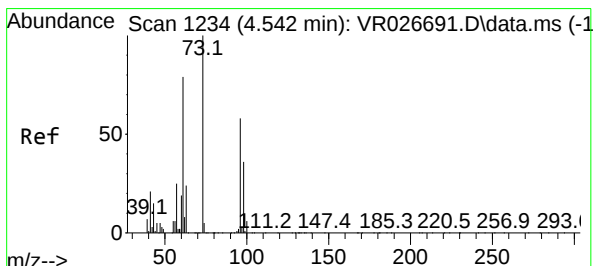
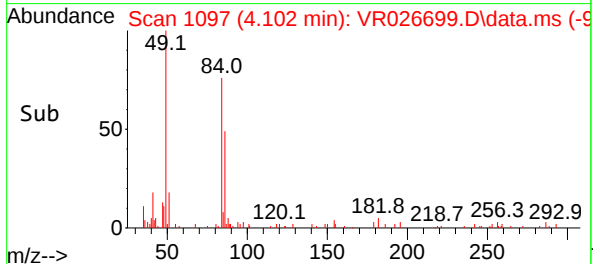
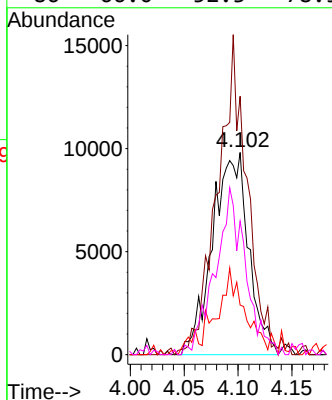
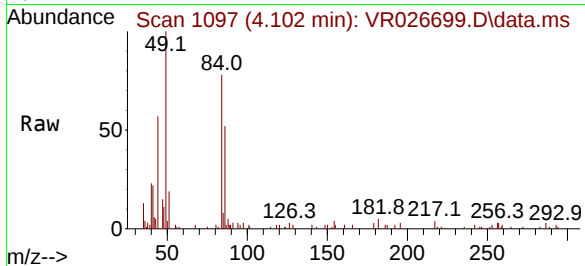




#20
Methylene Chloride
Concen: 2.816 ug/l
RT: 4.102 min Scan# 1097
Delta R.T. 0.006 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

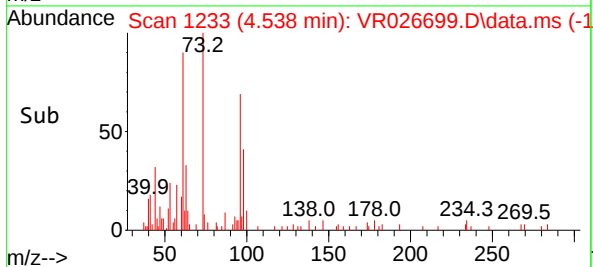
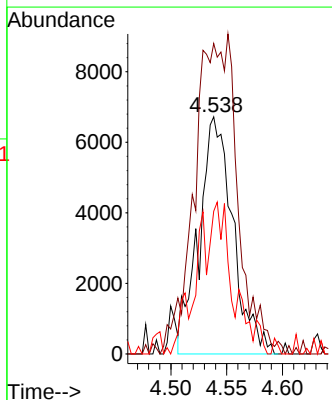
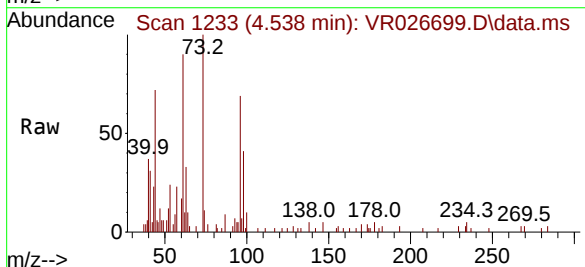
Instrument :
MSVOA_R
ClientSampleId :
MDL01

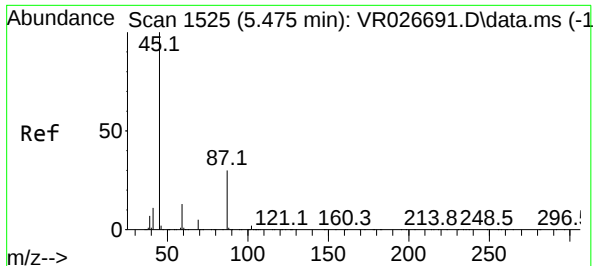
Tgt Ion:	84	Resp:	22838
Ion	Ratio	Lower	Upper
84	100		
49	125.7	96.2	144.4
51	24.5	31.8	47.6#
86	66.0	52.3	78.5



#21
trans-1,2-Dichloroethene
Concen: 2.111 ug/l
RT: 4.538 min Scan# 1233
Delta R.T. -0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion:	96	Resp:	14205
Ion	Ratio	Lower	Upper
96	100		
61	125.5	110.3	165.5
98	56.7	50.2	75.4

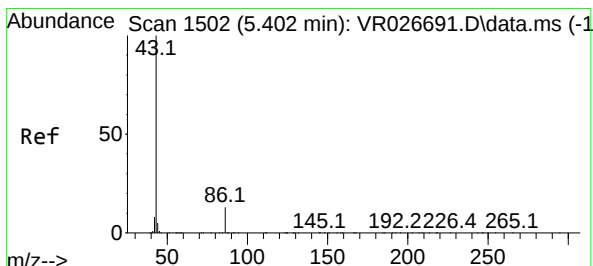
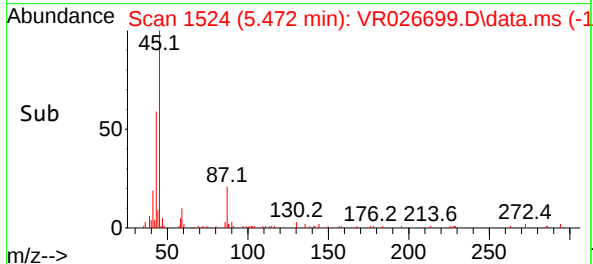
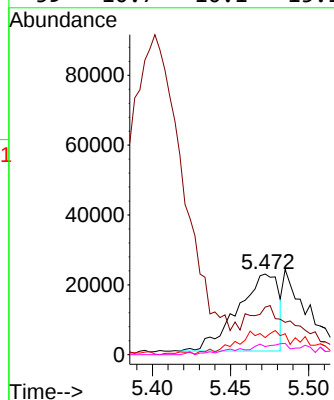
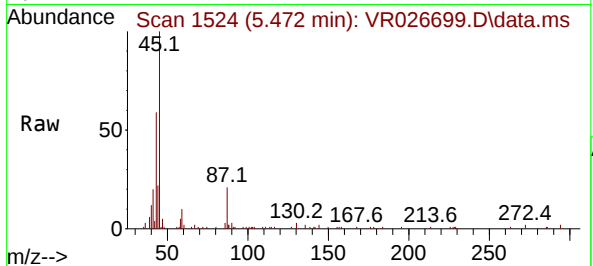




#22
Diisopropyl ether
Concen: 1.424 ug/l
RT: 5.472 min Scan# 1524
Delta R.T. -0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

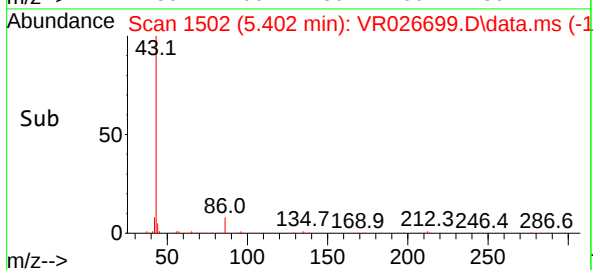
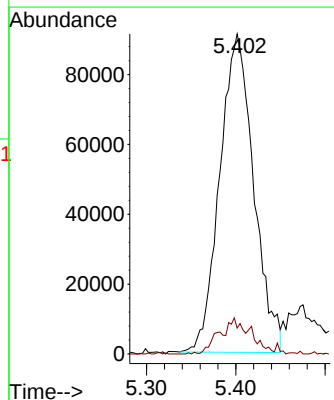
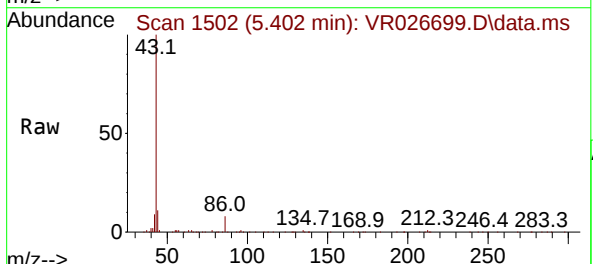
Instrument : MSVOA_R
ClientSampleId : MDL01

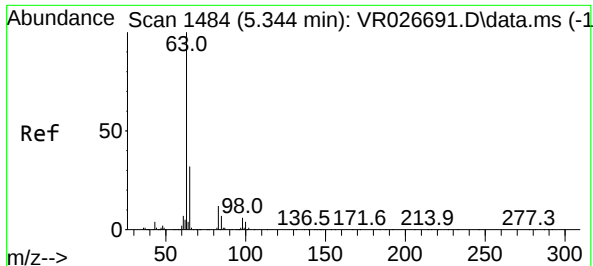
Tgt Ion:	45	Resp:	40164
Ion Ratio	Lower	Upper	
45	100		
43	15.8	38.2	57.2#
87	18.9	24.0	36.0#
59	10.7	10.1	15.1



#23
Vinyl Acetate
Concen: 14.963 ug/l
RT: 5.402 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion:	43	Resp:	240709
Ion Ratio	Lower	Upper	
43	100		
86	8.2	10.7	16.1#





#24

1,1-Dichloroethane

Concen: 1.070 ug/l

RT: 5.328 min Scan# 1479

Delta R.T. -0.016 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

MDL01

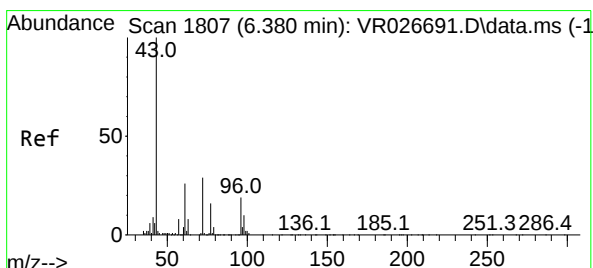
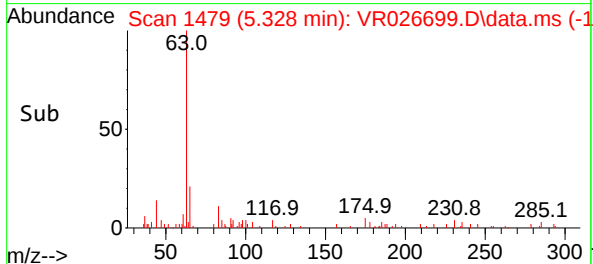
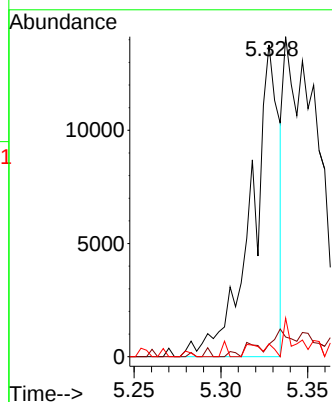
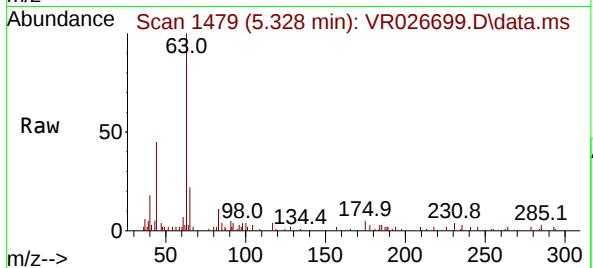
Tgt Ion: 63 Resp: 15292

Ion Ratio Lower Upper

63 100

98 4.0 2.9 8.8

100 4.1 1.8 5.4



#25

2-Butanone

Concen: 8.965 ug/l

RT: 6.383 min Scan# 1808

Delta R.T. 0.003 min

Lab File: VR026699.D

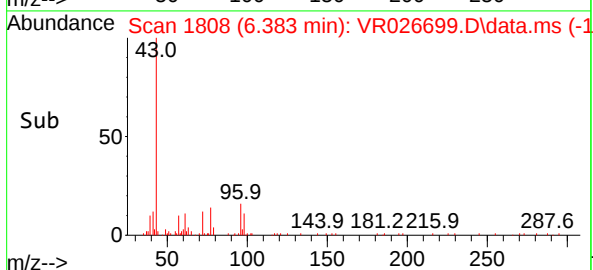
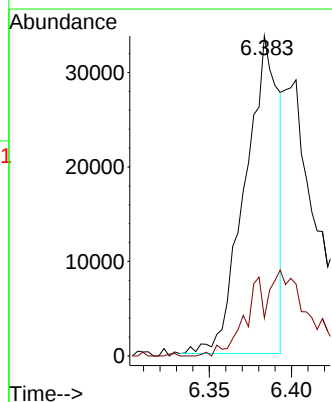
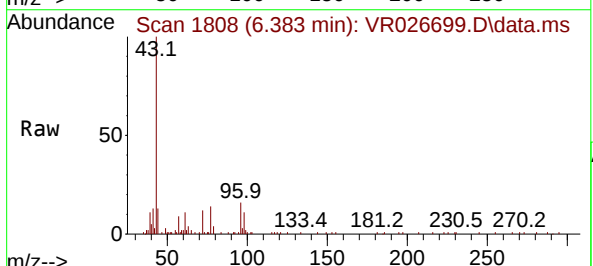
Acq: 4 Aug 2025 16:20

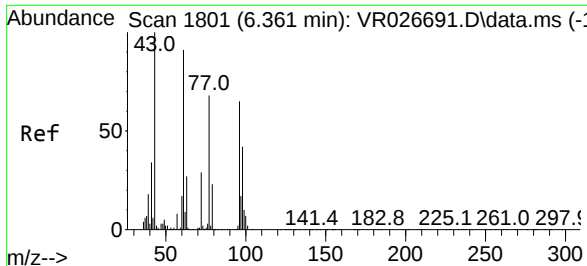
Tgt Ion: 43 Resp: 47421

Ion Ratio Lower Upper

43 100

72 12.0 23.1 34.7#





#26

2,2-Dichloropropane

Concen: 1.077 ug/l

RT: 6.351 min Scan# 11

Delta R.T. -0.010 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

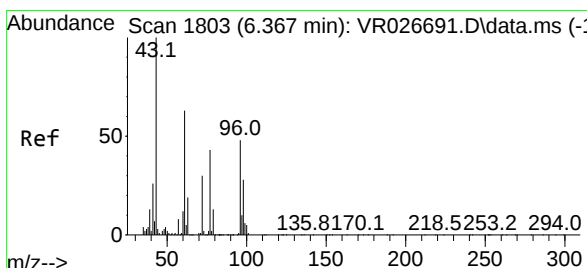
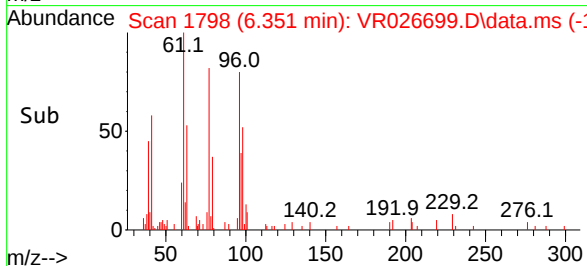
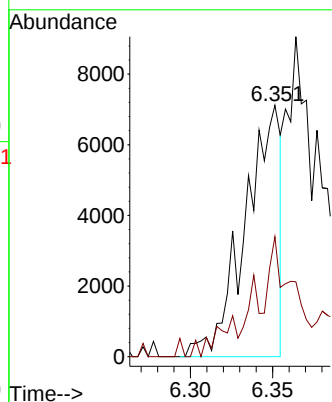
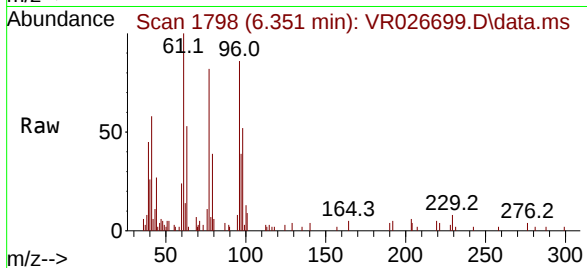
MDL01

Tgt Ion: 77 Resp: 10640

Ion Ratio Lower Upper

77 100

97 34.0 12.3 36.8



#27

cis-1,2-Dichloroethene

Concen: 2.506 ug/l

RT: 6.361 min Scan# 1801

Delta R.T. -0.006 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

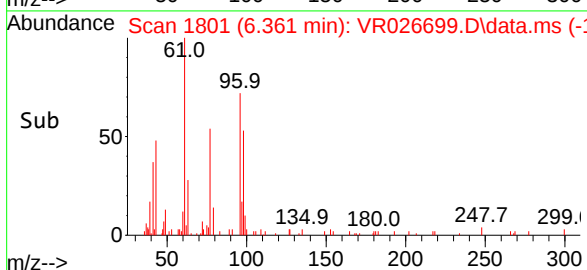
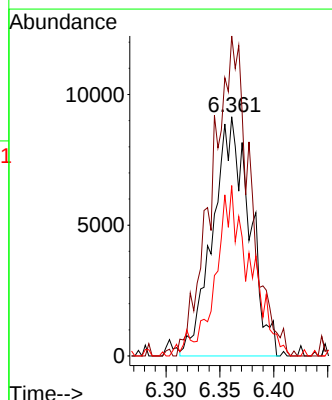
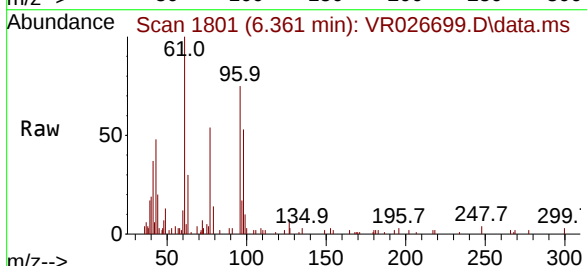
Tgt Ion: 96 Resp: 21689

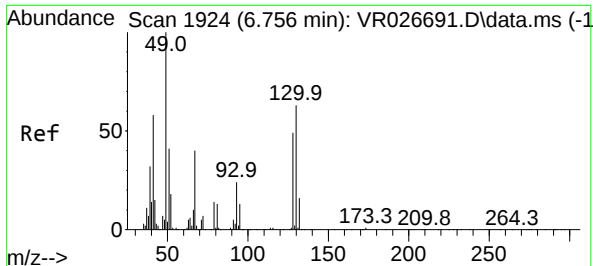
Ion Ratio Lower Upper

96 100

61 139.5 0.0 279.8

98 64.5 0.0 125.2

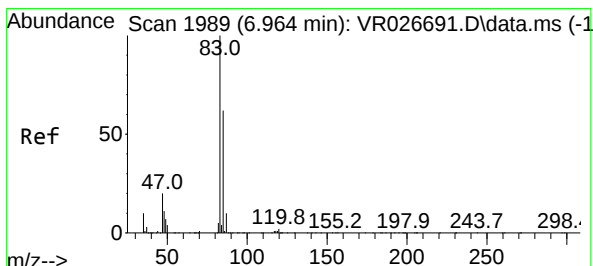
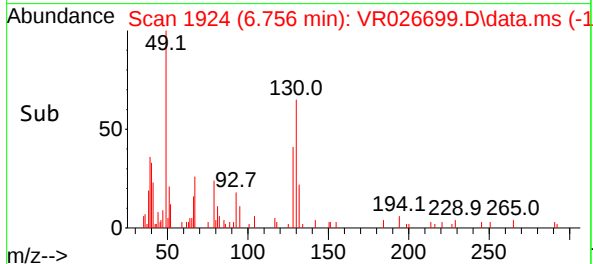
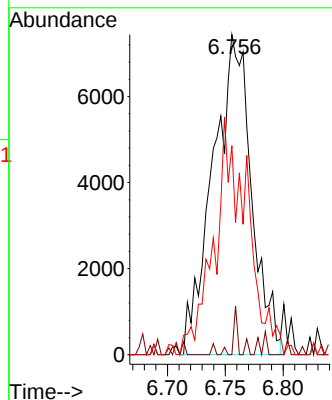
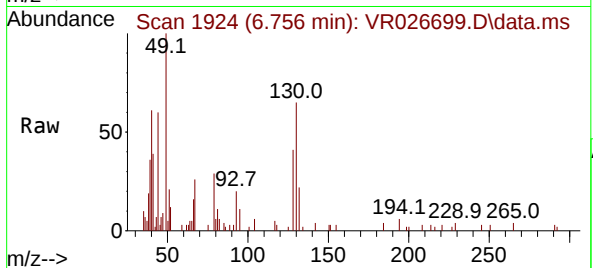




#28
Bromochloromethane
Concen: 3.361 ug/l
RT: 6.756 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

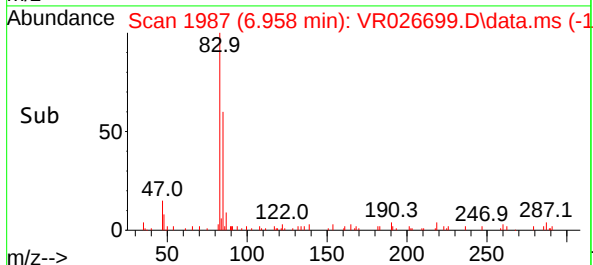
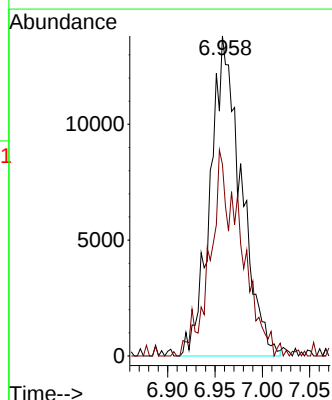
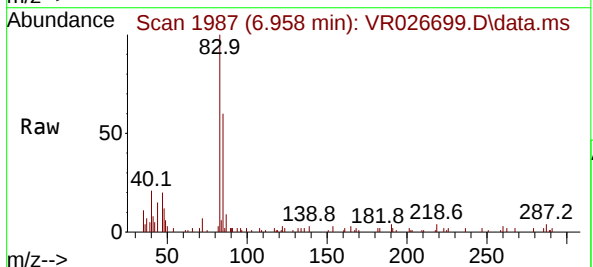
Instrument :
MSVOA_R
ClientSampleId :
MDL01

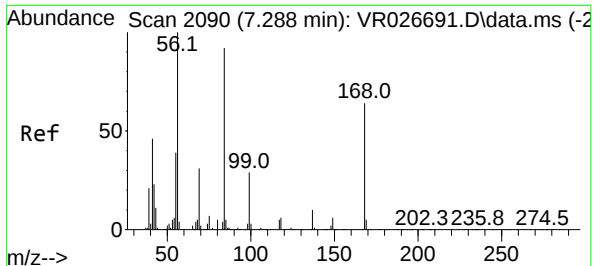
Tgt Ion: 49 Resp: 17305
Ion Ratio Lower Upper
49 100
129 1.5 0.0 3.4
130 37.9 52.2 78.4#



#29
Chloroform
Concen: 2.530 ug/l
RT: 6.958 min Scan# 1987
Delta R.T. -0.006 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 83 Resp: 31315
Ion Ratio Lower Upper
83 100
85 59.9 49.6 74.4

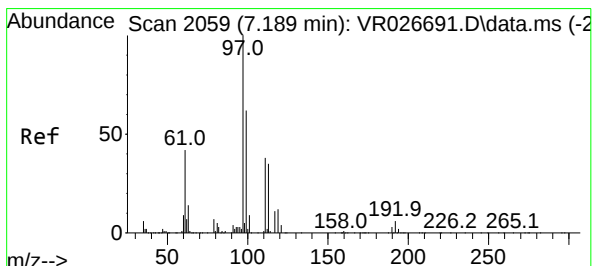
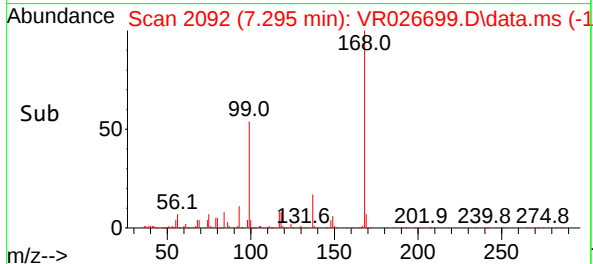
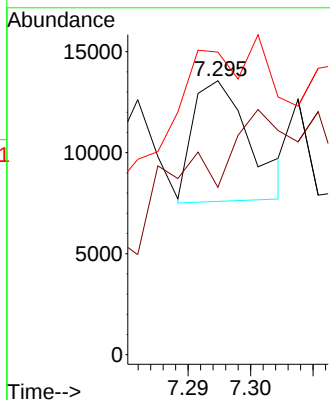
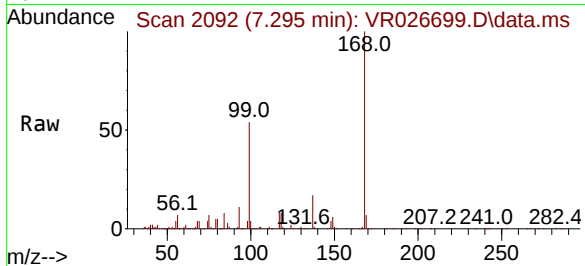




#30
Cyclohexane
Concen: 0.326 ug/l
RT: 7.295 min Scan# 2090
Delta R.T. 0.006 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

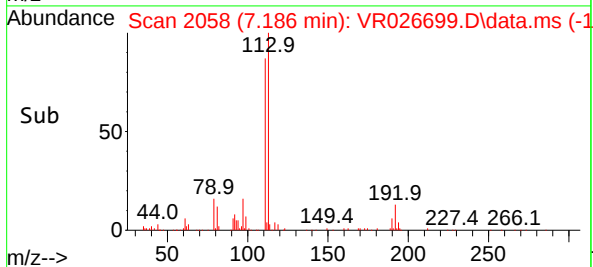
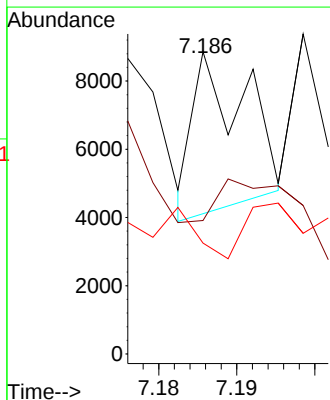
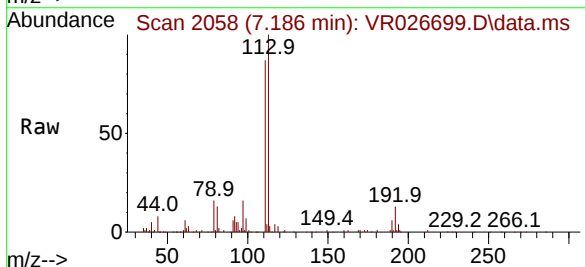
Instrument :
MSVOA_R
ClientSampleId :
MDL01

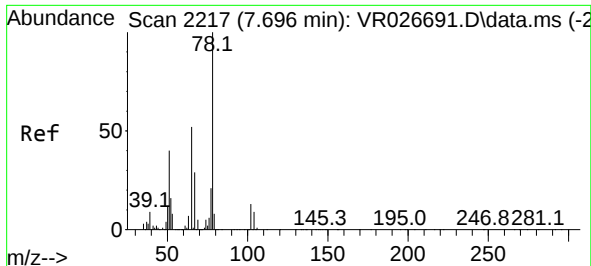
Tgt Ion: 56 Resp: 3765
Ion Ratio Lower Upper
56 100
69 0.0 24.8 37.2#
84 50.6 73.1 109.7#



#31
1,1,1-Trichloroethane
Concen: 0.243 ug/l
RT: 7.186 min Scan# 2058
Delta R.T. -0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 97 Resp: 2172
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.6#
61 290.5 36.3 54.5#

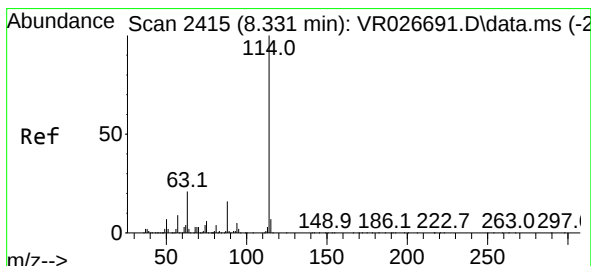
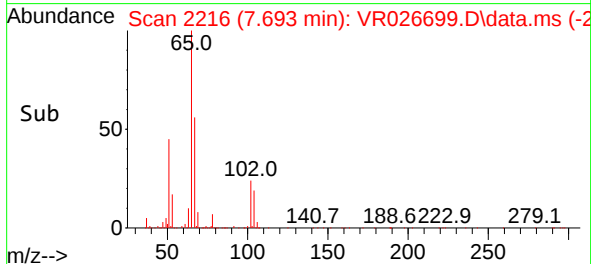
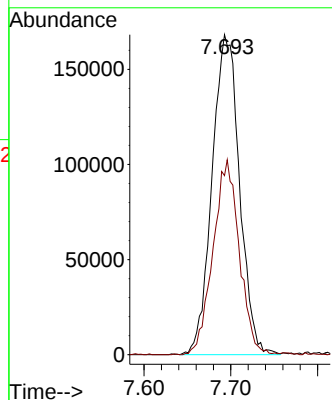
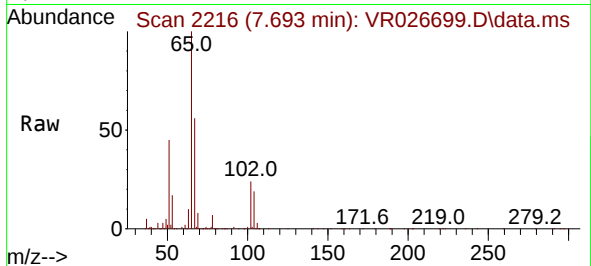




#32
 1,2-Dichloroethane-d4
 Concen: 50.719 ug/l
 RT: 7.693 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VR026699.D
 Acq: 4 Aug 2025 16:20

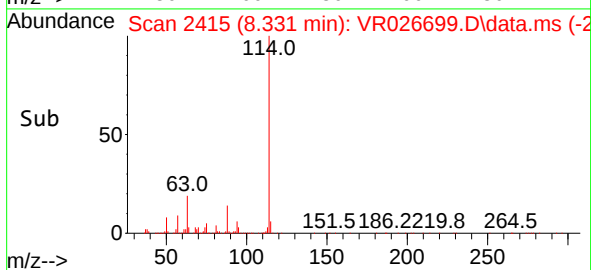
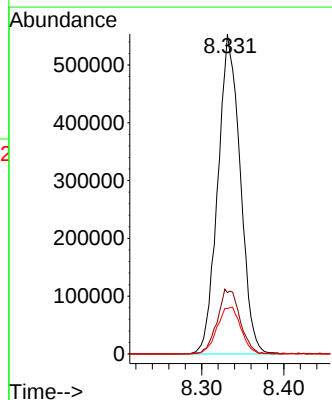
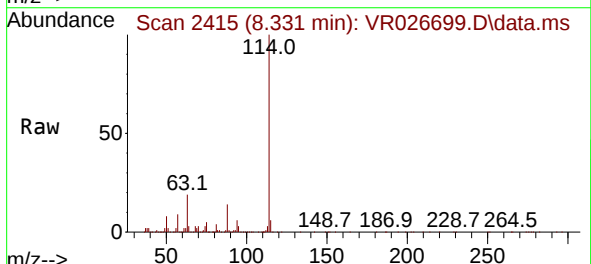
Instrument :
 MSVOA_R
 ClientSampleId :
 MDL01

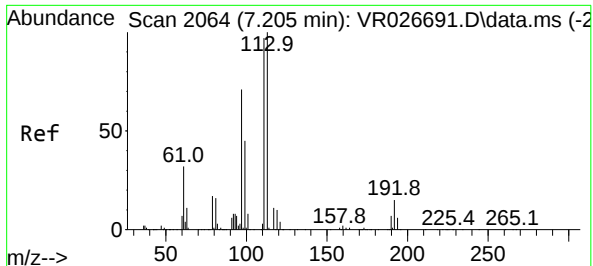
Tgt Ion: 65 Resp: 369310
 Ion Ratio Lower Upper
 65 100
 67 58.1 0.0 118.4



#33
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.331 min Scan# 2415
 Delta R.T. -0.000 min
 Lab File: VR026699.D
 Acq: 4 Aug 2025 16:20

Tgt Ion: 114 Resp: 1047606
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 41.6
 88 14.2 0.0 32.6

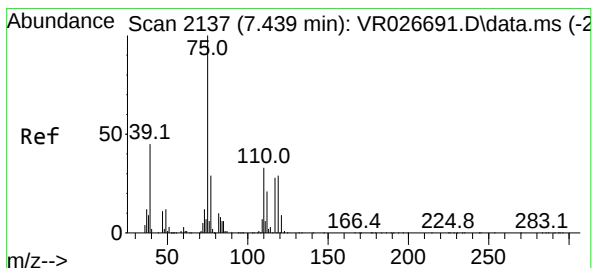
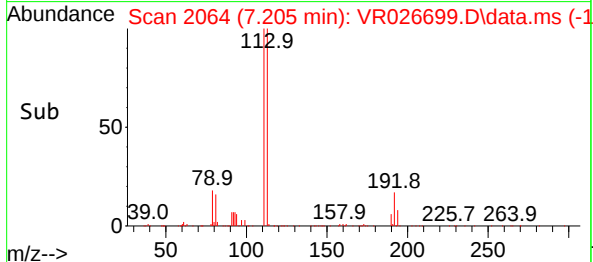
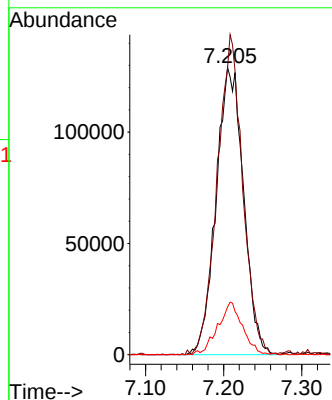
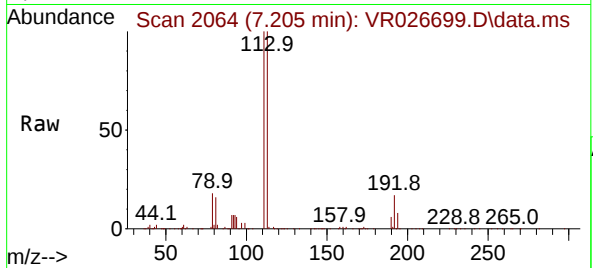




#34
Dibromofluoromethane
Concen: 48.569 ug/l
RT: 7.205 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

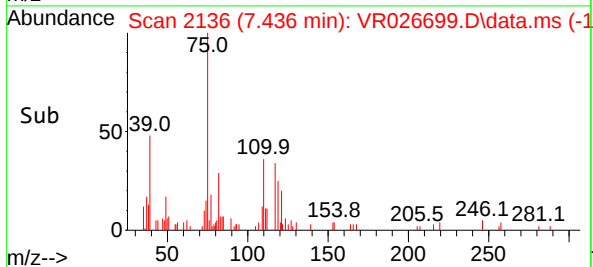
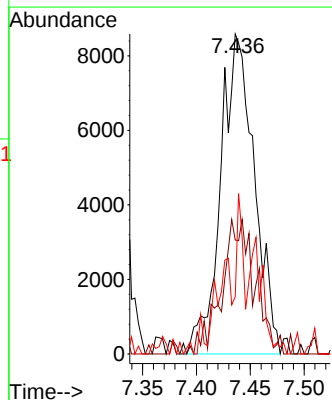
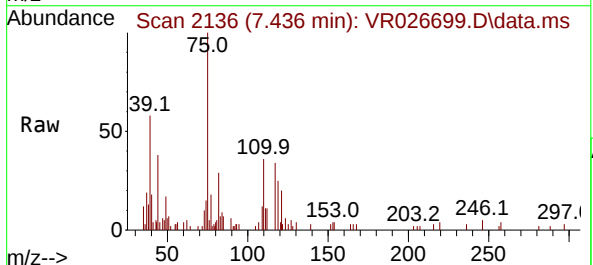
Instrument :
MSVOA_R
ClientSampleId :
MDL01

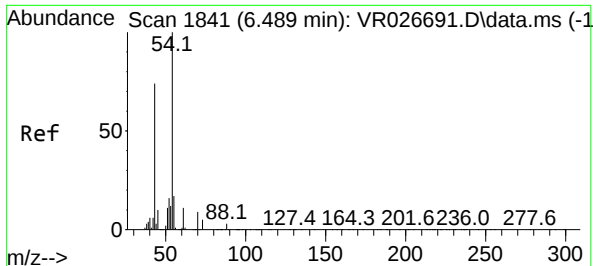
Tgt Ion:113 Resp: 314707
Ion Ratio Lower Upper
113 100
111 102.0 81.7 122.5
192 16.0 12.3 18.5



#35
1,1-Dichloropropene
Concen: 2.294 ug/l
RT: 7.436 min Scan# 2136
Delta R.T. -0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 75 Resp: 18752
Ion Ratio Lower Upper
75 100
110 0.0 17.0 50.9#
77 10.5 24.6 37.0#





#36

Ethyl Acetate

Concen: 1.727 ug/l

RT: 6.486 min Scan# 11

Delta R.T. -0.003 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

MDL01

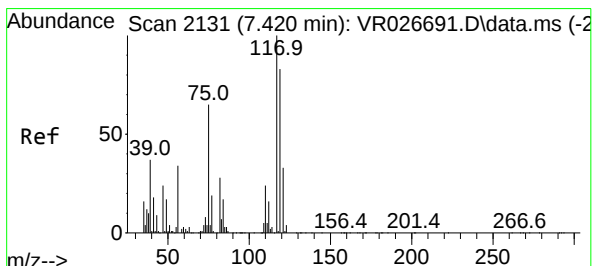
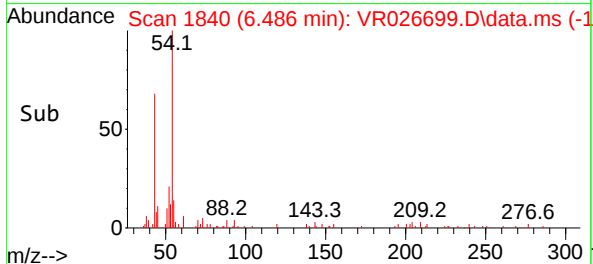
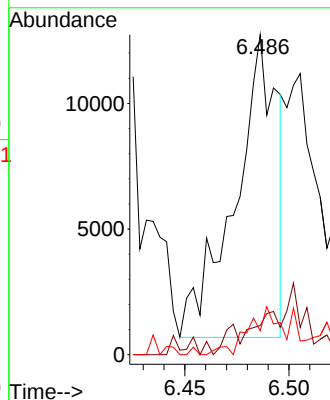
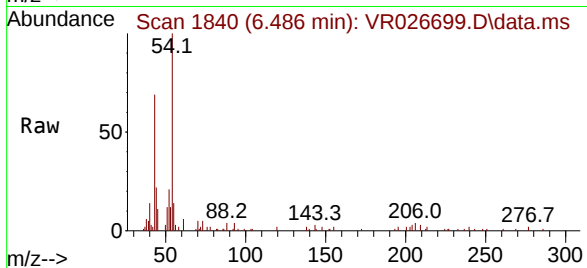
Tgt Ion: 43 Resp: 16899

Ion Ratio Lower Upper

43 100

61 18.5 12.0 18.0#

70 11.4 9.0 13.6



#37

Carbon Tetrachloride

Concen: 0.955 ug/l

RT: 7.420 min Scan# 2131

Delta R.T. -0.000 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

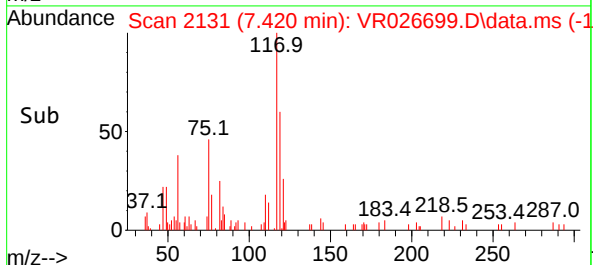
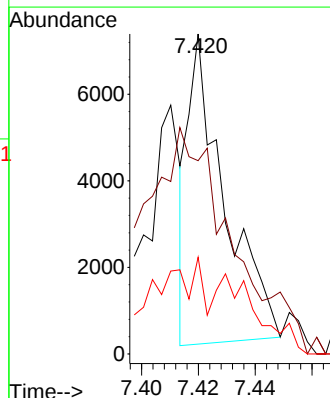
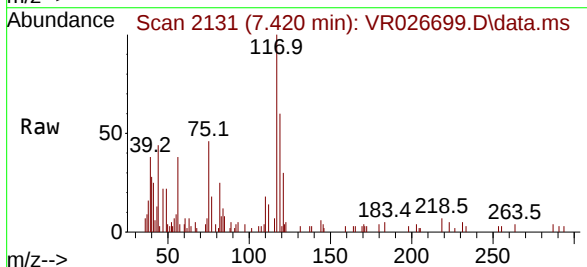
Tgt Ion: 117 Resp: 6355

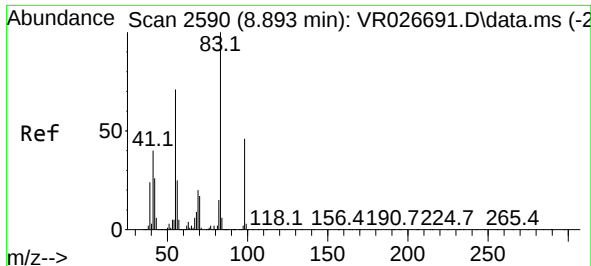
Ion Ratio Lower Upper

117 100

119 43.3 67.0 100.4#

121 25.1 26.3 39.5#

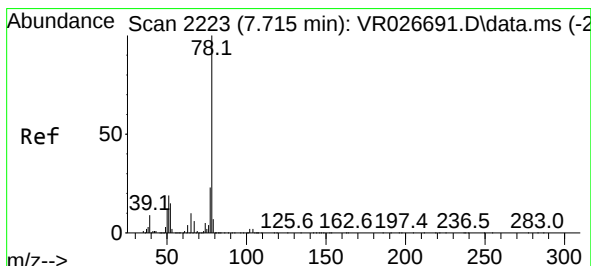
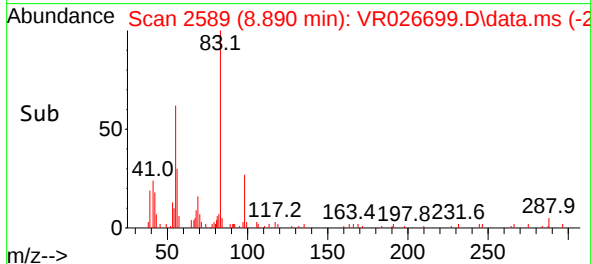
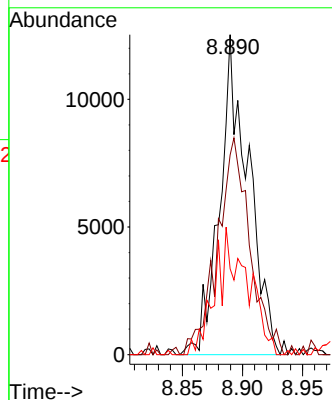
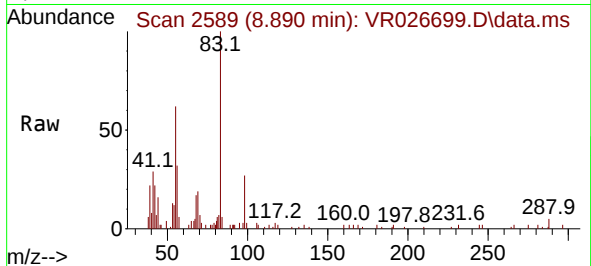




#38
Methylcyclohexane
Concen: 2.218 ug/l
RT: 8.890 min Scan# 21
Delta R.T. -0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

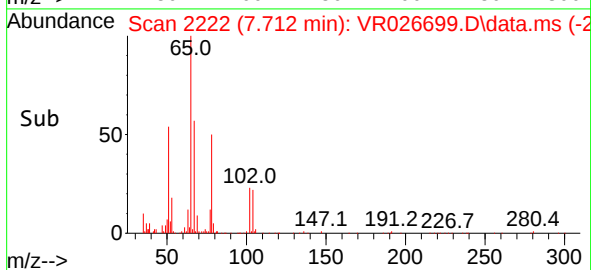
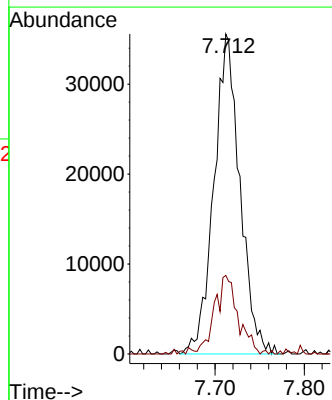
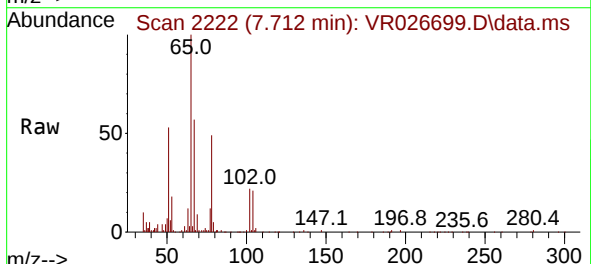
Instrument :
MSVOA_R
ClientSampleId :
MDL01

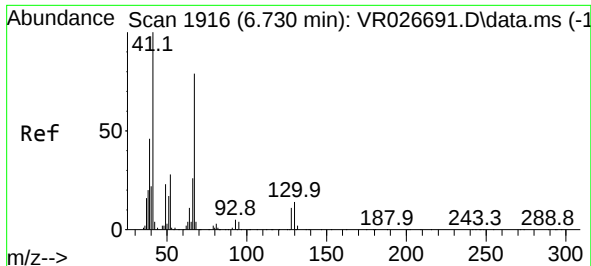
Tgt Ion: 83 Resp: 20749
Ion Ratio Lower Upper
83 100
55 62.4 56.7 85.1
98 26.9 36.7 55.1#



#39
Benzene
Concen: 2.443 ug/l
RT: 7.712 min Scan# 2222
Delta R.T. -0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 78 Resp: 71918
Ion Ratio Lower Upper
78 100
77 23.7 18.8 28.2

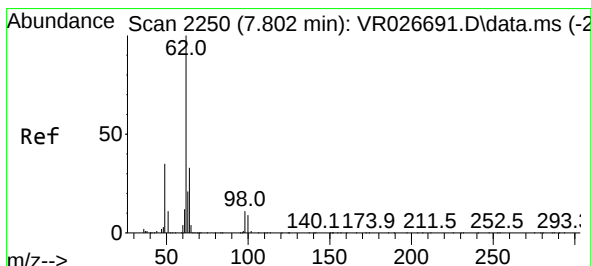
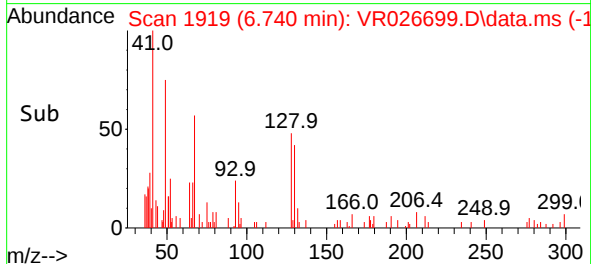
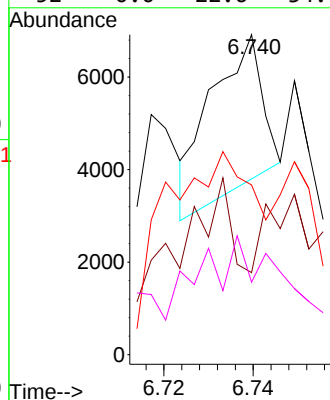
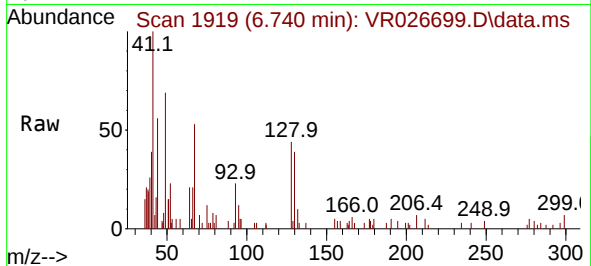




#40
Methacrylonitrile
Concen: 0.440 ug/l
RT: 6.740 min Scan# 1916
Delta R.T. 0.010 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

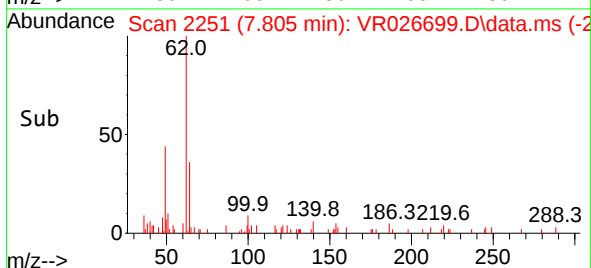
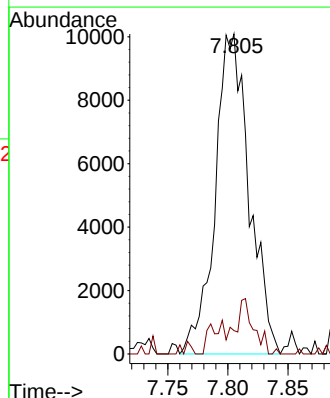
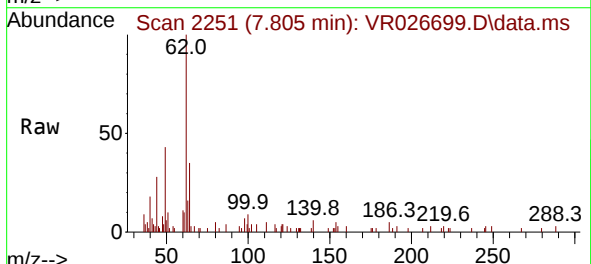
Instrument : MSVOA_R
ClientSampleId : MDL01

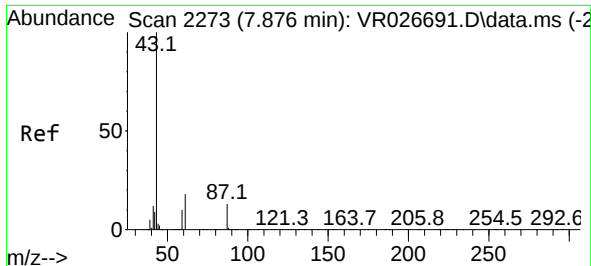
Tgt Ion:	41	Resp:	2678
Ion	Ratio	Lower	Upper
41	100		
39	81.5	42.4	63.6#
67	0.0	65.6	98.4#
52	0.0	22.6	34.0#



#41
1,2-Dichloroethane
Concen: 2.661 ug/l
RT: 7.805 min Scan# 2251
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion:	62	Resp:	19924
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	22.2

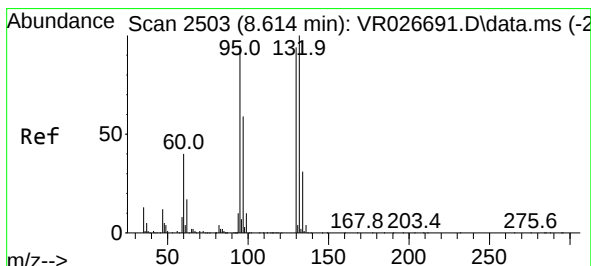
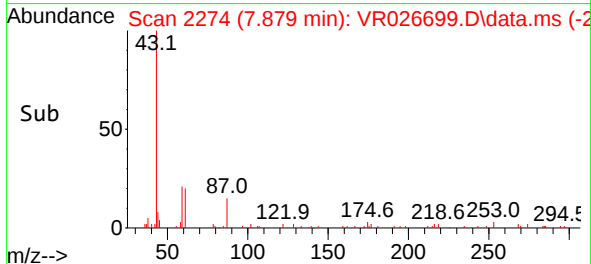
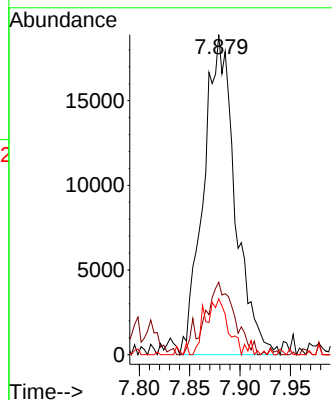
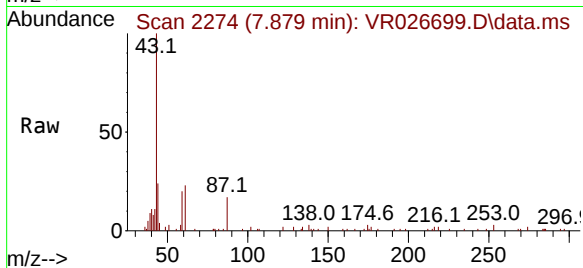




#42
Isopropyl Acetate
Concen: 2.619 ug/l
RT: 7.879 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

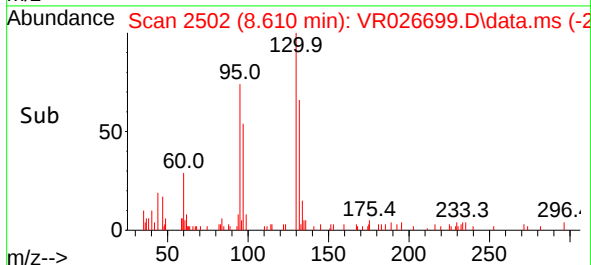
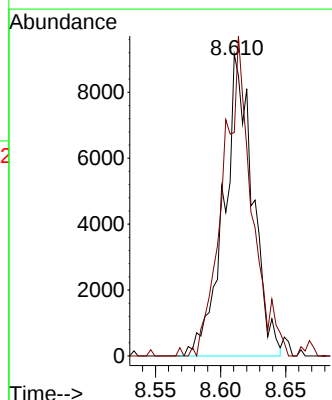
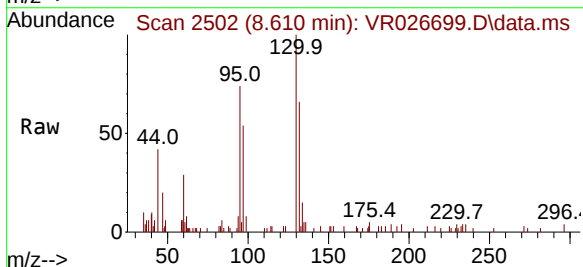
Instrument :
MSVOA_R
ClientSampleId :
MDL01

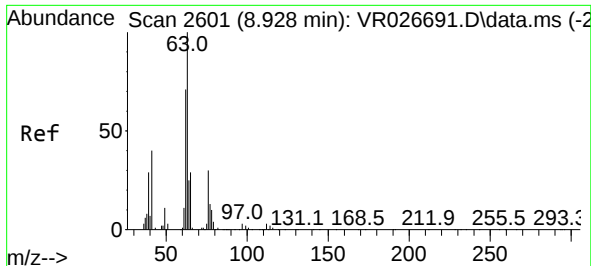
Tgt Ion: 43 Resp: 41209
Ion Ratio Lower Upper
43 100
61 19.2 17.9 26.9
87 12.5 10.8 16.2



#43
Trichloroethene
Concen: 2.506 ug/l
RT: 8.610 min Scan# 2502
Delta R.T. -0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 130 Resp: 14189
Ion Ratio Lower Upper
130 100
95 71.3 0.0 200.6

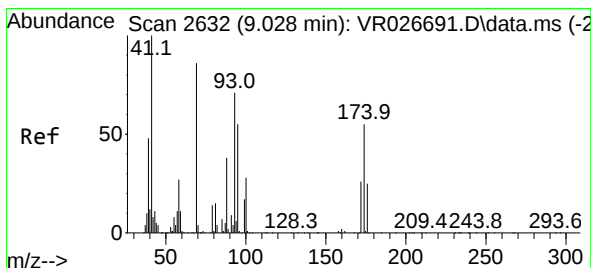
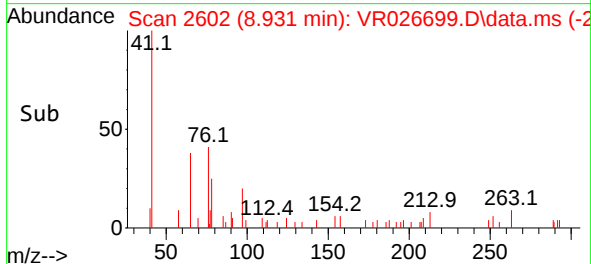
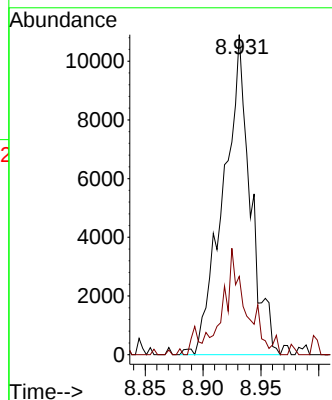
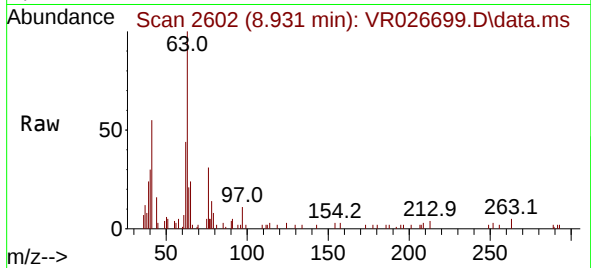




#44
1,2-Dichloropropane
Concen: 2.543 ug/l
RT: 8.931 min Scan# 2602
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

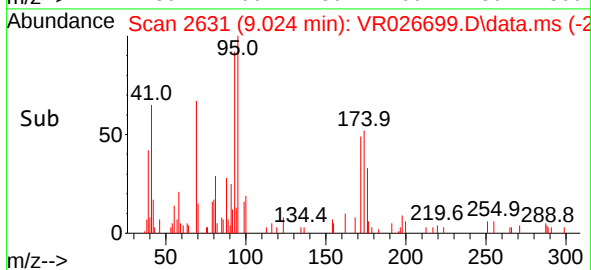
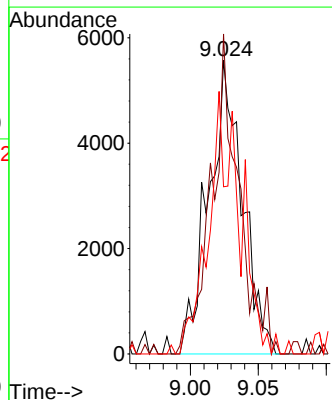
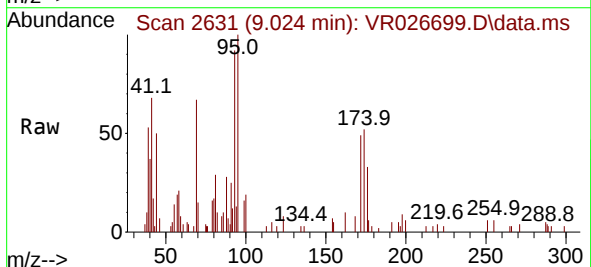
Instrument :
MSVOA_R
ClientSampleId :
MDL01

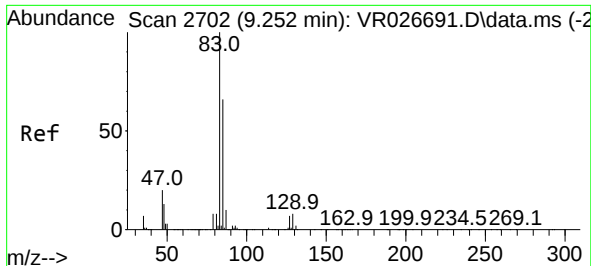
Tgt Ion: 63 Resp: 17713
Ion Ratio Lower Upper
63 100
65 24.4 23.8 35.8



#45
Dibromomethane
Concen: 2.464 ug/l
RT: 9.024 min Scan# 2631
Delta R.T. -0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 93 Resp: 9544
Ion Ratio Lower Upper
93 100
95 89.8 69.4 104.0
174 48.3 66.9 100.3#

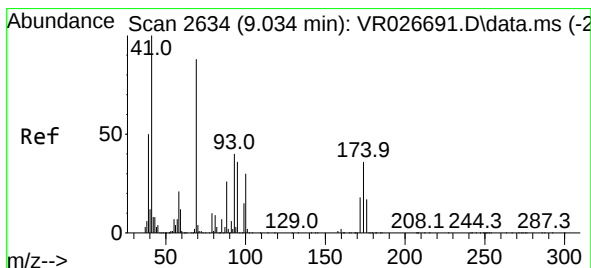
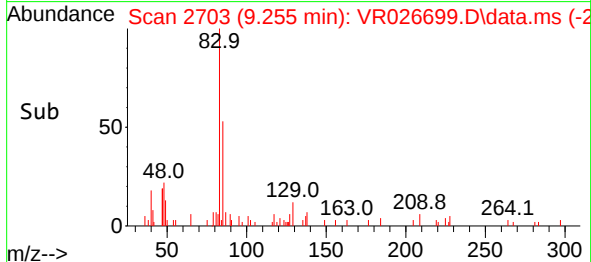
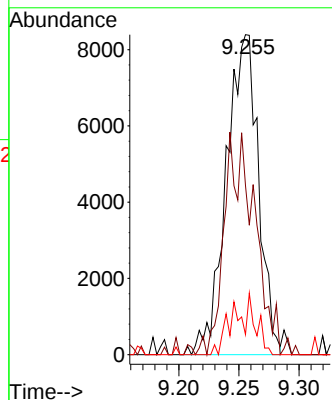
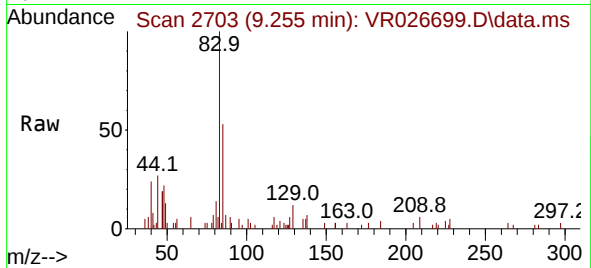




#46
Bromodichloromethane
Concen: 2.083 ug/l
RT: 9.255 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

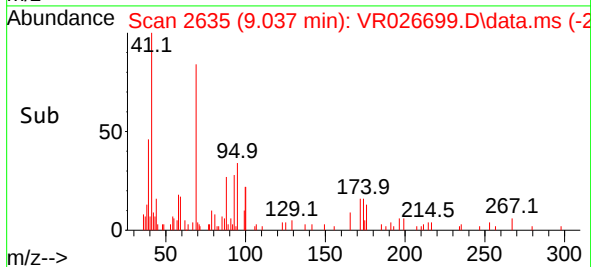
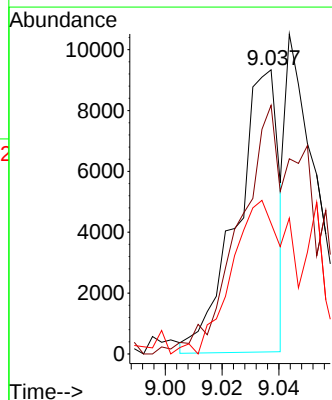
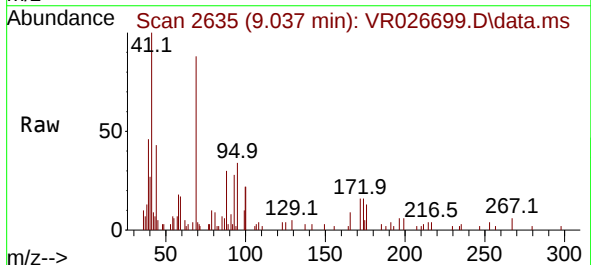
Instrument :
MSVOA_R
ClientSampleId :
MDL01

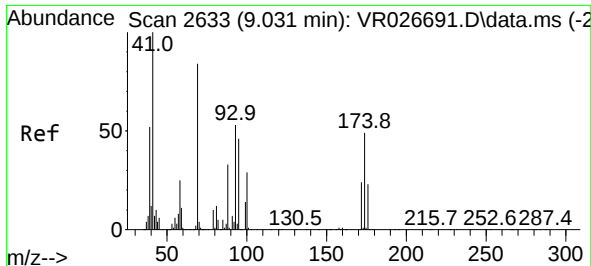
Tgt Ion: 83 Resp: 15639
Ion Ratio Lower Upper
83 100
85 52.9 52.6 78.8
127 6.3 5.5 8.3



#47
Methyl methacrylate
Concen: 1.385 ug/l
RT: 9.037 min Scan# 2635
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 41 Resp: 9536
Ion Ratio Lower Upper
41 100
69 152.3 69.8 104.6#
39 67.0 39.4 59.2#





#48

1,4-Dioxane

Concen: 66.354 ug/l

RT: 9.047 min Scan# 2

Delta R.T. 0.016 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

MDL01

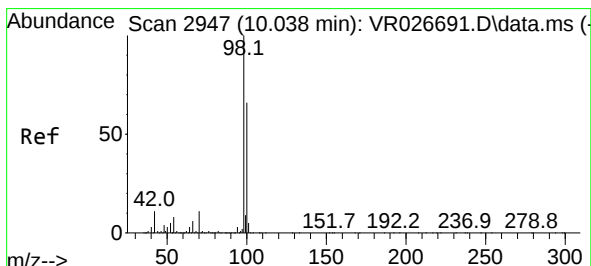
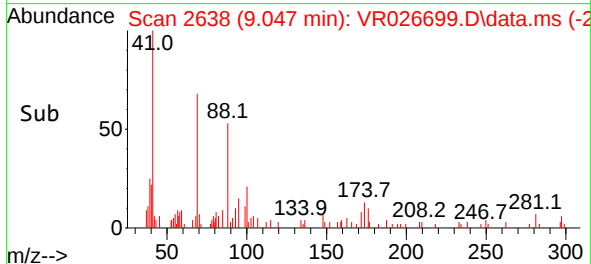
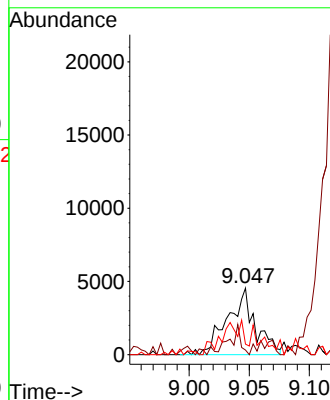
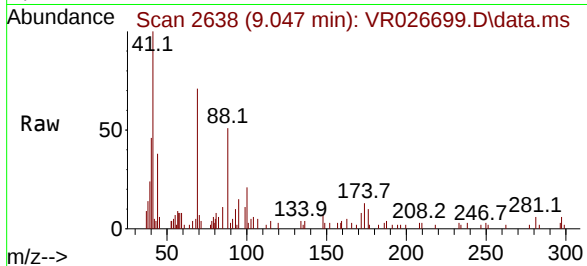
Tgt Ion: 88 Resp: 7361

Ion Ratio Lower Upper

88 100

43 0.0 25.2 37.8#

58 4.8 60.8 91.2#



#49

Toluene-d8

Concen: 51.266 ug/l

RT: 10.042 min Scan# 2948

Delta R.T. 0.003 min

Lab File: VR026699.D

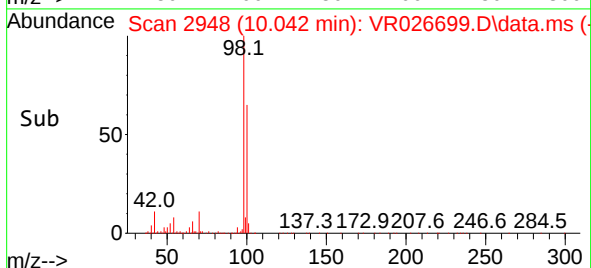
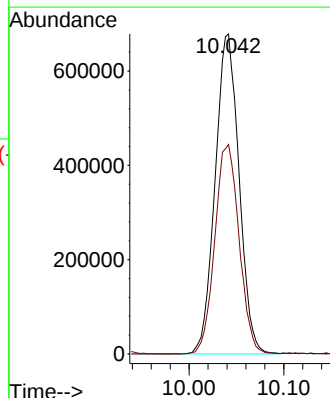
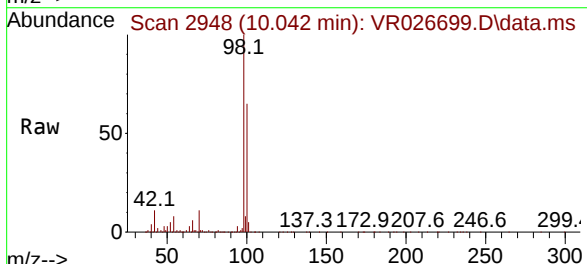
Acq: 4 Aug 2025 16:20

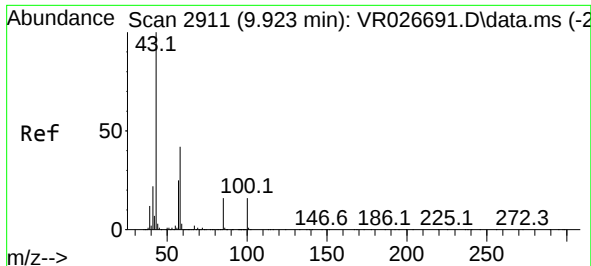
Tgt Ion: 98 Resp: 1190082

Ion Ratio Lower Upper

98 100

100 66.5 53.9 80.9





#50

4-Methyl-2-Pentanone

Concen: 13.766 ug/l

RT: 9.923 min Scan# 2911

Delta R.T. -0.000 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

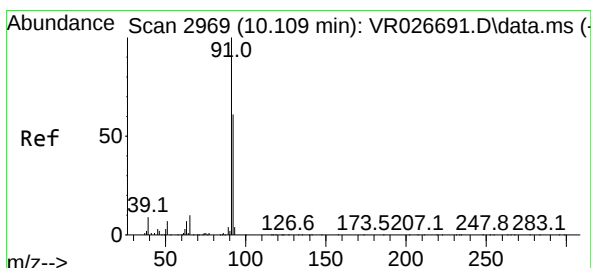
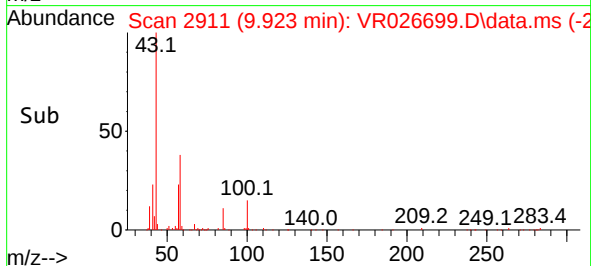
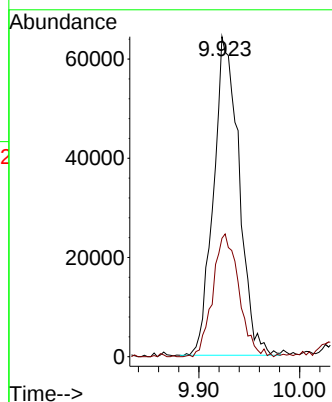
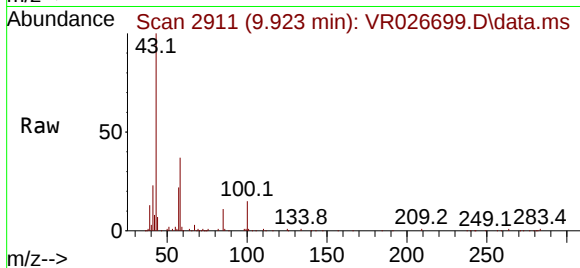
MDL01

Tgt Ion: 43 Resp: 113085

Ion Ratio Lower Upper

43 100

58 39.4 33.7 50.5



#51

Toluene

Concen: 2.460 ug/l

RT: 10.115 min Scan# 2971

Delta R.T. 0.006 min

Lab File: VR026699.D

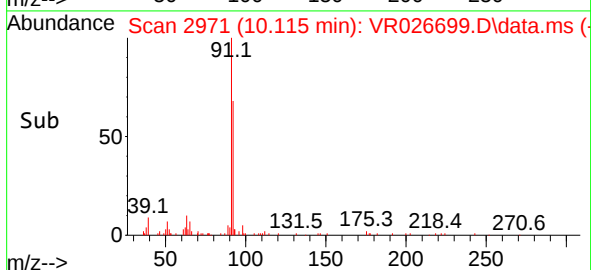
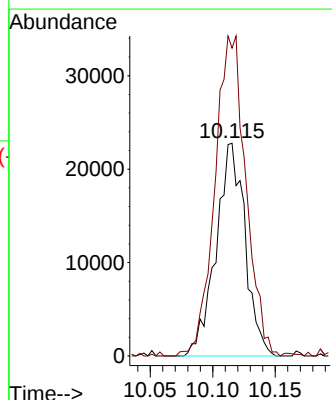
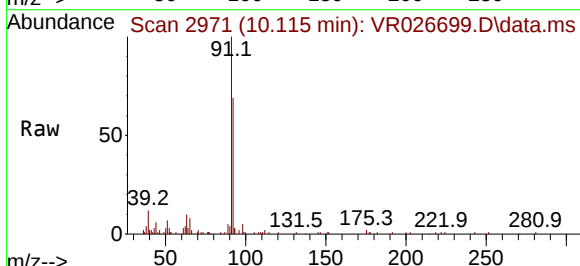
Acq: 4 Aug 2025 16:20

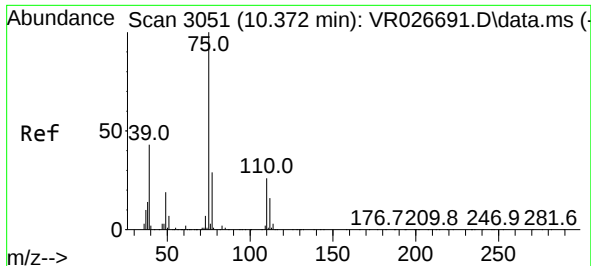
Tgt Ion: 92 Resp: 36960

Ion Ratio Lower Upper

92 100

91 160.9 137.8 206.6

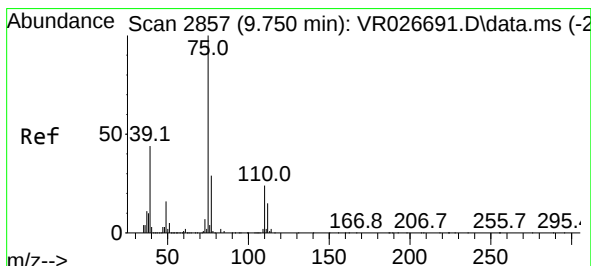
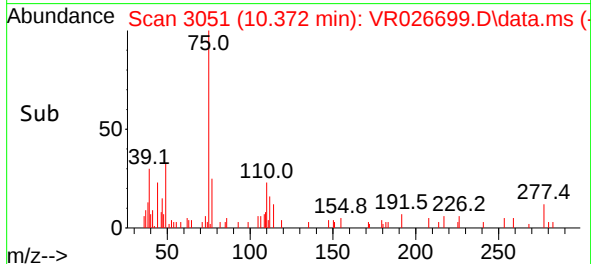
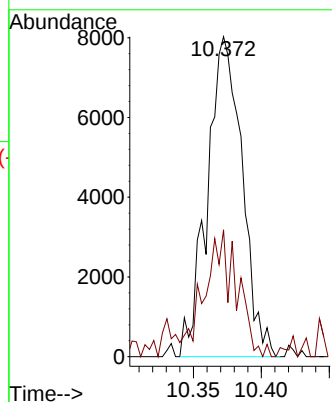
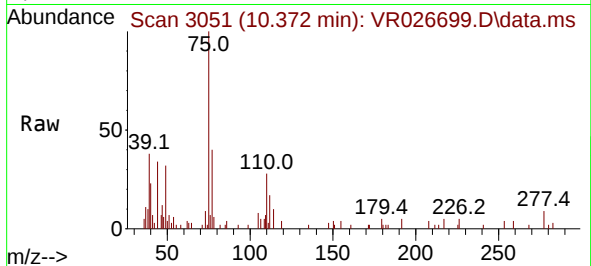




#52
t-1,3-Dichloropropene
Concen: 1.942 ug/l
RT: 10.372 min Scan# 3051
Delta R.T. -0.000 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

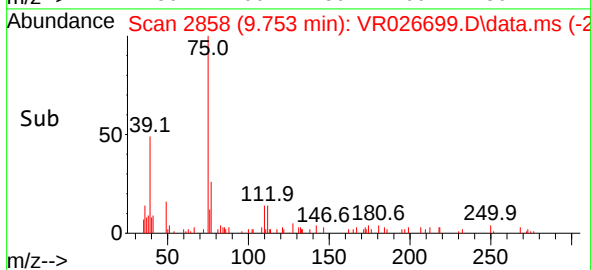
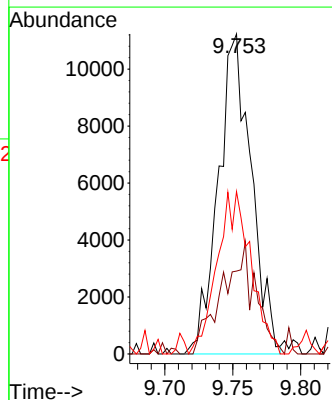
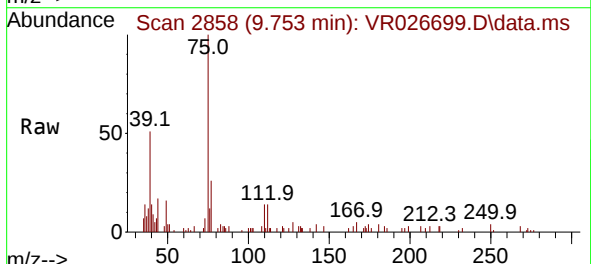
Instrument :
MSVOA_R
ClientSampleId :
MDL01

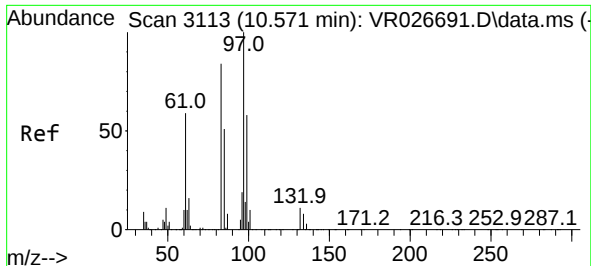
Tgt Ion: 75 Resp: 14291
Ion Ratio Lower Upper
75 100
77 36.8 23.4 35.2#



#53
cis-1,3-Dichloropropene
Concen: 2.147 ug/l
RT: 9.753 min Scan# 2858
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 75 Resp: 18948
Ion Ratio Lower Upper
75 100
77 25.9 22.9 34.3
39 50.7 34.8 52.2

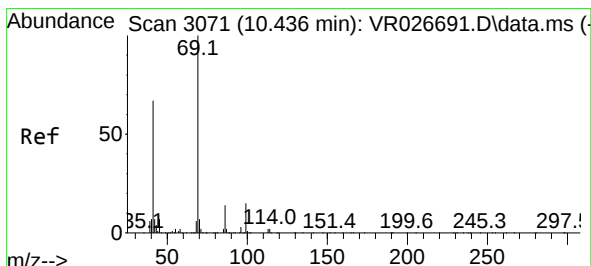
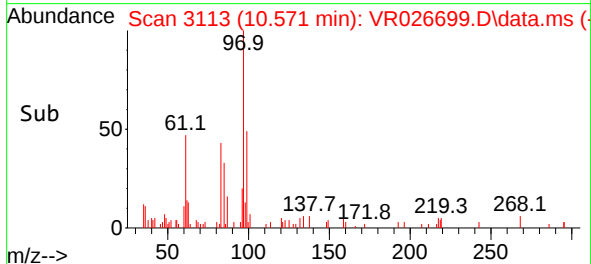
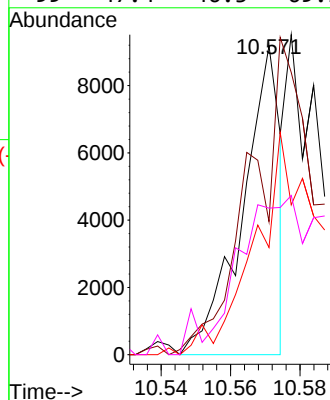
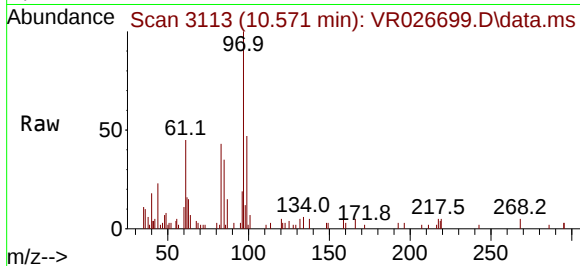




#54
1,1,2-Trichloroethane
Concen: 1.268 ug/l
RT: 10.571 min Scan# 3113
Delta R.T. -0.000 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

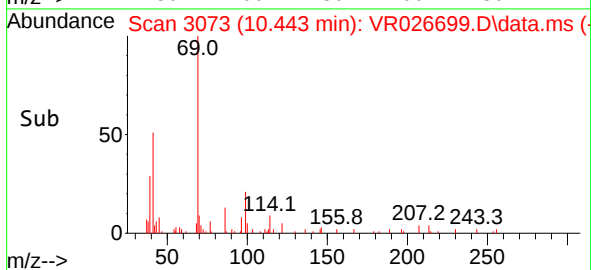
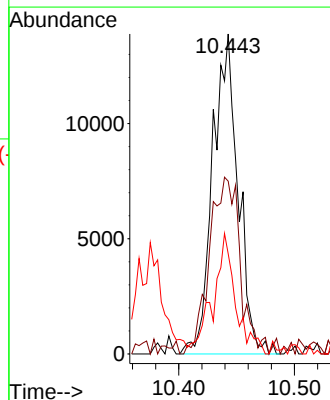
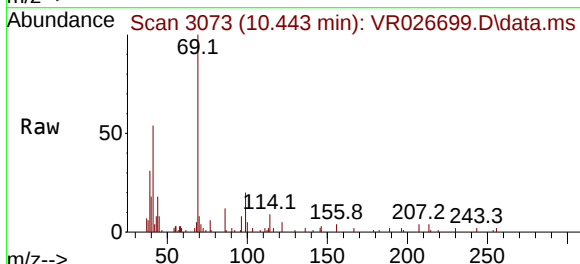
Instrument : MSVOA_R
ClientSampleId : MDL01

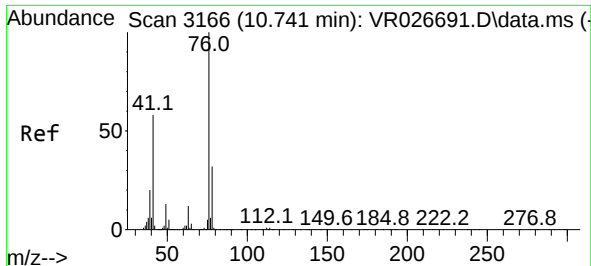
Tgt Ion: 97	Resp: 6960
Ion Ratio	Lower Upper
97 100	
83 41.5	67.4 101.2#
85 34.7	40.4 60.6#
99 47.4	46.3 69.5



#55
Ethyl methacrylate
Concen: 2.346 ug/l
RT: 10.443 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 69	Resp: 21258
Ion Ratio	Lower Upper
69 100	
41 66.3	51.5 77.3
39 33.3	24.7 37.1

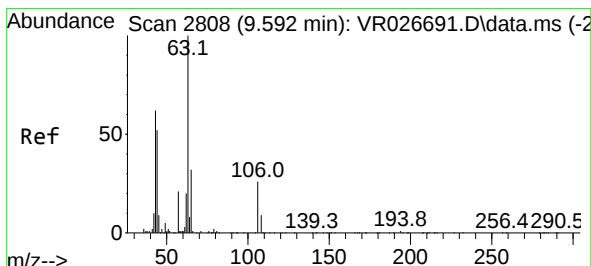
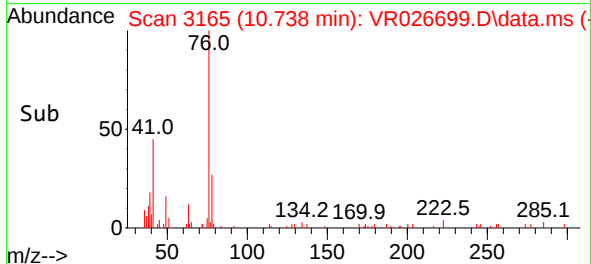
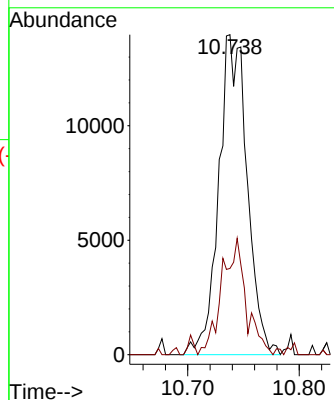
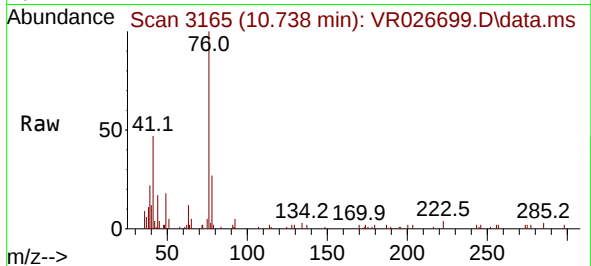




#56
1,3-Dichloropropane
Concen: 2.647 ug/l
RT: 10.738 min Scan# 3165
Delta R.T. -0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

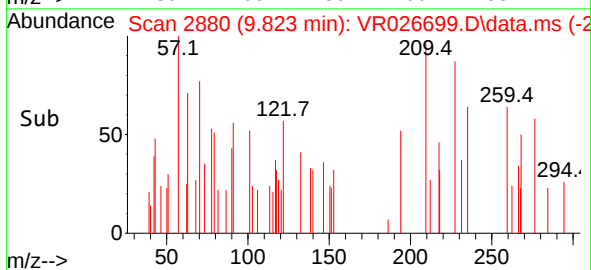
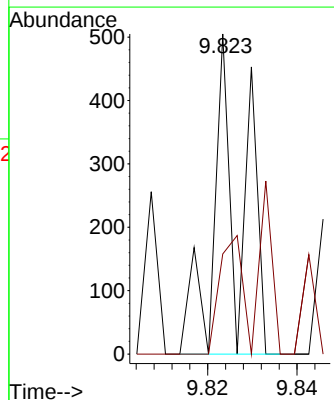
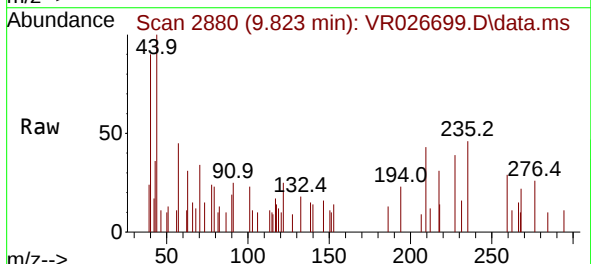
Instrument : MSVOA_R
ClientSampleId : MDL01

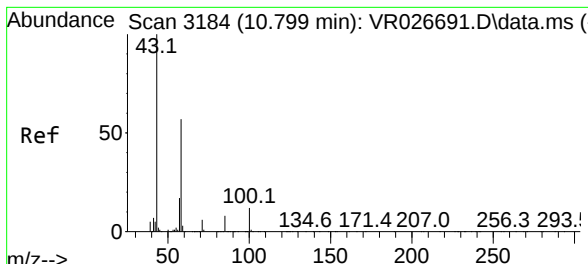
Tgt Ion: 76 Resp: 24743
Ion Ratio Lower Upper
76 100
78 31.1 25.8 38.6



#57
2-Chloroethyl Vinyl ether
Concen: 0.433 ug/l
RT: 9.823 min Scan# 2880
Delta R.T. 0.231 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 63 Resp: 217
Ion Ratio Lower Upper
63 100
106 30.4 22.5 33.7

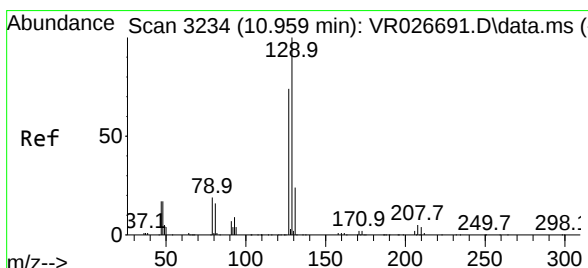
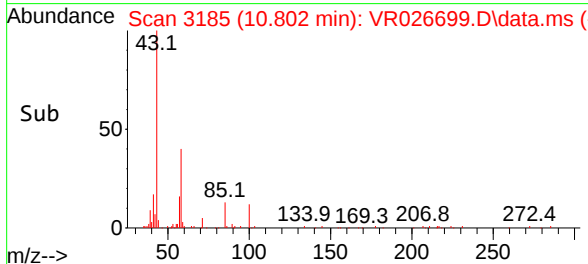
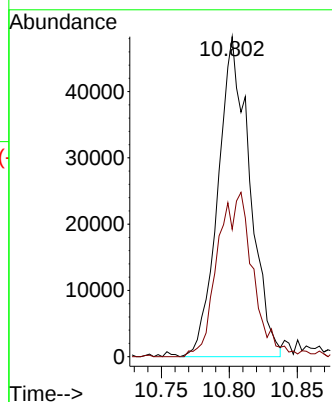
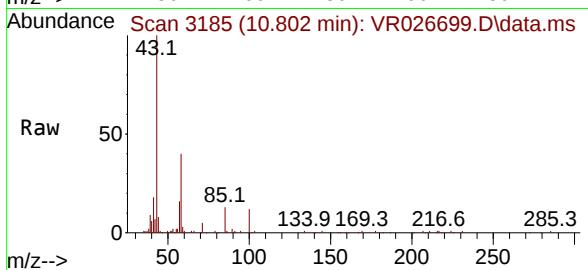




#58
2-Hexanone
Concen: 14.213 ug/l
RT: 10.802 min Scan# 3185
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

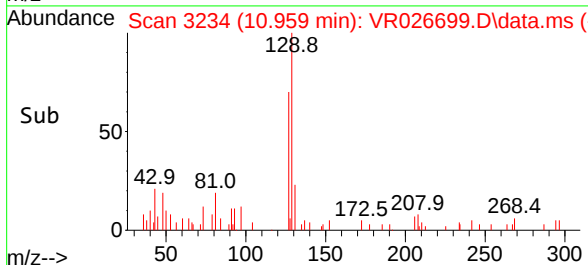
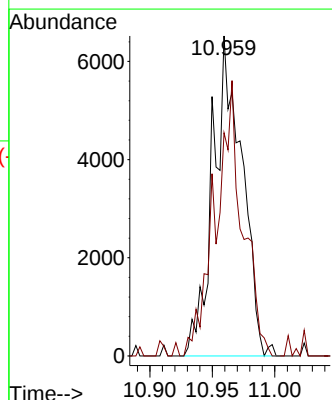
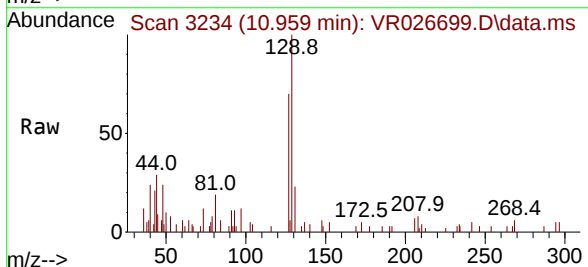
Instrument :
MSVOA_R
ClientSampleId :
MDL01

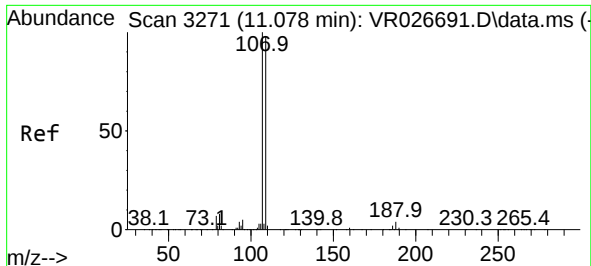
Tgt Ion: 43 Resp: 78714
Ion Ratio Lower Upper
43 100
58 57.1 28.8 86.4



#59
Dibromochloromethane
Concen: 2.267 ug/l
RT: 10.959 min Scan# 3234
Delta R.T. -0.000 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 129 Resp: 10529
Ion Ratio Lower Upper
129 100
127 80.7 38.9 116.6

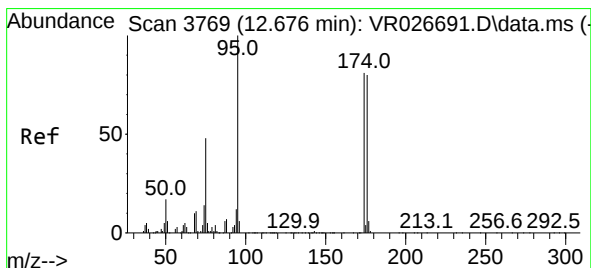
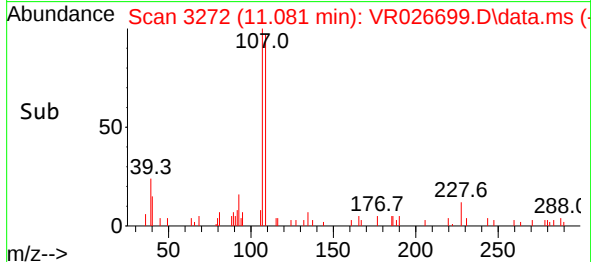
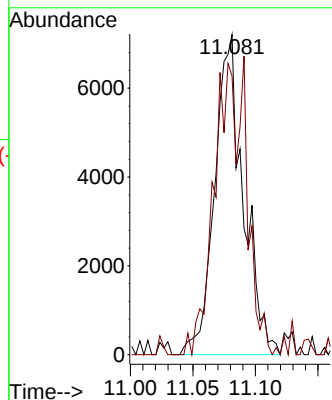
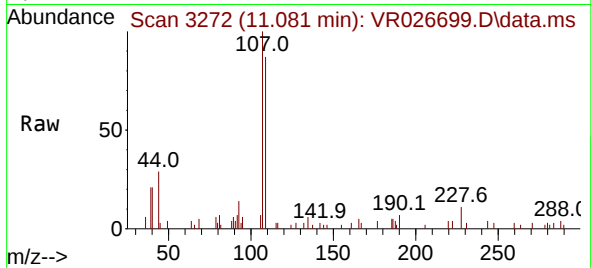




#60
1,2-Dibromoethane
Concen: 2.443 ug/l
RT: 11.081 min Scan# 31
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

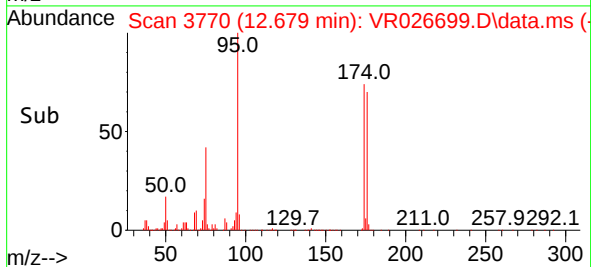
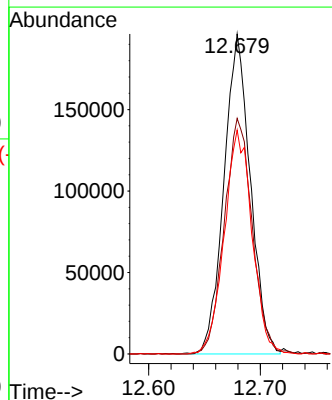
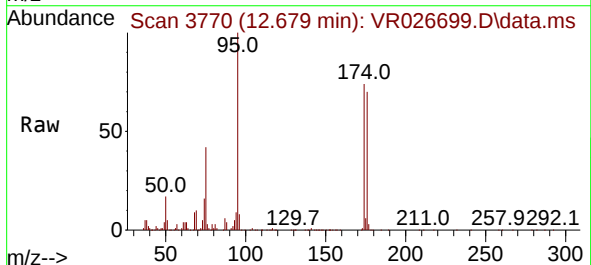
Instrument :
MSVOA_R
ClientSampleId :
MDL01

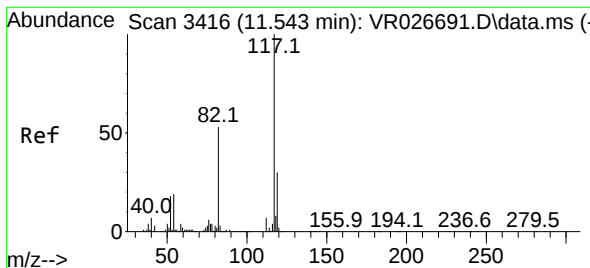
Tgt Ion:107 Resp: 11540
Ion Ratio Lower Upper
107 100
109 101.8 75.9 113.9



#61
4-Bromofluorobenzene
Concen: 48.853 ug/l
RT: 12.679 min Scan# 3770
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 95 Resp: 322560
Ion Ratio Lower Upper
95 100
174 78.0 0.0 158.4
176 73.9 0.0 149.0





#62

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.540 min Scan# 3416

Delta R.T. -0.003 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

MDL01

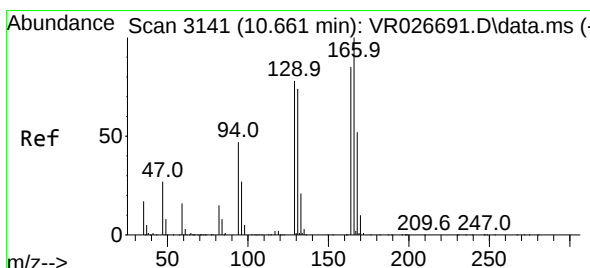
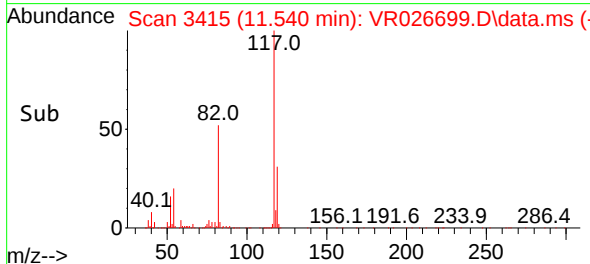
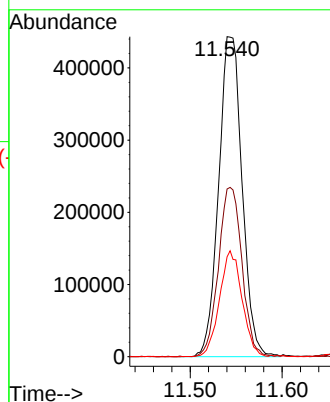
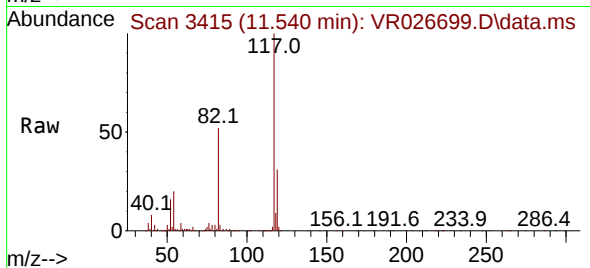
Tgt Ion:117 Resp: 786324

Ion Ratio Lower Upper

117 100

82 52.2 42.0 63.0

119 31.2 23.9 35.9



#63

Tetrachloroethene

Concen: 1.198 ug/l

RT: 10.667 min Scan# 3143

Delta R.T. 0.006 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Tgt Ion:164 Resp: 5145

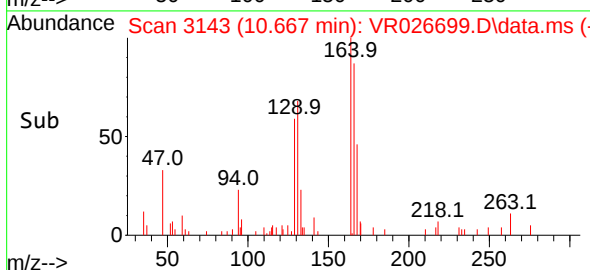
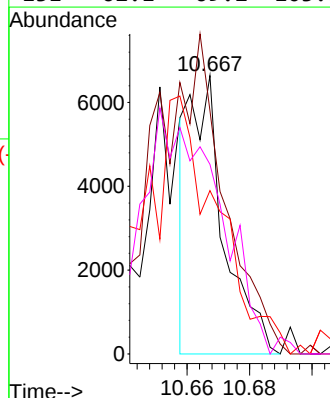
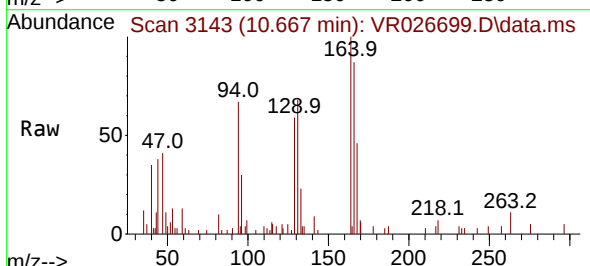
Ion Ratio Lower Upper

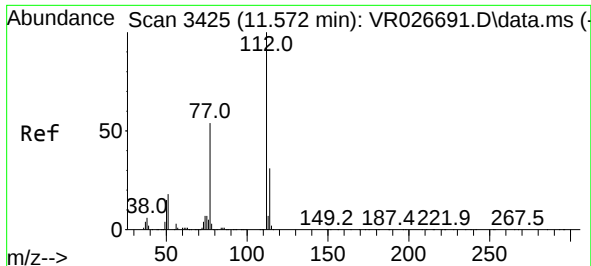
164 100

166 83.8 93.7 140.5#

129 51.1 73.4 110.2#

131 62.1 69.2 103.8#

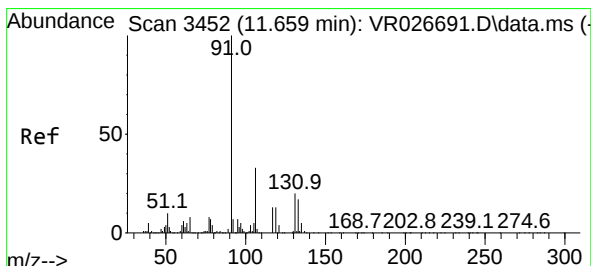
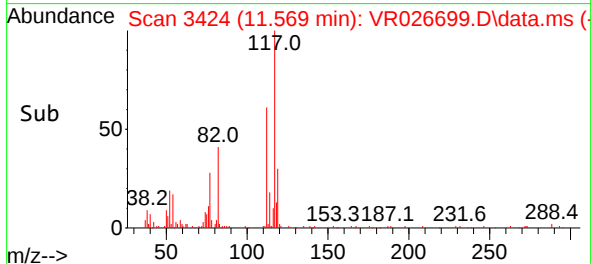
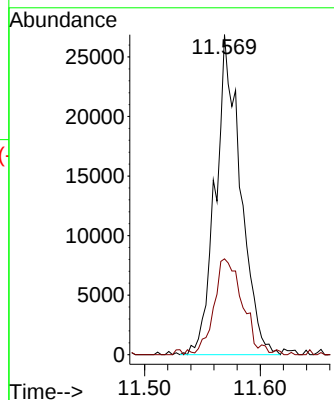
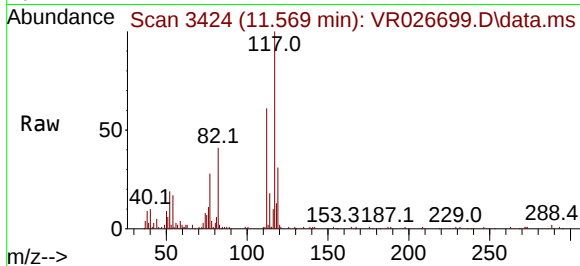




#64
Chlorobenzene
Concen: 2.490 ug/l
RT: 11.569 min Scan# 3425
Delta R.T. -0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

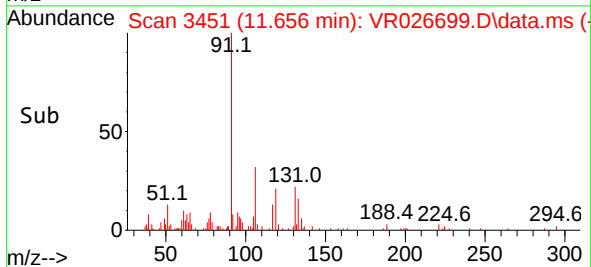
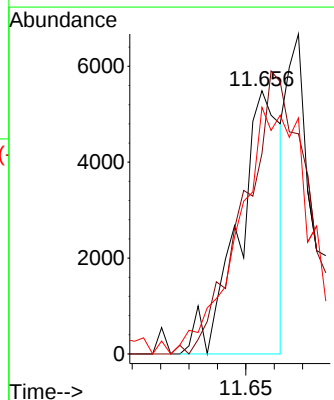
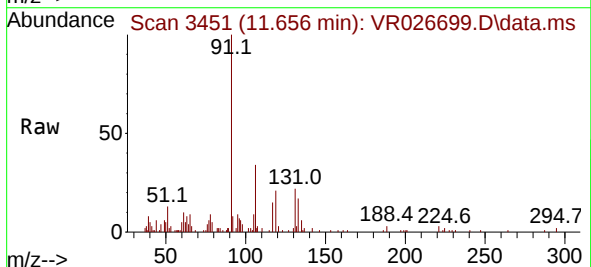
Instrument :
MSVOA_R
ClientSampleId :
MDL01

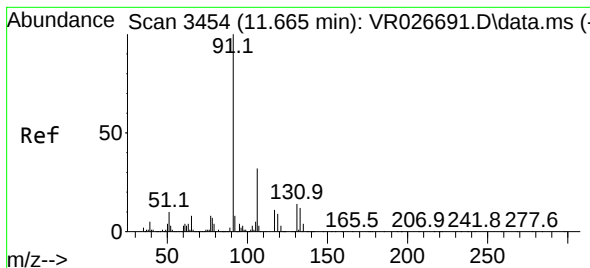
Tgt Ion:112 Resp: 40752
Ion Ratio Lower Upper
112 100
114 28.9 25.0 37.6



#65
1,1,1,2-Tetrachloroethane
Concen: 1.249 ug/l
RT: 11.656 min Scan# 3451
Delta R.T. -0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion:131 Resp: 5583
Ion Ratio Lower Upper
131 100
133 162.3 46.2 138.5#
119 159.1 35.7 107.1#





#66

Ethyl Benzene

Concen: 2.306 ug/l

RT: 11.669 min Scan# 3454

Delta R.T. 0.003 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

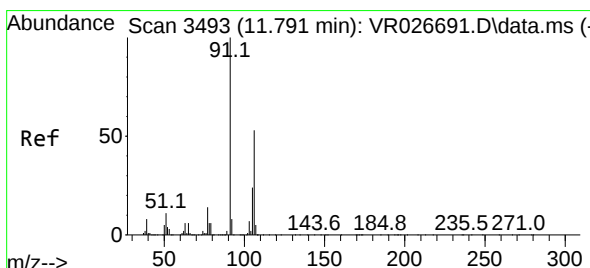
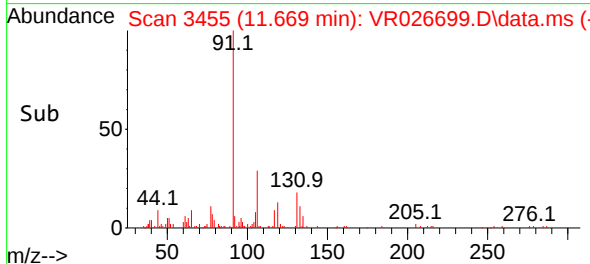
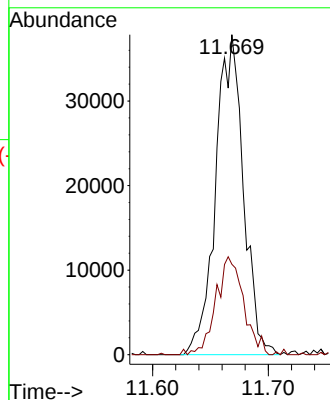
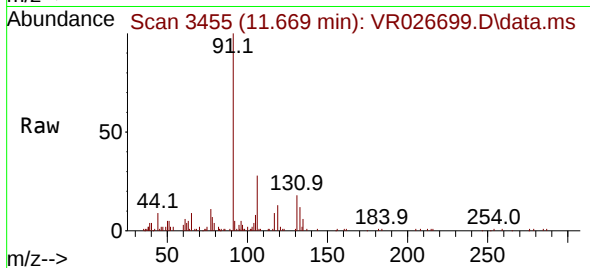
MDL01

Tgt Ion: 91 Resp: 62999

Ion Ratio Lower Upper

91 100

106 28.3 25.4 38.0



#67

m/p-Xylenes

Concen: 2.117 ug/l

RT: 11.787 min Scan# 3492

Delta R.T. -0.003 min

Lab File: VR026699.D

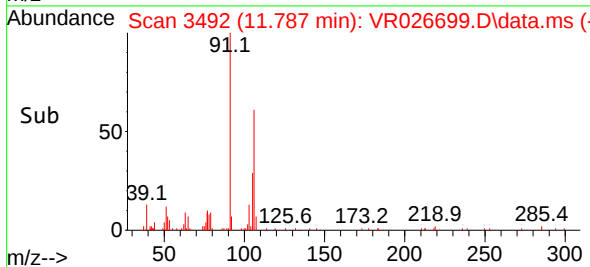
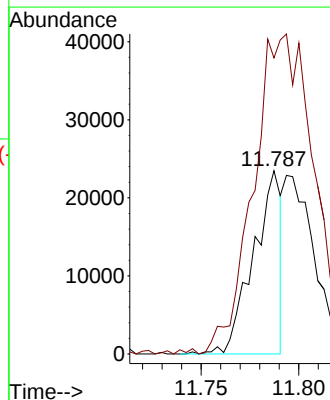
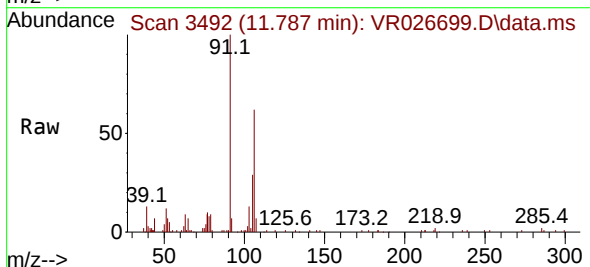
Acq: 4 Aug 2025 16:20

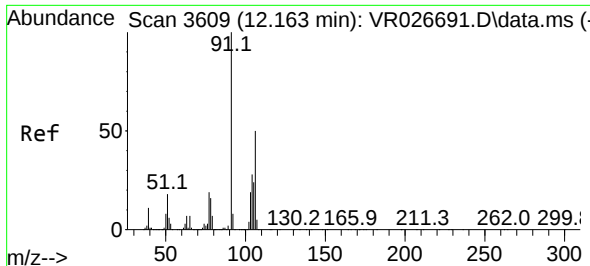
Tgt Ion:106 Resp: 23110

Ion Ratio Lower Upper

106 100

91 382.2 146.8 220.2#

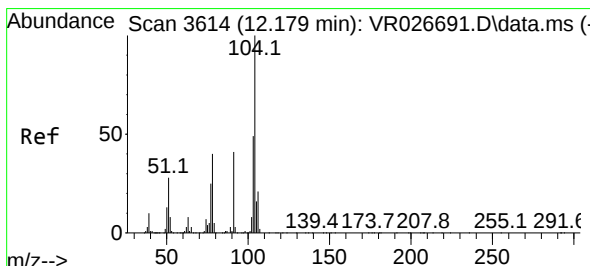
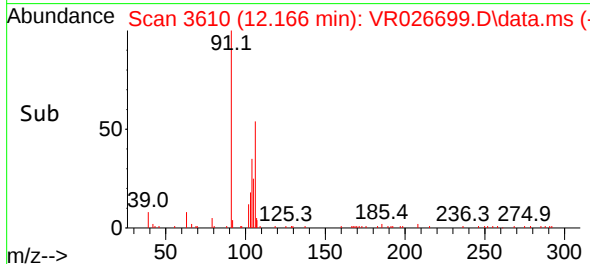
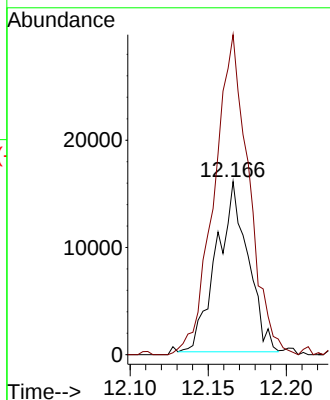
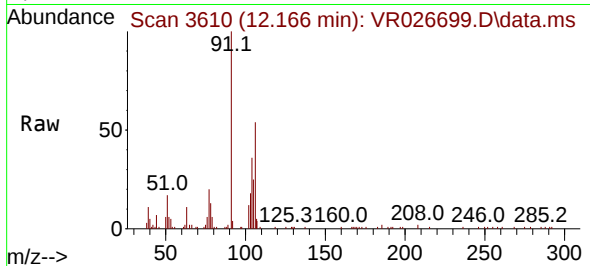




#68
o-Xylene
Concen: 2.104 ug/l
RT: 12.166 min Scan# 3610
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

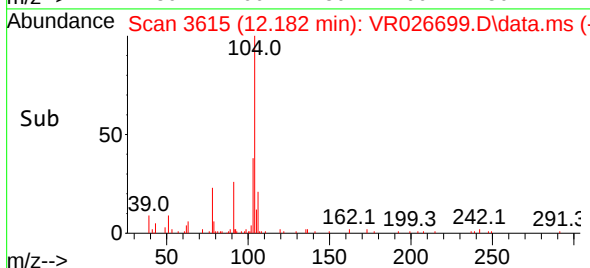
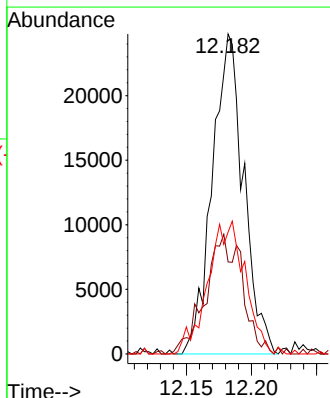
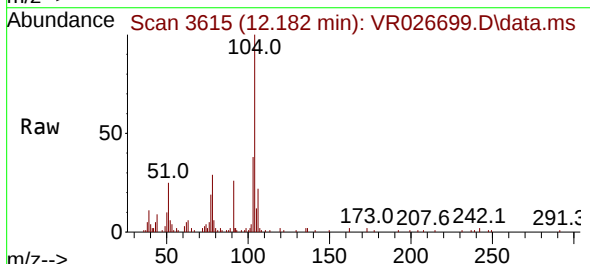
Instrument :
MSVOA_R
ClientSampleId :
MDL01

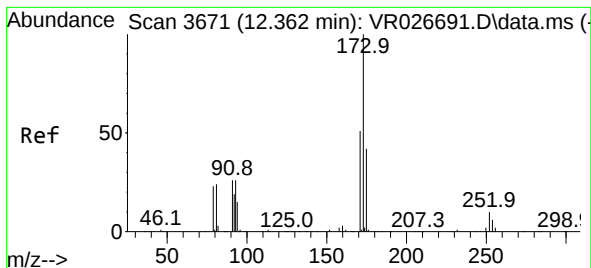
Tgt Ion:106 Resp: 22300
Ion Ratio Lower Upper
106 100
91 207.3 97.9 293.6



#69
Styrene
Concen: 2.344 ug/l
RT: 12.182 min Scan# 3615
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion:104 Resp: 41509
Ion Ratio Lower Upper
104 100
78 30.7 34.5 51.7#
103 23.9 43.2 64.8#





#70

Bromoform

Concen: 0.990 ug/l

RT: 12.358 min Scan# 30

Delta R.T. -0.003 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

MDL01

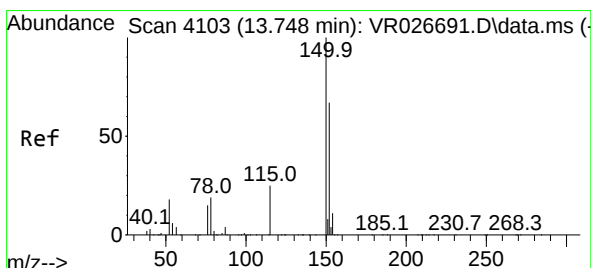
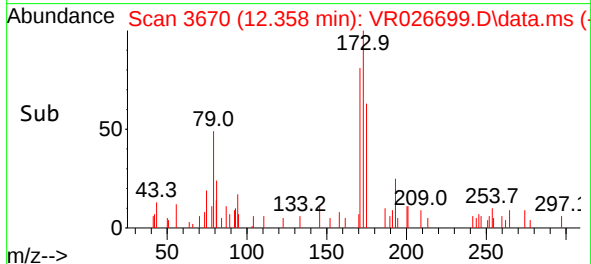
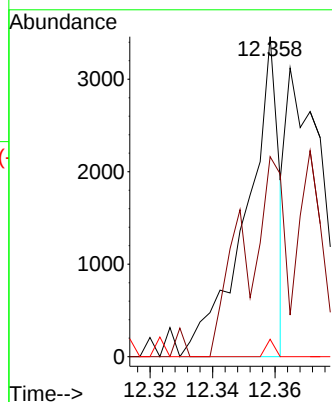
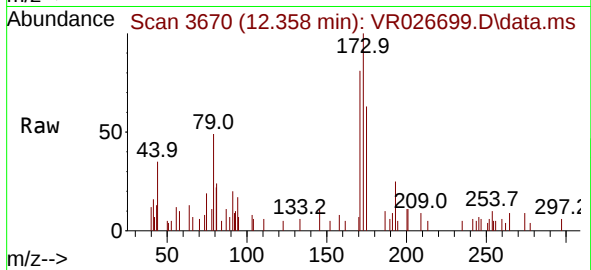
Tgt Ion:173 Resp: 2505

Ion Ratio Lower Upper

173 100

175 44.7 23.6 71.0

254 1.4 0.1 0.1#



#71

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.751 min Scan# 4104

Delta R.T. 0.003 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

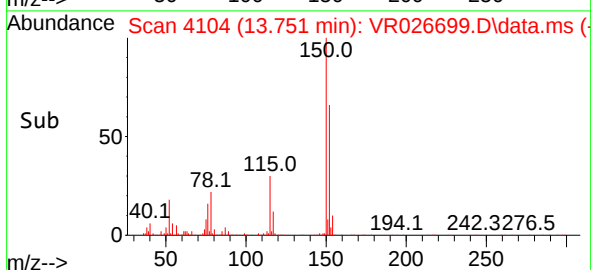
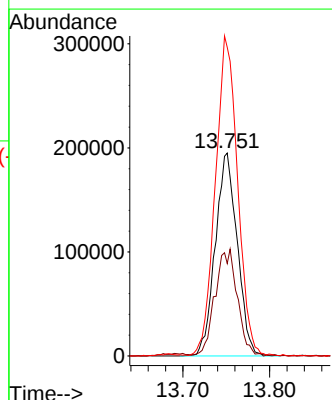
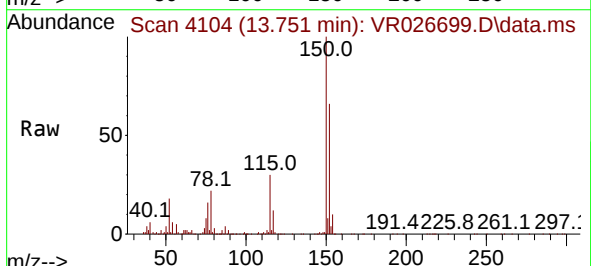
Tgt Ion:152 Resp: 343379

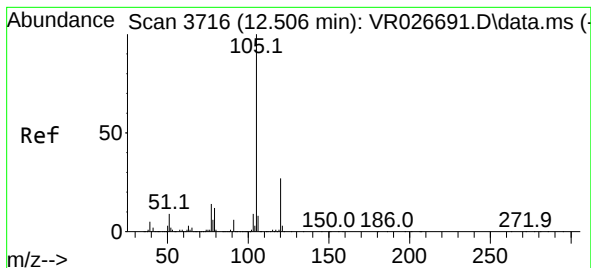
Ion Ratio Lower Upper

152 100

115 52.5 27.8 83.4

150 158.5 0.0 350.4





#72

Isopropylbenzene

Concen: 2.492 ug/l

RT: 12.509 min Scan# 3716

Delta R.T. 0.003 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

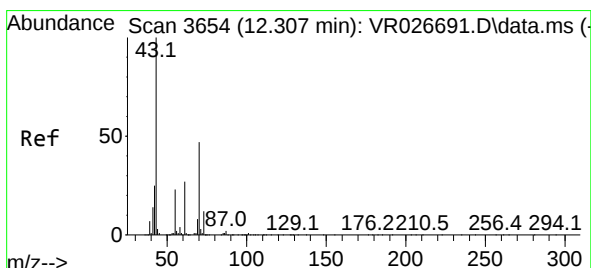
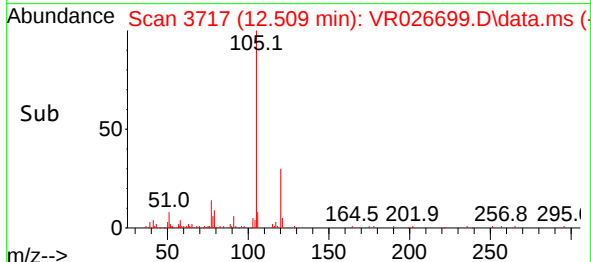
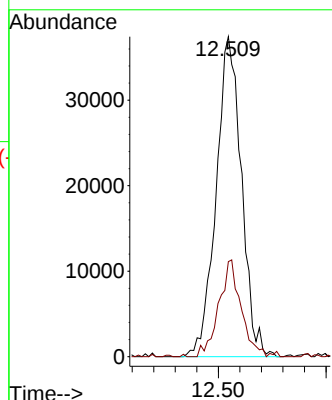
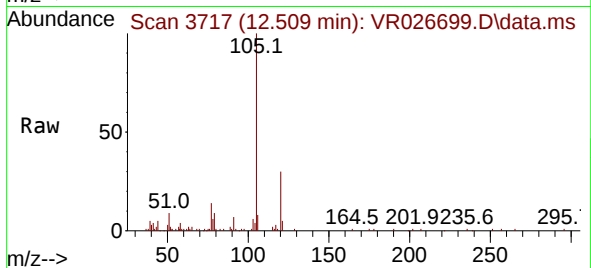
MDL01

Tgt Ion:105 Resp: 60991

Ion Ratio Lower Upper

105 100

120 26.6 14.2 42.8



#73

N-ethyl acetate

Concen: 2.657 ug/l

RT: 12.310 min Scan# 3655

Delta R.T. 0.003 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Tgt Ion: 43 Resp: 25782

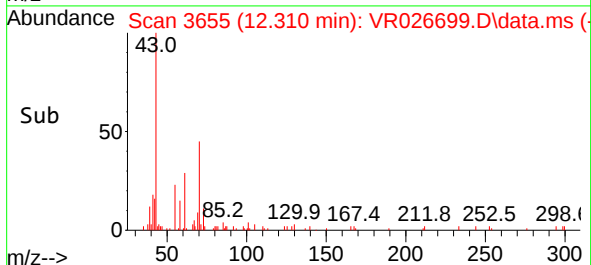
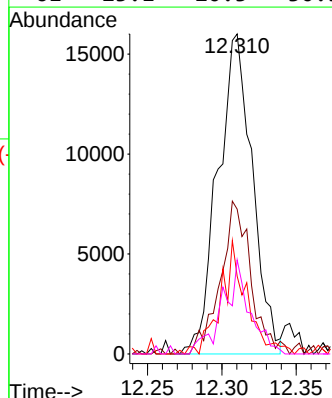
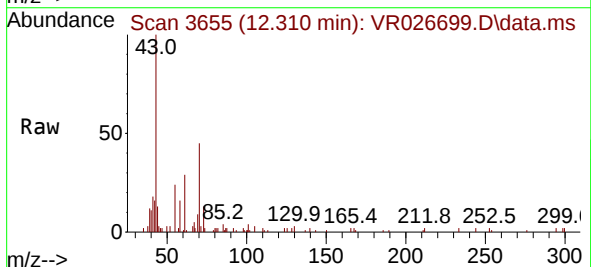
Ion Ratio Lower Upper

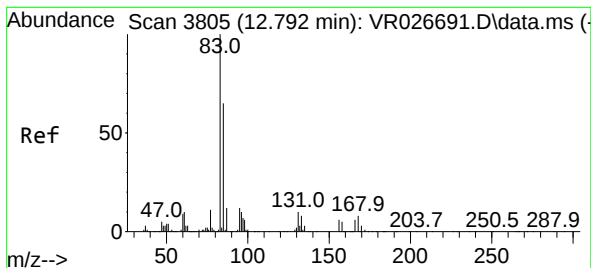
43 100

70 42.1 36.4 54.6

55 27.2 18.7 28.1

61 23.1 20.3 30.5





#74

1,1,2,2-Tetrachloroethane

Concen: 2.600 ug/l

RT: 12.795 min Scan# 3805

Delta R.T. 0.003 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

MDL01

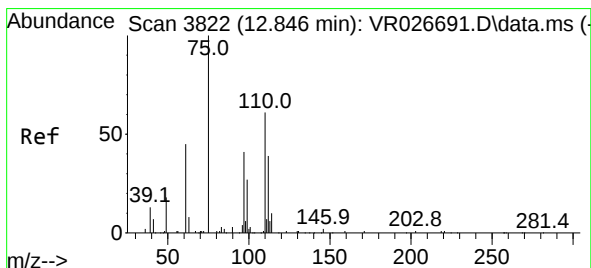
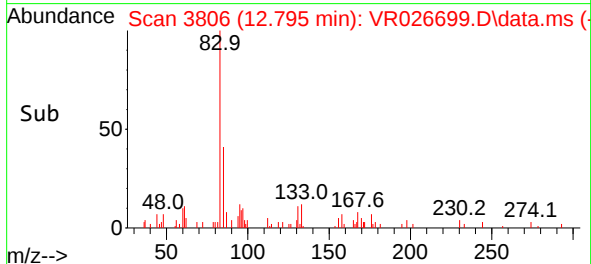
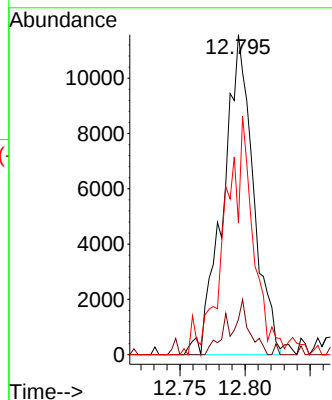
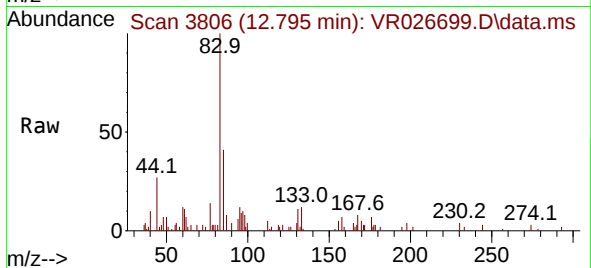
Tgt Ion: 83 Resp: 18670

Ion Ratio Lower Upper

83 100

131 7.4 4.2 12.4

85 67.6 32.3 96.8



#75

1,2,3-Trichloropropane

Concen: 3.728 ug/l

RT: 12.849 min Scan# 3823

Delta R.T. 0.003 min

Lab File: VR026699.D

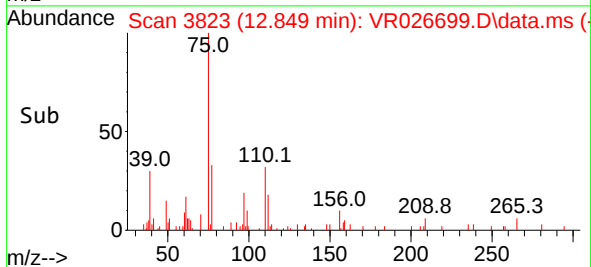
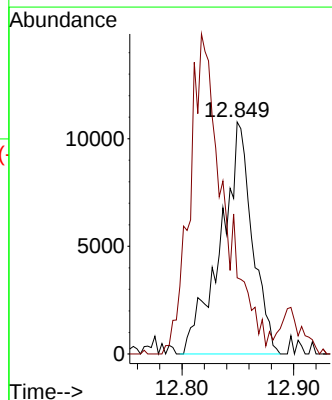
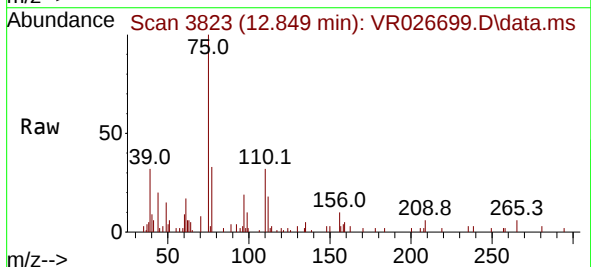
Acq: 4 Aug 2025 16:20

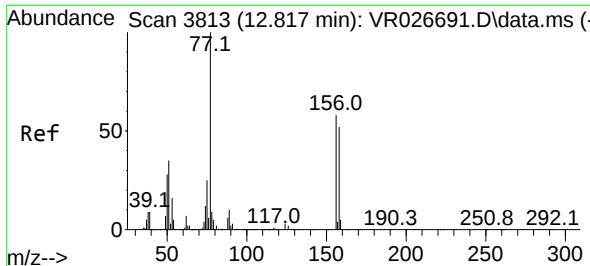
Tgt Ion: 75 Resp: 21220

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

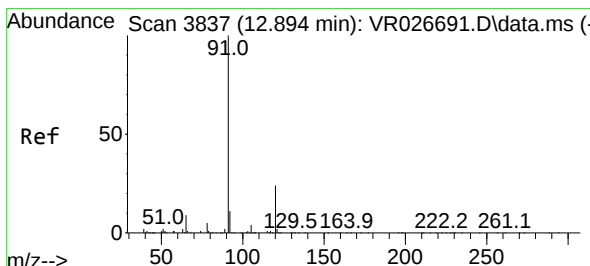
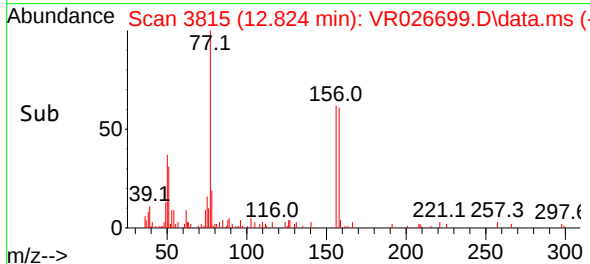
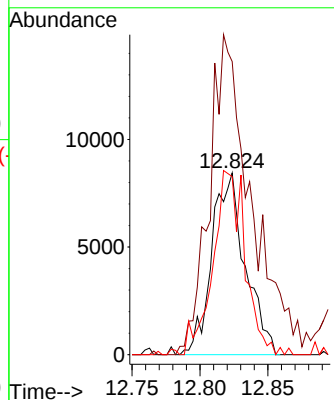
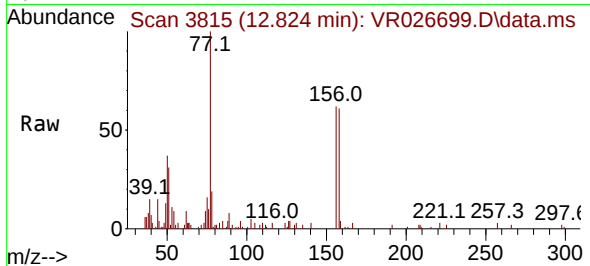




#76
Bromobenzene
Concen: 2.551 ug/l
RT: 12.824 min Scan# 3815
Delta R.T. 0.006 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

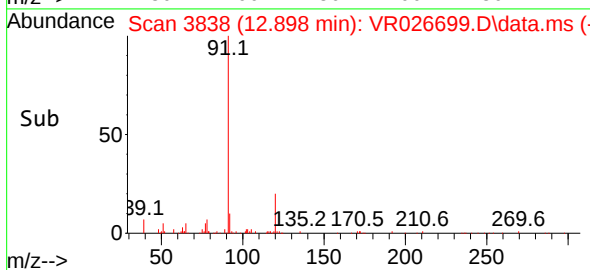
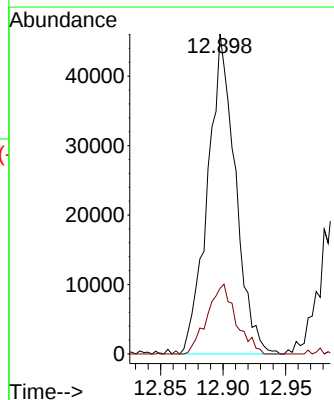
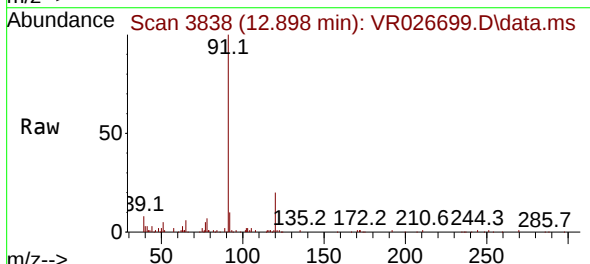
Instrument :
MSVOA_R
ClientSampleId :
MDL01

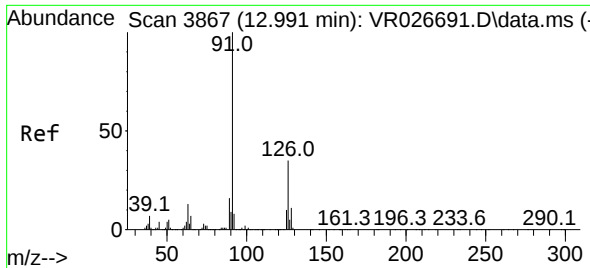
Tgt Ion:156 Resp: 14446
Ion Ratio Lower Upper
156 100
77 222.3 105.5 316.4
158 97.7 46.4 139.1



#77
n-propylbenzene
Concen: 2.433 ug/l
RT: 12.898 min Scan# 3838
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 91 Resp: 71046
Ion Ratio Lower Upper
91 100
120 22.6 11.9 35.9

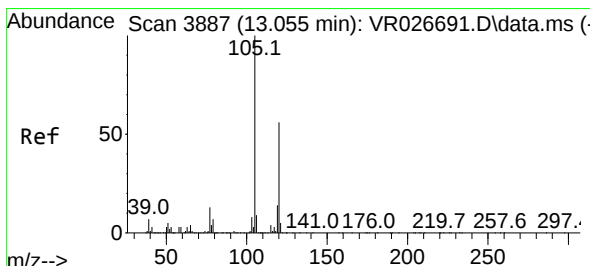
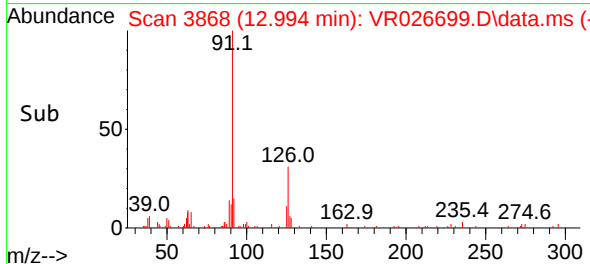
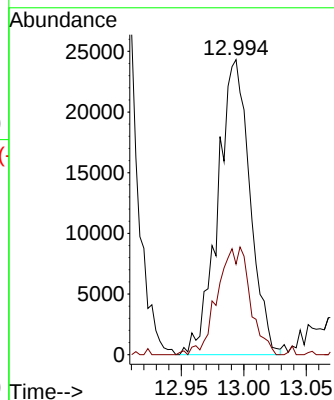
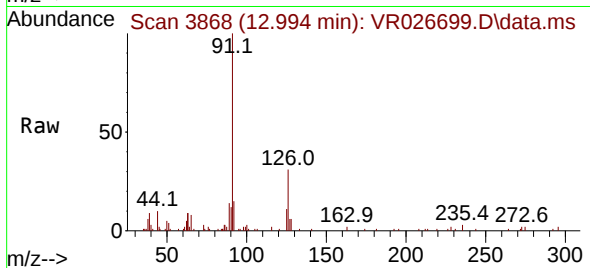




#78
2-Chlorotoluene
Concen: 2.629 ug/l
RT: 12.994 min Scan# 3868
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

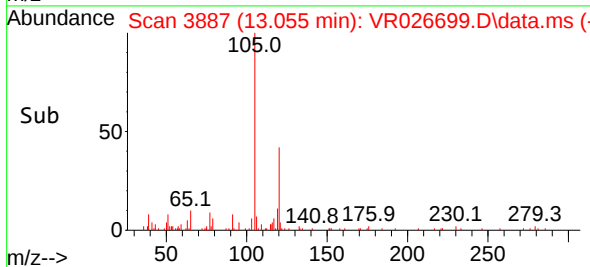
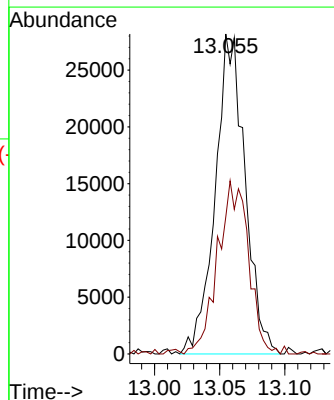
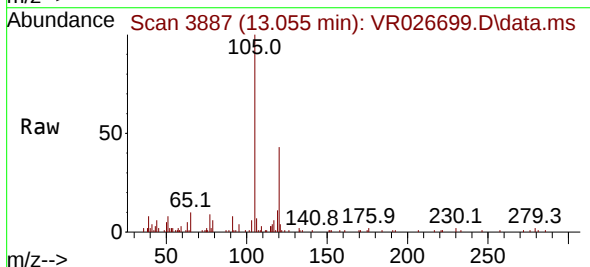
Instrument :
MSVOA_R
ClientSampleId :
MDL01

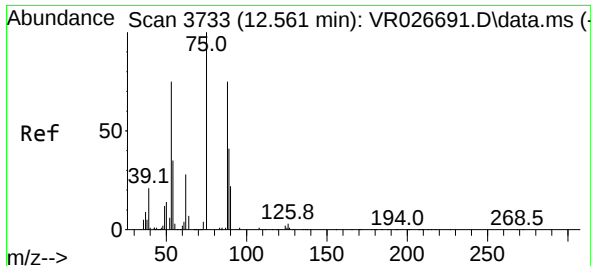
Tgt Ion: 91 Resp: 43547
Ion Ratio Lower Upper
91 100
126 37.2 17.5 52.6



#79
1,3,5-Trimethylbenzene
Concen: 2.340 ug/l
RT: 13.055 min Scan# 3887
Delta R.T. -0.000 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 105 Resp: 44792
Ion Ratio Lower Upper
105 100
120 55.9 26.6 79.7

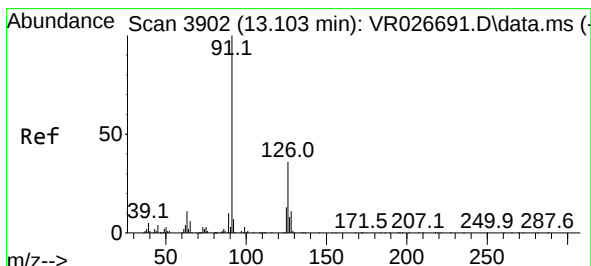
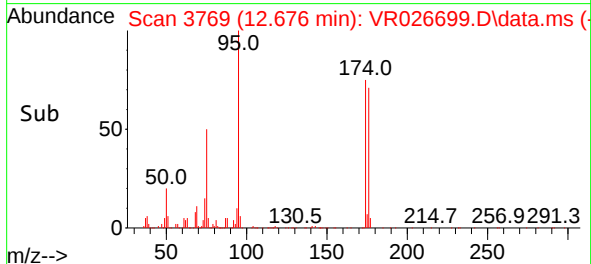
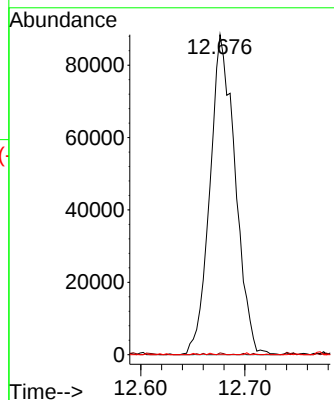
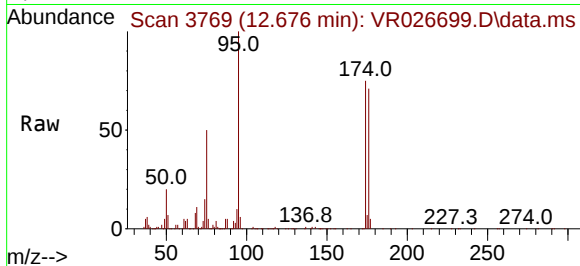




#80
 trans-1,4-Dichloro-2-butene
 Concen: 76.357 ug/l
 RT: 12.676 min Scan# 31
 Delta R.T. 0.115 min
 Lab File: VR026699.D
 Acq: 4 Aug 2025 16:20

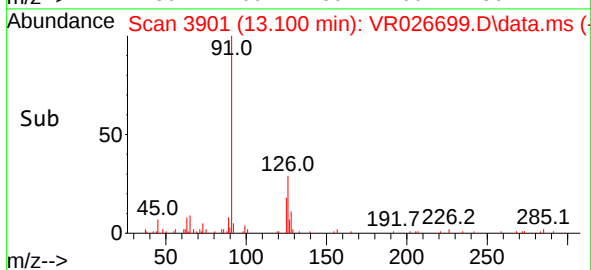
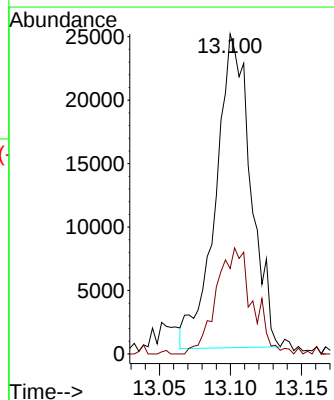
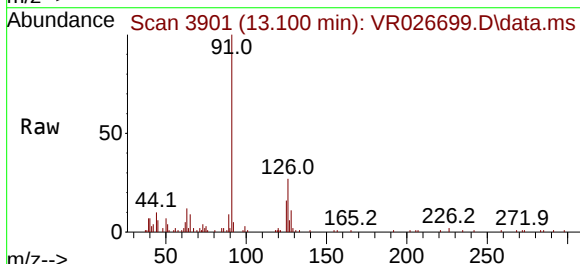
Instrument :
 MSVOA_R
 ClientSampleId :
 MDL01

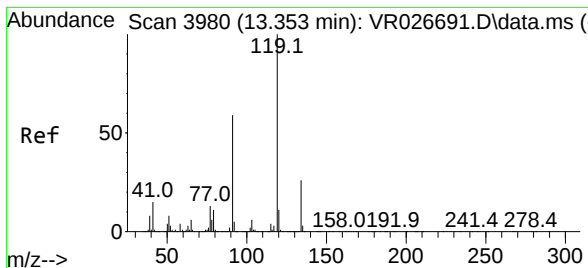
Tgt Ion: 75 Resp: 149221
 Ion Ratio Lower Upper
 75 100
 53 0.1 67.8 101.6#
 89 0.0 34.6 52.0#



#81
 4-Chlorotoluene
 Concen: 2.511 ug/l
 RT: 13.100 min Scan# 3901
 Delta R.T. -0.003 min
 Lab File: VR026699.D
 Acq: 4 Aug 2025 16:20

Tgt Ion: 91 Resp: 42493
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.8 53.3





#82

tert-Butylbenzene

Concen: 2.458 ug/l

RT: 13.353 min Scan# 3980

Delta R.T. -0.000 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

MDL01

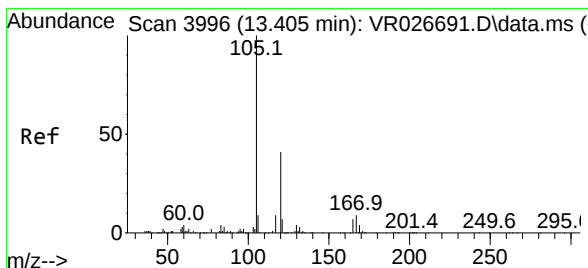
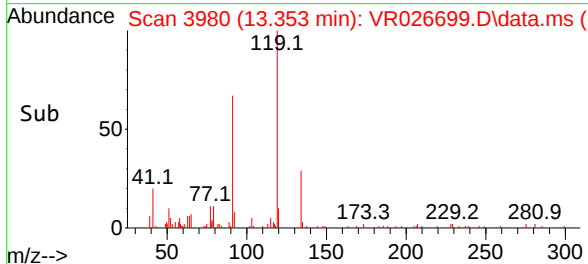
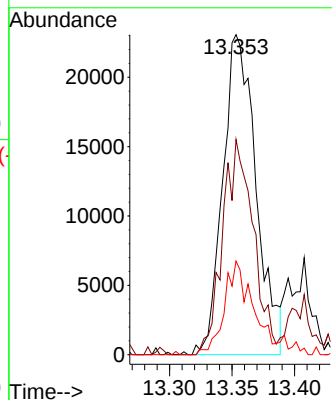
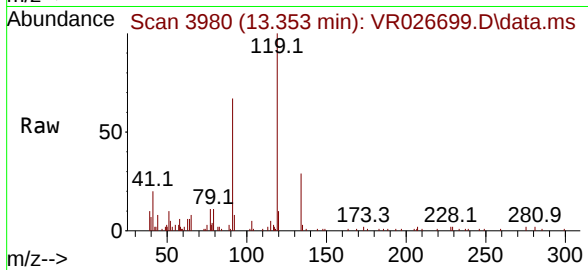
Tgt Ion:119 Resp: 42784

Ion Ratio Lower Upper

119 100

91 61.9 29.9 89.7

134 24.9 13.5 40.4



#83

1,2,4-Trimethylbenzene

Concen: 2.424 ug/l

RT: 13.408 min Scan# 3997

Delta R.T. 0.003 min

Lab File: VR026699.D

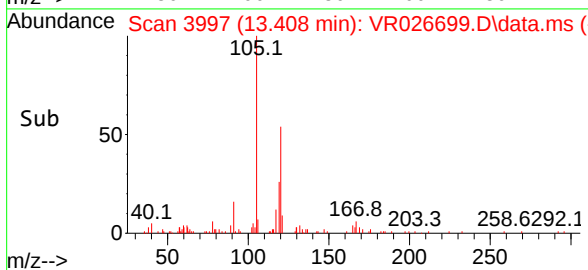
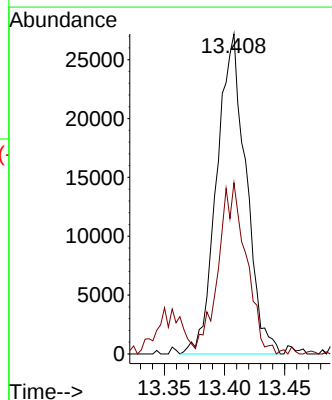
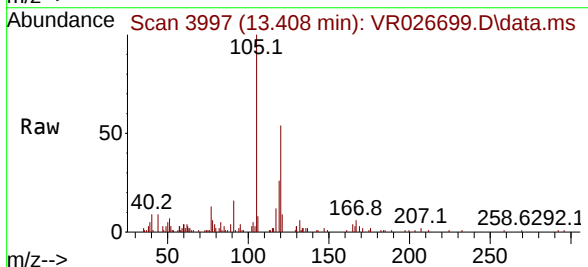
Acq: 4 Aug 2025 16:20

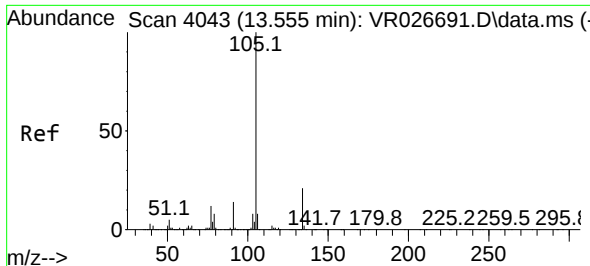
Tgt Ion:105 Resp: 45913

Ion Ratio Lower Upper

105 100

120 48.9 25.0 75.0

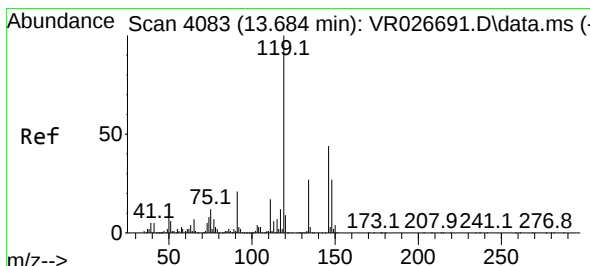
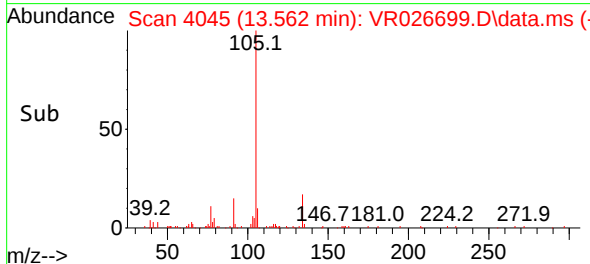
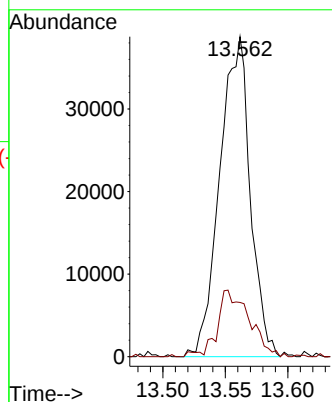
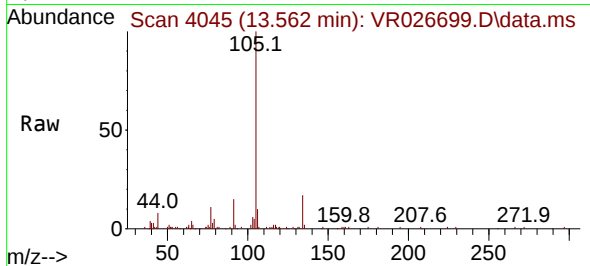




#84
 sec-Butylbenzene
 Concen: 2.546 ug/l
 RT: 13.562 min Scan# 4045
 Delta R.T. 0.006 min
 Lab File: VR026699.D
 Acq: 4 Aug 2025 16:20

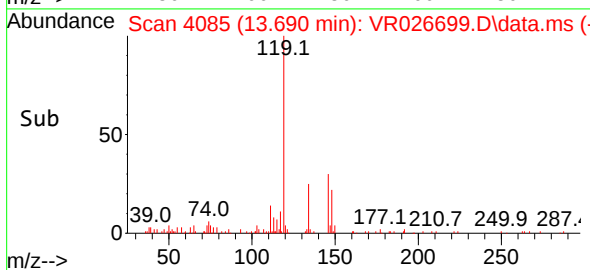
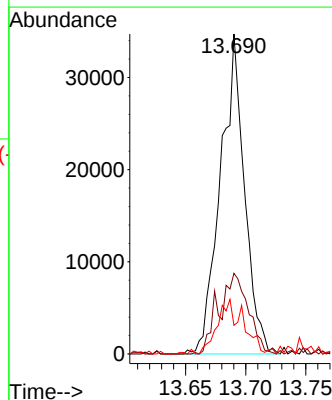
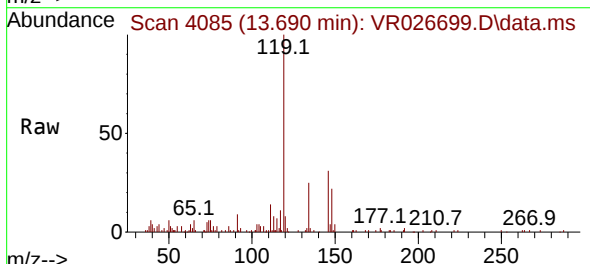
Instrument :
 MSVOA_R
 ClientSampleId :
 MDL01

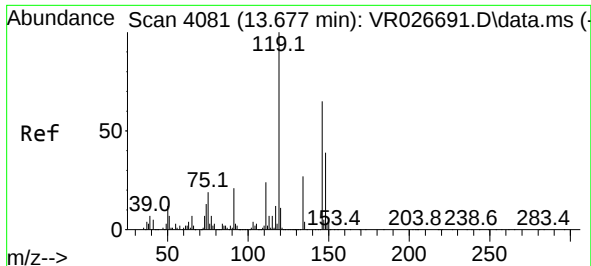
Tgt Ion:105 Resp: 65737
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.4 31.1



#85
 p-Isopropyltoluene
 Concen: 2.303 ug/l
 RT: 13.690 min Scan# 4085
 Delta R.T. 0.006 min
 Lab File: VR026699.D
 Acq: 4 Aug 2025 16:20

Tgt Ion:119 Resp: 48467
 Ion Ratio Lower Upper
 119 100
 134 22.7 13.9 41.7
 91 12.5 10.4 31.2

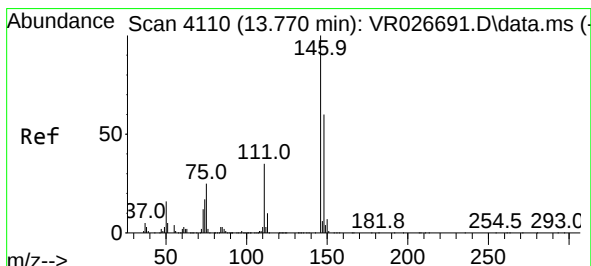
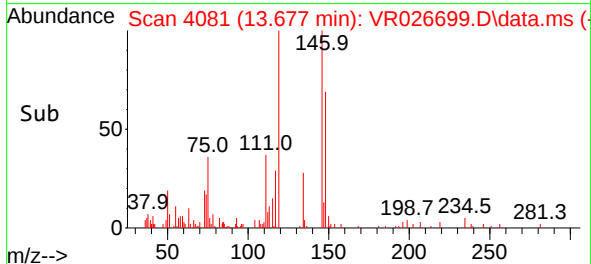
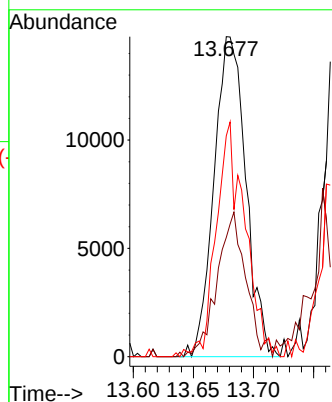
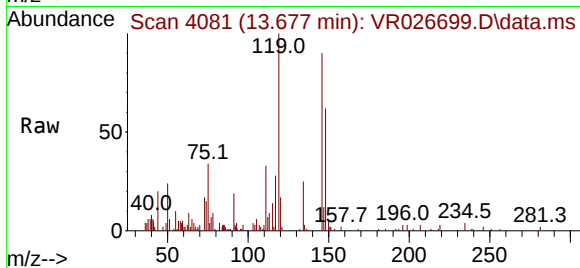




#86
1,3-Dichlorobenzene
Concen: 2.451 ug/l
RT: 13.677 min Scan# 4081
Delta R.T. -0.000 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

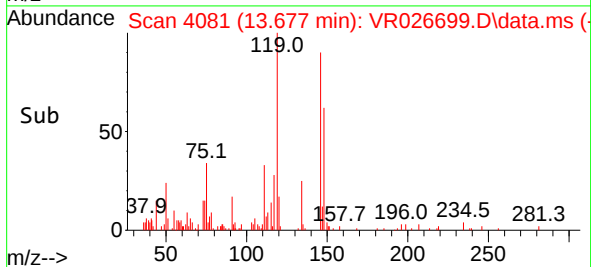
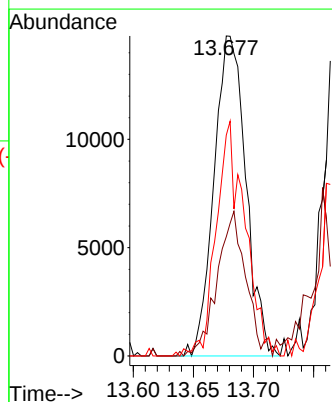
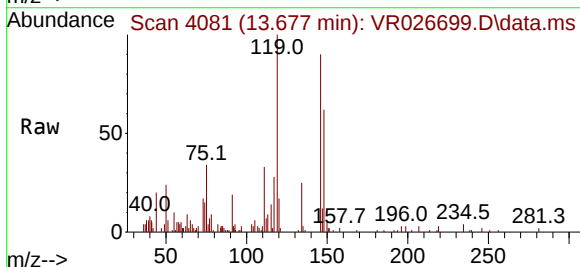
Instrument :
MSVOA_R
ClientSampleId :
MDL01

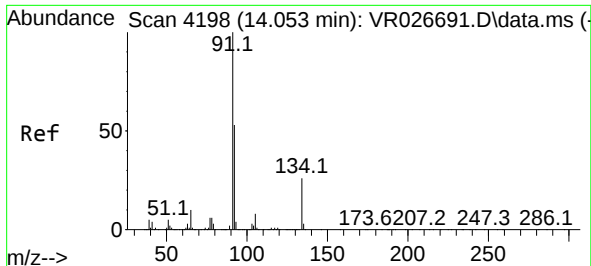
Tgt Ion:146 Resp: 27212
Ion Ratio Lower Upper
146 100
111 40.9 19.4 58.2
148 66.6 31.4 94.3



#87
1,4-Dichlorobenzene
Concen: 2.442 ug/l
RT: 13.677 min Scan# 4081
Delta R.T. -0.093 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion:146 Resp: 27212
Ion Ratio Lower Upper
146 100
111 40.9 19.1 57.3
148 66.6 32.6 97.8

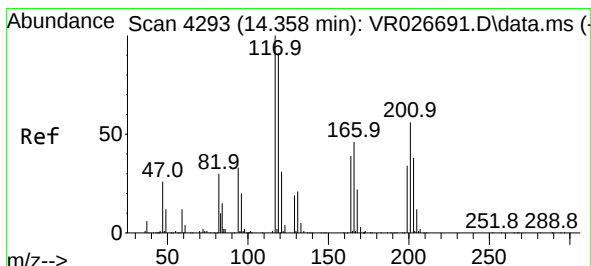
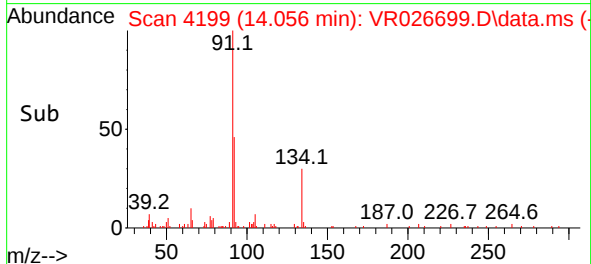
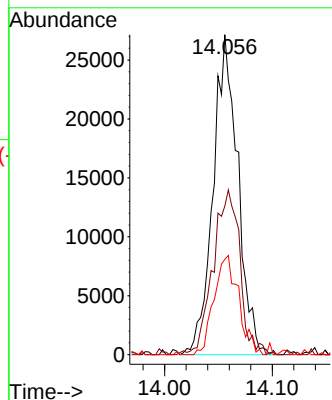
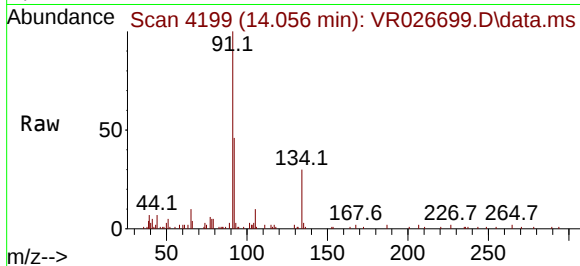




#88
n-Butylbenzene
Concen: 2.234 ug/l
RT: 14.056 min Scan# 4198
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

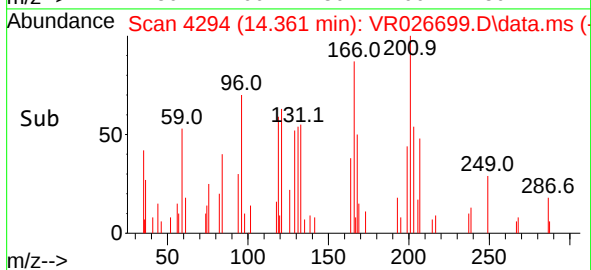
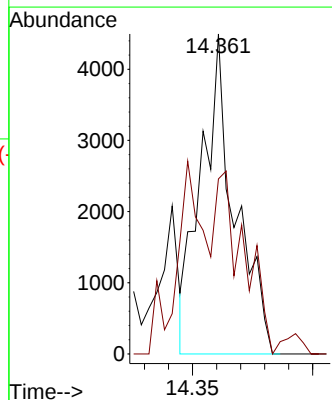
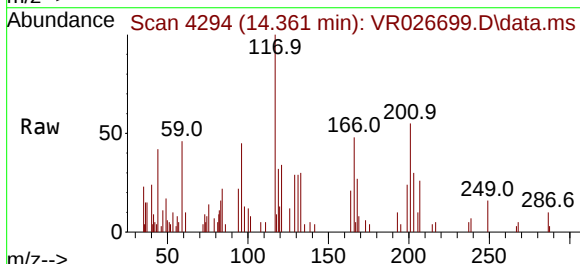
Instrument :
MSVOA_R
ClientSampleId :
MDL01

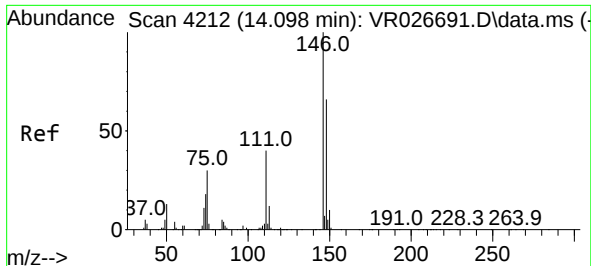
Tgt Ion: 91 Resp: 43335
Ion Ratio Lower Upper
91 100
92 55.8 27.1 81.2
134 30.8 13.1 39.3



#89
Hexachloroethane
Concen: 1.453 ug/l
RT: 14.361 min Scan# 4294
Delta R.T. 0.003 min
Lab File: VR026699.D
Acq: 4 Aug 2025 16:20

Tgt Ion: 117 Resp: 4392
Ion Ratio Lower Upper
117 100
201 48.7 30.6 92.0

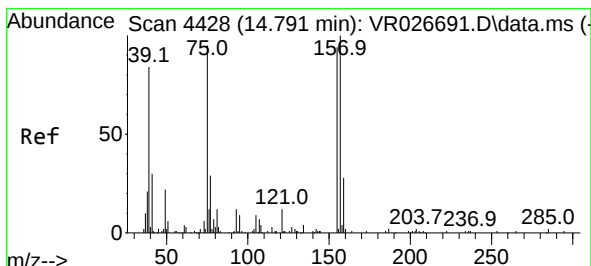
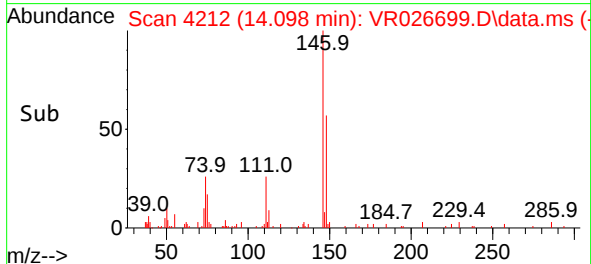
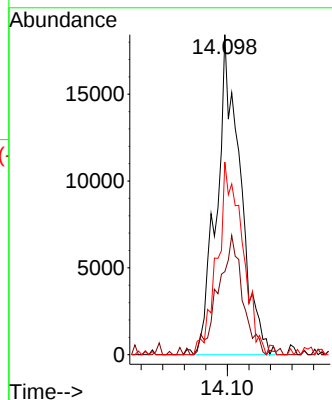
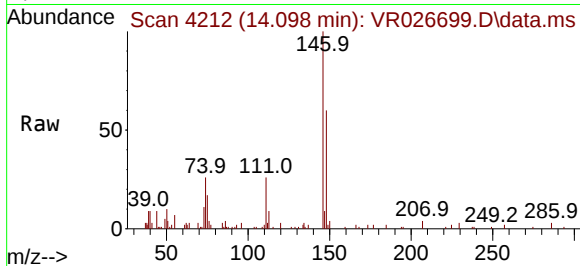




#90
 1,2-Dichlorobenzene
 Concen: 2.697 ug/l
 RT: 14.098 min Scan# 4212
 Delta R.T. -0.000 min
 Lab File: VR026699.D
 Acq: 4 Aug 2025 16:20

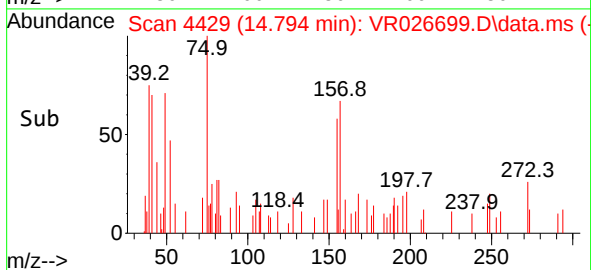
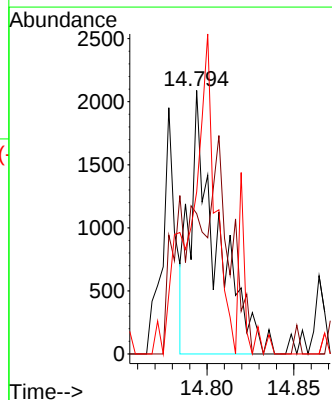
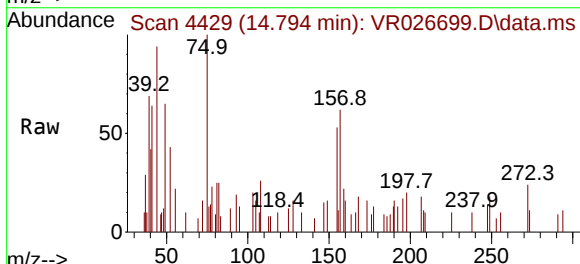
Instrument :
 MSVOA_R
 ClientSampleId :
 MDL01

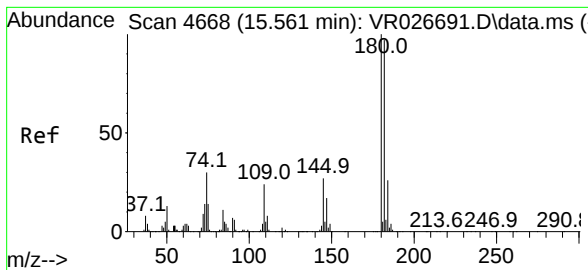
Tgt Ion:	146	Resp:	28127
Ion Ratio	Lower	Upper	
146	100		
111	38.2	20.0	60.0
148	63.2	32.4	97.0



#91
 1,2-Dibromo-3-Chloropropane
 Concen: 2.337 ug/l
 RT: 14.794 min Scan# 4429
 Delta R.T. 0.003 min
 Lab File: VR026699.D
 Acq: 4 Aug 2025 16:20

Tgt Ion:	75	Resp:	2235
Ion Ratio	Lower	Upper	
75	100		
155	55.7	48.0	144.2
157	113.9	59.5	178.4

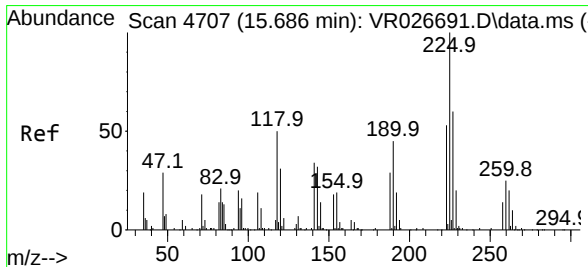
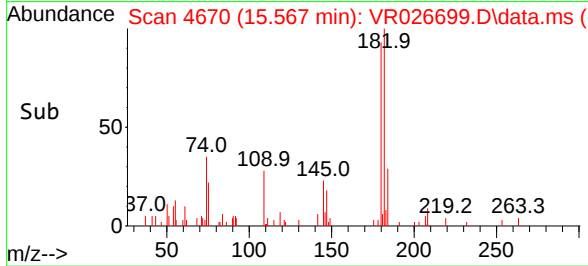
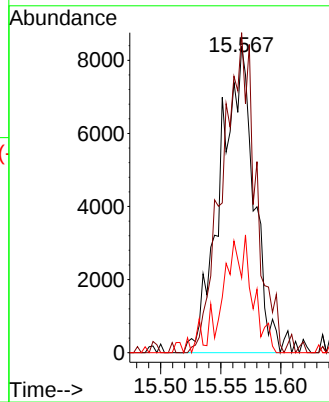
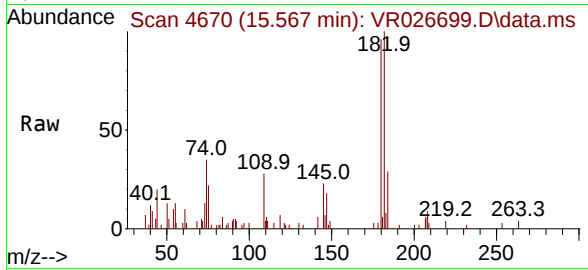




#92
 1,2,4-Trichlorobenzene
 Concen: 2.585 ug/l
 RT: 15.567 min Scan# 4670
 Delta R.T. 0.006 min
 Lab File: VR026699.D
 Acq: 4 Aug 2025 16:20

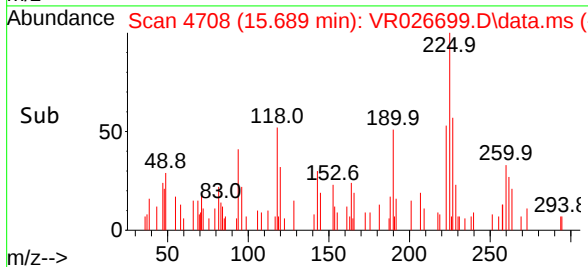
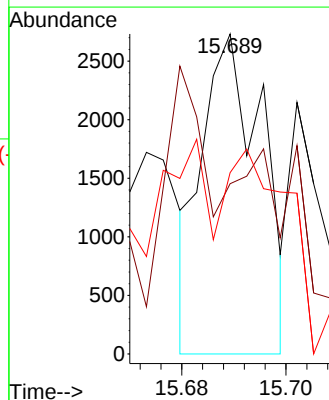
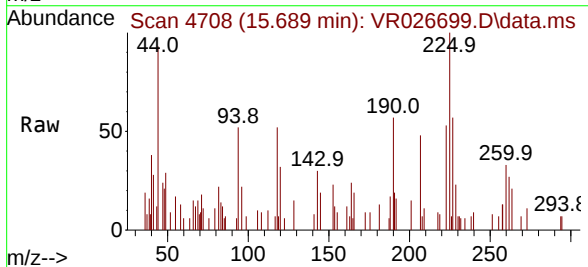
Instrument :
 MSVOA_R
 ClientSampleId :
 MDL01

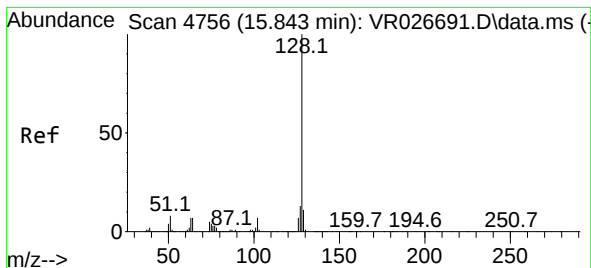
Tgt Ion:	180	Resp:	16123
Ion	Ratio	Lower	Upper
180	100		
182	104.4	47.0	141.0
145	31.6	15.2	45.5



#93
 Hexachlorobutadiene
 Concen: 1.076 ug/l
 RT: 15.689 min Scan# 4708
 Delta R.T. 0.003 min
 Lab File: VR026699.D
 Acq: 4 Aug 2025 16:20

Tgt Ion:	225	Resp:	2180
Ion	Ratio	Lower	Upper
225	100		
223	48.2	31.4	94.2
227	85.5	31.6	95.0





#94

Naphthalene

Concen: 3.633 ug/l

RT: 15.843 min Scan# 41

Delta R.T. -0.000 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Instrument :

MSVOA_R

ClientSampleId :

MDL01

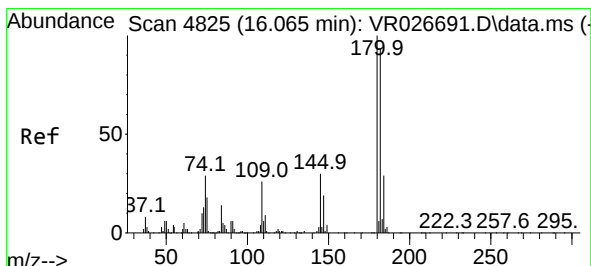
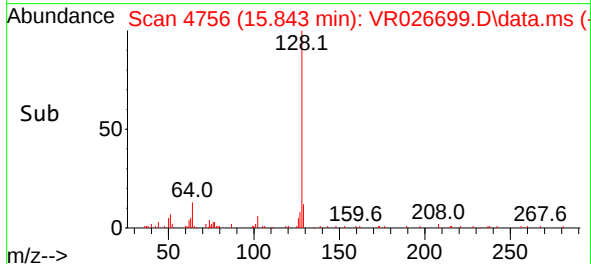
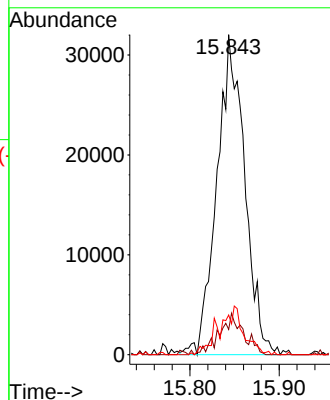
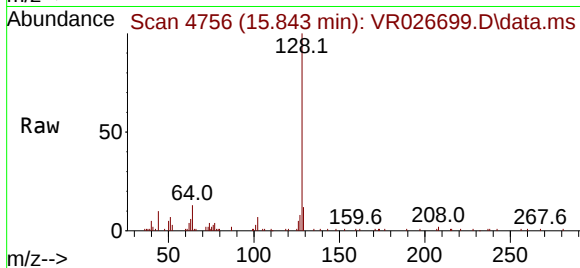
Tgt Ion:128 Resp: 69424

Ion Ratio Lower Upper

128 100

127 9.9 9.8 14.8

129 10.0 8.6 13.0



#95

1,2,3-Trichlorobenzene

Concen: 2.723 ug/l

RT: 15.567 min Scan# 4670

Delta R.T. -0.497 min

Lab File: VR026699.D

Acq: 4 Aug 2025 16:20

Tgt Ion:180 Resp: 16123

Ion Ratio Lower Upper

180 100

182 104.4 47.2 141.6

145 32.5 15.5 46.5

