

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR080525\
 Data File : VR026710.D
 Acq On : 5 Aug 2025 13:35
 Operator : SY/MD
 Sample : MDL04
 Misc : 5mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Aug 06 01:23:32 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	7.298	168	389397	50.000	ug/l	0.00
33) 1,4-Difluorobenzene	8.322	114	719143	50.000	ug/l	0.00
62) Chlorobenzene-d5	11.531	117	551543	50.000	ug/l	-0.01
71) 1,4-Dichlorobenzene-d4	13.735	152	253366	50.000	ug/l	-0.01

System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.683	65	264127	53.592	ug/l	-0.01
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.180%	
34) Dibromofluoromethane	7.195	113	211420	47.532	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.060%	
49) Toluene-d8	10.032	98	830356	52.107	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.220%	
61) 4-Bromofluorobenzene	12.670	95	223764	49.369	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.740%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.660	85	6596	2.324	ug/l #	68
3) Chloromethane	1.837	50	9952	2.359	ug/l	96
4) Vinyl Chloride	1.958	62	11240	2.607	ug/l	90
5) Bromomethane	2.299	94	7784	3.706	ug/l	83
6) Chloroethane	2.417	64	7747	2.791	ug/l #	31
7) Trichlorofluoromethane	2.713	101	24187	3.113	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.380	101	10894	2.599	ug/l #	74
10) Methyl Iodide	3.540	142	3929	0.971	ug/l #	66
11) Tert butyl alcohol	4.339	59	3557	4.613	ug/l	95
12) 1,1-Dichloroethene	3.361	96	9005	2.174	ug/l #	44
13) Acrolein	3.252	56	4986	4.423	ug/l	99
14) Allyl chloride	3.877	41	6990	0.858	ug/l #	28
15) Acrylonitrile	4.481	53	46753	15.274	ug/l #	85
16) Acetone	3.441	43	34216	14.792	ug/l	94
17) Carbon Disulfide	3.637	76	6028	0.983	ug/l #	74
18) Methyl Acetate	3.897	43	9177	0.951	ug/l #	57
19) Methyl tert-butyl Ether	4.554	73	16657	1.005	ug/l	96
20) Methylene Chloride	4.089	84	12718	2.317	ug/l #	55
21) trans-1,2-Dichloroethene	4.532	96	8257	1.813	ug/l #	58
22) Diisopropyl ether	5.466	45	43384	2.272	ug/l #	85
23) Vinyl Acetate	5.392	43	153373	14.086	ug/l #	92
24) 1,1-Dichloroethane	5.354	63	3476	0.359	ug/l #	78
25) 2-Butanone	6.377	43	55897	15.613	ug/l #	85
26) 2,2-Dichloropropane	6.339	77	7834	1.172	ug/l	90
27) cis-1,2-Dichloroethene	6.348	96	13183	2.250	ug/l	59
28) Bromochloromethane	6.746	49	6470	1.857	ug/l #	65
29) Chloroform	6.952	83	21972	2.623	ug/l	89
30) Cyclohexane	7.276	56	11377	1.457	ug/l #	82
31) 1,1,1-Trichloroethane	7.179	97	13805	2.281	ug/l #	40
35) 1,1-Dichloropropene	7.426	75	13952	2.486	ug/l #	69
36) Ethyl Acetate	6.477	43	7359	1.095	ug/l #	76
37) Carbon Tetrachloride	7.404	117	5158	1.129	ug/l #	61
38) Methylcyclohexane	8.883	83	13806	2.149	ug/l #	82
39) Benzene	7.709	78	47837	2.367	ug/l #	86
40) Methacrylonitrile	6.724	41	12325	2.952	ug/l #	60
41) 1,2-Dichloroethane	7.783	62	6273	1.220	ug/l	97

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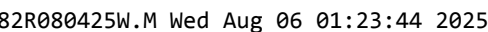
Instrument :
 MSVOA_R
 ClientSampleId :

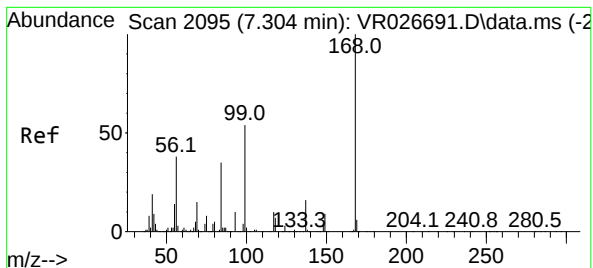
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Isopropyl Acetate	7.869	43	30085	2.785	ug/l #	78
43) Trichloroethene	8.604	130	9024	2.322	ug/l	72
44) 1,2-Dichloropropane	8.922	63	6897	1.442	ug/l	90
45) Dibromomethane	9.012	93	3642	1.369	ug/l #	45
46) Bromodichloromethane	9.239	83	12377	2.402	ug/l #	76
47) Methyl methacrylate	9.028	41	11463	2.425	ug/l #	88
48) 1,4-Dioxane	9.024	88	3117	40.931	ug/l #	72
50) 4-Methyl-2-Pentanone	9.917	43	78522	13.924	ug/l	95
51) Toluene	10.099	92	25770	2.498	ug/l	96
52) t-1,3-Dichloropropene	10.363	75	10149	2.010	ug/l	98
53) cis-1,3-Dichloropropene	9.740	75	11502	1.899	ug/l #	88
54) 1,1,2-Trichloroethane	10.558	97	4058	1.077	ug/l #	80
55) Ethyl methacrylate	10.427	69	13967	2.245	ug/l #	89
56) 1,3-Dichloropropane	10.728	76	17388	2.710	ug/l #	83
57) 2-Chloroethyl Vinyl ether	9.281	63	260	0.756	ug/l	94
58) 2-Hexanone	10.793	43	53237	14.004	ug/l	98
59) Dibromochloromethane	10.953	129	6837	2.144	ug/l	61
60) 1,2-Dibromoethane	11.069	107	9140	2.819	ug/l #	76
63) Tetrachloroethene	10.639	164	3602	1.195	ug/l #	51
64) Chlorobenzene	11.566	112	28309	2.466	ug/l	90
65) 1,1,1,2-Tetrachloroethane	11.649	131	6885	2.196	ug/l	96
66) Ethyl Benzene	11.656	91	41298	2.155	ug/l	100
67) m/p-Xylenes	11.778	106	33117	4.325	ug/l	100
68) o-Xylene	12.147	106	18681	2.513	ug/l	79
69) Styrene	12.179	104	26878	2.164	ug/l #	88
70) Bromoform	12.349	173	3408	1.921	ug/l #	85
72) Isopropylbenzene	12.503	105	39284	2.175	ug/l	93
73) N-amyl acetate	12.298	43	16450	2.297	ug/l	95
74) 1,1,2,2-Tetrachloroethane	12.779	83	14062	2.654	ug/l #	61
75) 1,2,3-Trichloropropane	12.843	75	14161	3.372	ug/l #	100
76) Bromobenzene	12.811	156	9356	2.239	ug/l	60
77) n-propylbenzene	12.882	91	24327	1.129	ug/l #	56
78) 2-Chlorotoluene	12.978	91	29454	2.410	ug/l	97
79) 1,3,5-Trimethylbenzene	13.045	105	30053	2.128	ug/l	95
80) trans-1,4-Dichloro-2-b...	12.667	75	108637	75.339	ug/l #	16
81) 4-Chlorotoluene	13.090	91	27986	2.241	ug/l	93
82) tert-Butylbenzene	13.344	119	27995	2.180	ug/l	95
83) 1,2,4-Trimethylbenzene	13.395	105	30498	2.182	ug/l	97
84) sec-Butylbenzene	13.539	105	43009	2.258	ug/l	88
85) p-Isopropyltoluene	13.671	119	33059	2.129	ug/l	93
86) 1,3-Dichlorobenzene	13.761	146	23624	2.883	ug/l	94
87) 1,4-Dichlorobenzene	13.761	146	23624	2.873	ug/l	92
88) n-Butylbenzene	14.046	91	32328	2.258	ug/l	96
89) Hexachloroethane	14.342	117	2052	0.920	ug/l	74
90) 1,2-Dichlorobenzene	14.095	146	21305	2.769	ug/l	98
92) 1,2,4-Trichlorobenzene	15.548	180	11591	2.519	ug/l	64
93) Hexachlorobutadiene	15.667	225	1731	1.158	ug/l	67
94) Naphthalene	15.827	128	42425	3.009	ug/l #	82
95) 1,2,3-Trichlorobenzene	16.055	180	8656	1.981	ug/l #	69

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.298 min Scan# 2095

Delta R.T. -0.006 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

Instrument :

MSVOA_R

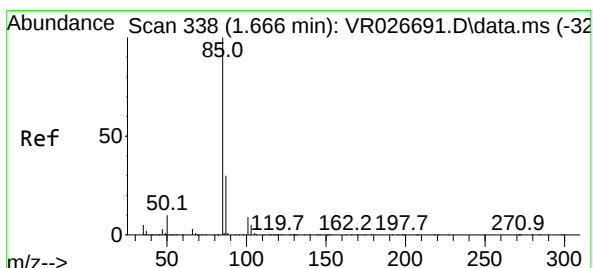
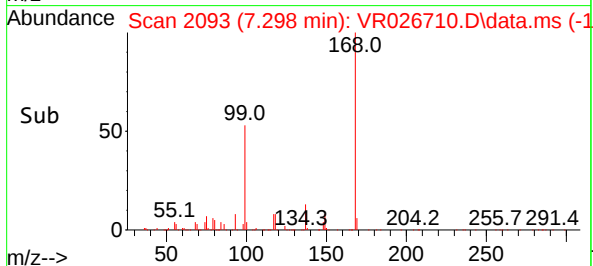
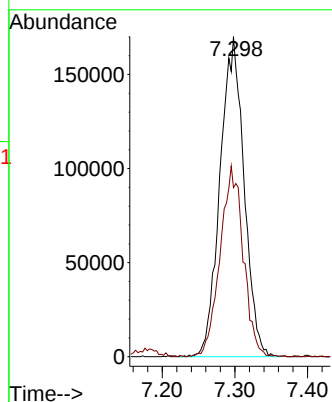
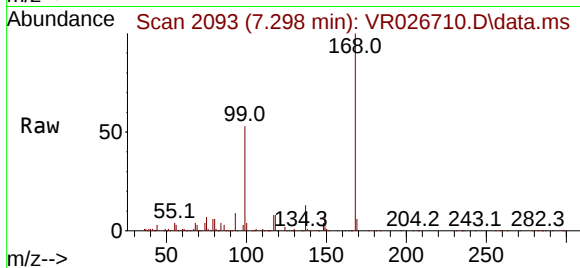
ClientSampleId :

Tgt Ion:168 Resp: 389397

Ion Ratio Lower Upper

168 100

99 52.6 43.8 65.8



#2

Dichlorodifluoromethane

Concen: 2.324 ug/l

RT: 1.660 min Scan# 336

Delta R.T. -0.006 min

Lab File: VR026710.D

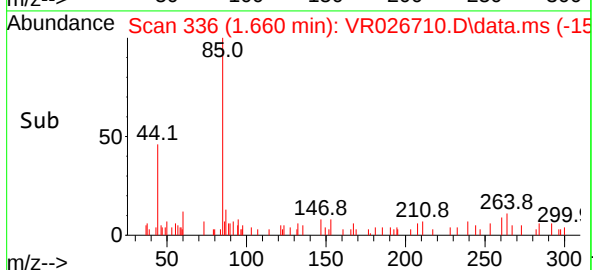
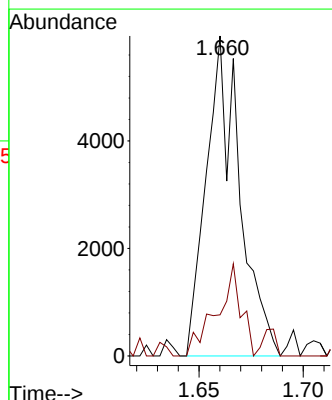
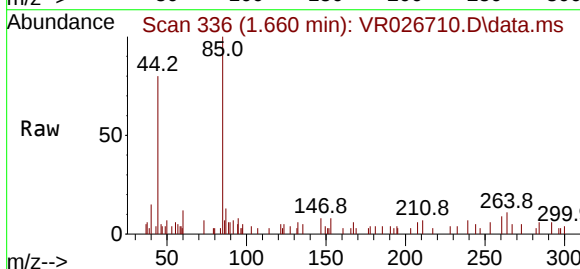
Acq: 5 Aug 2025 13:35

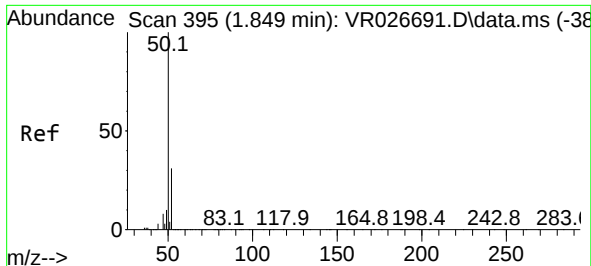
Tgt Ion: 85 Resp: 6596

Ion Ratio Lower Upper

85 100

87 12.8 15.2 45.5#

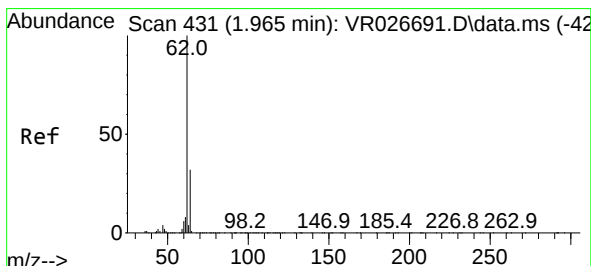
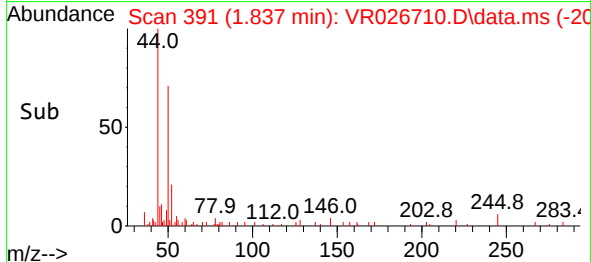
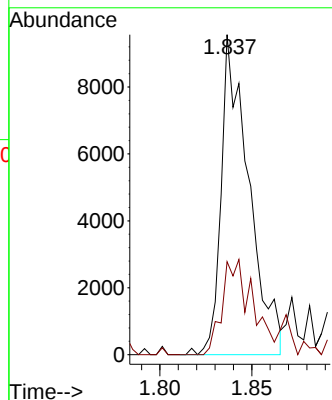
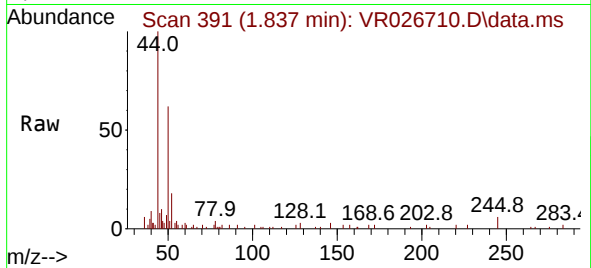




#3
Chloromethane
Concen: 2.359 ug/l
RT: 1.837 min Scan# 391
Delta R.T. -0.013 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

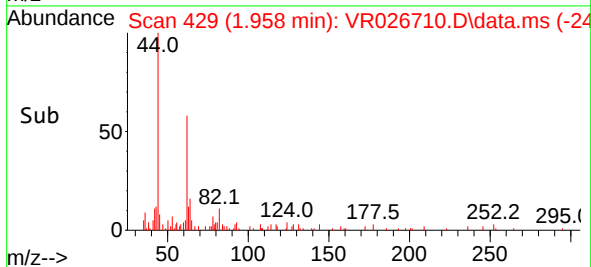
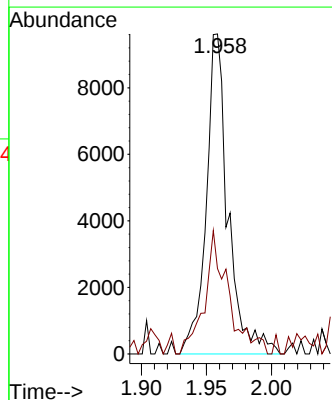
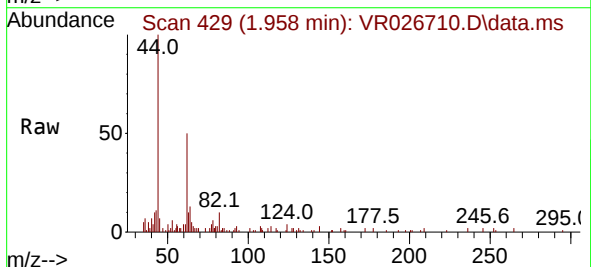
Instrument :
MSVOA_R
ClientSampleId :

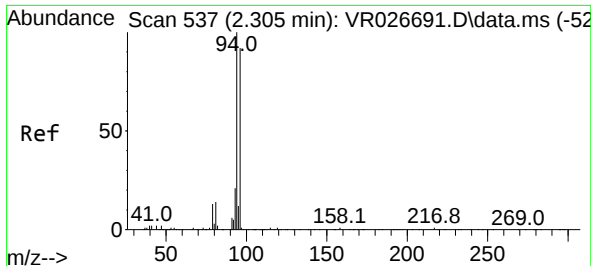
Tgt Ion: 50 Resp: 9952
Ion Ratio Lower Upper
50 100
52 29.0 25.0 37.4



#4
Vinyl Chloride
Concen: 2.607 ug/l
RT: 1.958 min Scan# 429
Delta R.T. -0.006 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 62 Resp: 11240
Ion Ratio Lower Upper
62 100
64 26.7 25.9 38.9

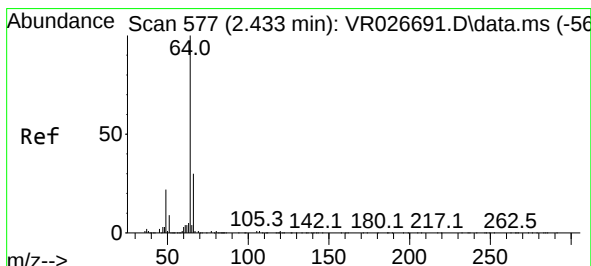
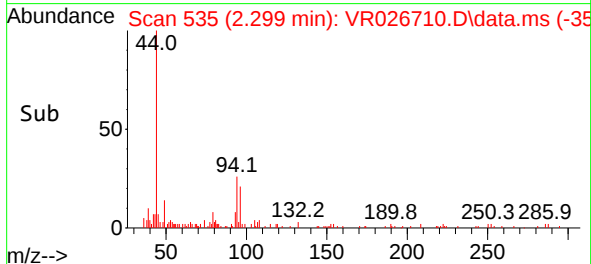
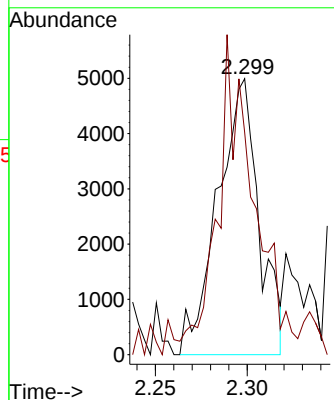
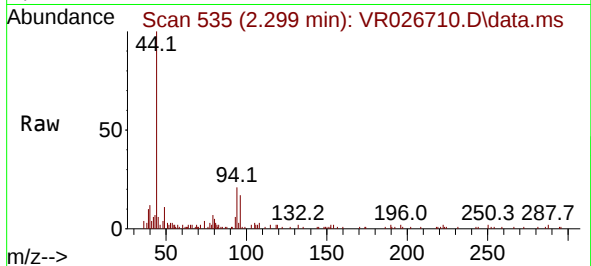




#5
Bromomethane
Concen: 3.706 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.006 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

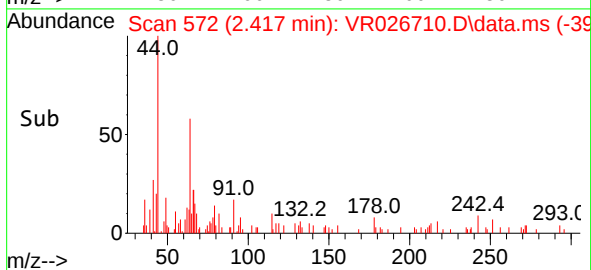
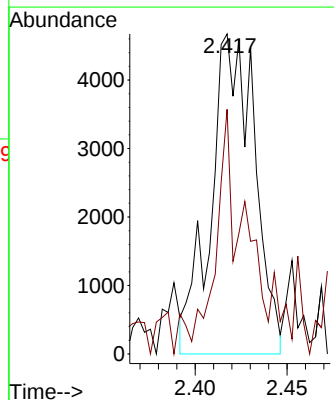
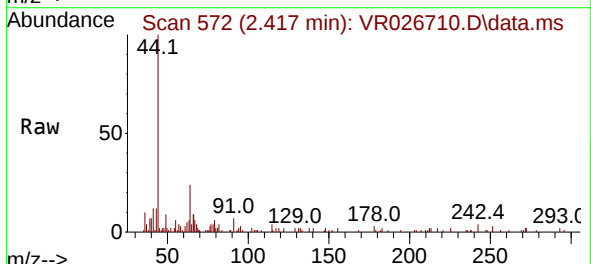
Instrument :
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ClientSampleId :

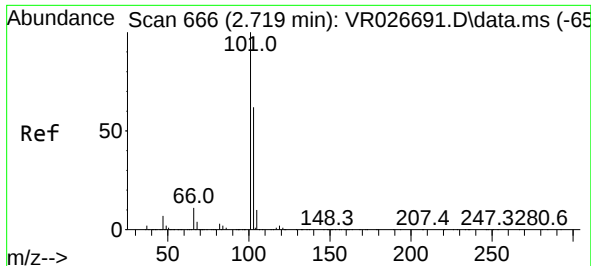
Tgt Ion: 94 Resp: 7784
Ion Ratio Lower Upper
94 100
96 75.6 73.3 109.9



#6
Chloroethane
Concen: 2.791 ug/l
RT: 2.417 min Scan# 572
Delta R.T. -0.016 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

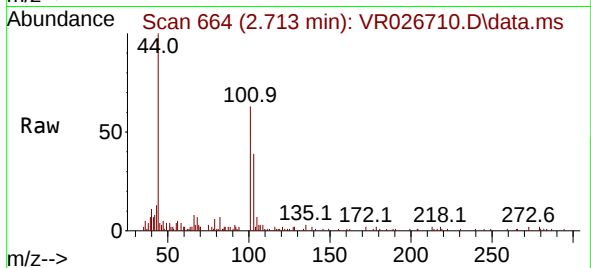
Tgt Ion: 64 Resp: 7747
Ion Ratio Lower Upper
64 100
66 67.8 24.3 36.5#



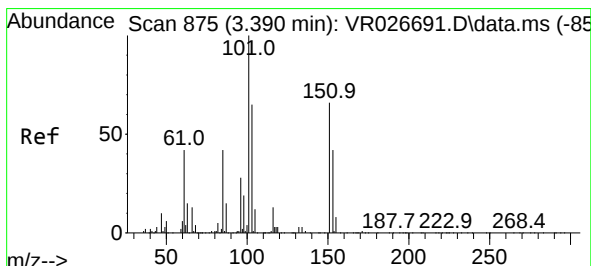
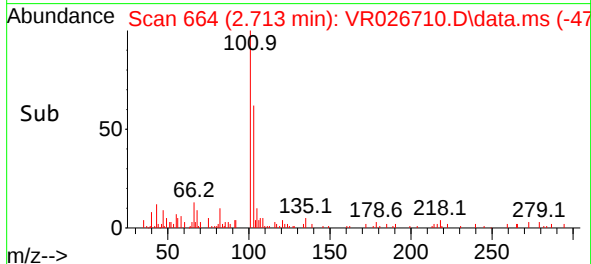
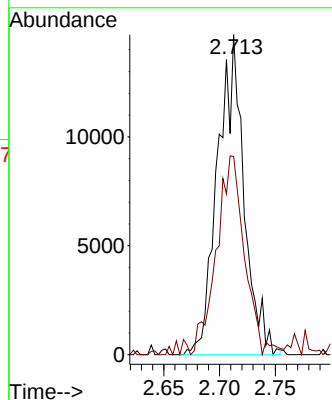


#7
 Trichlorofluoromethane
 Concen: 3.113 ug/l
 RT: 2.713 min Scan# 60
 Delta R.T. -0.006 min
 Lab File: VR026710.D
 Acq: 5 Aug 2025 13:35

Instrument :
 MSVOA_R
 ClientSampleId :

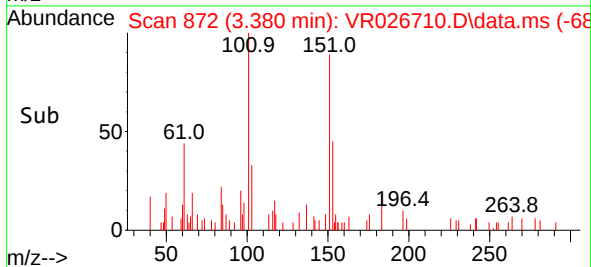
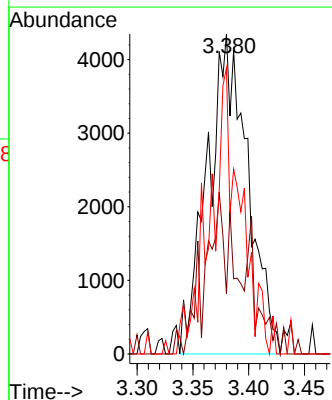
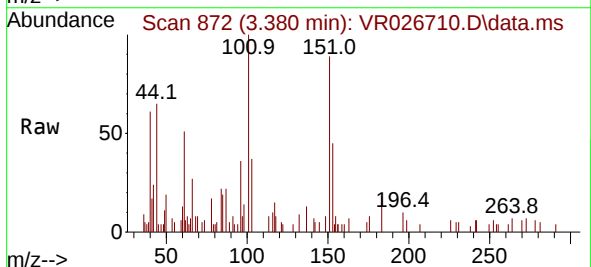


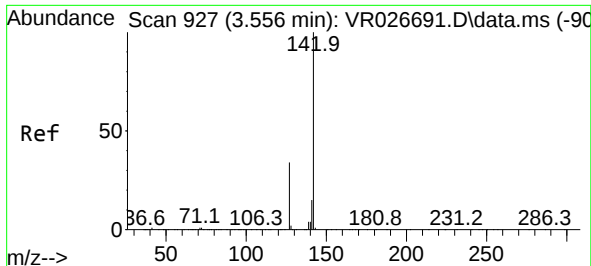
Tgt Ion:101 Resp: 24187
 Ion Ratio Lower Upper
 101 100
 103 62.9 49.4 74.2



#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 2.599 ug/l
 RT: 3.380 min Scan# 872
 Delta R.T. -0.010 min
 Lab File: VR026710.D
 Acq: 5 Aug 2025 13:35

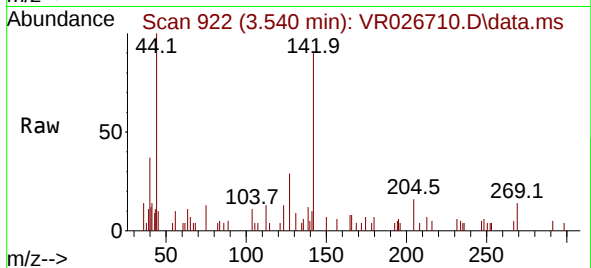
Tgt Ion:101 Resp: 10894
 Ion Ratio Lower Upper
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 85 15.6 34.5 51.7#
 151 55.3 53.4 80.0



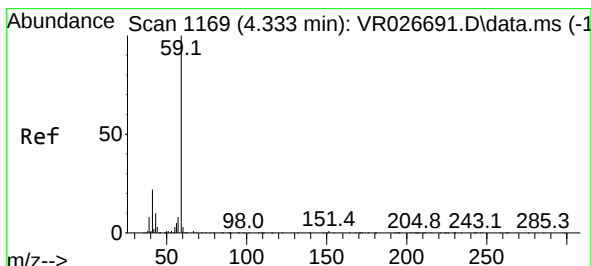
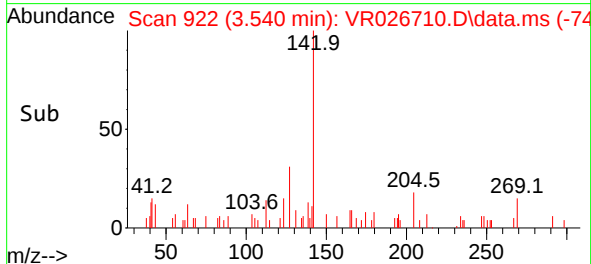
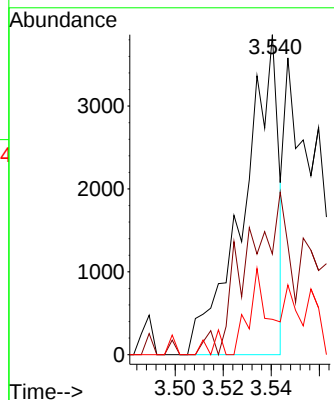


#10
Methyl Iodide
Concen: 0.971 ug/l
RT: 3.540 min Scan# 91
Delta R.T. -0.016 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Instrument :
MSVOA_R
ClientSampleId :

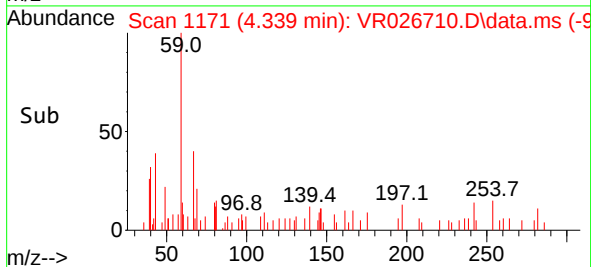
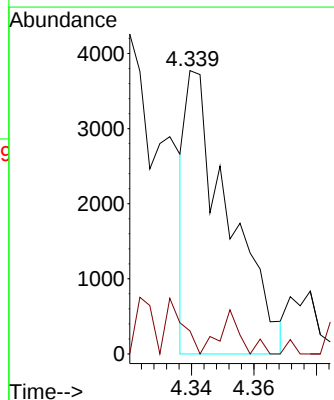
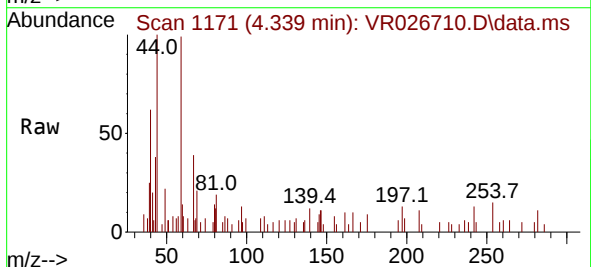


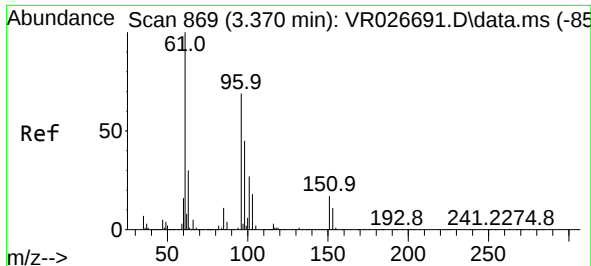
Tgt Ion:142 Resp: 3929
Ion Ratio Lower Upper
142 100
127 59.8 30.1 45.1#
141 3.7 10.8 16.2#



#11
Tert butyl alcohol
Concen: 4.613 ug/l
RT: 4.339 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 59 Resp: 3557
Ion Ratio Lower Upper
59 100
57 7.9 7.7 11.5





#12

1,1-Dichloroethene

Concen: 2.174 ug/l

RT: 3.361 min Scan# 80

Delta R.T. -0.010 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

Instrument :

MSVOA_R

ClientSampleId :

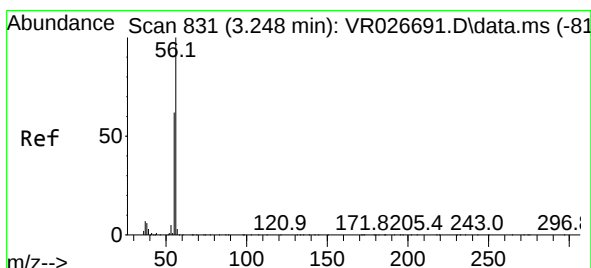
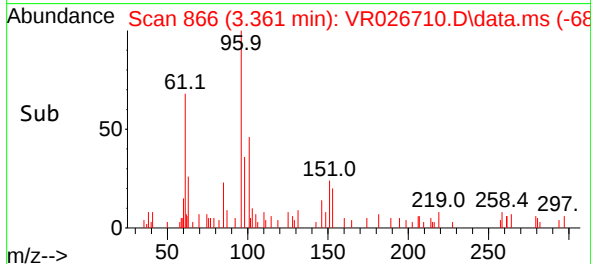
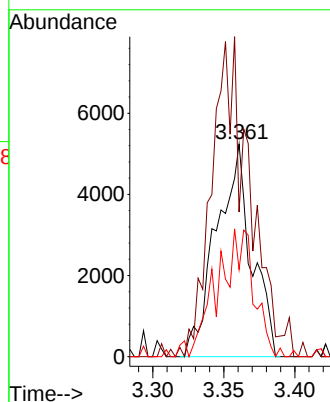
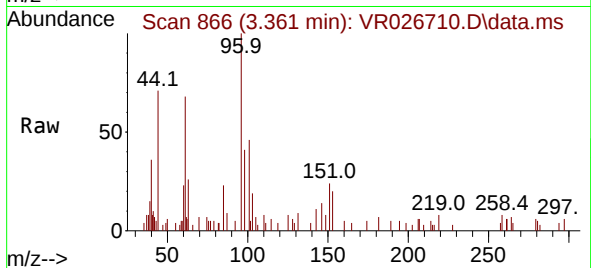
Tgt Ion: 96 Resp: 9005

Ion Ratio Lower Upper

96 100

61 63.7 116.2 174.4#

98 37.0 52.3 78.5#



#13

Acrolein

Concen: 4.423 ug/l

RT: 3.252 min Scan# 832

Delta R.T. 0.003 min

Lab File: VR026710.D

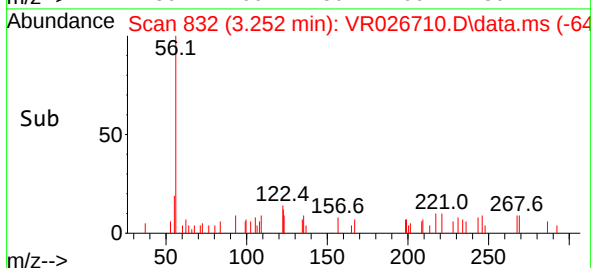
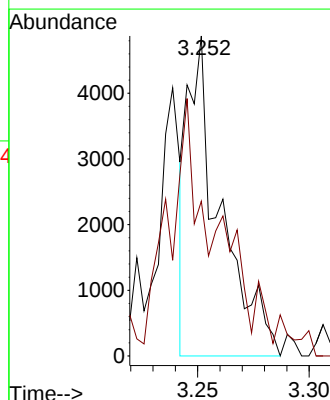
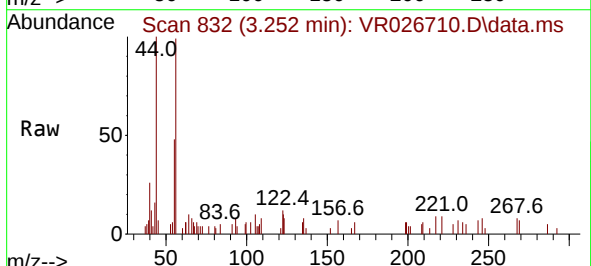
Acq: 5 Aug 2025 13:35

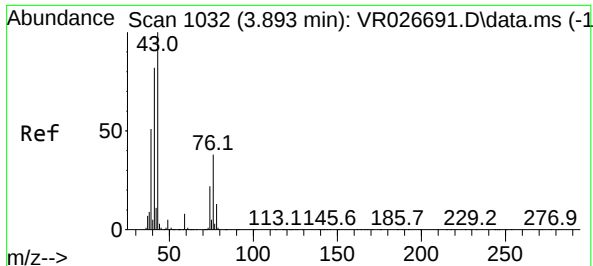
Tgt Ion: 56 Resp: 4986

Ion Ratio Lower Upper

56 100

55 68.1 53.8 80.8





#14

Allyl chloride

Concen: 0.858 ug/l

RT: 3.877 min Scan# 1027

Delta R.T. -0.016 min

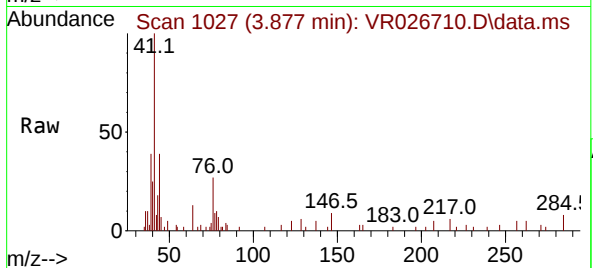
Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

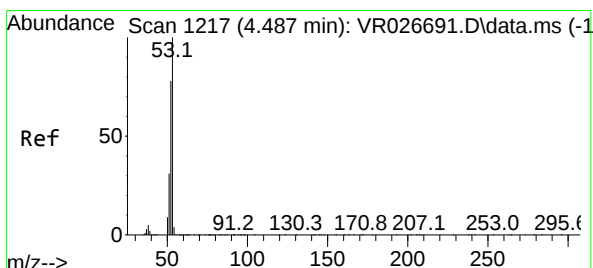
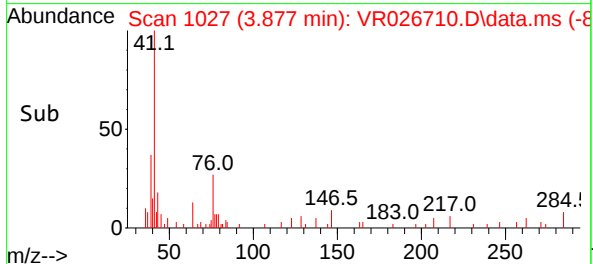
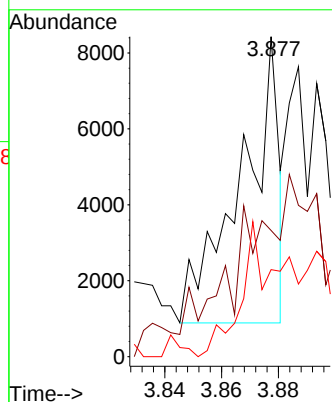
Instrument :

MSVOA_R

ClientSampleId :



Tgt Ion:	41	Resp:	6990
Ion	Ratio	Lower	Upper
41	100		
39	143.7	44.2	66.2#
76	38.3	31.0	46.4



#15

Acrylonitrile

Concen: 15.274 ug/l

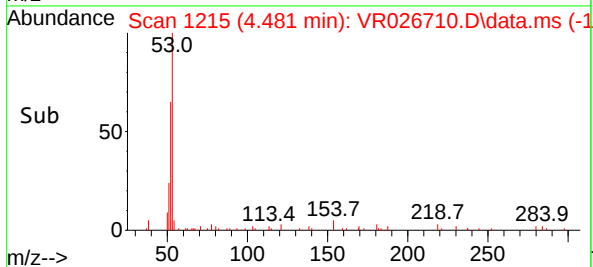
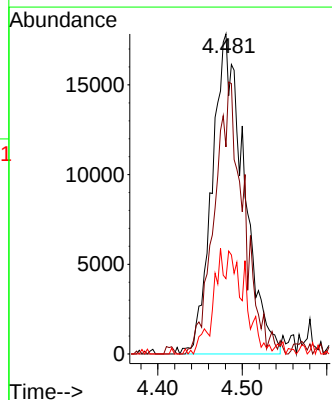
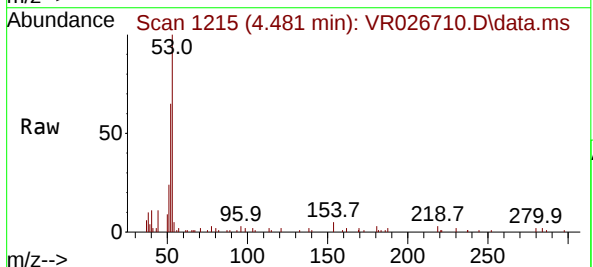
RT: 4.481 min Scan# 1215

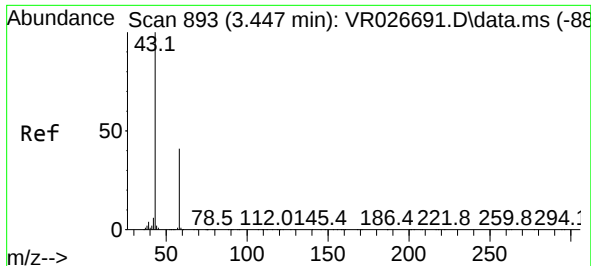
Delta R.T. -0.006 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

Tgt Ion:	53	Resp:	46753
Ion	Ratio	Lower	Upper
53	100		
52	76.5	61.4	92.2
51	4.9	25.8	38.6#

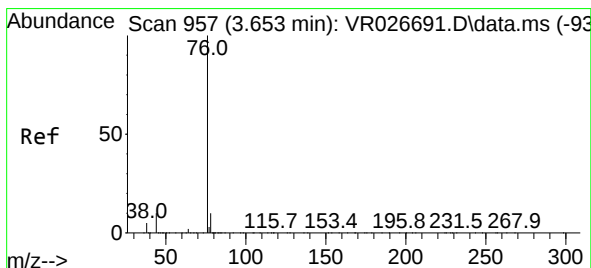
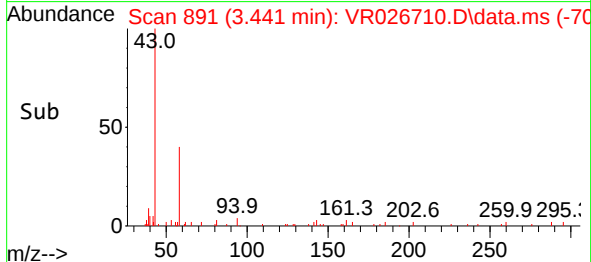
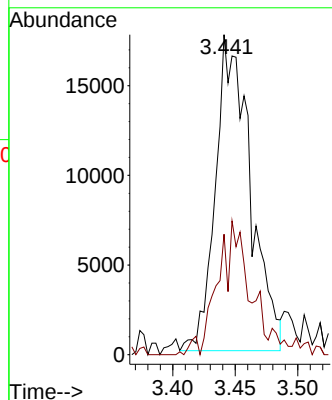
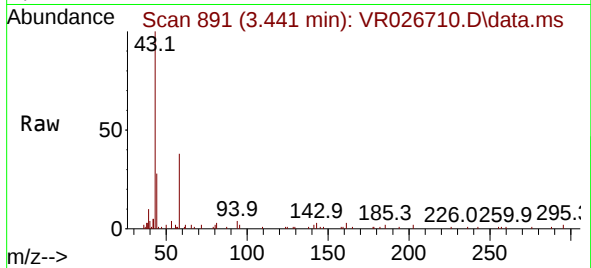




#16
Acetone
Concen: 14.792 ug/l
RT: 3.441 min Scan# 891
Delta R.T. -0.006 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

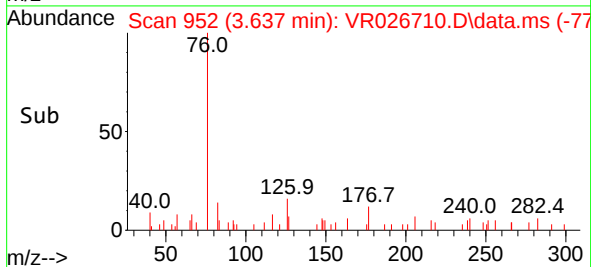
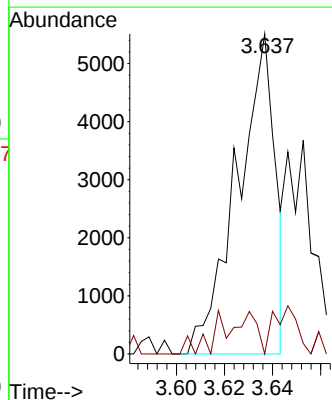
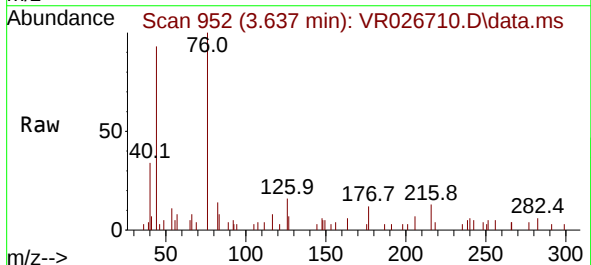
Instrument :
MSVOA_R
ClientSampleId :

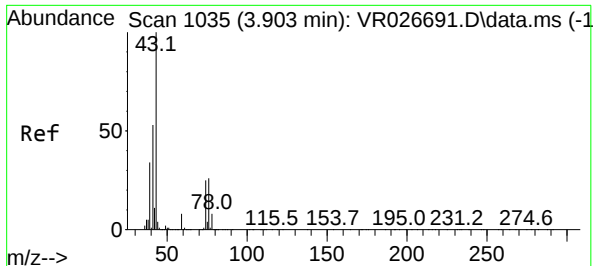
Tgt Ion: 43 Resp: 34216
Ion Ratio Lower Upper
43 100
58 37.2 32.9 49.3



#17
Carbon Disulfide
Concen: 0.983 ug/l
RT: 3.637 min Scan# 952
Delta R.T. -0.016 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 76 Resp: 6028
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#





#18

Methyl Acetate

Concen: 0.951 ug/l

RT: 3.897 min Scan# 1

Delta R.T. -0.006 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

Instrument :

MSVOA_R

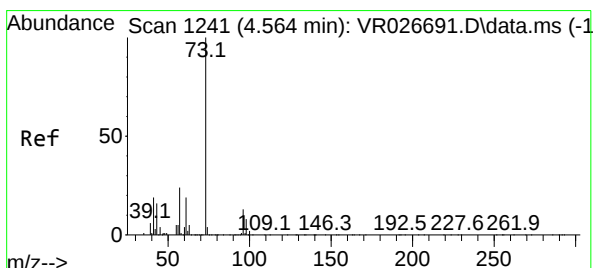
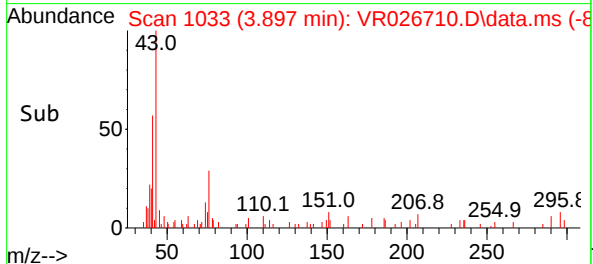
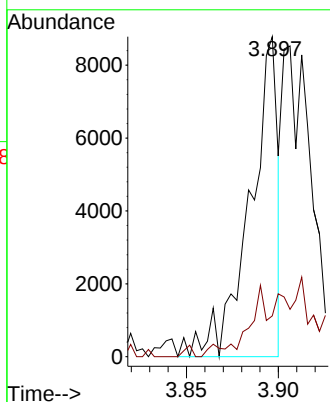
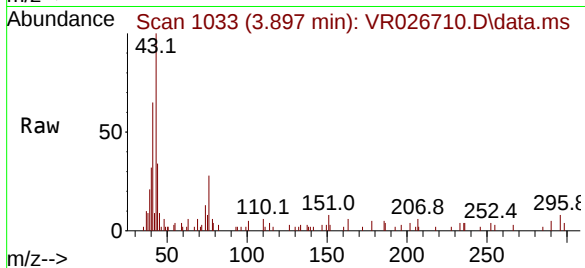
ClientSampleId :

Tgt Ion: 43 Resp: 9177

Ion Ratio Lower Upper

43 100

74 2.7 19.4 29.0#



#19

Methyl tert-butyl Ether

Concen: 1.005 ug/l

RT: 4.554 min Scan# 1238

Delta R.T. -0.010 min

Lab File: VR026710.D

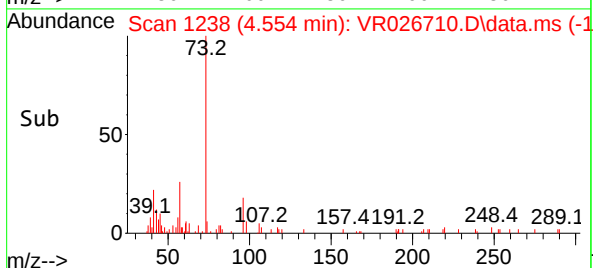
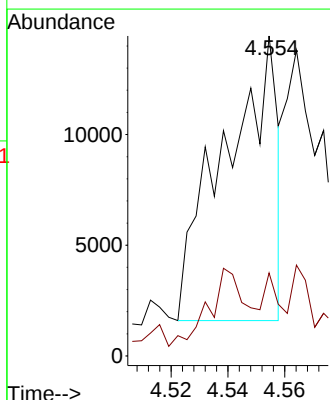
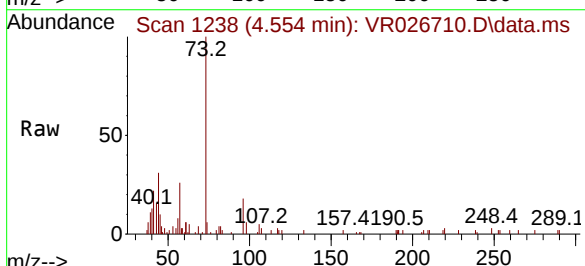
Acq: 5 Aug 2025 13:35

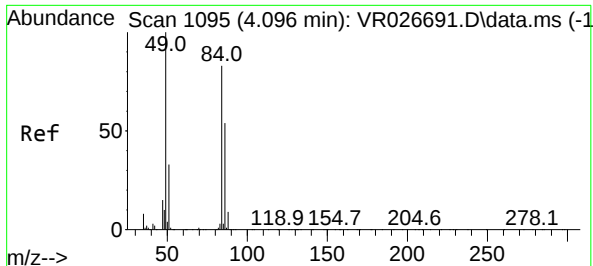
Tgt Ion: 73 Resp: 16657

Ion Ratio Lower Upper

73 100

57 22.1 19.4 29.0

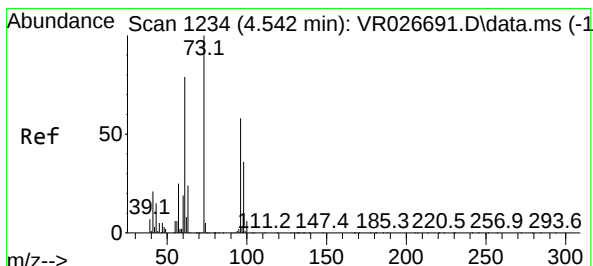
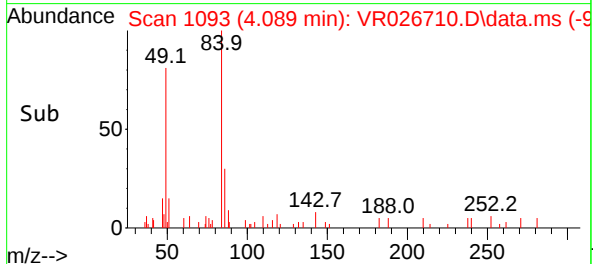
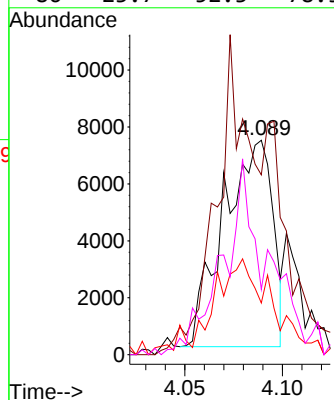
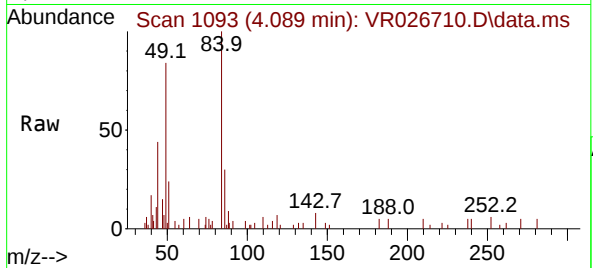




#20
Methylene Chloride
Concen: 2.317 ug/l
RT: 4.089 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

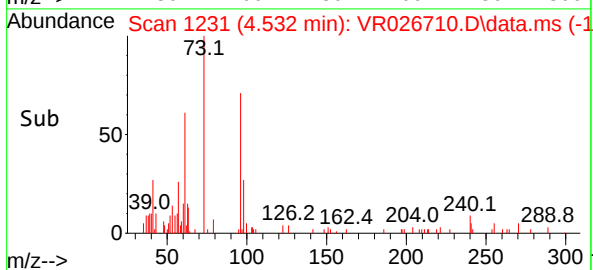
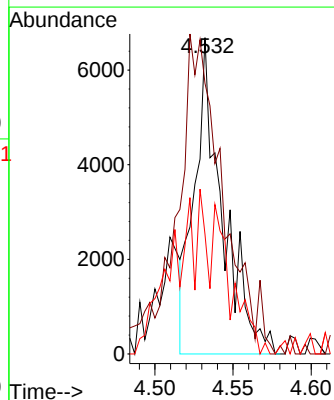
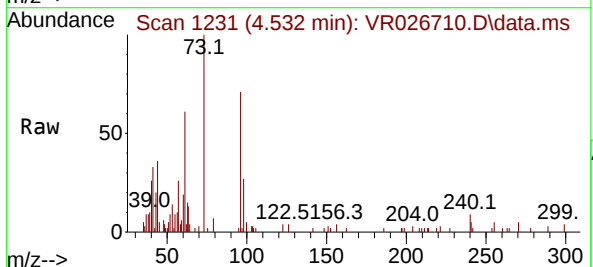
Instrument :
MSVOA_R
ClientSampleId :

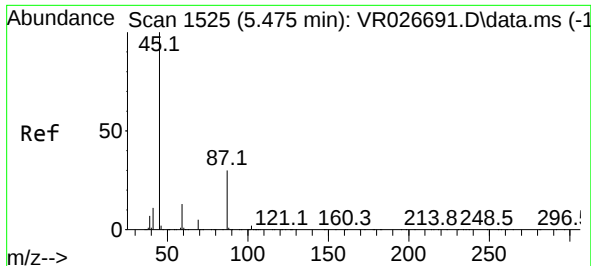
Tgt Ion: 84	Resp: 12718
Ion Ratio	Lower Upper
84 100	
49 73.7	96.2 144.4#
51 13.4	31.8 47.6#
86 23.7	52.3 78.5#



#21
trans-1,2-Dichloroethene
Concen: 1.813 ug/l
RT: 4.532 min Scan# 1231
Delta R.T. -0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

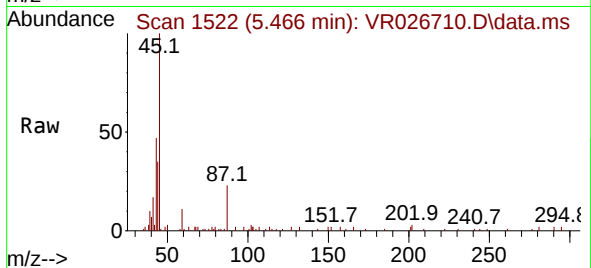
Tgt Ion: 96	Resp: 8257
Ion Ratio	Lower Upper
96 100	
61 82.9	110.3 165.5#
98 35.4	50.2 75.4#



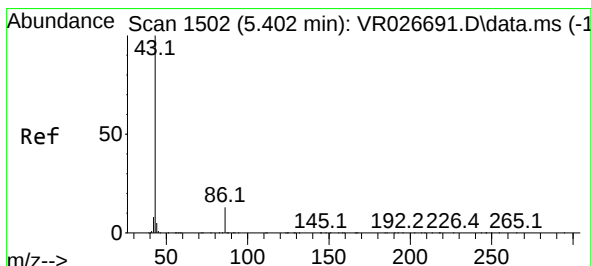
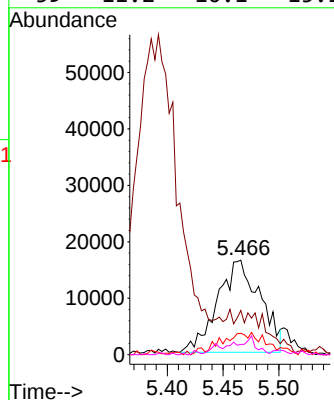
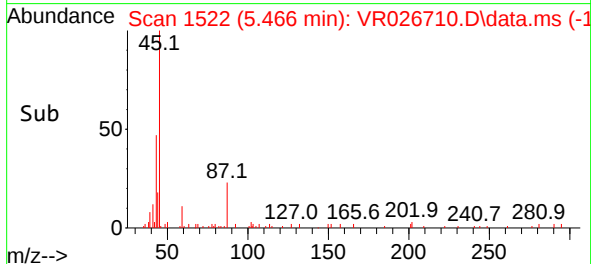


#22
Diisopropyl ether
Concen: 2.272 ug/l
RT: 5.466 min Scan# 1499
Delta R.T. -0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Instrument :
MSVOA_R
ClientSampleId :

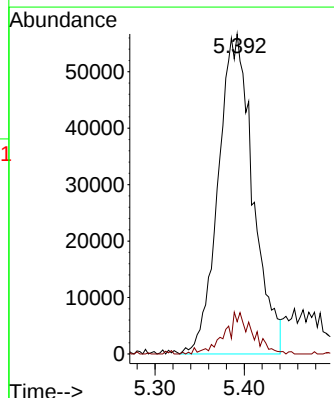
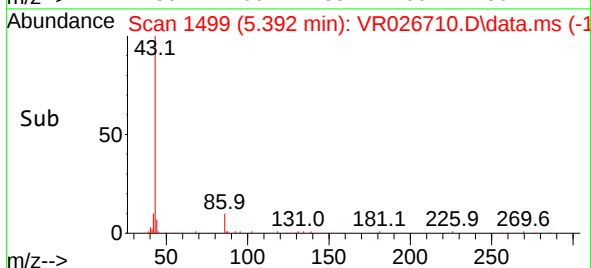
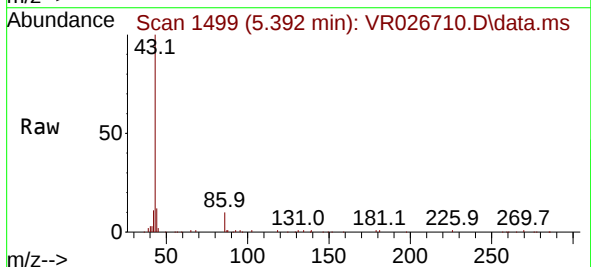


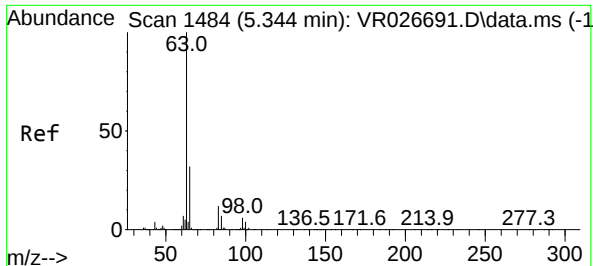
Tgt Ion:	45	Resp:	43384
Ion	Ratio	Lower	Upper
45	100		
43	35.9	38.2	57.2#
87	21.1	24.0	36.0#
59	11.2	10.1	15.1



#23
Vinyl Acetate
Concen: 14.086 ug/l
RT: 5.392 min Scan# 1499
Delta R.T. -0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion:	43	Resp:	153373
Ion	Ratio	Lower	Upper
43	100		
86	10.1	10.7	16.1#

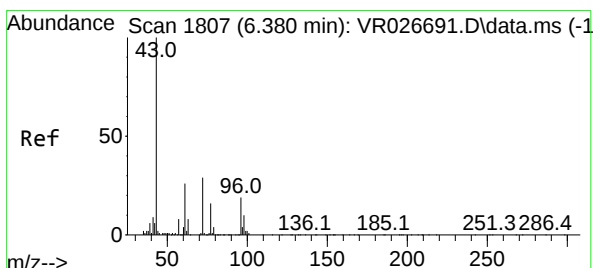
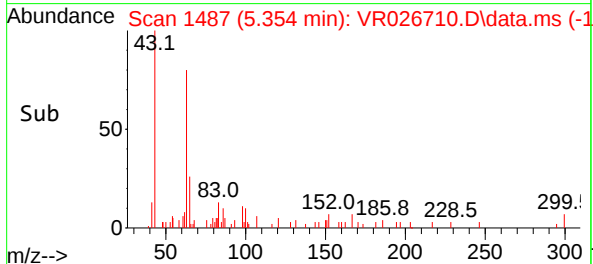
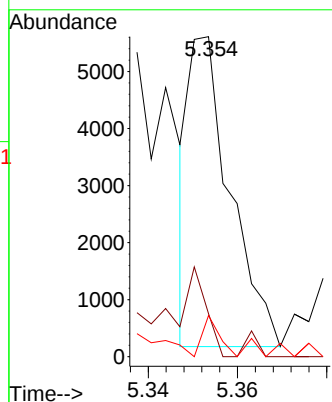
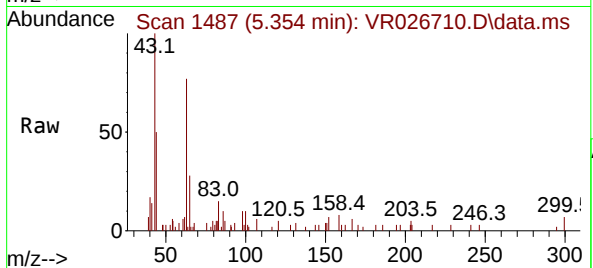




#24
1,1-Dichloroethane
Concen: 0.359 ug/l
RT: 5.354 min Scan# 1484
Delta R.T. 0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

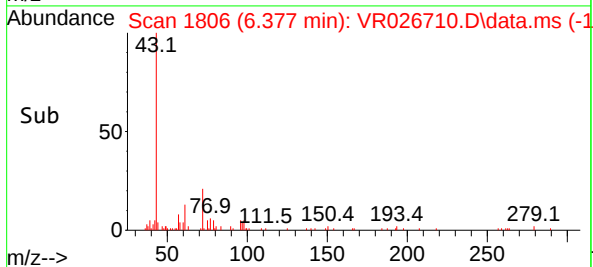
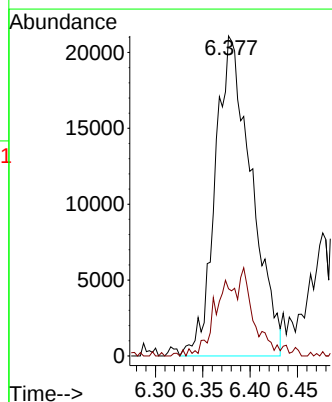
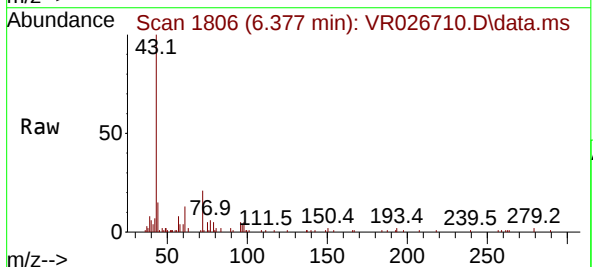
Instrument :
MSVOA_R
ClientSampleId :

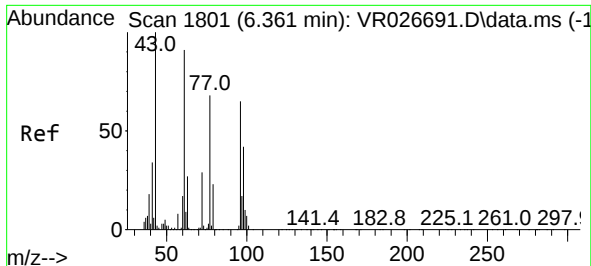
Tgt Ion: 63 Resp: 3476
Ion Ratio Lower Upper
63 100
98 13.9 2.9 8.8#
100 9.5 1.8 5.4#



#25
2-Butanone
Concen: 15.613 ug/l
RT: 6.377 min Scan# 1806
Delta R.T. -0.003 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 43 Resp: 55897
Ion Ratio Lower Upper
43 100
72 21.0 23.1 34.7#





#26

2,2-Dichloropropane

Concen: 1.172 ug/l

RT: 6.339 min Scan# 1794

Delta R.T. -0.022 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

Instrument :

MSVOA_R

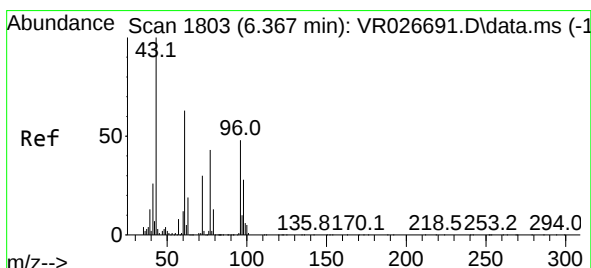
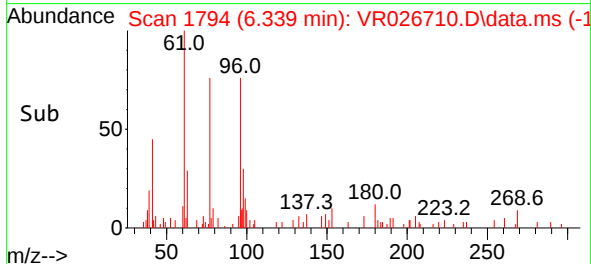
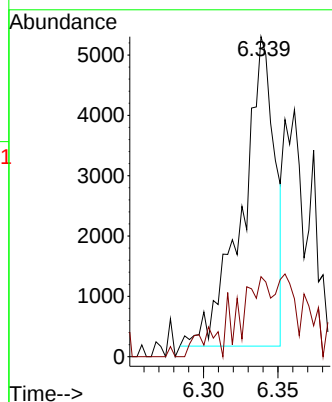
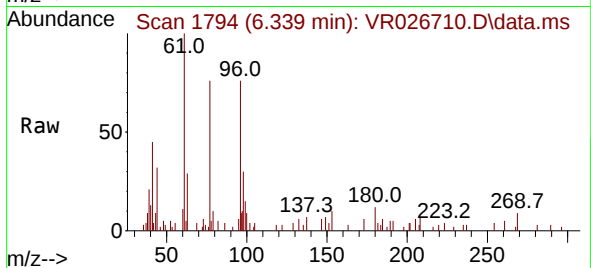
ClientSampleId :

Tgt Ion: 77 Resp: 7834

Ion Ratio Lower Upper

77 100

97 19.8 12.3 36.8



#27

cis-1,2-Dichloroethene

Concen: 2.250 ug/l

RT: 6.348 min Scan# 1797

Delta R.T. -0.019 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

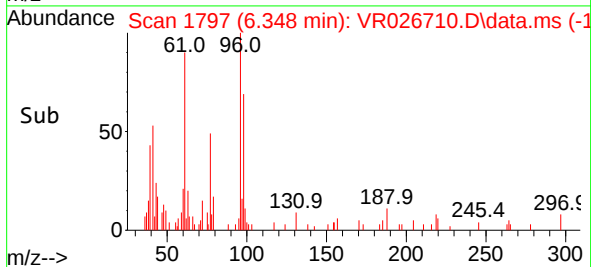
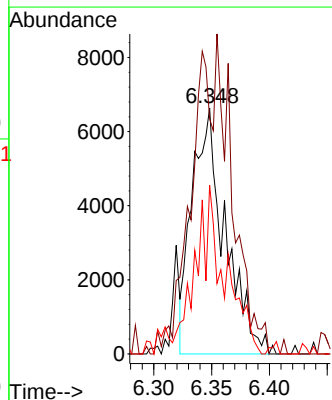
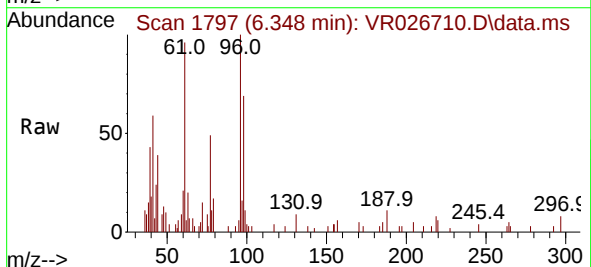
Tgt Ion: 96 Resp: 13183

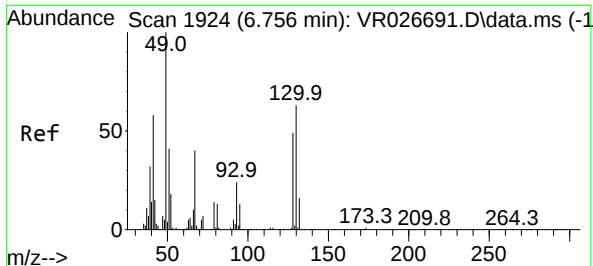
Ion Ratio Lower Upper

96 100

61 84.4 0.0 279.8

98 38.0 0.0 125.2

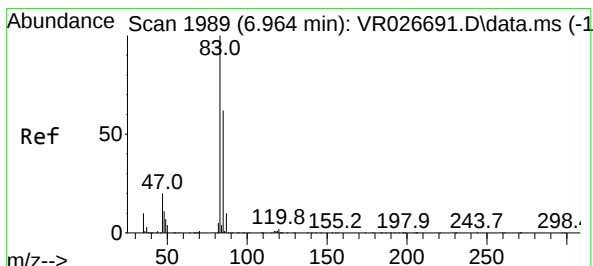
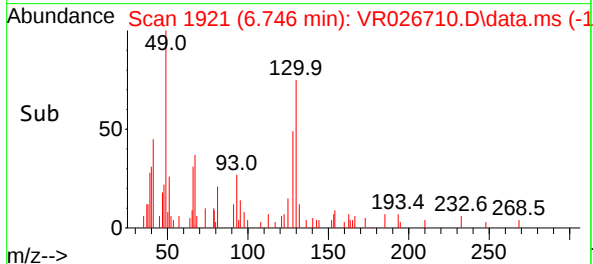
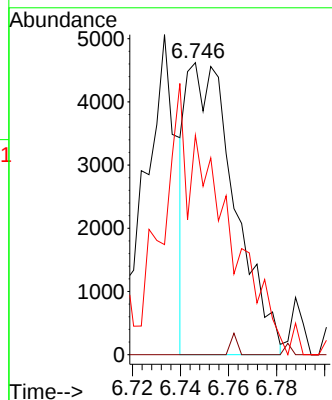
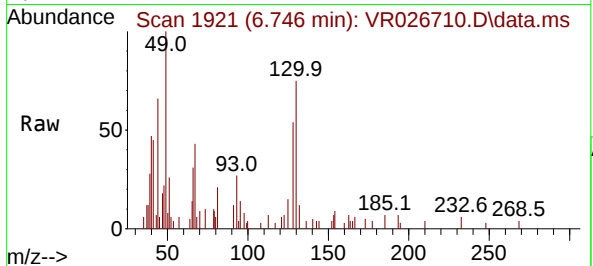




#28
Bromochloromethane
Concen: 1.857 ug/l
RT: 6.746 min Scan# 1924
Delta R.T. -0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

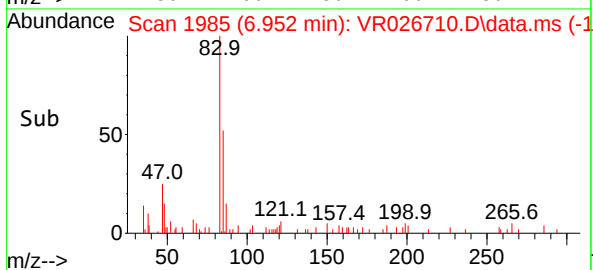
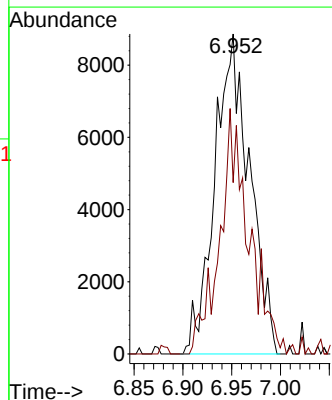
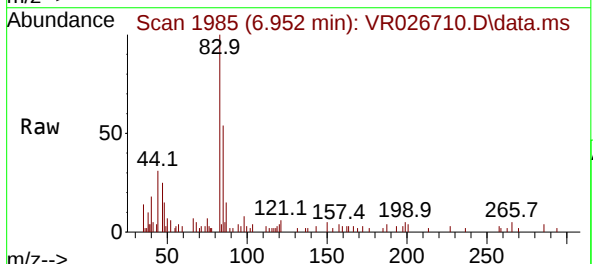
Instrument :
MSVOA_R
ClientSampleId :

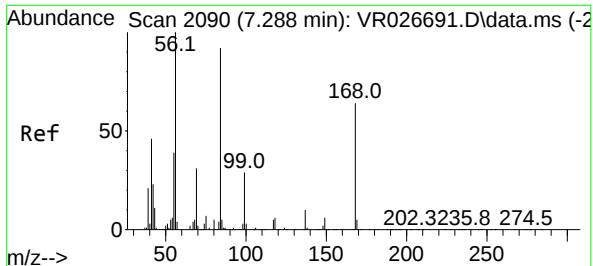
Tgt Ion: 49 Resp: 6470
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.4
130 36.8 52.2 78.4#



#29
Chloroform
Concen: 2.623 ug/l
RT: 6.952 min Scan# 1985
Delta R.T. -0.013 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 83 Resp: 21972
Ion Ratio Lower Upper
83 100
85 53.5 49.6 74.4

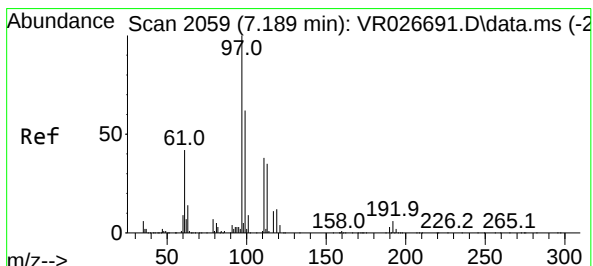
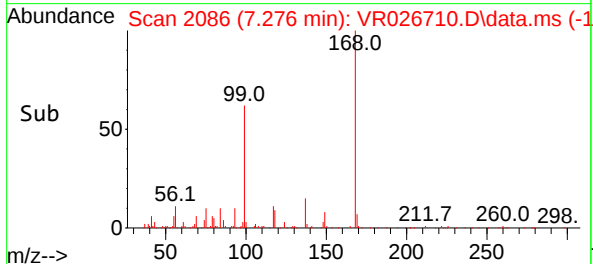
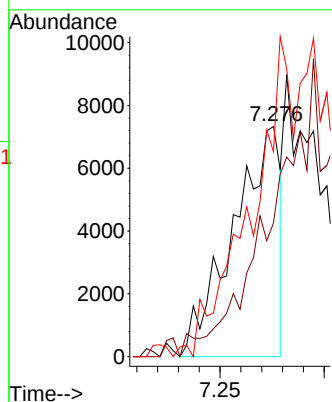
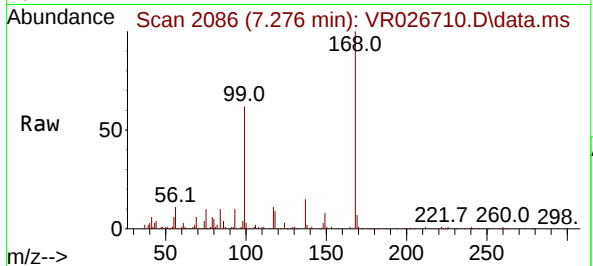




#30
Cyclohexane
Concen: 1.457 ug/l
RT: 7.276 min Scan# 2086
Delta R.T. -0.013 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

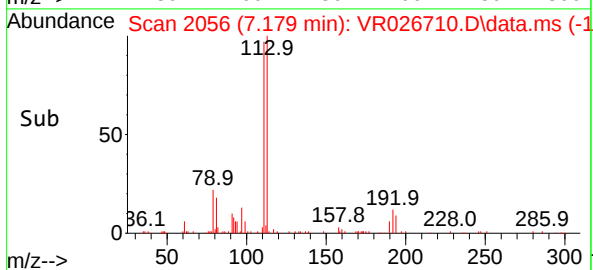
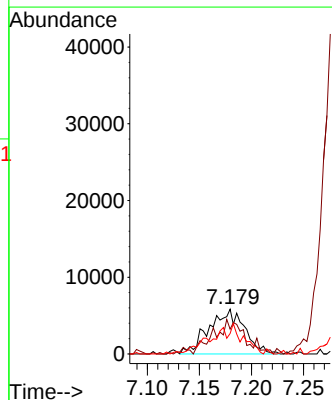
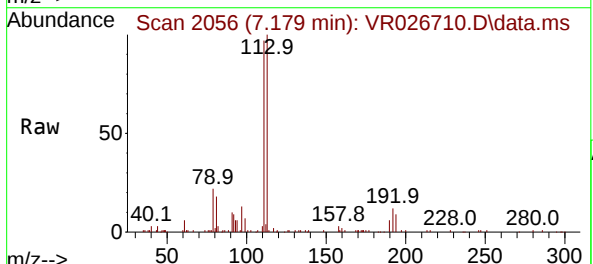
Instrument :
MSVOA_R
ClientSampleId :

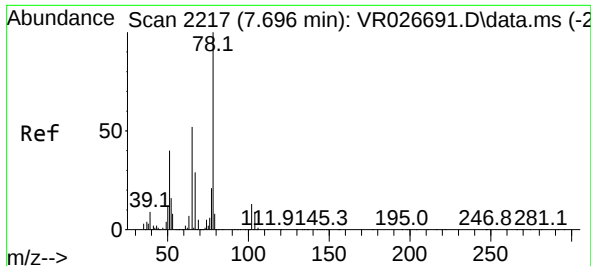
Tgt Ion: 56 Resp: 11377
Ion Ratio Lower Upper
56 100
69 58.1 24.8 37.2#
84 84.9 73.1 109.7



#31
1,1,1-Trichloroethane
Concen: 2.281 ug/l
RT: 7.179 min Scan# 2056
Delta R.T. -0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 97 Resp: 13805
Ion Ratio Lower Upper
97 100
99 0.0 51.0 76.6#
61 26.1 36.3 54.5#





#32

1,2-Dichloroethane-d4

Concen: 53.592 ug/l

RT: 7.683 min Scan# 21

Delta R.T. -0.013 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

Instrument :

MSVOA_R

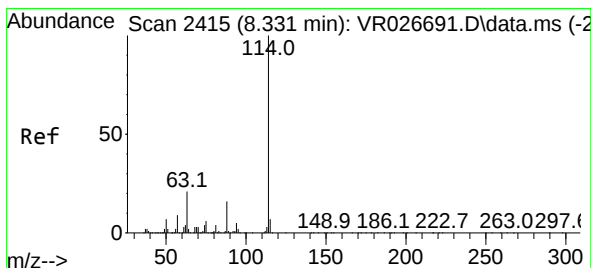
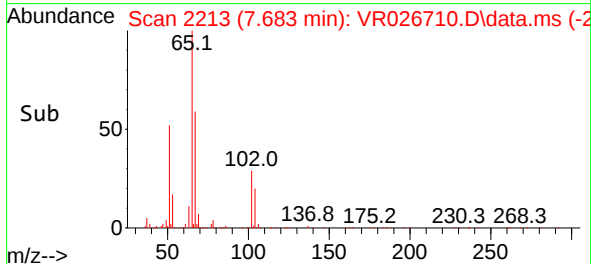
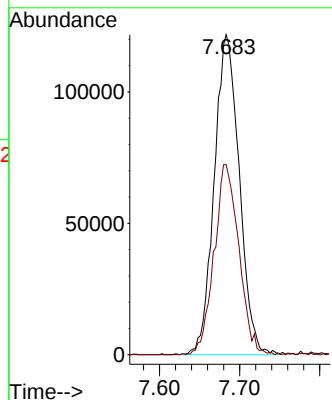
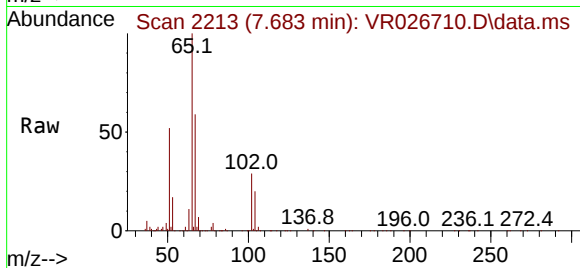
ClientSampleId :

Tgt Ion: 65 Resp: 264127

Ion Ratio Lower Upper

65 100

67 58.6 0.0 118.4



#33

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.322 min Scan# 2412

Delta R.T. -0.010 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

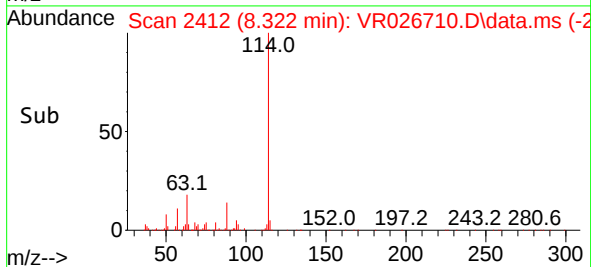
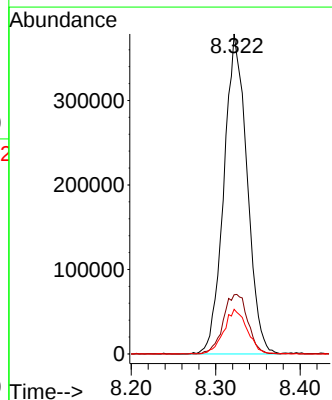
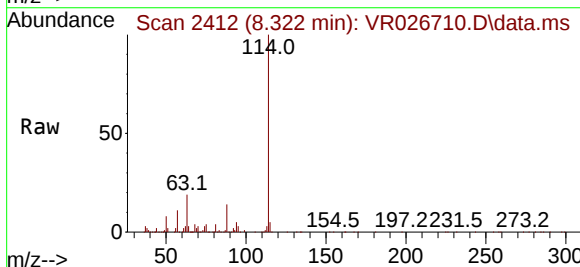
Tgt Ion:114 Resp: 719143

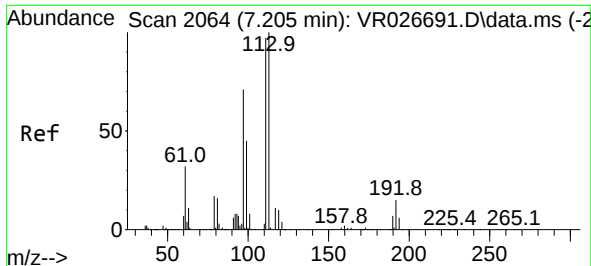
Ion Ratio Lower Upper

114 100

63 18.5 0.0 41.6

88 14.0 0.0 32.6

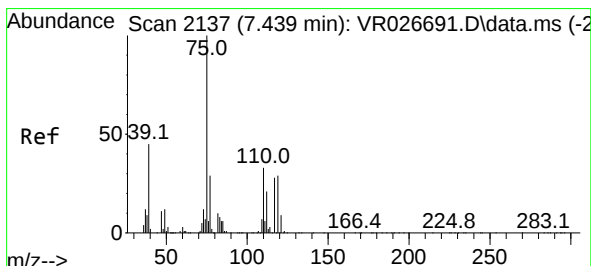
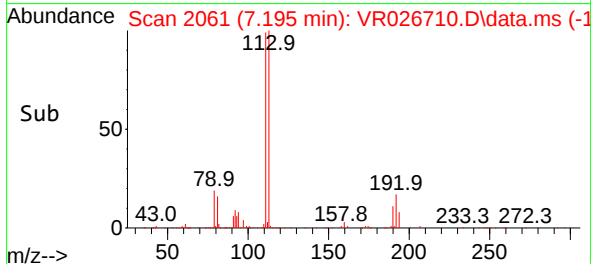
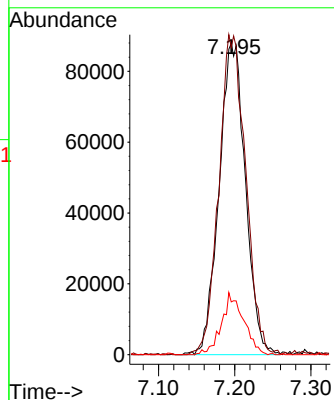
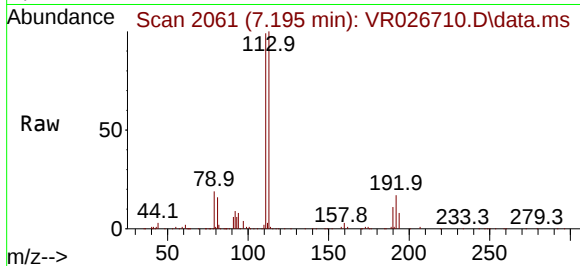




#34
Dibromofluoromethane
Concen: 47.532 ug/l
RT: 7.195 min Scan# 2061
Delta R.T. -0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

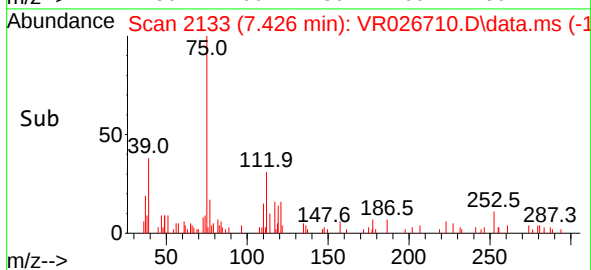
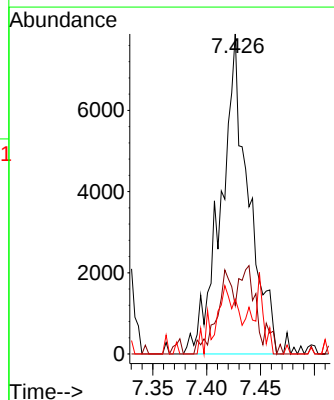
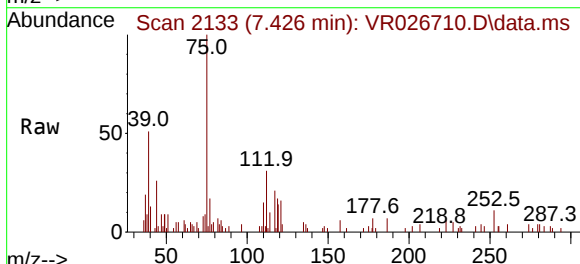
Instrument :
MSVOA_R
ClientSampleId :

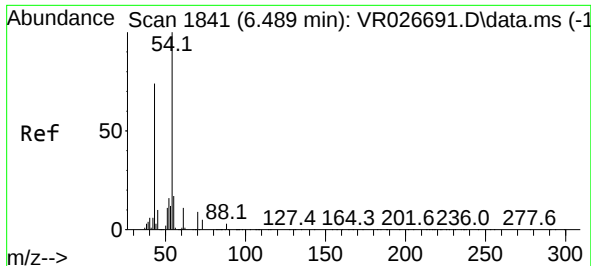
Tgt Ion:113 Resp: 211420
Ion Ratio Lower Upper
113 100
111 104.0 81.7 122.5
192 16.6 12.3 18.5



#35
1,1-Dichloropropene
Concen: 2.486 ug/l
RT: 7.426 min Scan# 2133
Delta R.T. -0.013 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 75 Resp: 13952
Ion Ratio Lower Upper
75 100
110 16.1 17.0 50.9#
77 13.9 24.6 37.0#

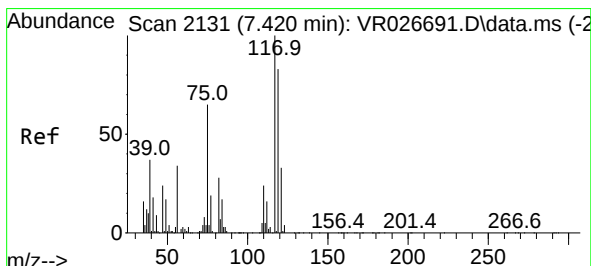
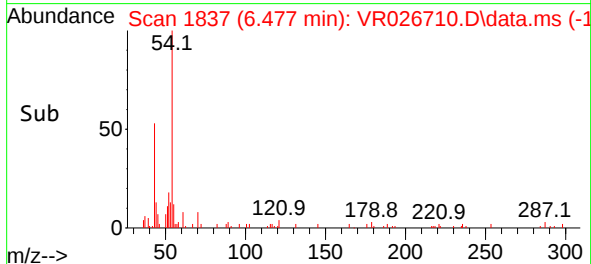
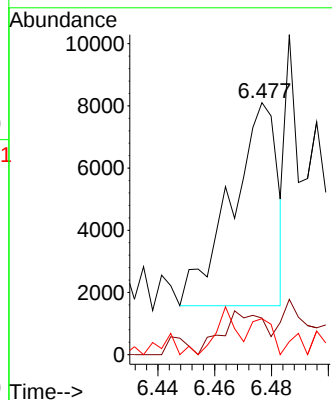
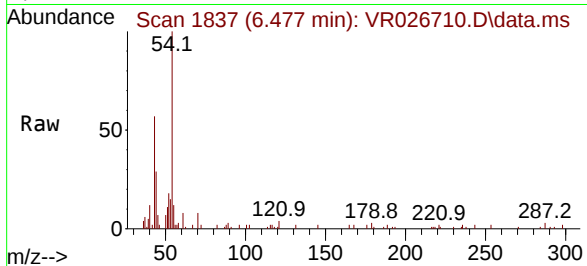




#36
Ethyl Acetate
Concen: 1.095 ug/l
RT: 6.477 min Scan# 11
Delta R.T. -0.013 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

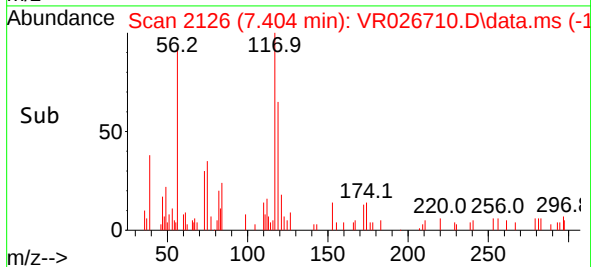
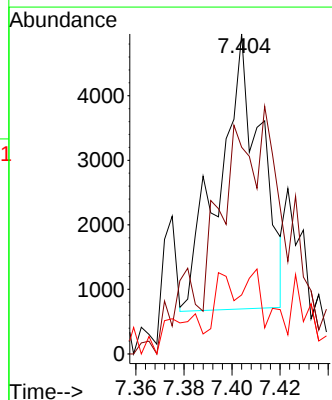
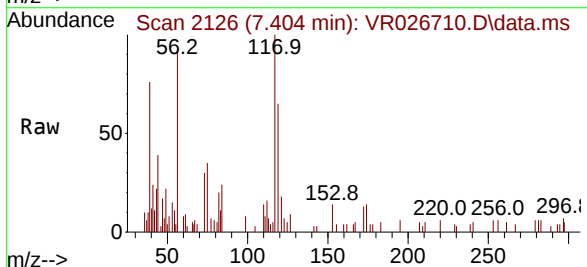
Instrument :
MSVOA_R
ClientSampleId :

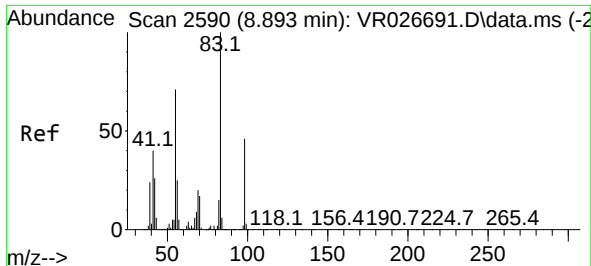
Tgt Ion: 43 Resp: 7359
Ion Ratio Lower Upper
43 100
61 0.0 12.0 18.0#
70 8.4 9.0 13.6#



#37
Carbon Tetrachloride
Concen: 1.129 ug/l
RT: 7.404 min Scan# 2126
Delta R.T. -0.016 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 117 Resp: 5158
Ion Ratio Lower Upper
117 100
119 48.8 67.0 100.4#
121 10.2 26.3 39.5#





#38

Methylcyclohexane

Concen: 2.149 ug/l

RT: 8.883 min Scan# 21

Delta R.T. -0.010 min

Lab File: VR026710.D

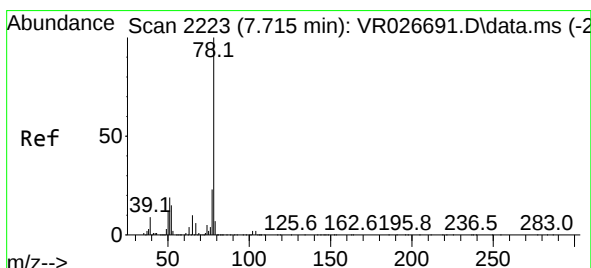
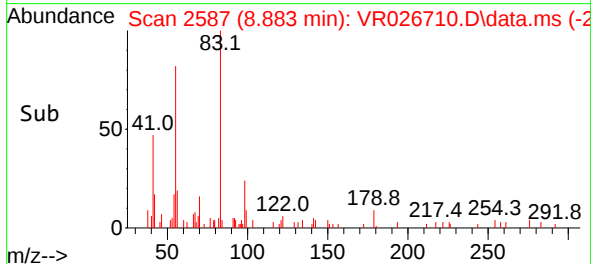
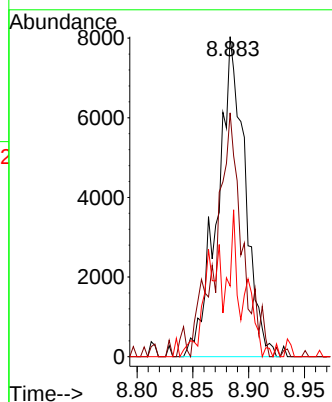
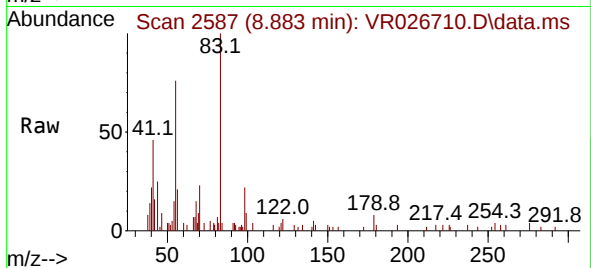
Acq: 5 Aug 2025 13:35

Instrument :

MSVOA_R

ClientSampleId :

Tgt Ion: 83	Resp: 13806
Ion Ratio	Lower Upper
83 100	
55 76.2	56.7 85.1
98 22.1	36.7 55.1#



#39

Benzene

Concen: 2.367 ug/l

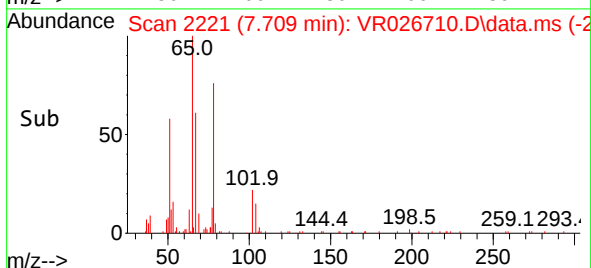
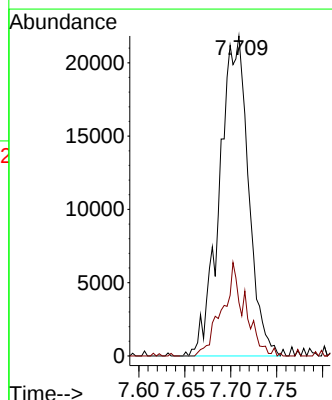
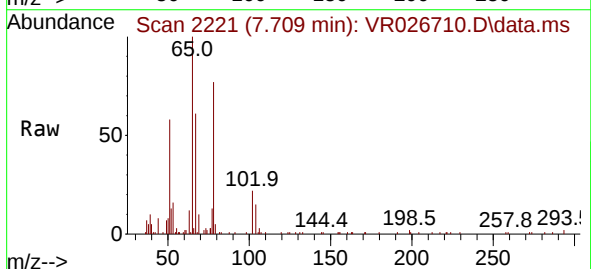
RT: 7.709 min Scan# 2221

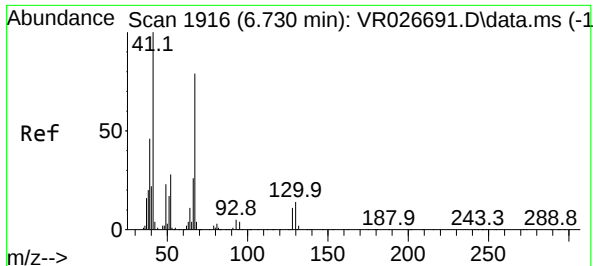
Delta R.T. -0.006 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

Tgt Ion: 78	Resp: 47837
Ion Ratio	Lower Upper
78 100	
77 16.7	18.8 28.2#





#40

Methacrylonitrile

Concen: 2.952 ug/l

RT: 6.724 min Scan# 1916

Delta R.T. -0.006 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

Instrument :

MSVOA_R

ClientSampleId :

Tgt Ion: 41 Resp: 12325

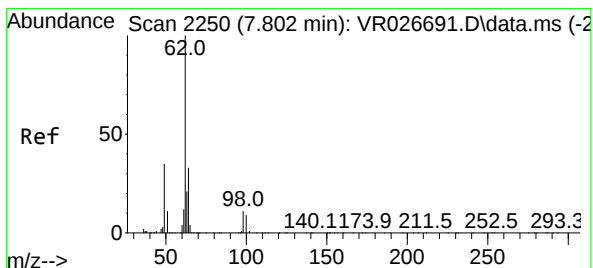
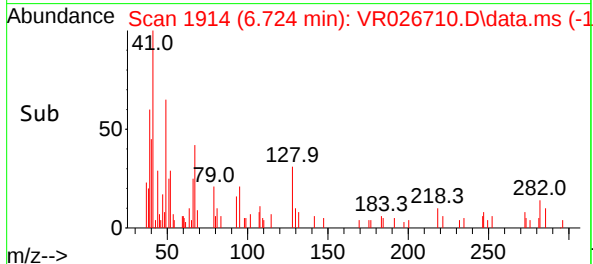
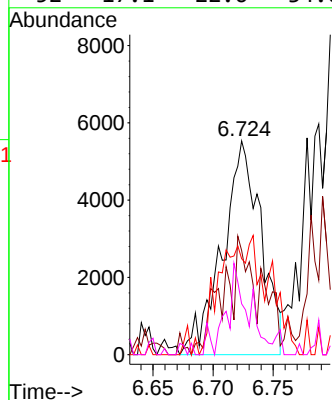
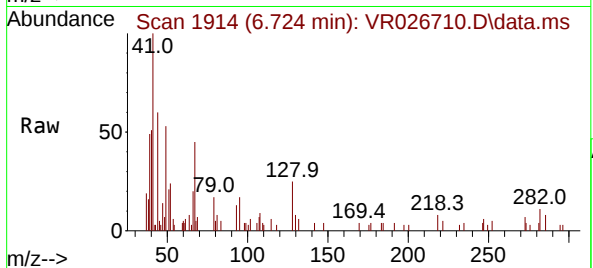
Ion Ratio Lower Upper

41 100

39 27.9 42.4 63.6#

67 36.9 65.6 98.4#

52 17.1 22.6 34.0#



#41

1,2-Dichloroethane

Concen: 1.220 ug/l

RT: 7.783 min Scan# 2244

Delta R.T. -0.019 min

Lab File: VR026710.D

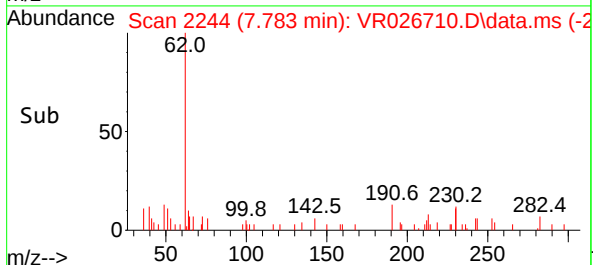
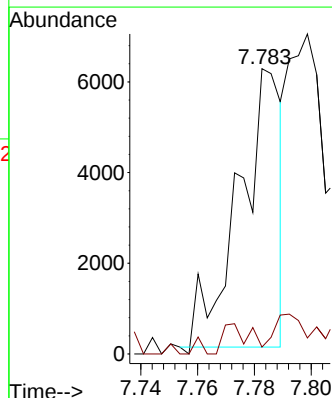
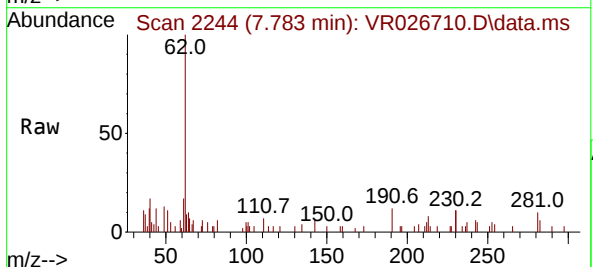
Acq: 5 Aug 2025 13:35

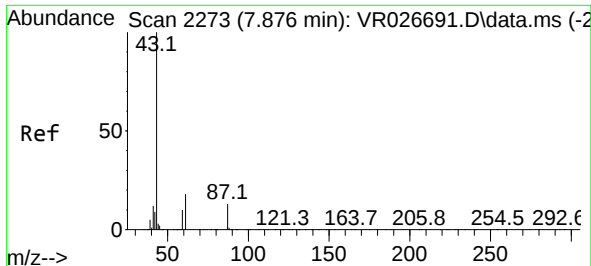
Tgt Ion: 62 Resp: 6273

Ion Ratio Lower Upper

62 100

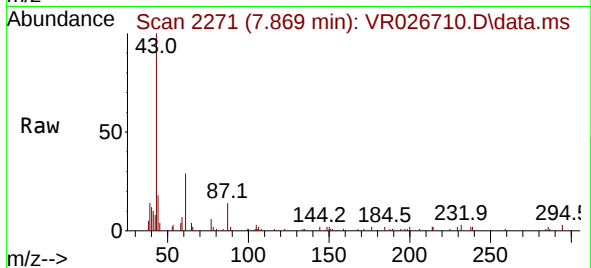
98 9.8 0.0 22.2



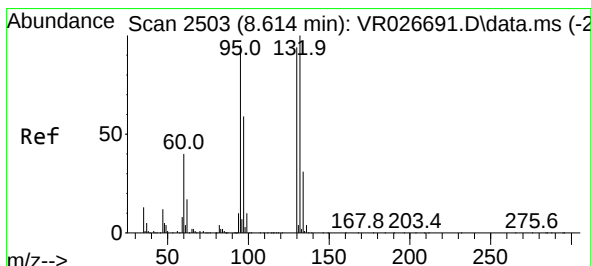
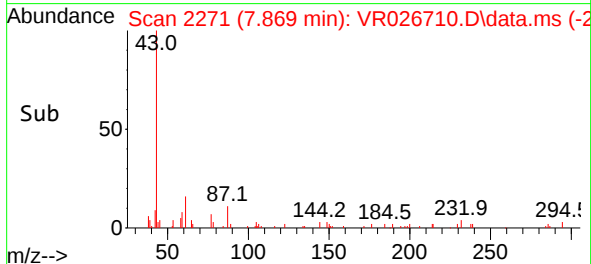
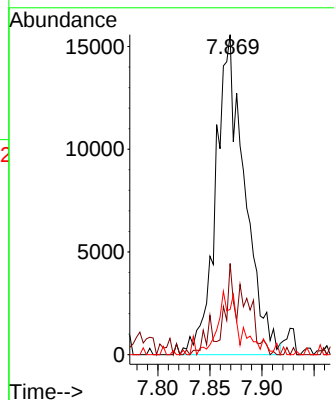


#42
Isopropyl Acetate
Concen: 2.785 ug/l
RT: 7.869 min Scan# 21
Delta R.T. -0.006 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Instrument :
MSVOA_R
ClientSampleId :

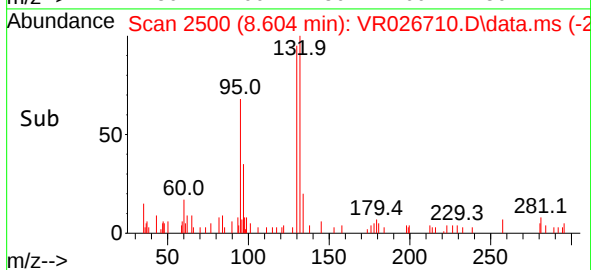
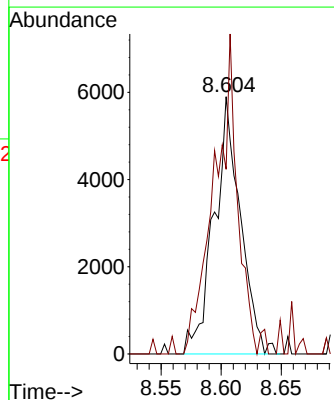
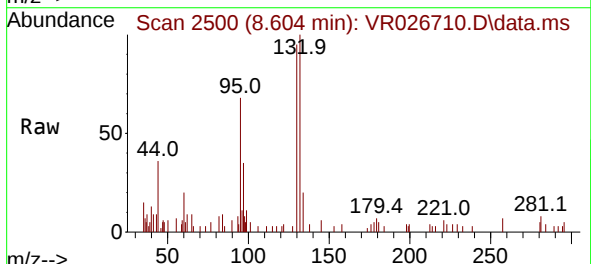


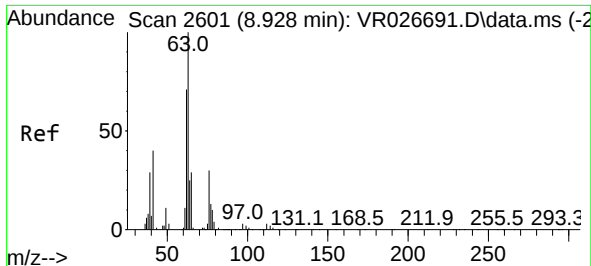
Tgt Ion: 43 Resp: 30085
Ion Ratio Lower Upper
43 100
61 8.6 17.9 26.9#
87 9.3 10.8 16.2#



#43
Trichloroethene
Concen: 2.322 ug/l
RT: 8.604 min Scan# 2500
Delta R.T. -0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion:130 Resp: 9024
Ion Ratio Lower Upper
130 100
95 71.8 0.0 200.6





#44

1,2-Dichloropropane

Concen: 1.442 ug/l

RT: 8.922 min Scan# 21

Delta R.T. -0.006 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

Instrument :

MSVOA_R

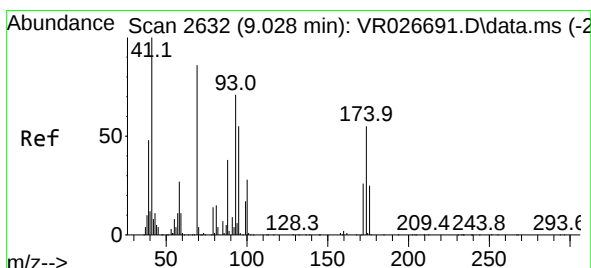
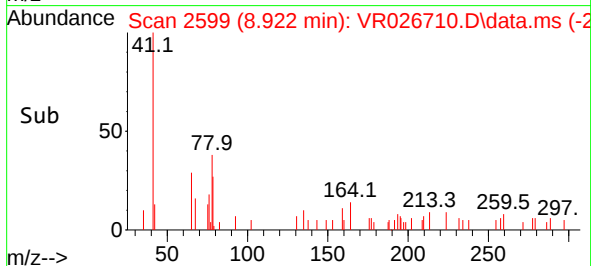
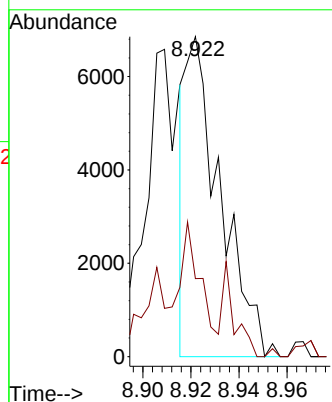
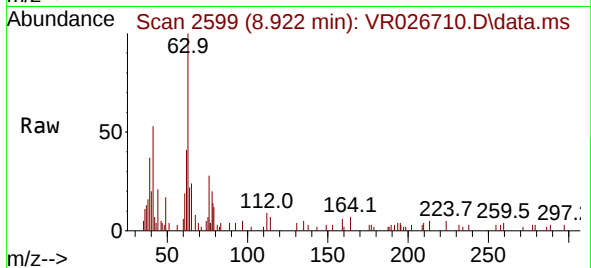
ClientSampleId :

Tgt Ion: 63 Resp: 6897

Ion Ratio Lower Upper

63 100

65 24.4 23.8 35.8



#45

Dibromomethane

Concen: 1.369 ug/l

RT: 9.012 min Scan# 2627

Delta R.T. -0.016 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

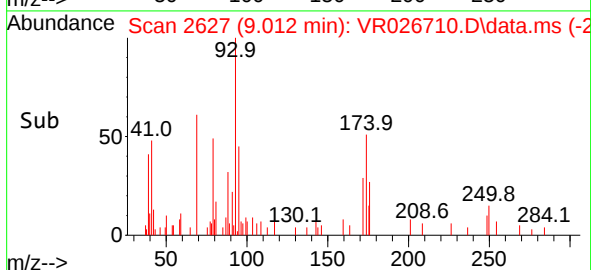
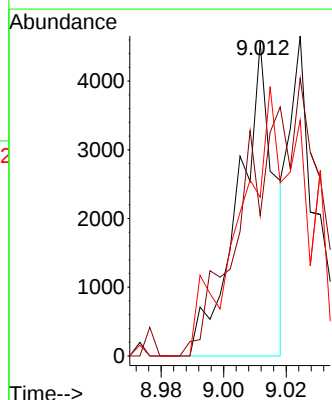
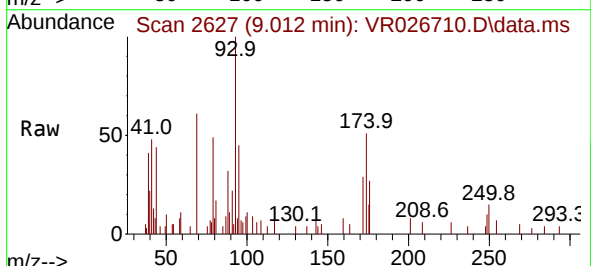
Tgt Ion: 93 Resp: 3642

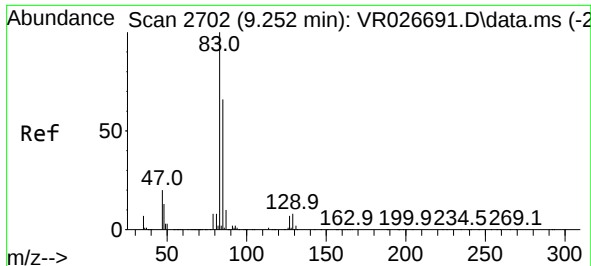
Ion Ratio Lower Upper

93 100

95 110.1 69.4 104.0#

174 160.9 66.9 100.3#

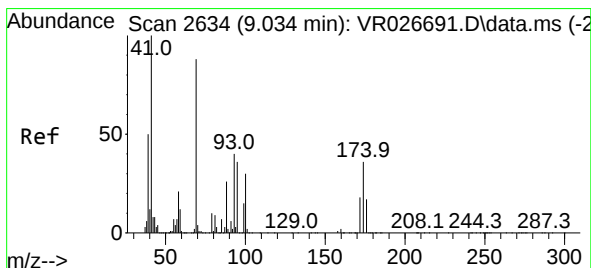
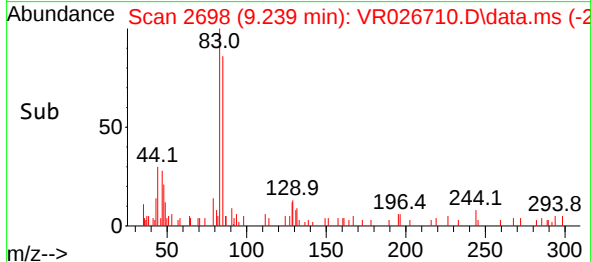
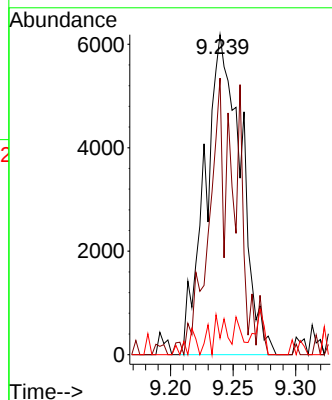
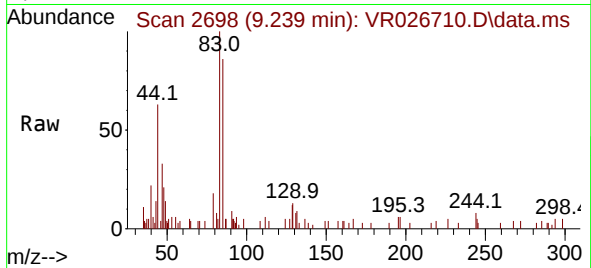




#46
Bromodichloromethane
Concen: 2.402 ug/l
RT: 9.239 min Scan# 20
Delta R.T. -0.013 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

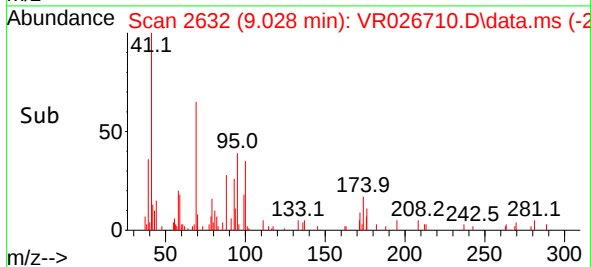
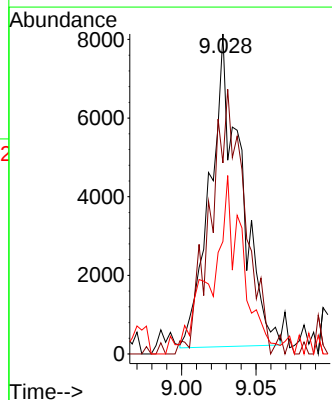
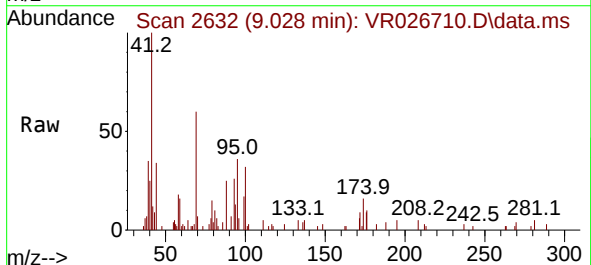
Instrument :
MSVOA_R
ClientSampleId :

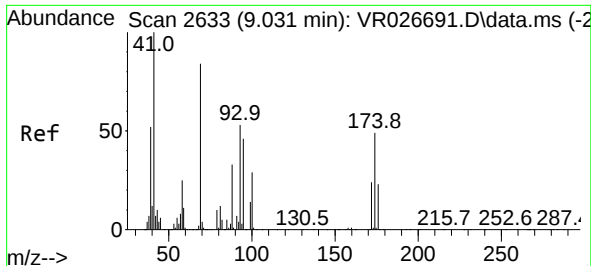
Tgt Ion: 83 Resp: 12377
Ion Ratio Lower Upper
83 100
85 86.5 52.6 78.8#
127 5.1 5.5 8.3#



#47
Methyl methacrylate
Concen: 2.425 ug/l
RT: 9.028 min Scan# 2632
Delta R.T. -0.006 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

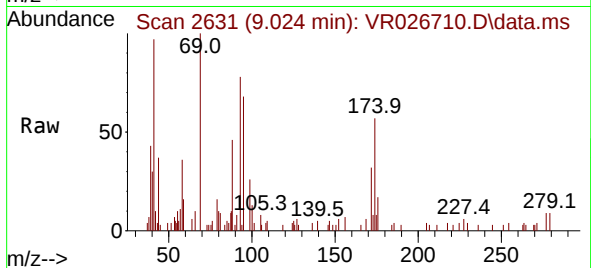
Tgt Ion: 41 Resp: 11463
Ion Ratio Lower Upper
41 100
69 94.3 69.8 104.6
39 36.3 39.4 59.2#



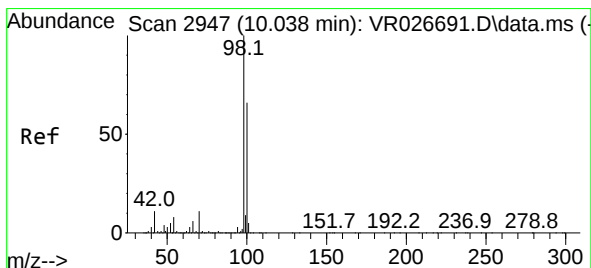
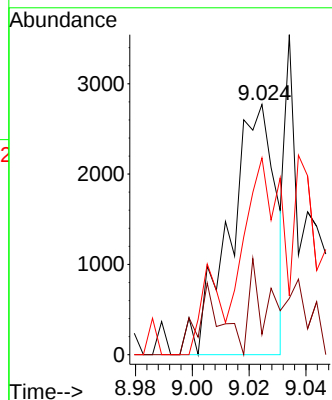
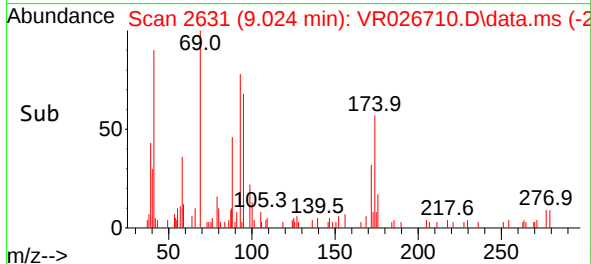


#48
1,4-Dioxane
Concen: 40.931 ug/l
RT: 9.024 min Scan# 20
Delta R.T. -0.006 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Instrument :
MSVOA_R
ClientSampleId :

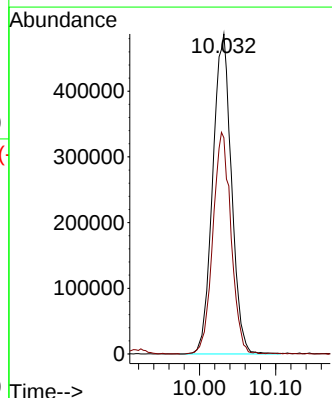
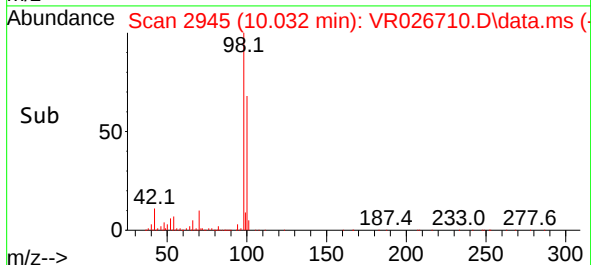
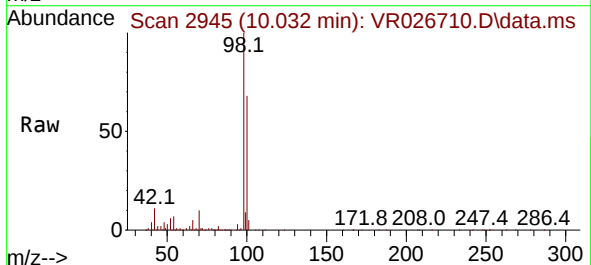


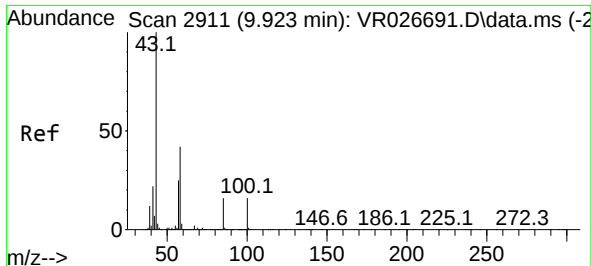
Tgt Ion: 88 Resp: 3117
Ion Ratio Lower Upper
88 100
43 0.0 25.2 37.8#
58 62.4 60.8 91.2



#49
Toluene-d8
Concen: 52.107 ug/l
RT: 10.032 min Scan# 2945
Delta R.T. -0.006 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 98 Resp: 830356
Ion Ratio Lower Upper
98 100
100 67.2 53.9 80.9





#50

4-Methyl-2-Pentanone

Concen: 13.924 ug/l

RT: 9.917 min Scan# 2909

Delta R.T. -0.006 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

Instrument :

MSVOA_R

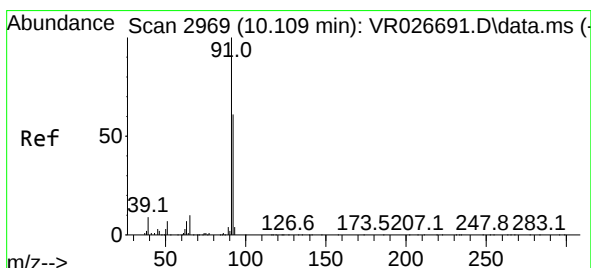
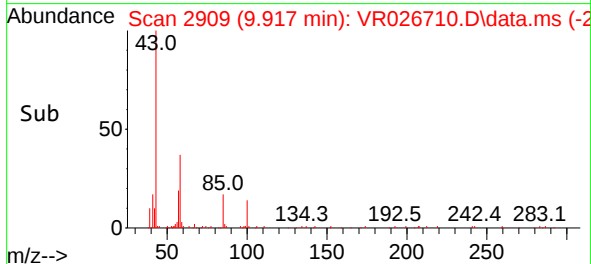
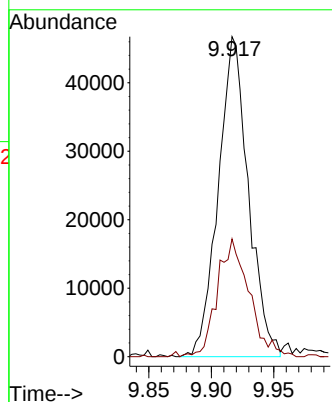
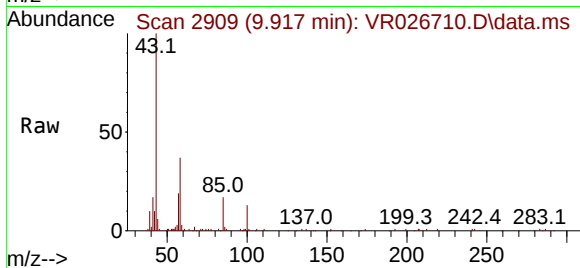
ClientSampleId :

Tgt Ion: 43 Resp: 78522

Ion Ratio Lower Upper

43 100

58 38.8 33.7 50.5



#51

Toluene

Concen: 2.498 ug/l

RT: 10.099 min Scan# 2966

Delta R.T. -0.010 min

Lab File: VR026710.D

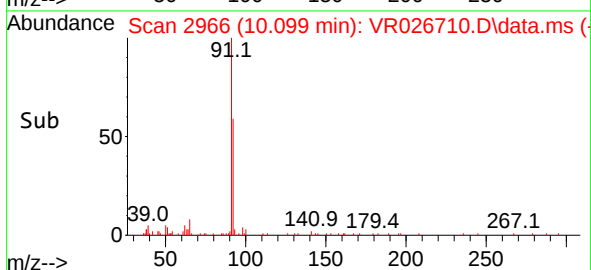
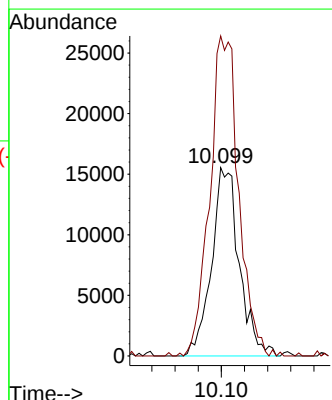
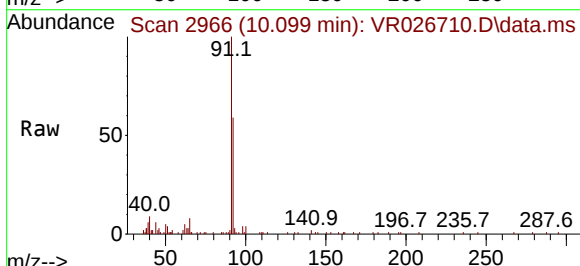
Acq: 5 Aug 2025 13:35

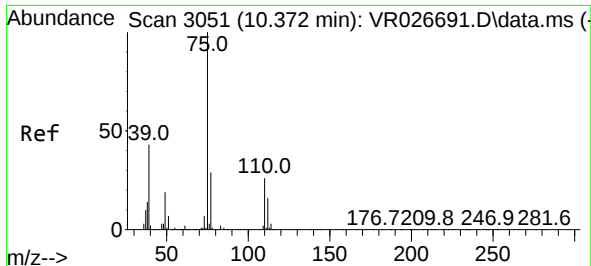
Tgt Ion: 92 Resp: 25770

Ion Ratio Lower Upper

92 100

91 177.6 137.8 206.6

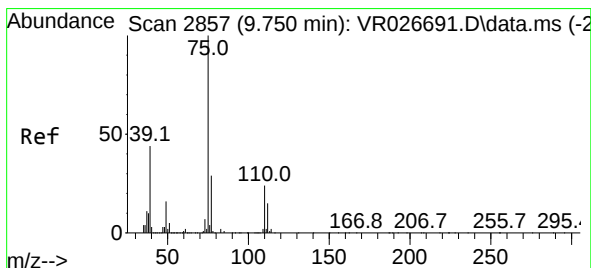
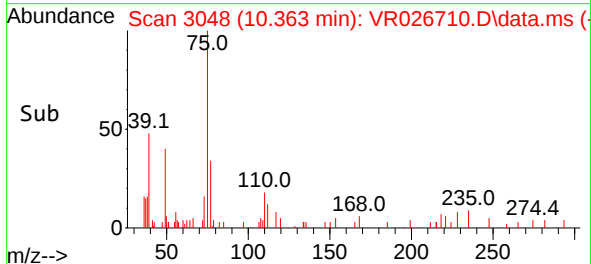
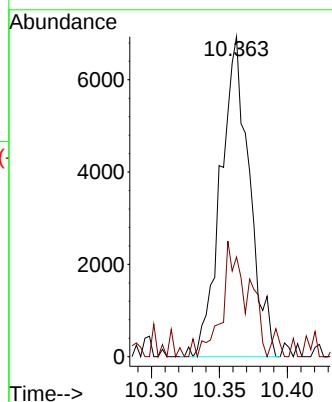
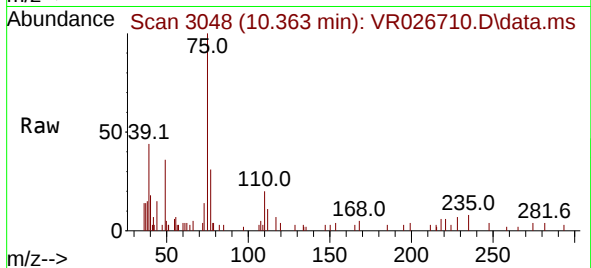




#52
t-1,3-Dichloropropene
Concen: 2.010 ug/l
RT: 10.363 min Scan# 3048
Delta R.T. -0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

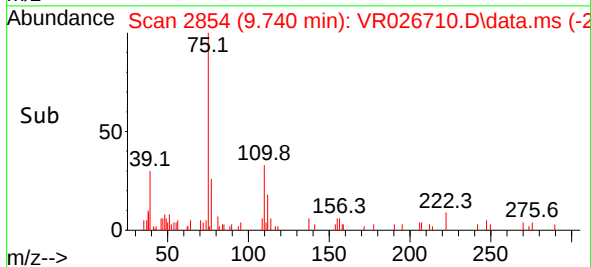
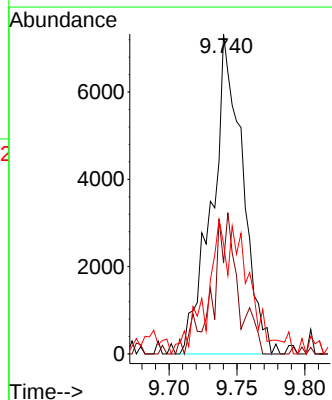
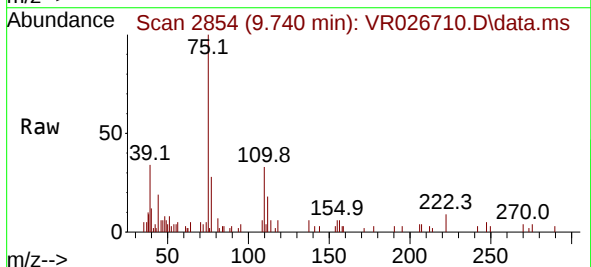
Instrument :
MSVOA_R
ClientSampleId :

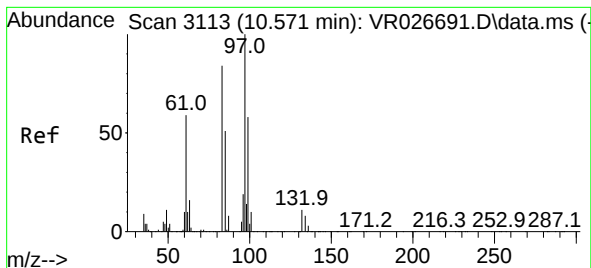
Tgt Ion: 75 Resp: 10149
Ion Ratio Lower Upper
75 100
77 28.4 23.4 35.2



#53
cis-1,3-Dichloropropene
Concen: 1.899 ug/l
RT: 9.740 min Scan# 2854
Delta R.T. -0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 75 Resp: 11502
Ion Ratio Lower Upper
75 100
77 28.4 22.9 34.3
39 31.1 34.8 52.2#





#54

1,1,2-Trichloroethane

Concen: 1.077 ug/l

RT: 10.558 min Scan# 3113

Delta R.T. -0.013 min

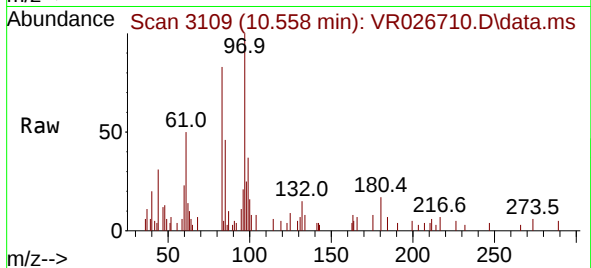
Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

Instrument :

MSVOA_R

ClientSampleId :



Tgt Ion: 97 Resp: 4058

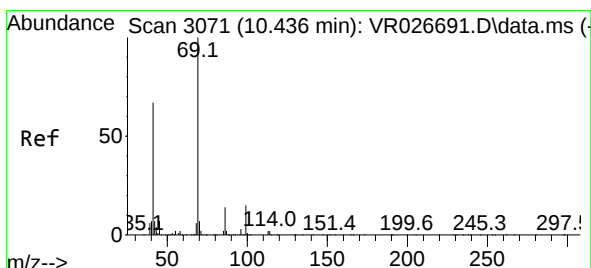
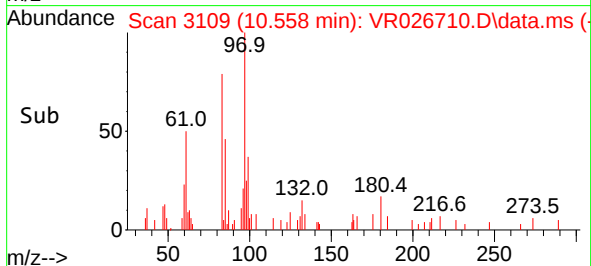
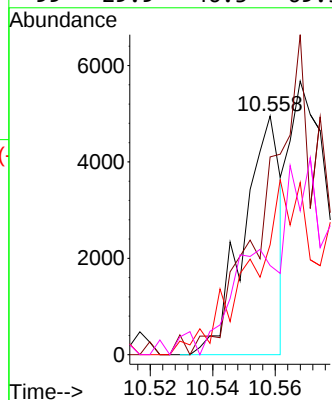
Ion Ratio Lower Upper

97 100

83 74.5 67.4 101.2

85 40.4 40.4 60.6#

99 29.9 46.3 69.5#



#55

Ethyl methacrylate

Concen: 2.245 ug/l

RT: 10.427 min Scan# 3068

Delta R.T. -0.010 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

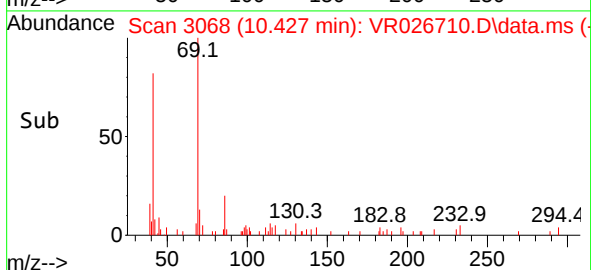
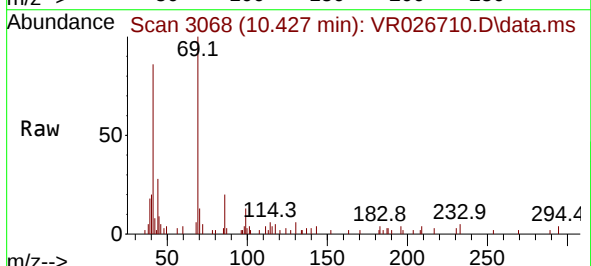
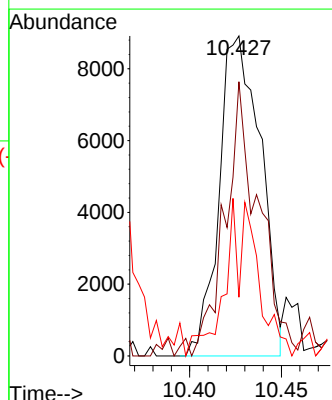
Tgt Ion: 69 Resp: 13967

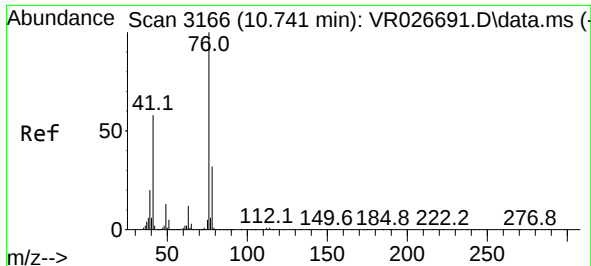
Ion Ratio Lower Upper

69 100

41 70.4 51.5 77.3

39 20.3 24.7 37.1#

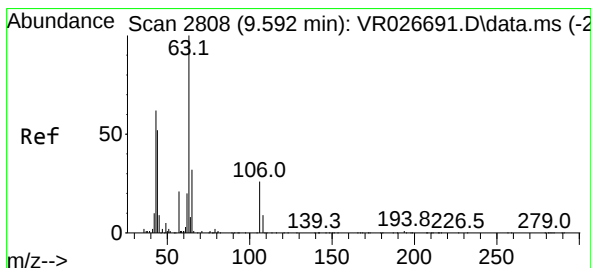
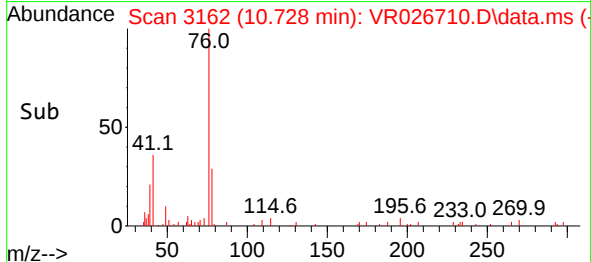
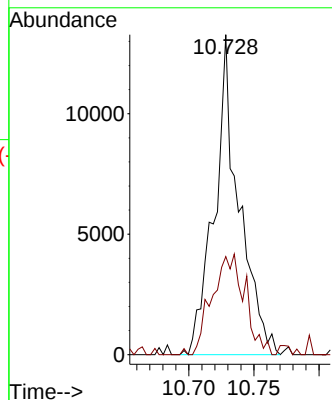
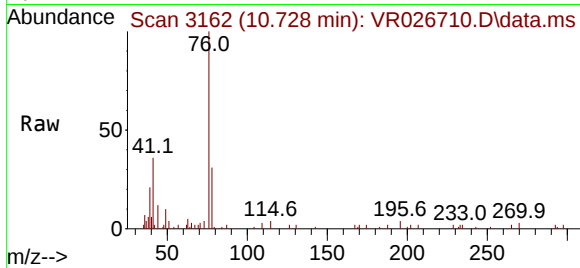




#56
1,3-Dichloropropane
Concen: 2.710 ug/l
RT: 10.728 min Scan# 3166
Delta R.T. -0.013 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

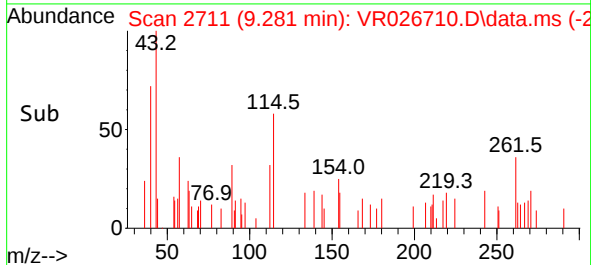
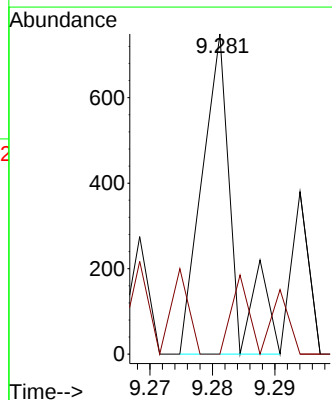
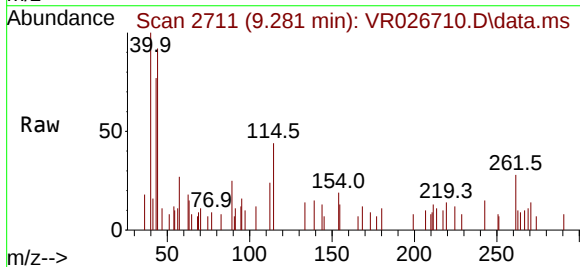
Instrument :
MSVOA_R
ClientSampleId :

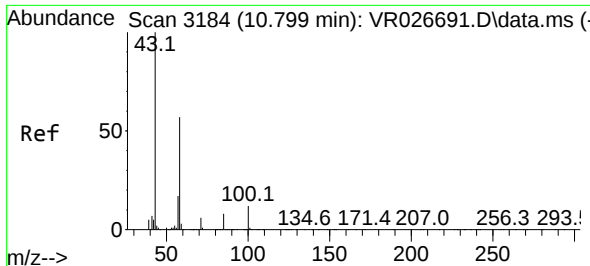
Tgt Ion: 76 Resp: 17388
Ion Ratio Lower Upper
76 100
78 42.0 25.8 38.6#



#57
2-Chloroethyl Vinyl ether
Concen: 0.756 ug/l
RT: 9.281 min Scan# 2711
Delta R.T. -0.311 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 63 Resp: 260
Ion Ratio Lower Upper
63 100
106 25.0 22.5 33.7

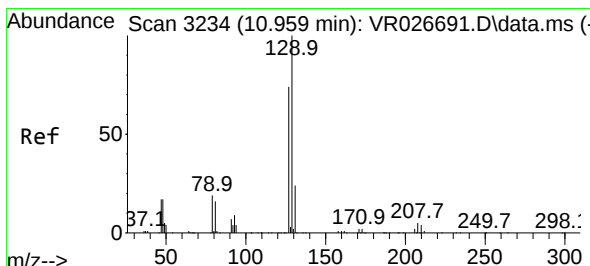
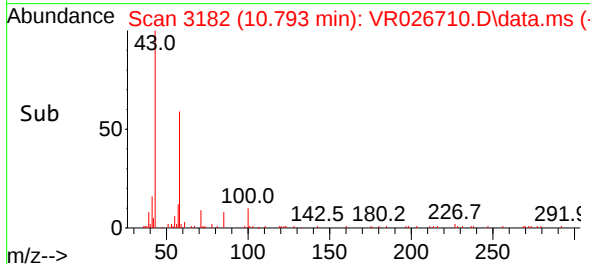
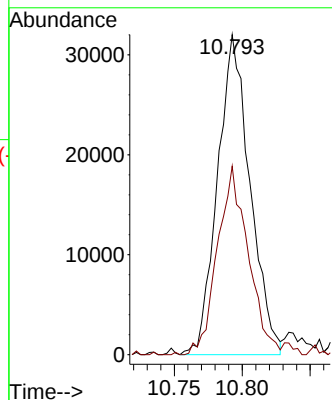
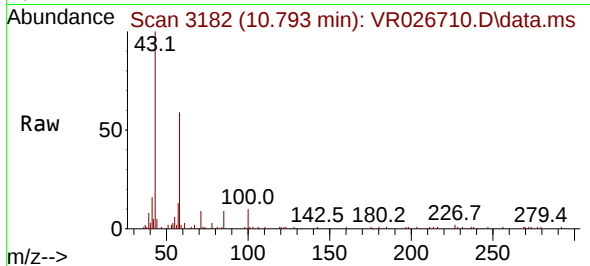




#58
2-Hexanone
Concen: 14.004 ug/l
RT: 10.793 min Scan# 3182
Delta R.T. -0.006 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

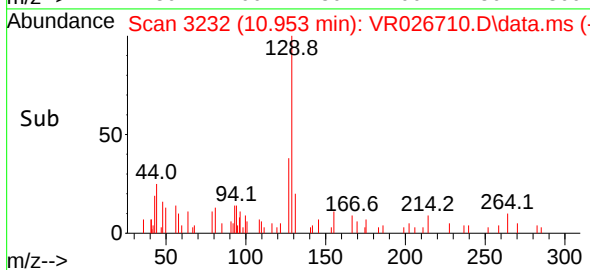
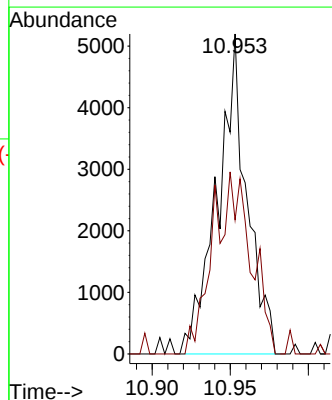
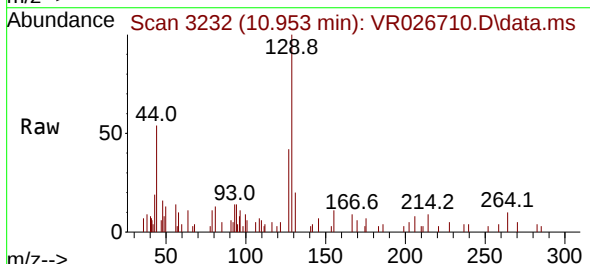
Instrument :
MSVOA_R
ClientSampleId :

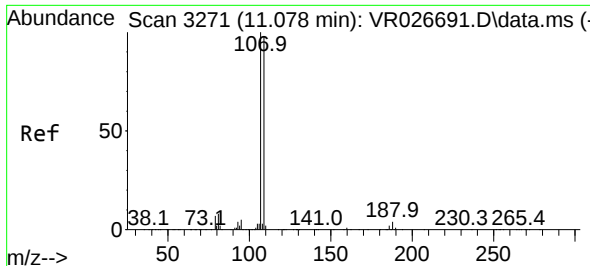
Tgt Ion: 43 Resp: 53237
Ion Ratio Lower Upper
43 100
58 55.8 28.8 86.4



#59
Dibromochloromethane
Concen: 2.144 ug/l
RT: 10.953 min Scan# 3232
Delta R.T. -0.006 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion:129 Resp: 6837
Ion Ratio Lower Upper
129 100
127 43.7 38.9 116.6

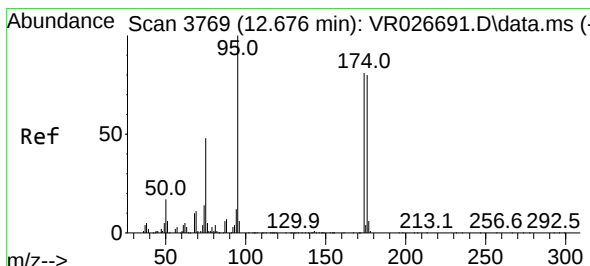
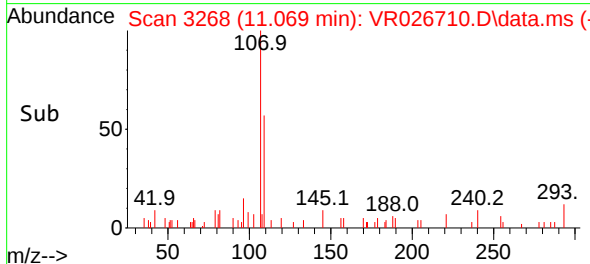
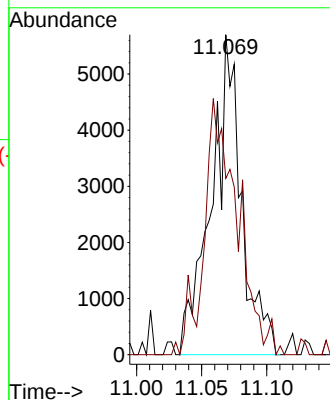
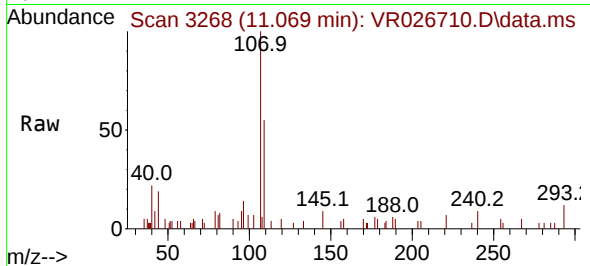




#60
1,2-Dibromoethane
Concen: 2.819 ug/l
RT: 11.069 min Scan# 31
Delta R.T. -0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

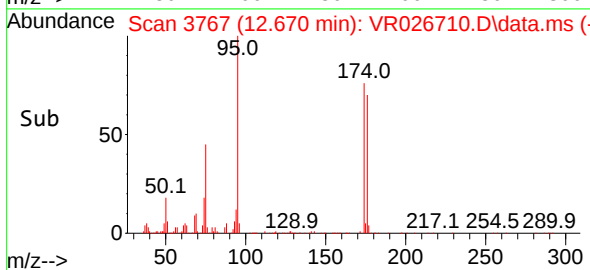
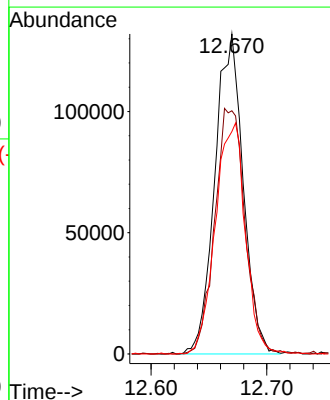
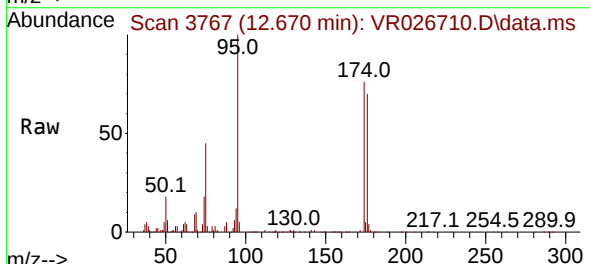
Instrument :
MSVOA_R
ClientSampleId :

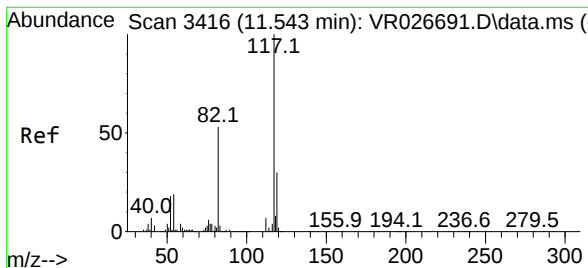
Tgt Ion:107 Resp: 9140
Ion Ratio Lower Upper
107 100
109 72.0 75.9 113.9#



#61
4-Bromofluorobenzene
Concen: 49.369 ug/l
RT: 12.670 min Scan# 3767
Delta R.T. -0.006 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 95 Resp: 223764
Ion Ratio Lower Upper
95 100
174 81.9 0.0 158.4
176 76.7 0.0 149.0





#62

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.531 min Scan# 3416

Delta R.T. -0.013 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

Instrument :

MSVOA_R

ClientSampleId :

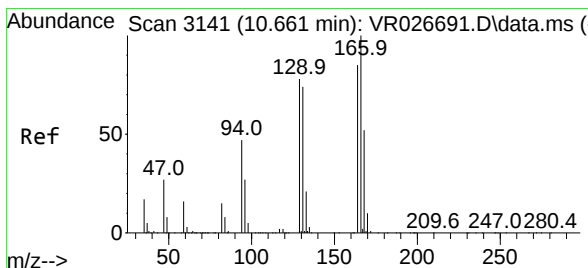
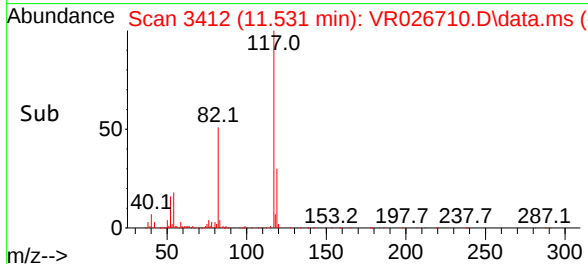
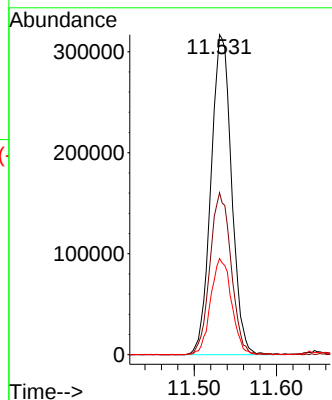
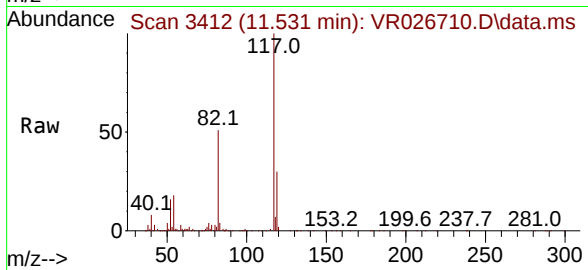
Tgt Ion:117 Resp: 551543

Ion Ratio Lower Upper

117 100

82 50.6 42.0 63.0

119 29.9 23.9 35.9



#63

Tetrachloroethene

Concen: 1.195 ug/l

RT: 10.639 min Scan# 3134

Delta R.T. -0.022 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

Tgt Ion:164 Resp: 3602

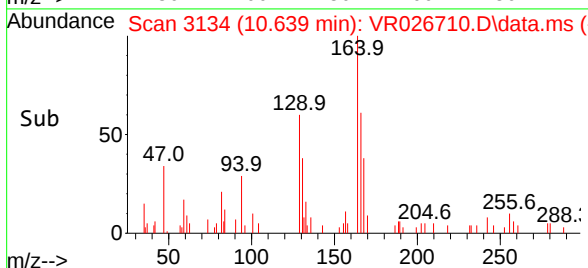
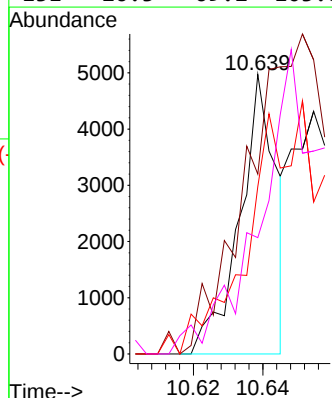
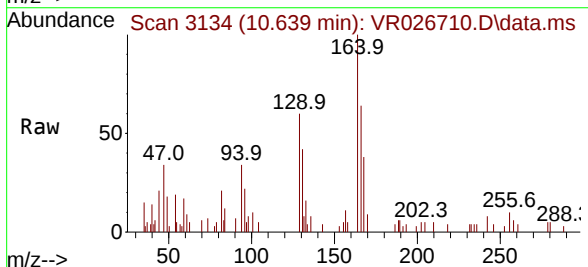
Ion Ratio Lower Upper

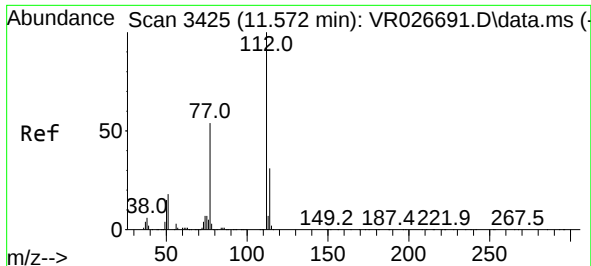
164 100

166 64.4 93.7 140.5#

129 59.9 73.4 110.2#

131 26.3 69.2 103.8#

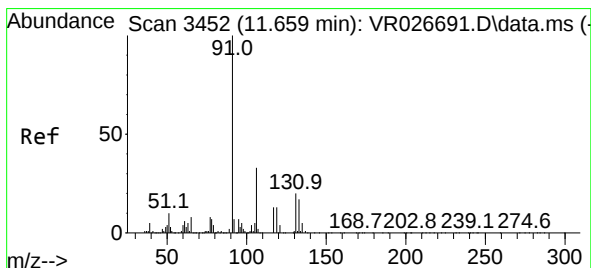
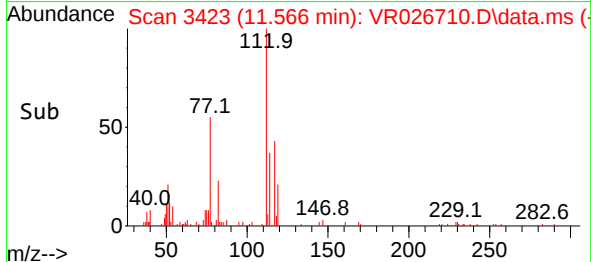
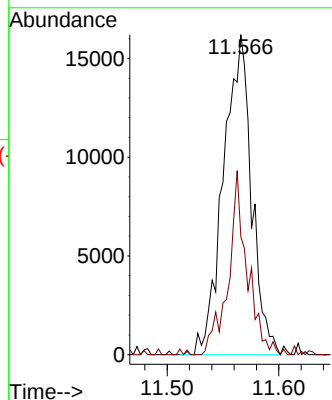
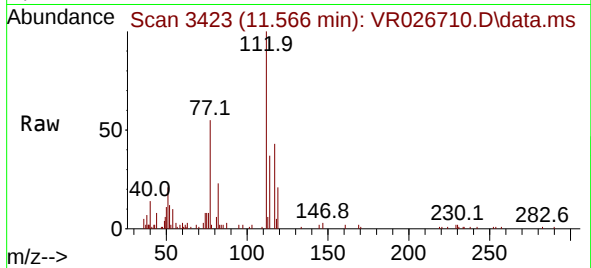




#64
Chlorobenzene
Concen: 2.466 ug/l
RT: 11.566 min Scan# 3449
Delta R.T. -0.006 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

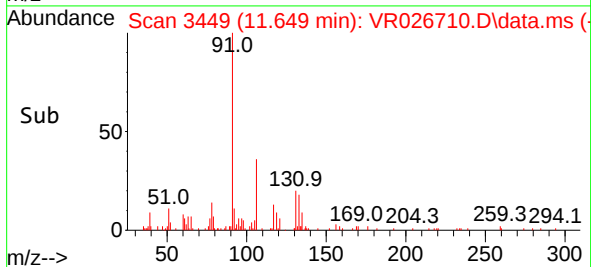
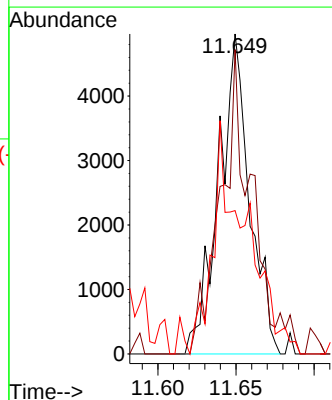
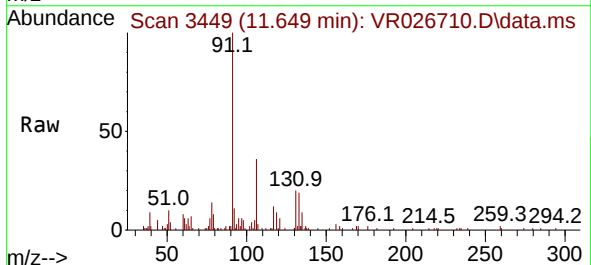
Instrument :
MSVOA_R
ClientSampleId :

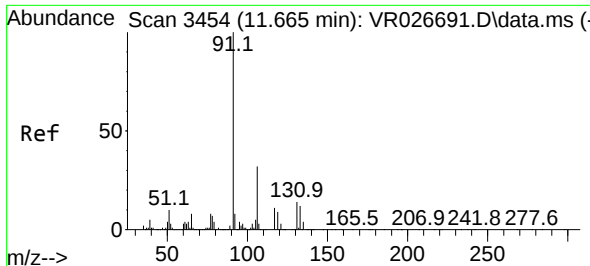
Tgt Ion:112 Resp: 28309
Ion Ratio Lower Upper
112 100
114 36.9 25.0 37.6



#65
1,1,1,2-Tetrachloroethane
Concen: 2.196 ug/l
RT: 11.649 min Scan# 3449
Delta R.T. -0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion:131 Resp: 6885
Ion Ratio Lower Upper
131 100
133 90.3 46.2 138.5
119 77.3 35.7 107.1

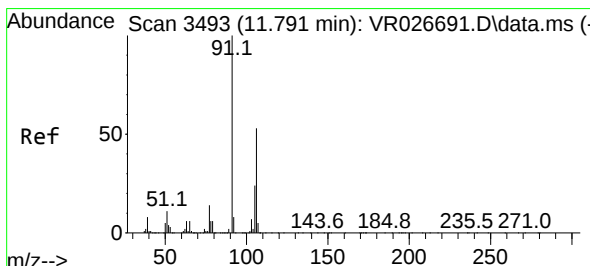
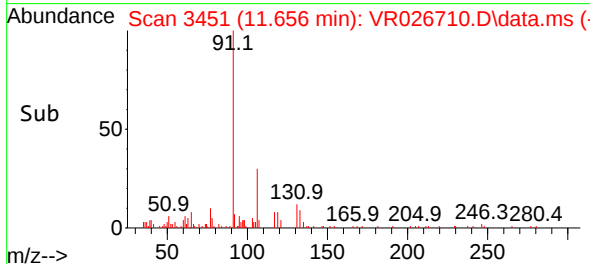
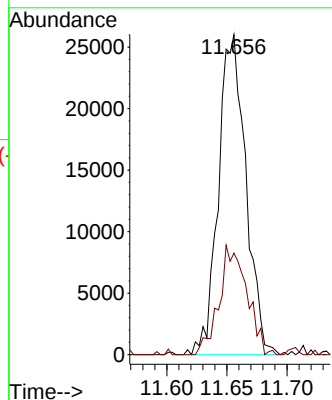
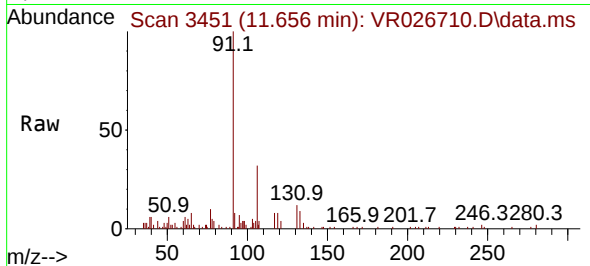




#66
Ethyl Benzene
Concen: 2.155 ug/l
RT: 11.656 min Scan# 3451
Delta R.T. -0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

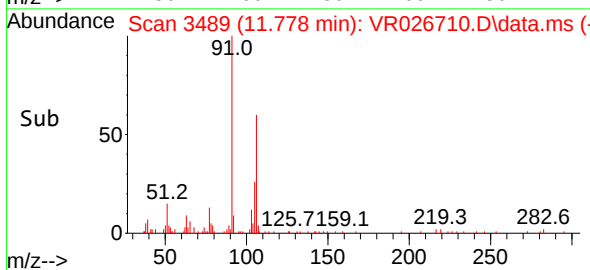
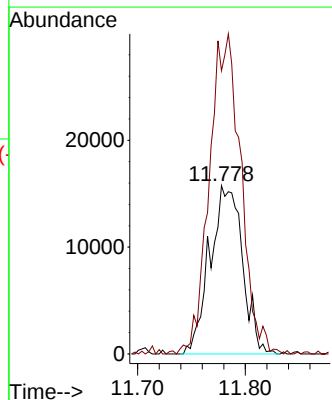
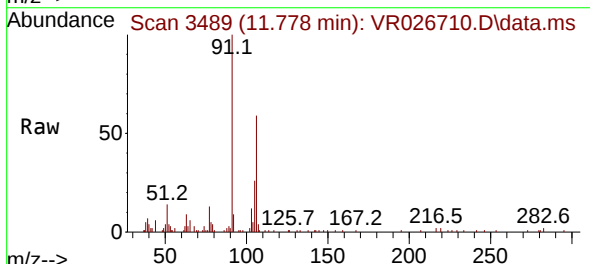
Instrument :
MSVOA_R
ClientSampleId :

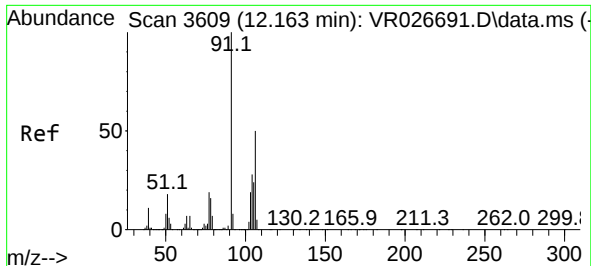
Tgt Ion: 91 Resp: 41298
Ion Ratio Lower Upper
91 100
106 31.7 25.4 38.0



#67
m/p-Xylenes
Concen: 4.325 ug/l
RT: 11.778 min Scan# 3489
Delta R.T. -0.013 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion:106 Resp: 33117
Ion Ratio Lower Upper
106 100
91 184.0 146.8 220.2

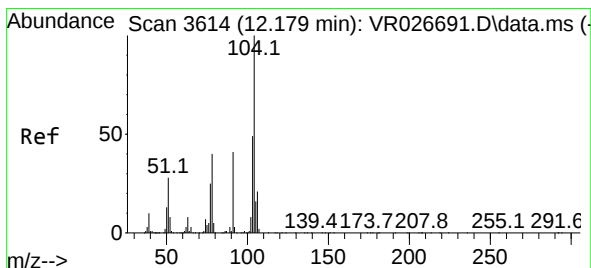
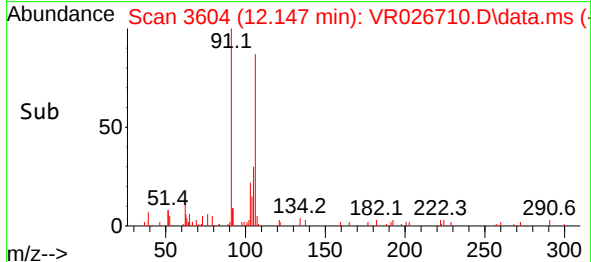
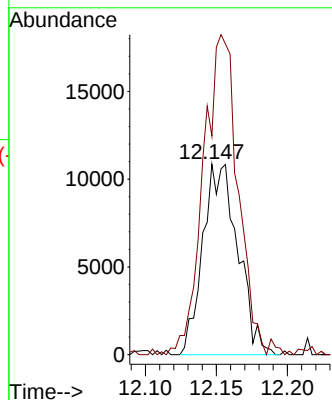
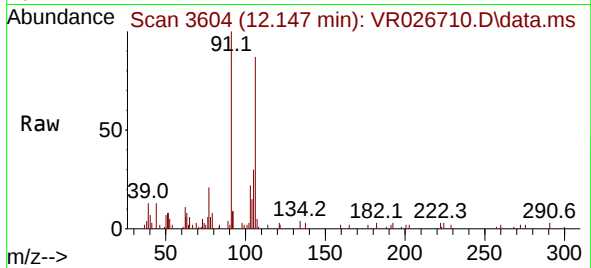




#68
o-Xylene
Concen: 2.513 ug/l
RT: 12.147 min Scan# 3604
Delta R.T. -0.016 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

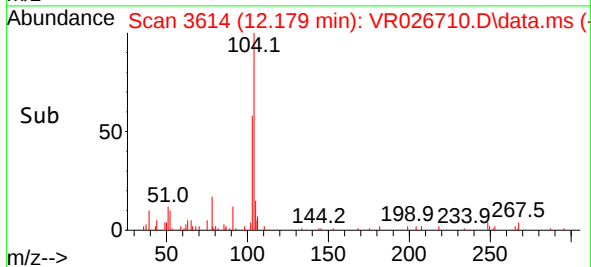
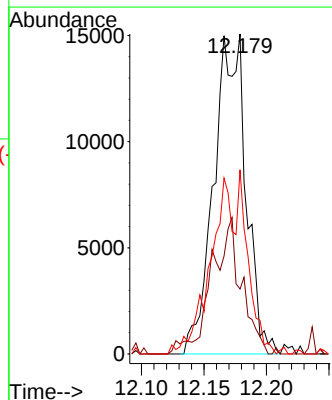
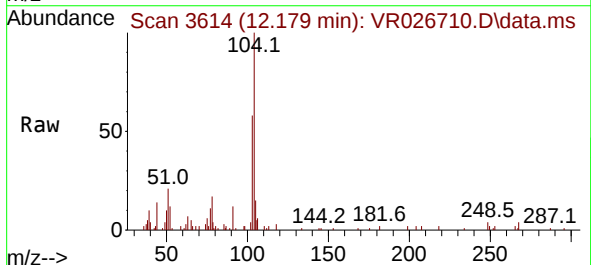
Instrument :
MSVOA_R
ClientSampleId :

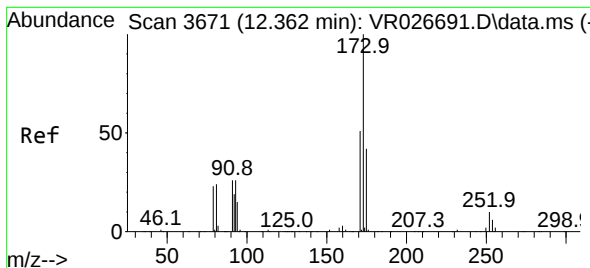
Tgt Ion:106 Resp: 18681
Ion Ratio Lower Upper
106 100
91 164.8 97.9 293.6



#69
Styrene
Concen: 2.164 ug/l
RT: 12.179 min Scan# 3614
Delta R.T. 0.000 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion:104 Resp: 26878
Ion Ratio Lower Upper
104 100
78 39.9 34.5 51.7
103 41.3 43.2 64.8#





#70

Bromoform

Concen: 1.921 ug/l

RT: 12.349 min Scan# 30

Delta R.T. -0.013 min

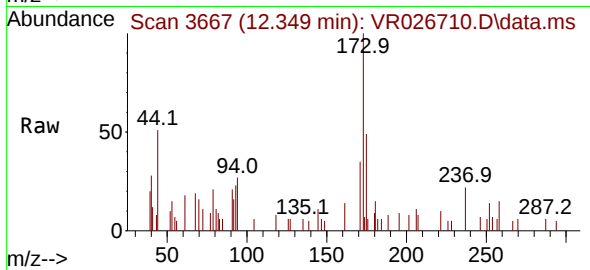
Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

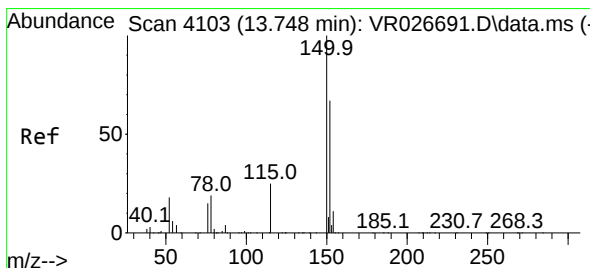
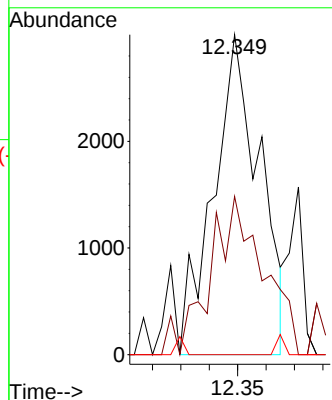
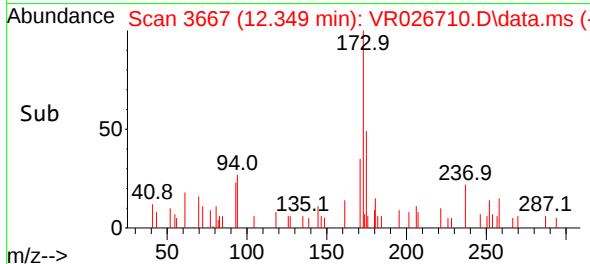
Instrument :

MSVOA_R

ClientSampleId :



Tgt Ion:	173	Resp:	3408
Ion Ratio	Lower	Upper	
173	100		
175	57.3	23.6	71.0
254	1.1	0.1	0.1#



#71

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

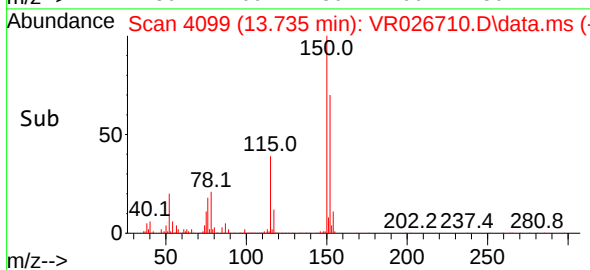
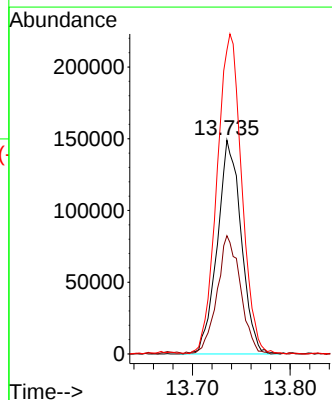
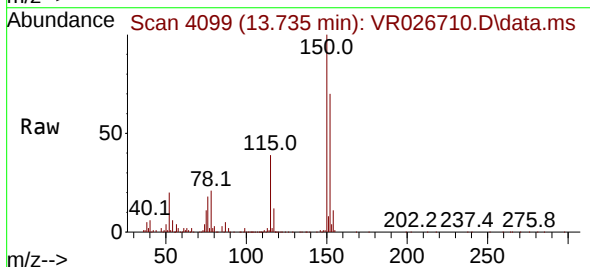
RT: 13.735 min Scan# 4099

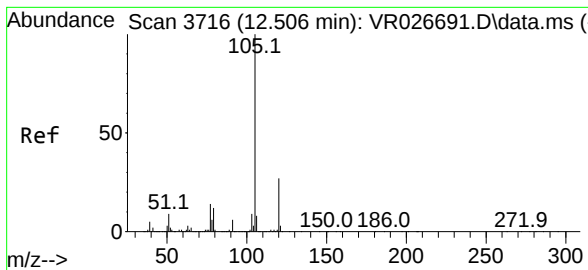
Delta R.T. -0.013 min

Lab File: VR026710.D

Acq: 5 Aug 2025 13:35

Tgt Ion:	152	Resp:	253366
Ion Ratio	Lower	Upper	
152	100		
115	54.4	27.8	83.4
150	154.4	0.0	350.4

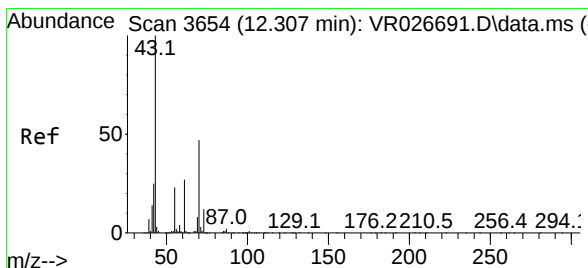
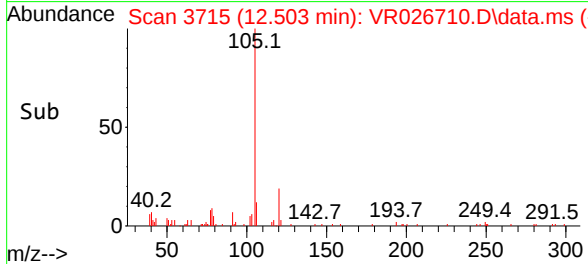
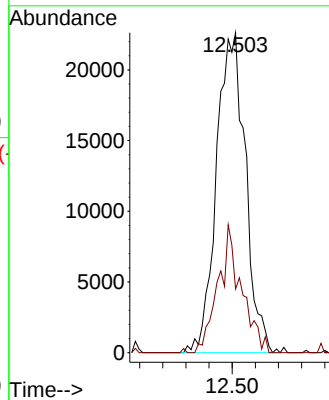
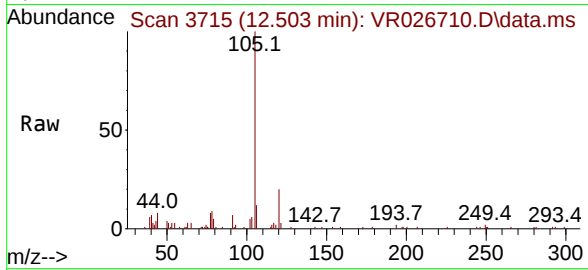




#72
Isopropylbenzene
Concen: 2.175 ug/l
RT: 12.503 min Scan# 3715
Delta R.T. -0.003 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

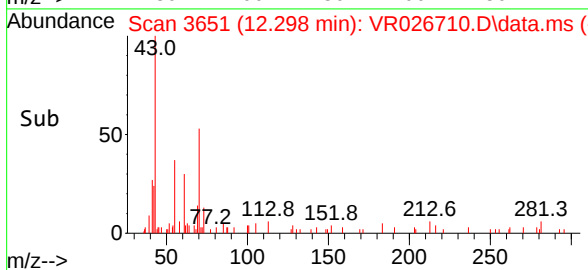
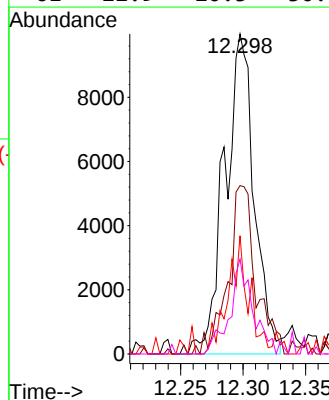
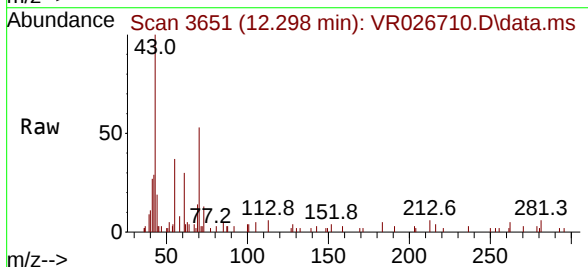
Instrument : MSVOA_R
ClientSampleId :

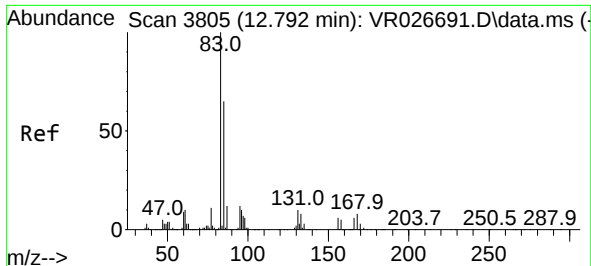
Tgt Ion:105 Resp: 39284
Ion Ratio Lower Upper
105 100
120 32.2 14.2 42.8



#73
N-ethyl acetate
Concen: 2.297 ug/l
RT: 12.298 min Scan# 3651
Delta R.T. -0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 43 Resp: 16450
Ion Ratio Lower Upper
43 100
70 49.1 36.4 54.6
55 25.9 18.7 28.1
61 22.9 20.3 30.5

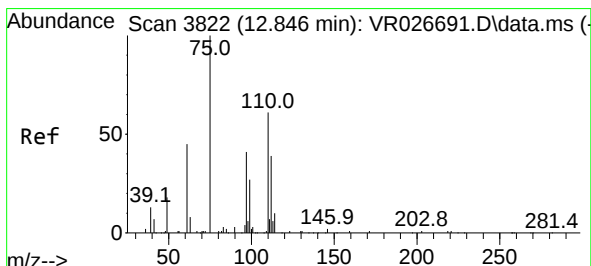
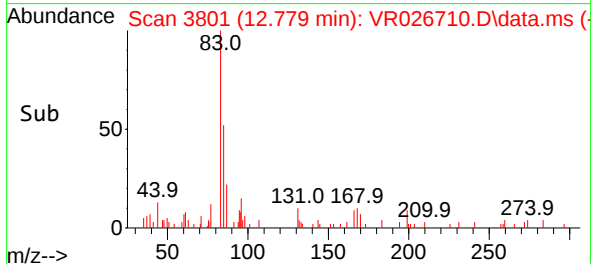
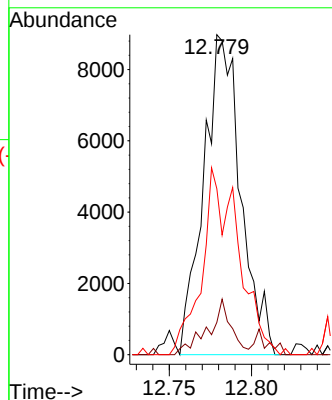
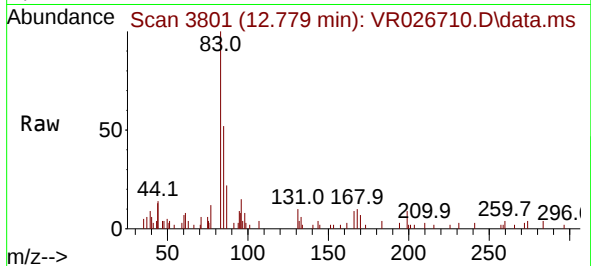




#74
 1,1,2,2-Tetrachloroethane
 Concen: 2.654 ug/l
 RT: 12.779 min Scan# 3801
 Delta R.T. -0.013 min
 Lab File: VR026710.D
 Acq: 5 Aug 2025 13:35

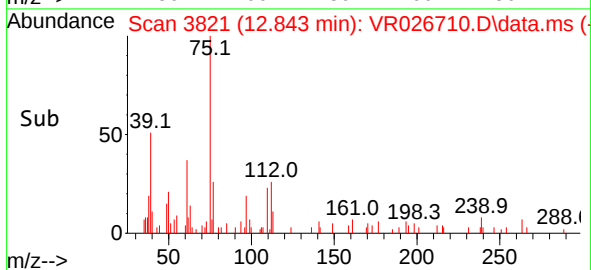
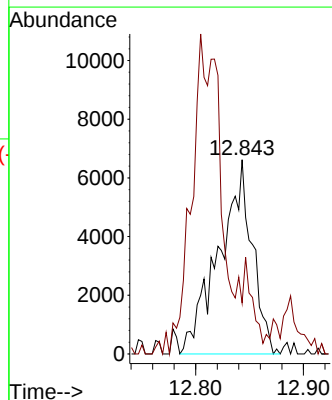
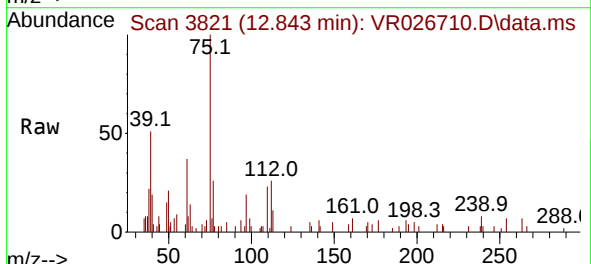
Instrument :
 MSVOA_R
 ClientSampleId :

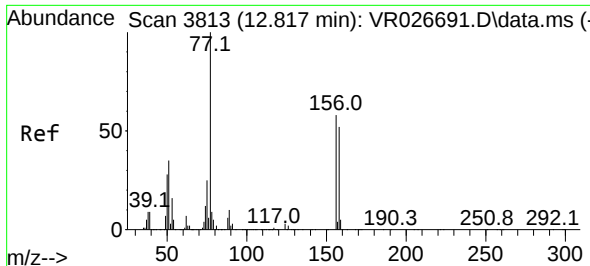
Tgt Ion: 83 Resp: 14062
 Ion Ratio Lower Upper
 83 100
 131 10.9 4.2 12.4
 85 31.0 32.3 96.8#



#75
 1,2,3-Trichloropropane
 Concen: 3.372 ug/l
 RT: 12.843 min Scan# 3821
 Delta R.T. -0.003 min
 Lab File: VR026710.D
 Acq: 5 Aug 2025 13:35

Tgt Ion: 75 Resp: 14161
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

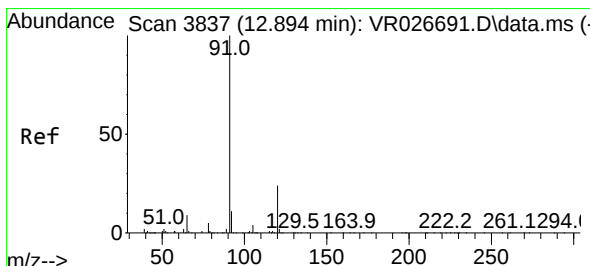
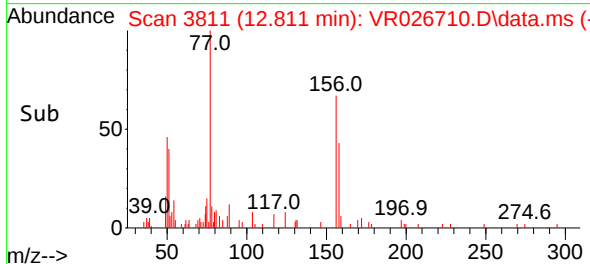
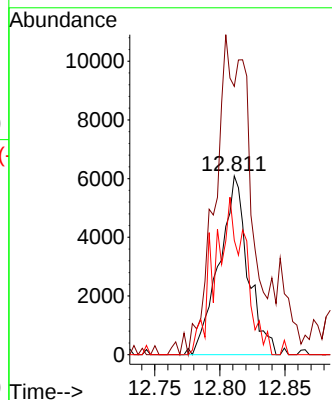
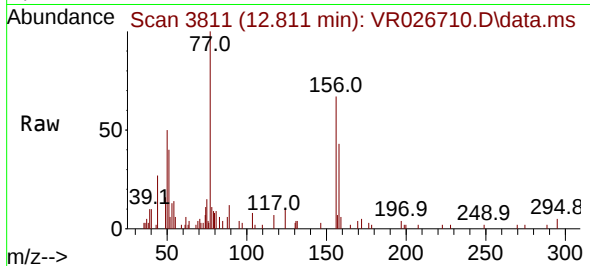




#76
Bromobenzene
Concen: 2.239 ug/l
RT: 12.811 min Scan# 3811
Delta R.T. -0.006 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

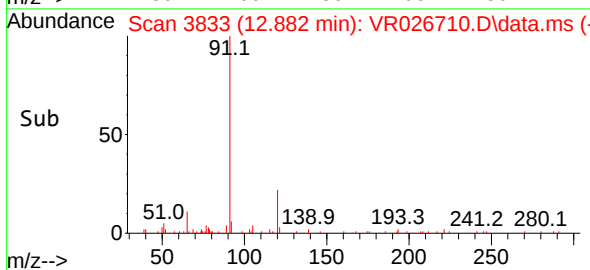
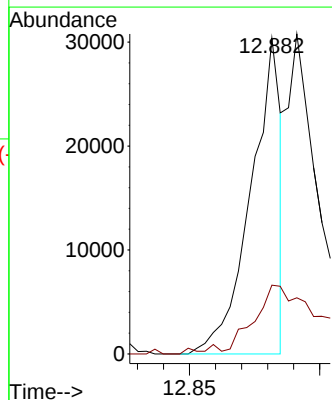
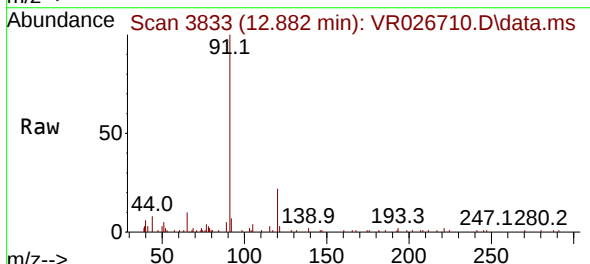
Instrument :
MSVOA_R
ClientSampleId :

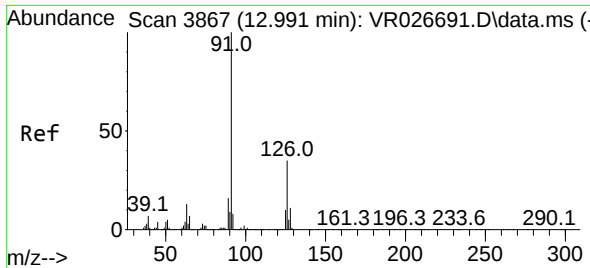
Tgt Ion:156 Resp: 9356
Ion Ratio Lower Upper
156 100
77 122.6 105.5 316.4
158 93.8 46.4 139.1



#77
n-propylbenzene
Concen: 1.129 ug/l
RT: 12.882 min Scan# 3833
Delta R.T. -0.013 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 91 Resp: 24327
Ion Ratio Lower Upper
91 100
120 45.4 11.9 35.9#

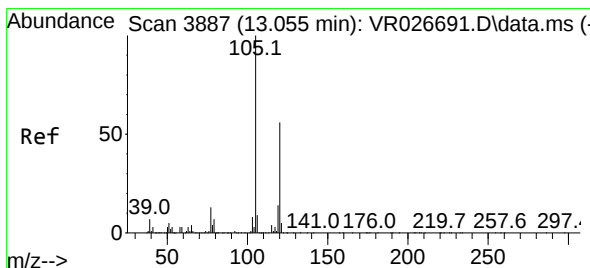
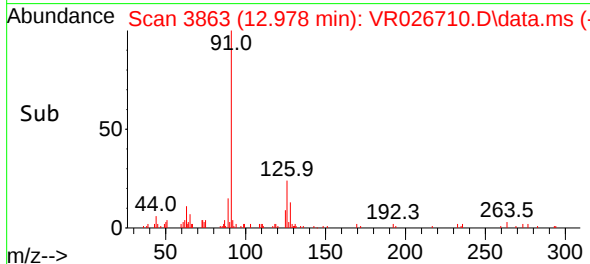
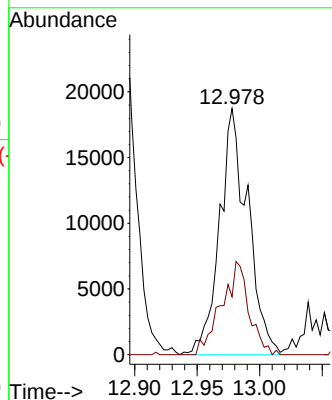
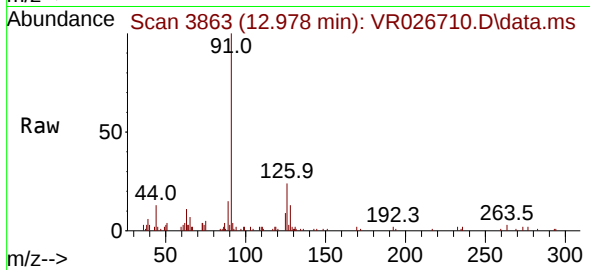




#78
2-Chlorotoluene
Concen: 2.410 ug/l
RT: 12.978 min Scan# 3863
Delta R.T. -0.013 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

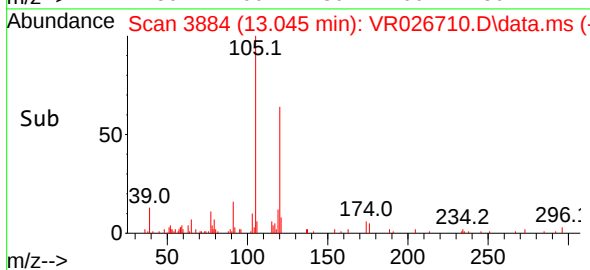
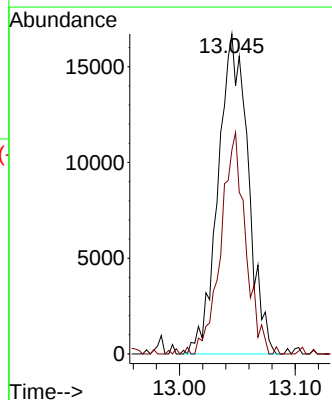
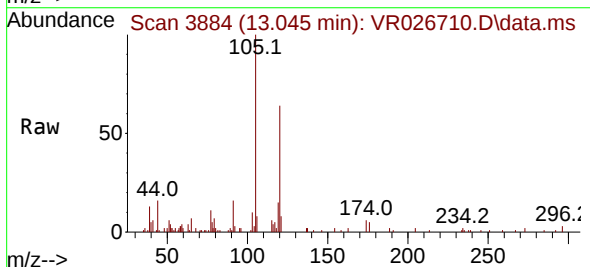
Instrument :
MSVOA_R
ClientSampleId :

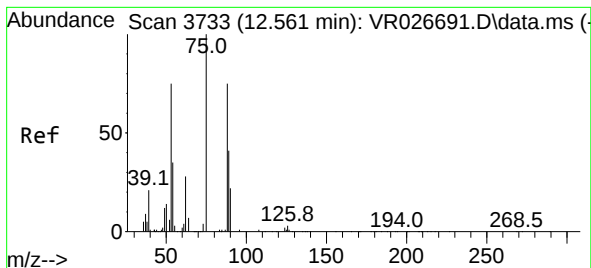
Tgt Ion: 91 Resp: 29454
Ion Ratio Lower Upper
91 100
126 36.7 17.5 52.6



#79
1,3,5-Trimethylbenzene
Concen: 2.128 ug/l
RT: 13.045 min Scan# 3884
Delta R.T. -0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 105 Resp: 30053
Ion Ratio Lower Upper
105 100
120 56.5 26.6 79.7

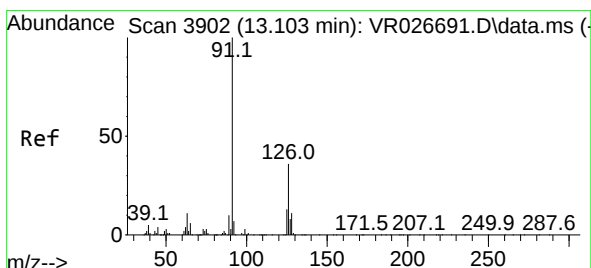
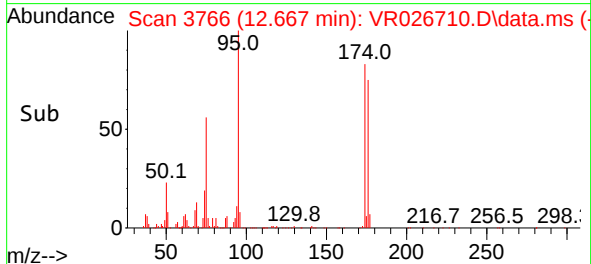
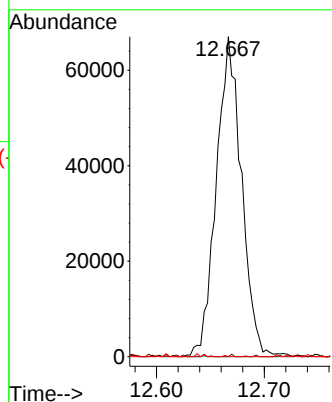
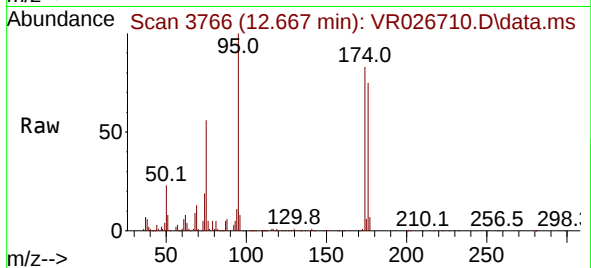




#80
trans-1,4-Dichloro-2-butene
Concen: 75.339 ug/l
RT: 12.667 min Scan# 31
Delta R.T. 0.106 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

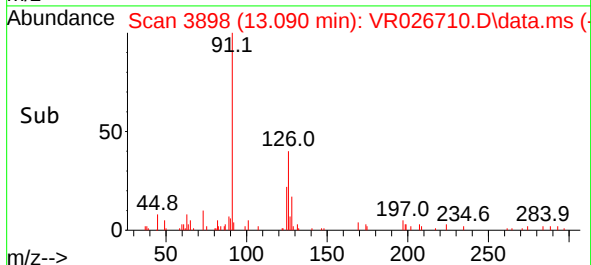
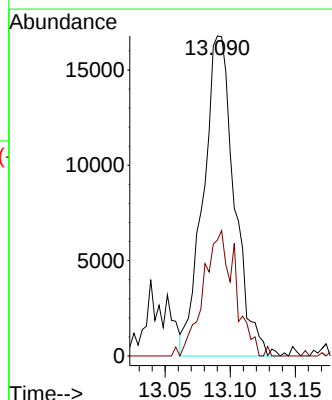
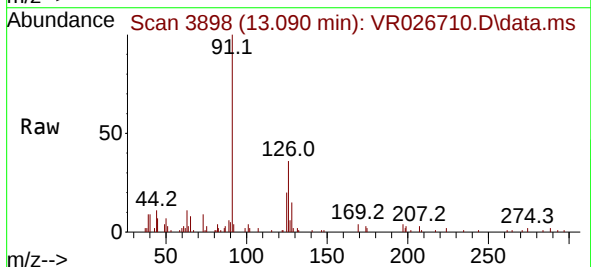
Instrument :
MSVOA_R
ClientSampleId :

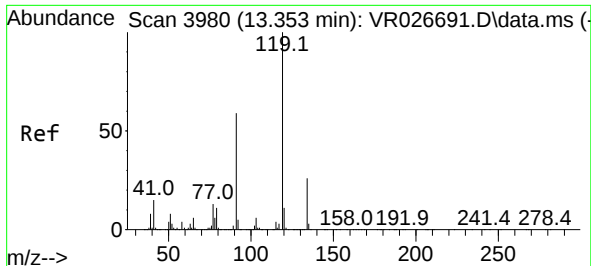
Tgt Ion: 75 Resp: 108637
Ion Ratio Lower Upper
75 100
53 0.1 67.8 101.6#
89 0.0 34.6 52.0#



#81
4-Chlorotoluene
Concen: 2.241 ug/l
RT: 13.090 min Scan# 3898
Delta R.T. -0.013 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 91 Resp: 27986
Ion Ratio Lower Upper
91 100
126 39.8 17.8 53.3

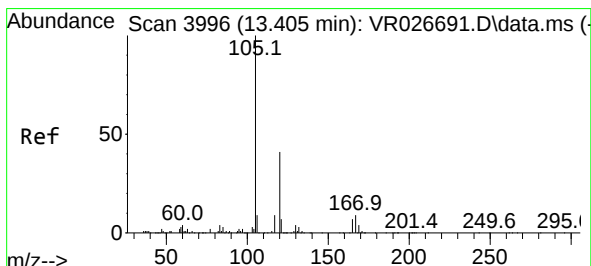
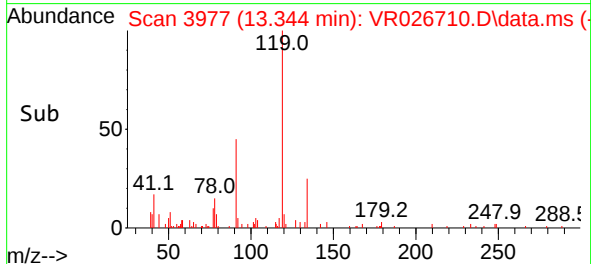
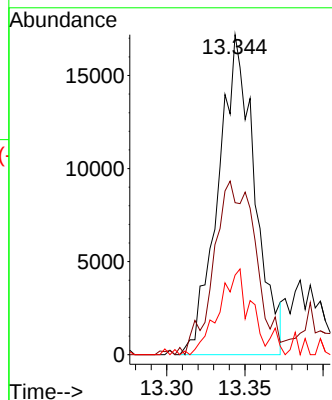
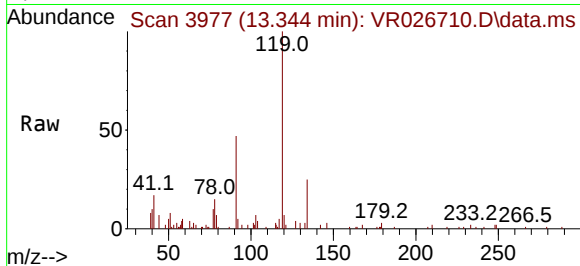




#82
tert-Butylbenzene
Concen: 2.180 ug/l
RT: 13.344 min Scan# 3977
Delta R.T. -0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

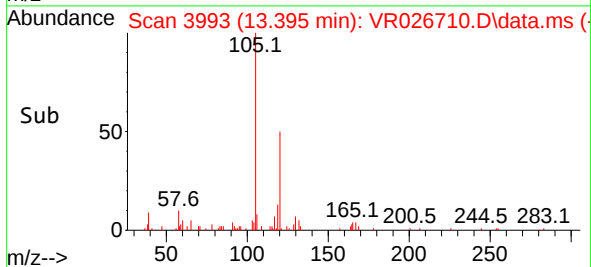
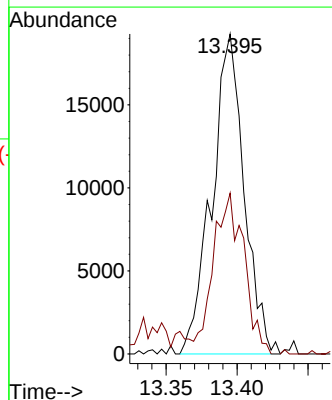
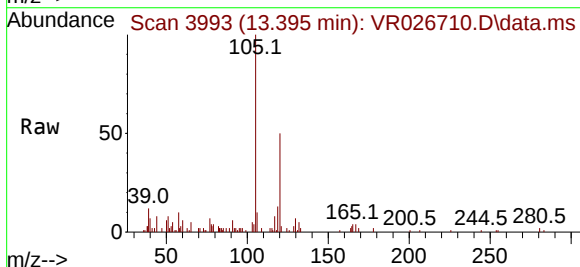
Instrument :
MSVOA_R
ClientSampleId :

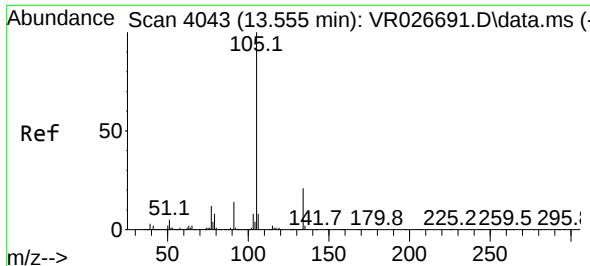
Tgt Ion:119 Resp: 27995
Ion Ratio Lower Upper
119 100
91 62.2 29.9 89.7
134 22.7 13.5 40.4



#83
1,2,4-Trimethylbenzene
Concen: 2.182 ug/l
RT: 13.395 min Scan# 3993
Delta R.T. -0.010 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion:105 Resp: 30498
Ion Ratio Lower Upper
105 100
120 47.6 25.0 75.0

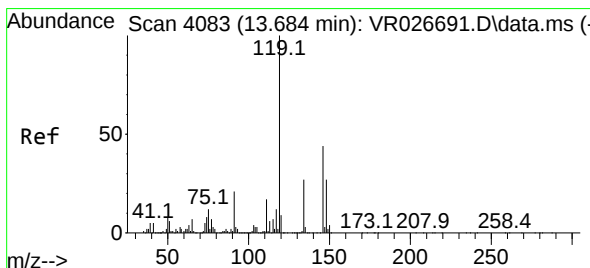
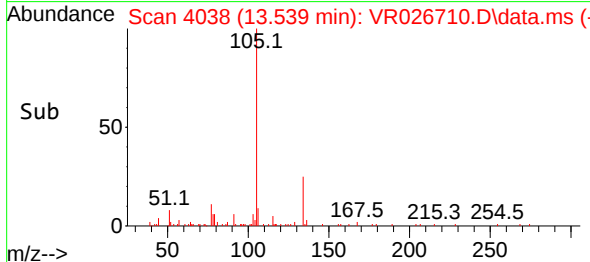
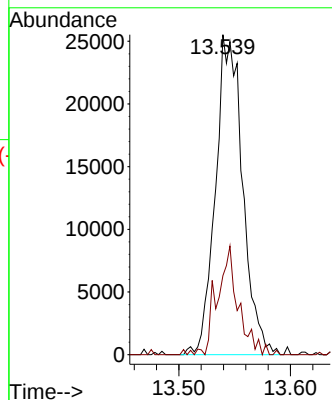
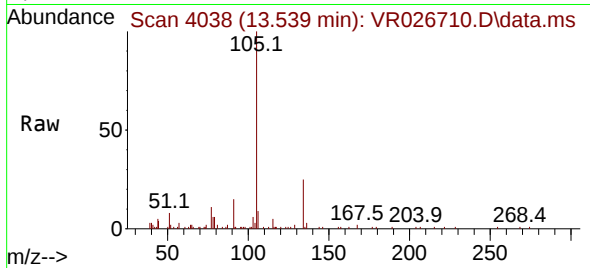




#84
 sec-Butylbenzene
 Concen: 2.258 ug/l
 RT: 13.539 min Scan# 4038
 Delta R.T. -0.016 min
 Lab File: VR026710.D
 Acq: 5 Aug 2025 13:35

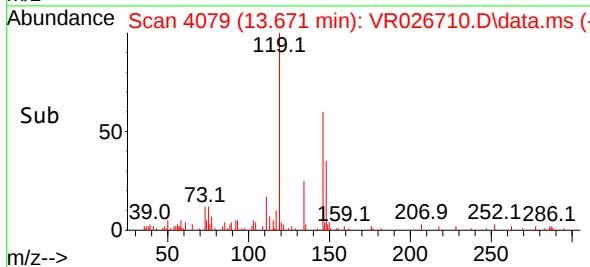
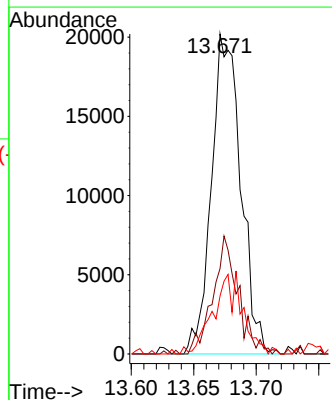
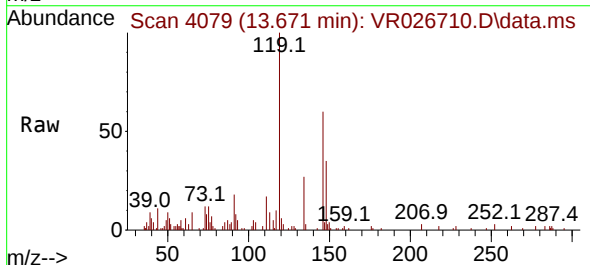
Instrument :
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 ClientSampleId :

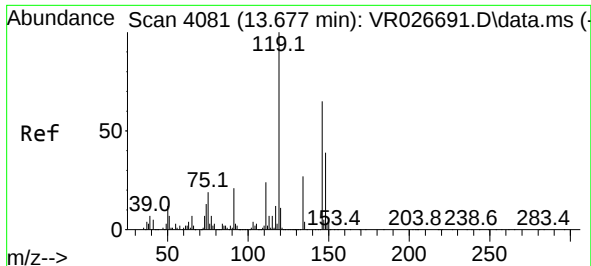
Tgt Ion:105 Resp: 43009
 Ion Ratio Lower Upper
 105 100
 134 26.4 10.4 31.1



#85
 p-Isopropyltoluene
 Concen: 2.129 ug/l
 RT: 13.671 min Scan# 4079
 Delta R.T. -0.013 min
 Lab File: VR026710.D
 Acq: 5 Aug 2025 13:35

Tgt Ion:119 Resp: 33059
 Ion Ratio Lower Upper
 119 100
 134 31.6 13.9 41.7
 91 24.4 10.4 31.2

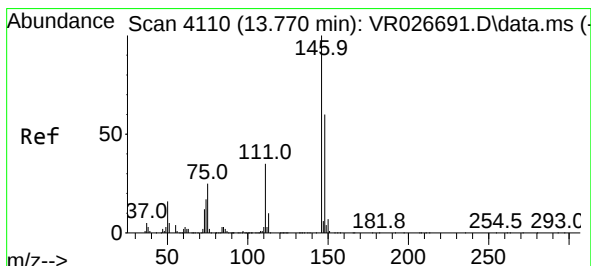
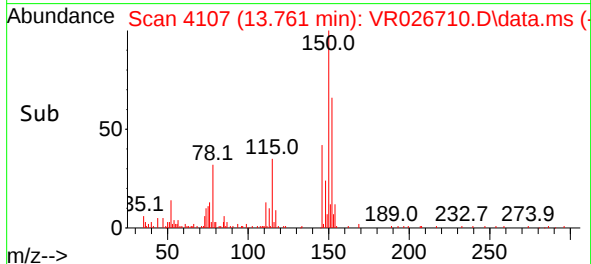
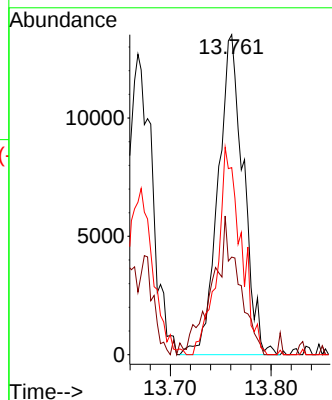
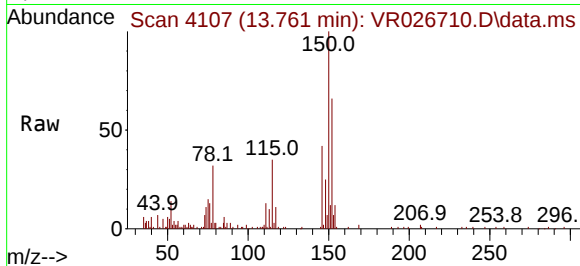




#86
 1,3-Dichlorobenzene
 Concen: 2.883 ug/l
 RT: 13.761 min Scan# 4107
 Delta R.T. 0.084 min
 Lab File: VR026710.D
 Acq: 5 Aug 2025 13:35

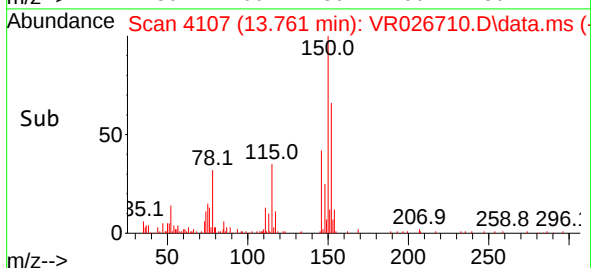
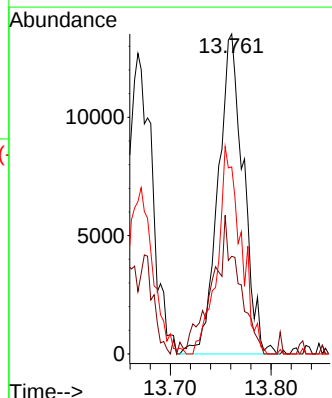
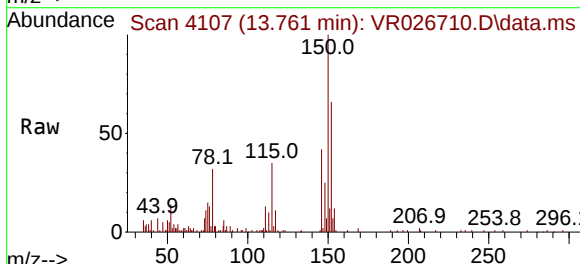
Instrument :
 MSVOA_R
 ClientSampleId :

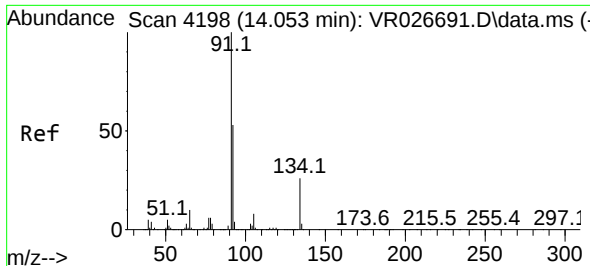
Tgt Ion:146 Resp: 23624
 Ion Ratio Lower Upper
 146 100
 111 44.8 19.4 58.2
 148 60.2 31.4 94.3



#87
 1,4-Dichlorobenzene
 Concen: 2.873 ug/l
 RT: 13.761 min Scan# 4107
 Delta R.T. -0.010 min
 Lab File: VR026710.D
 Acq: 5 Aug 2025 13:35

Tgt Ion:146 Resp: 23624
 Ion Ratio Lower Upper
 146 100
 111 44.8 19.1 57.3
 148 60.2 32.6 97.8

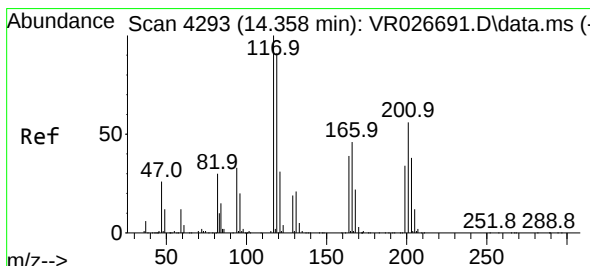
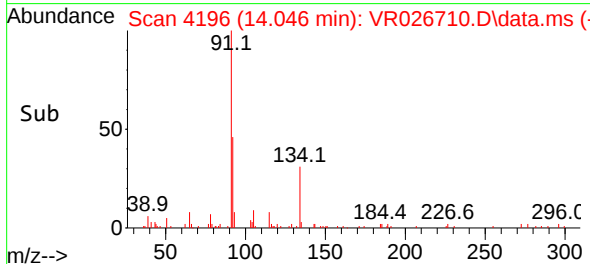
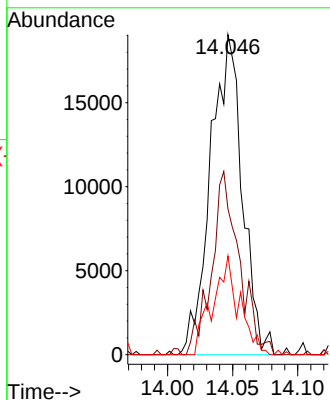
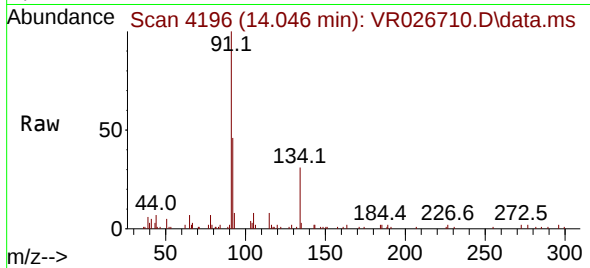




#88
n-Butylbenzene
Concen: 2.258 ug/l
RT: 14.046 min Scan# 4198
Delta R.T. -0.006 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

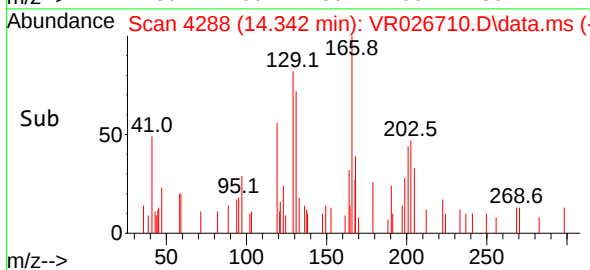
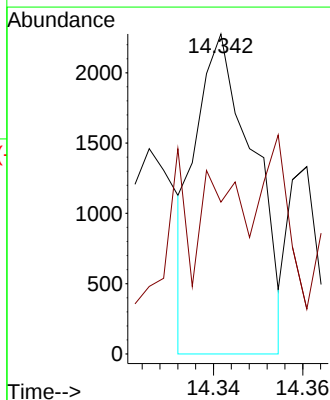
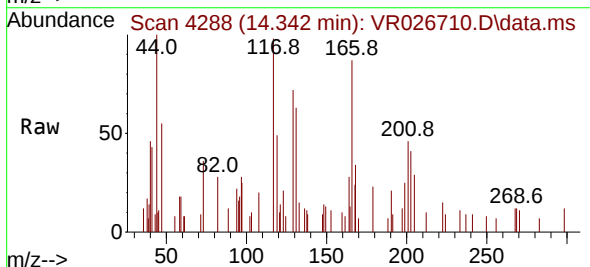
Instrument :
MSVOA_R
ClientSampleId :

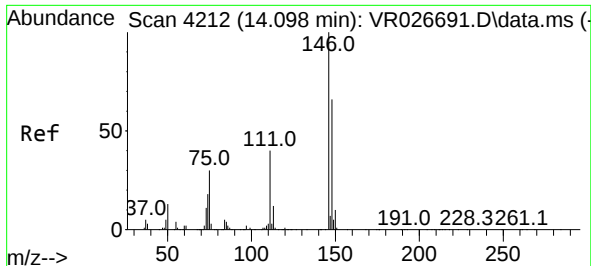
Tgt Ion: 91 Resp: 32328
Ion Ratio Lower Upper
91 100
92 49.6 27.1 81.2
134 26.0 13.1 39.3



#89
Hexachloroethane
Concen: 0.920 ug/l
RT: 14.342 min Scan# 4288
Delta R.T. -0.016 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

Tgt Ion: 117 Resp: 2052
Ion Ratio Lower Upper
117 100
201 41.6 30.6 92.0

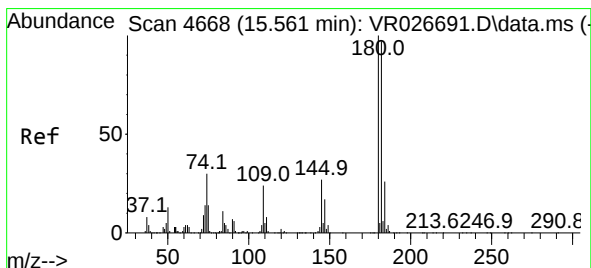
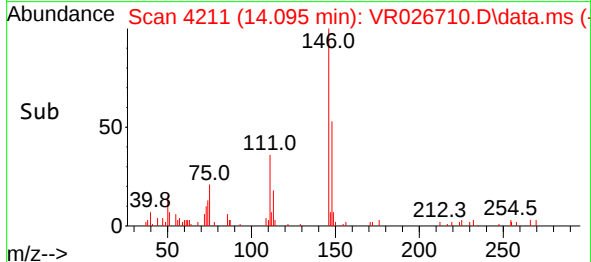
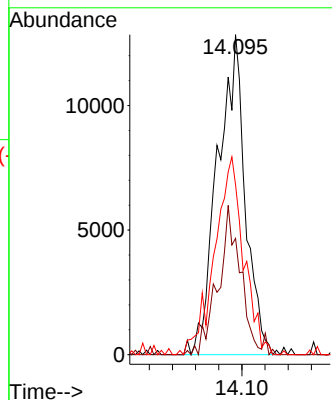
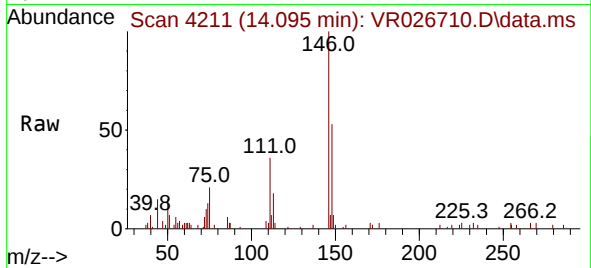




#90
 1,2-Dichlorobenzene
 Concen: 2.769 ug/l
 RT: 14.095 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VR026710.D
 Acq: 5 Aug 2025 13:35

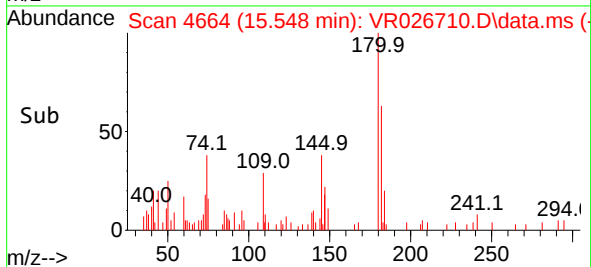
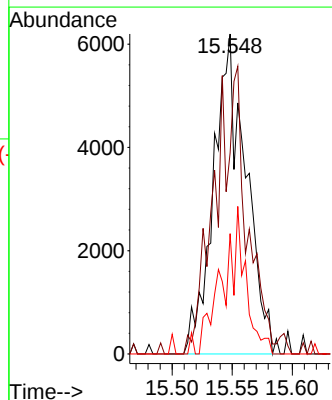
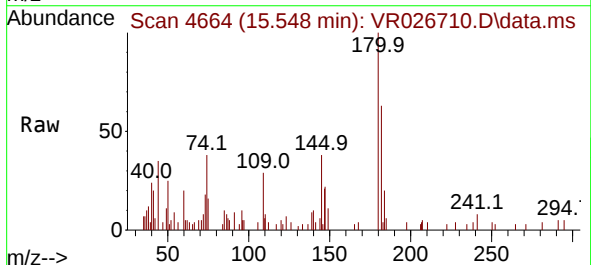
Instrument :
 MSVOA_R
 ClientSampleId :

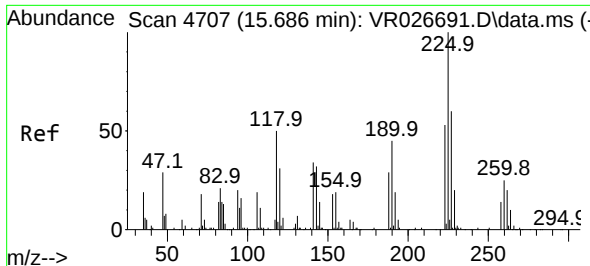
Tgt Ion:146 Resp: 21305
 Ion Ratio Lower Upper
 146 100
 111 37.5 20.0 60.0
 148 64.8 32.4 97.0



#92
 1,2,4-Trichlorobenzene
 Concen: 2.519 ug/l
 RT: 15.548 min Scan# 4664
 Delta R.T. -0.013 min
 Lab File: VR026710.D
 Acq: 5 Aug 2025 13:35

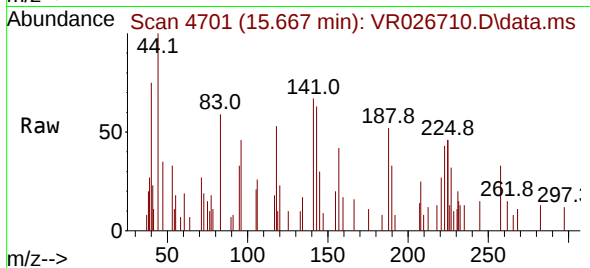
Tgt Ion:180 Resp: 11591
 Ion Ratio Lower Upper
 180 100
 182 48.5 47.0 141.0
 145 32.2 15.2 45.5



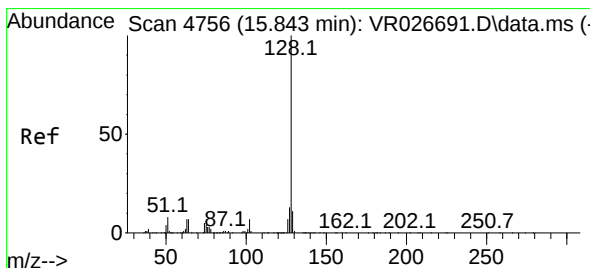
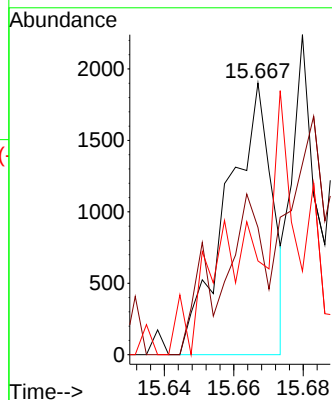
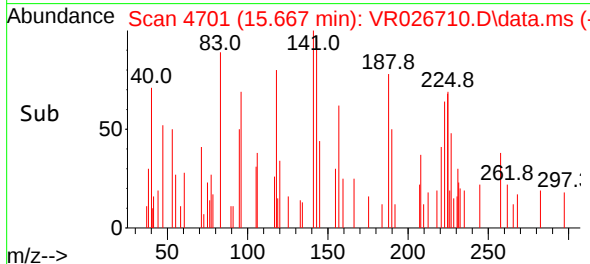


#93
Hexachlorobutadiene
Concen: 1.158 ug/l
RT: 15.667 min Scan# 4701
Delta R.T. -0.019 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35

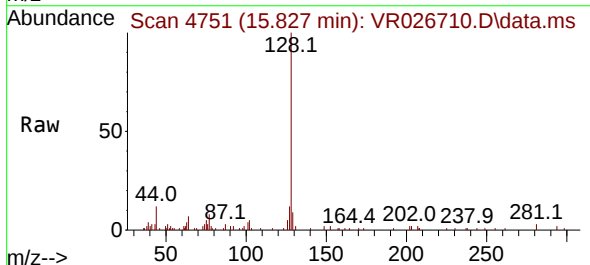
Instrument :
MSVOA_R
ClientSampleId :



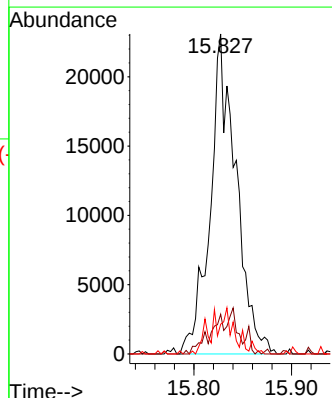
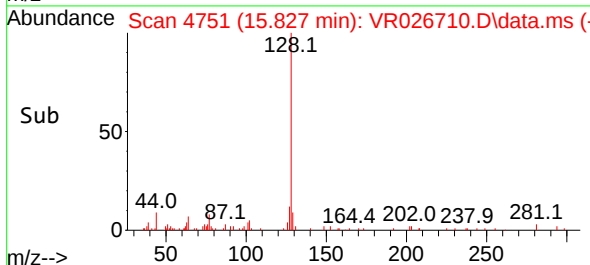
Tgt Ion:225 Resp: 1731
Ion Ratio Lower Upper
225 100
223 41.0 31.4 94.2
227 34.3 31.6 95.0

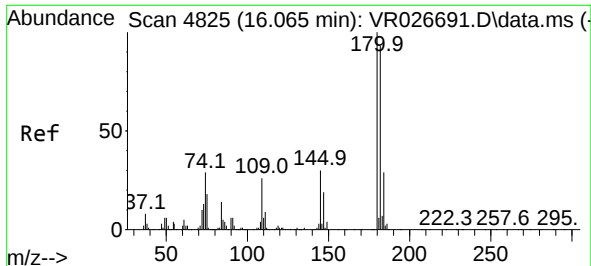


#94
Naphthalene
Concen: 3.009 ug/l
RT: 15.827 min Scan# 4751
Delta R.T. -0.016 min
Lab File: VR026710.D
Acq: 5 Aug 2025 13:35



Tgt Ion:128 Resp: 42425
Ion Ratio Lower Upper
128 100
127 7.0 9.8 14.8#
129 2.0 8.6 13.0#





#95
 1,2,3-Trichlorobenzene
 Concen: 1.981 ug/l
 RT: 16.055 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VR026710.D
 Acq: 5 Aug 2025 13:35

Instrument :
 MSVOA_R
 ClientSampleId :

Tgt Ion:180 Resp: 8656
 Ion Ratio Lower Upper
 180 100
 182 65.3 47.2 141.6
 145 13.2 15.5 46.5#

