

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080525\
 Data File : VR026711.D
 Acq On : 5 Aug 2025 14:08
 Operator : SY/MD
 Sample : MDL05
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 06 01:24:34 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	7.289	168	409311	50.000	ug/l	-0.02
33) 1,4-Difluorobenzene	8.319	114	770899	50.000	ug/l	-0.01
62) Chlorobenzene-d5	11.527	117	593243	50.000	ug/l	-0.02
71) 1,4-Dichlorobenzene-d4	13.735	152	270189	50.000	ug/l	-0.01

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.677	65	274851	53.055	ug/l	-0.02
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.100%	
34) Dibromofluoromethane	7.192	113	221972	46.554	ug/l	-0.01
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.100%	
49) Toluene-d8	10.026	98	911992	53.388	ug/l	-0.01
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.780%	
61) 4-Bromofluorobenzene	12.667	95	234849	48.336	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.680%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.660	85	5651	1.894	ug/l	77
3) Chloromethane	1.843	50	11773	2.655	ug/l #	78
4) Vinyl Chloride	1.955	62	13083	2.887	ug/l	98
5) Bromomethane	2.295	94	7214	3.267	ug/l	100
6) Chloroethane	2.421	64	9741	3.339	ug/l	91
7) Trichlorofluoromethane	2.709	101	25782	3.157	ug/l	97
8) Diethyl Ether	3.072	74	9835	2.714	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.370	101	6400	1.453	ug/l #	48
10) Methyl Iodide	3.550	142	3403	0.800	ug/l #	71
11) Tert butyl alcohol	4.327	59	852	1.051	ug/l #	1
12) 1,1-Dichloroethene	3.348	96	9017	2.071	ug/l #	90
13) Acrolein	3.236	56	8388	7.079	ug/l #	63
14) Allyl chloride	3.868	41	8881	1.037	ug/l #	63
15) Acrylonitrile	4.468	53	15916	4.947	ug/l #	33
16) Acetone	3.444	43	34948	14.373	ug/l #	84
17) Carbon Disulfide	3.640	76	3911	0.607	ug/l #	83
18) Methyl Acetate	3.897	43	14915	1.470	ug/l #	77
19) Methyl tert-butyl Ether	4.555	73	15122	0.868	ug/l	95
20) Methylene Chloride	4.076	84	8946	1.550	ug/l #	92
21) trans-1,2-Dichloroethene	4.519	96	5406	1.129	ug/l	91
22) Diisopropyl ether	5.463	45	49208	2.451	ug/l #	80
23) Vinyl Acetate	5.382	43	150965	13.190	ug/l #	89
24) 1,1-Dichloroethane	5.325	63	7027	0.691	ug/l #	90
25) 2-Butanone	6.377	43	42946	11.412	ug/l #	89
26) 2,2-Dichloropropane	6.335	77	8886	1.265	ug/l	89
27) cis-1,2-Dichloroethene	6.339	96	7037	1.143	ug/l	25
28) Bromochloromethane	6.743	49	10260	2.801	ug/l	97
29) Chloroform	6.945	83	13960	1.585	ug/l	99
30) Cyclohexane	7.279	56	15050	1.833	ug/l #	84
31) 1,1,1-Trichloroethane	7.170	97	12359	1.943	ug/l #	48
35) 1,1-Dichloropropene	7.426	75	12136	2.018	ug/l #	70
36) Ethyl Acetate	6.477	43	21028	2.920	ug/l #	77
37) Carbon Tetrachloride	7.391	117	6297	1.285	ug/l #	76
38) Methylcyclohexane	8.877	83	14116	2.050	ug/l #	72
39) Benzene	7.696	78	49903	2.304	ug/l #	83
41) 1,2-Dichloroethane	7.783	62	12861	2.334	ug/l	86

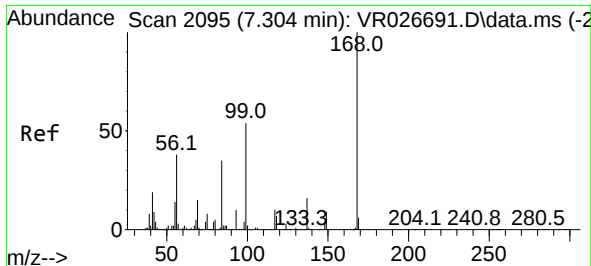
Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080525\
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Isopropyl Acetate	7.863	43	25088	2.167	ug/l #	89
43) Trichloroethene	8.601	130	9378	2.251	ug/l	50
44) 1,2-Dichloropropane	8.906	63	5165	1.008	ug/l #	87
45) Dibromomethane	9.012	93	3669	1.287	ug/l #	1
46) Bromodichloromethane	9.240	83	10931	1.979	ug/l #	84
47) Methyl methacrylate	9.021	41	6787	1.339	ug/l #	57
48) 1,4-Dioxane	9.025	88	3211	39.334	ug/l	96
50) 4-Methyl-2-Pentanone	9.913	43	75599	12.506	ug/l	98
51) Toluene	10.103	92	26290	2.377	ug/l	93
52) t-1,3-Dichloropropene	10.350	75	4640	0.857	ug/l #	58
53) cis-1,3-Dichloropropene	9.730	75	5142	0.792	ug/l #	59
54) 1,1,2-Trichloroethane	10.558	97	10565	2.616	ug/l #	90
55) Ethyl methacrylate	10.430	69	15444	2.316	ug/l	96
57) 2-Chloroethyl Vinyl ether	9.576	63	3109	8.436	ug/l	91
58) 2-Hexanone	10.796	43	48425	11.883	ug/l	99
59) Dibromochloromethane	10.953	129	6603	1.932	ug/l	100
60) 1,2-Dibromoethane	11.075	107	9426	2.712	ug/l #	51
63) Tetrachloroethene	10.648	164	8480	2.617	ug/l #	48
64) Chlorobenzene	11.560	112	29619	2.399	ug/l #	82
65) 1,1,1,2-Tetrachloroethane	11.653	131	6962	2.065	ug/l #	62
66) Ethyl Benzene	11.653	91	46086	2.236	ug/l	99
67) m/p-Xylenes	11.778	106	35858	4.354	ug/l	94
68) o-Xylene	11.778	106	35858	4.485	ug/l	86
69) Styrene	12.169	104	27379	2.049	ug/l	96
70) Bromoform	12.349	173	2280	1.195	ug/l #	61
72) Isopropylbenzene	12.497	105	40073	2.081	ug/l	100
73) N-amyl acetate	12.294	43	15399	2.017	ug/l #	78
74) 1,1,2,2-Tetrachloroethane	12.785	83	14680	2.598	ug/l	93
75) 1,2,3-Trichloropropane	12.837	75	13462	3.006	ug/l #	100
76) Bromobenzene	12.811	156	7829	1.757	ug/l	72
77) n-propylbenzene	12.888	91	50898	2.215	ug/l	81
78) 2-Chlorotoluene	12.984	91	27455	2.106	ug/l	98
79) 1,3,5-Trimethylbenzene	13.042	105	30650	2.035	ug/l	95
80) trans-1,4-Dichloro-2-b...	12.667	75	113572	73.858	ug/l #	16
81) 4-Chlorotoluene	13.090	91	30545	2.294	ug/l	74
82) tert-Butylbenzene	13.344	119	31954	2.333	ug/l	91
83) 1,2,4-Trimethylbenzene	13.392	105	31511	2.114	ug/l	97
84) sec-Butylbenzene	13.546	105	44506	2.191	ug/l	99
85) p-Isopropyltoluene	13.674	119	35100	2.119	ug/l	86
86) 1,3-Dichlorobenzene	13.668	146	20398	2.335	ug/l	99
87) 1,4-Dichlorobenzene	13.764	146	22907	2.612	ug/l	91
88) n-Butylbenzene	14.043	91	31767	2.081	ug/l	99
89) Hexachloroethane	14.338	117	4041	1.699	ug/l	77
90) 1,2-Dichlorobenzene	14.088	146	20319	2.476	ug/l	97
92) 1,2,4-Trichlorobenzene	15.551	180	12582	2.564	ug/l	61
93) Hexachlorobutadiene	15.683	225	1440	0.903	ug/l #	45
94) Naphthalene	15.831	128	39936	2.656	ug/l #	93
95) 1,2,3-Trichlorobenzene	16.058	180	12164	2.611	ug/l #	39

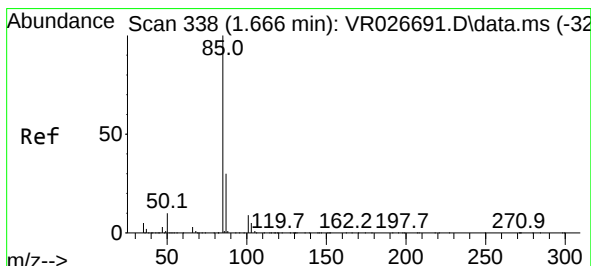
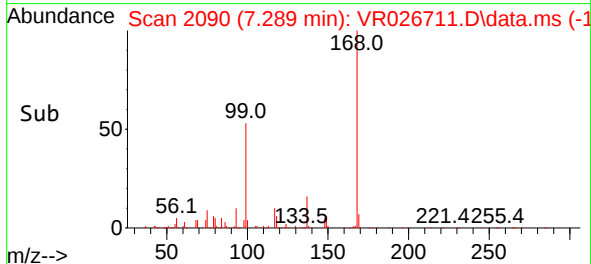
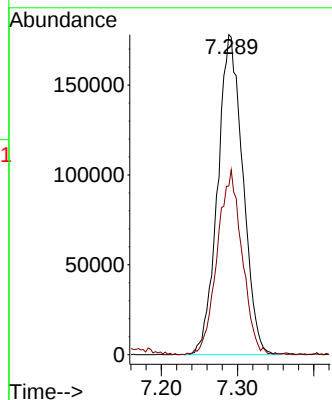
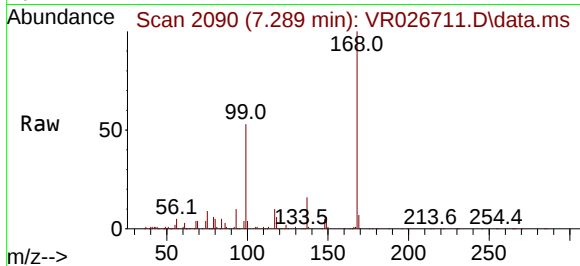
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.289 min Scan# 2095
Delta R.T. -0.015 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

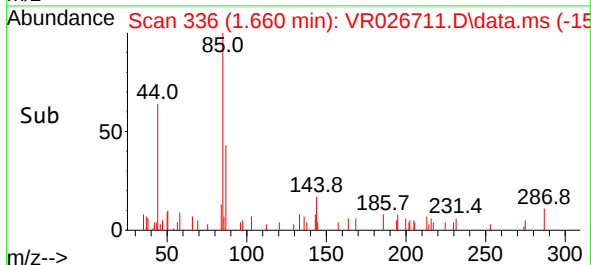
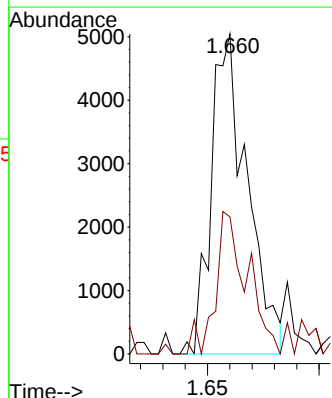
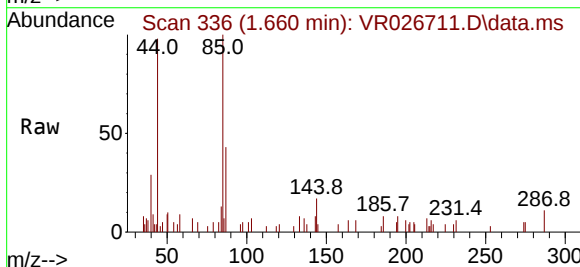
Instrument :
MSVOA_R
ClientSampleId :

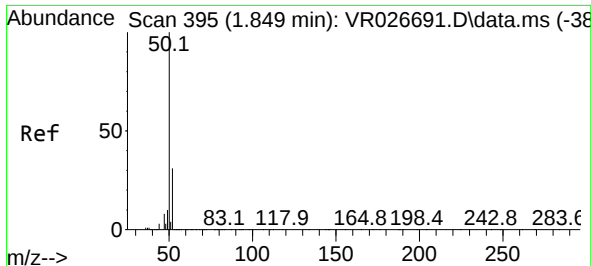
Tgt Ion:168 Resp: 409311
Ion Ratio Lower Upper
168 100
99 52.6 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 1.894 ug/l
RT: 1.660 min Scan# 336
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 85 Resp: 5651
Ion Ratio Lower Upper
85 100
87 42.9 15.2 45.5

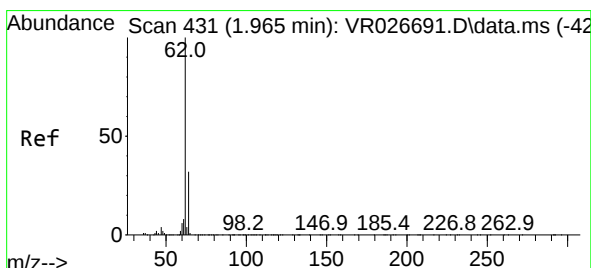
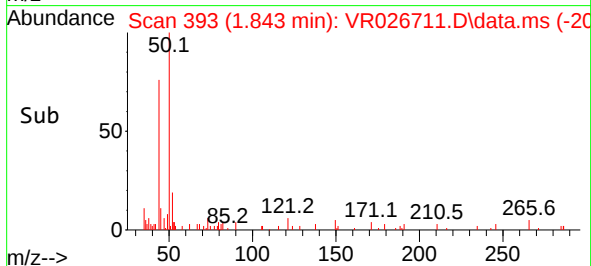
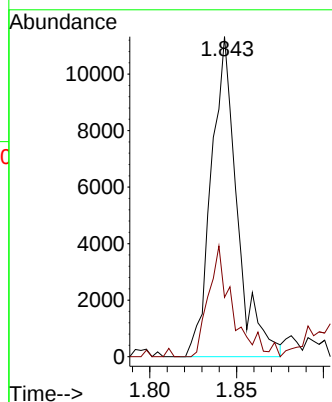
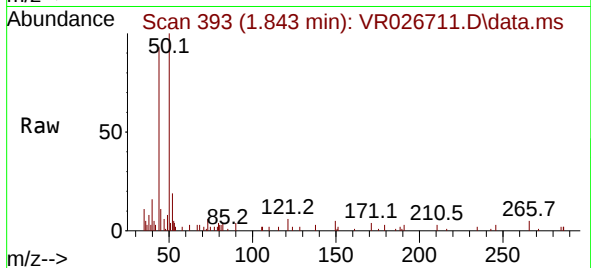




#3
Chloromethane
Concen: 2.655 ug/l
RT: 1.843 min Scan# 395
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

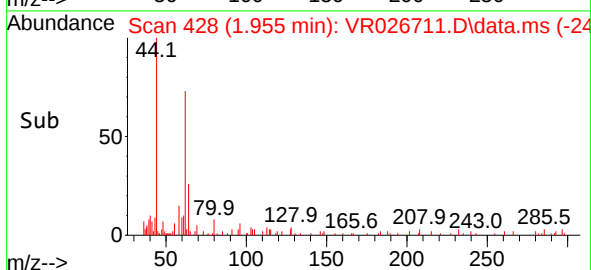
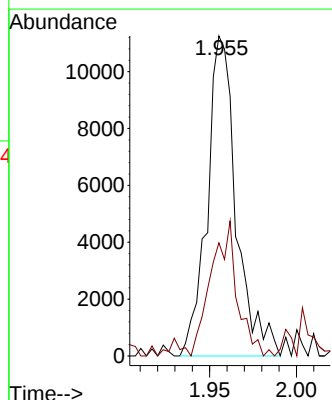
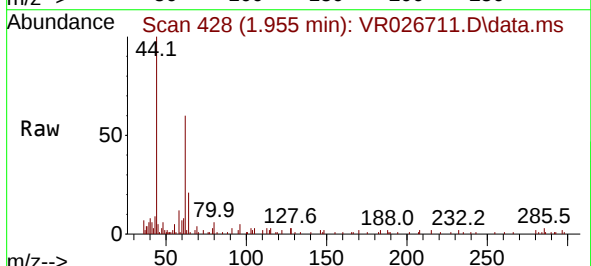
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MSVOA_R
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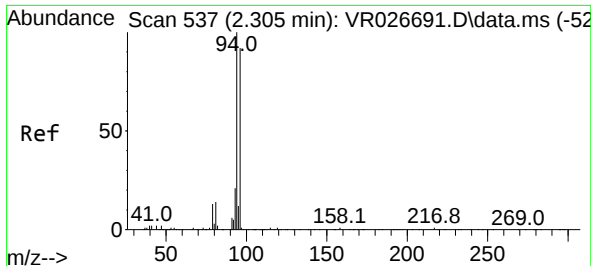
Tgt Ion: 50 Resp: 11773
Ion Ratio Lower Upper
50 100
52 18.8 25.0 37.4#



#4
Vinyl Chloride
Concen: 2.887 ug/l
RT: 1.955 min Scan# 428
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 62 Resp: 13083
Ion Ratio Lower Upper
62 100
64 33.4 25.9 38.9





#5

Bromomethane

Concen: 3.267 ug/l

RT: 2.295 min Scan# 51

Delta R.T. -0.010 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

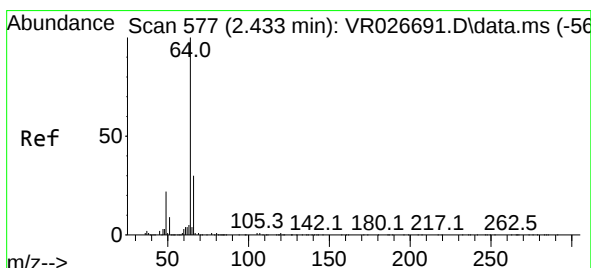
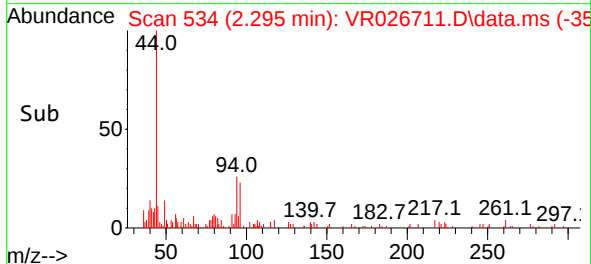
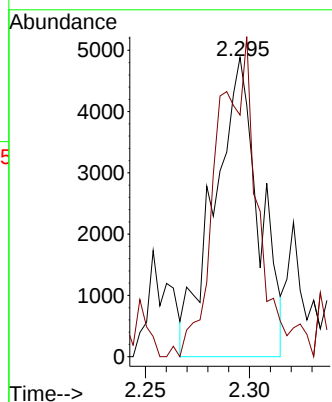
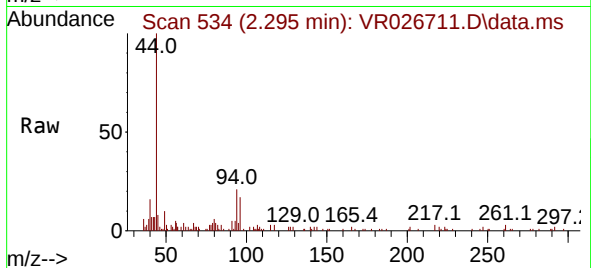
ClientSampleId :

Tgt Ion: 94 Resp: 7214

Ion Ratio Lower Upper

94 100

96 91.4 73.3 109.9



#6

Chloroethane

Concen: 3.339 ug/l

RT: 2.421 min Scan# 573

Delta R.T. -0.013 min

Lab File: VR026711.D

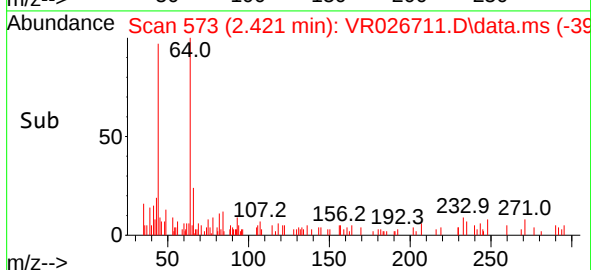
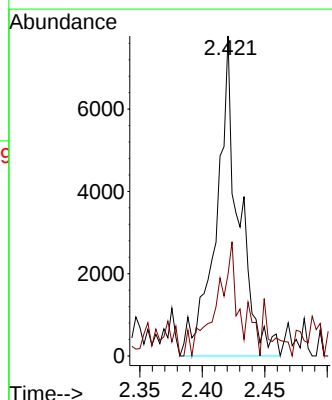
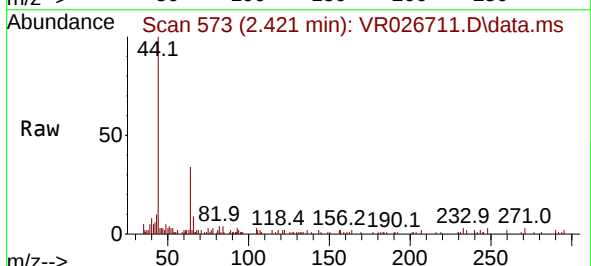
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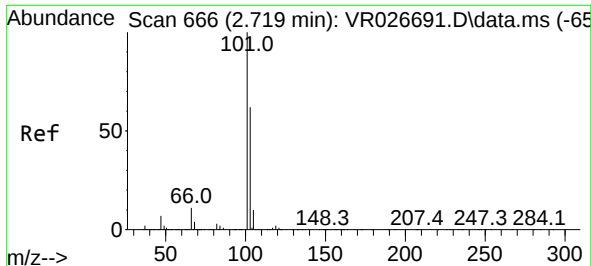
Tgt Ion: 64 Resp: 9741

Ion Ratio Lower Upper

64 100

66 25.5 24.3 36.5

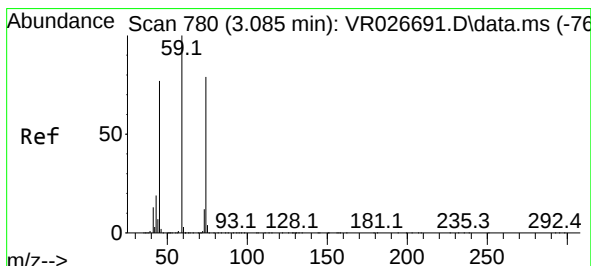
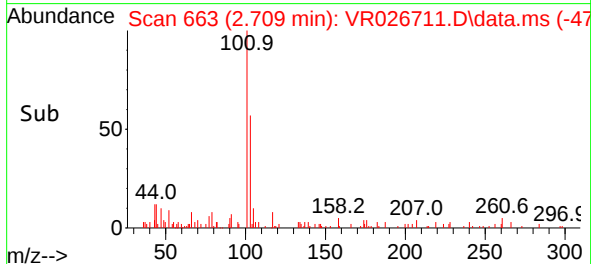
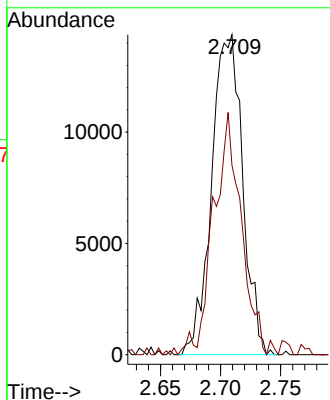
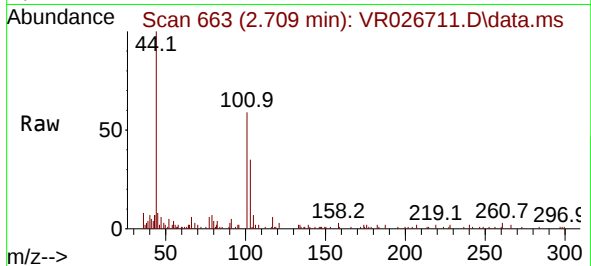




#7
 Trichlorofluoromethane
 Concen: 3.157 ug/l
 RT: 2.709 min Scan# 610
 Delta R.T. -0.010 min
 Lab File: VR026711.D
 Acq: 5 Aug 2025 14:08

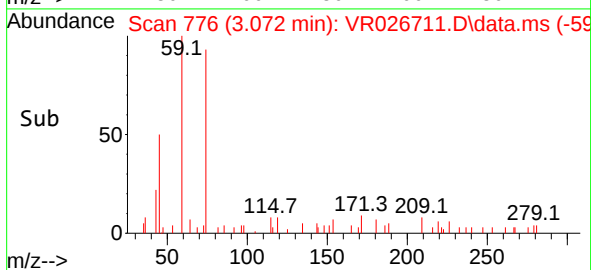
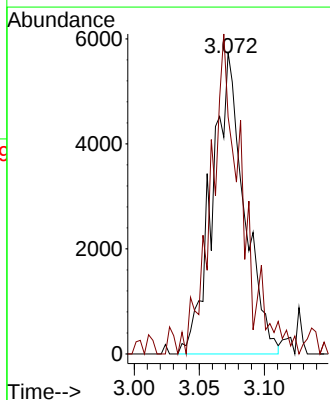
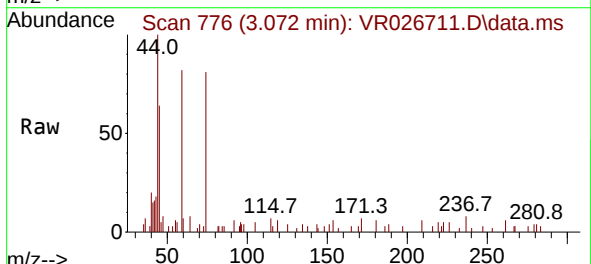
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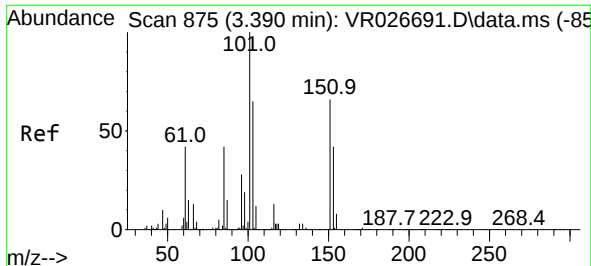
Tgt Ion:101 Resp: 25782
 Ion Ratio Lower Upper
 101 100
 103 59.2 49.4 74.2



#8
 Diethyl Ether
 Concen: 2.714 ug/l
 RT: 3.072 min Scan# 776
 Delta R.T. -0.013 min
 Lab File: VR026711.D
 Acq: 5 Aug 2025 14:08

Tgt Ion: 74 Resp: 9835
 Ion Ratio Lower Upper
 74 100
 45 92.6 47.1 141.3

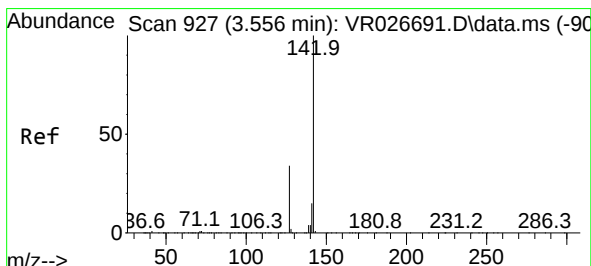
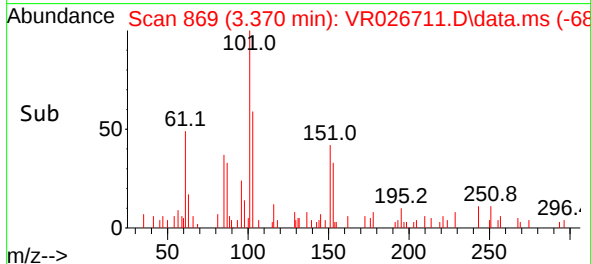
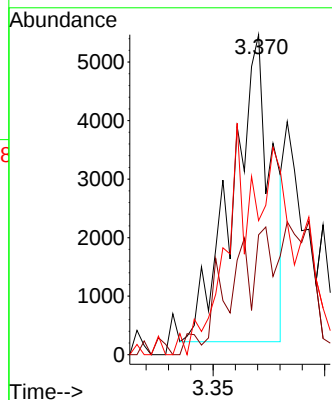
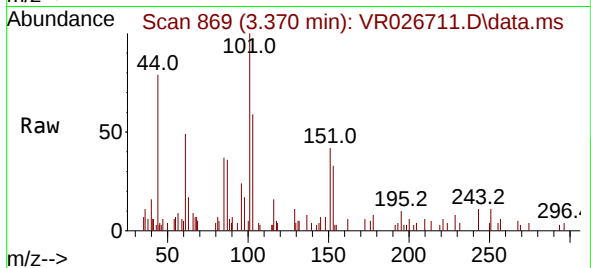




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.453 ug/l
RT: 3.370 min Scan# 875
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

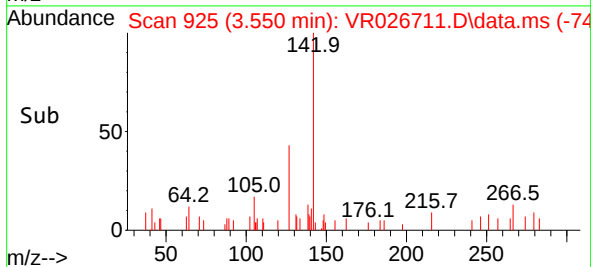
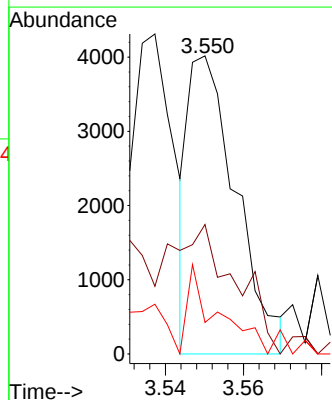
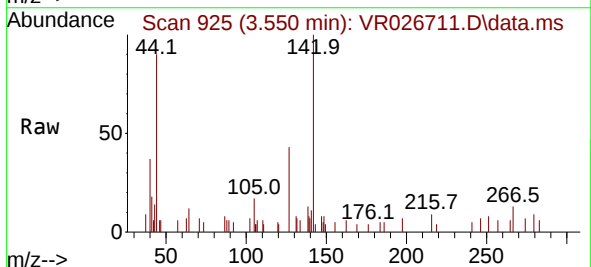
Instrument :
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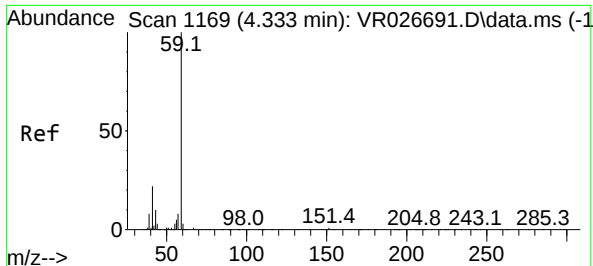
Tgt Ion:101 Resp: 6400
Ion Ratio Lower Upper
101 100
85 16.7 34.5 51.7#
151 19.6 53.4 80.0#



#10
Methyl Iodide
Concen: 0.800 ug/l
RT: 3.550 min Scan# 925
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion:142 Resp: 3403
Ion Ratio Lower Upper
142 100
127 58.8 30.1 45.1#
141 18.8 10.8 16.2#

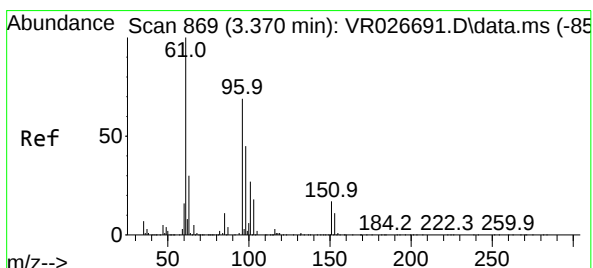
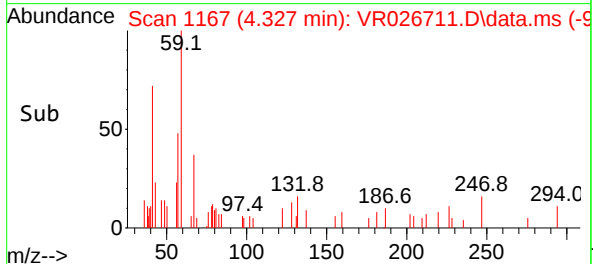
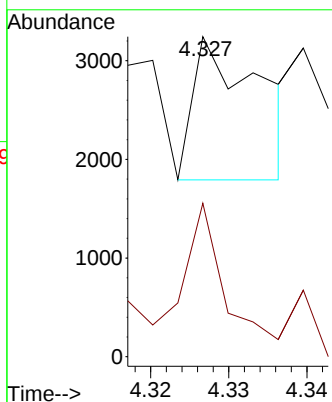
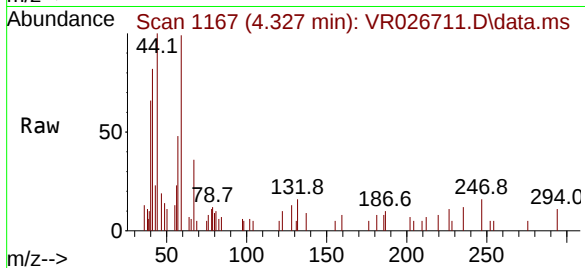




#11
Tert butyl alcohol
Concen: 1.051 ug/l
RT: 4.327 min Scan# 1169
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

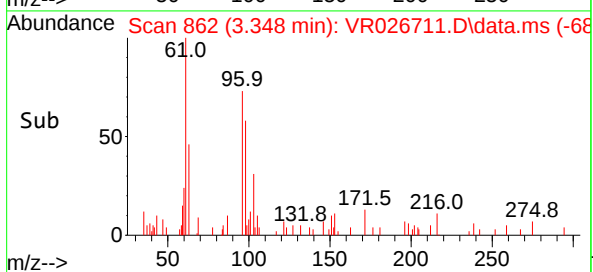
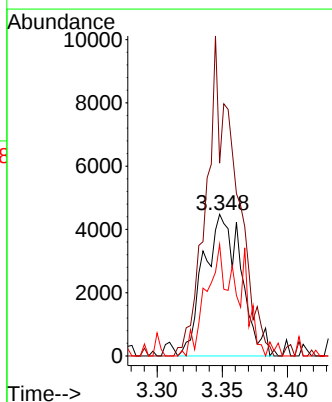
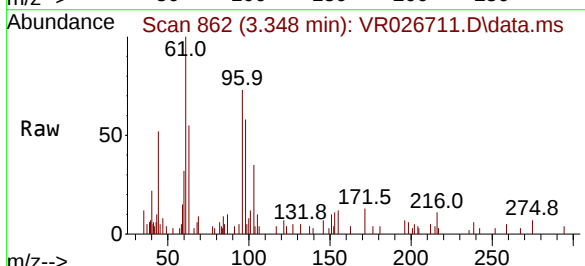
Instrument :
MSVOA_R
ClientSampleId :

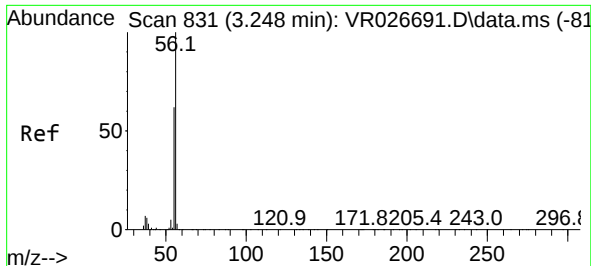
Tgt Ion: 59 Resp: 852
Ion Ratio Lower Upper
59 100
57 89.4 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 2.071 ug/l
RT: 3.348 min Scan# 862
Delta R.T. -0.022 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

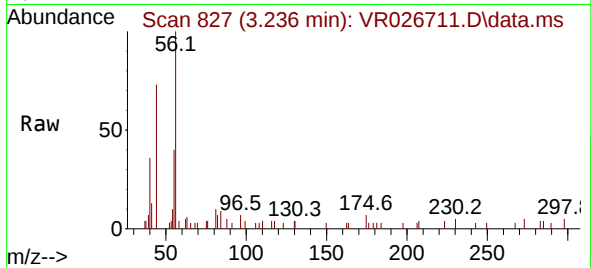
Tgt Ion: 96 Resp: 9017
Ion Ratio Lower Upper
96 100
61 136.2 116.2 174.4
98 78.8 52.3 78.5#



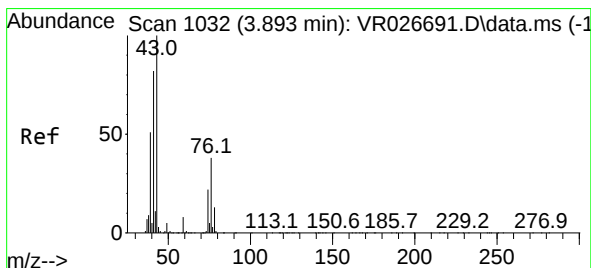
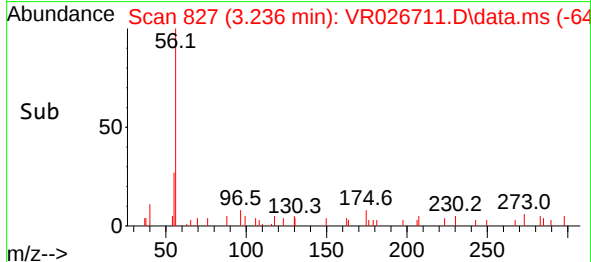
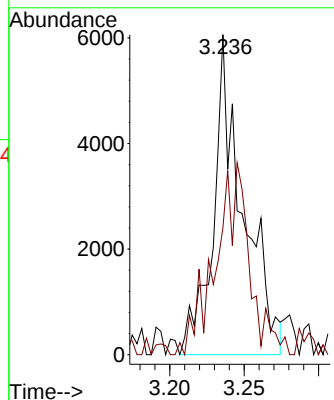


#13
Acrolein
Concen: 7.079 ug/l
RT: 3.236 min Scan# 81
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument :
MSVOA_R
ClientSampleId :

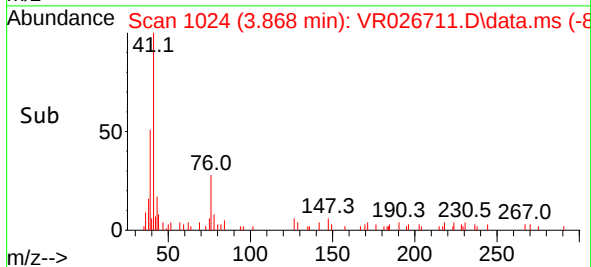
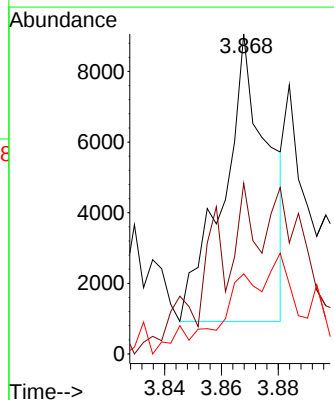
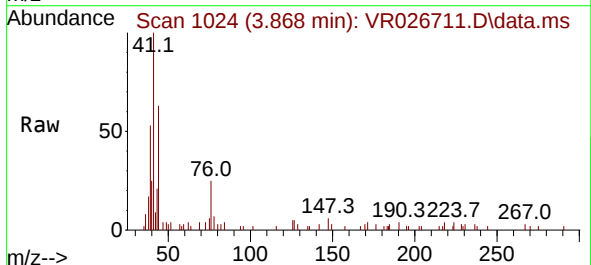


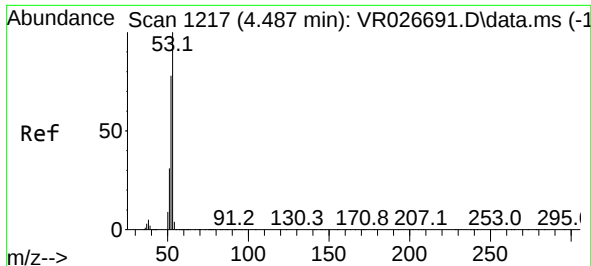
Tgt Ion: 56 Resp: 8388
Ion Ratio Lower Upper
56 100
55 37.3 53.8 80.8#



#14
Allyl chloride
Concen: 1.037 ug/l
RT: 3.868 min Scan# 1024
Delta R.T. -0.026 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

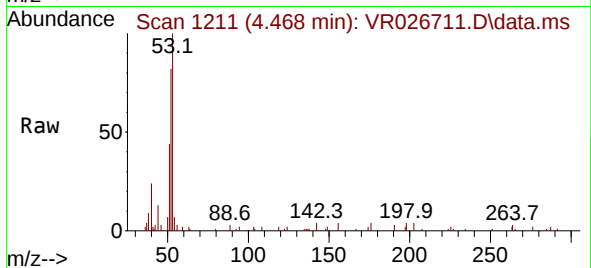
Tgt Ion: 41 Resp: 8881
Ion Ratio Lower Upper
41 100
39 27.0 44.2 66.2#
76 17.3 31.0 46.4#



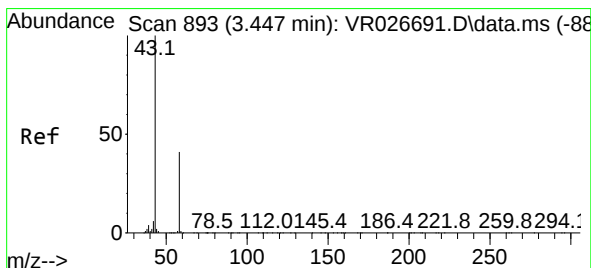
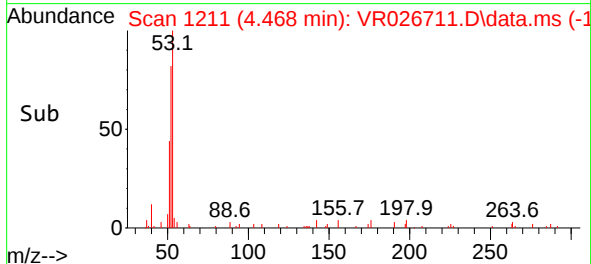
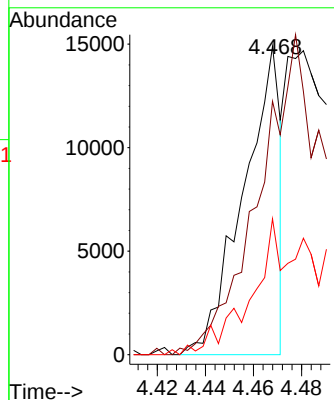


#15
Acrylonitrile
Concen: 4.947 ug/l
RT: 4.468 min Scan# 11
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument :
MSVOA_R
ClientSampleId :

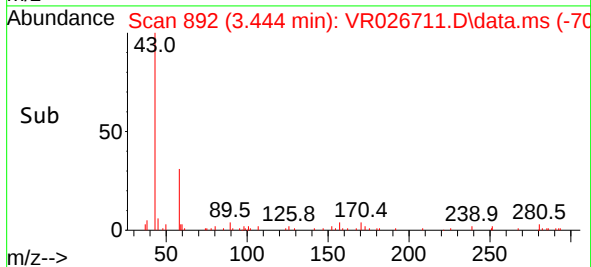
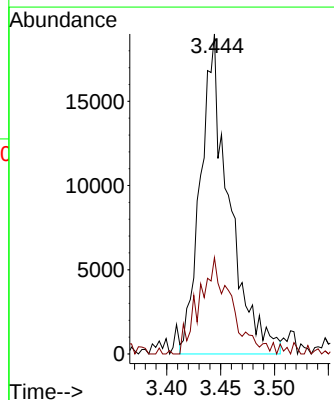
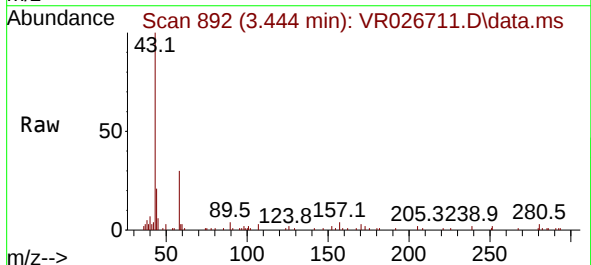


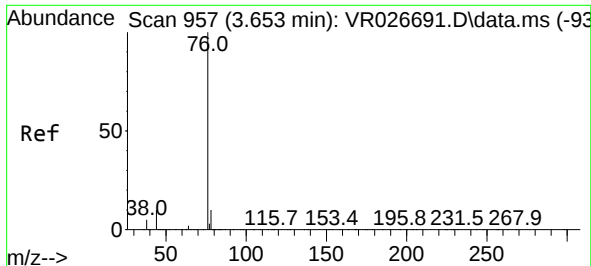
Tgt Ion: 53 Resp: 15916
Ion Ratio Lower Upper
53 100
52 0.0 61.4 92.2#
51 40.4 25.8 38.6#



#16
Acetone
Concen: 14.373 ug/l
RT: 3.444 min Scan# 892
Delta R.T. -0.003 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 43 Resp: 34948
Ion Ratio Lower Upper
43 100
58 31.0 32.9 49.3#

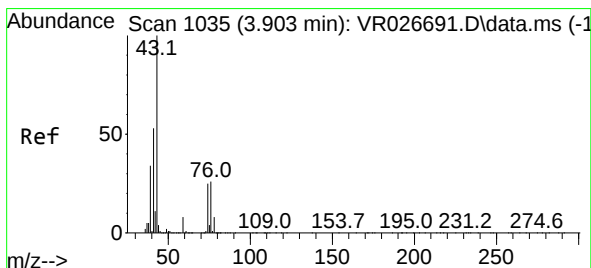
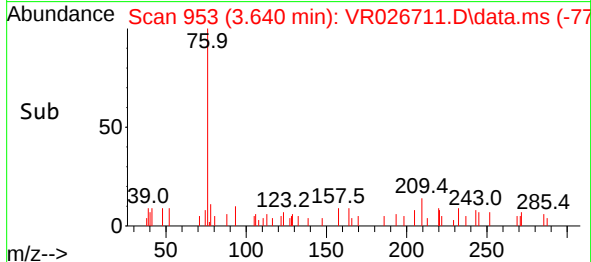
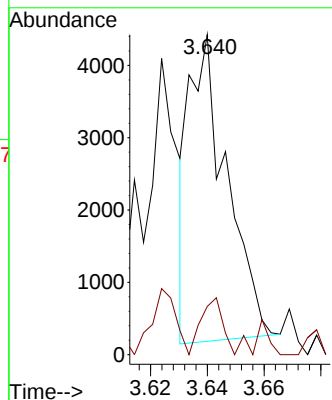
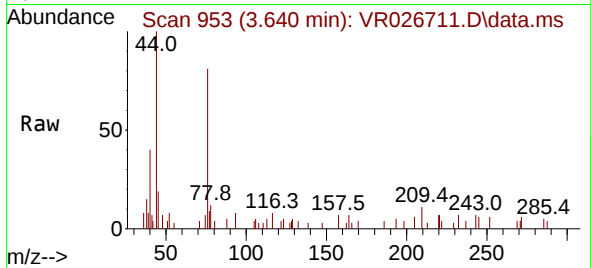




#17
Carbon Disulfide
Concen: 0.607 ug/l
RT: 3.640 min Scan# 91
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

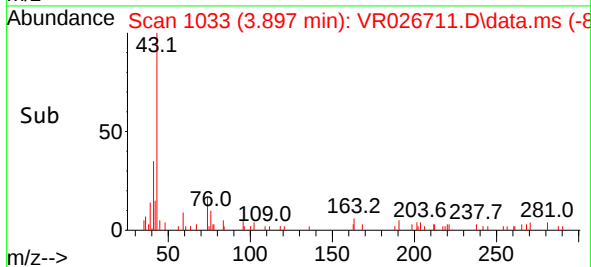
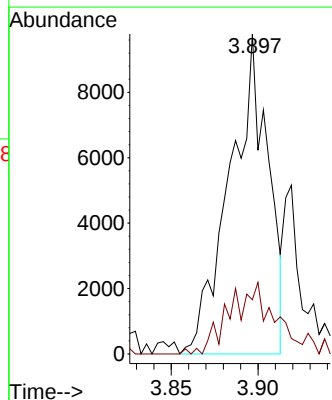
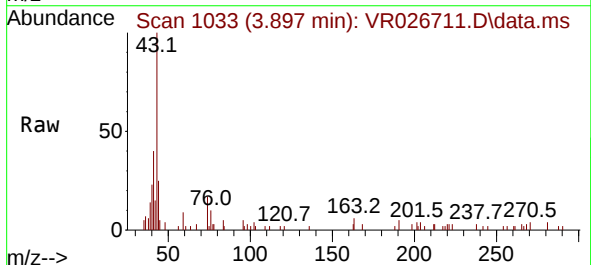
Instrument :
MSVOA_R
ClientSampleId :

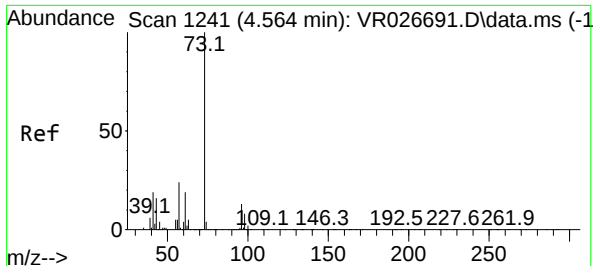
Tgt Ion: 76 Resp: 3911
Ion Ratio Lower Upper
76 100
78 16.1 7.8 11.6#



#18
Methyl Acetate
Concen: 1.470 ug/l
RT: 3.897 min Scan# 1033
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 43 Resp: 14915
Ion Ratio Lower Upper
43 100
74 12.9 19.4 29.0#





#19

Methyl tert-butyl Ether

Concen: 0.868 ug/l

RT: 4.555 min Scan# 11

Delta R.T. -0.010 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

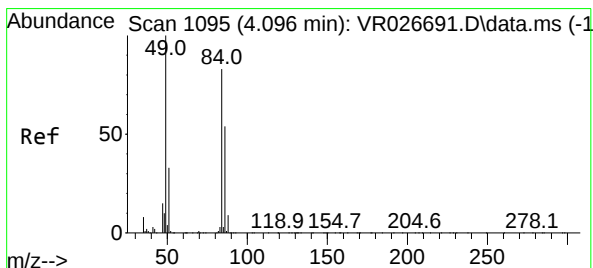
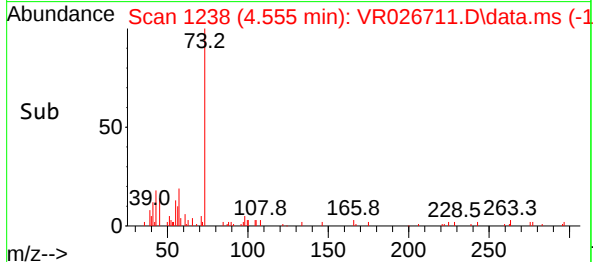
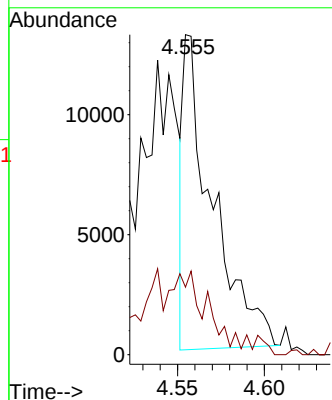
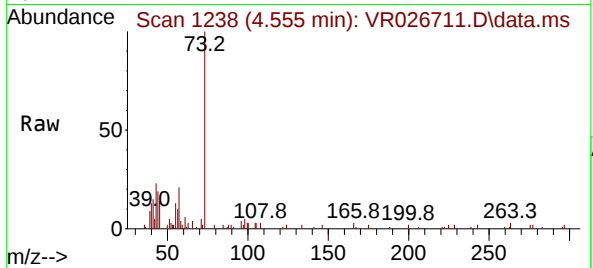
ClientSampleId :

Tgt Ion: 73 Resp: 15122

Ion Ratio Lower Upper

73 100

57 21.7 19.4 29.0



#20

Methylene Chloride

Concen: 1.550 ug/l

RT: 4.076 min Scan# 1089

Delta R.T. -0.019 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Tgt Ion: 84 Resp: 8946

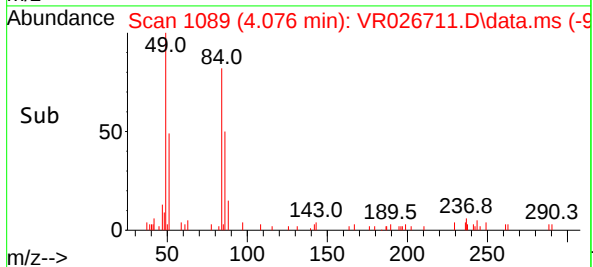
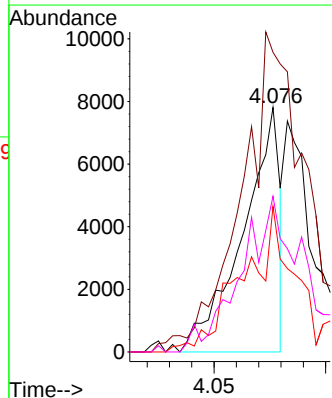
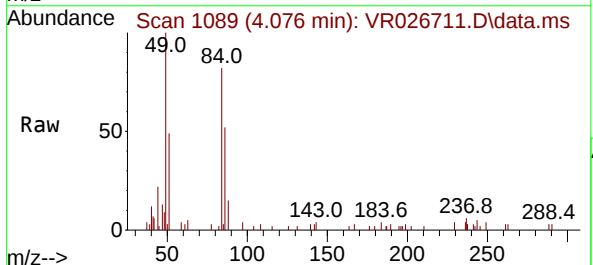
Ion Ratio Lower Upper

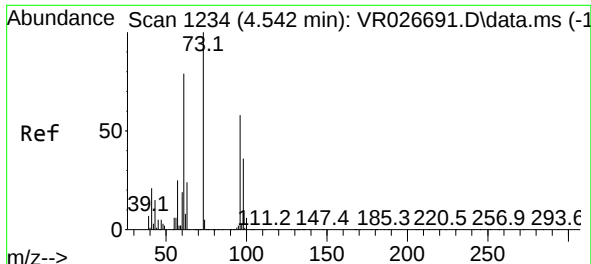
84 100

49 115.9 96.2 144.4

51 56.9 31.8 47.6#

86 63.6 52.3 78.5

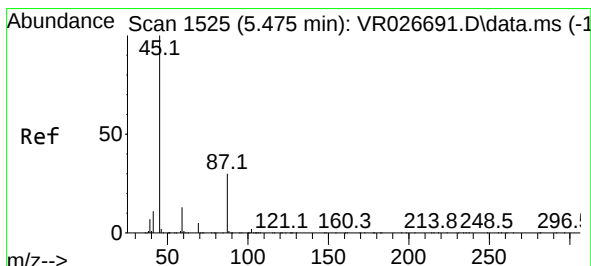
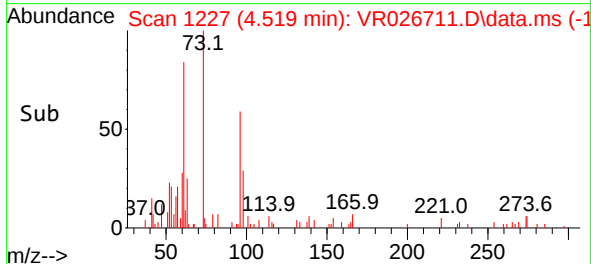
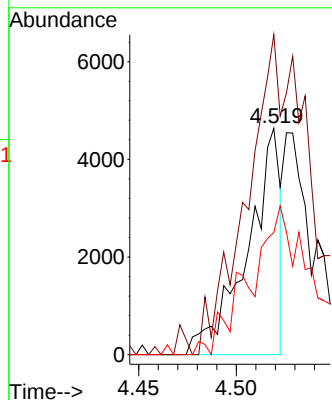
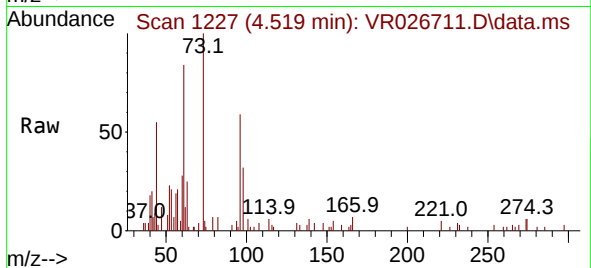




#21
trans-1,2-Dichloroethene
Concen: 1.129 ug/l
RT: 4.519 min Scan# 11
Delta R.T. -0.022 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

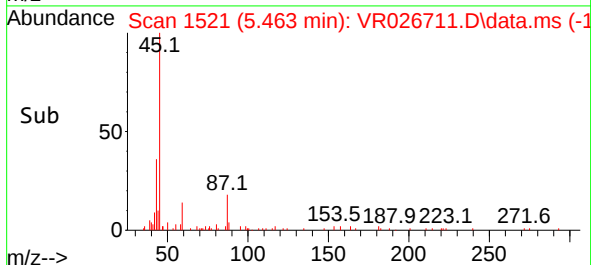
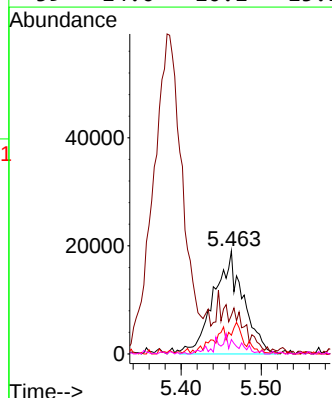
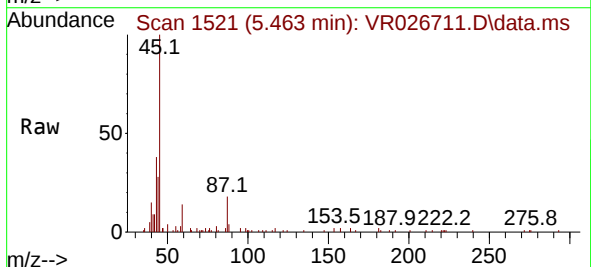
Instrument :
MSVOA_R
ClientSampleId :

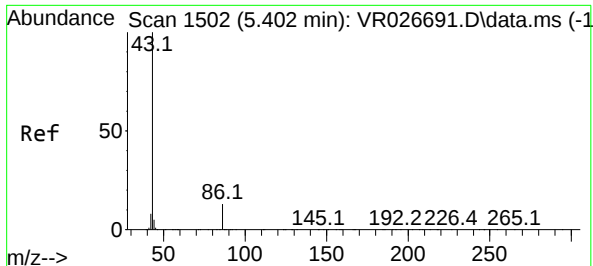
Tgt Ion: 96 Resp: 5406
Ion Ratio Lower Upper
96 100
61 128.2 110.3 165.5
98 54.0 50.2 75.4



#22
Diisopropyl ether
Concen: 2.451 ug/l
RT: 5.463 min Scan# 1521
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 45 Resp: 49208
Ion Ratio Lower Upper
45 100
43 32.5 38.2 57.2#
87 17.3 24.0 36.0#
59 14.0 10.1 15.1

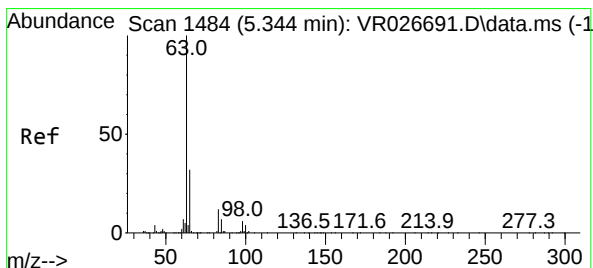
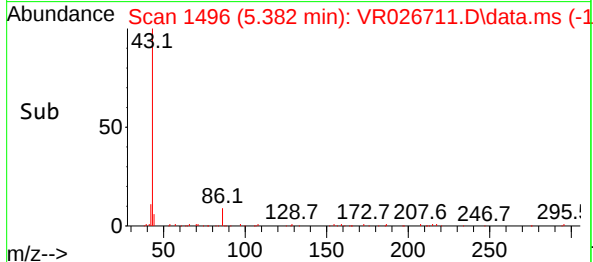
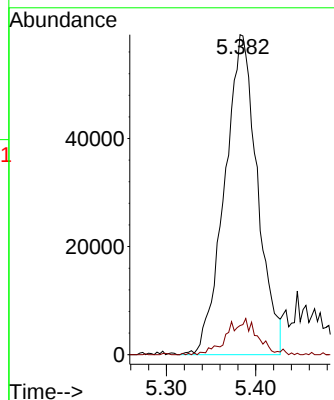
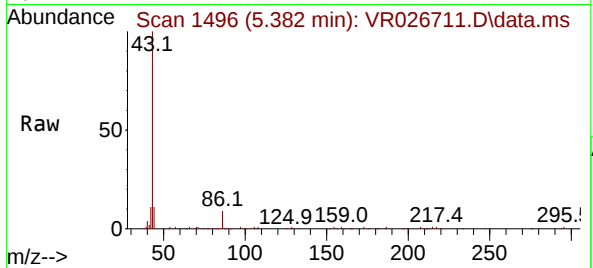




#23
 Vinyl Acetate
 Concen: 13.190 ug/l
 RT: 5.382 min Scan# 1496
 Delta R.T. -0.019 min
 Lab File: VR026711.D
 Acq: 5 Aug 2025 14:08

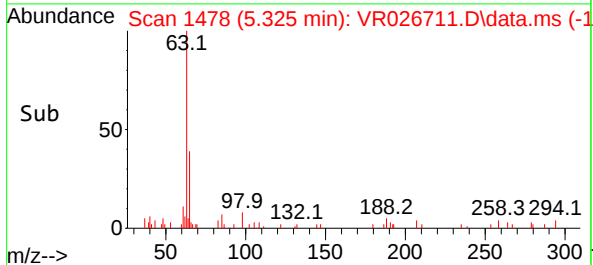
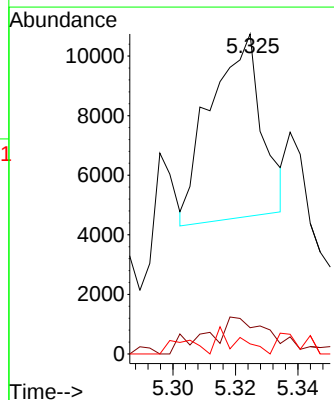
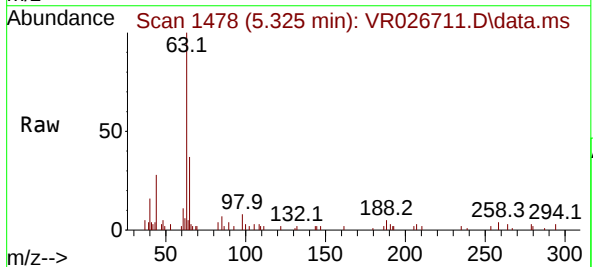
Instrument :
 MSVOA_R
 ClientSampleId :

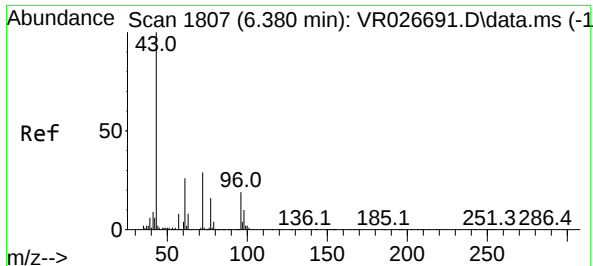
Tgt Ion: 43 Resp: 150965
 Ion Ratio Lower Upper
 43 100
 86 9.1 10.7 16.1#



#24
 1,1-Dichloroethane
 Concen: 0.691 ug/l
 RT: 5.325 min Scan# 1478
 Delta R.T. -0.019 min
 Lab File: VR026711.D
 Acq: 5 Aug 2025 14:08

Tgt Ion: 63 Resp: 7027
 Ion Ratio Lower Upper
 63 100
 98 8.9 2.9 8.8#
 100 0.0 1.8 5.4#





#25

2-Butanone

Concen: 11.412 ug/l

RT: 6.377 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

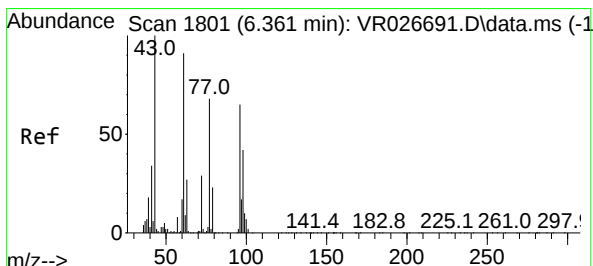
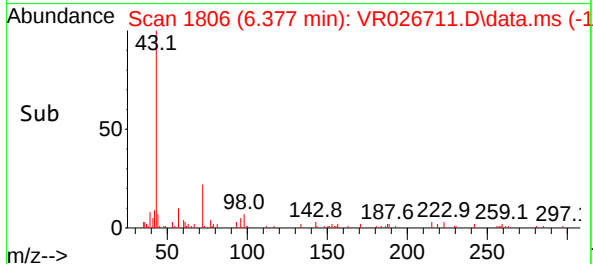
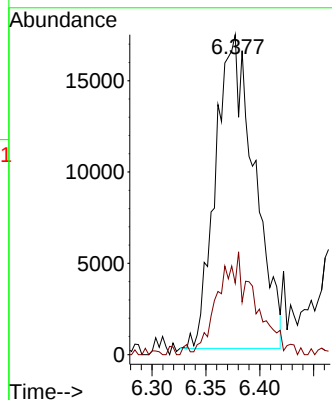
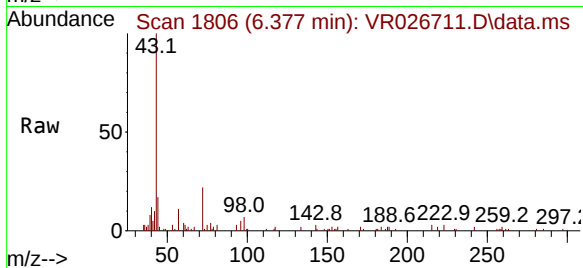
ClientSampleId :

Tgt Ion: 43 Resp: 42946

Ion Ratio Lower Upper

43 100

72 22.8 23.1 34.7#



#26

2,2-Dichloropropane

Concen: 1.265 ug/l

RT: 6.335 min Scan# 1793

Delta R.T. -0.026 min

Lab File: VR026711.D

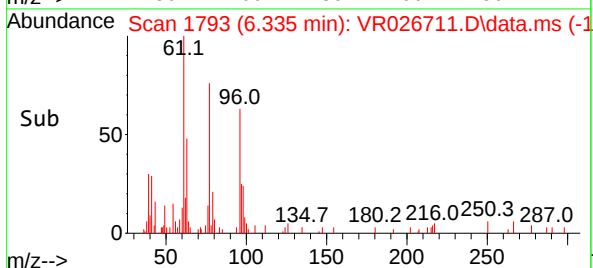
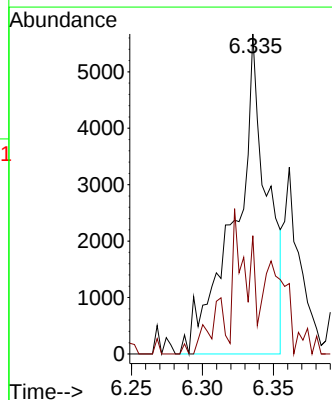
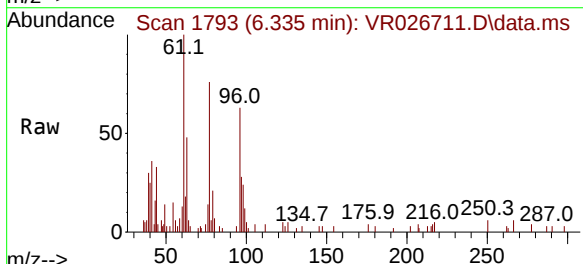
Acq: 5 Aug 2025 14:08

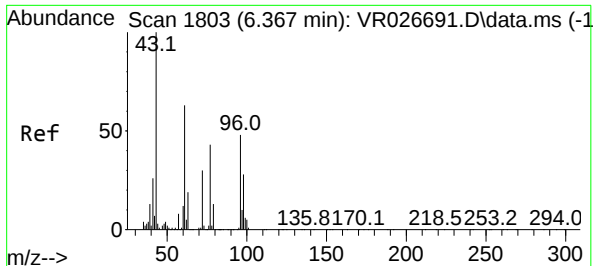
Tgt Ion: 77 Resp: 8886

Ion Ratio Lower Upper

77 100

97 19.2 12.3 36.8





#27

cis-1,2-Dichloroethene

Concen: 1.143 ug/l

RT: 6.339 min Scan# 11

Delta R.T. -0.029 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

ClientSampleId :

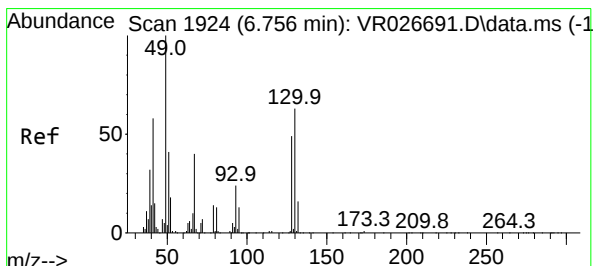
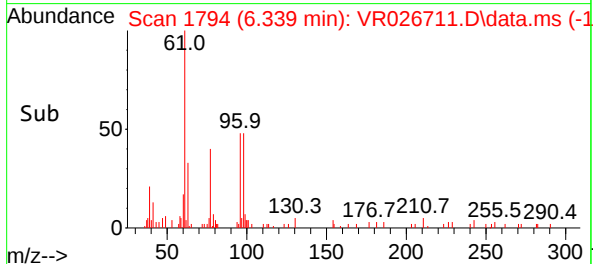
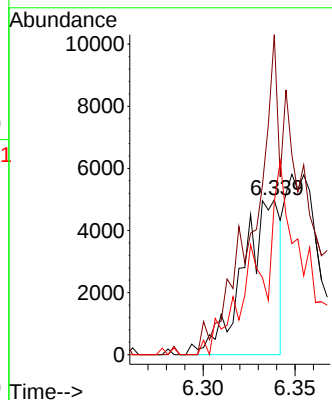
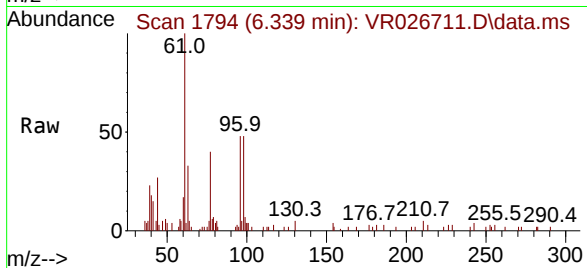
Tgt Ion: 96 Resp: 7037

Ion Ratio Lower Upper

96 100

61 269.0 0.0 279.8

98 58.7 0.0 125.2



#28

Bromochloromethane

Concen: 2.801 ug/l

RT: 6.743 min Scan# 1920

Delta R.T. -0.013 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

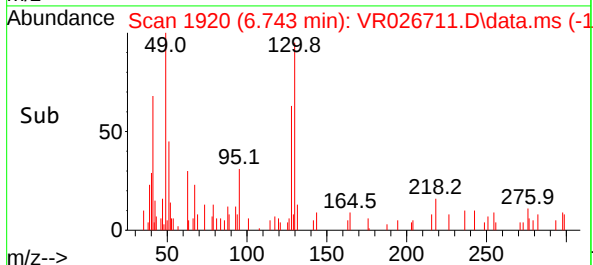
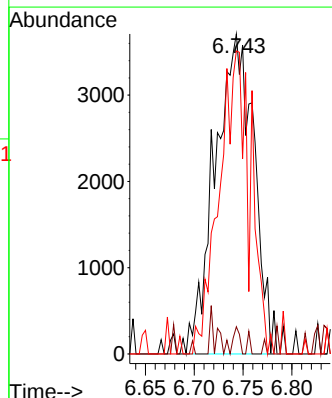
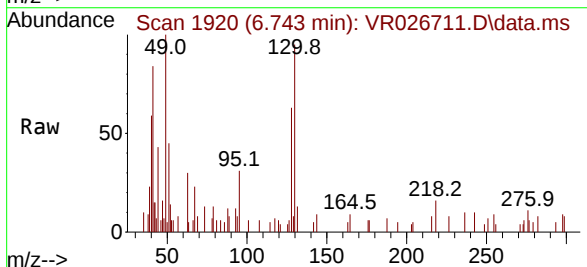
Tgt Ion: 49 Resp: 10260

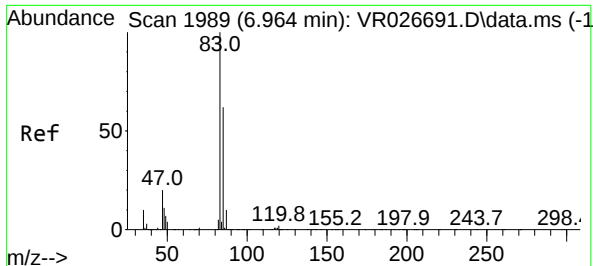
Ion Ratio Lower Upper

49 100

129 1.4 0.0 3.4

130 62.7 52.2 78.4





#29

Chloroform

Concen: 1.585 ug/l

RT: 6.945 min Scan# 1989

Delta R.T. -0.019 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

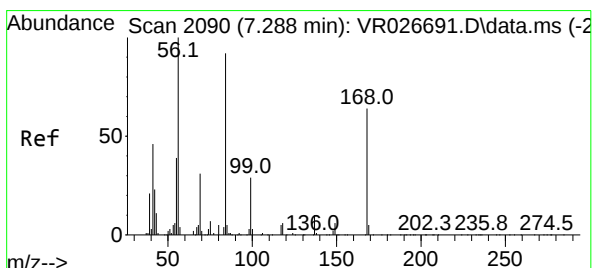
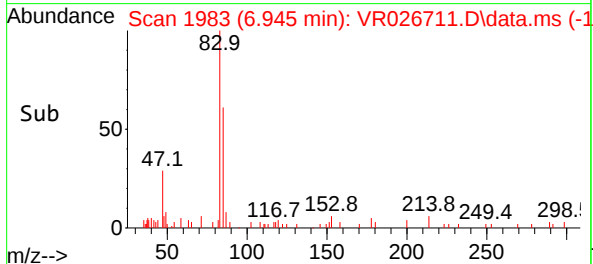
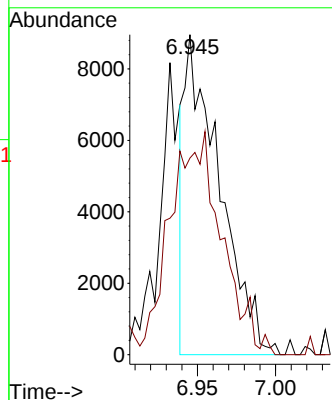
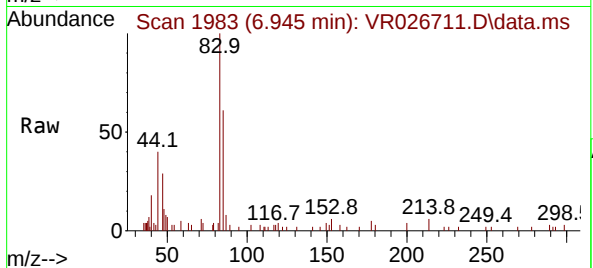
ClientSampleId :

Tgt Ion: 83 Resp: 13960

Ion Ratio Lower Upper

83 100

85 61.4 49.6 74.4



#30

Cyclohexane

Concen: 1.833 ug/l

RT: 7.279 min Scan# 2087

Delta R.T. -0.010 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

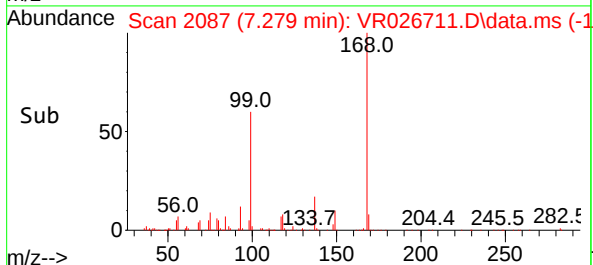
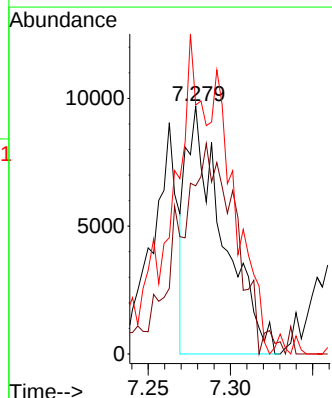
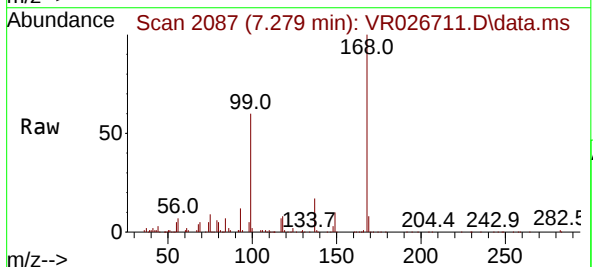
Tgt Ion: 56 Resp: 15050

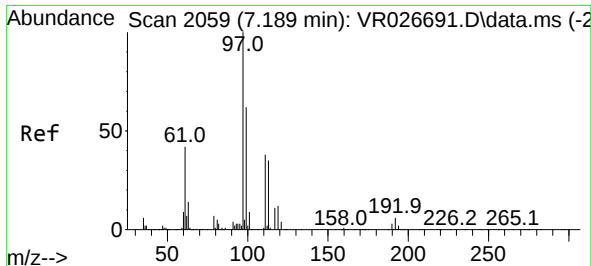
Ion Ratio Lower Upper

56 100

69 62.9 24.8 37.2#

84 92.4 73.1 109.7

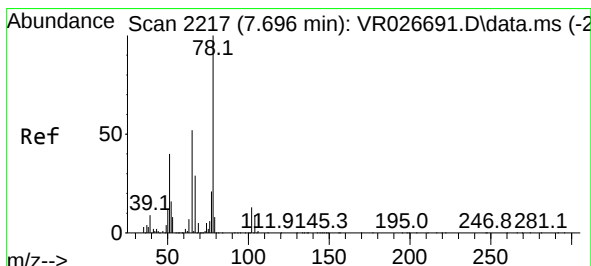
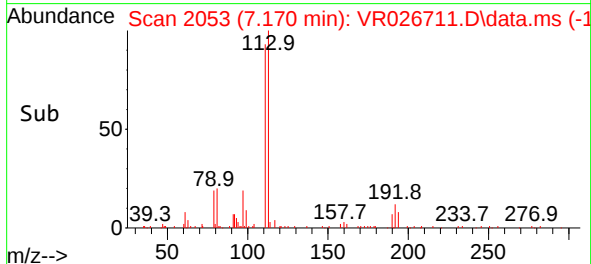
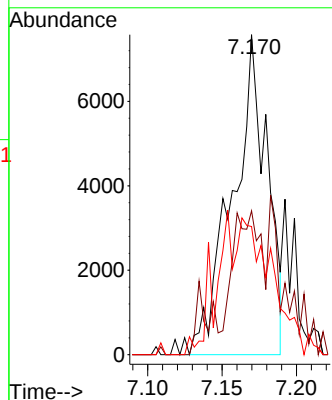
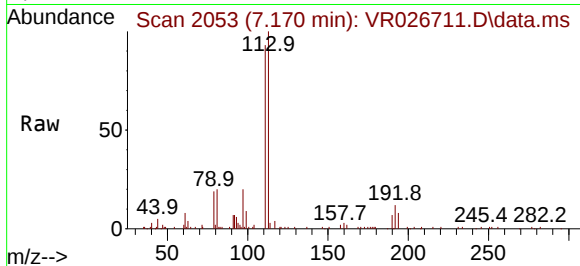




#31
1,1,1-Trichloroethane
Concen: 1.943 ug/l
RT: 7.170 min Scan# 2059
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

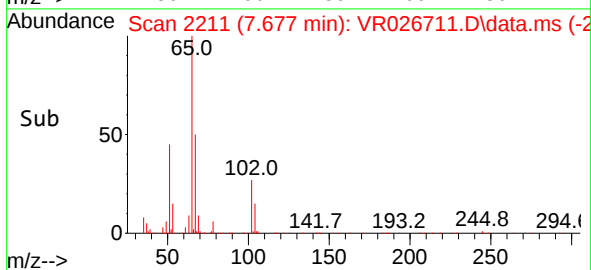
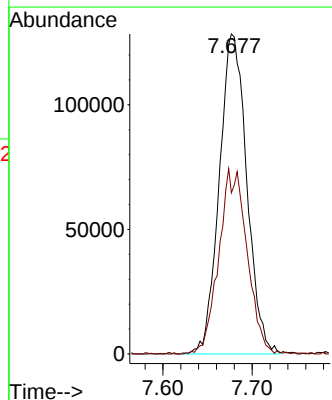
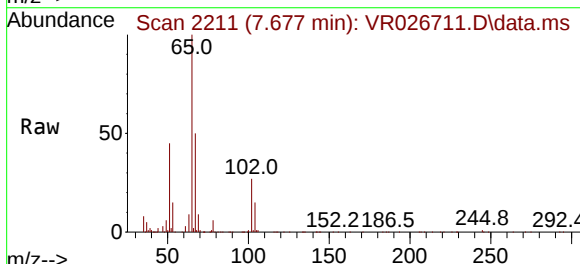
Instrument :
MSVOA_R
ClientSampleId :

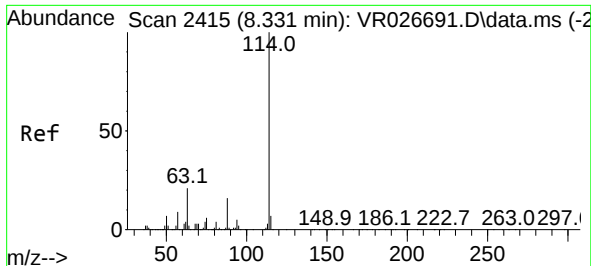
Tgt Ion: 97 Resp: 12359
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.6#
61 38.5 36.3 54.5



#32
1,2-Dichloroethane-d4
Concen: 53.055 ug/l
RT: 7.677 min Scan# 2211
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 65 Resp: 274851
Ion Ratio Lower Upper
65 100
67 29.0 0.0 118.4





#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.319 min Scan# 2415

Delta R.T. -0.013 min

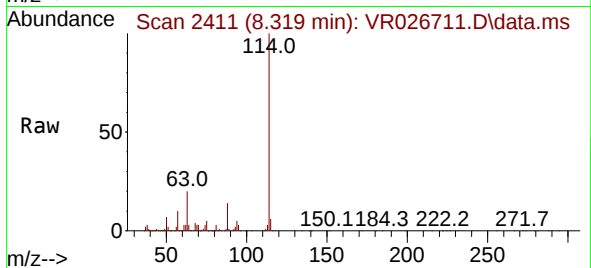
Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

ClientSampleId :



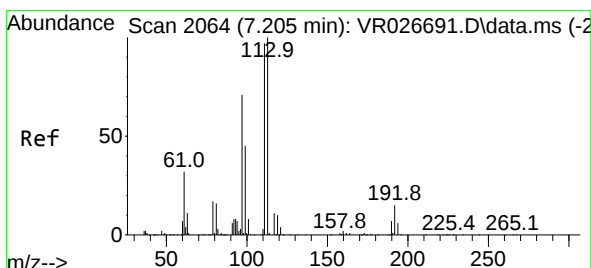
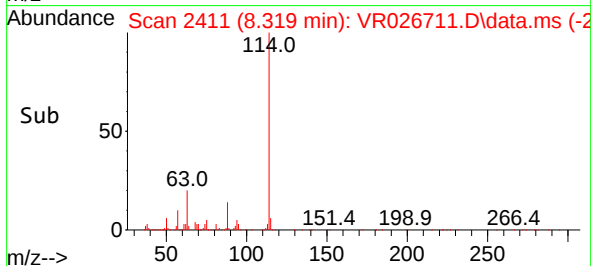
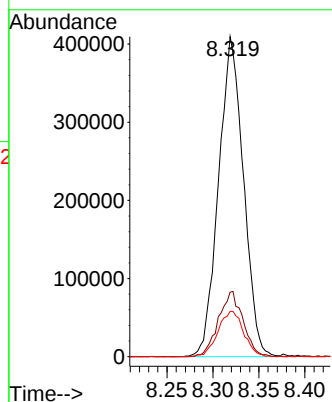
Tgt Ion:114 Resp: 770899

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.6

88 14.2 0.0 32.6



#34

Dibromofluoromethane

Concen: 46.554 ug/l

RT: 7.192 min Scan# 2060

Delta R.T. -0.013 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

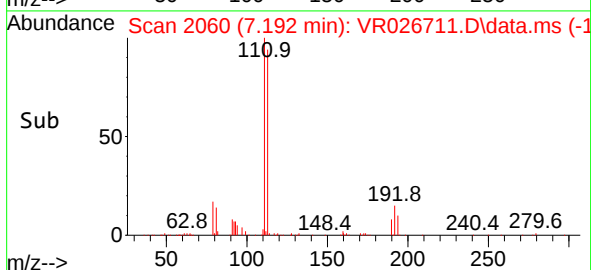
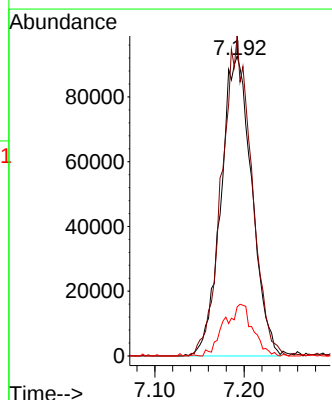
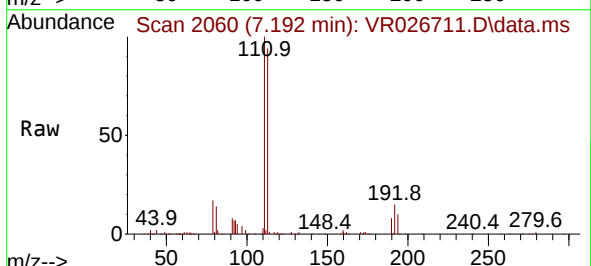
Tgt Ion:113 Resp: 221972

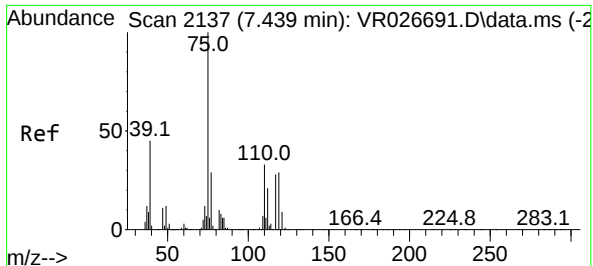
Ion Ratio Lower Upper

113 100

111 103.1 81.7 122.5

192 9.3 12.3 18.5#

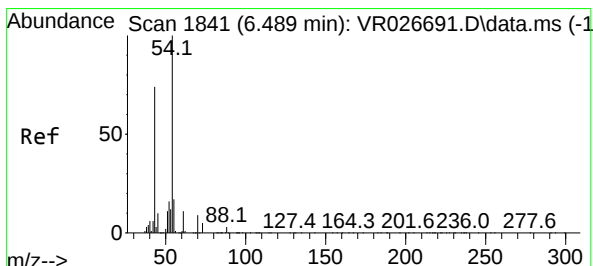
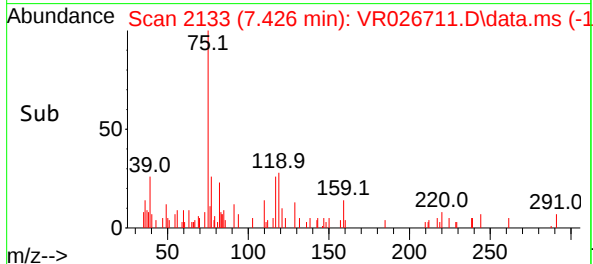
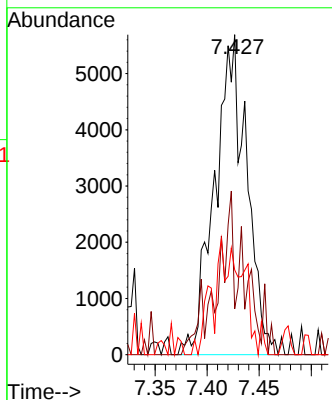
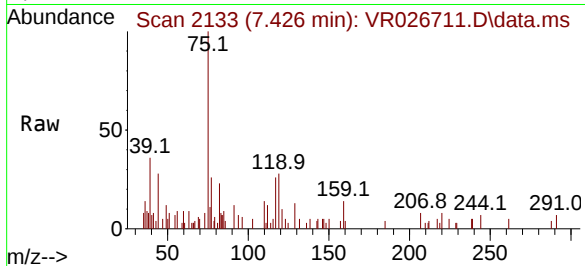




#35
 1,1-Dichloropropene
 Concen: 2.018 ug/l
 RT: 7.426 min Scan# 2137
 Delta R.T. -0.013 min
 Lab File: VR026711.D
 Acq: 5 Aug 2025 14:08

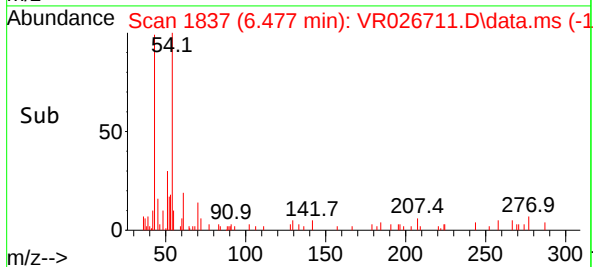
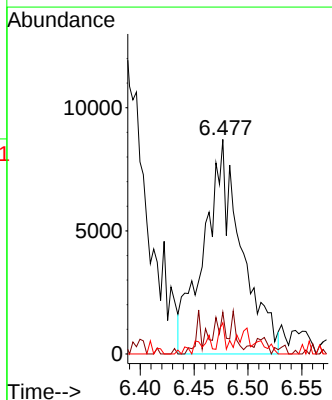
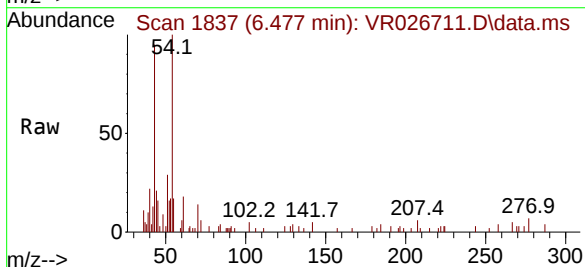
Instrument :
 MSVOA_R
 ClientSampleId :

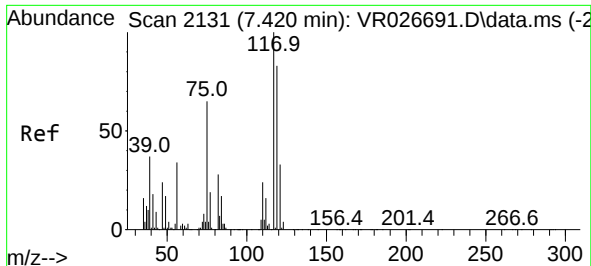
Tgt Ion: 75 Resp: 12136
 Ion Ratio Lower Upper
 75 100
 110 22.7 17.0 50.9
 77 7.8 24.6 37.0#



#36
 Ethyl Acetate
 Concen: 2.920 ug/l
 RT: 6.477 min Scan# 1837
 Delta R.T. -0.013 min
 Lab File: VR026711.D
 Acq: 5 Aug 2025 14:08

Tgt Ion: 43 Resp: 21028
 Ion Ratio Lower Upper
 43 100
 61 5.3 12.0 18.0#
 70 3.0 9.0 13.6#

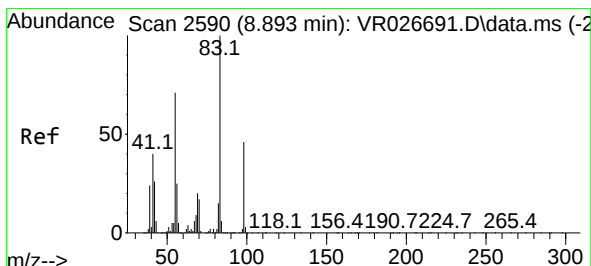
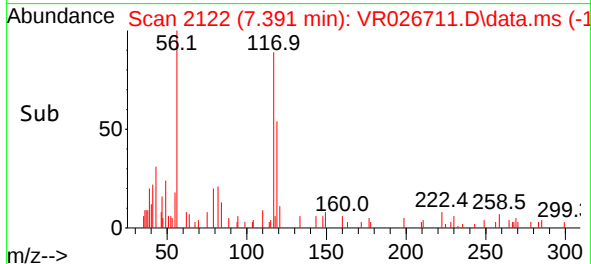
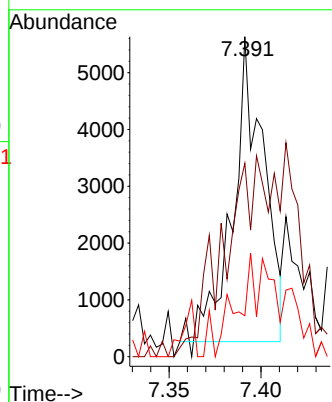
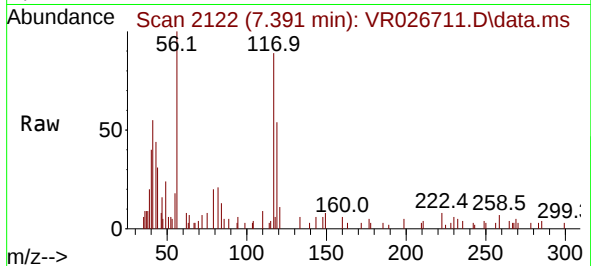




#37
Carbon Tetrachloride
Concen: 1.285 ug/l
RT: 7.391 min Scan# 2131
Delta R.T. -0.029 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

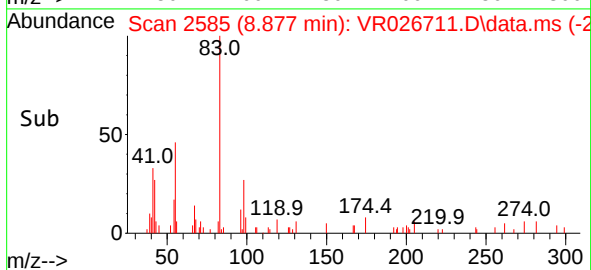
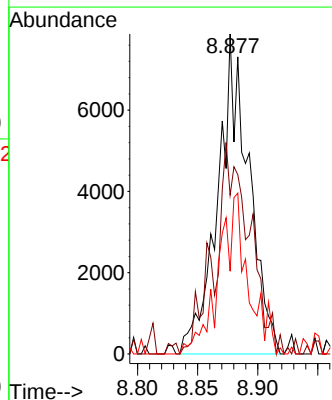
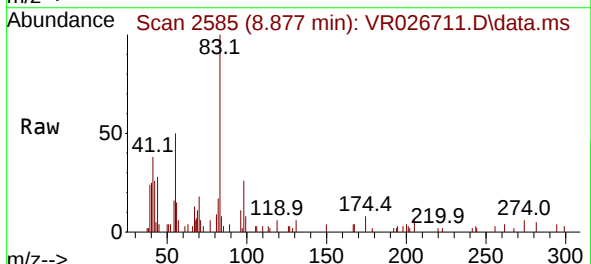
Instrument :
MSVOA_R
ClientSampleId :

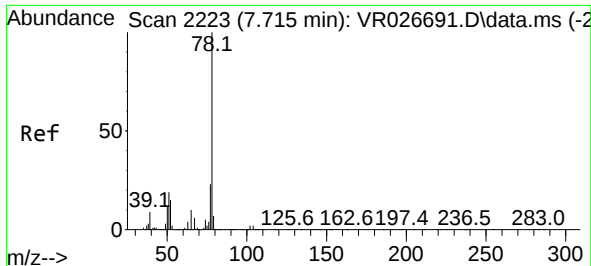
Tgt Ion:117 Resp: 6297
Ion Ratio Lower Upper
117 100
119 68.0 67.0 100.4
121 9.4 26.3 39.5#



#38
Methylcyclohexane
Concen: 2.050 ug/l
RT: 8.877 min Scan# 2585
Delta R.T. -0.016 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 83 Resp: 14116
Ion Ratio Lower Upper
83 100
55 49.6 56.7 85.1#
98 25.9 36.7 55.1#

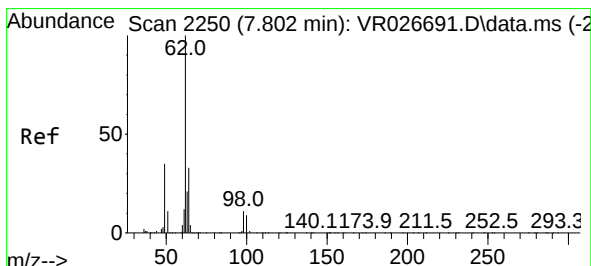
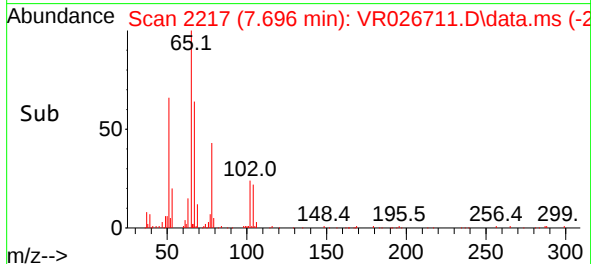
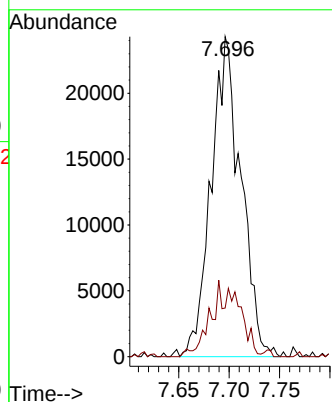
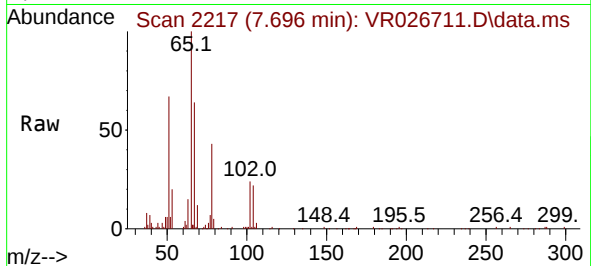




#39
Benzene
Concen: 2.304 ug/l
RT: 7.696 min Scan# 21
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

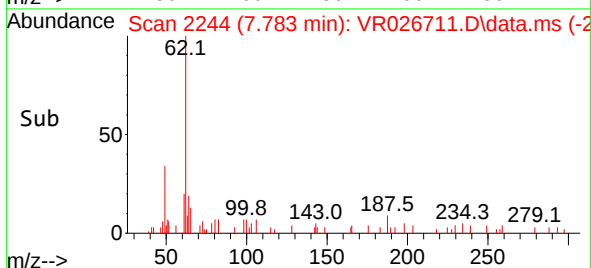
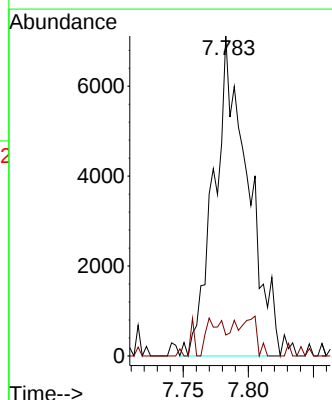
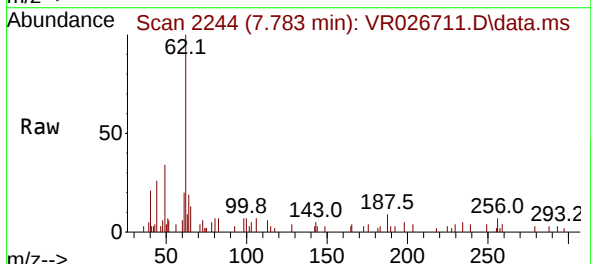
Instrument :
MSVOA_R
ClientSampleId :

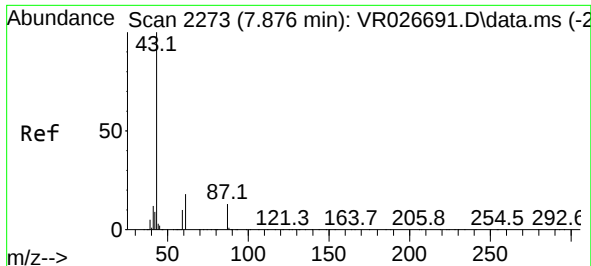
Tgt Ion: 78 Resp: 49903
Ion Ratio Lower Upper
78 100
77 15.2 18.8 28.2#



#41
1,2-Dichloroethane
Concen: 2.334 ug/l
RT: 7.783 min Scan# 2244
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

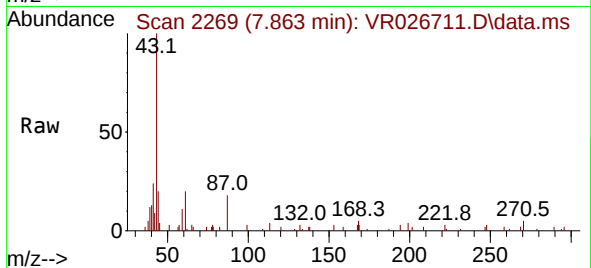
Tgt Ion: 62 Resp: 12861
Ion Ratio Lower Upper
62 100
98 5.8 0.0 22.2



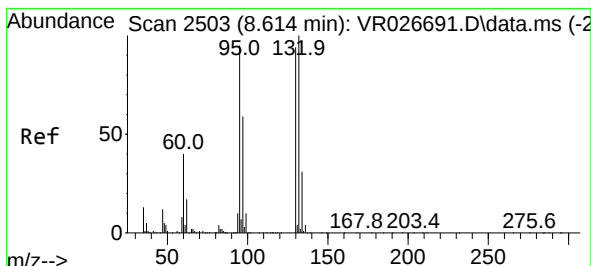
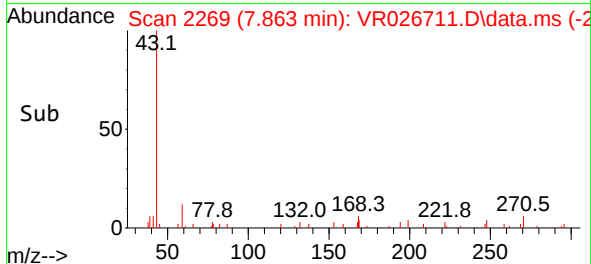
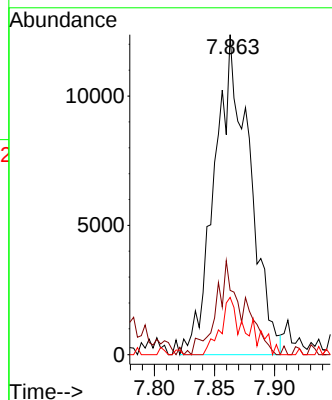


#42
Isopropyl Acetate
Concen: 2.167 ug/l
RT: 7.863 min Scan# 21
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument :
MSVOA_R
ClientSampleId :

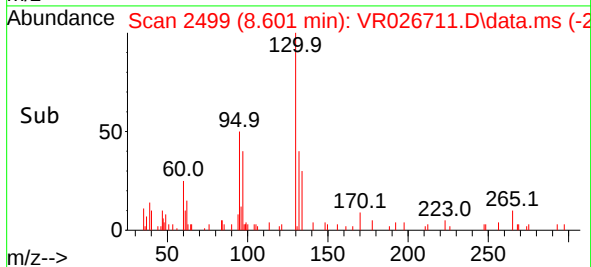
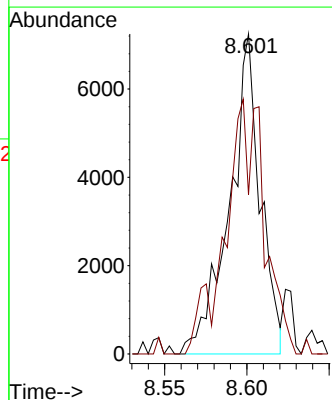
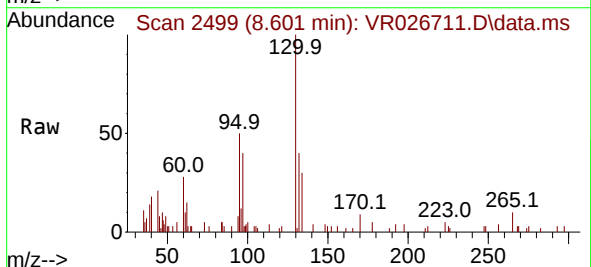


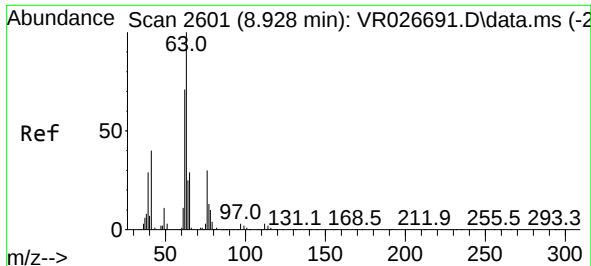
Tgt Ion: 43 Resp: 25088
Ion Ratio Lower Upper
43 100
61 16.4 17.9 26.9#
87 9.9 10.8 16.2#



#43
Trichloroethene
Concen: 2.251 ug/l
RT: 8.601 min Scan# 2499
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion:130 Resp: 9378
Ion Ratio Lower Upper
130 100
95 49.8 0.0 200.6





#44

1,2-Dichloropropane

Concen: 1.008 ug/l

RT: 8.906 min Scan# 21

Delta R.T. -0.022 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

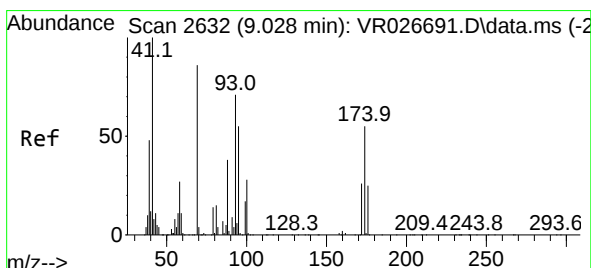
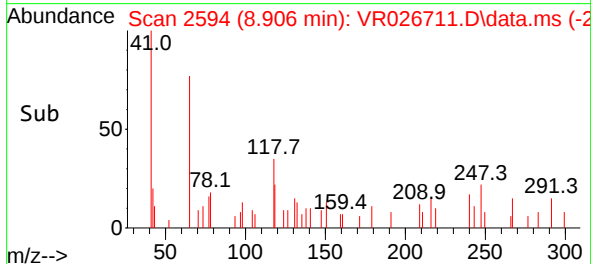
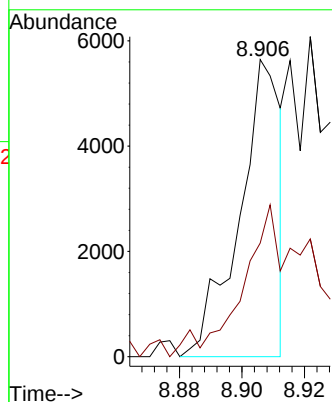
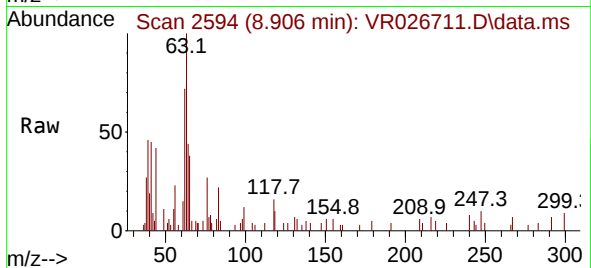
ClientSampleId :

Tgt Ion: 63 Resp: 5165

Ion Ratio Lower Upper

63 100

65 36.9 23.8 35.8#



#45

Dibromomethane

Concen: 1.287 ug/l

RT: 9.012 min Scan# 2627

Delta R.T. -0.016 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

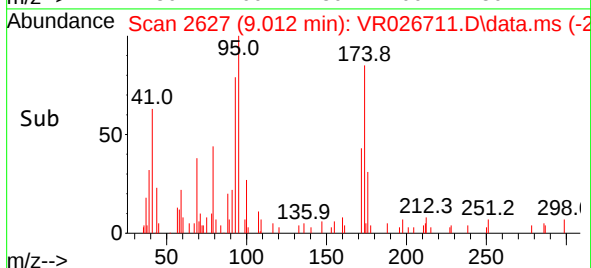
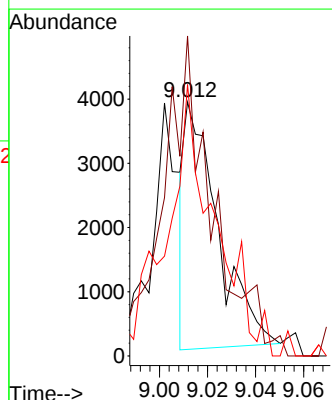
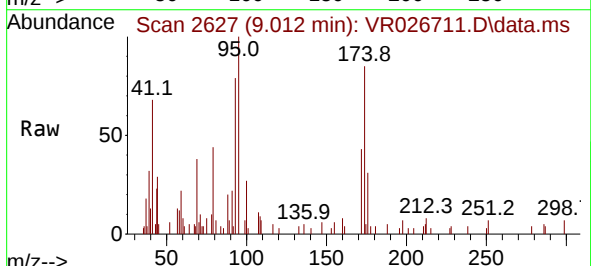
Tgt Ion: 93 Resp: 3669

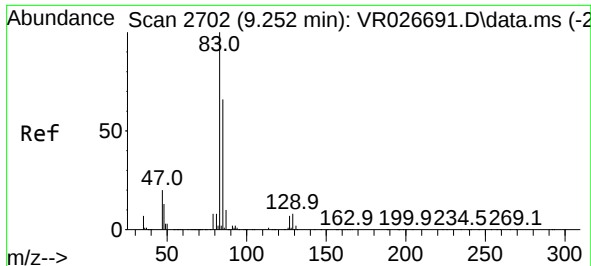
Ion Ratio Lower Upper

93 100

95 197.5 69.4 104.0#

174 161.9 66.9 100.3#

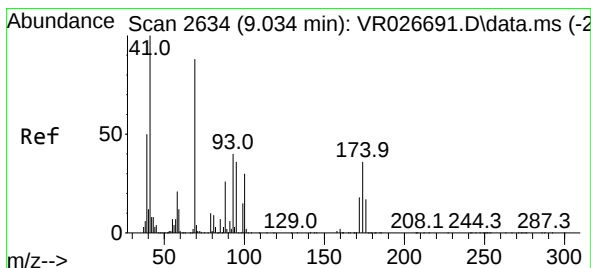
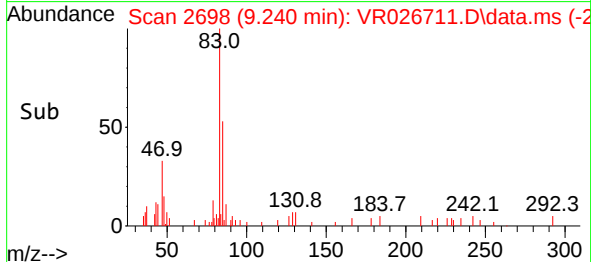
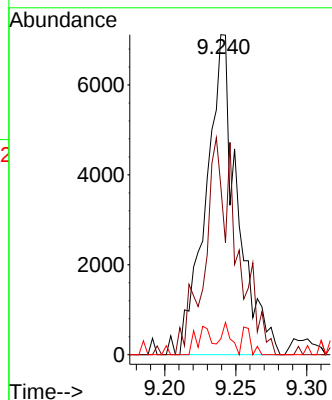
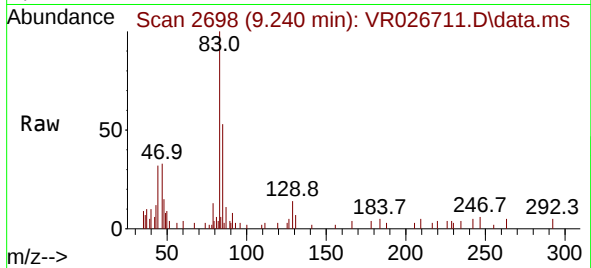




#46
Bromodichloromethane
Concen: 1.979 ug/l
RT: 9.240 min Scan# 20931
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

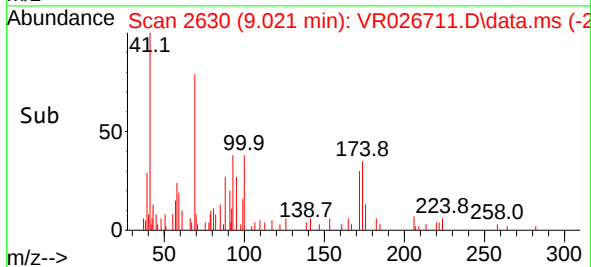
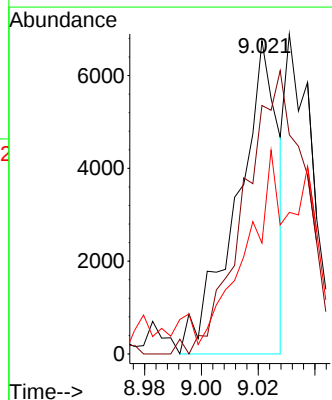
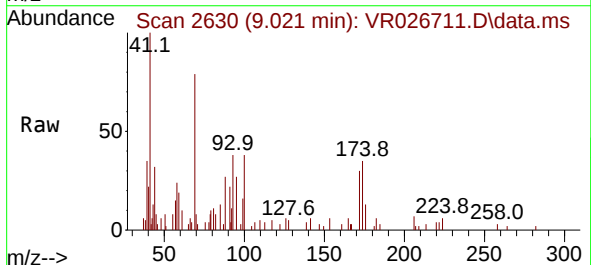
Instrument :
MSVOA_R
ClientSampleId :

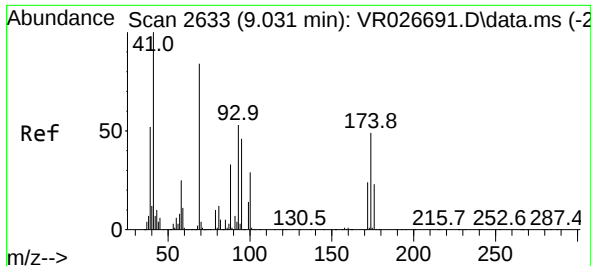
Tgt Ion: 83 Resp: 10931
Ion Ratio Lower Upper
83 100
85 52.6 52.6 78.8
127 5.0 5.5 8.3#



#47
Methyl methacrylate
Concen: 1.339 ug/l
RT: 9.021 min Scan# 2630
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 41 Resp: 6787
Ion Ratio Lower Upper
41 100
69 138.0 69.8 104.6#
39 64.9 39.4 59.2#

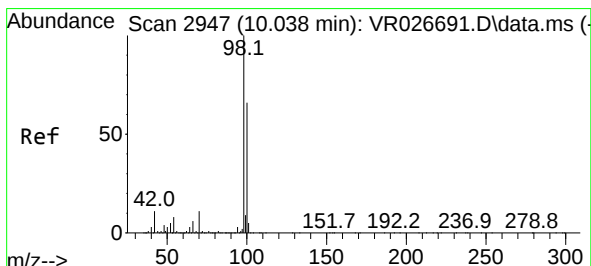
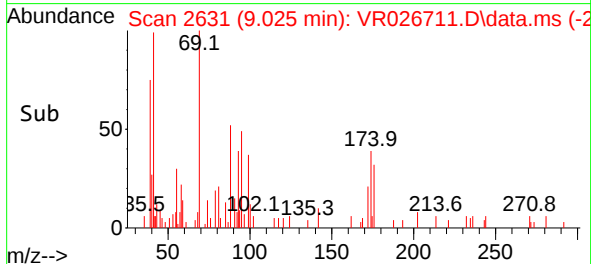
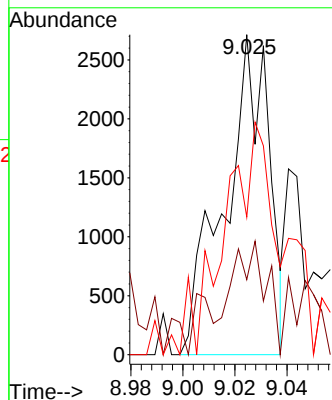
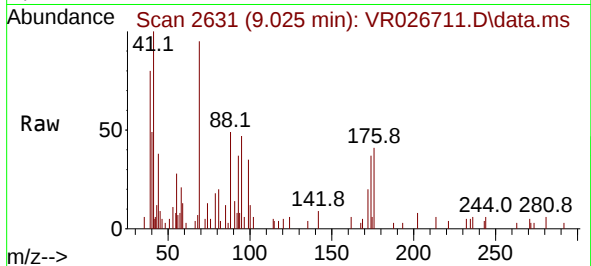




#48
1,4-Dioxane
Concen: 39.334 ug/l
RT: 9.025 min Scan# 20
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

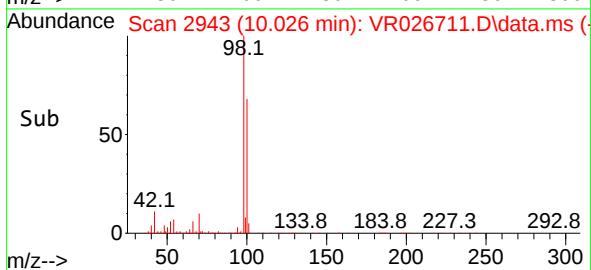
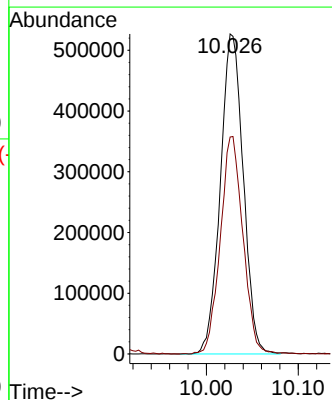
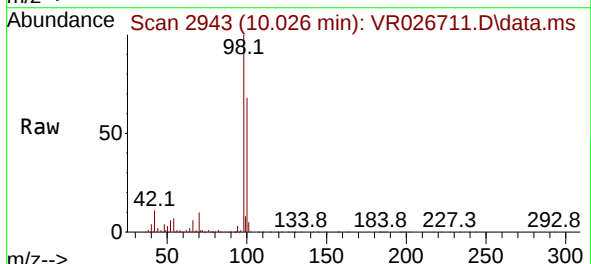
Instrument :
MSVOA_R
ClientSampleId :

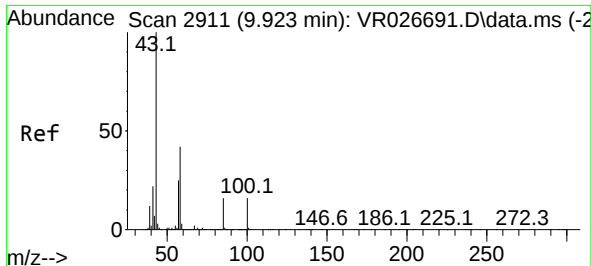
Tgt Ion: 88 Resp: 3211
Ion Ratio Lower Upper
88 100
43 27.6 25.2 37.8
58 77.8 60.8 91.2



#49
Toluene-d8
Concen: 53.388 ug/l
RT: 10.026 min Scan# 2943
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 98 Resp: 911992
Ion Ratio Lower Upper
98 100
100 67.0 53.9 80.9





#50

4-Methyl-2-Pentanone

Concen: 12.506 ug/l

RT: 9.913 min Scan# 2911

Delta R.T. -0.010 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

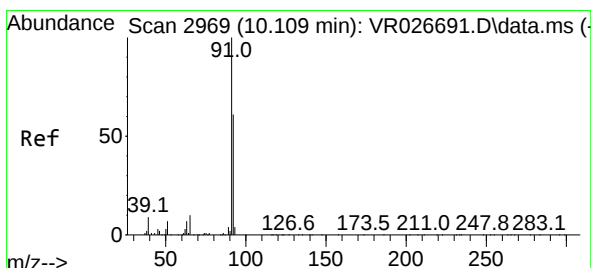
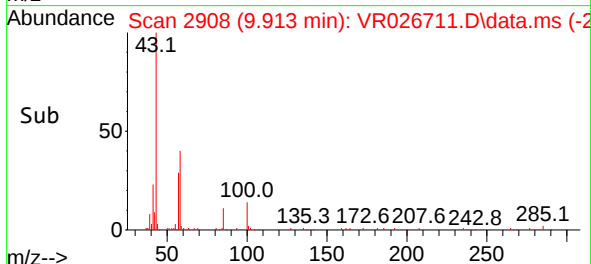
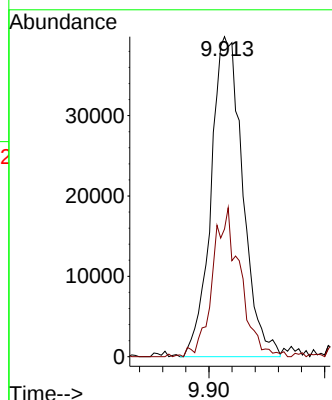
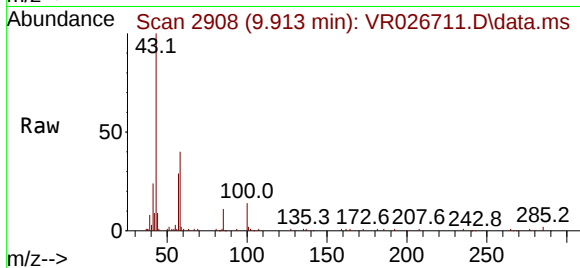
ClientSampleId :

Tgt Ion: 43 Resp: 75599

Ion Ratio Lower Upper

43 100

58 40.8 33.7 50.5



#51

Toluene

Concen: 2.377 ug/l

RT: 10.103 min Scan# 2967

Delta R.T. -0.006 min

Lab File: VR026711.D

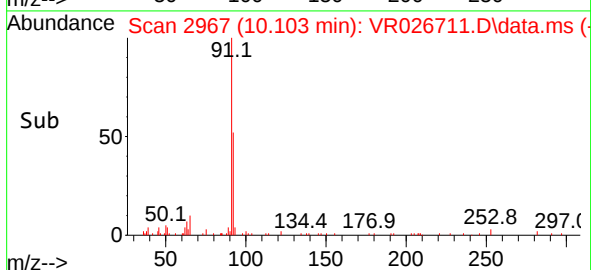
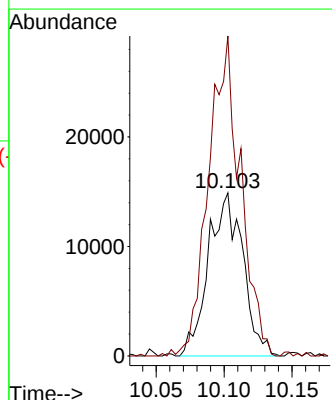
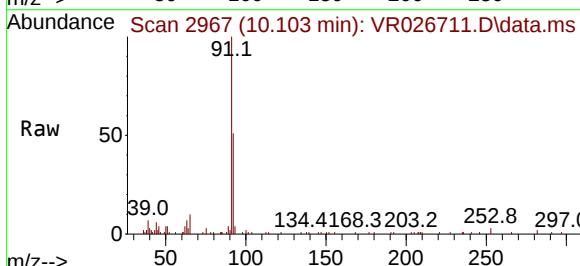
Acq: 5 Aug 2025 14:08

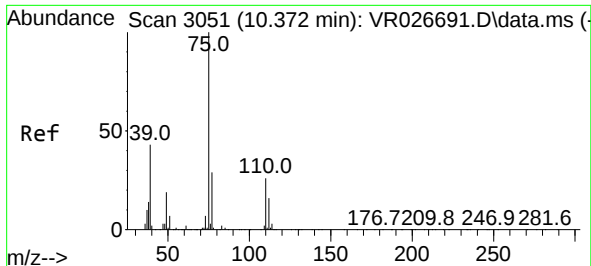
Tgt Ion: 92 Resp: 26290

Ion Ratio Lower Upper

92 100

91 182.0 137.8 206.6

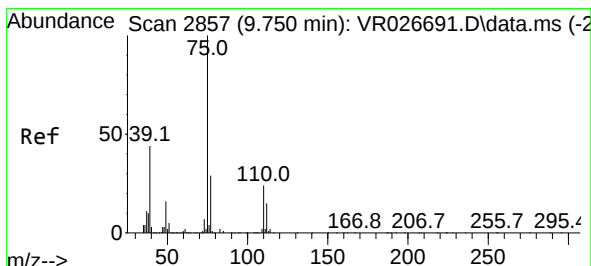
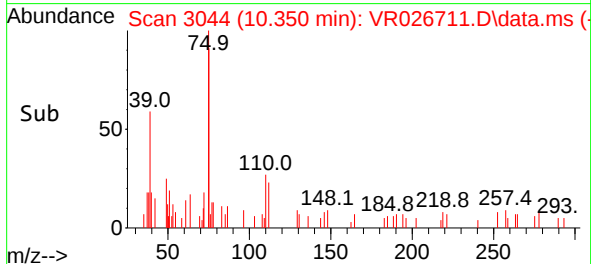
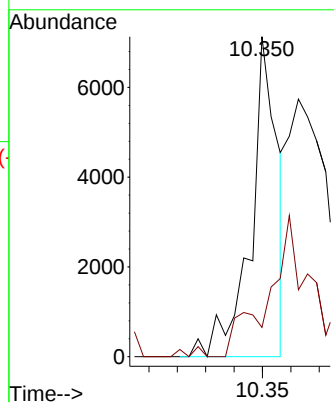
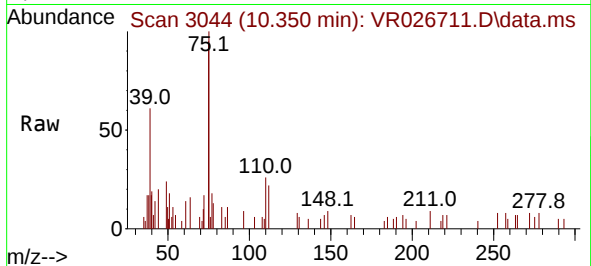




#52
t-1,3-Dichloropropene
Concen: 0.857 ug/l
RT: 10.350 min Scan# 3044
Delta R.T. -0.022 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

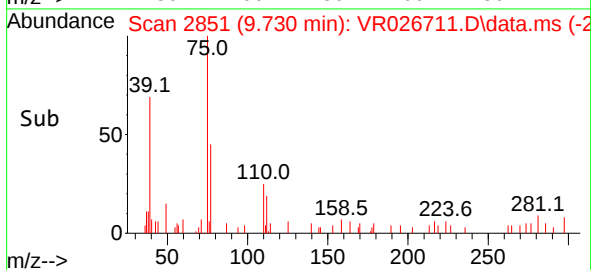
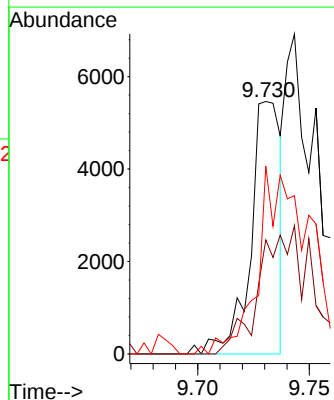
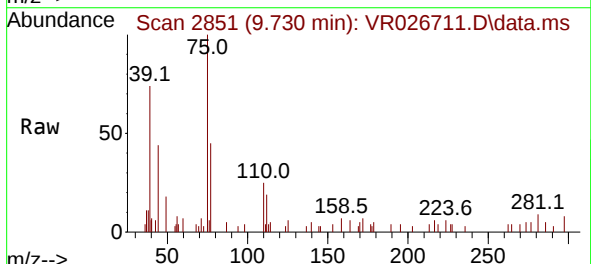
Instrument :
MSVOA_R
ClientSampleId :

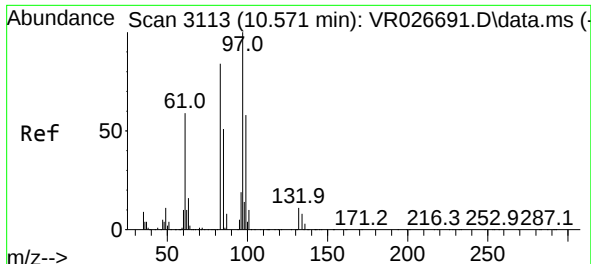
Tgt Ion: 75 Resp: 4640
Ion Ratio Lower Upper
75 100
77 6.9 23.4 35.2#



#53
cis-1,3-Dichloropropene
Concen: 0.792 ug/l
RT: 9.730 min Scan# 2851
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 75 Resp: 5142
Ion Ratio Lower Upper
75 100
77 45.2 22.9 34.3#
39 74.3 34.8 52.2#

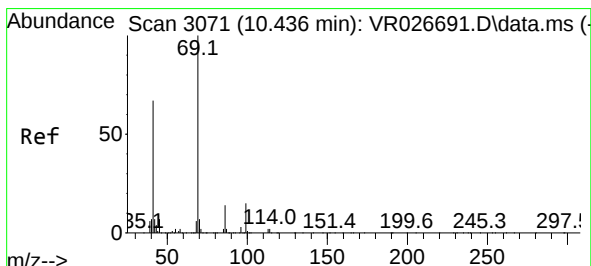
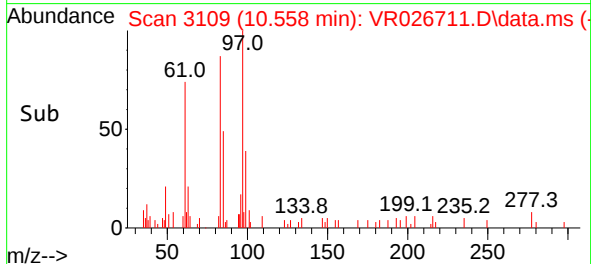
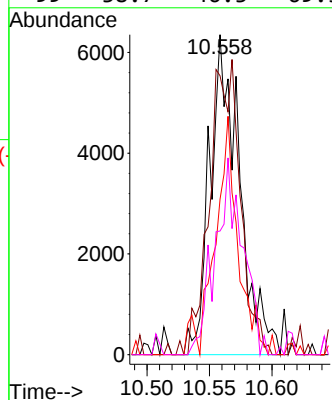
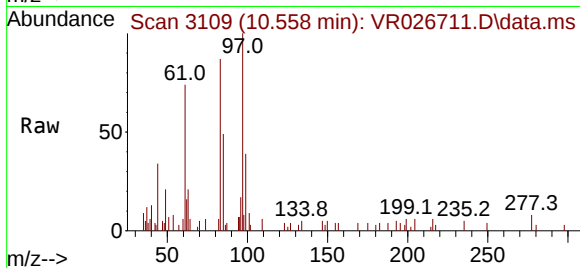




#54
1,1,2-Trichloroethane
Concen: 2.616 ug/l
RT: 10.558 min Scan# 3113
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

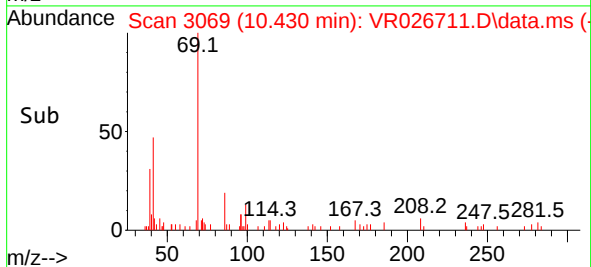
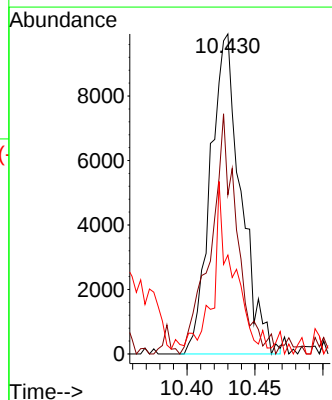
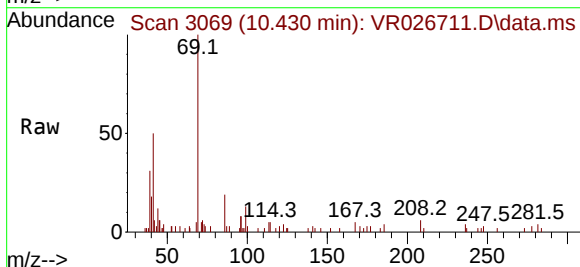
Instrument : MSVOA_R
ClientSampleId :

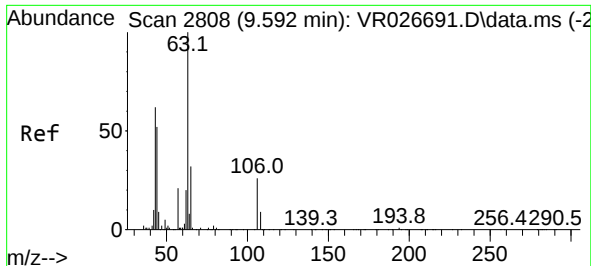
Tgt Ion: 97	Resp: 10565
Ion Ratio	Lower Upper
97 100	
83 87.2	67.4 101.2
85 48.6	40.4 60.6
99 38.7	46.3 69.5#



#55
Ethyl methacrylate
Concen: 2.316 ug/l
RT: 10.430 min Scan# 3069
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 69	Resp: 15444
Ion Ratio	Lower Upper
69 100	
41 64.9	51.5 77.3
39 36.1	24.7 37.1





#57

2-Chloroethyl Vinyl ether

Concen: 8.436 ug/l

RT: 9.576 min Scan# 2

Delta R.T. -0.016 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

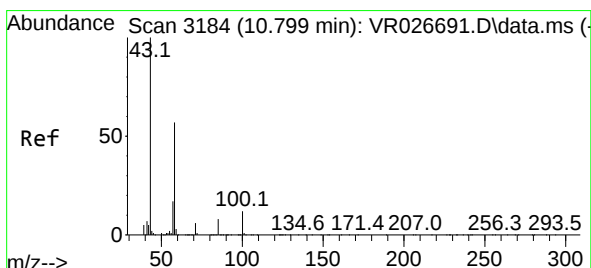
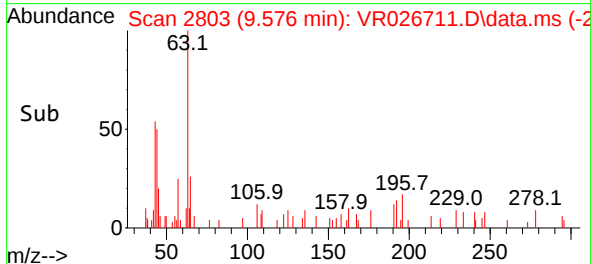
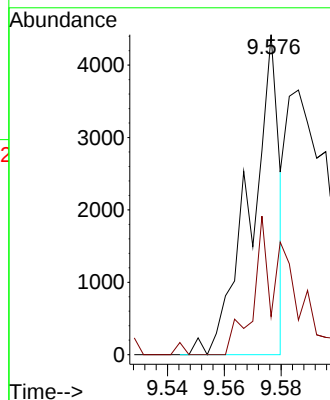
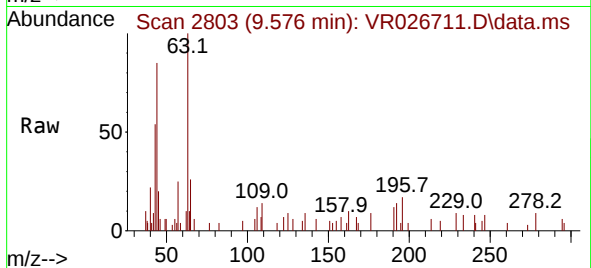
ClientSampleId :

Tgt Ion: 63 Resp: 3109

Ion Ratio Lower Upper

63 100

106 23.3 22.5 33.7



#58

2-Hexanone

Concen: 11.883 ug/l

RT: 10.796 min Scan# 3183

Delta R.T. -0.003 min

Lab File: VR026711.D

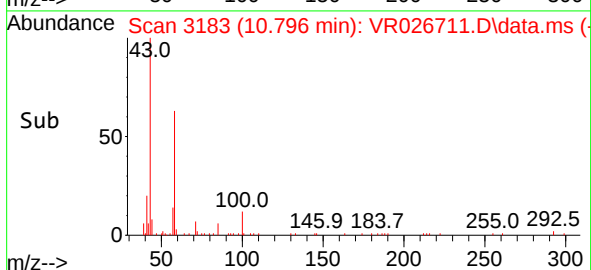
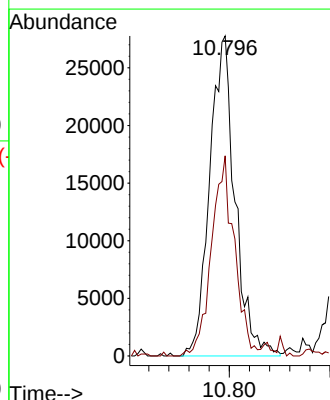
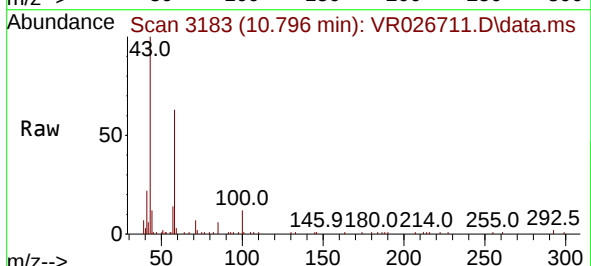
Acq: 5 Aug 2025 14:08

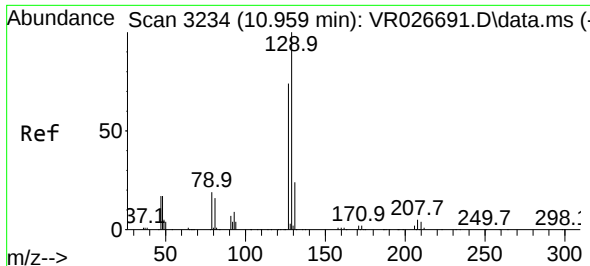
Tgt Ion: 43 Resp: 48425

Ion Ratio Lower Upper

43 100

58 56.5 28.8 86.4

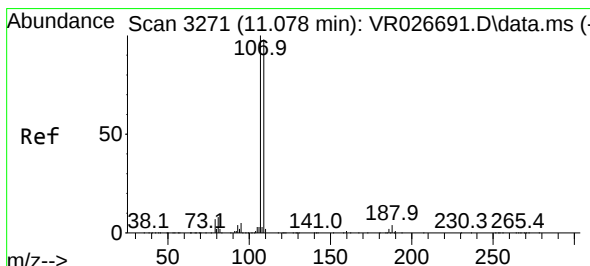
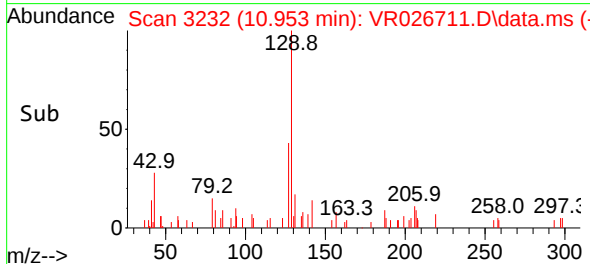
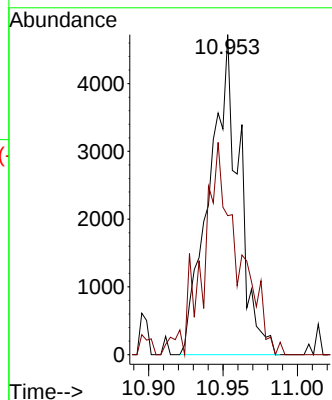
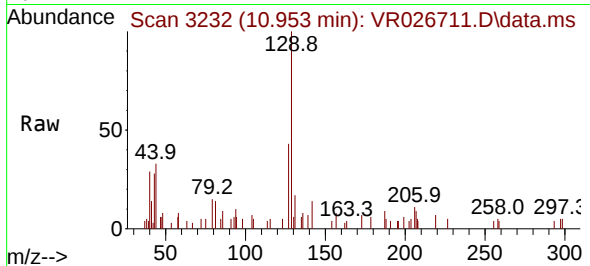




#59
Dibromochloromethane
Concen: 1.932 ug/l
RT: 10.953 min Scan# 31
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

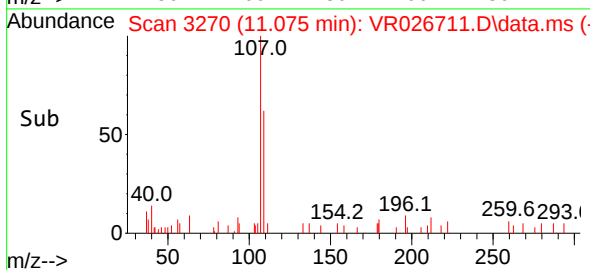
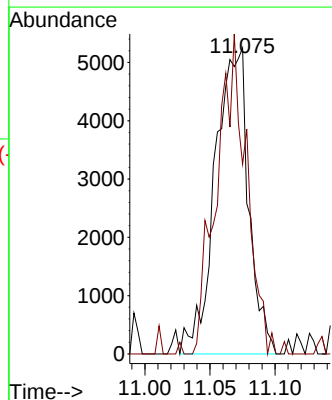
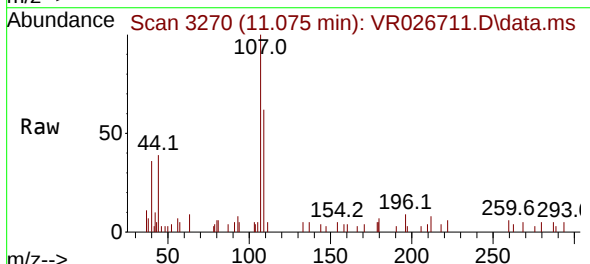
Instrument :
MSVOA_R
ClientSampleId :

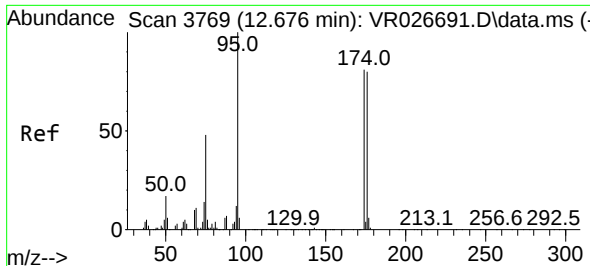
Tgt Ion:129 Resp: 6603
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.6



#60
1,2-Dibromoethane
Concen: 2.712 ug/l
RT: 11.075 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion:107 Resp: 9426
Ion Ratio Lower Upper
107 100
109 47.3 75.9 113.9#

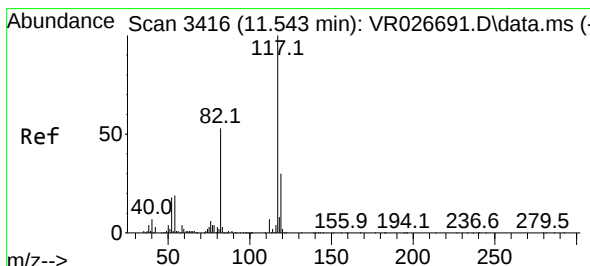
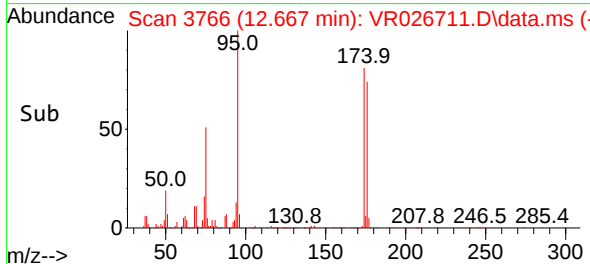
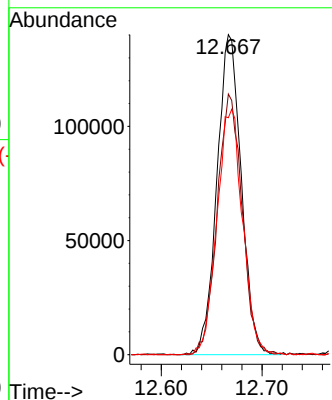
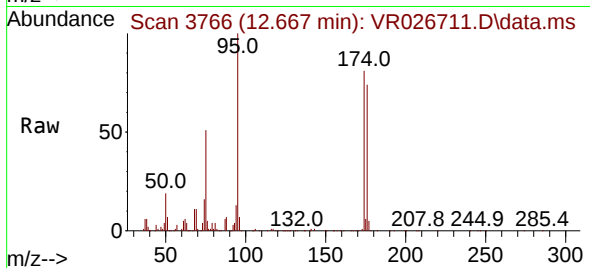




#61
4-Bromofluorobenzene
Concen: 48.336 ug/l
RT: 12.667 min Scan# 31
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

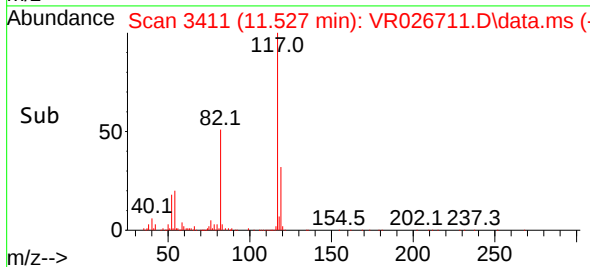
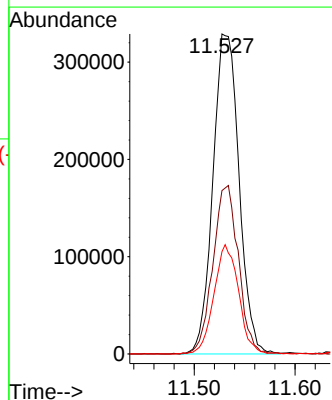
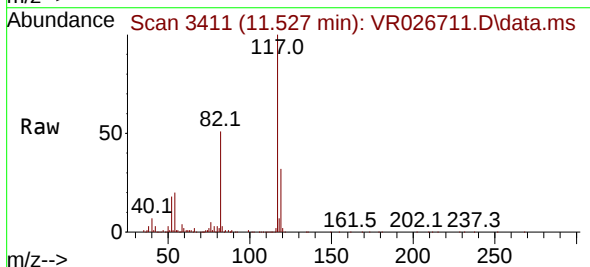
Instrument :
MSVOA_R
ClientSampleId :

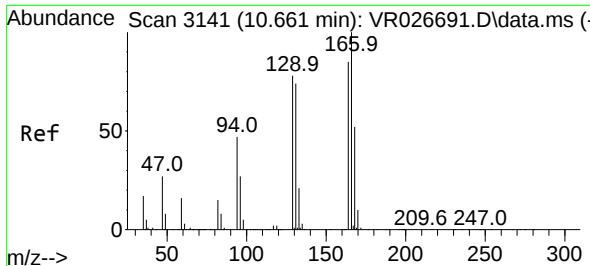
Tgt Ion: 95 Resp: 234849
Ion Ratio Lower Upper
95 100
174 83.5 0.0 158.4
176 81.0 0.0 149.0



#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.527 min Scan# 3411
Delta R.T. -0.016 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 117 Resp: 593243
Ion Ratio Lower Upper
117 100
82 51.0 42.0 63.0
119 31.9 23.9 35.9

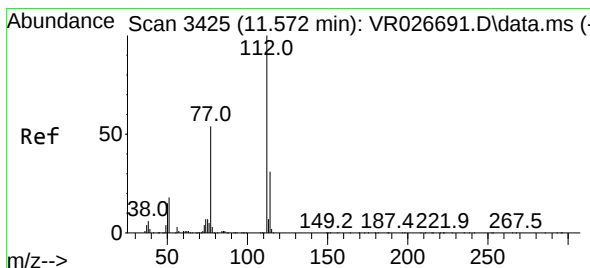
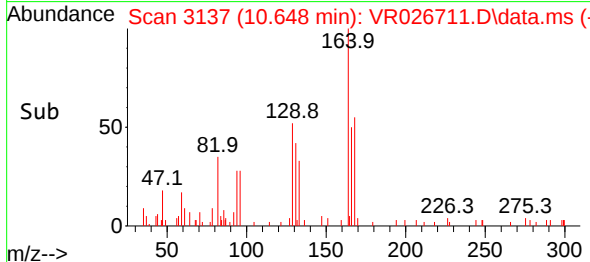
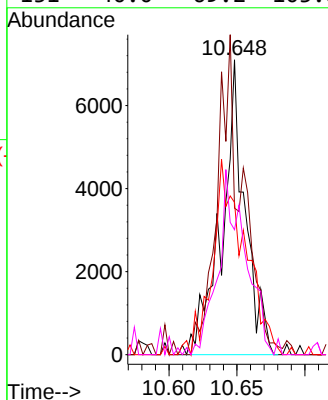
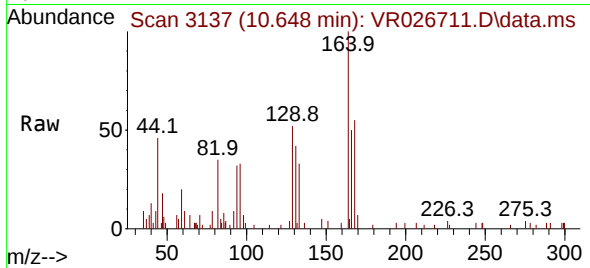




#63
Tetrachloroethene
Concen: 2.617 ug/l
RT: 10.648 min Scan# 3141
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

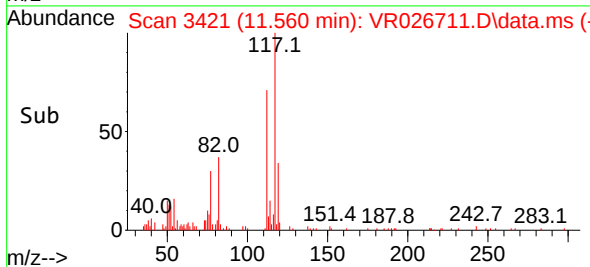
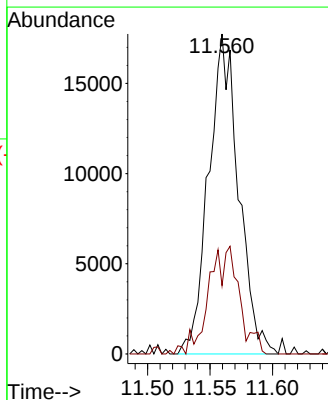
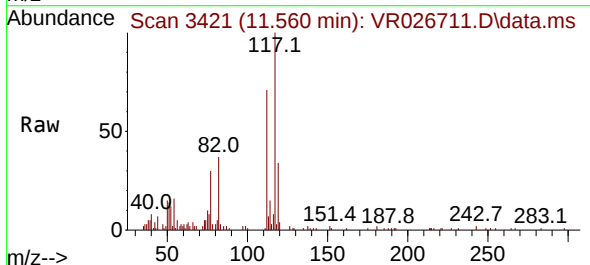
Instrument :
MSVOA_R
ClientSampleId :

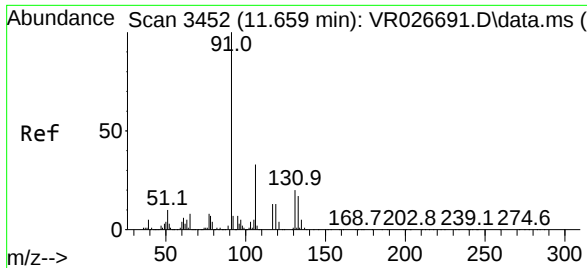
Tgt Ion:164 Resp: 8480
Ion Ratio Lower Upper
164 100
166 49.7 93.7 140.5#
129 51.6 73.4 110.2#
131 40.0 69.2 103.8#



#64
Chlorobenzene
Concen: 2.399 ug/l
RT: 11.560 min Scan# 3421
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion:112 Resp: 29619
Ion Ratio Lower Upper
112 100
114 21.3 25.0 37.6#

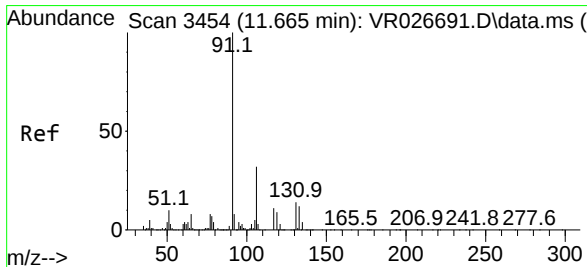
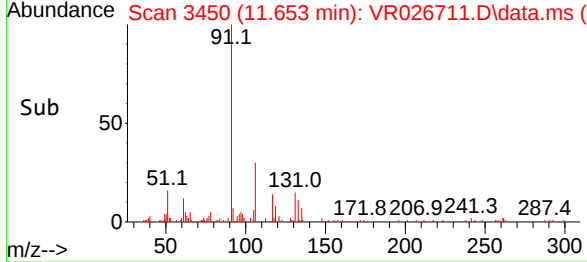
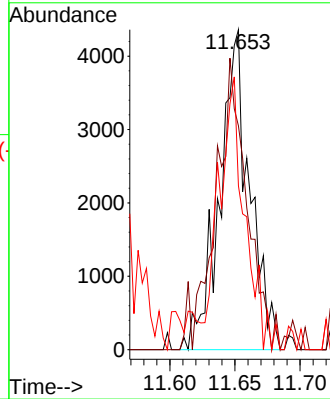
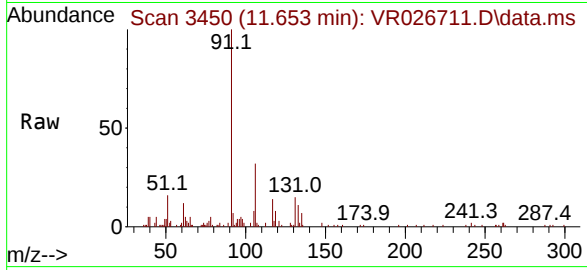




#65
1,1,1,2-Tetrachloroethane
Concen: 2.065 ug/l
RT: 11.653 min Scan# 3450
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

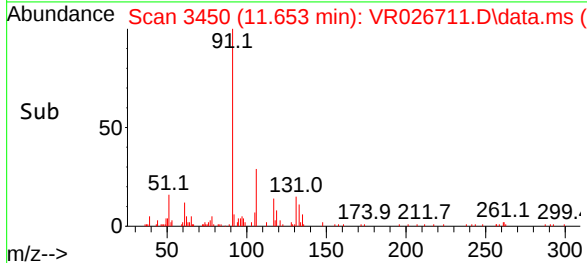
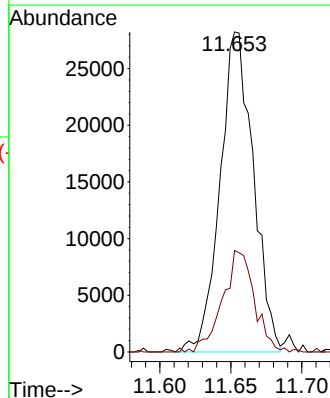
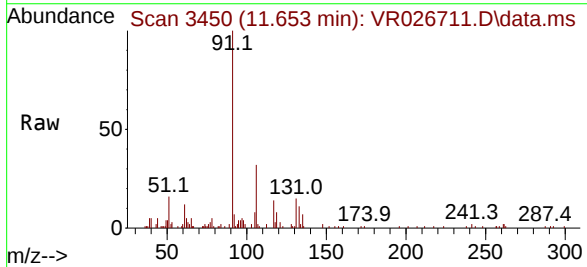
Instrument : MSVOA_R
ClientSampleId :

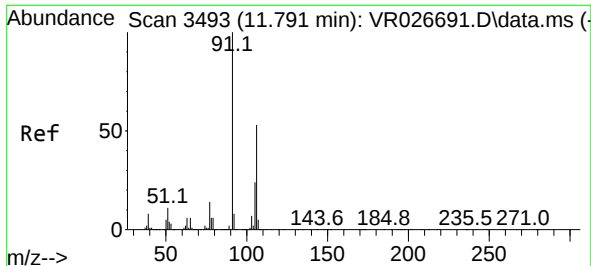
Tgt Ion:131 Resp: 6962
Ion Ratio Lower Upper
131 100
133 91.3 46.2 138.5
119 0.0 35.7 107.1#



#66
Ethyl Benzene
Concen: 2.236 ug/l
RT: 11.653 min Scan# 3450
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 91 Resp: 46086
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0





#67

m/p-Xylenes

Concen: 4.354 ug/l

RT: 11.778 min Scan# 3493

Delta R.T. -0.013 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

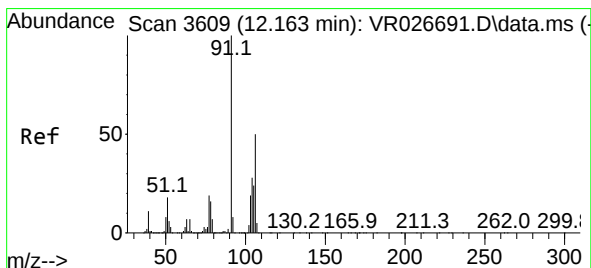
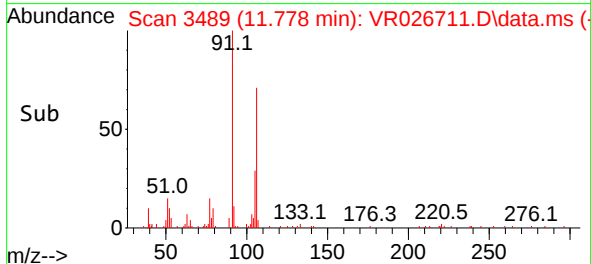
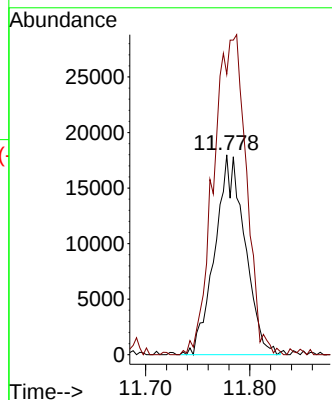
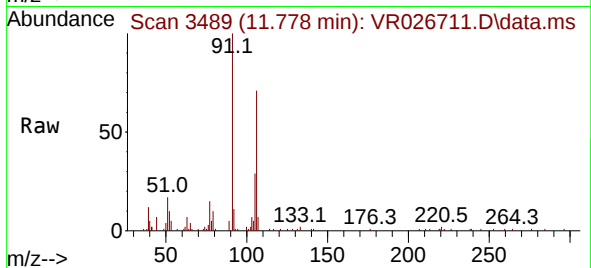
ClientSampleId :

Tgt Ion:106 Resp: 35858

Ion Ratio Lower Upper

106 100

91 175.3 146.8 220.2



#68

o-Xylene

Concen: 4.485 ug/l

RT: 11.778 min Scan# 3489

Delta R.T. -0.385 min

Lab File: VR026711.D

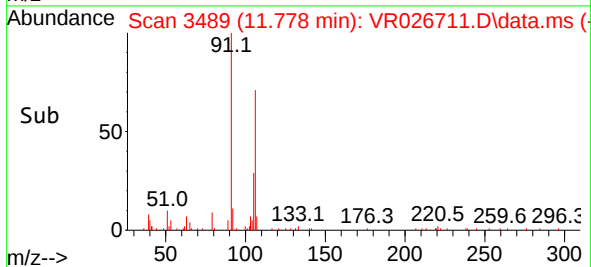
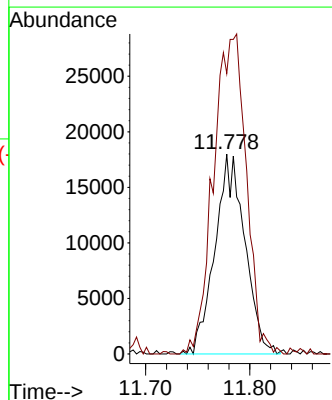
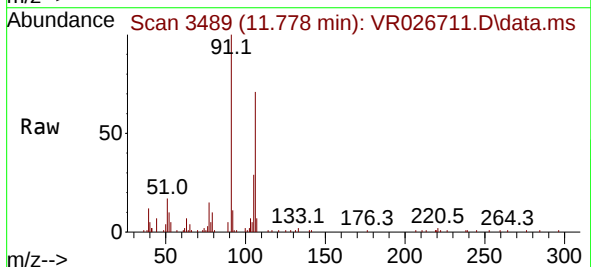
Acq: 5 Aug 2025 14:08

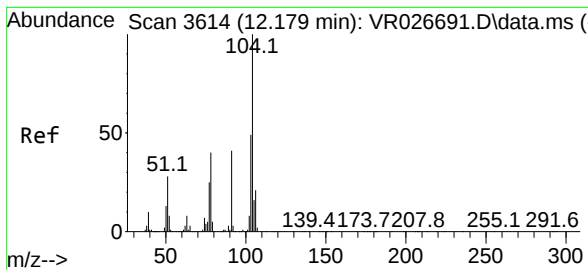
Tgt Ion:106 Resp: 35858

Ion Ratio Lower Upper

106 100

91 175.3 97.9 293.6





#69

Styrene

Concen: 2.049 ug/l

RT: 12.169 min Scan# 3611

Delta R.T. -0.010 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

ClientSampleId :

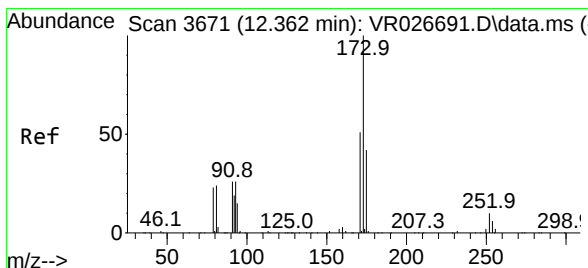
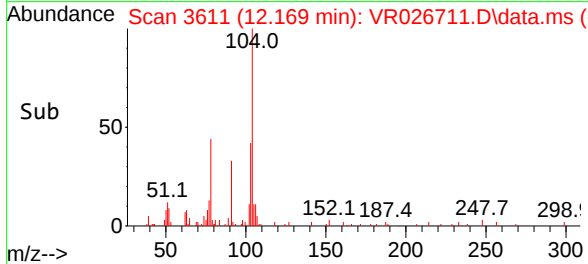
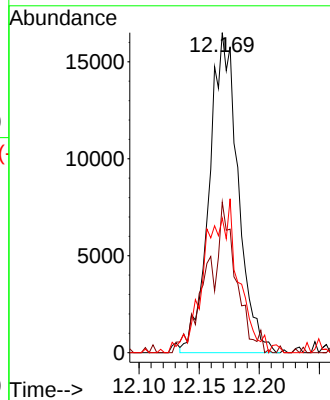
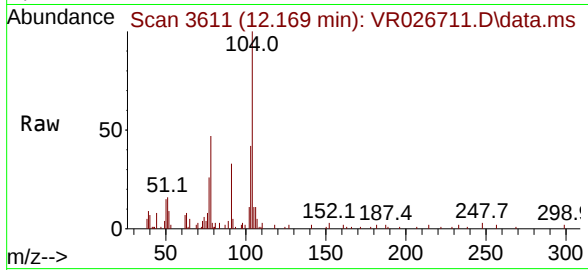
Tgt Ion:104 Resp: 27379

Ion Ratio Lower Upper

104 100

78 46.6 34.5 51.7

103 55.4 43.2 64.8



#70

Bromoform

Concen: 1.195 ug/l

RT: 12.349 min Scan# 3667

Delta R.T. -0.013 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

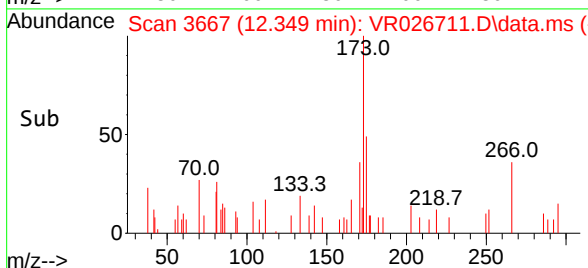
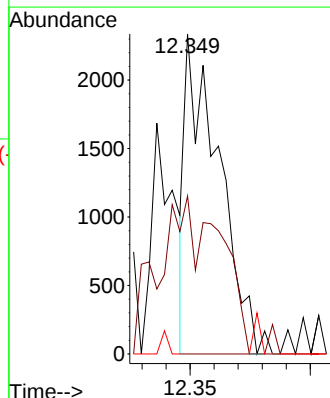
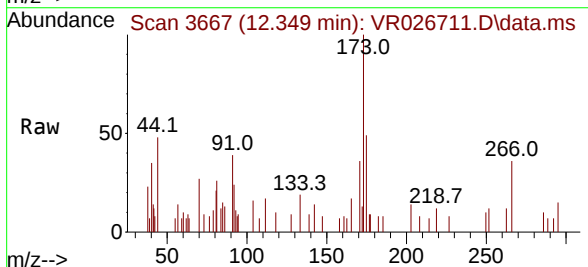
Tgt Ion:173 Resp: 2280

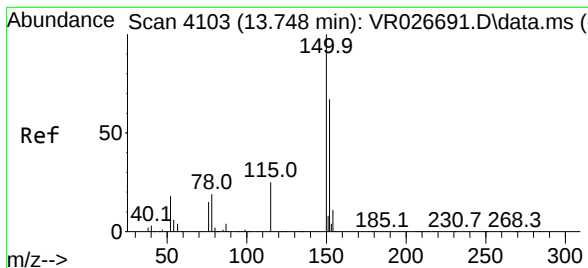
Ion Ratio Lower Upper

173 100

175 20.8 23.6 71.0#

254 0.0 0.1 0.1#

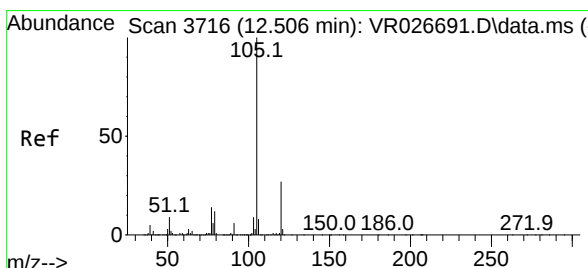
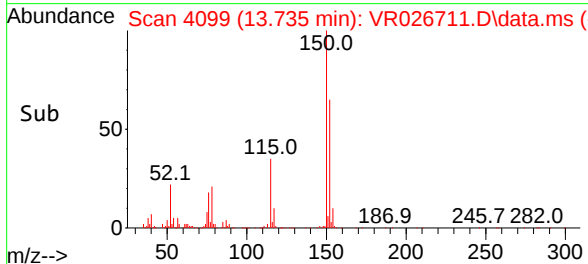
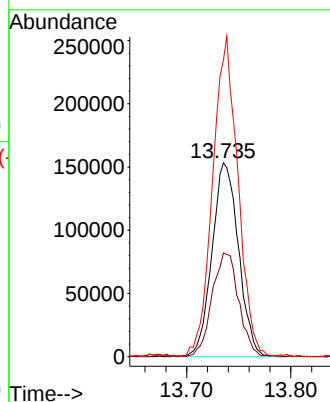
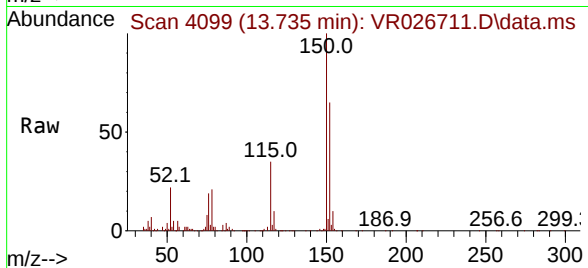




#71
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.735 min Scan# 4099
 Delta R.T. -0.013 min
 Lab File: VR026711.D
 Acq: 5 Aug 2025 14:08

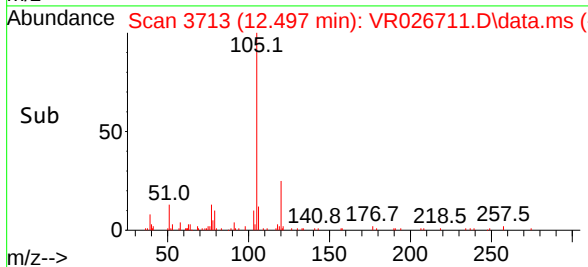
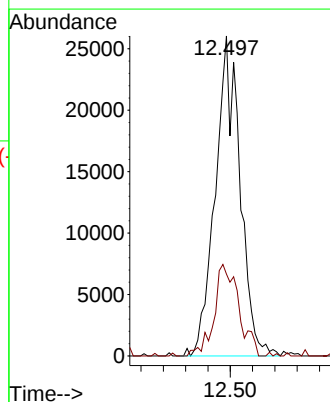
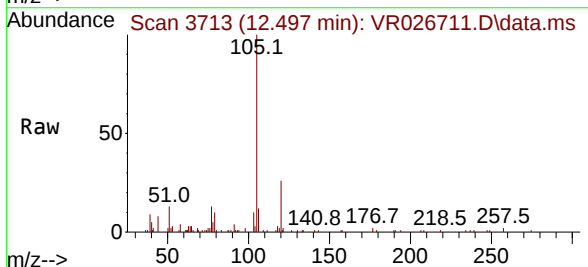
Instrument :
 MSVOA_R
 ClientSampleId :

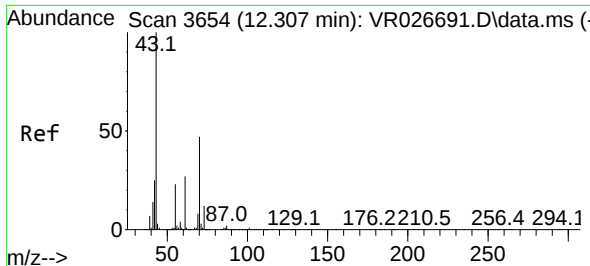
Tgt Ion:152 Resp: 270189
 Ion Ratio Lower Upper
 152 100
 115 53.7 27.8 83.4
 150 157.4 0.0 350.4



#72
 Isopropylbenzene
 Concen: 2.081 ug/l
 RT: 12.497 min Scan# 3713
 Delta R.T. -0.010 min
 Lab File: VR026711.D
 Acq: 5 Aug 2025 14:08

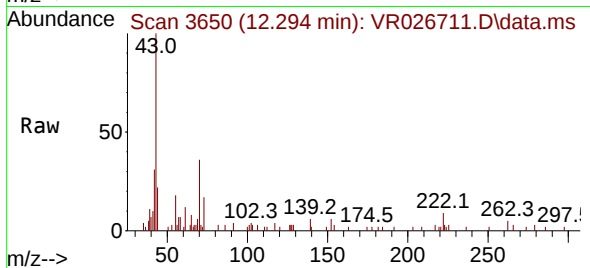
Tgt Ion:105 Resp: 40073
 Ion Ratio Lower Upper
 105 100
 120 28.4 14.2 42.8





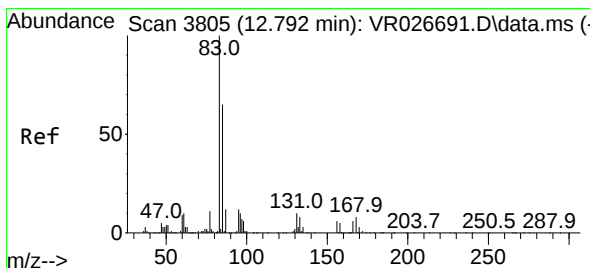
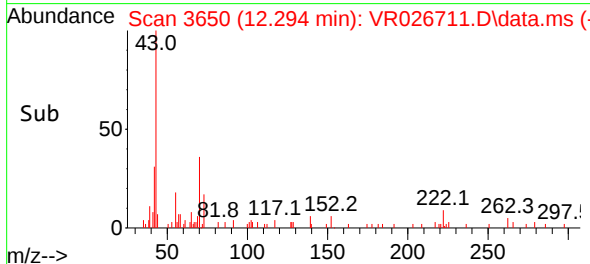
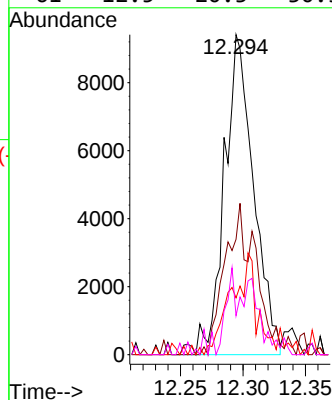
#73
N-amy1 acetate
Concen: 2.017 ug/l
RT: 12.294 min Scan# 30
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Instrument :
MSVOA_R
ClientSampleId :



Tgt Ion: 43 Resp: 15399

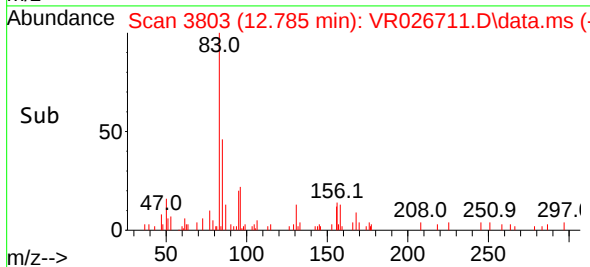
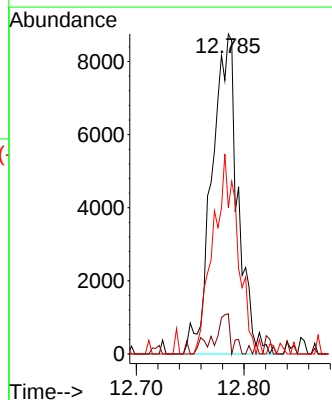
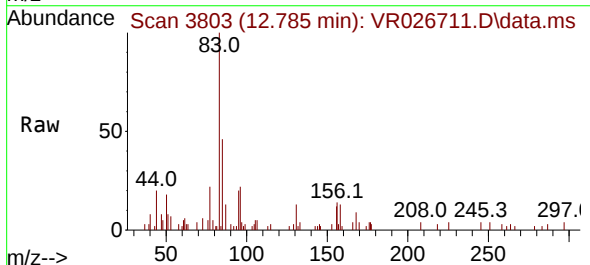
Ion	Ratio	Lower	Upper
43	100		
70	33.4	36.4	54.6#
55	11.1	18.7	28.1#
61	12.5	20.3	30.5#

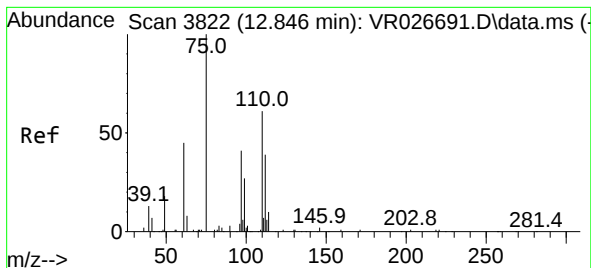


#74
1,1,2,2-Tetrachloroethane
Concen: 2.598 ug/l
RT: 12.785 min Scan# 3803
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 83 Resp: 14680

Ion	Ratio	Lower	Upper
83	100		
131	6.8	4.2	12.4
85	59.0	32.3	96.8





#75

1,2,3-Trichloropropane

Concen: 3.006 ug/l

RT: 12.837 min Scan# 3819

Delta R.T. -0.010 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

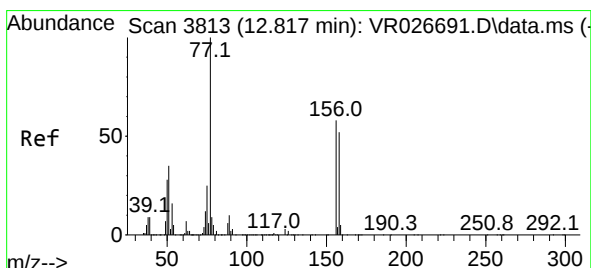
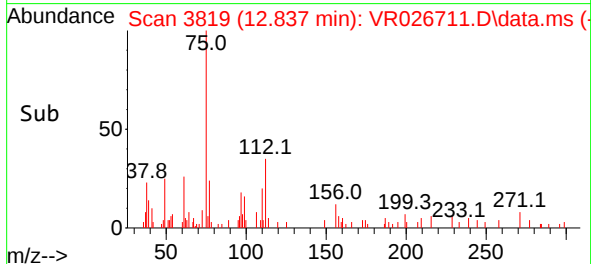
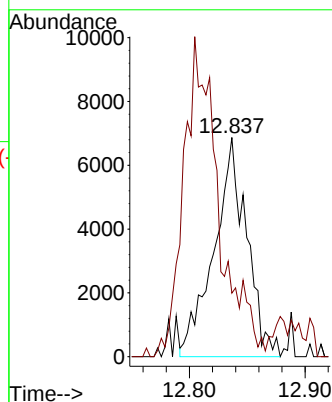
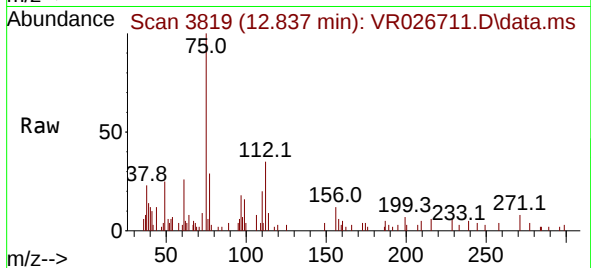
ClientSampleId :

Tgt Ion: 75 Resp: 13462

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#76

Bromobenzene

Concen: 1.757 ug/l

RT: 12.811 min Scan# 3811

Delta R.T. -0.006 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

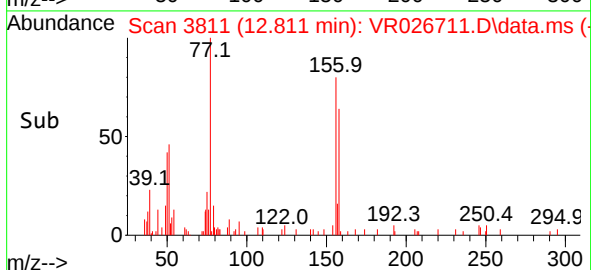
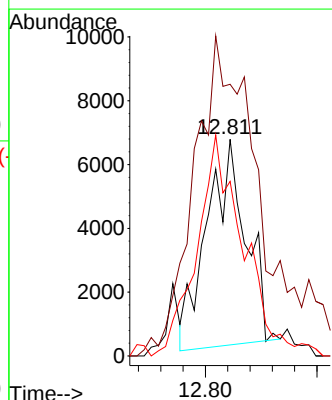
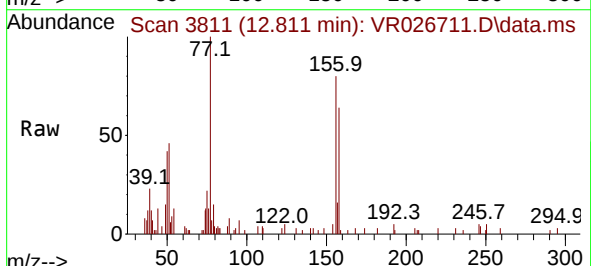
Tgt Ion: 156 Resp: 7829

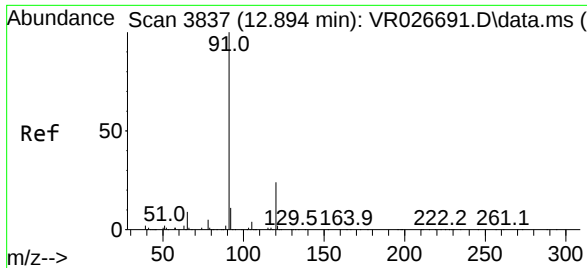
Ion Ratio Lower Upper

156 100

77 248.9 105.5 316.4

158 128.2 46.4 139.1

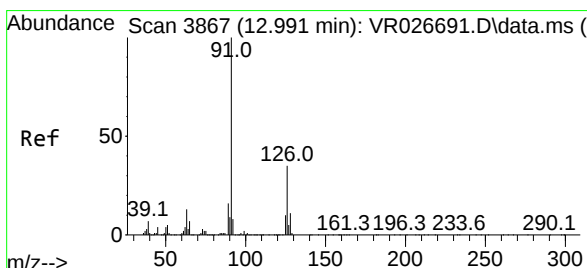
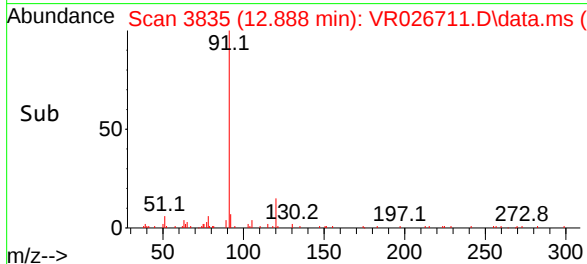
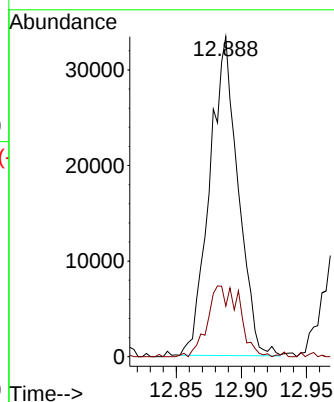
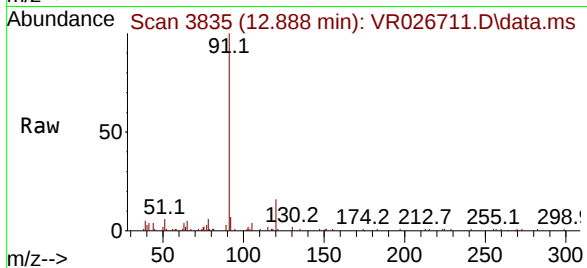




#77
n-propylbenzene
Concen: 2.215 ug/l
RT: 12.888 min Scan# 3835
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

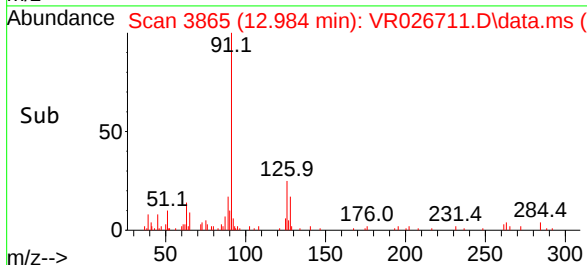
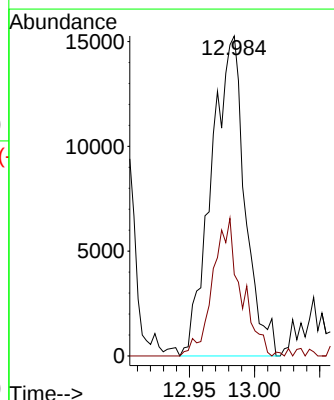
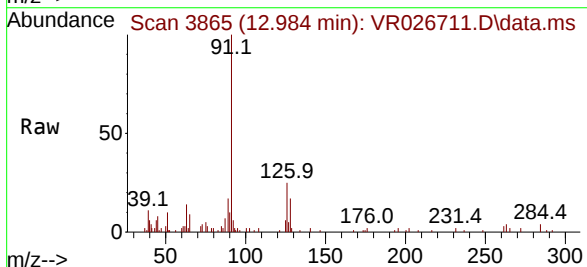
Instrument :
MSVOA_R
ClientSampleId :

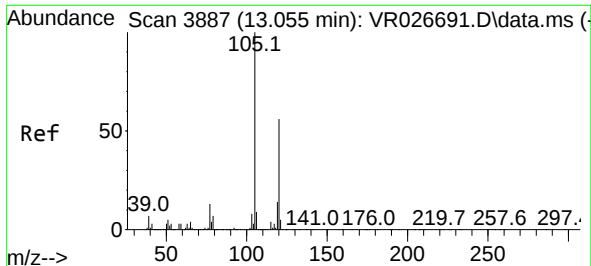
Tgt Ion: 91 Resp: 50898
Ion Ratio Lower Upper
91 100
120 14.4 11.9 35.9



#78
2-Chlorotoluene
Concen: 2.106 ug/l
RT: 12.984 min Scan# 3865
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 91 Resp: 27455
Ion Ratio Lower Upper
91 100
126 36.1 17.5 52.6

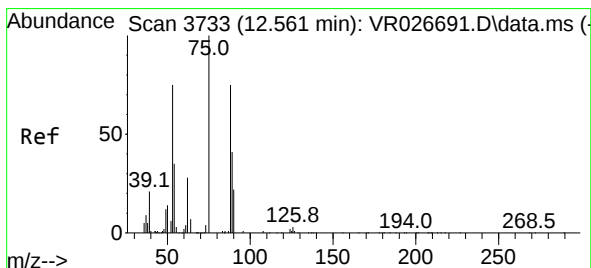
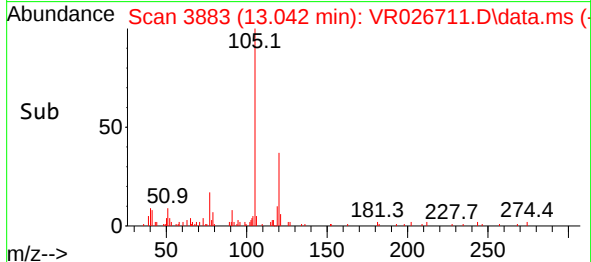
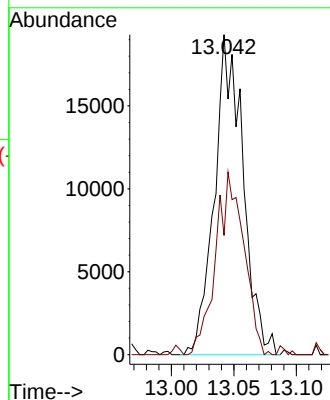
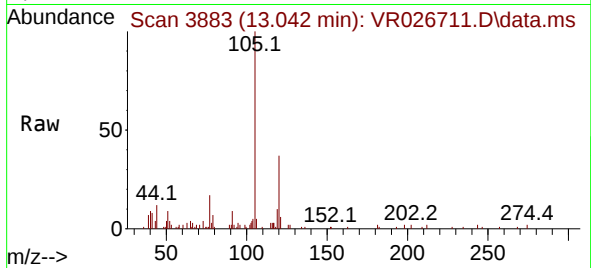




#79
1,3,5-Trimethylbenzene
Concen: 2.035 ug/l
RT: 13.042 min Scan# 31
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

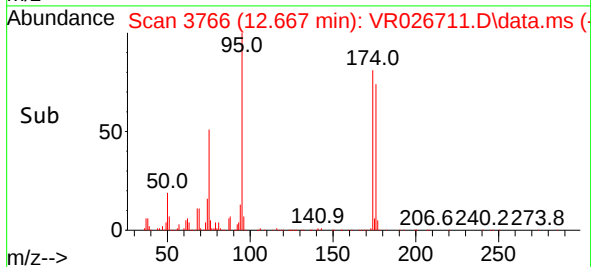
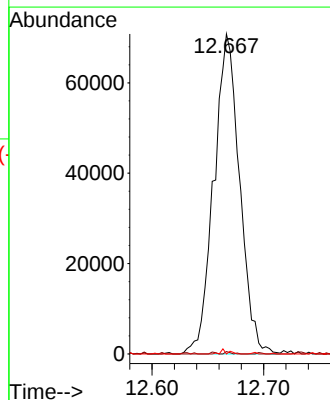
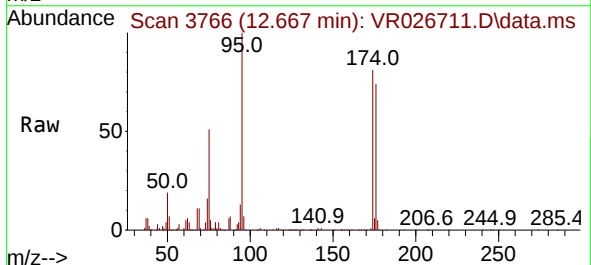
Instrument :
MSVOA_R
ClientSampleId :

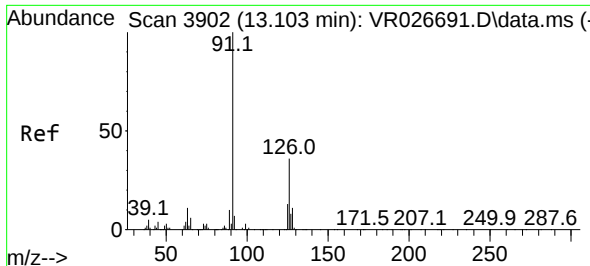
Tgt Ion:105 Resp: 30650
Ion Ratio Lower Upper
105 100
120 56.5 26.6 79.7



#80
trans-1,4-Dichloro-2-butene
Concen: 73.858 ug/l
RT: 12.667 min Scan# 3766
Delta R.T. 0.106 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 75 Resp: 113572
Ion Ratio Lower Upper
75 100
53 0.2 67.8 101.6#
89 0.4 34.6 52.0#

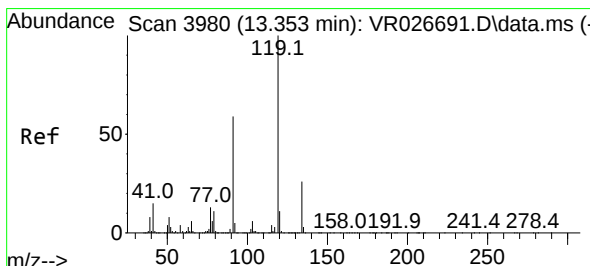
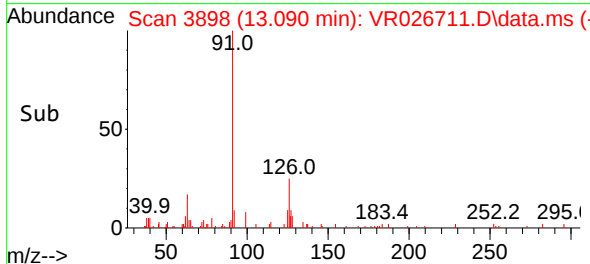
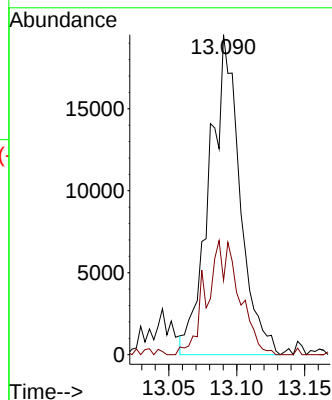
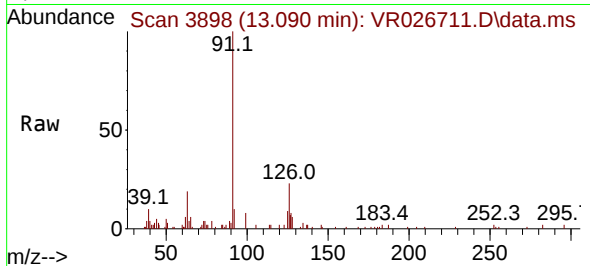




#81
4-Chlorotoluene
Concen: 2.294 ug/l
RT: 13.090 min Scan# 3902
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

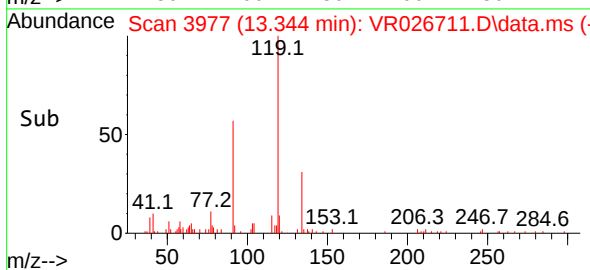
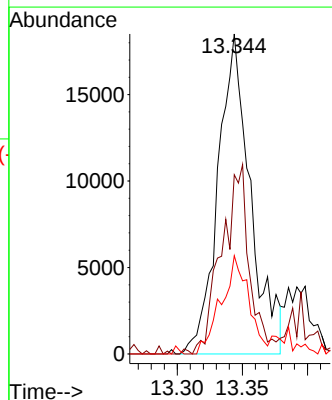
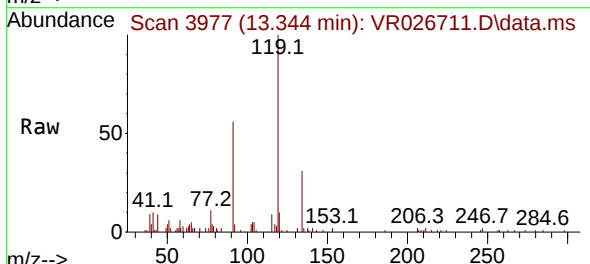
Instrument :
MSVOA_R
ClientSampleId :

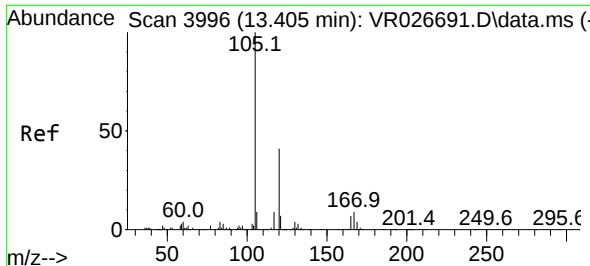
Tgt Ion: 91 Resp: 30545
Ion Ratio Lower Upper
91 100
126 20.4 17.8 53.3



#82
tert-Butylbenzene
Concen: 2.333 ug/l
RT: 13.344 min Scan# 3977
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 119 Resp: 31954
Ion Ratio Lower Upper
119 100
91 51.0 29.9 89.7
134 26.1 13.5 40.4

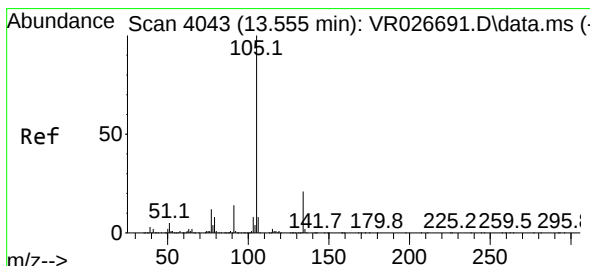
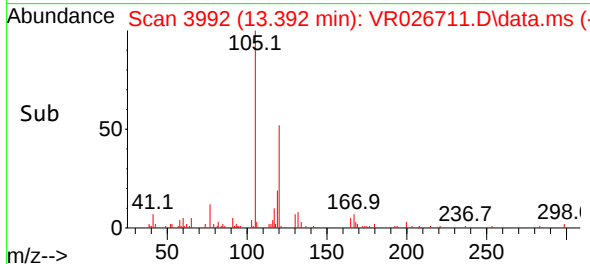
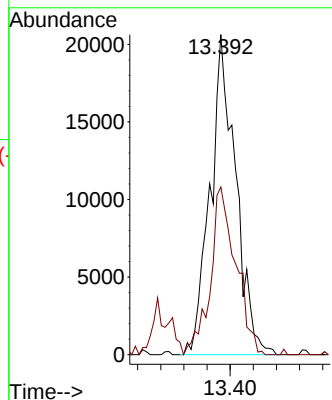
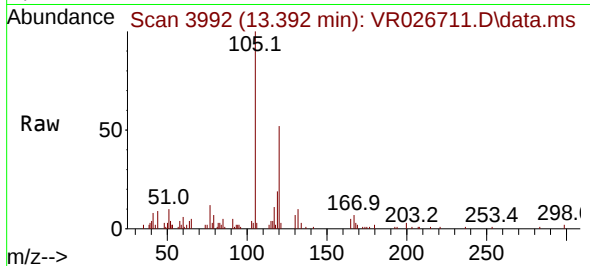




#83
1,2,4-Trimethylbenzene
Concen: 2.114 ug/l
RT: 13.392 min Scan# 3996
Delta R.T. -0.013 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

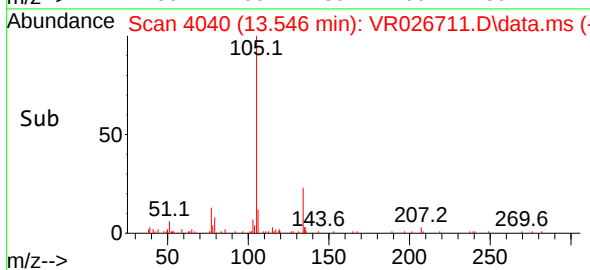
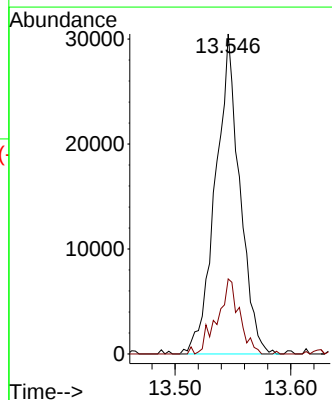
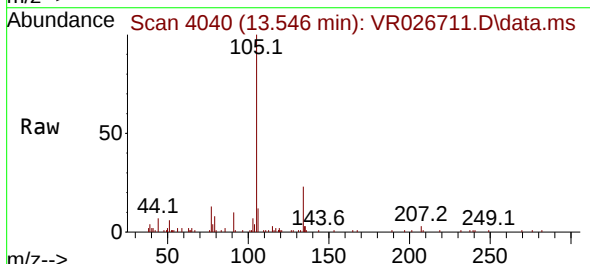
Instrument :
MSVOA_R
ClientSampleId :

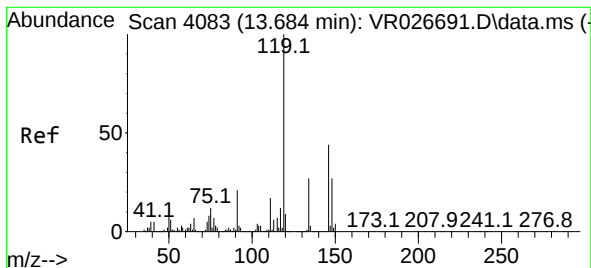
Tgt Ion:105 Resp: 31511
Ion Ratio Lower Upper
105 100
120 52.3 25.0 75.0



#84
sec-Butylbenzene
Concen: 2.191 ug/l
RT: 13.546 min Scan# 4040
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion:105 Resp: 44506
Ion Ratio Lower Upper
105 100
134 21.0 10.4 31.1





#85

p-Isopropyltoluene

Concen: 2.119 ug/l

RT: 13.674 min Scan# 4080

Delta R.T. -0.010 min

Lab File: VR026711.D

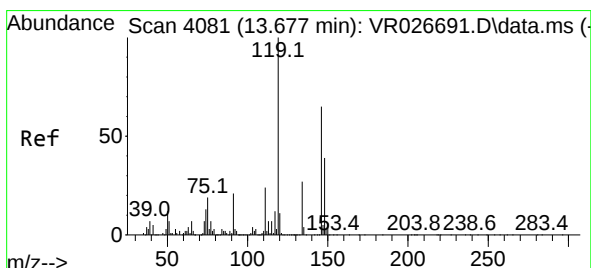
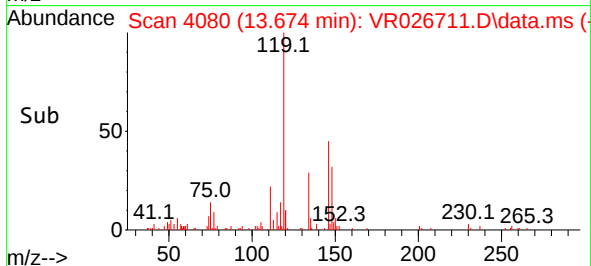
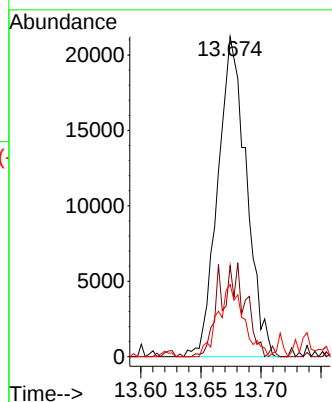
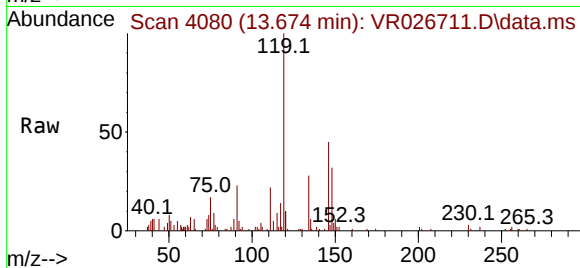
Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

ClientSampleId :

Tgt Ion:119	Resp:	35100
Ion Ratio	Lower	Upper
119	100	
134	15.7	13.9 41.7
91	20.3	10.4 31.2



#86

1,3-Dichlorobenzene

Concen: 2.335 ug/l

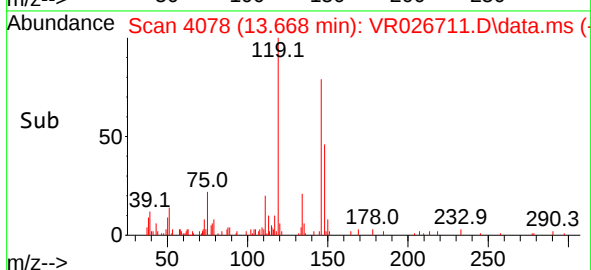
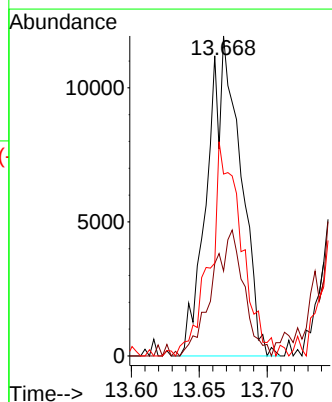
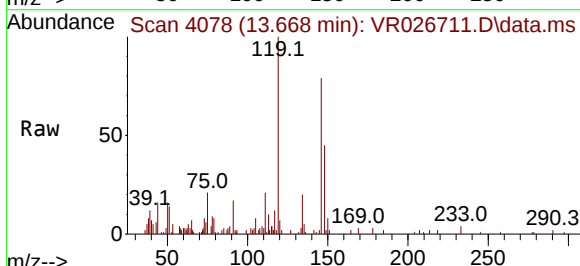
RT: 13.668 min Scan# 4078

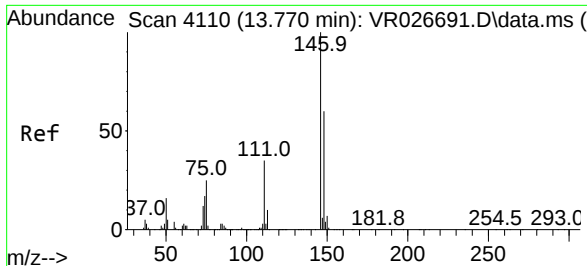
Delta R.T. -0.010 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Tgt Ion:146	Resp:	20398
Ion Ratio	Lower	Upper
146	100	
111	37.6	19.4 58.2
148	63.2	31.4 94.3

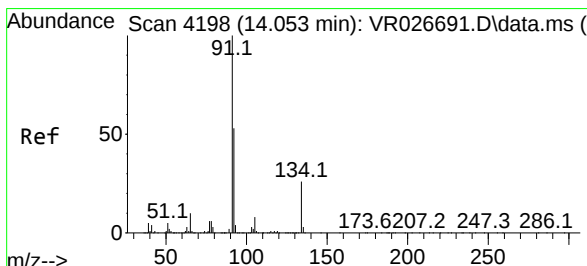
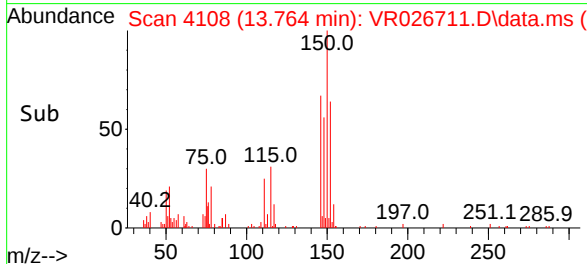
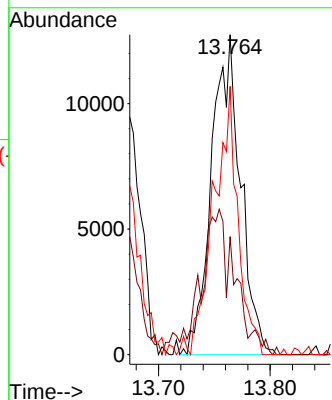
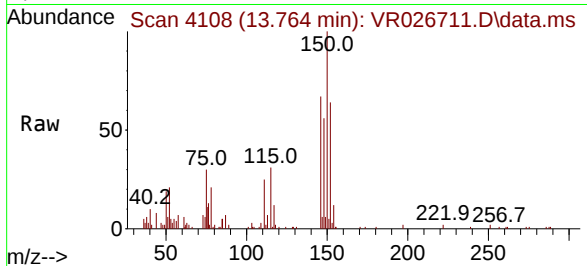




#87
1,4-Dichlorobenzene
Concen: 2.612 ug/l
RT: 13.764 min Scan# 4110
Delta R.T. -0.006 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

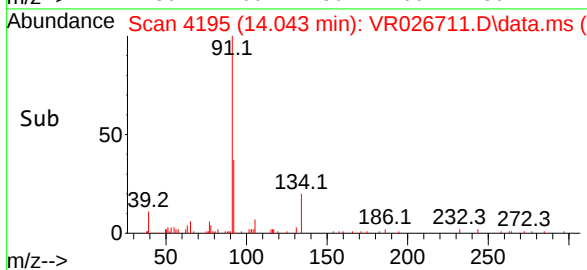
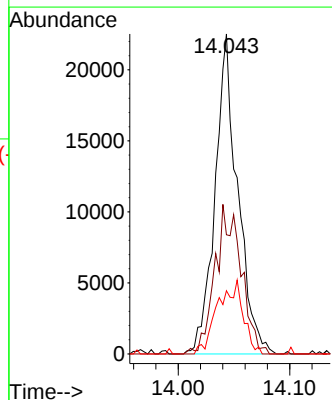
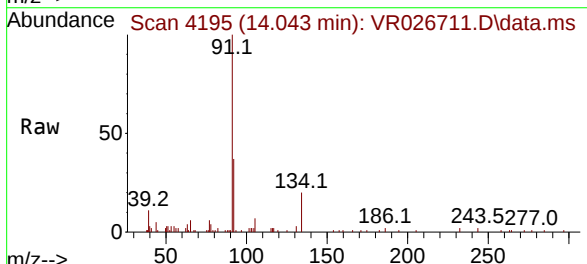
Instrument :
MSVOA_R
ClientSampleId :

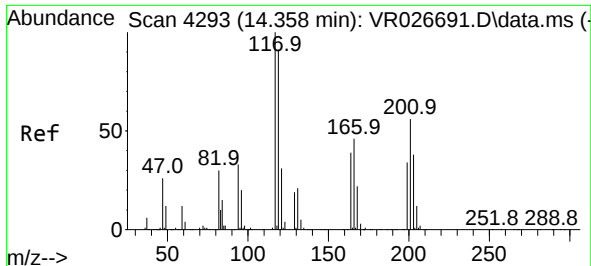
Tgt Ion:146 Resp: 22907
Ion Ratio Lower Upper
146 100
111 30.0 19.1 57.3
148 69.6 32.6 97.8



#88
n-Butylbenzene
Concen: 2.081 ug/l
RT: 14.043 min Scan# 4195
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

Tgt Ion: 91 Resp: 31767
Ion Ratio Lower Upper
91 100
92 53.6 27.1 81.2
134 26.0 13.1 39.3

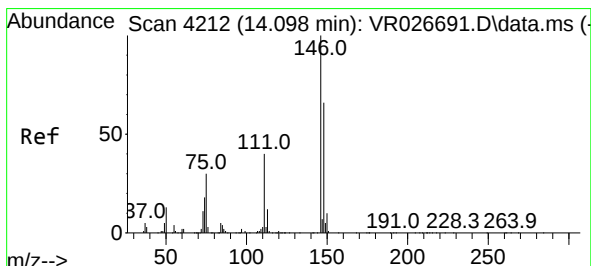
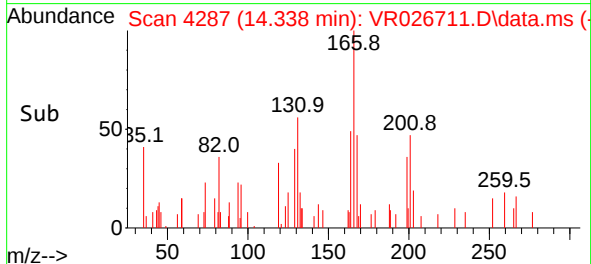
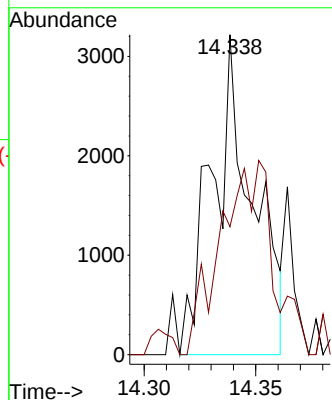
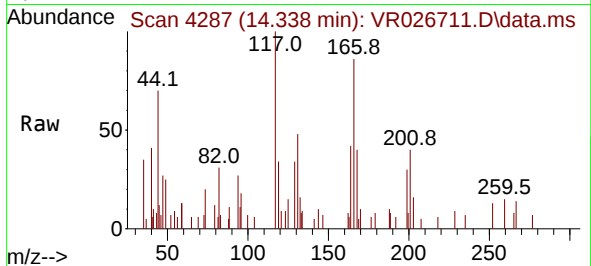




#89
Hexachloroethane
Concen: 1.699 ug/l
RT: 14.338 min Scan# 41
Delta R.T. -0.019 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

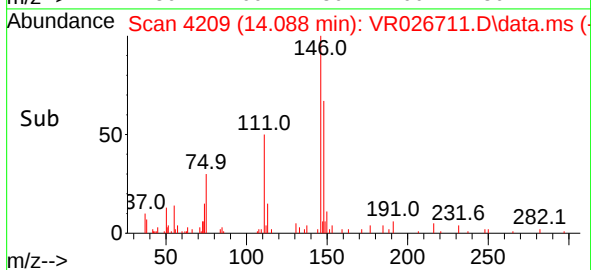
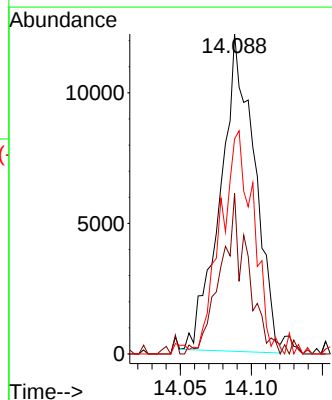
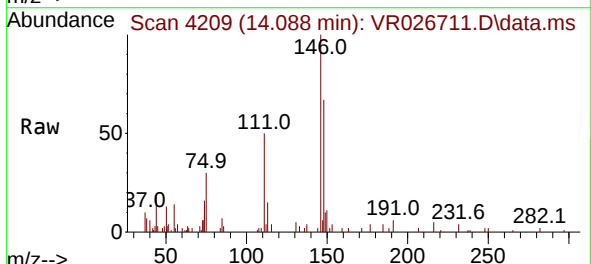
Instrument :
MSVOA_R
ClientSampleId :

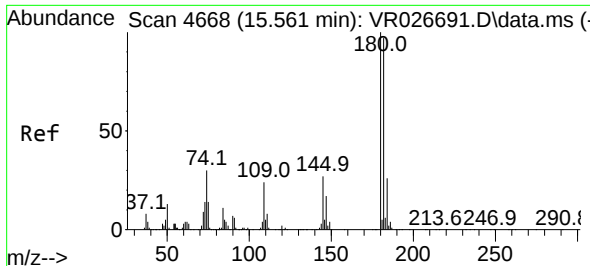
Tgt Ion:117 Resp: 4041
Ion Ratio Lower Upper
117 100
201 79.2 30.6 92.0



#90
1,2-Dichlorobenzene
Concen: 2.476 ug/l
RT: 14.088 min Scan# 4209
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

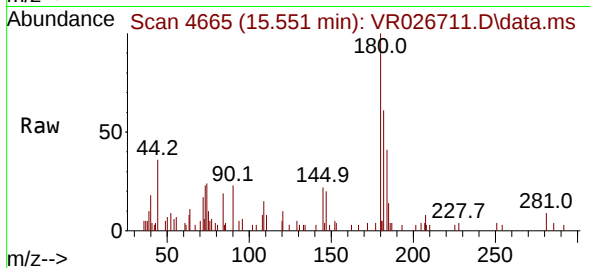
Tgt Ion:146 Resp: 20319
Ion Ratio Lower Upper
146 100
111 40.1 20.0 60.0
148 68.1 32.4 97.0



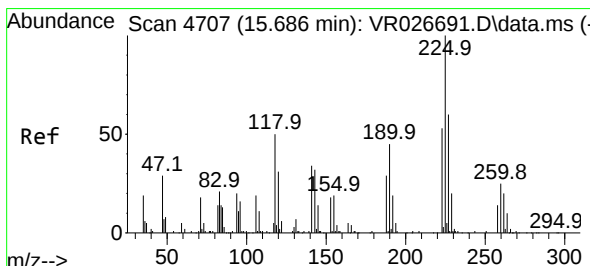
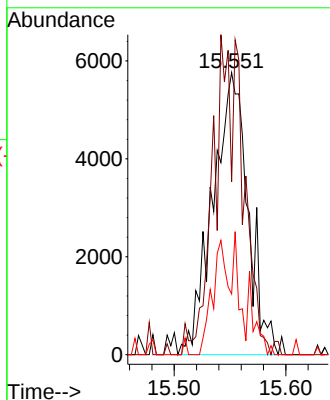
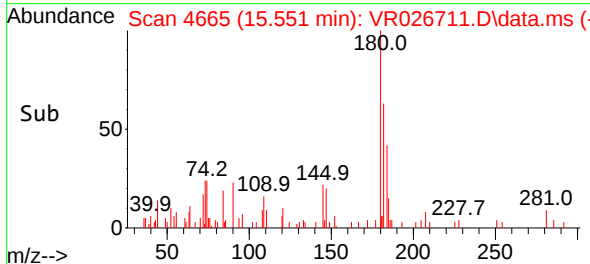


#92
1,2,4-Trichlorobenzene
Concen: 2.564 ug/l
RT: 15.551 min Scan# 4665
Delta R.T. -0.010 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08

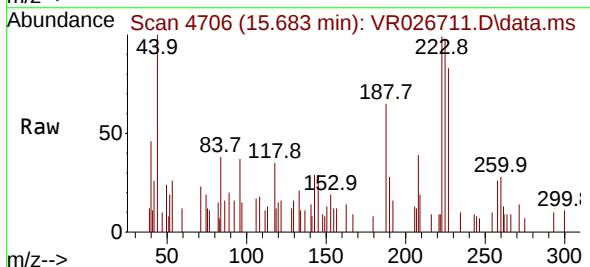
Instrument :
MSVOA_R
ClientSampleId :



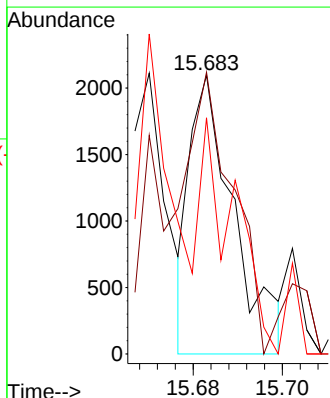
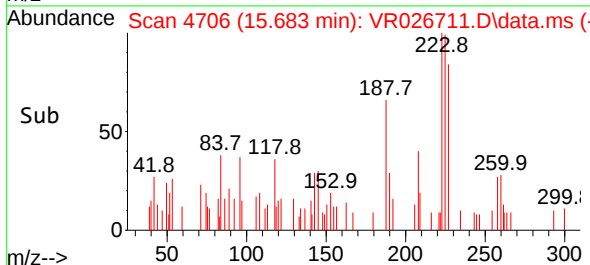
Tgt Ion:180 Resp: 12582
Ion Ratio Lower Upper
180 100
182 51.3 47.0 141.0
145 18.6 15.2 45.5

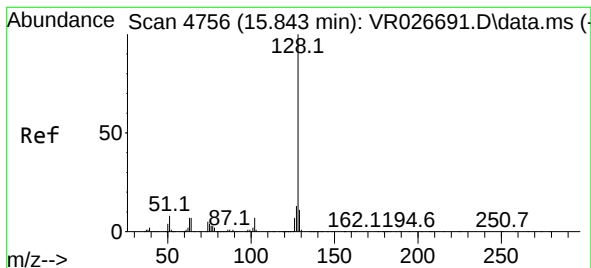


#93
Hexachlorobutadiene
Concen: 0.903 ug/l
RT: 15.683 min Scan# 4706
Delta R.T. -0.003 min
Lab File: VR026711.D
Acq: 5 Aug 2025 14:08



Tgt Ion:225 Resp: 1440
Ion Ratio Lower Upper
225 100
223 146.1 31.4 94.2#
227 64.9 31.6 95.0





#94

Naphthalene

Concen: 2.656 ug/l

RT: 15.831 min Scan# 4756

Delta R.T. -0.013 min

Lab File: VR026711.D

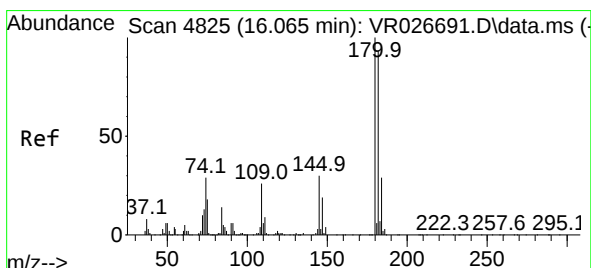
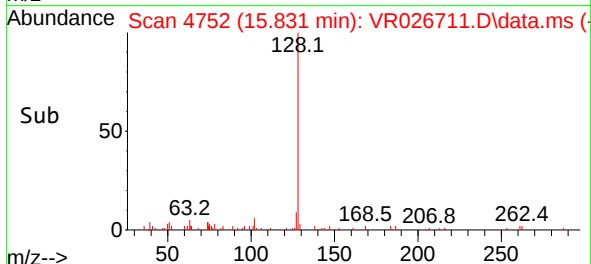
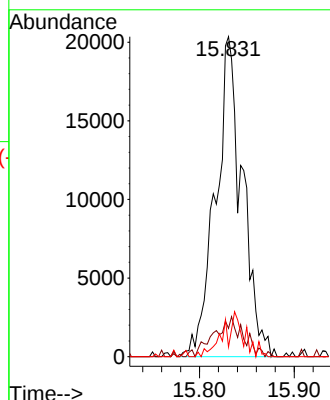
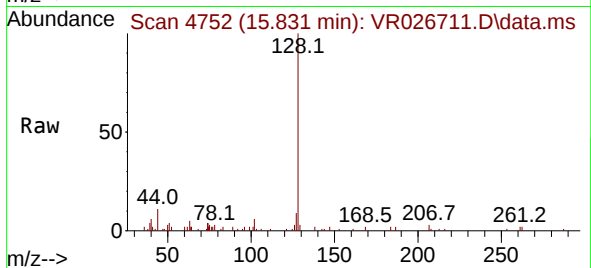
Acq: 5 Aug 2025 14:08

Instrument :

MSVOA_R

ClientSampleId :

Tgt Ion:128	Resp:	39936
Ion Ratio	Lower	Upper
128	100	
127	11.9	9.8 14.8
129	5.9	8.6 13.0



#95

1,2,3-Trichlorobenzene

Concen: 2.611 ug/l

RT: 16.058 min Scan# 4823

Delta R.T. -0.006 min

Lab File: VR026711.D

Acq: 5 Aug 2025 14:08

Tgt Ion:180	Resp:	12164
Ion Ratio	Lower	Upper
180	100	
182	23.2	47.2 141.6
145	17.5	15.5 46.5

