

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080425\
 Data File : VR026700.D
 Acq On : 4 Aug 2025 16:47
 Operator : SY/MD
 Sample : MDL02
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 MDL02

Quant Time: Aug 05 07:45:51 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	7.311	168	517176	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.338	114	999127	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.544	117	737654	50.000	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.751	152	323821	50.000	ug/l	0.00

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.699	65	359569	54.932	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.860%	
34) Dibromofluoromethane	7.215	113	300951	48.700	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.400%	
49) Toluene-d8	10.042	98	1134568	51.246	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.500%	
61) 4-Bromofluorobenzene	12.680	95	303895	48.260	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.520%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.663	85	8421	2.234	ug/l	87
3) Chloromethane	1.846	50	15391	2.747	ug/l #	74
4) Vinyl Chloride	1.965	62	16356	2.857	ug/l	97
5) Bromomethane	2.302	94	10746	3.852	ug/l	86
6) Chloroethane	2.440	64	10799	2.929	ug/l	91
7) Trichlorofluoromethane	2.725	101	32052	3.106	ug/l	91
8) Diethyl Ether	3.085	74	15176	3.314	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.390	101	9305	1.671	ug/l #	65
10) Methyl Iodide	3.553	142	4946	0.921	ug/l #	69
11) Tert butyl alcohol	4.340	59	14970	14.617	ug/l #	81
12) 1,1-Dichloroethene	3.370	96	13558	2.464	ug/l #	67
13) Acrolein	3.252	56	5220	3.487	ug/l	89
14) Allyl chloride	3.894	41	23405	2.162	ug/l #	79
15) Acrylonitrile	4.490	53	67637	16.637	ug/l	97
16) Acetone	3.454	43	58991	19.202	ug/l	88
17) Carbon Disulfide	3.653	76	13589	1.669	ug/l	100
18) Methyl Acetate	3.916	43	28344	2.211	ug/l #	61
19) Methyl tert-butyl Ether	4.574	73	32568	1.479	ug/l #	82
20) Methylene Chloride	4.096	84	20466	2.807	ug/l #	84
21) trans-1,2-Dichloroethene	4.551	96	13823	2.286	ug/l	85
22) Diisopropyl ether	5.482	45	66111	2.607	ug/l #	97
23) Vinyl Acetate	5.408	43	233446	16.143	ug/l	99
24) 1,1-Dichloroethane	5.341	63	35684	2.778	ug/l #	89
25) 2-Butanone	6.393	43	81537	17.147	ug/l #	84
27) cis-1,2-Dichloroethene	6.368	96	19513	2.508	ug/l	72
28) Bromochloromethane	6.759	49	17166	3.709	ug/l #	62
29) Chloroform	6.980	83	29209	2.625	ug/l #	73
30) Cyclohexane	7.298	56	31077	2.996	ug/l #	49
31) 1,1,1-Trichloroethane	7.179	97	10669	1.327	ug/l #	72
35) 1,1-Dichloropropene	7.446	75	10248	1.315	ug/l	90
36) Ethyl Acetate	6.499	43	14842	1.590	ug/l #	89
37) Carbon Tetrachloride	7.420	117	8333	1.312	ug/l #	91
38) Methylcyclohexane	8.899	83	17045	1.910	ug/l	91
39) Benzene	7.719	78	65064	2.318	ug/l	95
40) Methacrylonitrile	6.737	41	1644	0.283	ug/l #	1
41) 1,2-Dichloroethane	7.808	62	18447	2.583	ug/l	92

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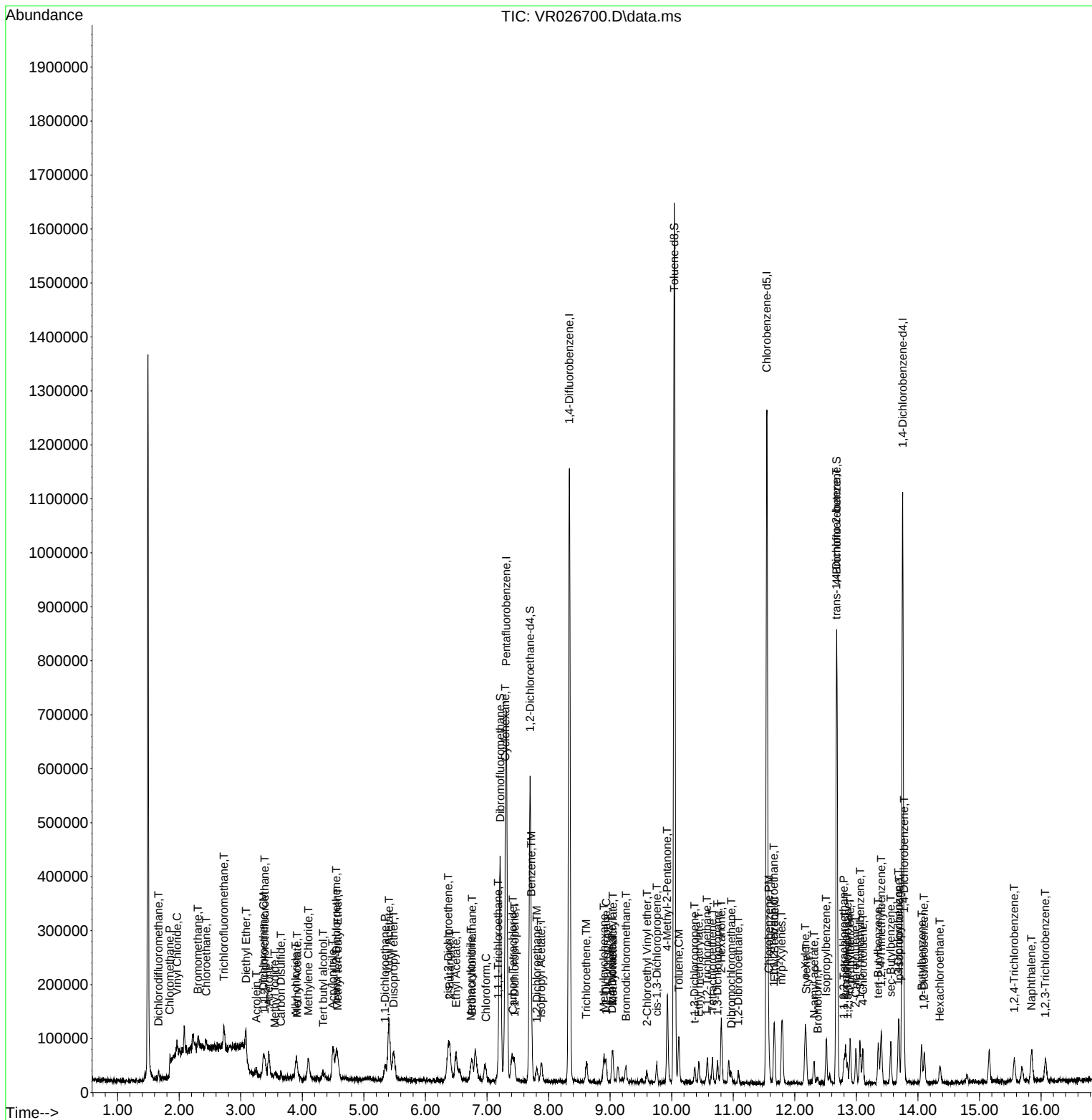
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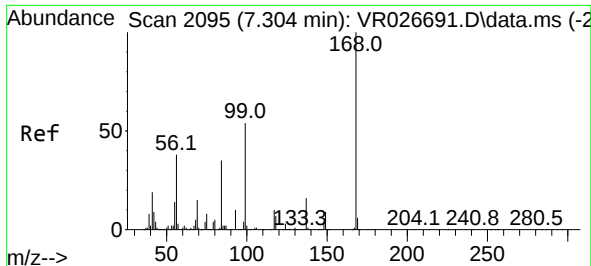
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Isopropyl Acetate	7.879	43	23002	1.533	ug/l #	64
43) Trichloroethene	8.614	130	12648	2.343	ug/l	95
44) 1,2-Dichloropropane	8.935	63	16034	2.413	ug/l #	82
45) Dibromomethane	9.028	93	9746	2.638	ug/l	94
46) Bromodichloromethane	9.259	83	16888	2.359	ug/l #	80
47) Methyl methacrylate	9.044	41	17749	2.702	ug/l #	90
48) 1,4-Dioxane	9.034	88	2232	21.096	ug/l #	73
50) 4-Methyl-2-Pentanone	9.926	43	116159	14.826	ug/l	96
51) Toluene	10.116	92	34594	2.414	ug/l	97
52) t-1,3-Dichloropropene	10.372	75	12888	1.837	ug/l	93
53) cis-1,3-Dichloropropene	9.759	75	19130	2.273	ug/l	89
54) 1,1,2-Trichloroethane	10.574	97	14466	2.764	ug/l #	80
55) Ethyl methacrylate	10.440	69	20965	2.426	ug/l	95
56) 1,3-Dichloropropane	10.741	76	23373	2.622	ug/l	90
57) 2-Chloroethyl Vinyl ether	9.599	63	5168	10.819	ug/l #	55
58) 2-Hexanone	10.806	43	77453	14.664	ug/l	99
59) Dibromochloromethane	10.969	129	8984	2.028	ug/l	80
60) 1,2-Dibromoethane	11.081	107	13341	2.962	ug/l	95
63) Tetrachloroethene	10.661	164	8782	2.179	ug/l #	65
64) Chlorobenzene	11.576	112	39267	2.558	ug/l	90
65) 1,1,1,2-Tetrachloroethane	11.659	131	8049	1.920	ug/l	73
66) Ethyl Benzene	11.669	91	57650	2.249	ug/l	91
67) m/p-Xylenes	11.784	106	20495	2.001	ug/l #	1
68) o-Xylene	12.169	106	23444	2.358	ug/l	96
69) Styrene	12.185	104	38815	2.336	ug/l	97
70) Bromoform	12.371	173	4926	2.076	ug/l #	63
72) Isopropylbenzene	12.506	105	56335	2.441	ug/l	99
73) N-amyl acetate	12.314	43	26354	2.880	ug/l #	79
74) 1,1,2,2-Tetrachloroethane	12.792	83	19396	2.864	ug/l	92
75) 1,2,3-Trichloropropane	12.856	75	17849	3.325	ug/l #	100
76) Bromobenzene	12.824	156	13422	2.513	ug/l	82
77) n-propylbenzene	12.898	91	65009	2.361	ug/l	96
78) 2-Chlorotoluene	12.988	91	40063	2.564	ug/l	92
79) 1,3,5-Trimethylbenzene	13.061	105	40901	2.266	ug/l	96
80) trans-1,4-Dichloro-2-b...	12.676	75	143990	78.130	ug/l #	16
81) 4-Chlorotoluene	13.106	91	38991	2.443	ug/l	91
82) tert-Butylbenzene	13.353	119	40960	2.495	ug/l #	63
83) 1,2,4-Trimethylbenzene	13.405	105	37945	2.124	ug/l	88
84) sec-Butylbenzene	13.559	105	54641	2.244	ug/l	100
85) p-Isopropyltoluene	13.694	119	43772	2.205	ug/l	87
86) 1,3-Dichlorobenzene	13.681	146	25730	2.457	ug/l	90
87) 1,4-Dichlorobenzene	13.774	146	24909	2.370	ug/l	85
88) n-Butylbenzene	14.063	91	43394	2.372	ug/l	96
89) Hexachloroethane	14.355	117	2344	0.822	ug/l #	29
90) 1,2-Dichlorobenzene	14.098	146	24663	2.508	ug/l	96
92) 1,2,4-Trichlorobenzene	15.564	180	14588	2.481	ug/l	83
94) Naphthalene	15.840	128	28350	1.573	ug/l #	92
95) 1,2,3-Trichlorobenzene	16.068	180	15161	2.715	ug/l	94

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

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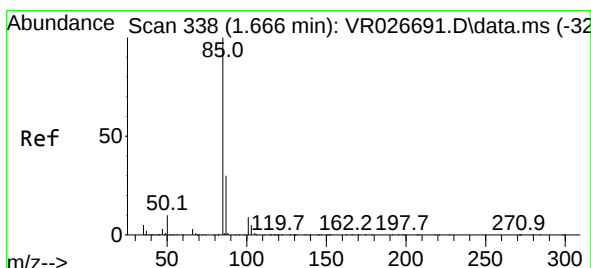
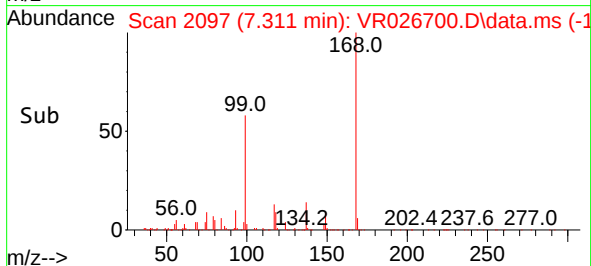
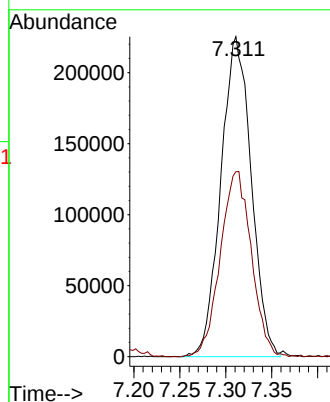
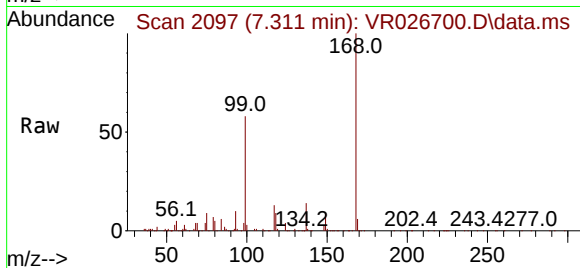




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.311 min Scan# 2095
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

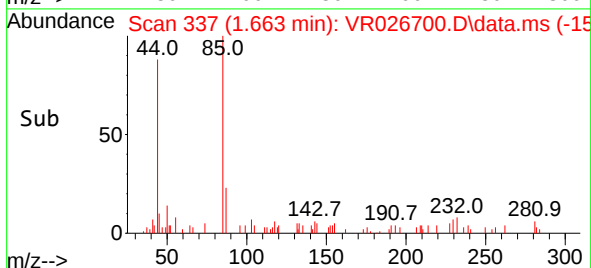
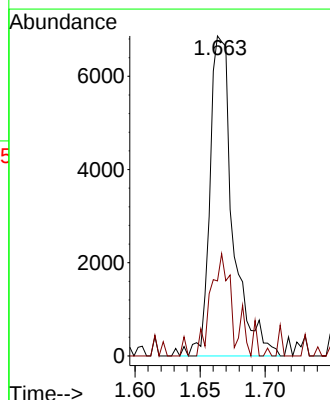
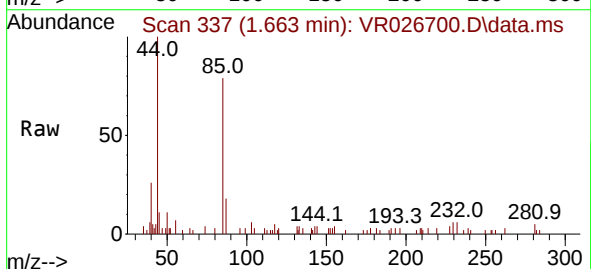
Instrument :
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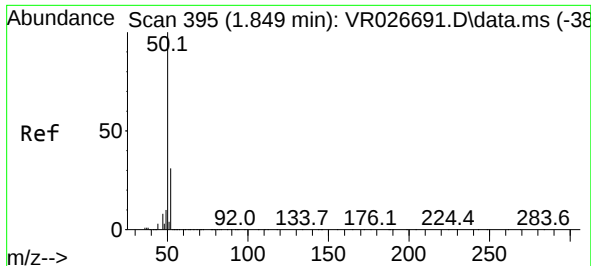
Tgt Ion:168 Resp: 517176
Ion Ratio Lower Upper
168 100
99 57.8 43.8 65.8



#2
Dichlorodifluoromethane
Concen: 2.234 ug/l
RT: 1.663 min Scan# 337
Delta R.T. -0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 85 Resp: 8421
Ion Ratio Lower Upper
85 100
87 23.5 15.2 45.5

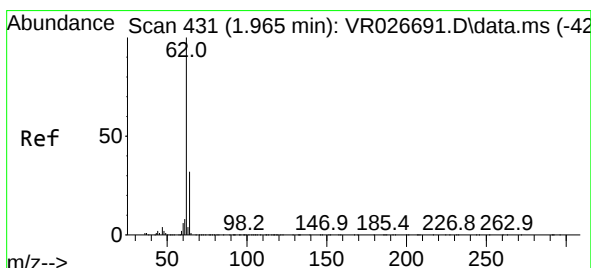
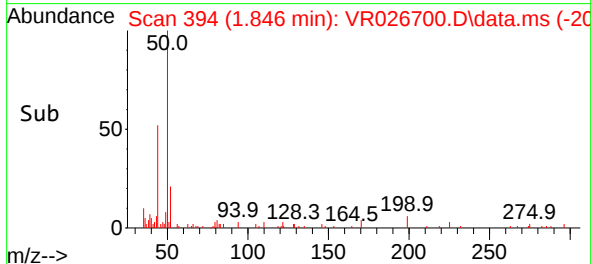
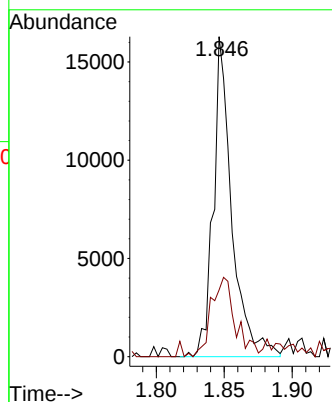
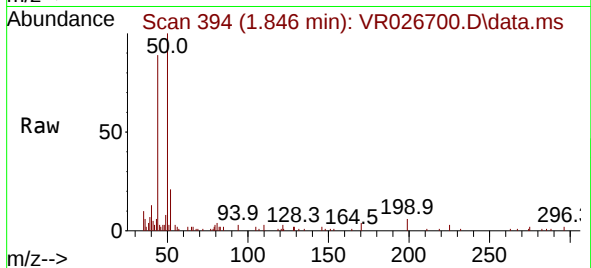




#3
Chloromethane
Concen: 2.747 ug/l
RT: 1.846 min Scan# 394
Delta R.T. -0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

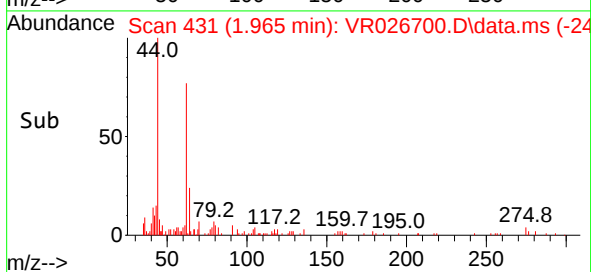
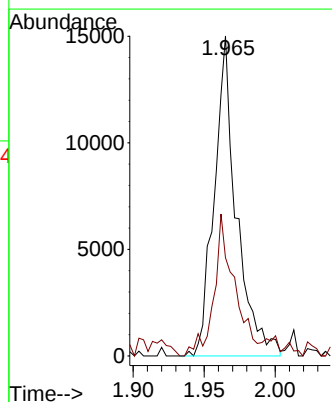
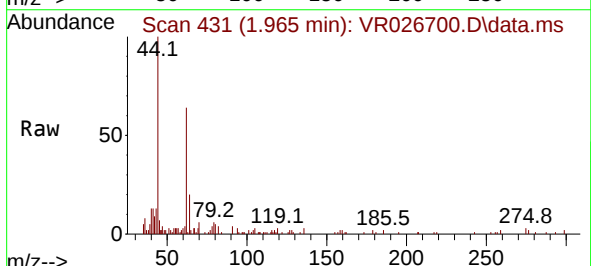
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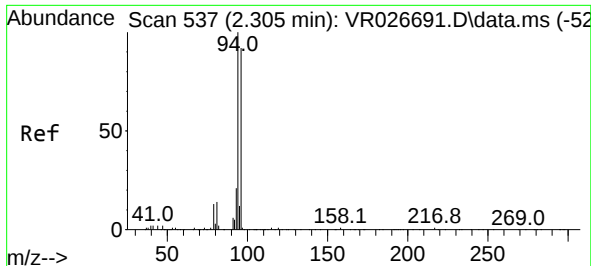
Tgt Ion: 50 Resp: 15391
Ion Ratio Lower Upper
50 100
52 16.9 25.0 37.4#



#4
Vinyl Chloride
Concen: 2.857 ug/l
RT: 1.965 min Scan# 431
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 62 Resp: 16356
Ion Ratio Lower Upper
62 100
64 30.7 25.9 38.9

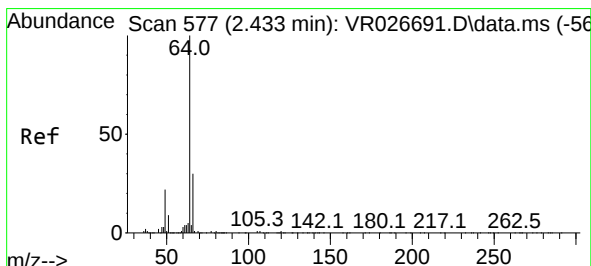
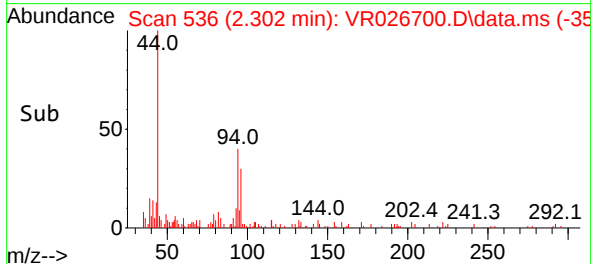
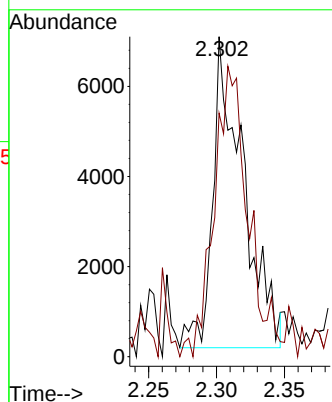
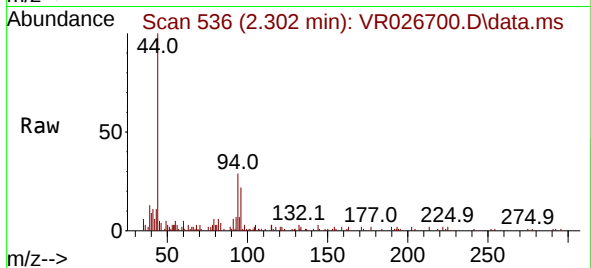




#5
Bromomethane
Concen: 3.852 ug/l
RT: 2.302 min Scan# 51
Delta R.T. -0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

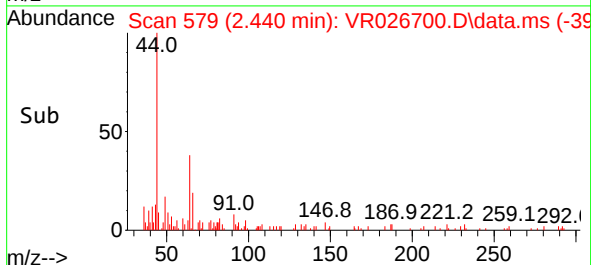
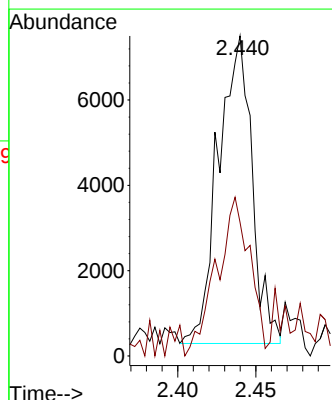
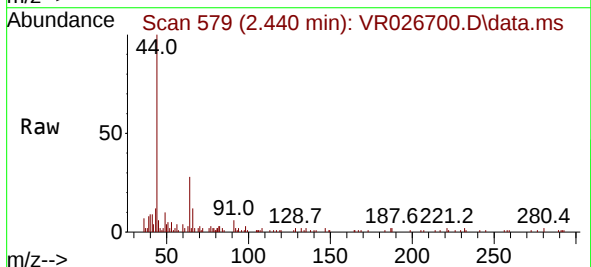
Instrument :
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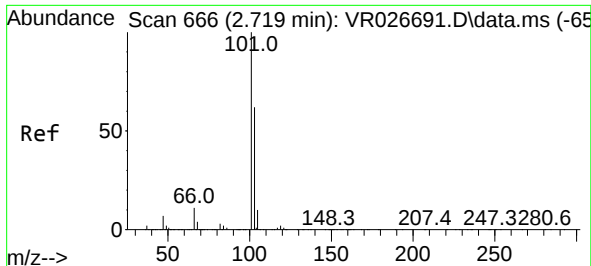
Tgt Ion: 94 Resp: 10746
Ion Ratio Lower Upper
94 100
96 78.3 73.3 109.9



#6
Chloroethane
Concen: 2.929 ug/l
RT: 2.440 min Scan# 579
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 64 Resp: 10799
Ion Ratio Lower Upper
64 100
66 35.2 24.3 36.5

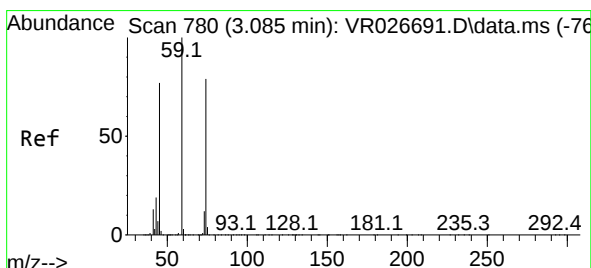
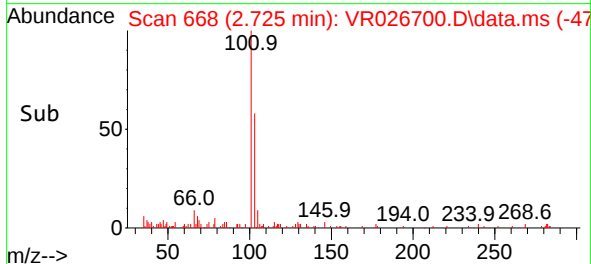
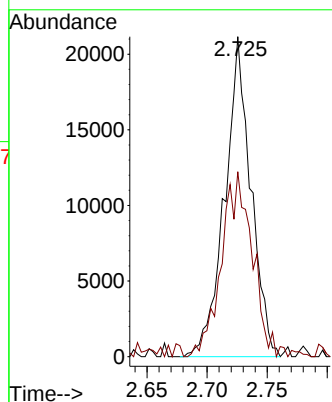
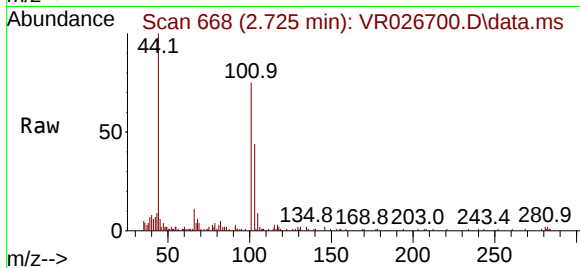




#7
 Trichlorofluoromethane
 Concen: 3.106 ug/l
 RT: 2.725 min Scan# 666
 Delta R.T. 0.007 min
 Lab File: VR026700.D
 Acq: 4 Aug 2025 16:47

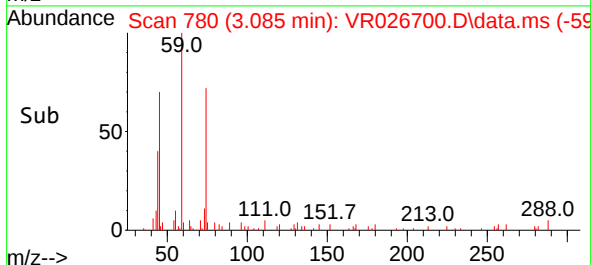
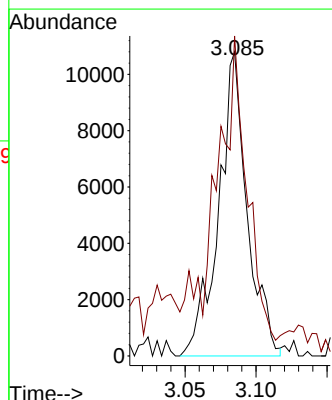
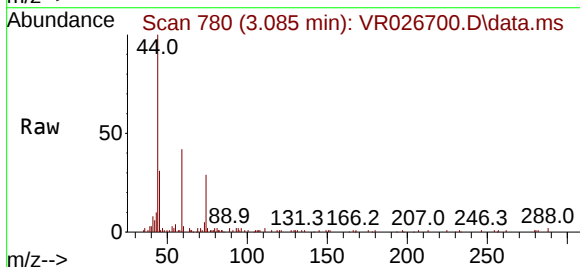
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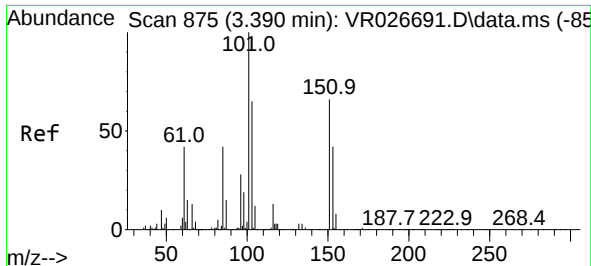
Tgt Ion:101 Resp: 32052
 Ion Ratio Lower Upper
 101 100
 103 54.6 49.4 74.2



#8
 Diethyl Ether
 Concen: 3.314 ug/l
 RT: 3.085 min Scan# 780
 Delta R.T. 0.000 min
 Lab File: VR026700.D
 Acq: 4 Aug 2025 16:47

Tgt Ion: 74 Resp: 15176
 Ion Ratio Lower Upper
 74 100
 45 97.5 47.1 141.3

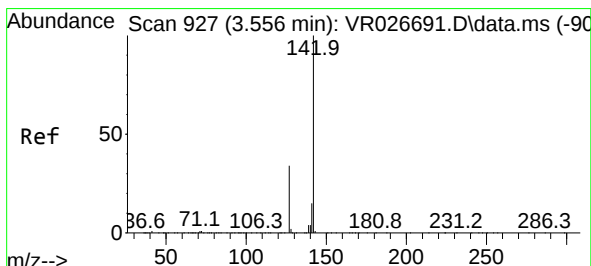
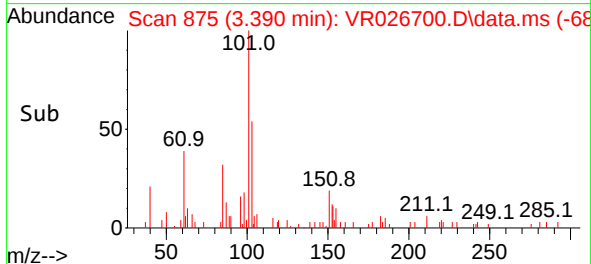
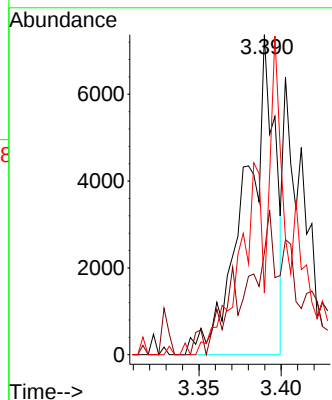
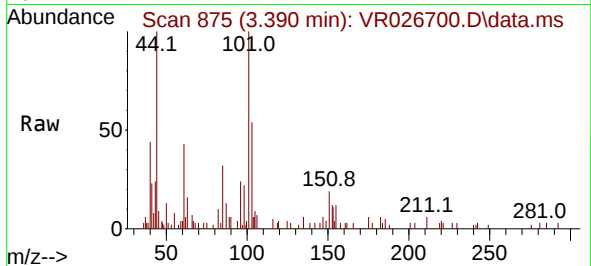




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.671 ug/l
RT: 3.390 min Scan# 875
Delta R.T. 0.000 min
Lab File: VR026700.D
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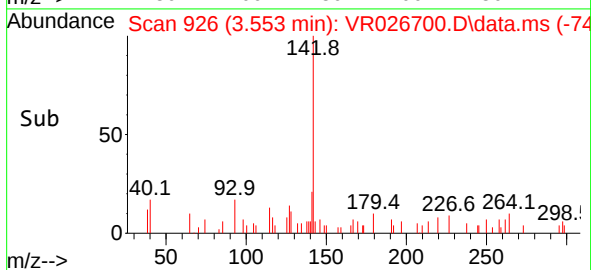
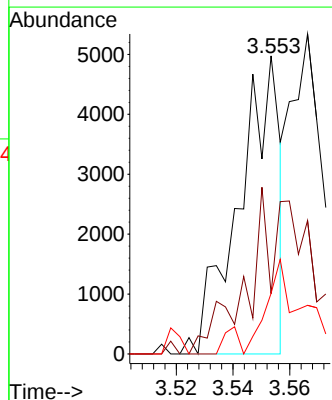
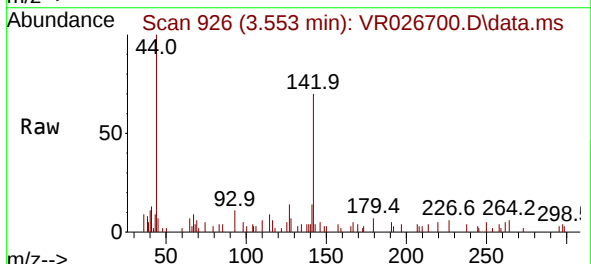
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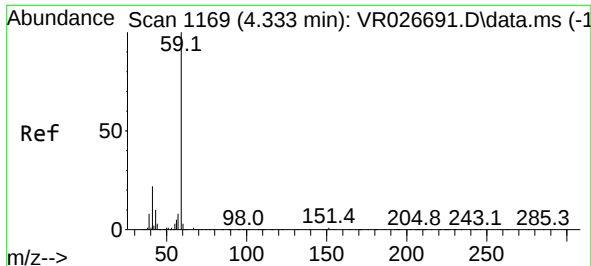
Tgt Ion:101 Resp: 9305
Ion Ratio Lower Upper
101 100
85 32.7 34.5 51.7#
151 28.6 53.4 80.0#



#10
Methyl Iodide
Concen: 0.921 ug/l
RT: 3.553 min Scan# 926
Delta R.T. -0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion:142 Resp: 4946
Ion Ratio Lower Upper
142 100
127 54.2 30.1 45.1#
141 30.3 10.8 16.2#

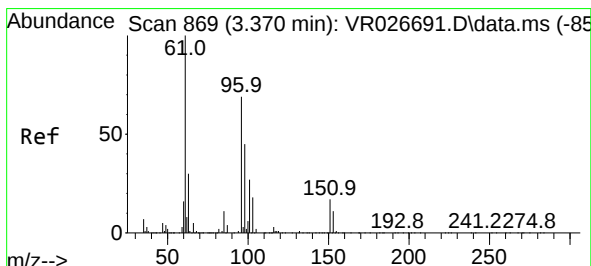
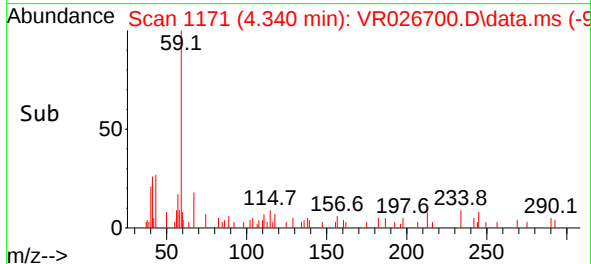
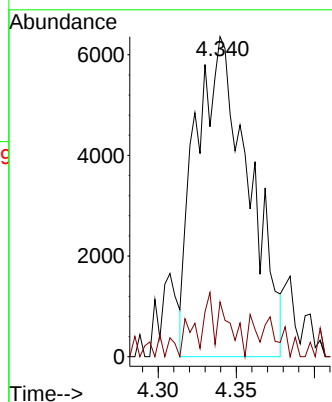
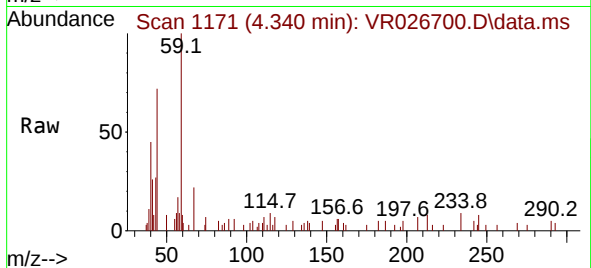




#11
Tert butyl alcohol
Concen: 14.617 ug/l
RT: 4.340 min Scan# 1169
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

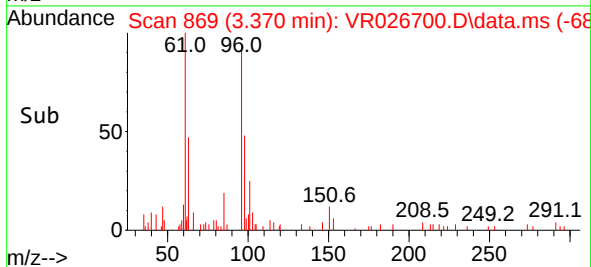
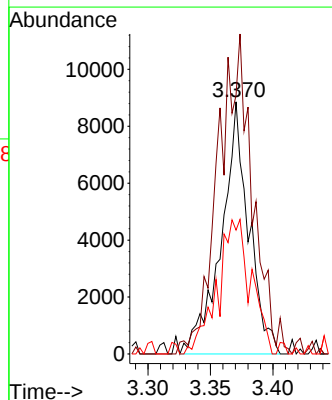
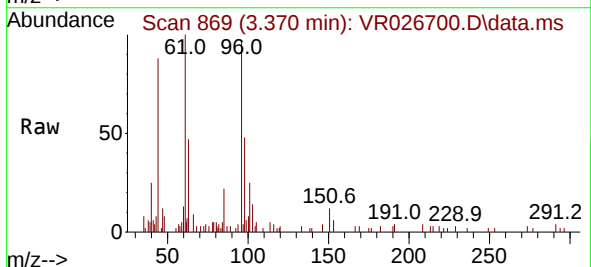
Instrument :
MSVOA_R
ClientSampleId :
MDL02

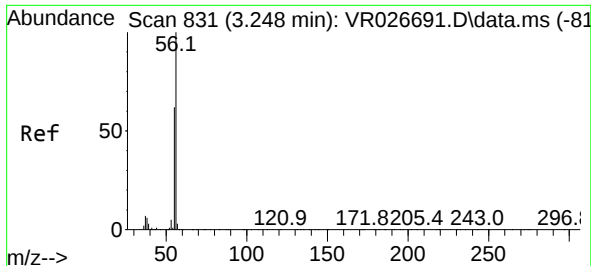
Tgt Ion: 59 Resp: 14970
Ion Ratio Lower Upper
59 100
57 2.5 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 2.464 ug/l
RT: 3.370 min Scan# 869
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 96 Resp: 13558
Ion Ratio Lower Upper
96 100
61 97.9 116.2 174.4#
98 49.1 52.3 78.5#

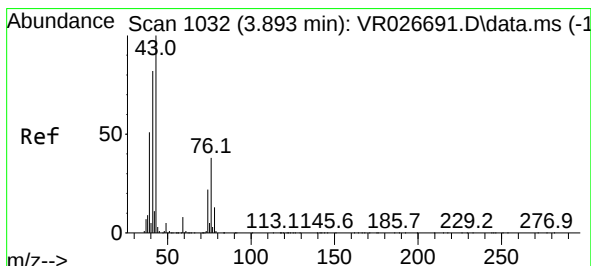
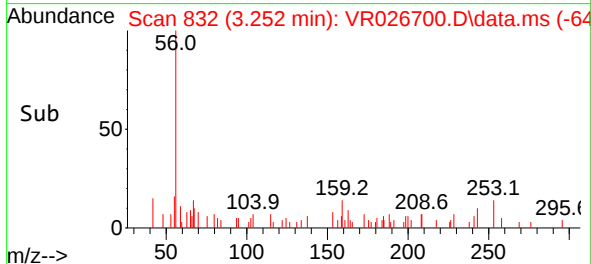
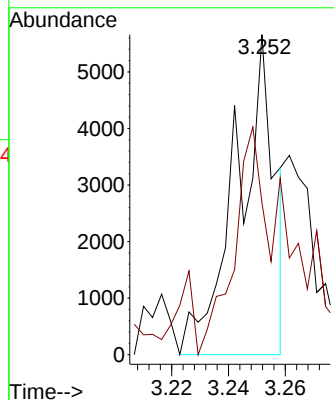
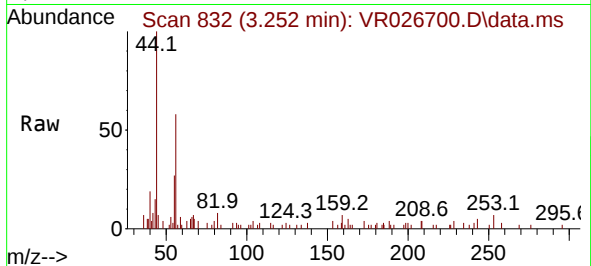




#13
Acrolein
Concen: 3.487 ug/l
RT: 3.252 min Scan# 831
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

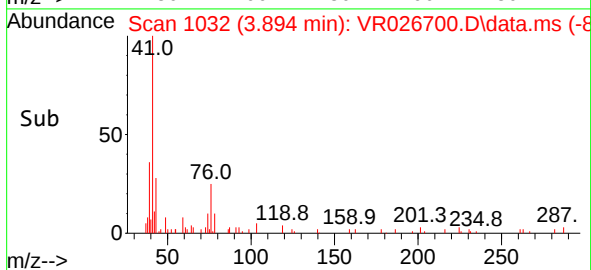
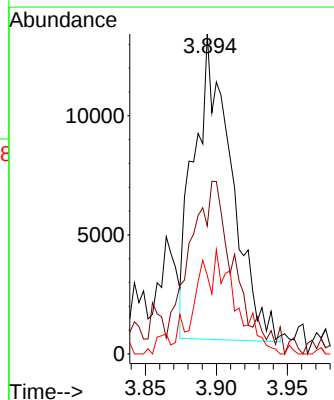
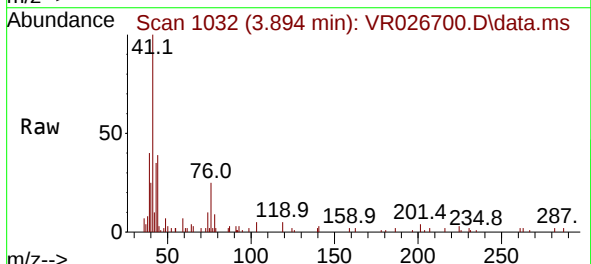
Instrument :
MSVOA_R
ClientSampleId :
MDL02

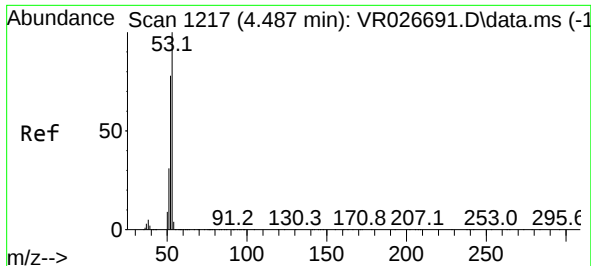
Tgt Ion: 56 Resp: 5220
Ion Ratio Lower Upper
56 100
55 58.4 53.8 80.8



#14
Allyl chloride
Concen: 2.162 ug/l
RT: 3.894 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 41 Resp: 23405
Ion Ratio Lower Upper
41 100
39 58.7 44.2 66.2
76 12.7 31.0 46.4#

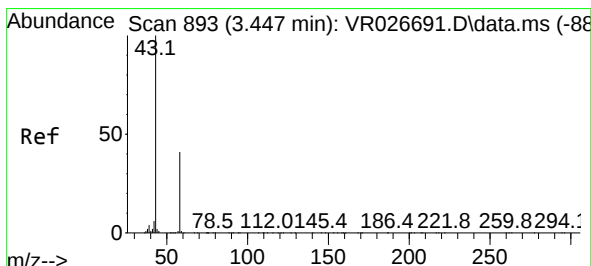
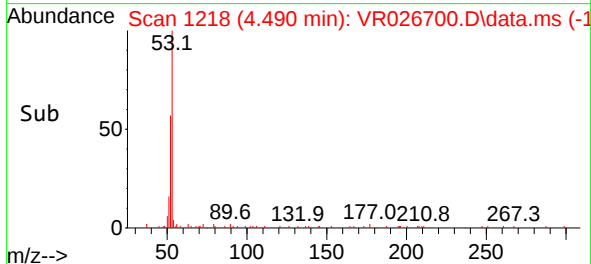
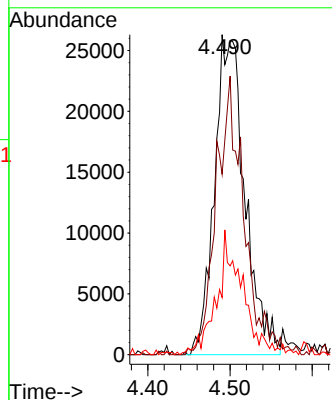
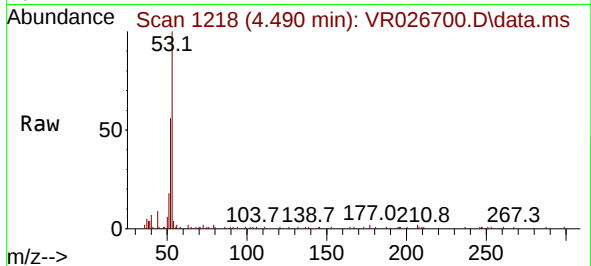




#15
Acrylonitrile
Concen: 16.637 ug/l
RT: 4.490 min Scan# 11
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

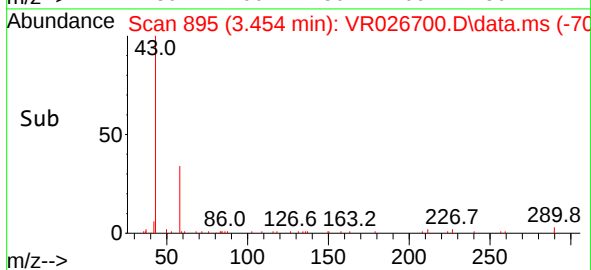
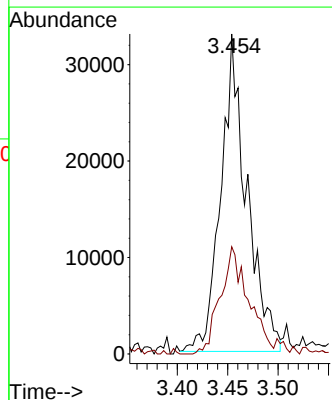
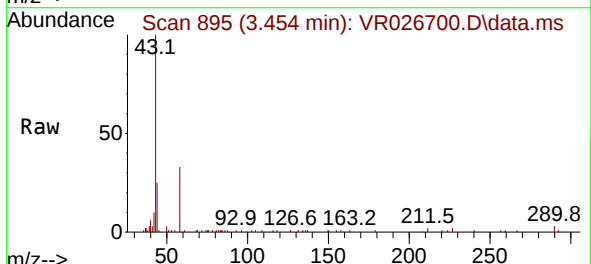
Instrument :
MSVOA_R
ClientSampleId :
MDL02

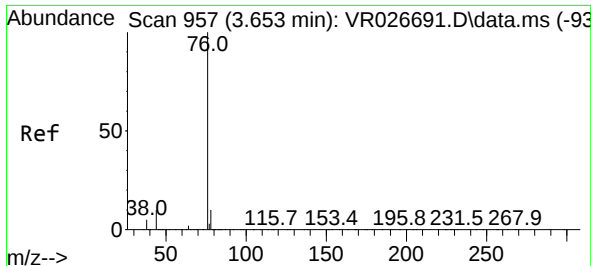
Tgt Ion: 53 Resp: 67637
Ion Ratio Lower Upper
53 100
52 74.7 61.4 92.2
51 30.4 25.8 38.6



#16
Acetone
Concen: 19.202 ug/l
RT: 3.454 min Scan# 895
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 43 Resp: 58991
Ion Ratio Lower Upper
43 100
58 33.8 32.9 49.3

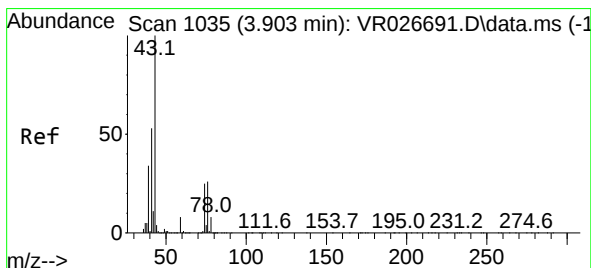
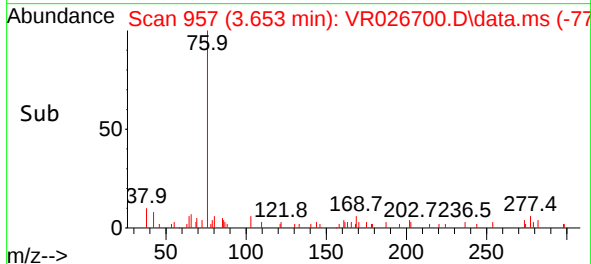
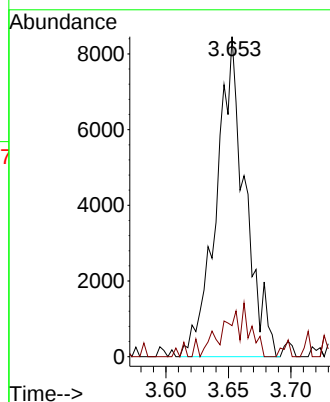
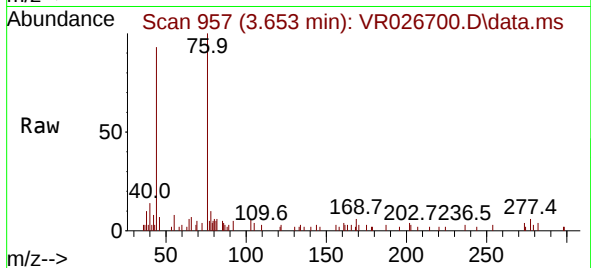




#17
Carbon Disulfide
Concen: 1.669 ug/l
RT: 3.653 min Scan# 91
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

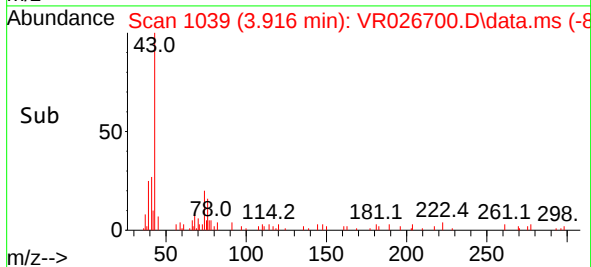
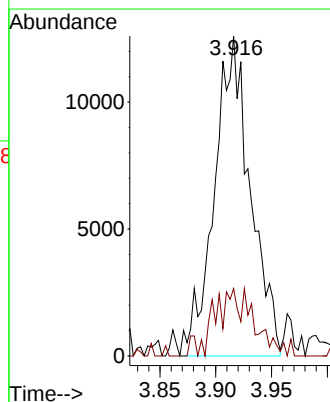
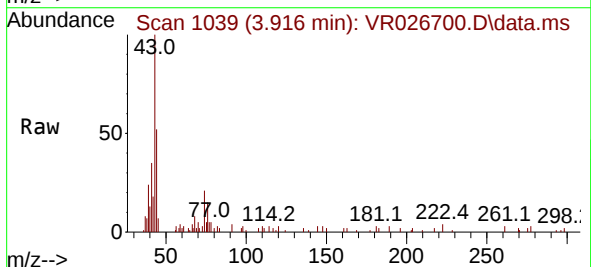
Instrument :
MSVOA_R
ClientSampleId :
MDL02

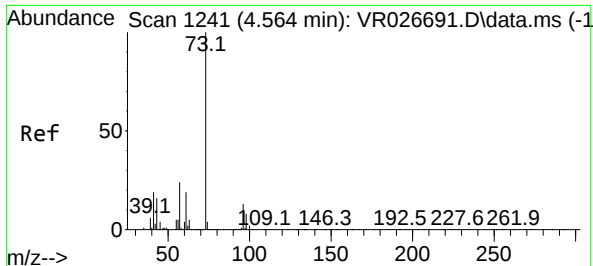
Tgt Ion: 76 Resp: 13589
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.6



#18
Methyl Acetate
Concen: 2.211 ug/l
RT: 3.916 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 43 Resp: 28344
Ion Ratio Lower Upper
43 100
74 4.9 19.4 29.0#





#19

Methyl tert-butyl Ether

Concen: 1.479 ug/l

RT: 4.574 min Scan# 11

Delta R.T. 0.010 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

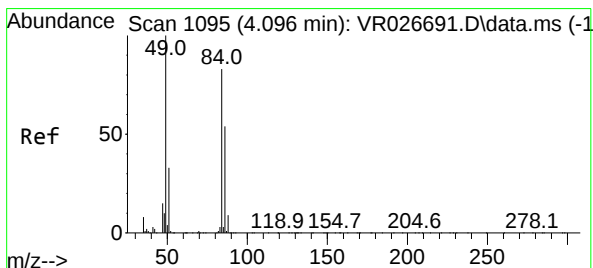
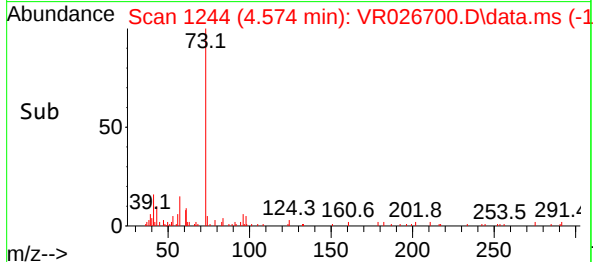
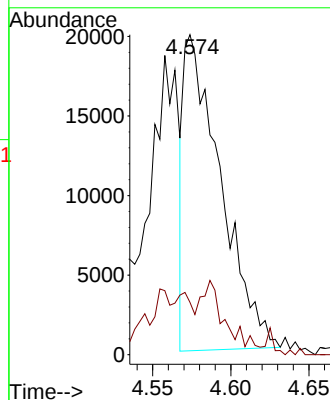
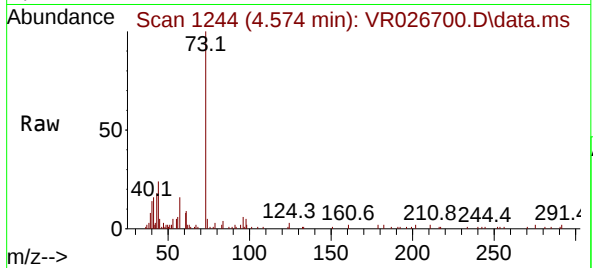
MDL02

Tgt Ion: 73 Resp: 32568

Ion Ratio Lower Upper

73 100

57 15.4 19.4 29.0#



#20

Methylene Chloride

Concen: 2.807 ug/l

RT: 4.096 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Tgt Ion: 84 Resp: 20466

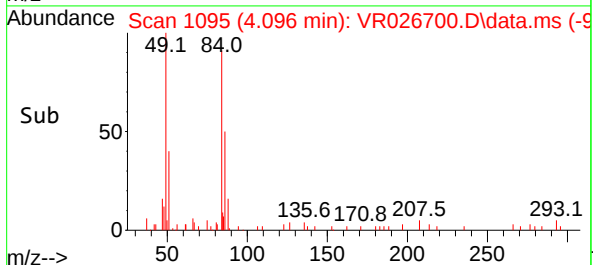
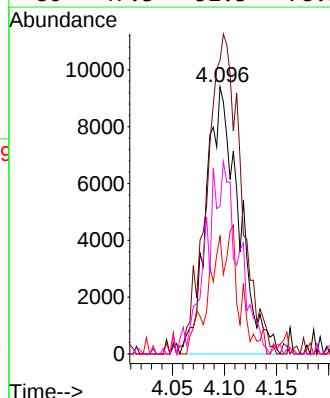
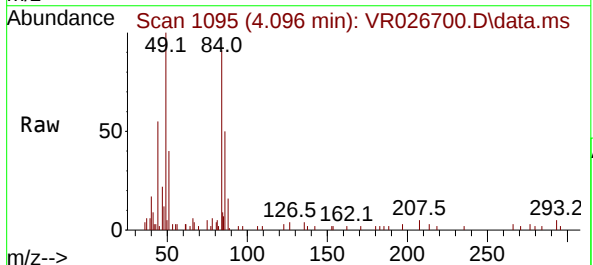
Ion Ratio Lower Upper

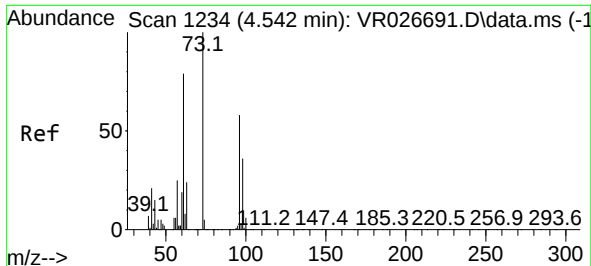
84 100

49 100.2 96.2 144.4

51 40.1 31.8 47.6

86 47.3 52.3 78.5#

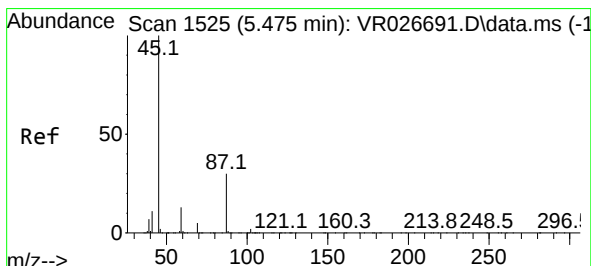
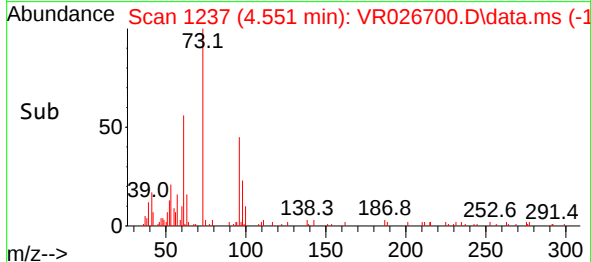
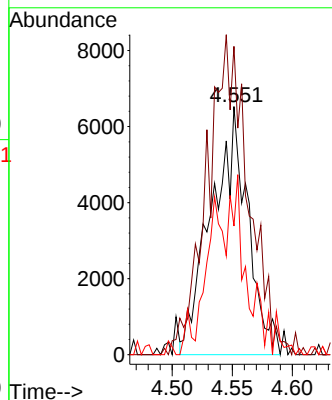
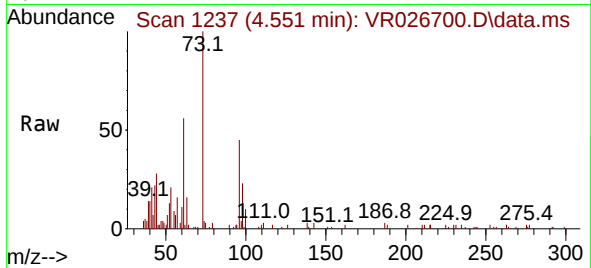




#21
trans-1,2-Dichloroethene
Concen: 2.286 ug/l
RT: 4.551 min Scan# 1237
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

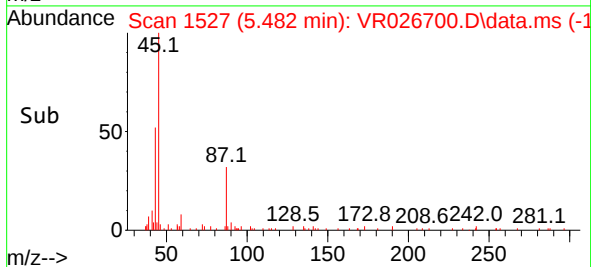
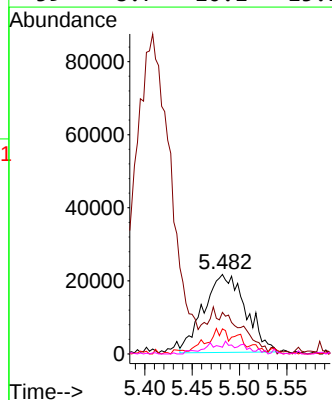
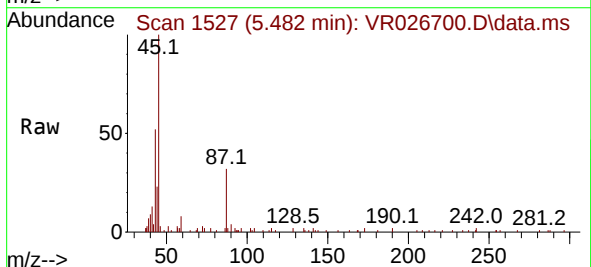
Instrument : MSVOA_R
ClientSampleId : MDL02

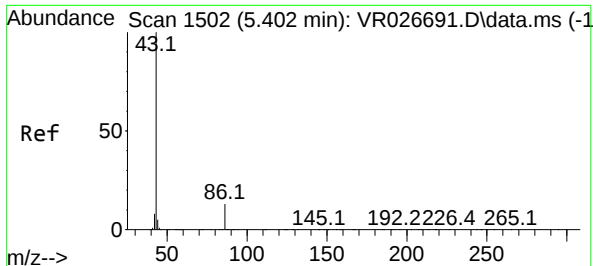
Tgt Ion: 96 Resp: 13823
Ion Ratio Lower Upper
96 100
61 119.0 110.3 165.5
98 51.8 50.2 75.4



#22
Diisopropyl ether
Concen: 2.607 ug/l
RT: 5.482 min Scan# 1527
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 45 Resp: 66111
Ion Ratio Lower Upper
45 100
43 49.8 38.2 57.2
87 30.2 24.0 36.0
59 8.7 10.1 15.1#

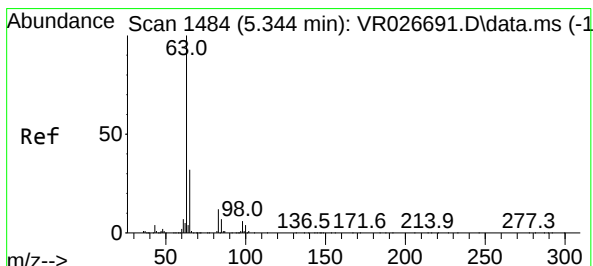
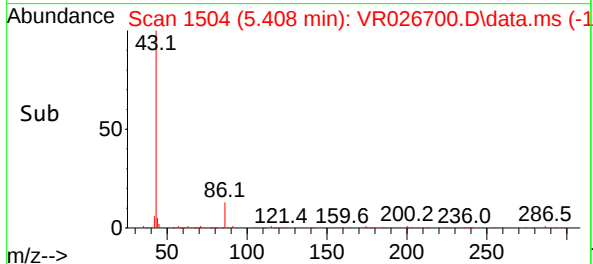
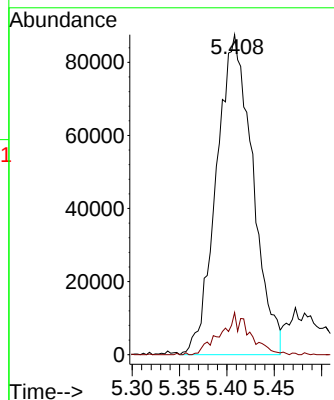
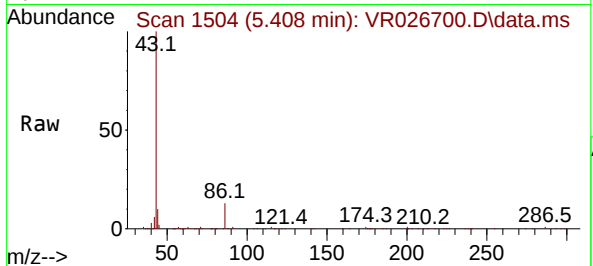




#23
 Vinyl Acetate
 Concen: 16.143 ug/l
 RT: 5.408 min Scan# 1504
 Delta R.T. 0.007 min
 Lab File: VR026700.D
 Acq: 4 Aug 2025 16:47

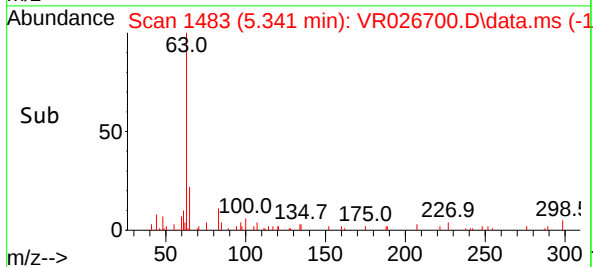
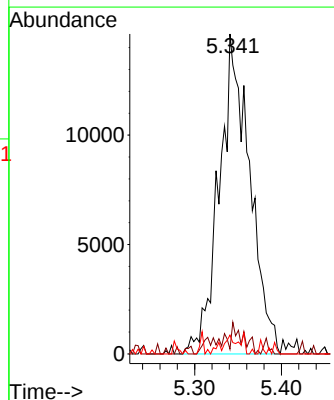
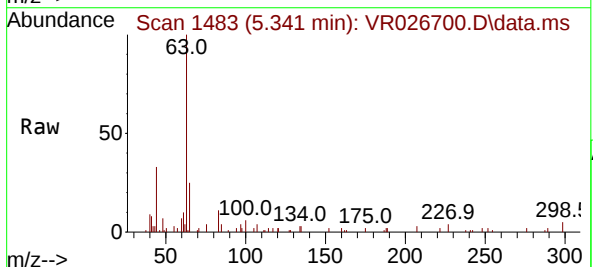
Instrument :
 MSVOA_R
 ClientSampleId :
 MDL02

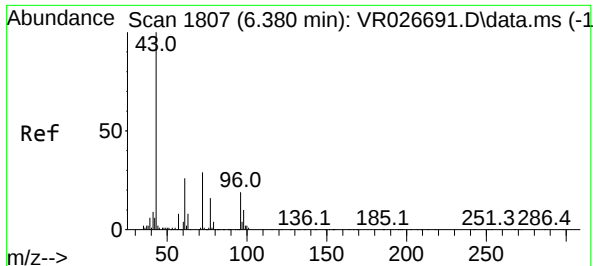
Tgt Ion: 43 Resp: 233446
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 2.778 ug/l
 RT: 5.341 min Scan# 1483
 Delta R.T. -0.003 min
 Lab File: VR026700.D
 Acq: 4 Aug 2025 16:47

Tgt Ion: 63 Resp: 35684
 Ion Ratio Lower Upper
 63 100
 98 1.5 2.9 8.8#
 100 5.9 1.8 5.4#





#25

2-Butanone

Concen: 17.147 ug/l

RT: 6.393 min Scan# 1811

Delta R.T. 0.013 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

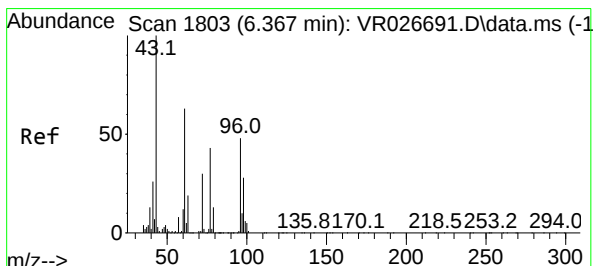
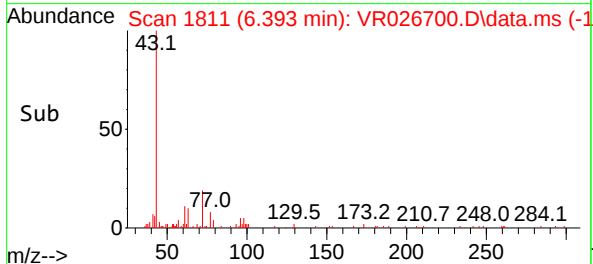
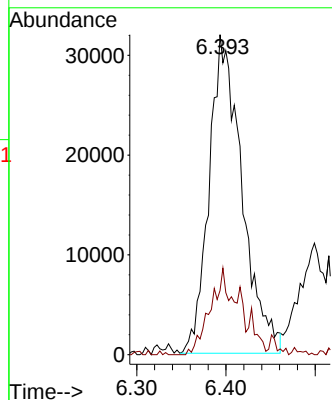
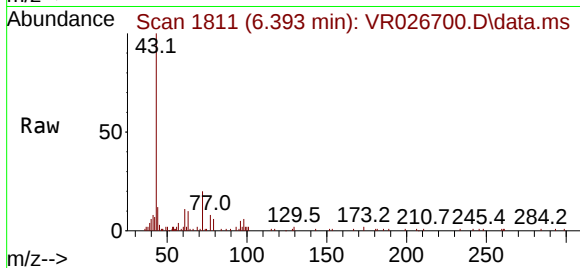
MDL02

Tgt Ion: 43 Resp: 81537

Ion Ratio Lower Upper

43 100

72 20.1 23.1 34.7#



#27

cis-1,2-Dichloroethene

Concen: 2.508 ug/l

RT: 6.368 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

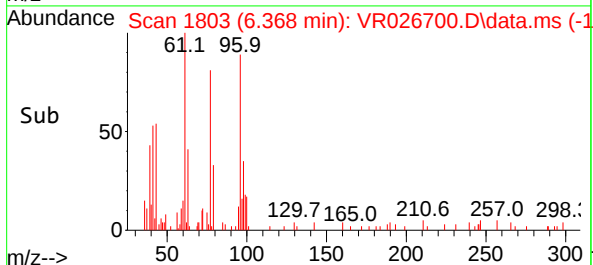
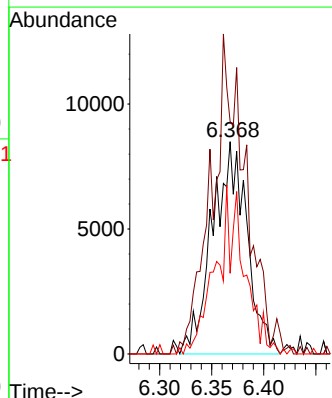
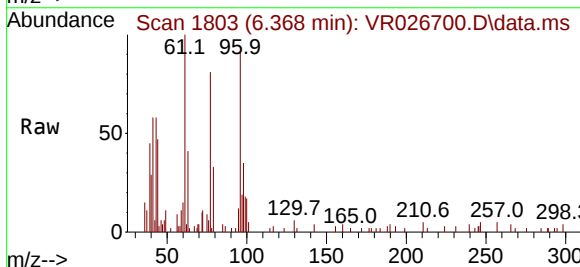
Tgt Ion: 96 Resp: 19513

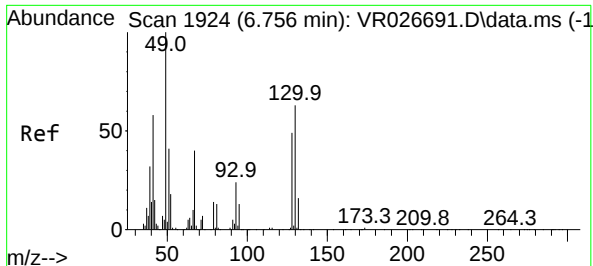
Ion Ratio Lower Upper

96 100

61 110.1 0.0 279.8

98 33.7 0.0 125.2





#28

Bromochloromethane

Concen: 3.709 ug/l

RT: 6.759 min Scan# 1924

Delta R.T. 0.003 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

MDL02

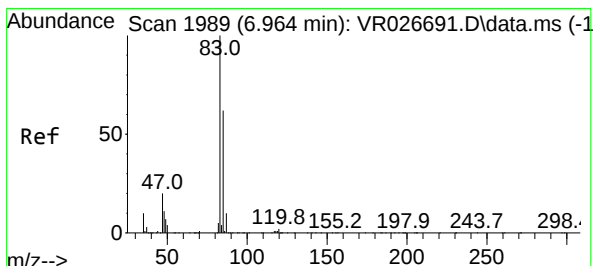
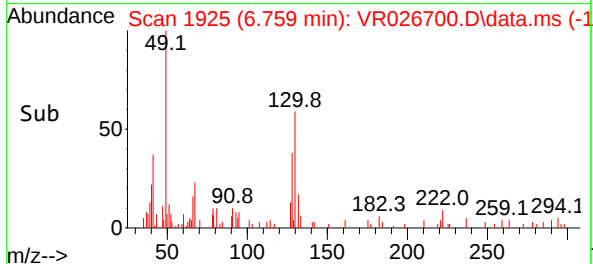
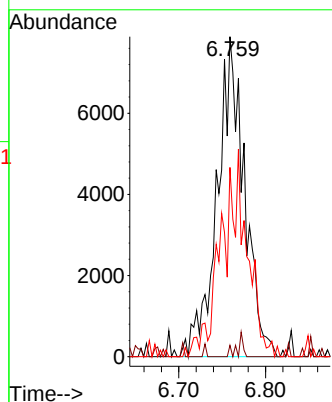
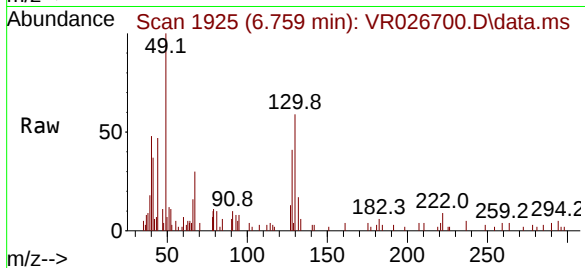
Tgt Ion: 49 Resp: 17166

Ion Ratio Lower Upper

49 100

129 0.3 0.0 3.4

130 34.5 52.2 78.4#



#29

Chloroform

Concen: 2.625 ug/l

RT: 6.980 min Scan# 1994

Delta R.T. 0.016 min

Lab File: VR026700.D

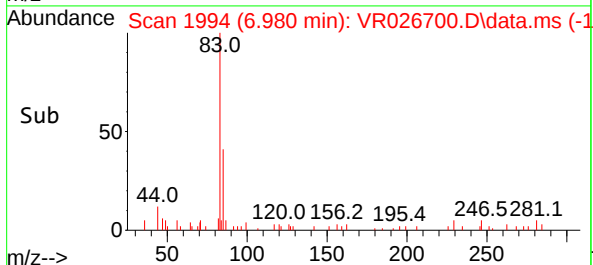
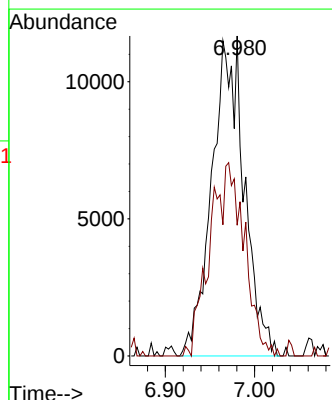
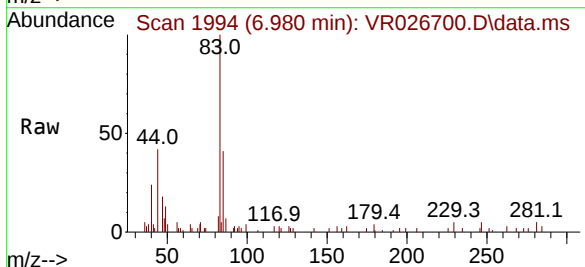
Acq: 4 Aug 2025 16:47

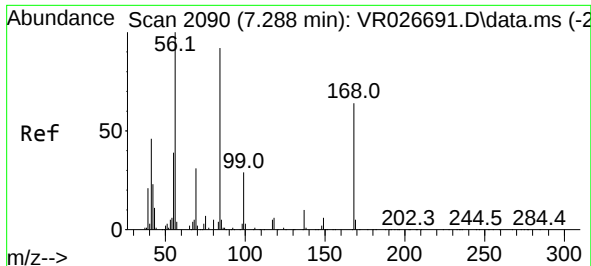
Tgt Ion: 83 Resp: 29209

Ion Ratio Lower Upper

83 100

85 40.9 49.6 74.4#

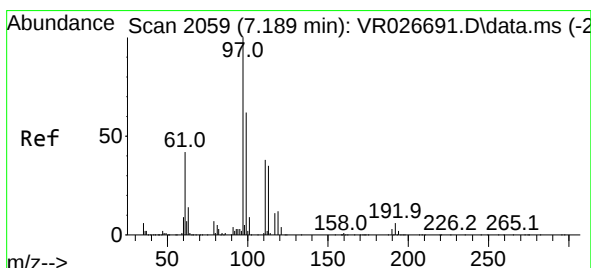
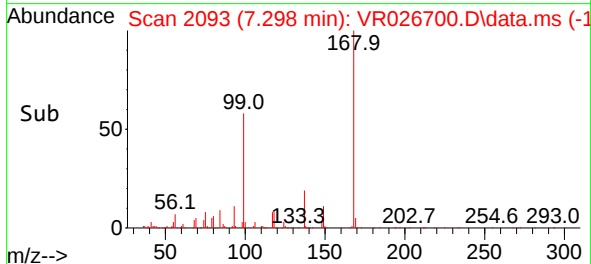
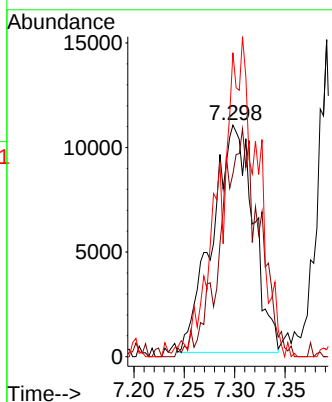
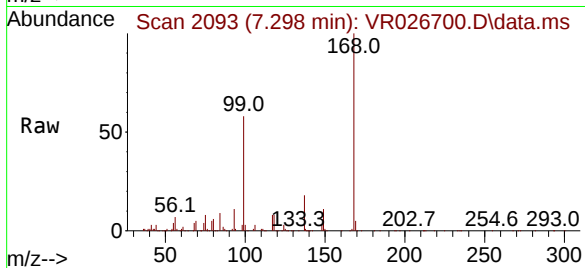




#30
Cyclohexane
Concen: 2.996 ug/l
RT: 7.298 min Scan# 2090
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

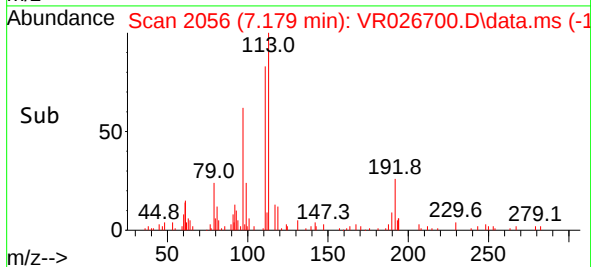
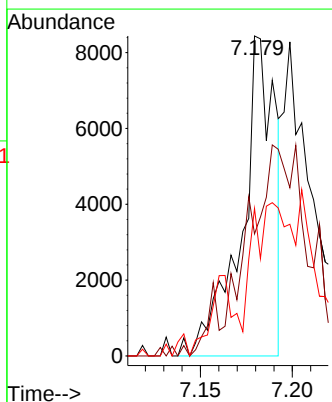
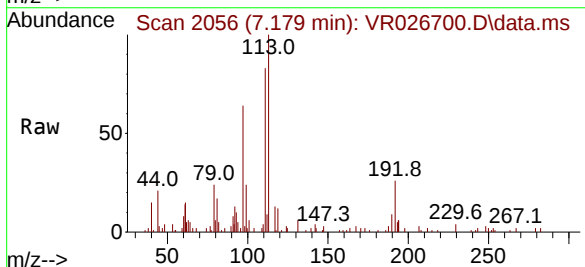
Instrument :
MSVOA_R
ClientSampleId :
MDL02

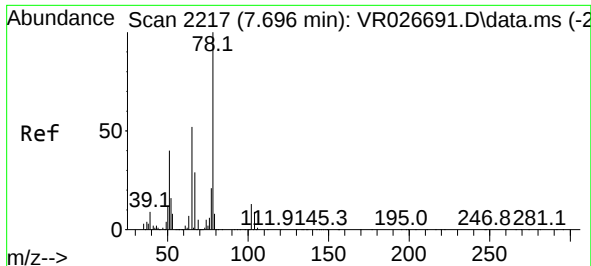
Tgt Ion: 56 Resp: 31077
Ion Ratio Lower Upper
56 100
69 76.6 24.8 37.2#
84 129.5 73.1 109.7#



#31
1,1,1-Trichloroethane
Concen: 1.327 ug/l
RT: 7.179 min Scan# 2056
Delta R.T. -0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 97 Resp: 10669
Ion Ratio Lower Upper
97 100
99 101.4 51.0 76.6#
61 45.0 36.3 54.5





#32

1,2-Dichloroethane-d4

Concen: 54.932 ug/l

RT: 7.699 min Scan# 21

Delta R.T. 0.003 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

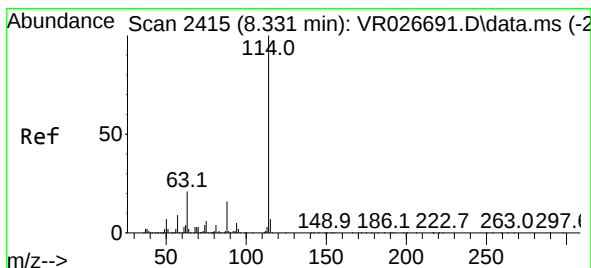
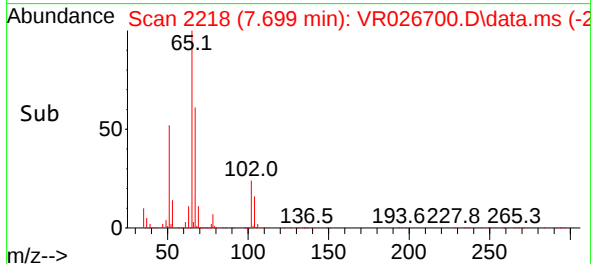
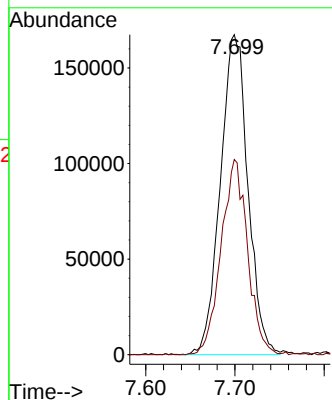
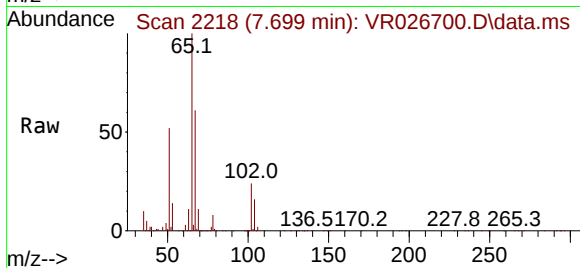
MDL02

Tgt Ion: 65 Resp: 359569

Ion Ratio Lower Upper

65 100

67 58.4 0.0 118.4



#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.338 min Scan# 2417

Delta R.T. 0.007 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

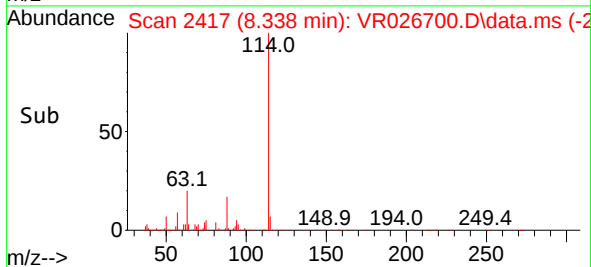
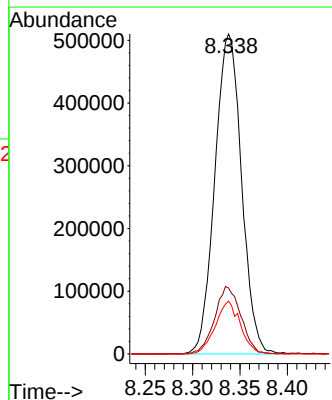
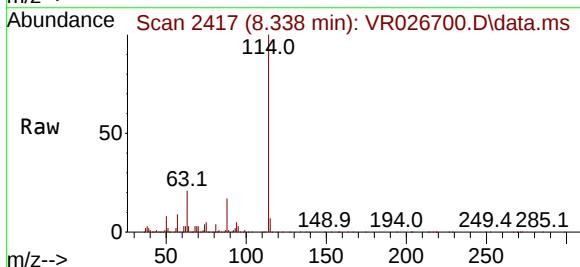
Tgt Ion: 114 Resp: 999127

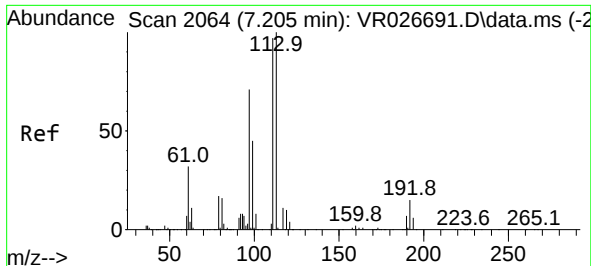
Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.6

88 16.5 0.0 32.6

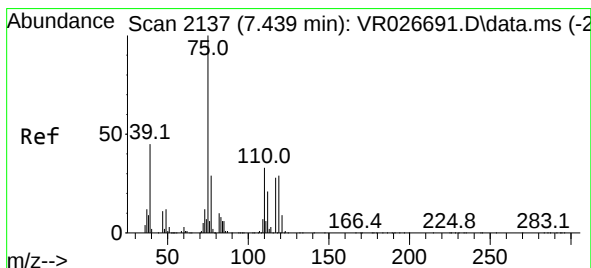
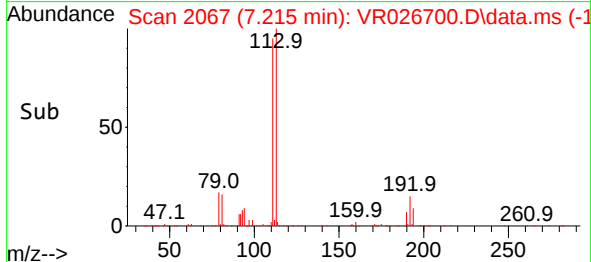
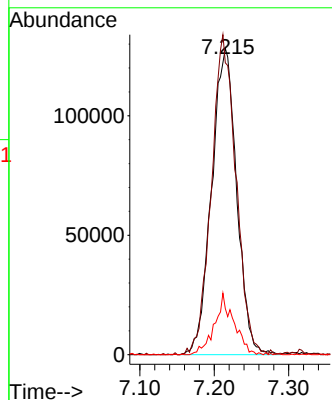
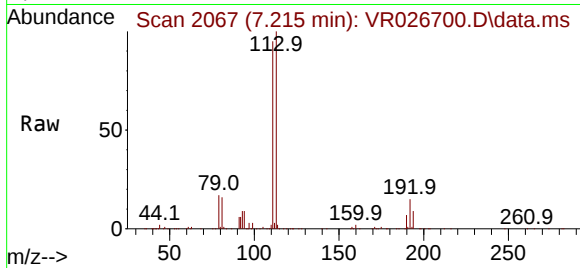




#34
Dibromofluoromethane
Concen: 48.700 ug/l
RT: 7.215 min Scan# 2067
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

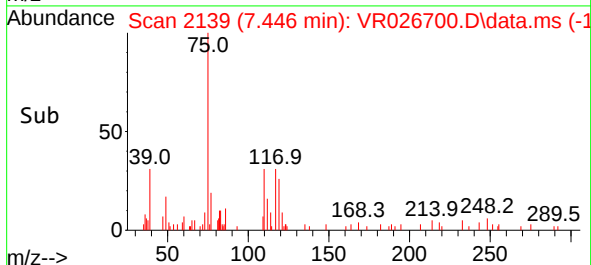
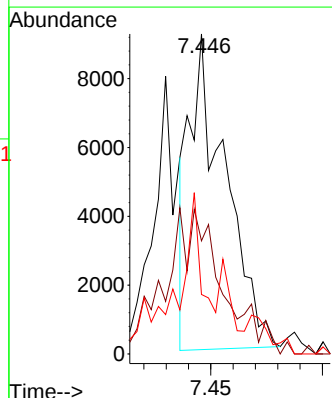
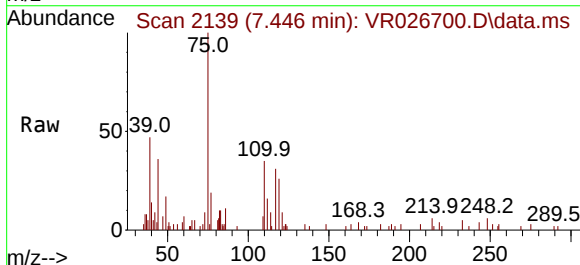
Instrument :
MSVOA_R
ClientSampleId :
MDL02

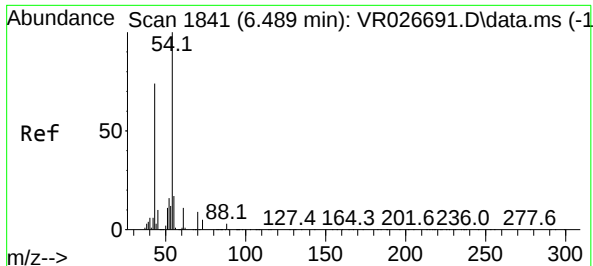
Tgt Ion:113 Resp: 300951
Ion Ratio Lower Upper
113 100
111 102.1 81.7 122.5
192 15.4 12.3 18.5



#35
1,1-Dichloropropene
Concen: 1.315 ug/l
RT: 7.446 min Scan# 2139
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 75 Resp: 10248
Ion Ratio Lower Upper
75 100
110 25.9 17.0 50.9
77 28.0 24.6 37.0

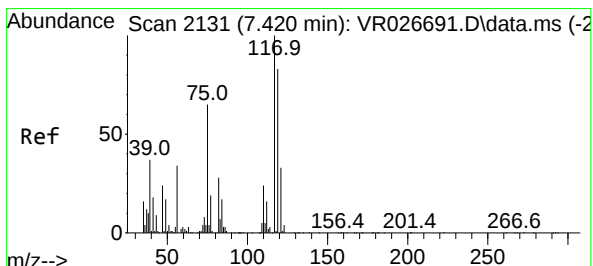
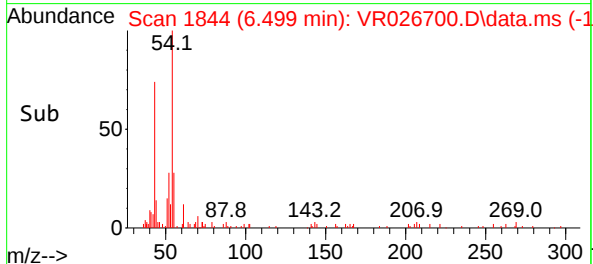
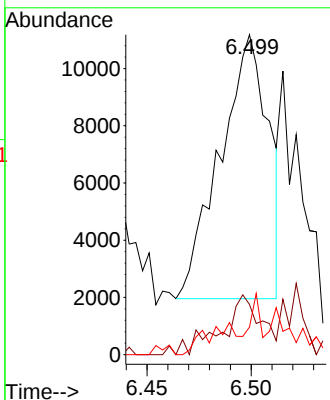
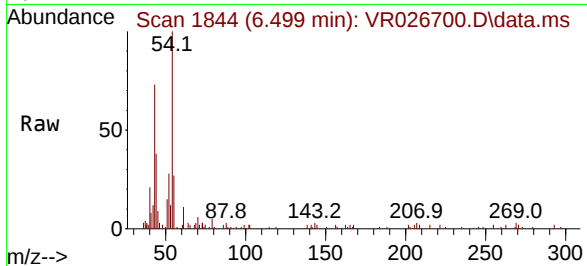




#36
Ethyl Acetate
Concen: 1.590 ug/l
RT: 6.499 min Scan# 1844
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

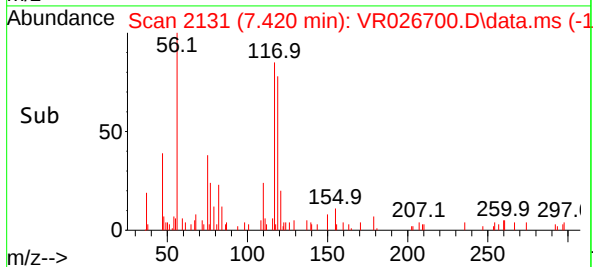
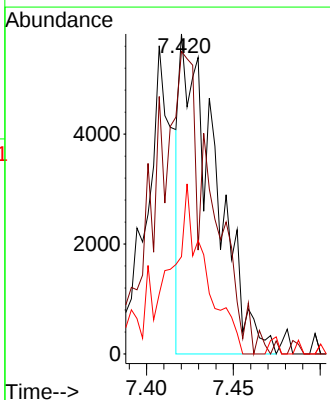
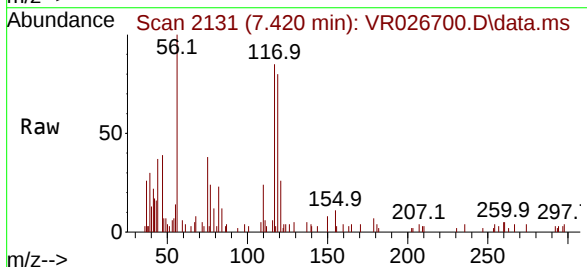
Instrument :
MSVOA_R
ClientSampleId :
MDL02

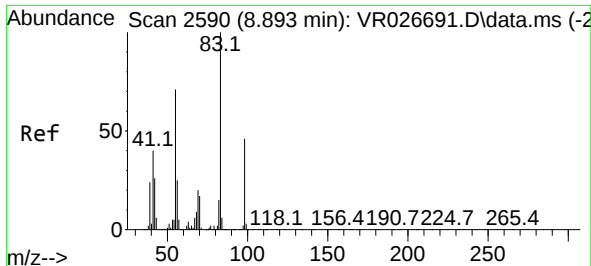
Tgt Ion: 43 Resp: 14842
Ion Ratio Lower Upper
43 100
61 18.8 12.0 18.0#
70 5.8 9.0 13.6#



#37
Carbon Tetrachloride
Concen: 1.312 ug/l
RT: 7.420 min Scan# 2131
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 117 Resp: 8333
Ion Ratio Lower Upper
117 100
119 90.4 67.0 100.4
121 25.1 26.3 39.5#

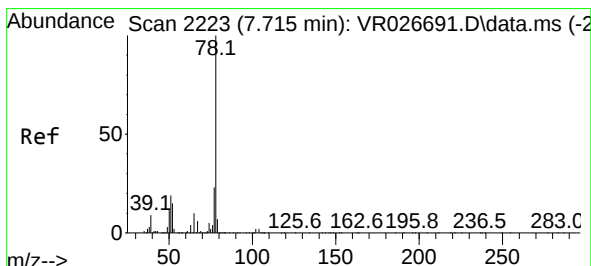
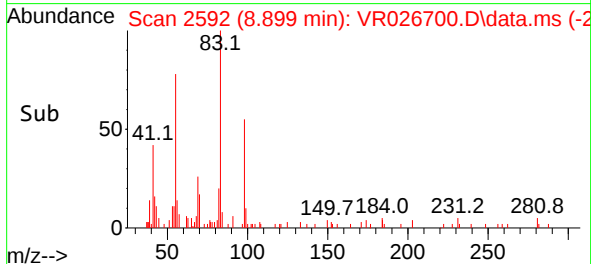
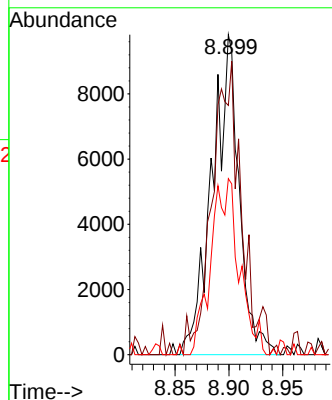
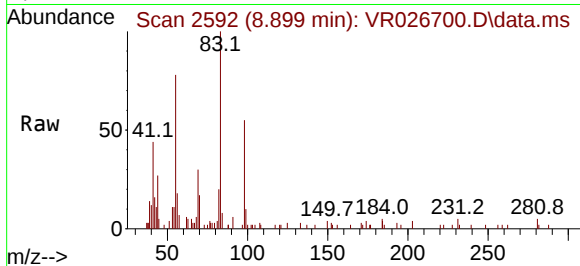




#38
Methylcyclohexane
Concen: 1.910 ug/l
RT: 8.899 min Scan# 21
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

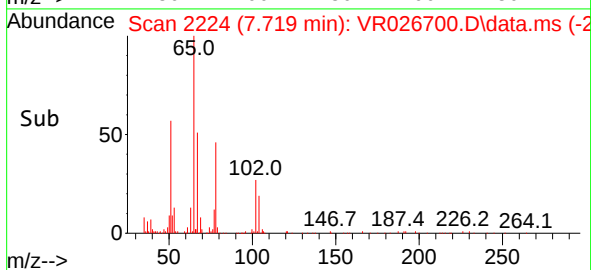
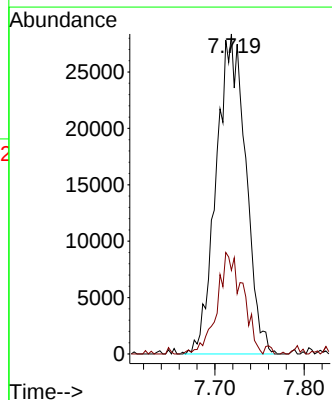
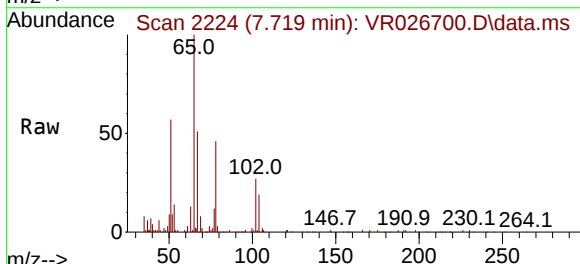
Instrument :
MSVOA_R
ClientSampleId :
MDL02

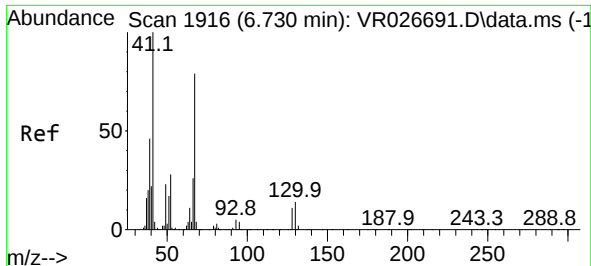
Tgt Ion	83	Resp	17045
Ion Ratio	100		
Lower	56.7		
Upper	85.1		
55	77.9		
98	51.9		



#39
Benzene
Concen: 2.318 ug/l
RT: 7.719 min Scan# 2224
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion	78	Resp	65064
Ion Ratio	100		
Lower	18.8		
Upper	28.2		
77	26.1		





#40

Methacrylonitrile

Concen: 0.283 ug/l

RT: 6.737 min Scan# 1916

Delta R.T. 0.007 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

MDL02

Tgt Ion: 41 Resp: 1644

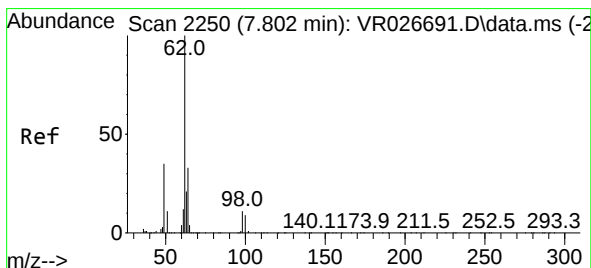
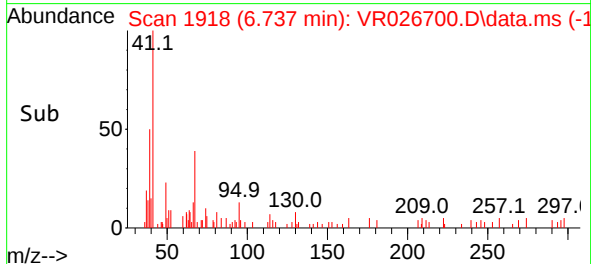
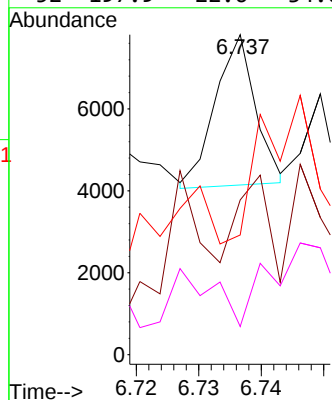
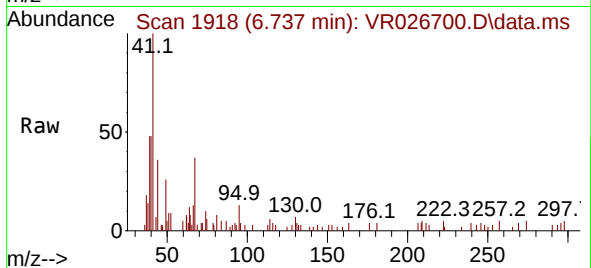
Ion Ratio Lower Upper

41 100

39 55.7 42.4 63.6

67 525.4 65.6 98.4#

52 197.9 22.6 34.0#



#41

1,2-Dichloroethane

Concen: 2.583 ug/l

RT: 7.808 min Scan# 2252

Delta R.T. 0.007 min

Lab File: VR026700.D

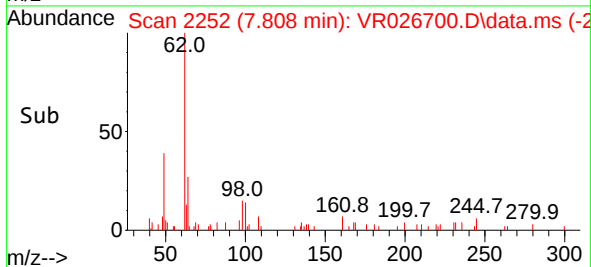
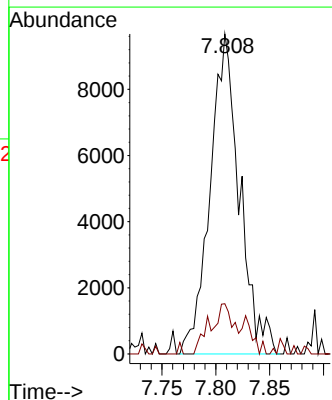
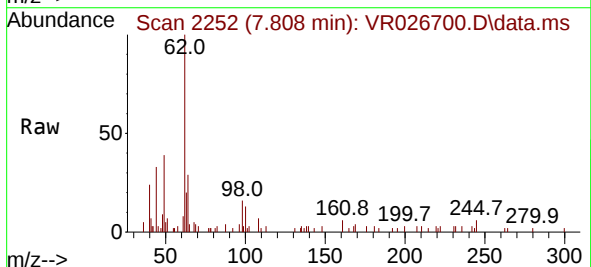
Acq: 4 Aug 2025 16:47

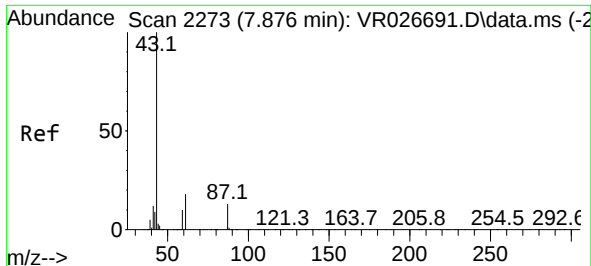
Tgt Ion: 62 Resp: 18447

Ion Ratio Lower Upper

62 100

98 7.9 0.0 22.2

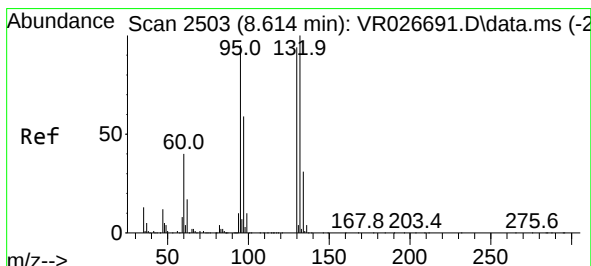
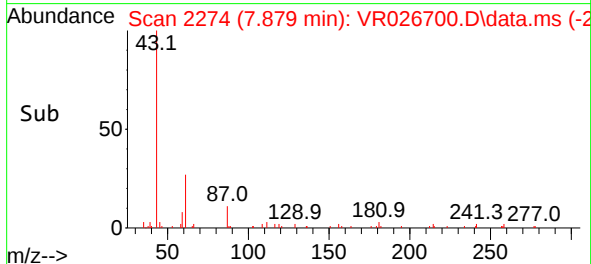
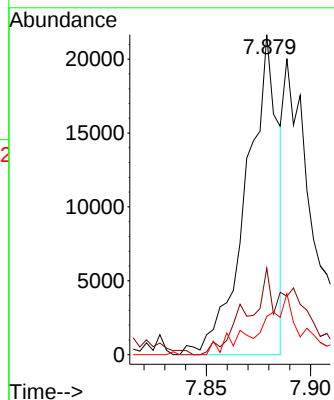
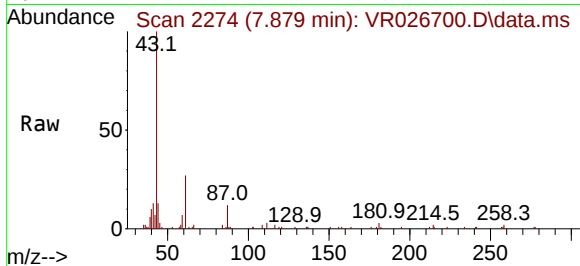




#42
Isopropyl Acetate
Concen: 1.533 ug/l
RT: 7.879 min Scan# 21
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

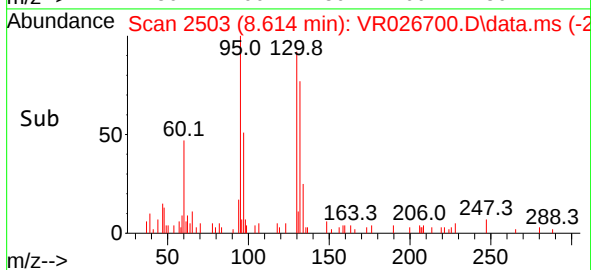
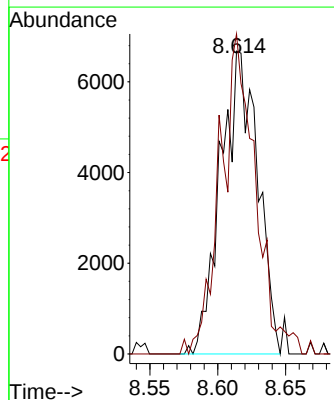
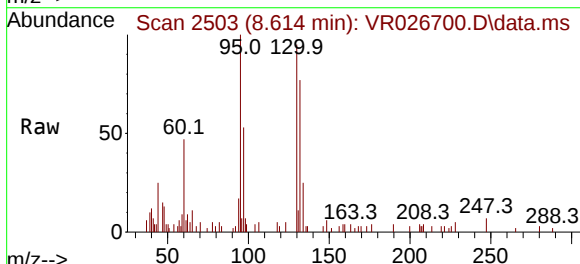
Instrument :
MSVOA_R
ClientSampleId :
MDL02

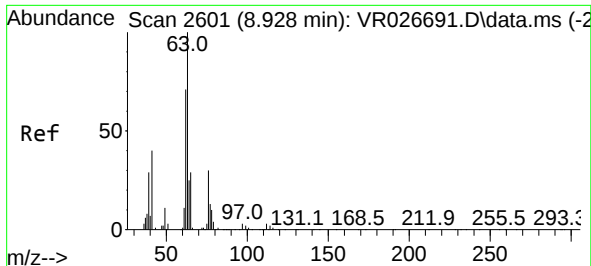
Tgt Ion: 43 Resp: 23002
Ion Ratio Lower Upper
43 100
61 3.7 17.9 26.9#
87 25.5 10.8 16.2#



#43
Trichloroethene
Concen: 2.343 ug/l
RT: 8.614 min Scan# 2503
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion:130 Resp: 12648
Ion Ratio Lower Upper
130 100
95 105.6 0.0 200.6

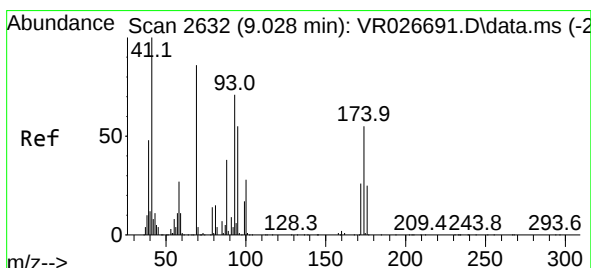
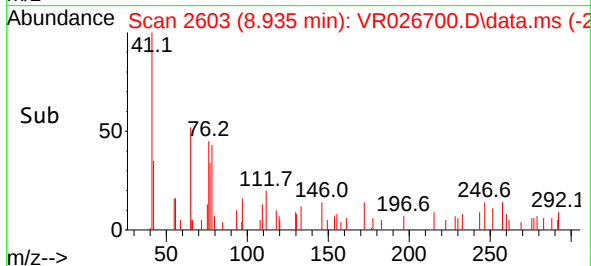
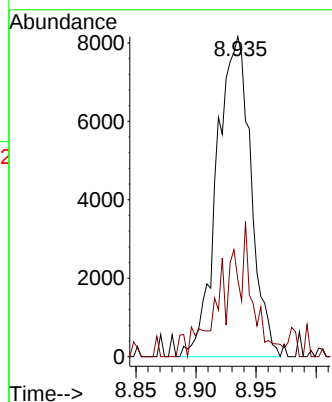
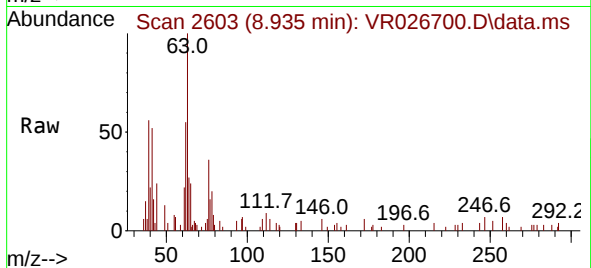




#44
1,2-Dichloropropane
Concen: 2.413 ug/l
RT: 8.935 min Scan# 2603
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

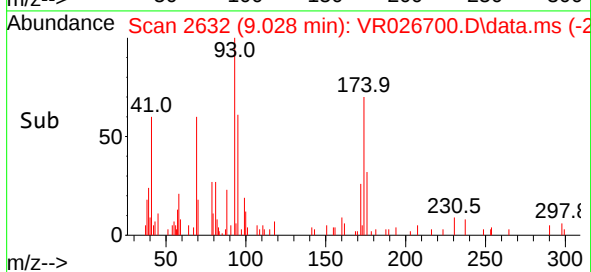
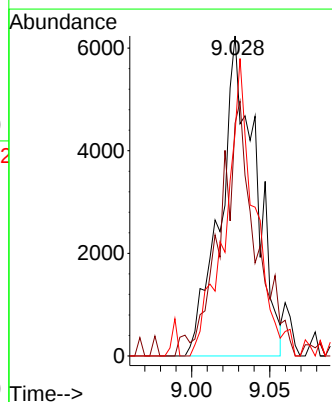
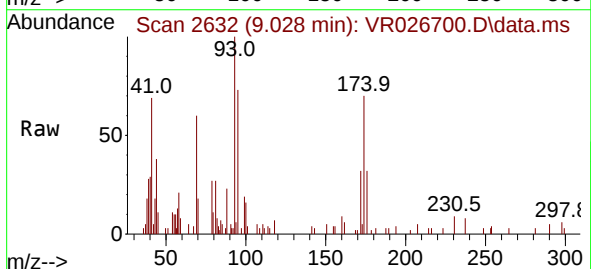
Instrument :
MSVOA_R
ClientSampleId :
MDL02

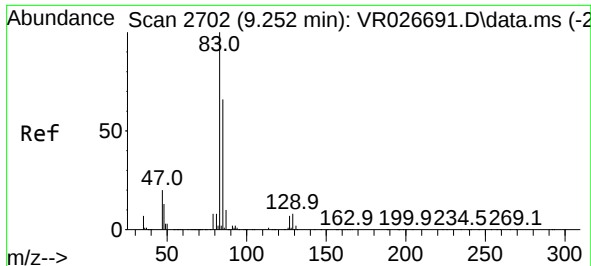
Tgt Ion: 63 Resp: 16034
Ion Ratio Lower Upper
63 100
65 20.3 23.8 35.8#



#45
Dibromomethane
Concen: 2.638 ug/l
RT: 9.028 min Scan# 2632
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 93 Resp: 9746
Ion Ratio Lower Upper
93 100
95 81.1 69.4 104.0
174 78.3 66.9 100.3

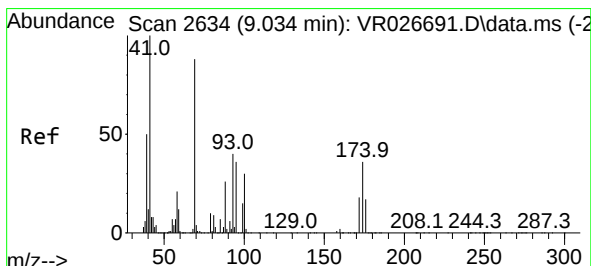
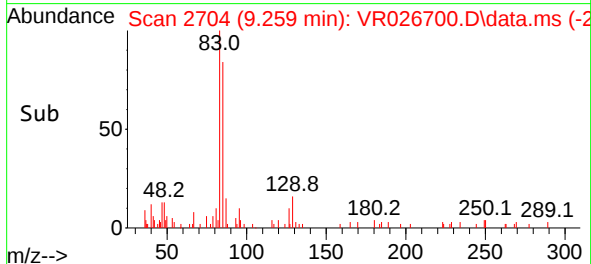
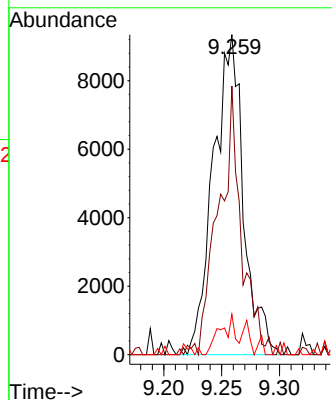
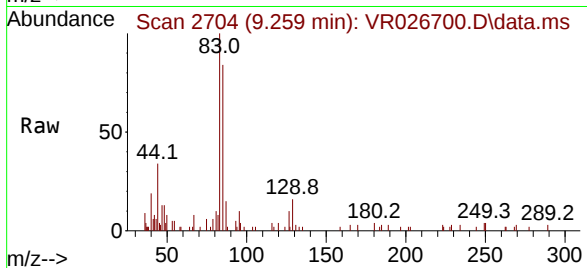




#46
 Bromodichloromethane
 Concen: 2.359 ug/l
 RT: 9.259 min Scan# 21
 Delta R.T. 0.007 min
 Lab File: VR026700.D
 Acq: 4 Aug 2025 16:47

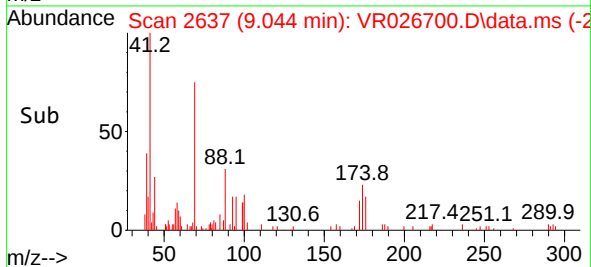
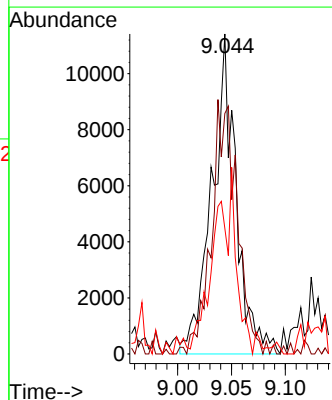
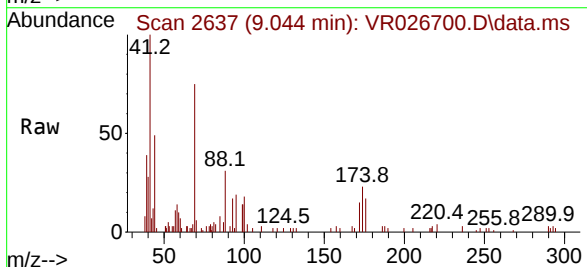
Instrument :
 MSVOA_R
 ClientSampleId :
 MDL02

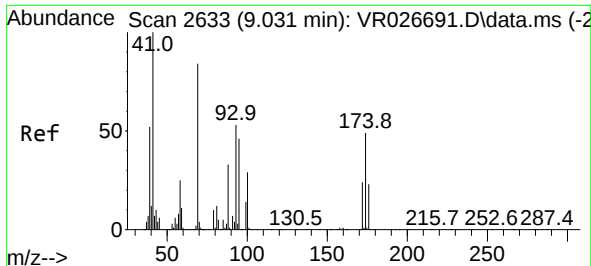
Tgt Ion: 83 Resp: 16888
 Ion Ratio Lower Upper
 83 100
 85 82.2 52.6 78.8#
 127 12.6 5.5 8.3#



#47
 Methyl methacrylate
 Concen: 2.702 ug/l
 RT: 9.044 min Scan# 2637
 Delta R.T. 0.010 min
 Lab File: VR026700.D
 Acq: 4 Aug 2025 16:47

Tgt Ion: 41 Resp: 17749
 Ion Ratio Lower Upper
 41 100
 69 84.1 69.8 104.6
 39 33.5 39.4 59.2#

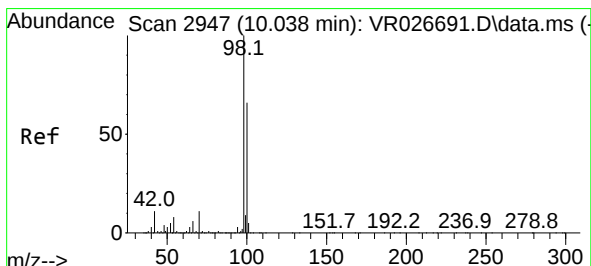
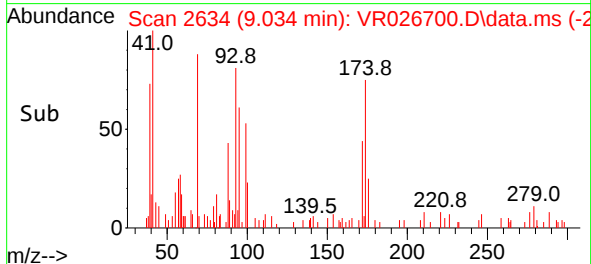
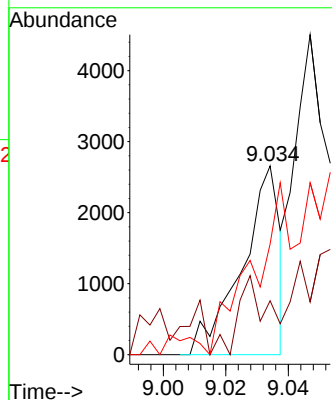
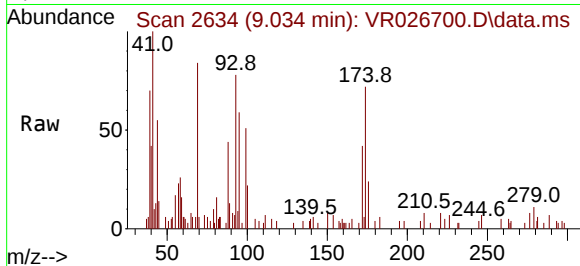




#48
1,4-Dioxane
Concen: 21.096 ug/l
RT: 9.034 min Scan# 2100
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

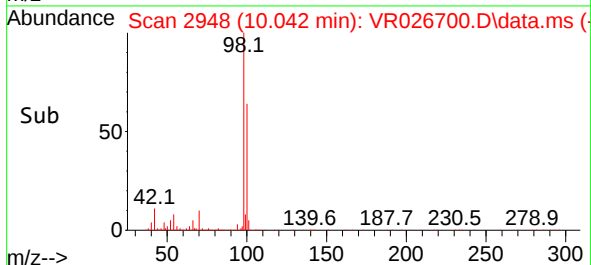
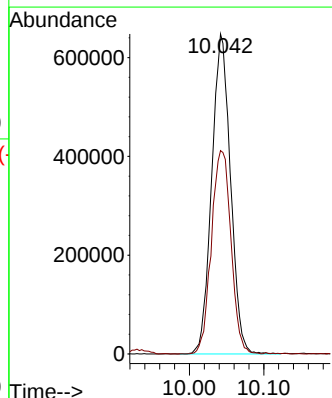
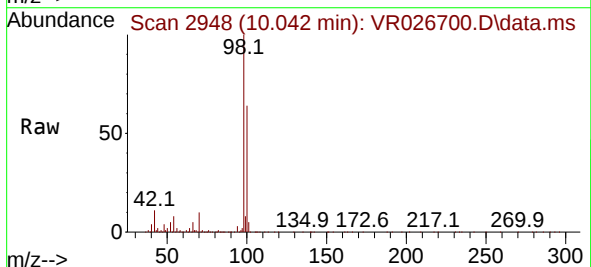
Instrument :
MSVOA_R
ClientSampleId :
MDL02

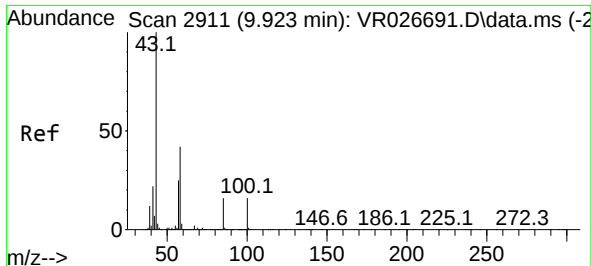
Tgt Ion: 88 Resp: 2232
Ion Ratio Lower Upper
88 100
43 0.0 25.2 37.8#
58 88.1 60.8 91.2



#49
Toluene-d8
Concen: 51.246 ug/l
RT: 10.042 min Scan# 2948
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 98 Resp: 1134568
Ion Ratio Lower Upper
98 100
100 66.3 53.9 80.9





#50

4-Methyl-2-Pentanone

Concen: 14.826 ug/l

RT: 9.926 min Scan# 2911

Delta R.T. 0.003 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

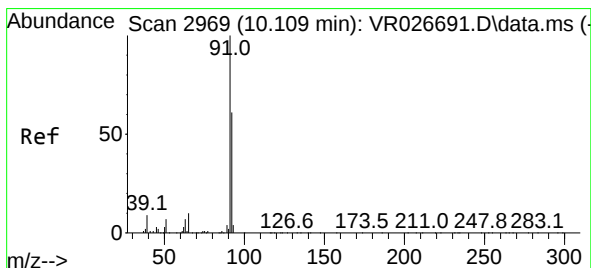
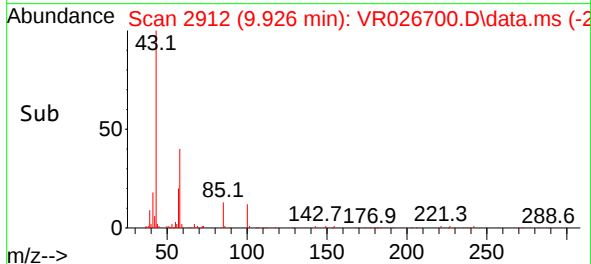
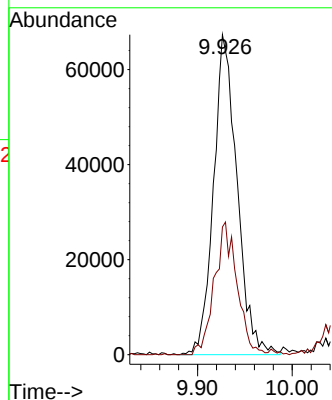
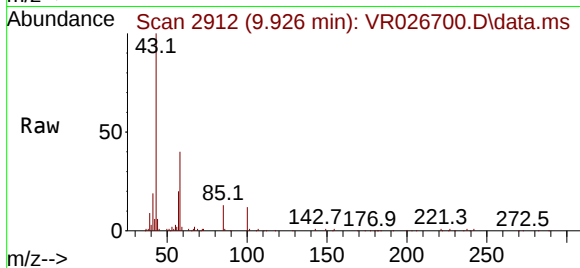
MDL02

Tgt Ion: 43 Resp: 116159

Ion Ratio Lower Upper

43 100

58 39.8 33.7 50.5



#51

Toluene

Concen: 2.414 ug/l

RT: 10.116 min Scan# 2971

Delta R.T. 0.007 min

Lab File: VR026700.D

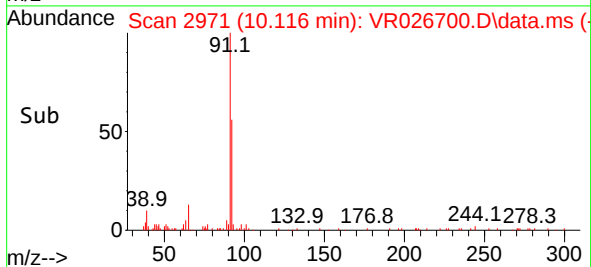
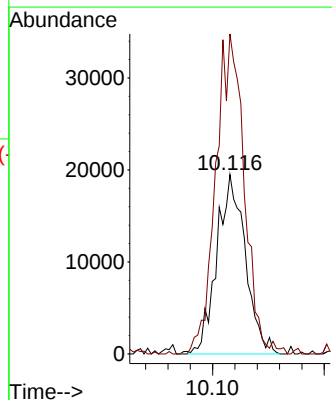
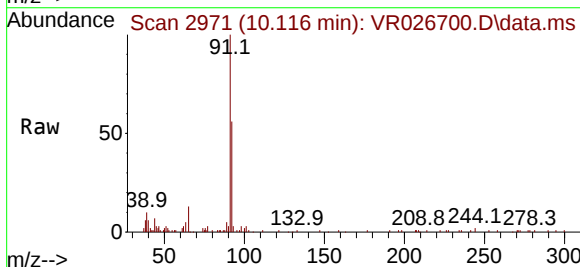
Acq: 4 Aug 2025 16:47

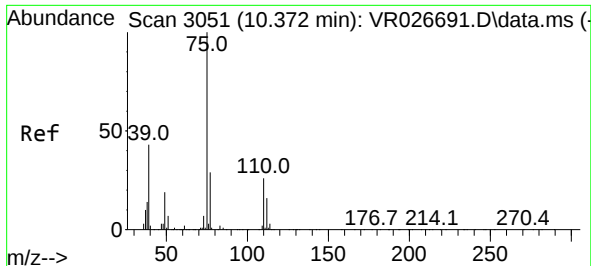
Tgt Ion: 92 Resp: 34594

Ion Ratio Lower Upper

92 100

91 176.3 137.8 206.6

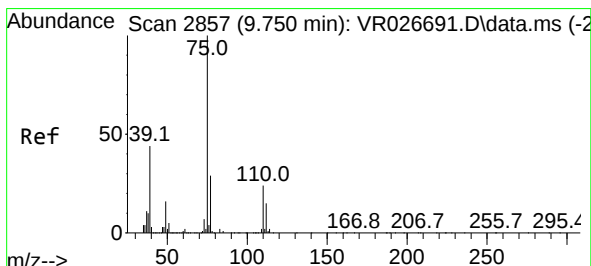
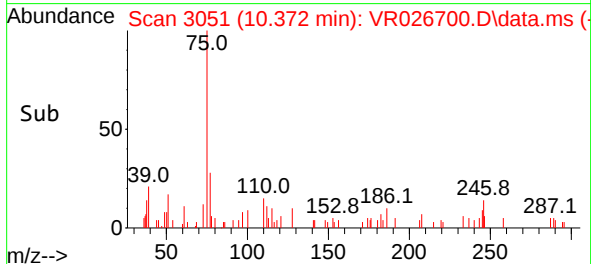
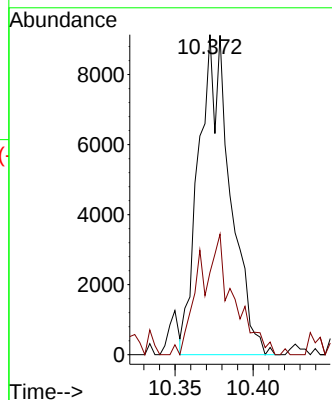
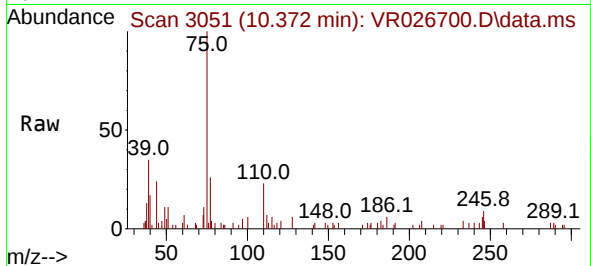




#52
t-1,3-Dichloropropene
Concen: 1.837 ug/l
RT: 10.372 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

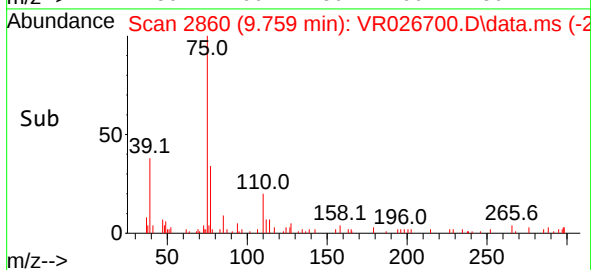
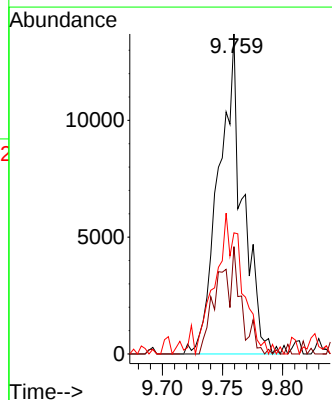
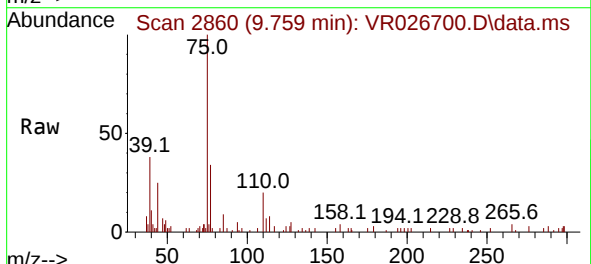
Instrument :
MSVOA_R
ClientSampleId :
MDL02

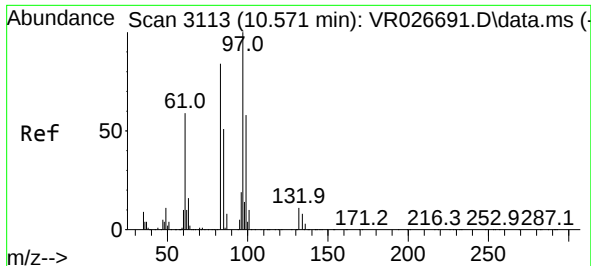
Tgt Ion: 75 Resp: 12888
Ion Ratio Lower Upper
75 100
77 25.7 23.4 35.2



#53
cis-1,3-Dichloropropene
Concen: 2.273 ug/l
RT: 9.759 min Scan# 2860
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 75 Resp: 19130
Ion Ratio Lower Upper
75 100
77 33.6 22.9 34.3
39 35.6 34.8 52.2

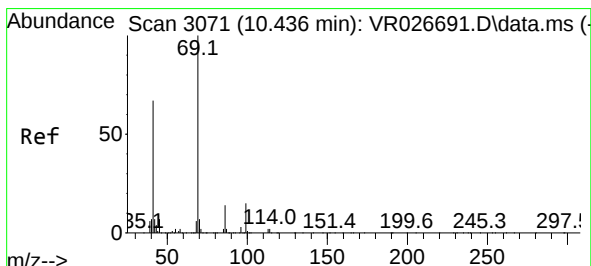
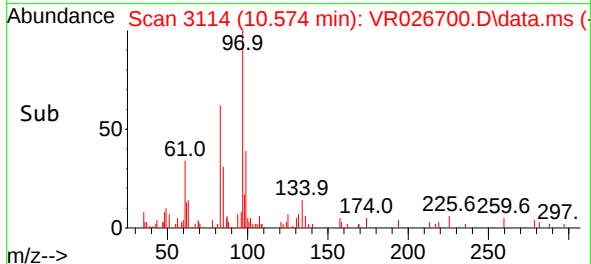
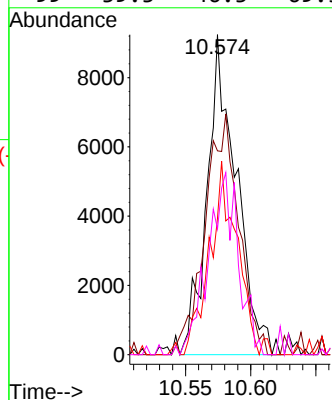
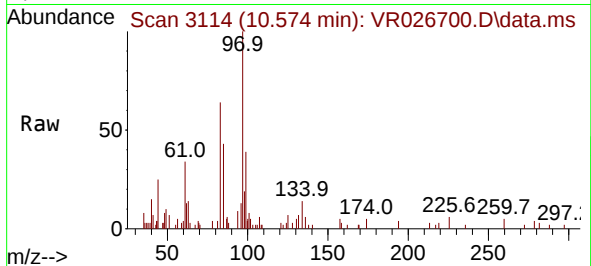




#54
1,1,2-Trichloroethane
Concen: 2.764 ug/l
RT: 10.574 min Scan# 3113
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

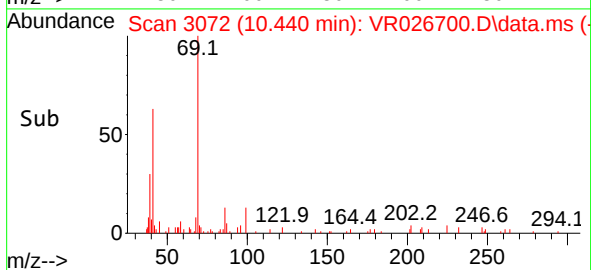
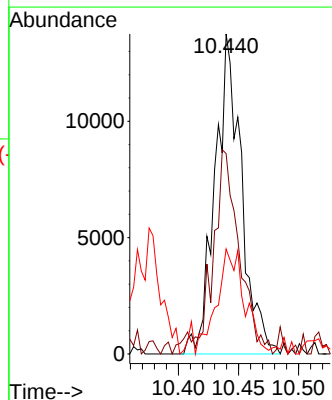
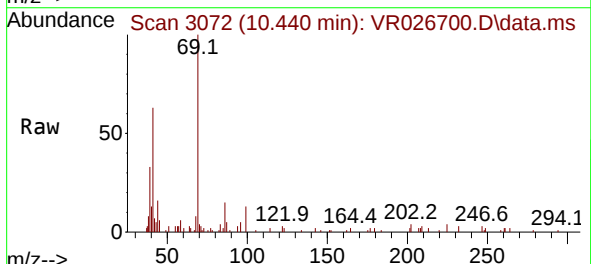
Instrument :
MSVOA_R
ClientSampleId :
MDL02

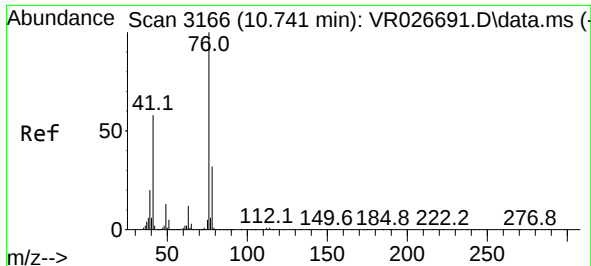
Tgt Ion:	97	Resp:	14466
Ion	Ratio	Lower	Upper
97	100		
83	63.7	67.4	101.2#
85	42.6	40.4	60.6
99	39.3	46.3	69.5#



#55
Ethyl methacrylate
Concen: 2.426 ug/l
RT: 10.440 min Scan# 3072
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion:	69	Resp:	20965
Ion	Ratio	Lower	Upper
69	100		
41	60.7	51.5	77.3
39	34.6	24.7	37.1

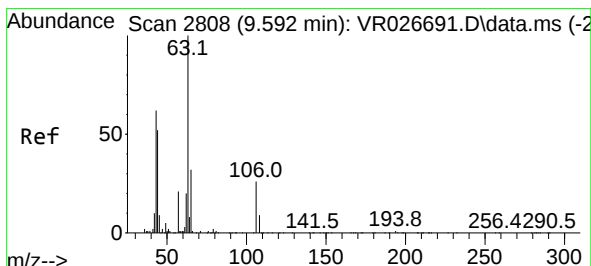
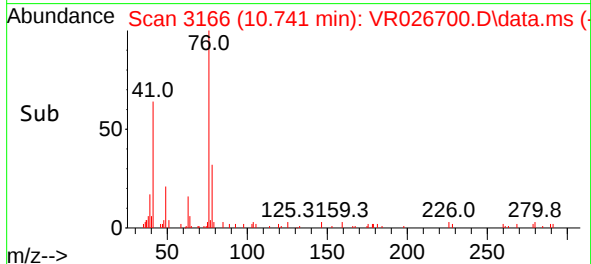
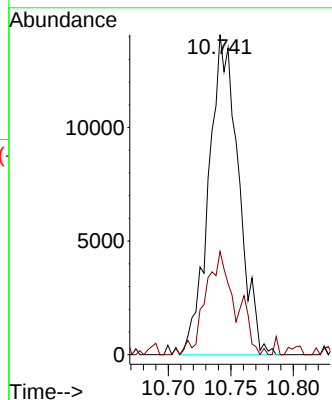
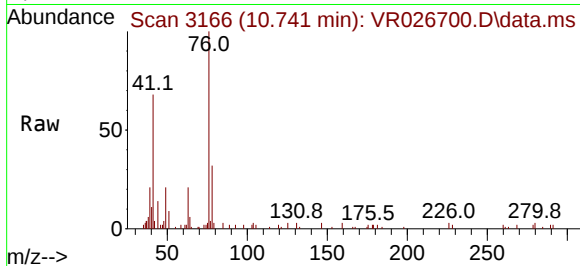




#56
1,3-Dichloropropane
Concen: 2.622 ug/l
RT: 10.741 min Scan# 3166
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

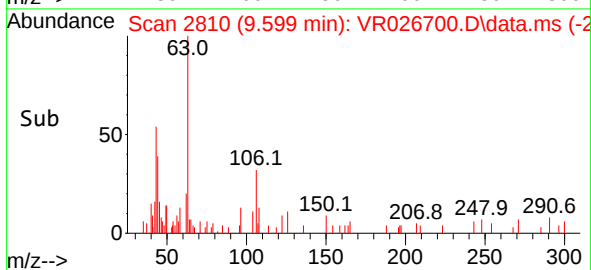
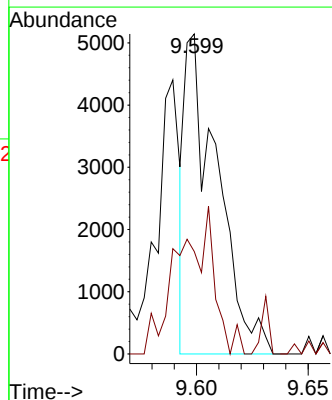
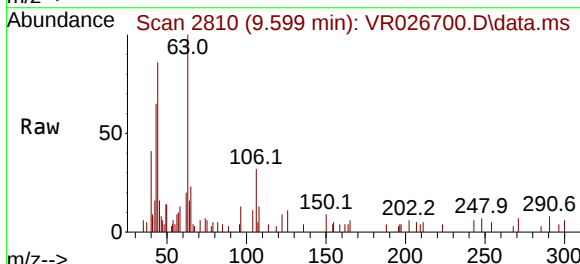
Instrument : MSVOA_R
ClientSampleId : MDL02

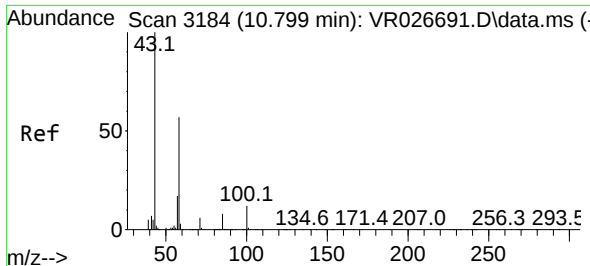
Tgt Ion: 76 Resp: 23373
Ion Ratio Lower Upper
76 100
78 26.5 25.8 38.6



#57
2-Chloroethyl Vinyl ether
Concen: 10.819 ug/l
RT: 9.599 min Scan# 2810
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 63 Resp: 5168
Ion Ratio Lower Upper
63 100
106 51.8 22.5 33.7#

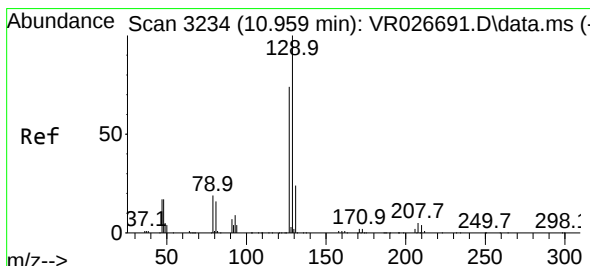
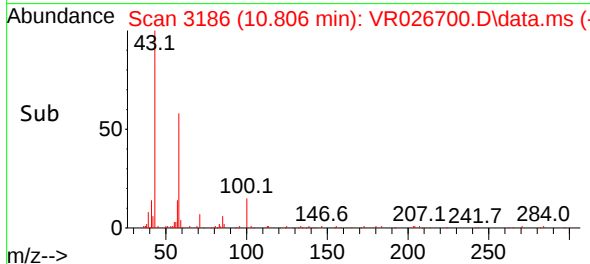
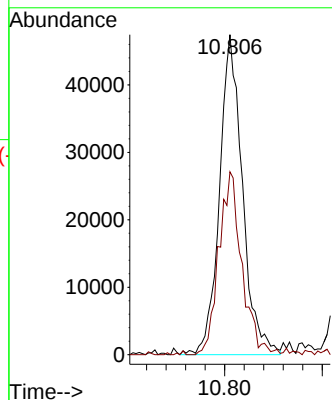
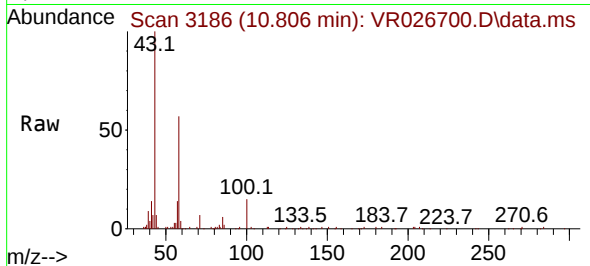




#58
2-Hexanone
Concen: 14.664 ug/l
RT: 10.806 min Scan# 3186
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

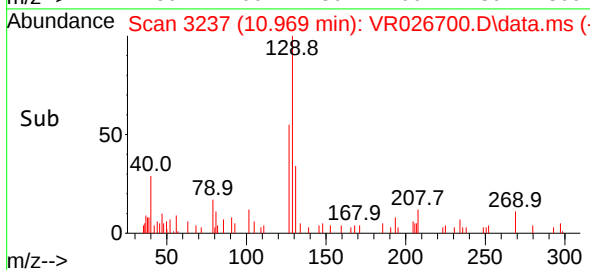
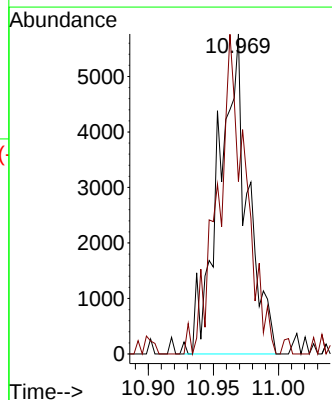
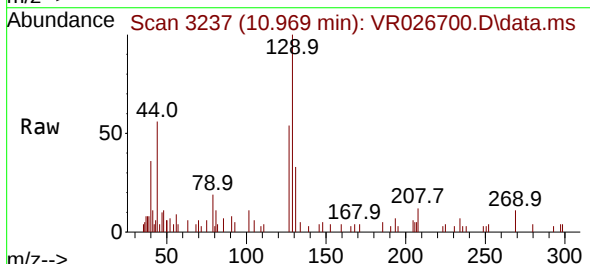
Instrument :
MSVOA_R
ClientSampleId :
MDL02

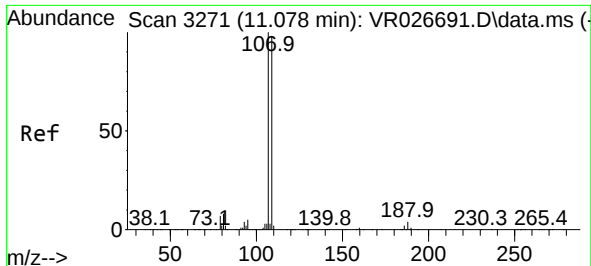
Tgt Ion: 43 Resp: 77453
Ion Ratio Lower Upper
43 100
58 57.0 28.8 86.4



#59
Dibromochloromethane
Concen: 2.028 ug/l
RT: 10.969 min Scan# 3237
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 129 Resp: 8984
Ion Ratio Lower Upper
129 100
127 95.1 38.9 116.6

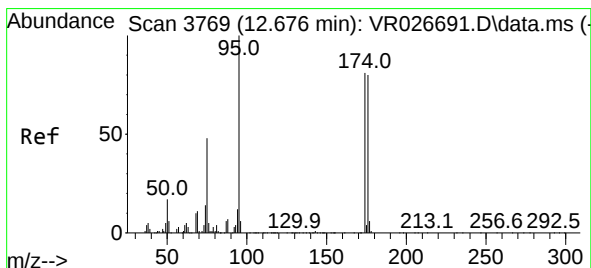
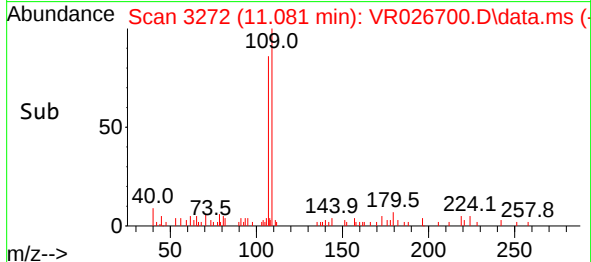
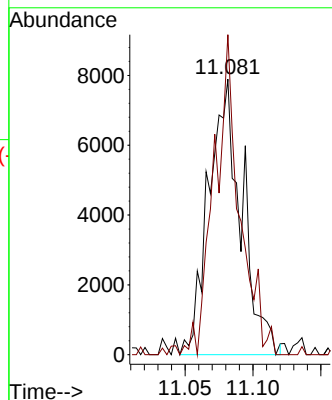
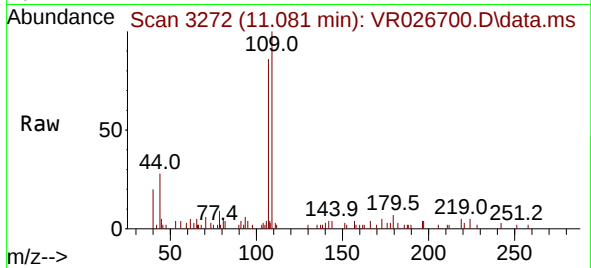




#60
1,2-Dibromoethane
Concen: 2.962 ug/l
RT: 11.081 min Scan# 31
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

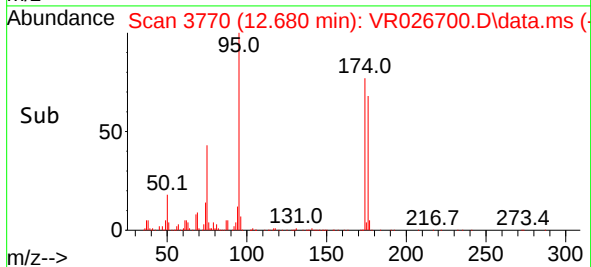
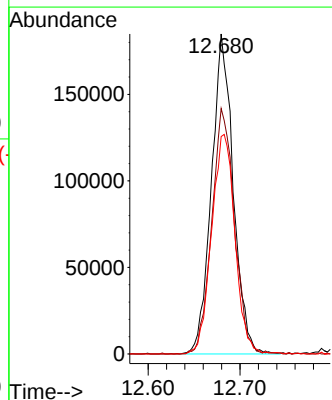
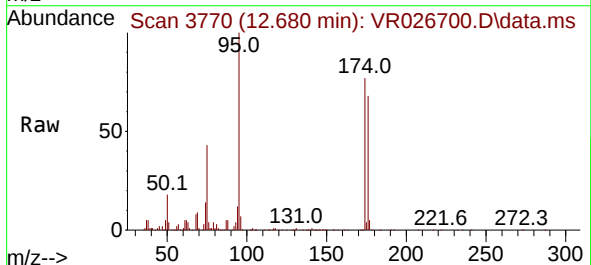
Instrument :
MSVOA_R
ClientSampleId :
MDL02

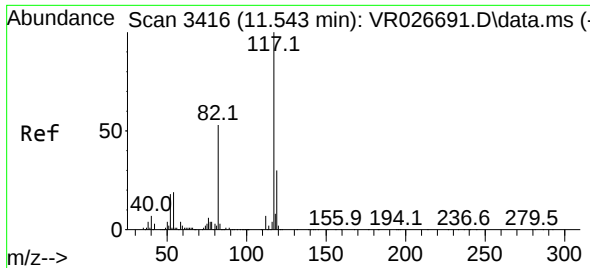
Tgt Ion:107 Resp: 13341
Ion Ratio Lower Upper
107 100
109 89.7 75.9 113.9



#61
4-Bromofluorobenzene
Concen: 48.260 ug/l
RT: 12.680 min Scan# 3770
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 95 Resp: 303895
Ion Ratio Lower Upper
95 100
174 79.6 0.0 158.4
176 73.6 0.0 149.0

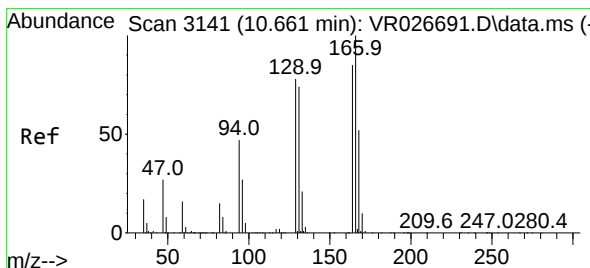
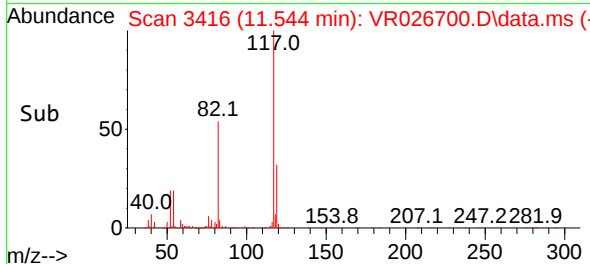
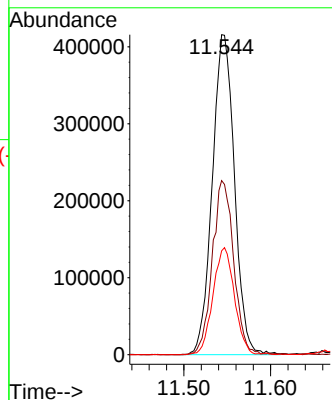
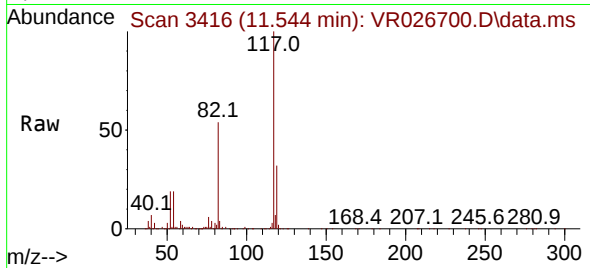




#62
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.544 min Scan# 3416
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

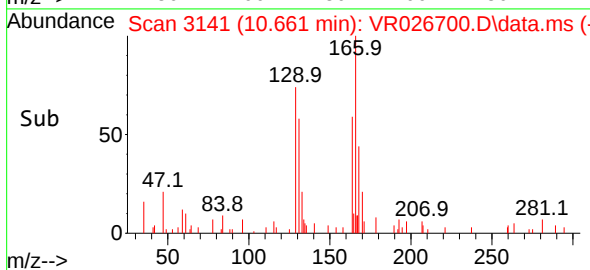
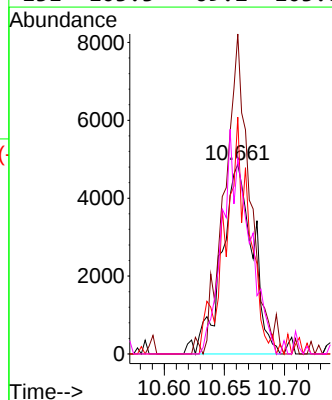
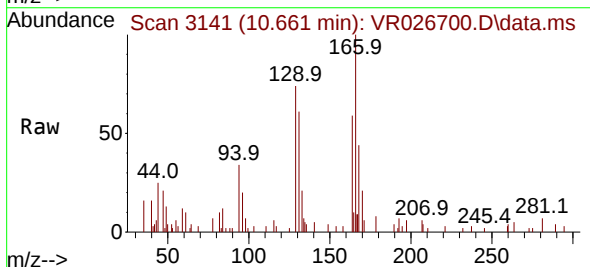
Instrument :
MSVOA_R
ClientSampleId :
MDL02

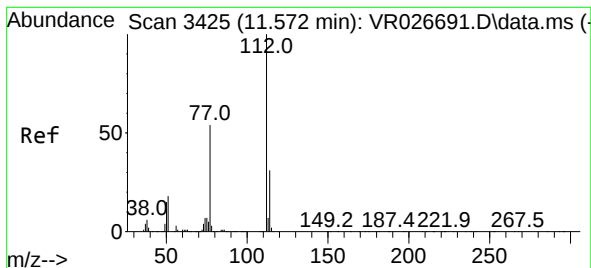
Tgt Ion:117 Resp: 737654
Ion Ratio Lower Upper
117 100
82 54.4 42.0 63.0
119 32.5 23.9 35.9



#63
Tetrachloroethene
Concen: 2.179 ug/l
RT: 10.661 min Scan# 3141
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion:164 Resp: 8782
Ion Ratio Lower Upper
164 100
166 168.8 93.7 140.5#
129 125.0 73.4 110.2#
131 103.3 69.2 103.8





#64

Chlorobenzene

Concen: 2.558 ug/l

RT: 11.576 min Scan# 3425

Delta R.T. 0.003 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

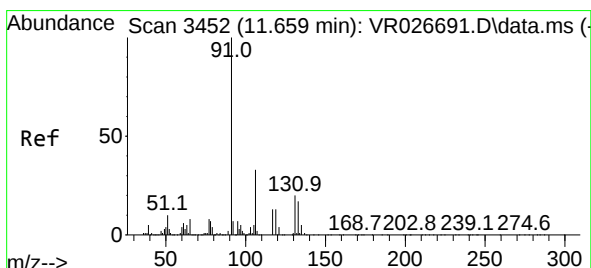
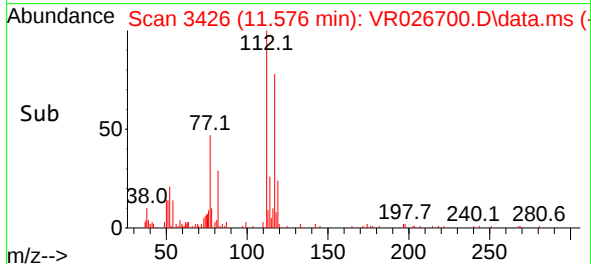
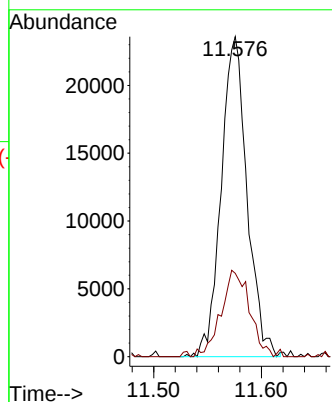
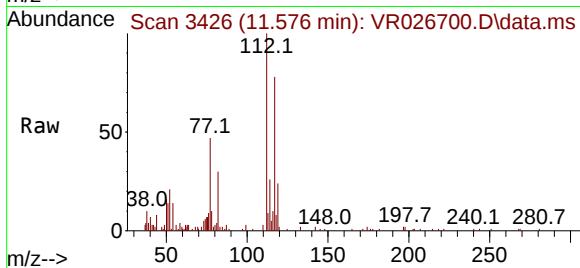
MDL02

Tgt Ion:112 Resp: 39267

Ion Ratio Lower Upper

112 100

114 26.0 25.0 37.6



#65

1,1,1,2-Tetrachloroethane

Concen: 1.920 ug/l

RT: 11.659 min Scan# 3452

Delta R.T. 0.000 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

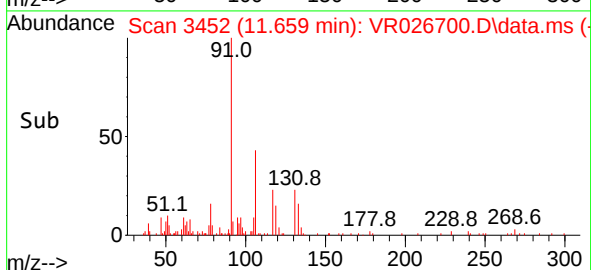
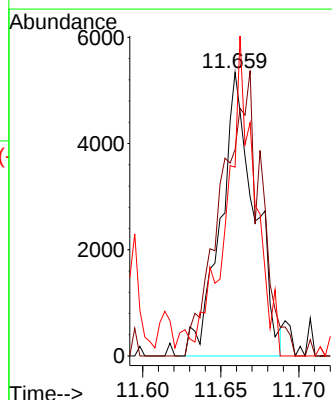
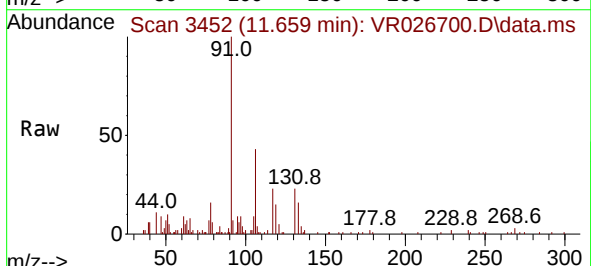
Tgt Ion:131 Resp: 8049

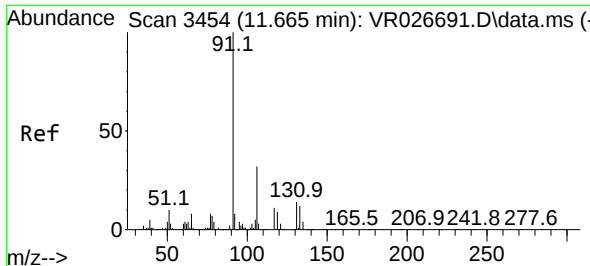
Ion Ratio Lower Upper

131 100

133 118.1 46.2 138.5

119 93.1 35.7 107.1

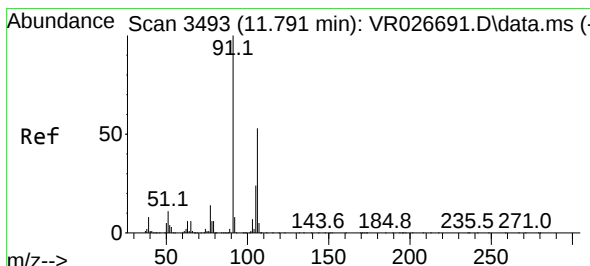
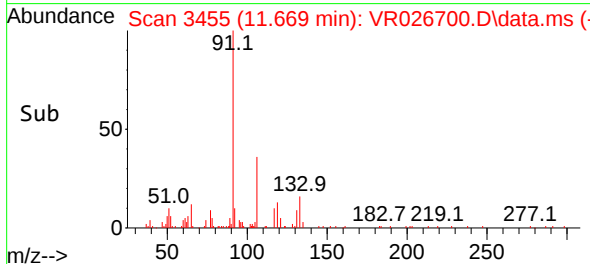
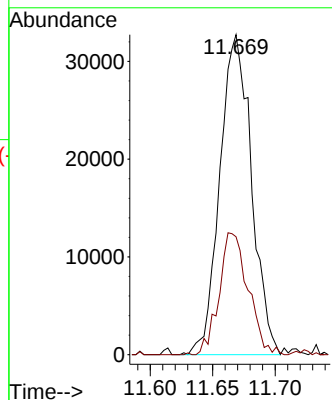
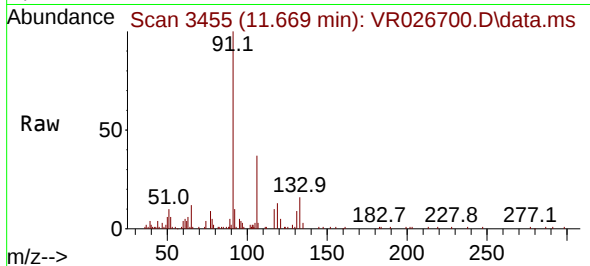




#66
Ethyl Benzene
Concen: 2.249 ug/l
RT: 11.669 min Scan# 3454
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

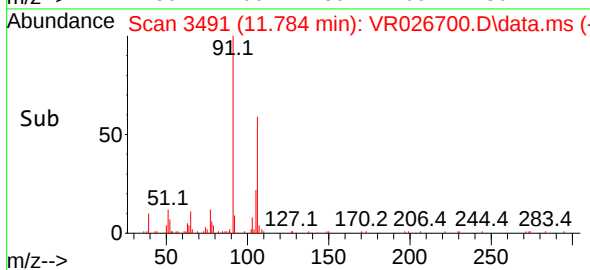
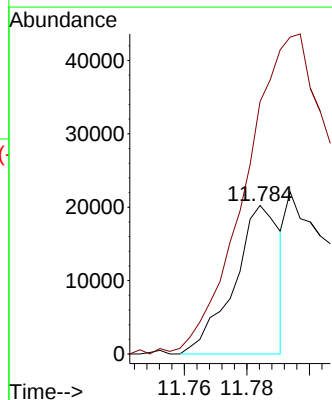
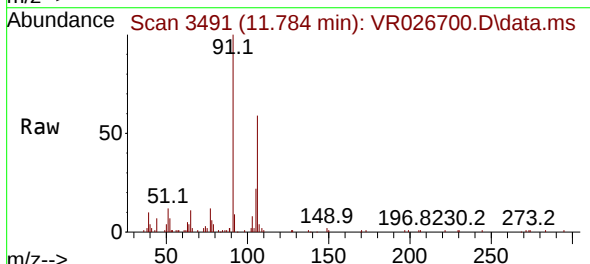
Instrument :
MSVOA_R
ClientSampleId :
MDL02

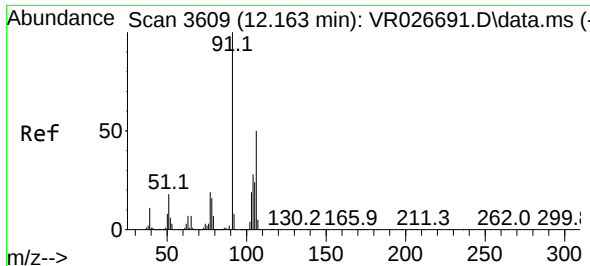
Tgt Ion: 91 Resp: 57650
Ion Ratio Lower Upper
91 100
106 36.8 25.4 38.0



#67
m/p-Xylenes
Concen: 2.001 ug/l
RT: 11.784 min Scan# 3491
Delta R.T. -0.006 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion:106 Resp: 20495
Ion Ratio Lower Upper
106 100
91 426.8 146.8 220.2#

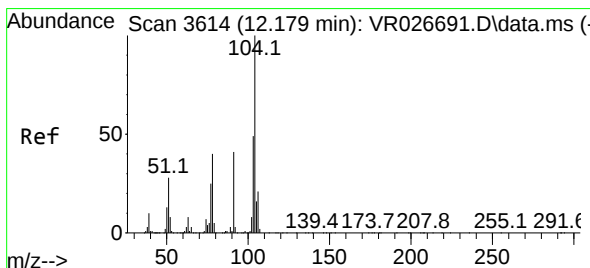
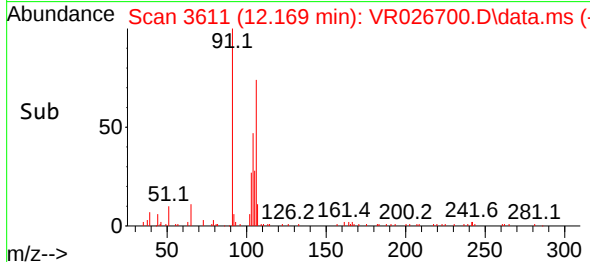
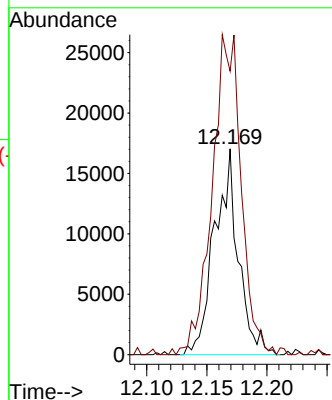
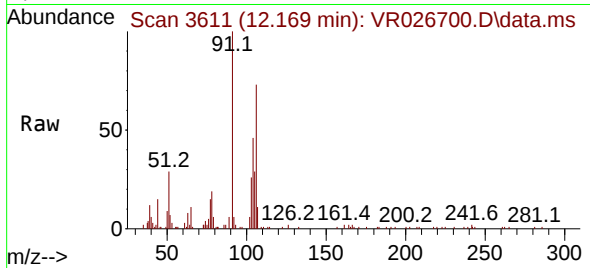




#68
o-Xylene
Concen: 2.358 ug/l
RT: 12.169 min Scan# 3611
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

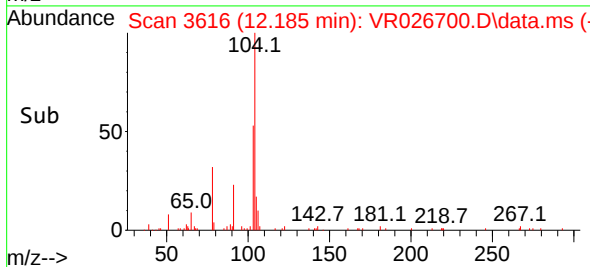
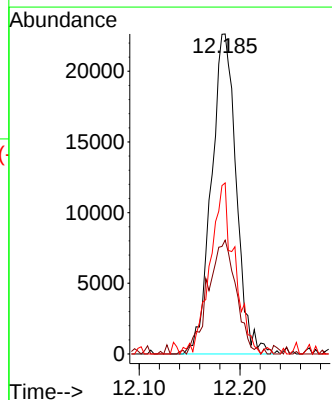
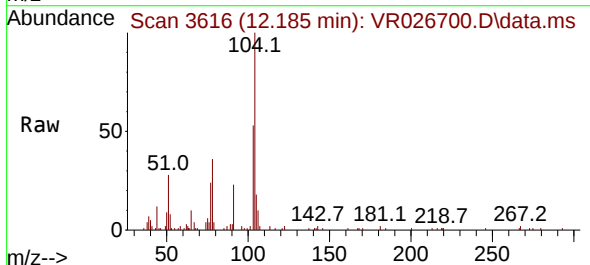
Instrument :
MSVOA_R
ClientSampleId :
MDL02

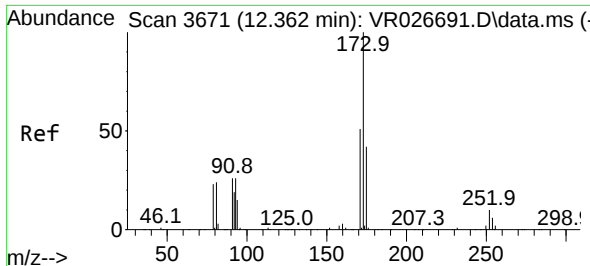
Tgt Ion:106 Resp: 23444
Ion Ratio Lower Upper
106 100
91 189.8 97.9 293.6



#69
Styrene
Concen: 2.336 ug/l
RT: 12.185 min Scan# 3616
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion:104 Resp: 38815
Ion Ratio Lower Upper
104 100
78 40.4 34.5 51.7
103 52.7 43.2 64.8

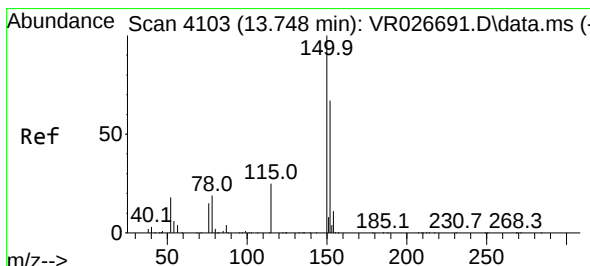
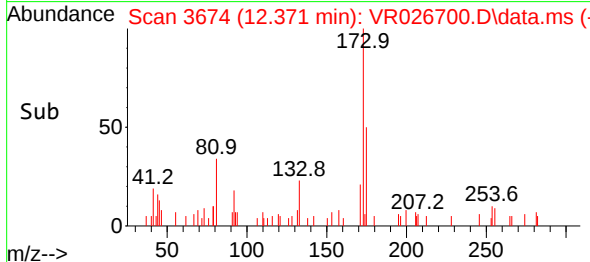
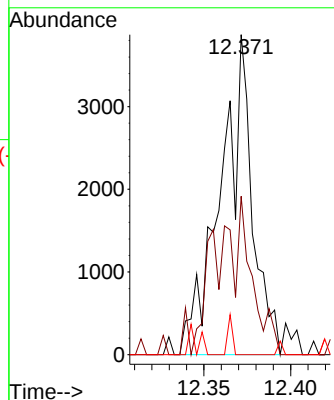
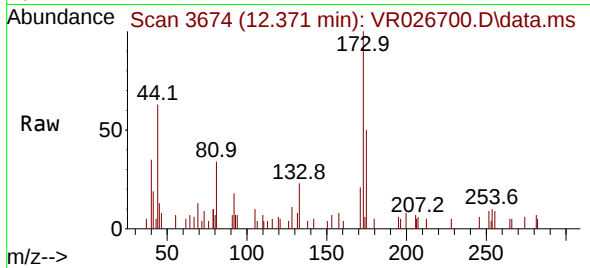




#70
Bromoform
Concen: 2.076 ug/l
RT: 12.371 min Scan# 30
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

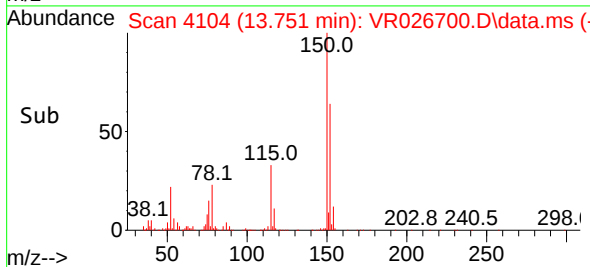
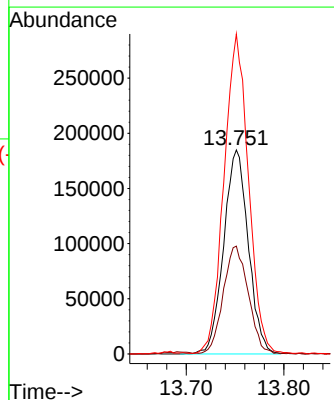
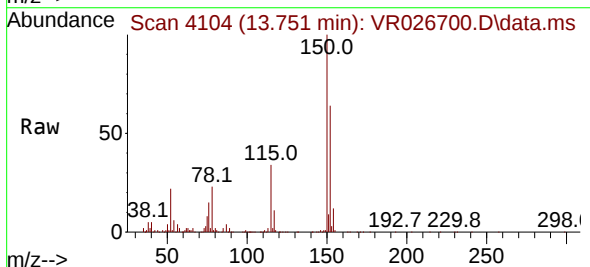
Instrument :
MSVOA_R
ClientSampleId :
MDL02

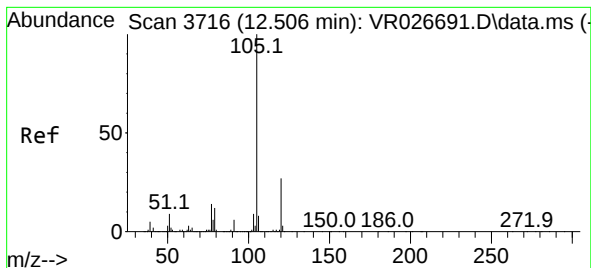
Tgt Ion:173 Resp: 4926
Ion Ratio Lower Upper
173 100
175 22.1 23.6 71.0#
254 1.9 0.1 0.1#



#71
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.751 min Scan# 4104
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion:152 Resp: 323821
Ion Ratio Lower Upper
152 100
115 53.8 27.8 83.4
150 155.0 0.0 350.4





#72

Isopropylbenzene

Concen: 2.441 ug/l

RT: 12.506 min Scan# 3716

Delta R.T. 0.000 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

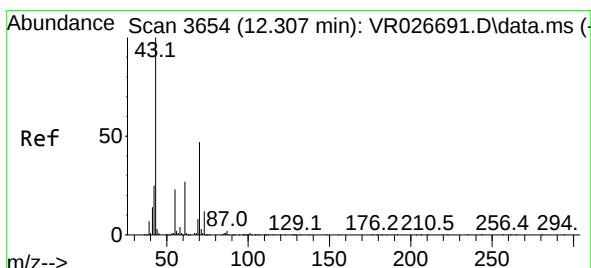
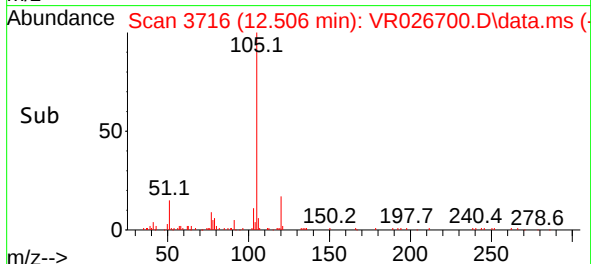
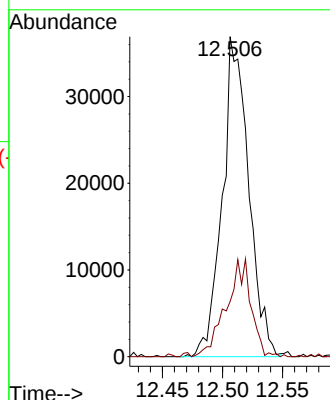
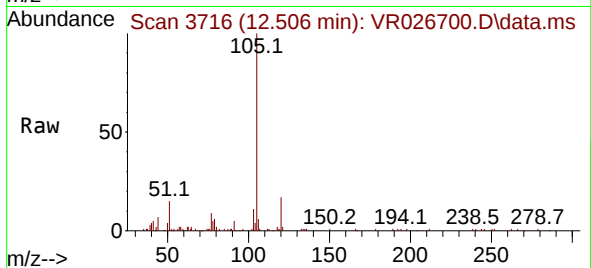
MDL02

Tgt Ion:105 Resp: 56335

Ion Ratio Lower Upper

105 100

120 28.8 14.2 42.8



#73

N-ethyl acetate

Concen: 2.880 ug/l

RT: 12.314 min Scan# 3656

Delta R.T. 0.007 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Tgt Ion: 43 Resp: 26354

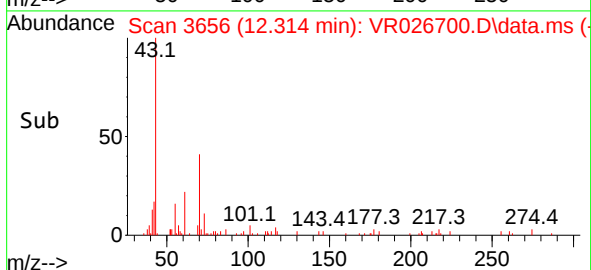
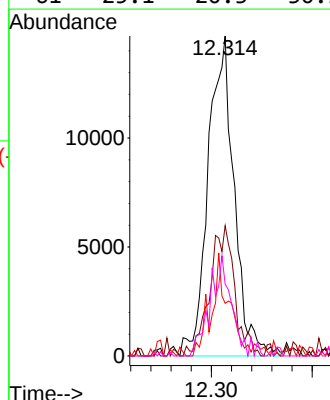
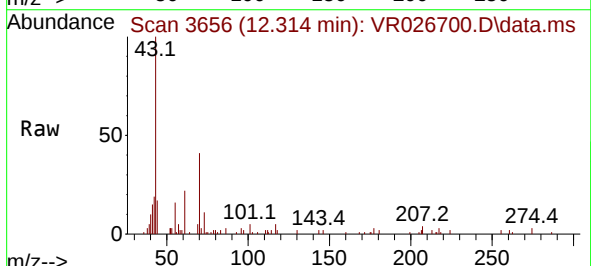
Ion Ratio Lower Upper

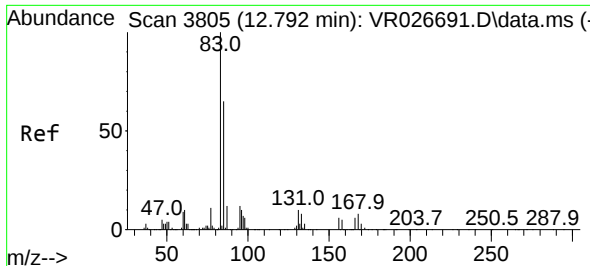
43 100

70 21.0 36.4 54.6#

55 17.3 18.7 28.1#

61 25.1 20.3 30.5

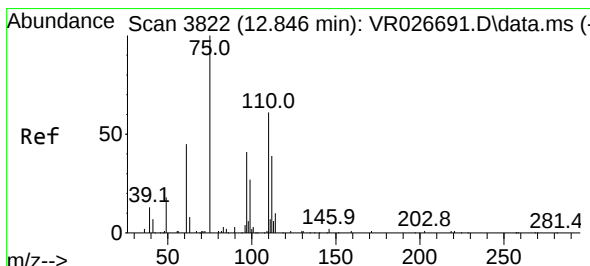
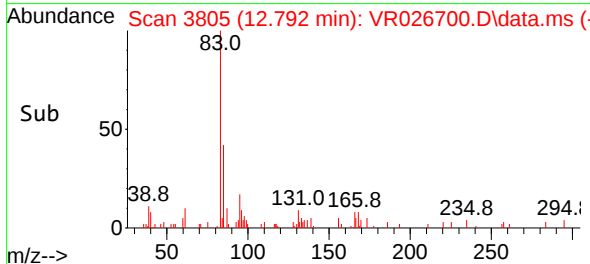
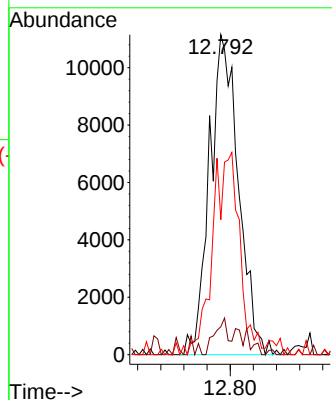
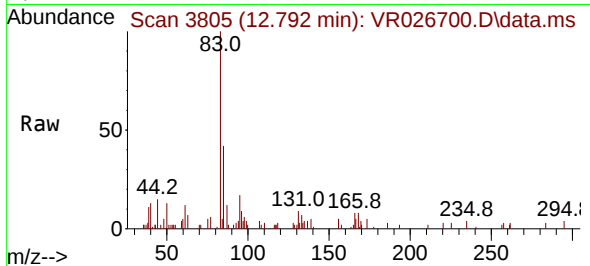




#74
1,1,2,2-Tetrachloroethane
Concen: 2.864 ug/l
RT: 12.792 min Scan# 3805
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

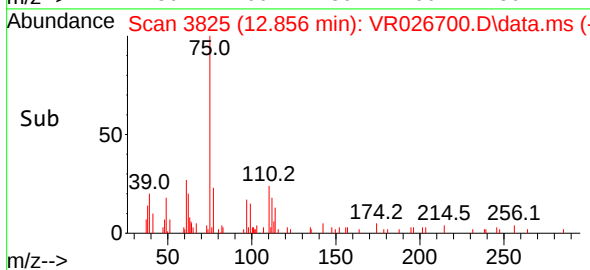
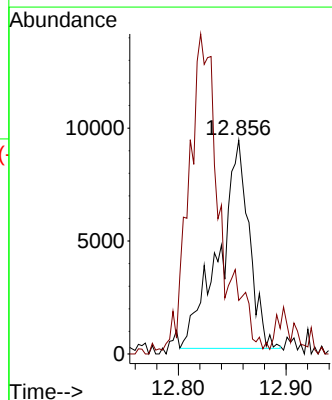
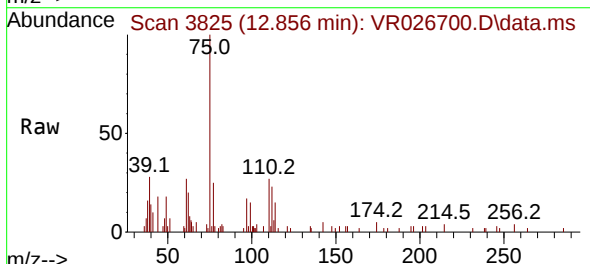
Instrument :
MSVOA_R
ClientSampleId :
MDL02

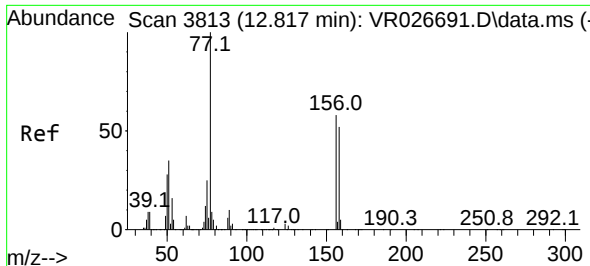
Tgt Ion: 83 Resp: 19396
Ion Ratio Lower Upper
83 100
131 5.3 4.2 12.4
85 58.6 32.3 96.8



#75
1,2,3-Trichloropropane
Concen: 3.325 ug/l
RT: 12.856 min Scan# 3825
Delta R.T. 0.010 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 75 Resp: 17849
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

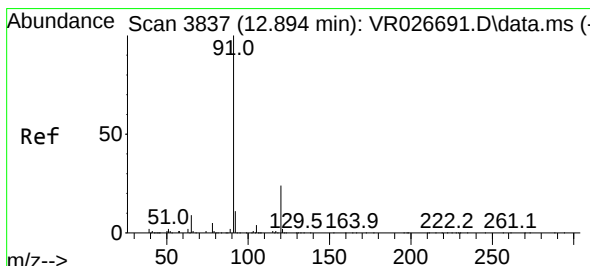
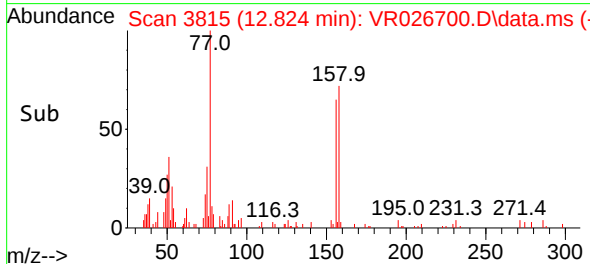
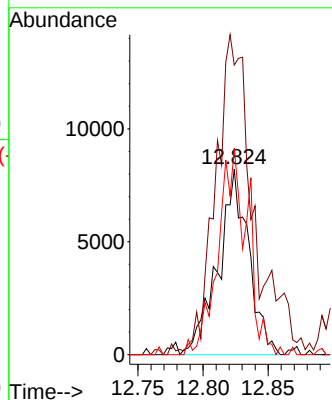
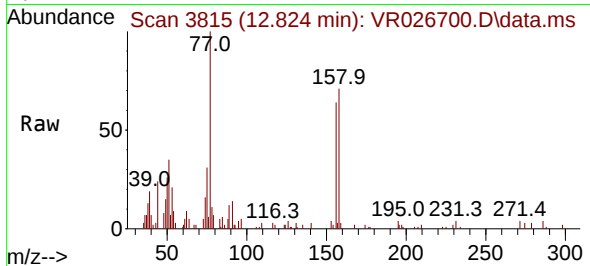




#76
Bromobenzene
Concen: 2.513 ug/l
RT: 12.824 min Scan# 3815
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

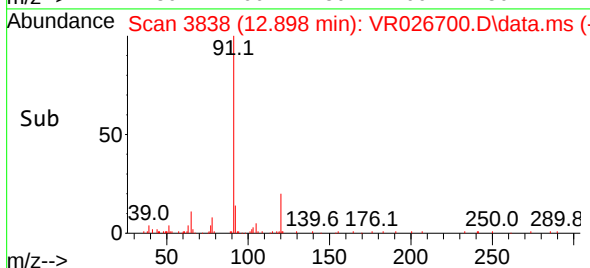
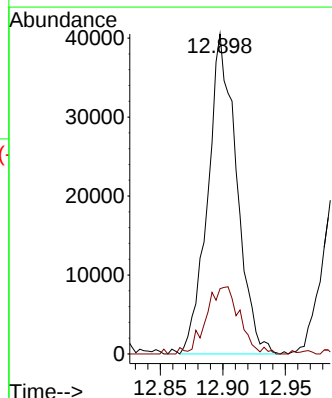
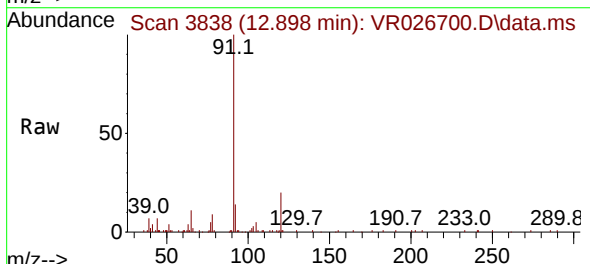
Instrument :
MSVOA_R
ClientSampleId :
MDL02

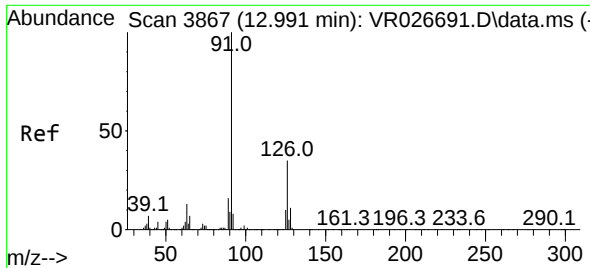
Tgt Ion:156 Resp: 13422
Ion Ratio Lower Upper
156 100
77 181.7 105.5 316.4
158 108.0 46.4 139.1



#77
n-propylbenzene
Concen: 2.361 ug/l
RT: 12.898 min Scan# 3838
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 91 Resp: 65009
Ion Ratio Lower Upper
91 100
120 22.2 11.9 35.9

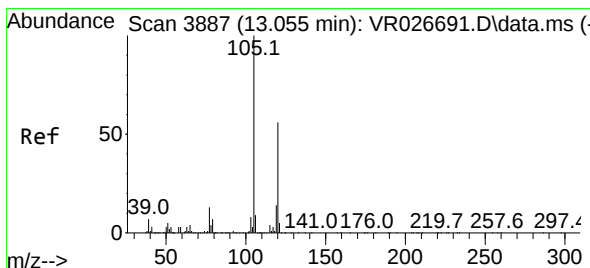
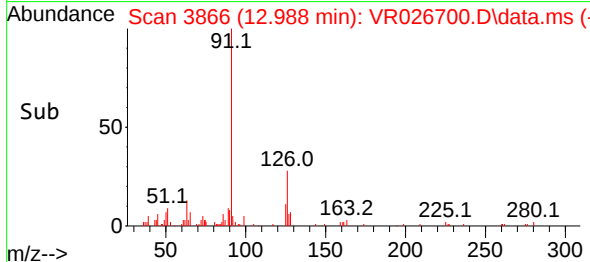
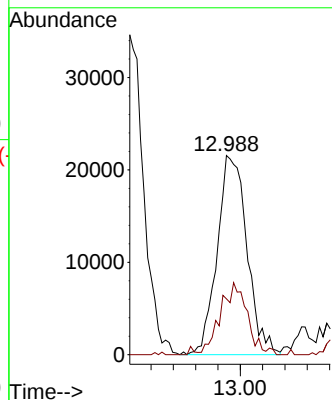
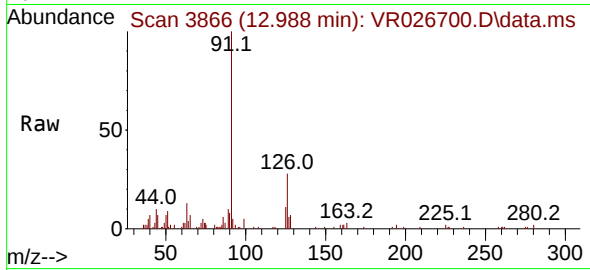




#78
2-Chlorotoluene
Concen: 2.564 ug/l
RT: 12.988 min Scan# 3866
Delta R.T. -0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

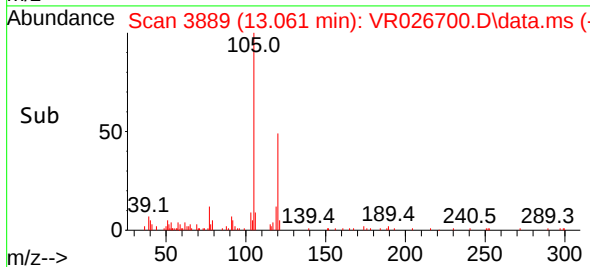
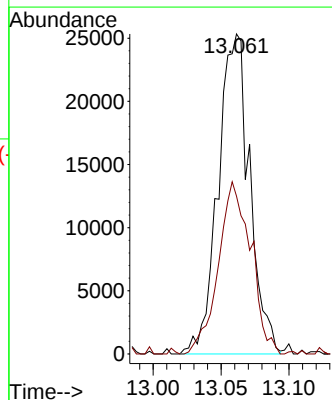
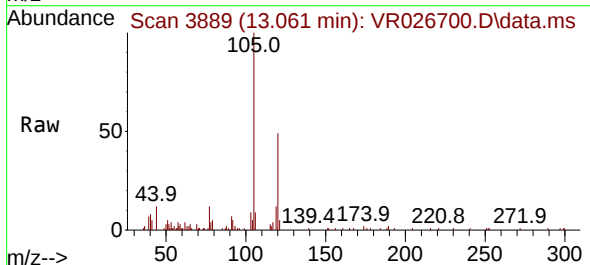
Instrument :
MSVOA_R
ClientSampleId :
MDL02

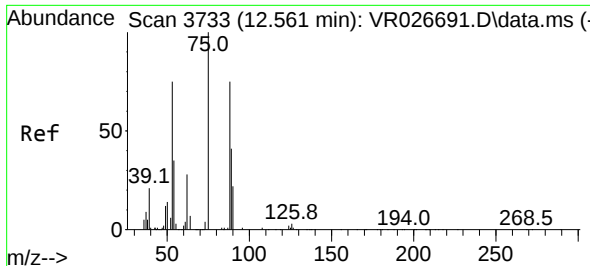
Tgt Ion: 91 Resp: 40063
Ion Ratio Lower Upper
91 100
126 30.6 17.5 52.6



#79
1,3,5-Trimethylbenzene
Concen: 2.266 ug/l
RT: 13.061 min Scan# 3889
Delta R.T. 0.007 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 105 Resp: 40901
Ion Ratio Lower Upper
105 100
120 55.6 26.6 79.7

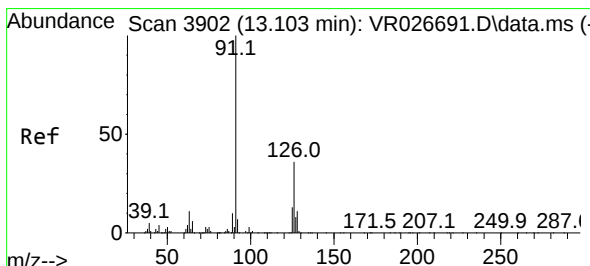
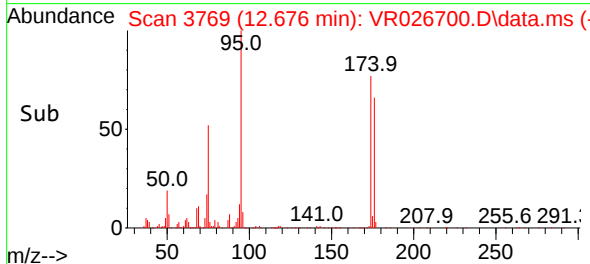
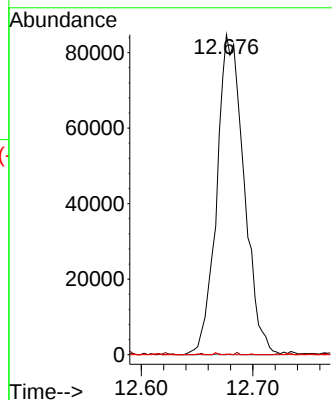
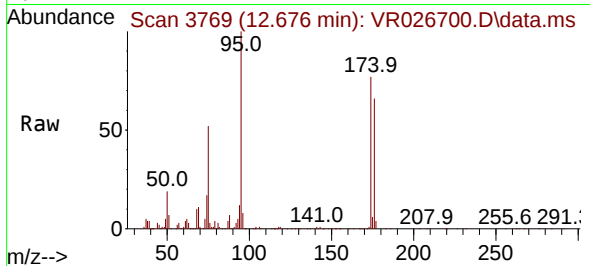




#80
trans-1,4-Dichloro-2-butene
Concen: 78.130 ug/l
RT: 12.676 min Scan# 31
Delta R.T. 0.116 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

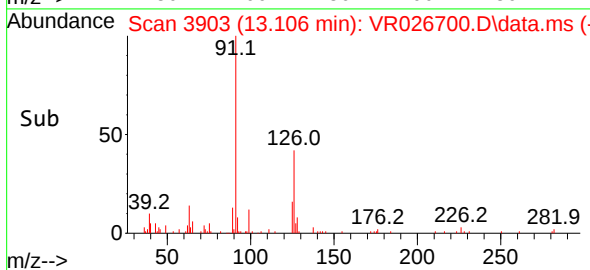
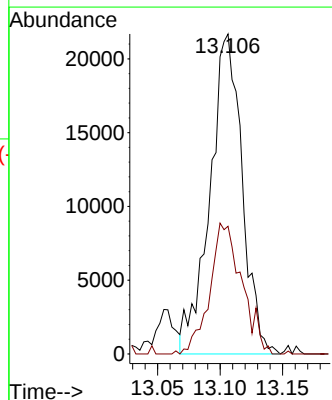
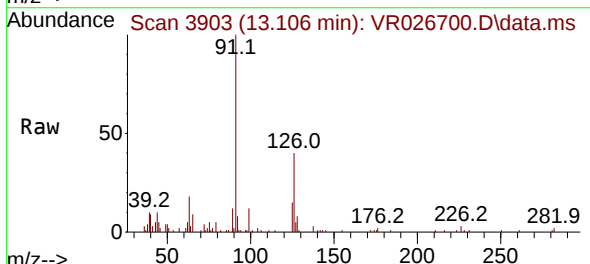
Instrument :
MSVOA_R
ClientSampleId :
MDL02

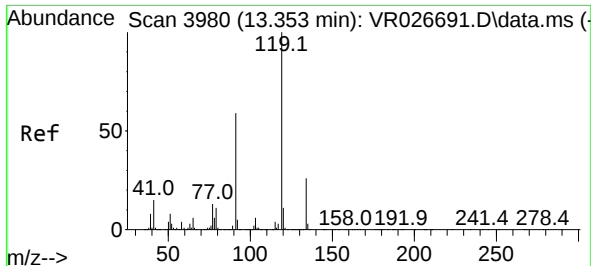
Tgt Ion: 75 Resp: 143990
Ion Ratio Lower Upper
75 100
53 0.1 67.8 101.6#
89 0.0 34.6 52.0#



#81
4-Chlorotoluene
Concen: 2.443 ug/l
RT: 13.106 min Scan# 3903
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion: 91 Resp: 38991
Ion Ratio Lower Upper
91 100
126 40.7 17.8 53.3

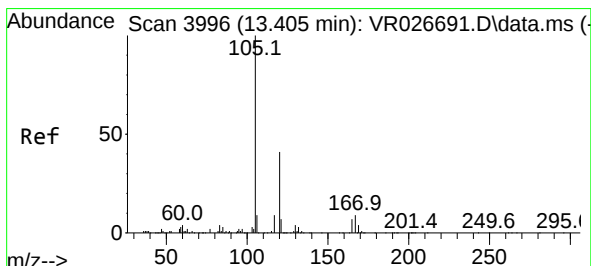
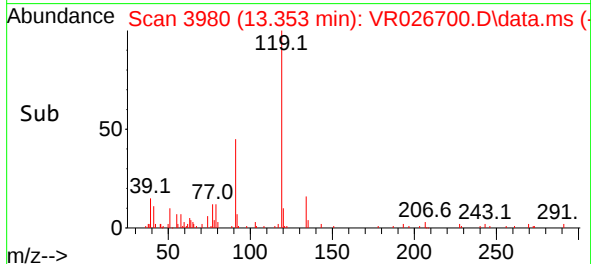
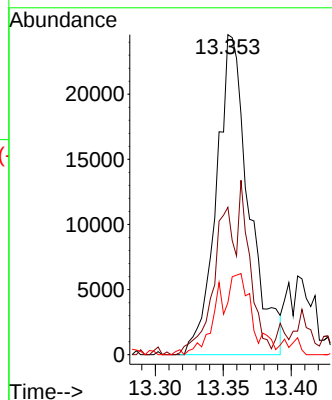
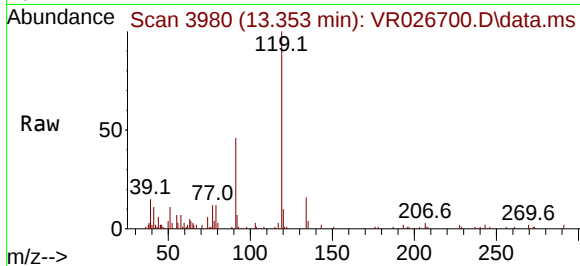




#82
tert-Butylbenzene
Concen: 2.495 ug/l
RT: 13.353 min Scan# 3980
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

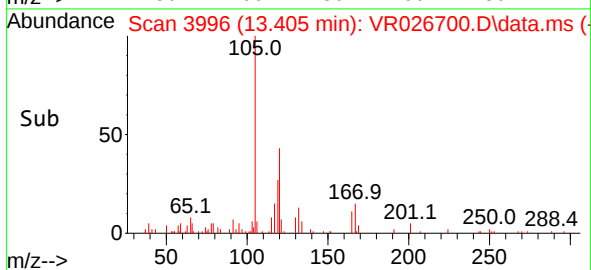
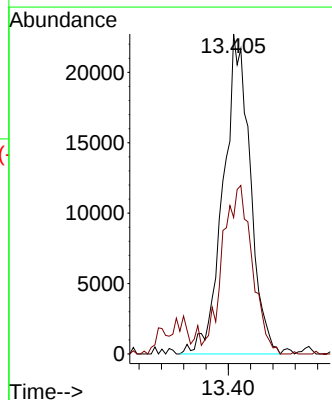
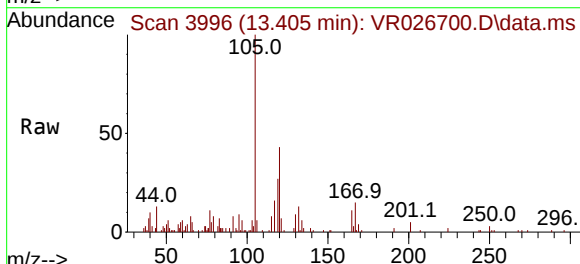
Instrument :
MSVOA_R
ClientSampleId :
MDL02

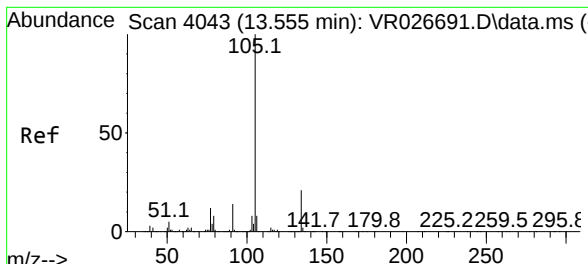
Tgt Ion:119 Resp: 40960
Ion Ratio Lower Upper
119 100
91 31.4 29.9 89.7
134 8.2 13.5 40.4#



#83
1,2,4-Trimethylbenzene
Concen: 2.124 ug/l
RT: 13.405 min Scan# 3996
Delta R.T. 0.000 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion:105 Resp: 37945
Ion Ratio Lower Upper
105 100
120 58.3 25.0 75.0

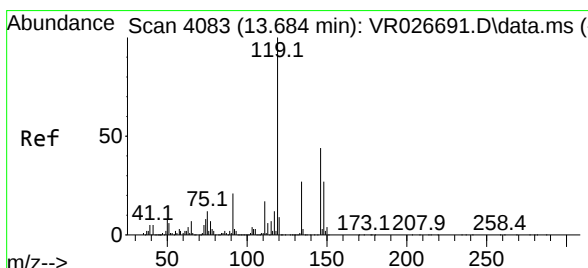
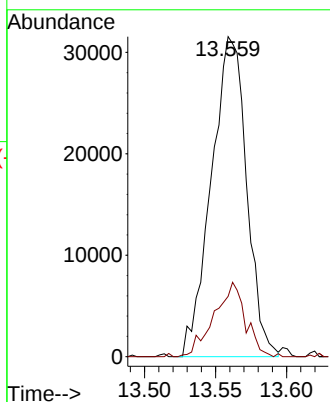
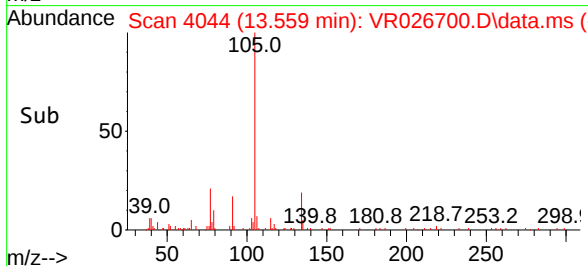
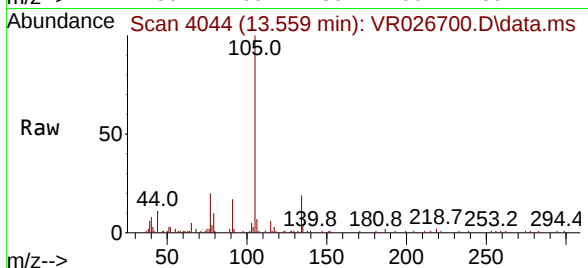




#84
 sec-Butylbenzene
 Concen: 2.244 ug/l
 RT: 13.559 min Scan# 4044
 Delta R.T. 0.003 min
 Lab File: VR026700.D
 Acq: 4 Aug 2025 16:47

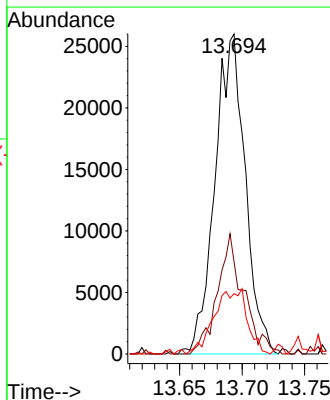
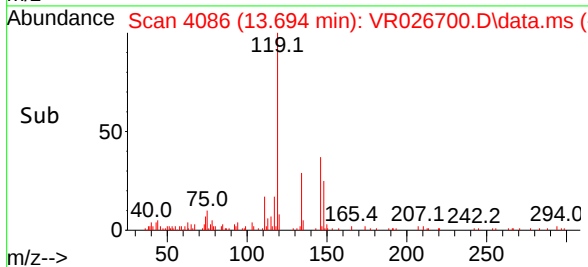
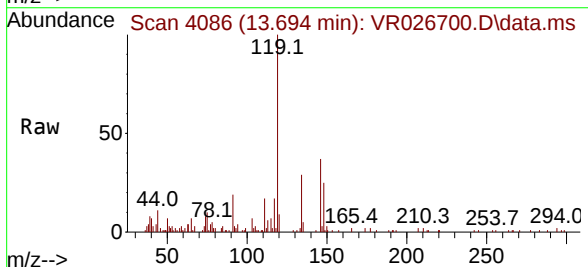
Instrument :
 MSVOA_R
 ClientSampleId :
 MDL02

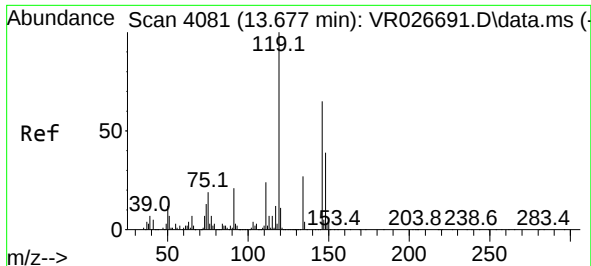
Tgt Ion:105 Resp: 54641
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1



#85
 p-Isopropyltoluene
 Concen: 2.205 ug/l
 RT: 13.694 min Scan# 4086
 Delta R.T. 0.010 min
 Lab File: VR026700.D
 Acq: 4 Aug 2025 16:47

Tgt Ion:119 Resp: 43772
 Ion Ratio Lower Upper
 119 100
 134 32.6 13.9 41.7
 91 12.0 10.4 31.2

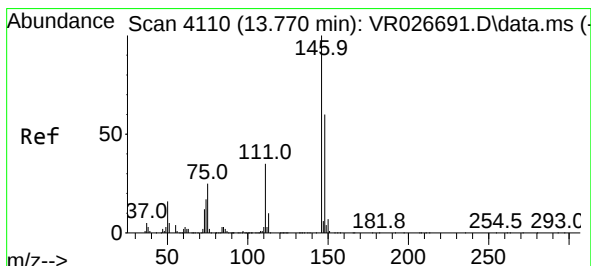
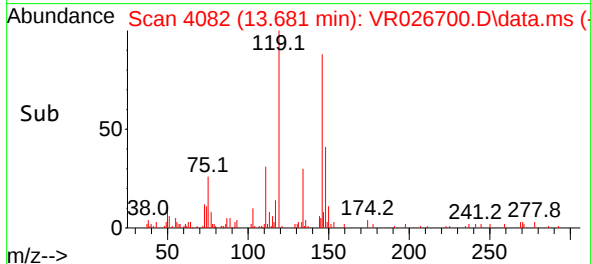
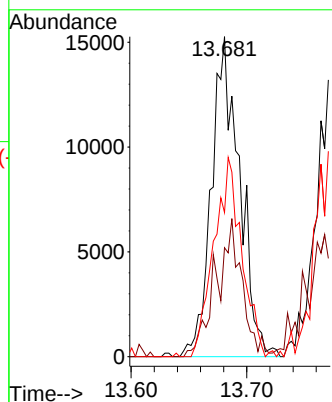
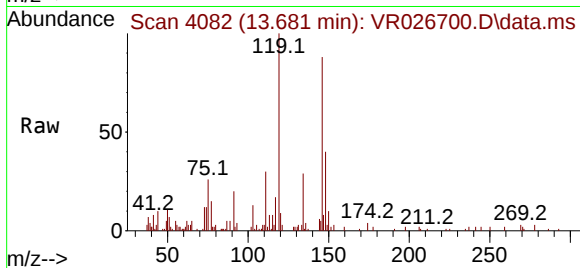




#86
1,3-Dichlorobenzene
Concen: 2.457 ug/l
RT: 13.681 min Scan# 4082
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

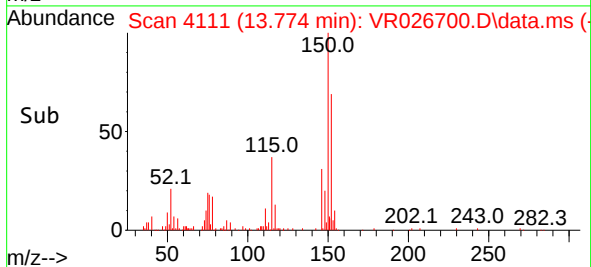
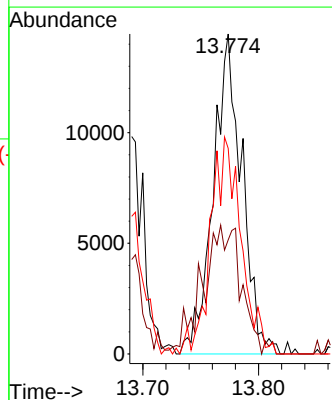
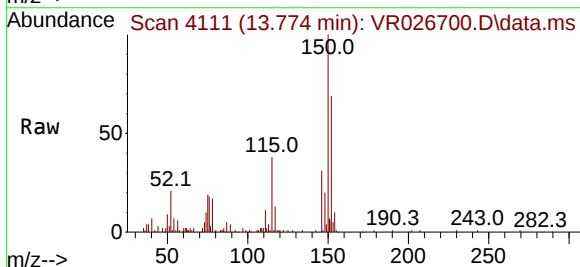
Instrument :
MSVOA_R
ClientSampleId :
MDL02

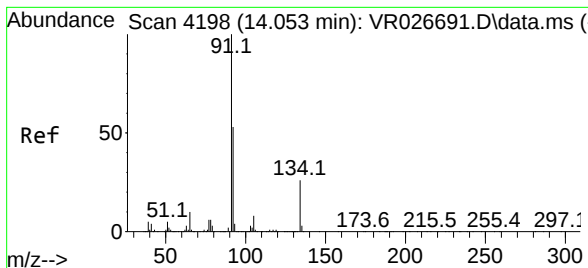
Tgt Ion:146 Resp: 25730
Ion Ratio Lower Upper
146 100
111 24.6 19.4 58.2
148 61.1 31.4 94.3



#87
1,4-Dichlorobenzene
Concen: 2.370 ug/l
RT: 13.774 min Scan# 4111
Delta R.T. 0.003 min
Lab File: VR026700.D
Acq: 4 Aug 2025 16:47

Tgt Ion:146 Resp: 24909
Ion Ratio Lower Upper
146 100
111 19.8 19.1 57.3
148 70.2 32.6 97.8





#88

n-Butylbenzene

Concen: 2.372 ug/l

RT: 14.063 min Scan# 4198

Delta R.T. 0.010 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

MDL02

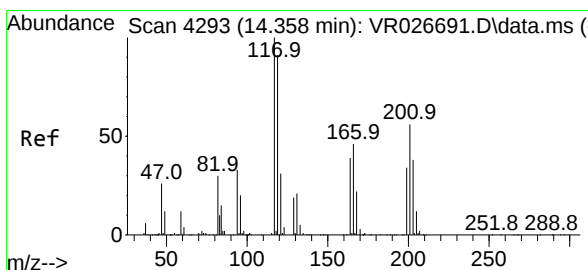
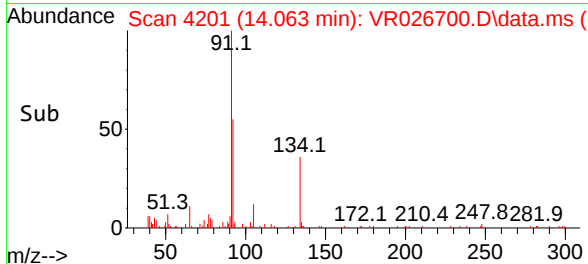
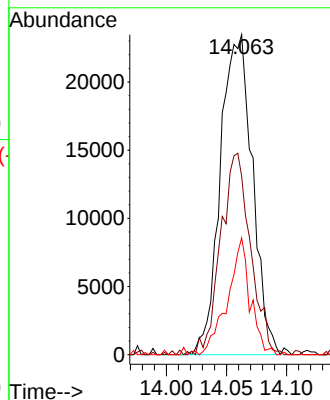
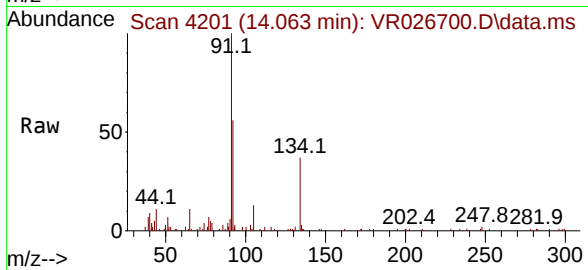
Tgt Ion: 91 Resp: 43394

Ion Ratio Lower Upper

91 100

92 58.4 27.1 81.2

134 25.8 13.1 39.3



#89

Hexachloroethane

Concen: 0.822 ug/l

RT: 14.355 min Scan# 4292

Delta R.T. -0.003 min

Lab File: VR026700.D

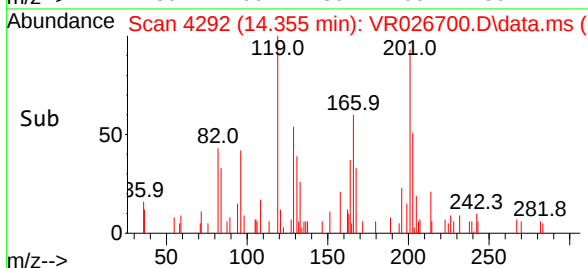
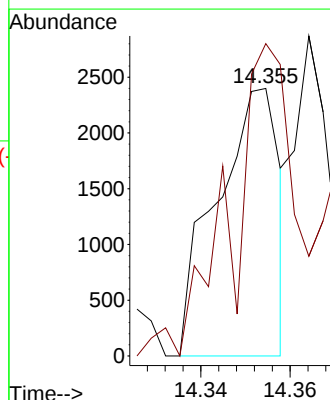
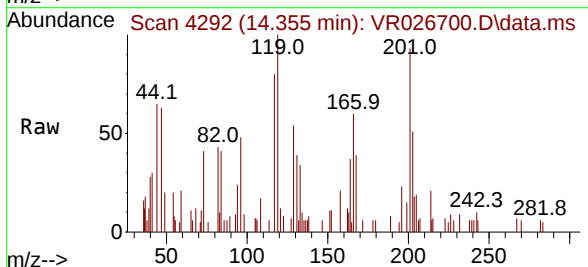
Acq: 4 Aug 2025 16:47

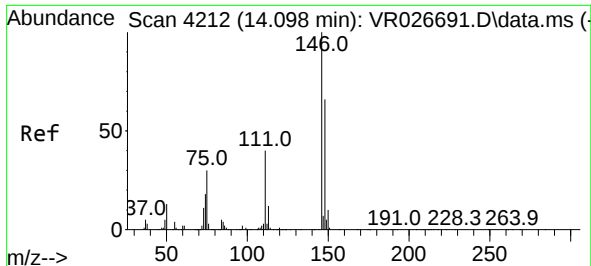
Tgt Ion: 117 Resp: 2344

Ion Ratio Lower Upper

117 100

201 115.2 30.6 92.0#

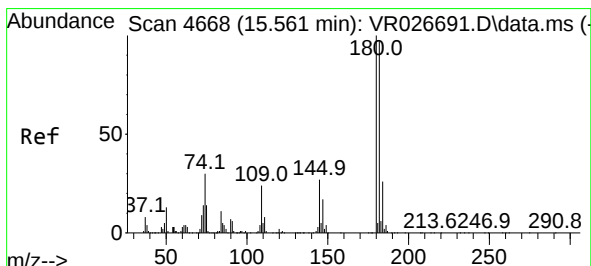
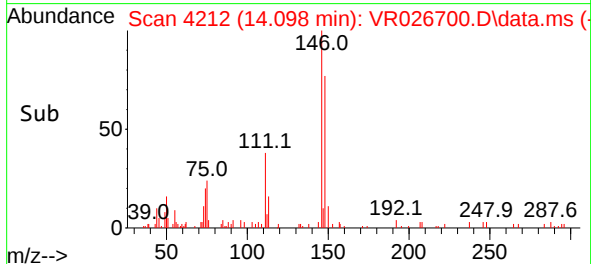
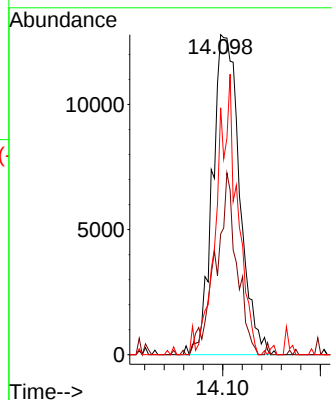
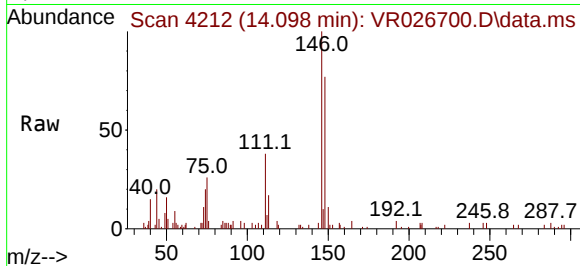




#90
 1,2-Dichlorobenzene
 Concen: 2.508 ug/l
 RT: 14.098 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VR026700.D
 Acq: 4 Aug 2025 16:47

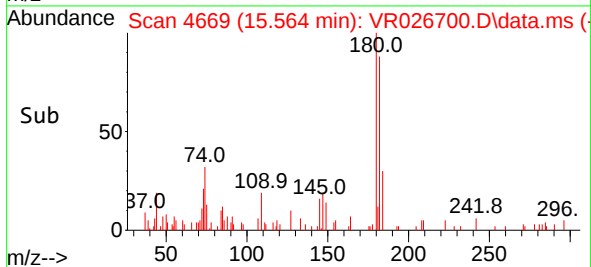
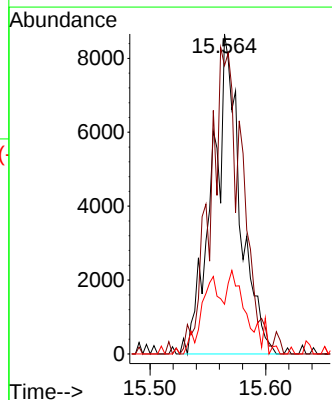
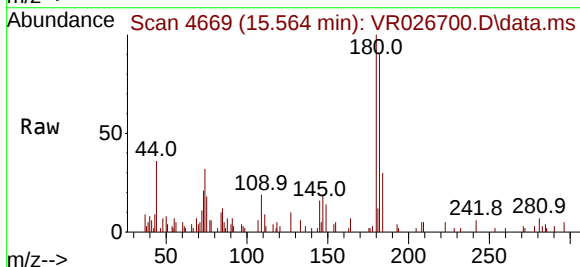
Instrument :
 MSVOA_R
 ClientSampleId :
 MDL02

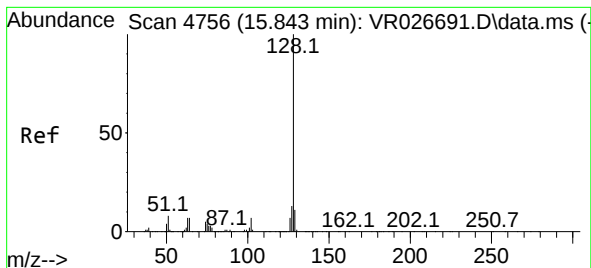
Tgt Ion:146	Resp:	24663
Ion	Ratio	Lower Upper
146	100	
111	44.6	20.0 60.0
148	66.4	32.4 97.0



#92
 1,2,4-Trichlorobenzene
 Concen: 2.481 ug/l
 RT: 15.564 min Scan# 4669
 Delta R.T. 0.003 min
 Lab File: VR026700.D
 Acq: 4 Aug 2025 16:47

Tgt Ion:180	Resp:	14588
Ion	Ratio	Lower Upper
180	100	
182	79.3	47.0 141.0
145	18.3	15.2 45.5





#94

Naphthalene

Concen: 1.573 ug/l

RT: 15.840 min Scan# 4756

Delta R.T. -0.003 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Instrument :

MSVOA_R

ClientSampleId :

MDL02

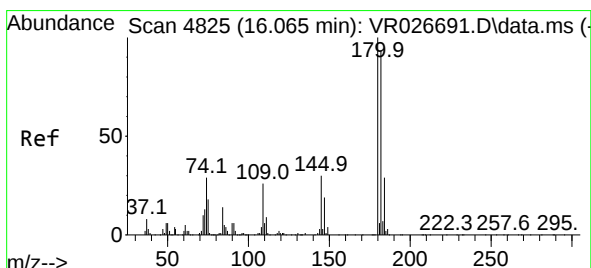
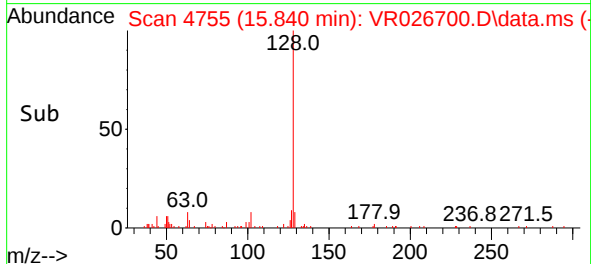
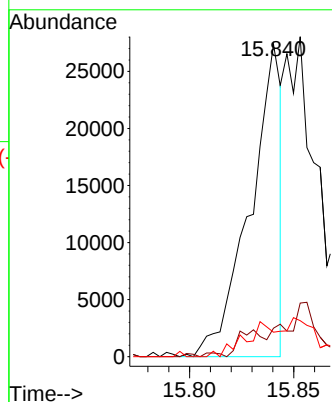
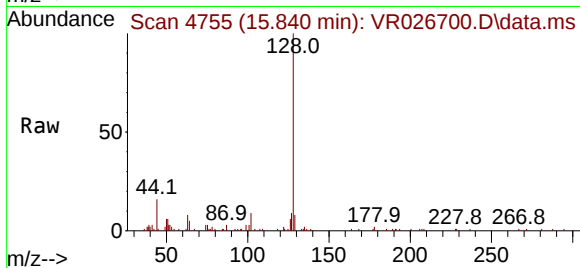
Tgt Ion:128 Resp: 28350

Ion Ratio Lower Upper

128 100

127 7.0 9.8 14.8#

129 9.9 8.6 13.0



#95

1,2,3-Trichlorobenzene

Concen: 2.715 ug/l

RT: 16.068 min Scan# 4826

Delta R.T. 0.003 min

Lab File: VR026700.D

Acq: 4 Aug 2025 16:47

Tgt Ion:180 Resp: 15161

Ion Ratio Lower Upper

180 100

182 101.4 47.2 141.6

145 29.1 15.5 46.5

