

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV080825\
 Data File : VV038930.D
 Acq On : 08 Aug 2025 11:56
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 11 05:06:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V080825W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 11 04:47:10 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	561814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	880492	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	838919	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	504654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.934	65	728697	90.190	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 180.380%#	
35) Dibromofluoromethane	4.494	113	614488	91.992	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 183.980%#	
50) Toluene-d8	7.233	98	2230237	96.404	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 192.800%#	
62) 4-Bromofluorobenzene	9.998	95	862217	103.486	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 206.980%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.118	85	391103	103.467	ug/l	100
3) Chloromethane	1.230	50	352113	97.630	ug/l	98
4) Vinyl Chloride	1.294	62	438276	98.897	ug/l	100
5) Bromomethane	1.478	94	277597	79.909	ug/l	97
6) Chloroethane	1.548	64	316726	99.363	ug/l	99
7) Trichlorofluoromethane	1.719	101	848870	96.724	ug/l	98
8) Diethyl Ether	1.915	74	323365	98.809	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.076	101	525930	93.810	ug/l	98
10) Methyl Iodide	2.192	142	664161	100.811	ug/l	99
11) Tert butyl alcohol	2.577	59	672628	492.238	ug/l	100
12) 1,1-Dichloroethene	2.076	96	442074	95.145	ug/l	97
13) Acrolein	2.005	56	476245	507.837	ug/l	100
14) Allyl chloride	2.352	41	785158	96.633	ug/l	100
15) Acrylonitrile	2.671	53	1698783	470.896	ug/l	100
16) Acetone	2.118	43	1360706	469.170	ug/l	99
17) Carbon Disulfide	2.246	76	733002	97.697	ug/l	100
18) Methyl Acetate	2.375	43	1192118	100.248	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	1864809	97.544	ug/l	100
20) Methylene Chloride	2.452	84	546805	99.907	ug/l	99
21) trans-1,2-Dichloroethene	2.696	96	465682	92.212	ug/l	98
22) Diisopropyl ether	3.211	45	1706250	103.844	ug/l	90
23) Vinyl Acetate	3.185	43	6464803	529.650	ug/l	100
24) 1,1-Dichloroethane	3.114	63	996795	94.594	ug/l	99
25) 2-Butanone	3.860	43	2031769	551.192	ug/l	98
26) 2,2-Dichloropropane	3.806	77	920351	98.568	ug/l	99
27) cis-1,2-Dichloroethene	3.812	96	617431	101.476	ug/l	98
28) Bromochloromethane	4.140	49	305913	99.635	ug/l	100
29) Tetrahydrofuran	4.230	42	1277483	522.024	ug/l	99
30) Chloroform	4.275	83	1084708	94.602	ug/l	98
31) Cyclohexane	4.577	56	624269	96.177	ug/l	94
32) 1,1,1-Trichloroethane	4.510	97	951047	96.440	ug/l	98
36) 1,1-Dichloropropene	4.738	75	622890	105.739	ug/l	97
37) Ethyl Acetate	3.970	43	731194	94.509	ug/l	99
38) Carbon Tetrachloride	4.728	117	805268	102.415	ug/l	98
39) Methylcyclohexane	6.043	83	742332	115.165	ug/l	99
40) Benzene	5.005	78	2049119	104.560	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	387984	122.181	ug/l	99
42) 1,2-Dichloroethane	5.034	62	751020	98.634	ug/l	99
43) Isopropyl Acetate	5.188	43	1206477	110.440	ug/l	99
44) Trichloroethene	5.825	130	534569	103.663	ug/l	91
45) 1,2-Dichloropropane	6.085	63	550144	103.810	ug/l	100
46) Dibromomethane	6.220	93	418182	103.221	ug/l	99
47) Bromodichloromethane	6.423	83	892850	99.197	ug/l	98
48) Methyl methacrylate	6.291	41	587617	126.090	ug/l	99
49) 1,4-Dioxane	6.285	88	231427	2239.186	ug/l	97
51) 4-Methyl-2-Pentanone	7.146	43	4287956	566.274	ug/l	100
52) Toluene	7.304	92	1363920	110.235	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	899951	114.291	ug/l	99
54) cis-1,3-Dichloropropene	6.944	75	936742	108.967	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	610357	100.806	ug/l	99
56) Ethyl methacrylate	7.712	69	942628	99.914	ug/l	99
57) 1,3-Dichloropropane	7.931	76	984071	106.253	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	2043788	575.275	ug/l	100
59) 2-Hexanone	8.063	43	3276785	599.511	ug/l	98
60) Dibromochloromethane	8.166	129	760100	102.520	ug/l	99
61) 1,2-Dibromoethane	8.272	107	629520	104.736	ug/l	100
64) Tetrachloroethene	7.895	164	476927	96.865	ug/l	98
65) Chlorobenzene	8.802	112	1667144	101.658	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	635051	98.452	ug/l	99
67) Ethyl Benzene	8.934	91	2804102	116.414	ug/l	100
68) m/p-Xylenes	9.063	106	2207474	237.793	ug/l	99
69) o-Xylene	9.468	106	1067521	122.291	ug/l	98
70) Styrene	9.484	104	1909231	121.481	ug/l	100
71) Bromoform	9.654	173	562490	103.770	ug/l #	99
73) Isopropylbenzene	9.854	105	2936537	111.483	ug/l	100
74) N-amyl acetate	9.722	43	1130502	122.129	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	1038967	92.252	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	820347	99.420	ug/l	97
77) Bromobenzene	10.140	156	735397	104.000	ug/l	98
78) n-propylbenzene	10.278	91	3561486	114.613	ug/l	100
79) 2-Chlorotoluene	10.349	91	2101327	110.174	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	2590503	116.561	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.928	75	380050	115.399	ug/l	99
82) 4-Chlorotoluene	10.461	91	2526476	113.262	ug/l	100
83) tert-Butylbenzene	10.789	119	2672557	112.886	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	2600031	117.880	ug/l	99
85) sec-Butylbenzene	11.011	105	3450624	115.347	ug/l	100
86) p-Isopropyltoluene	11.165	119	2977556	114.257	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	1509149	102.102	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	1535075	95.367	ug/l	99
89) n-Butylbenzene	11.580	91	2865445	118.939	ug/l	98
90) Hexachloroethane	11.821	117	606387	98.641	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	1465183	104.870	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	254454	103.157	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	1020233	115.773	ug/l	100
94) Hexachlorobutadiene	13.368	225	456888	98.119	ug/l	99
95) Naphthalene	13.423	128	3555396	128.575	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	1035982	114.878	ug/l	100

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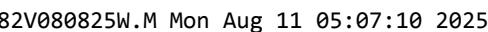
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MSVOA_V
ClientSampleId :
VSTDICC100

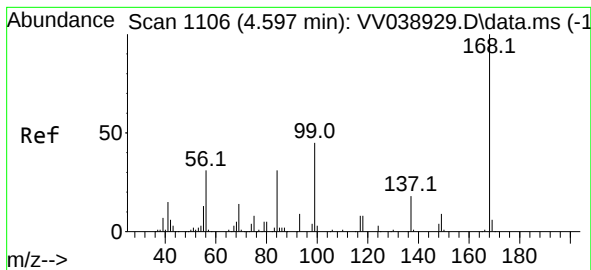
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.597 min Scan# 11

Delta R.T. -0.000 min

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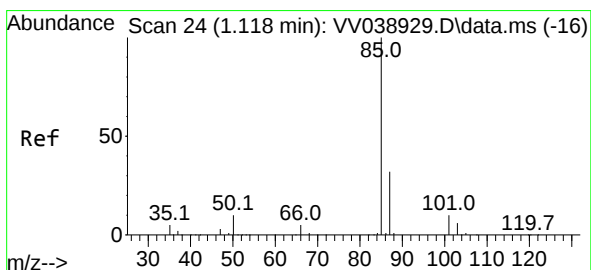
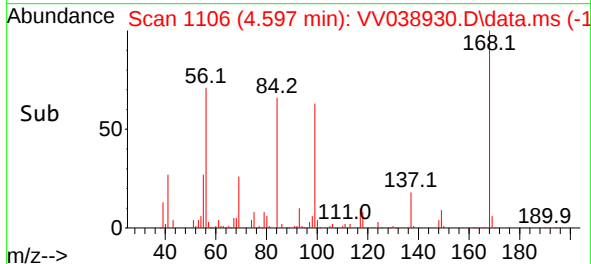
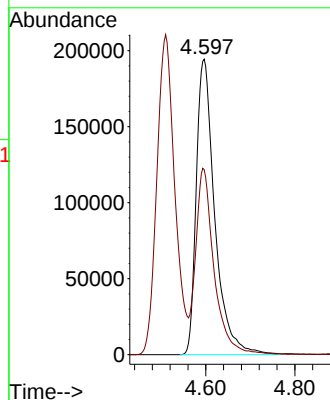
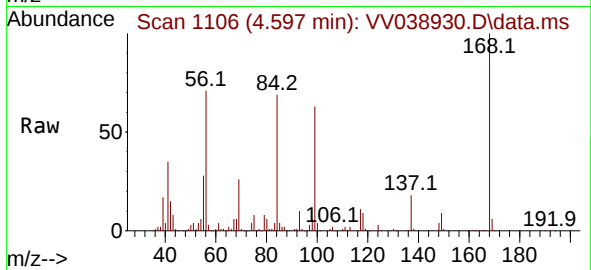
VSTDICC100

Tgt Ion:168 Resp: 561814

Ion Ratio Lower Upper

168 100

99 62.3 47.3 70.9



#2

Dichlorodifluoromethane

Concen: 103.467 ug/l

RT: 1.118 min Scan# 24

Delta R.T. 0.000 min

Lab File: VV038930.D

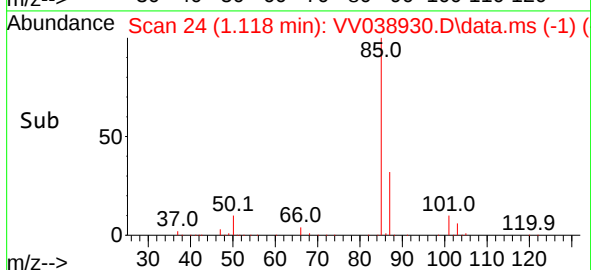
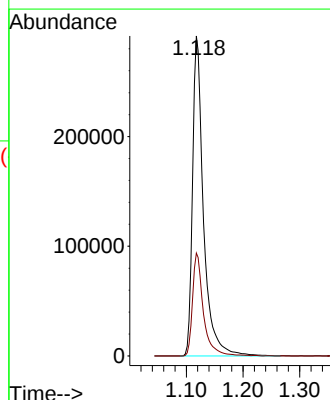
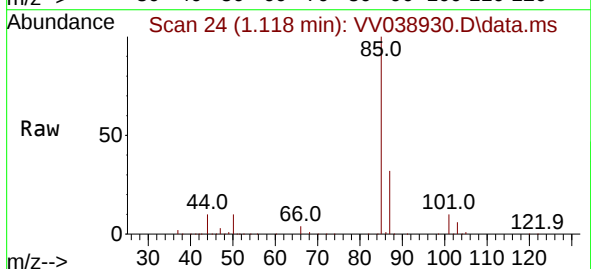
Acq: 08 Aug 2025 11:56

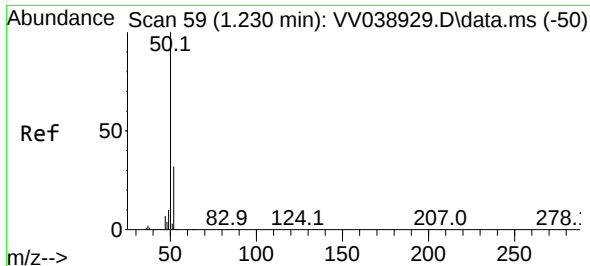
Tgt Ion: 85 Resp: 391103

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.6

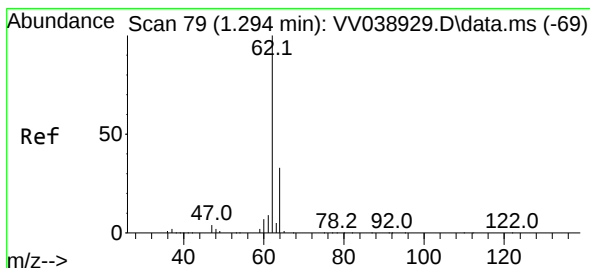
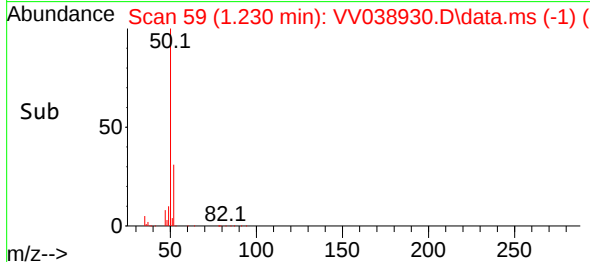
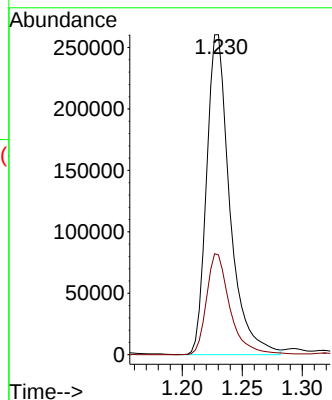
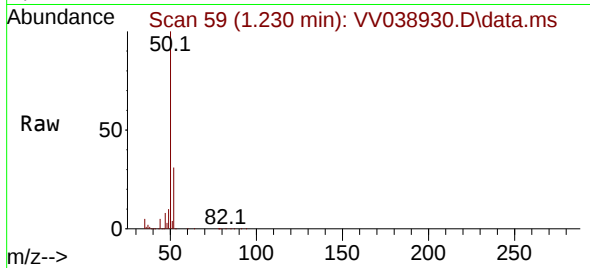




#3
Chloromethane
Concen: 97.630 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038930.D
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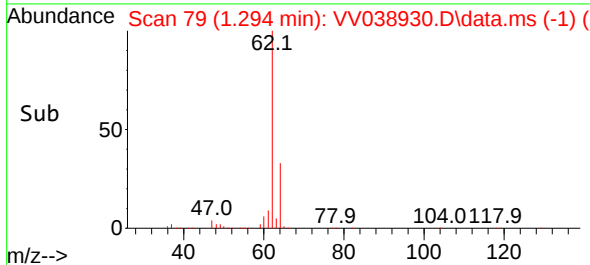
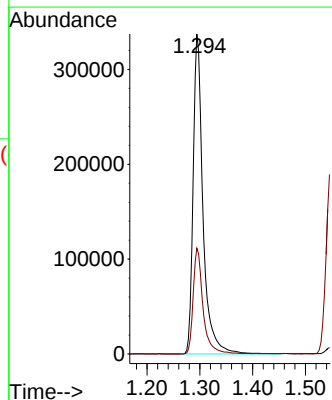
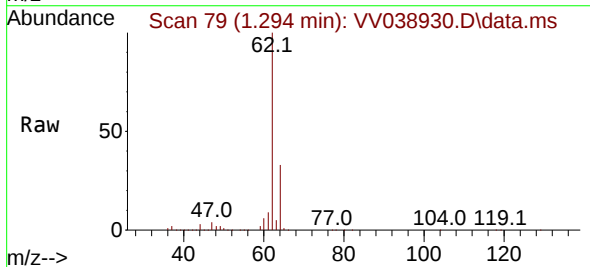
Instrument :
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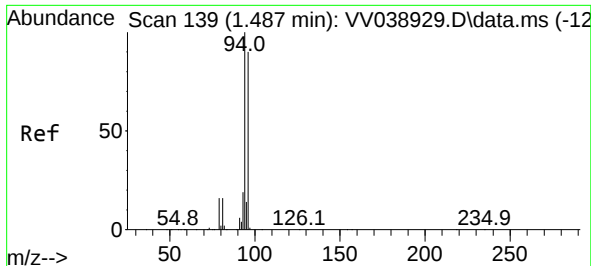
Tgt Ion: 50 Resp: 352113
Ion Ratio Lower Upper
50 100
52 31.1 25.9 38.9



#4
Vinyl Chloride
Concen: 98.897 ug/l
RT: 1.294 min Scan# 79
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 62 Resp: 438276
Ion Ratio Lower Upper
62 100
64 33.0 26.6 40.0

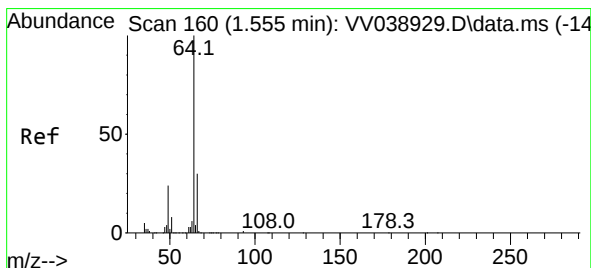
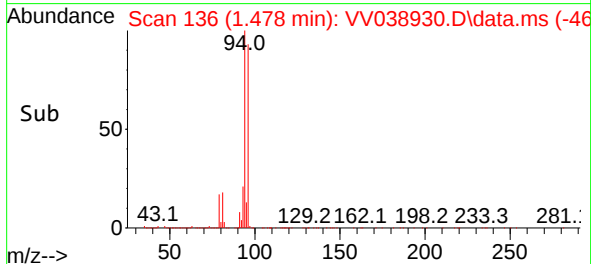
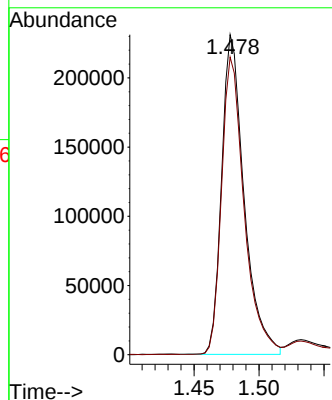
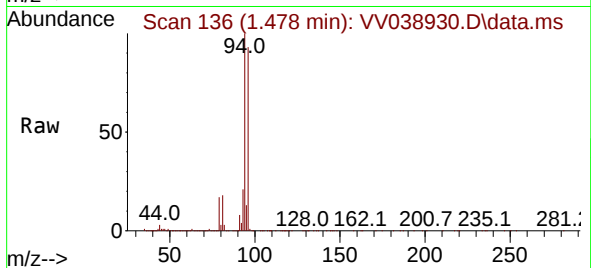




#5
Bromomethane
Concen: 79.909 ug/l
RT: 1.478 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV038930.D
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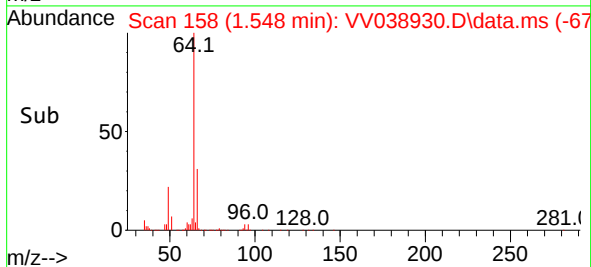
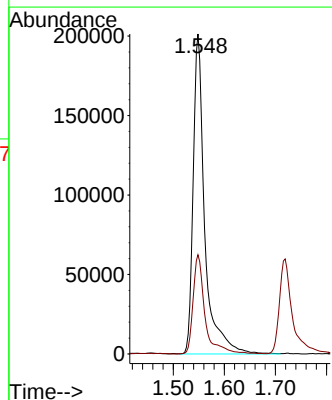
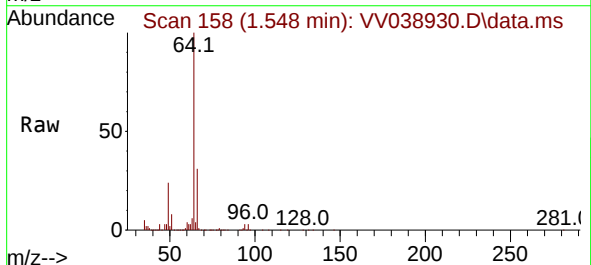
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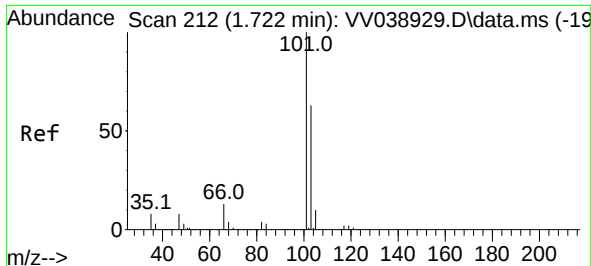
Tgt Ion: 94 Resp: 277597
Ion Ratio Lower Upper
94 100
96 93.0 71.8 107.8



#6
Chloroethane
Concen: 99.363 ug/l
RT: 1.548 min Scan# 158
Delta R.T. -0.006 min
Lab File: VV038930.D
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Tgt Ion: 64 Resp: 316726
Ion Ratio Lower Upper
64 100
66 30.9 24.3 36.5

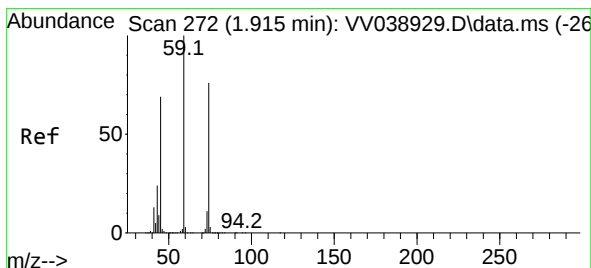
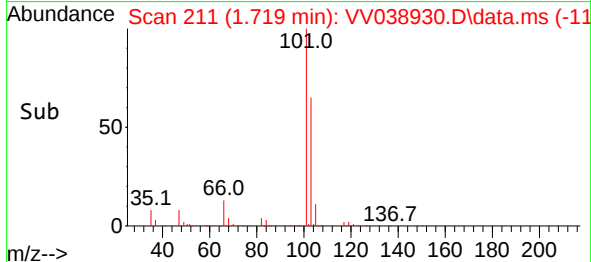
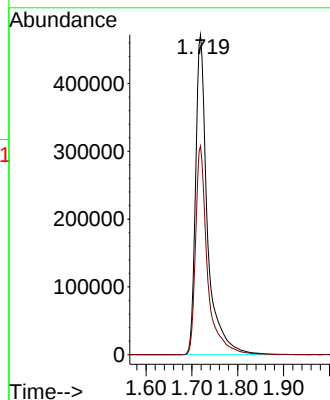
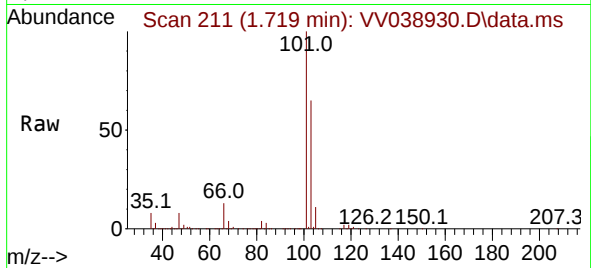




#7
Trichlorofluoromethane
Concen: 96.724 ug/l
RT: 1.719 min Scan# 211
Delta R.T. -0.003 min
Lab File: VV038930.D
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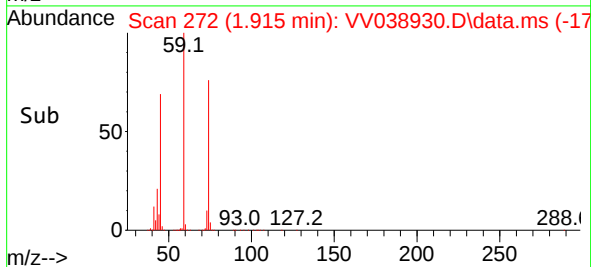
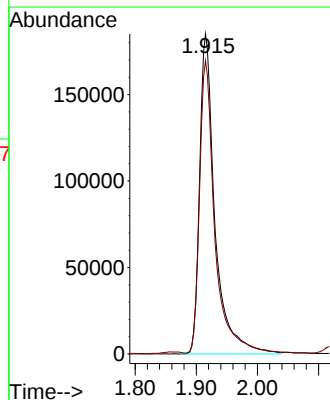
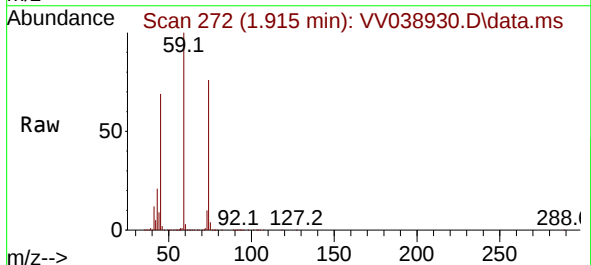
Instrument :
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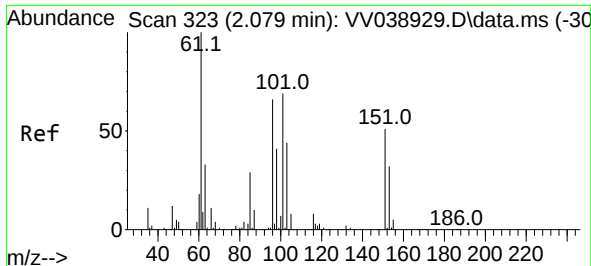
Tgt Ion:101 Resp: 848870
Ion Ratio Lower Upper
101 100
103 65.2 50.8 76.2



#8
Diethyl Ether
Concen: 98.809 ug/l
RT: 1.915 min Scan# 272
Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 323365
Ion Ratio Lower Upper
74 100
45 90.3 44.8 134.4

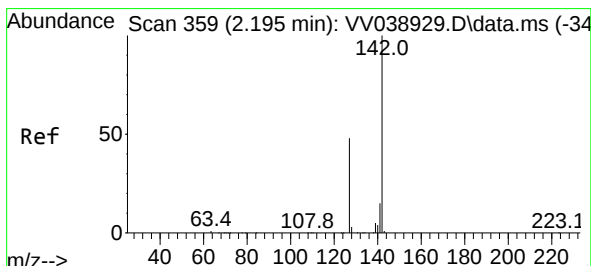
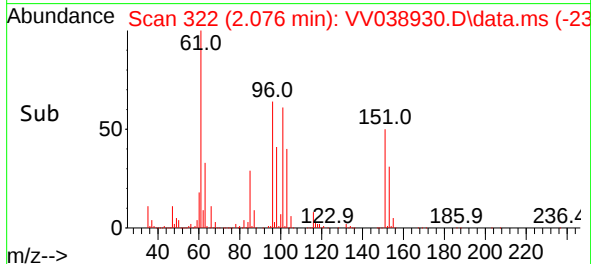
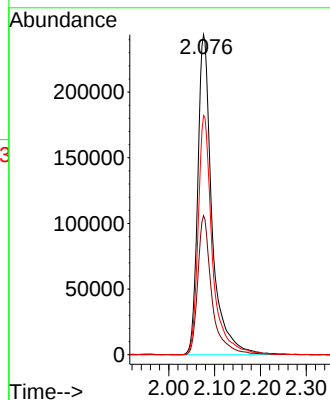
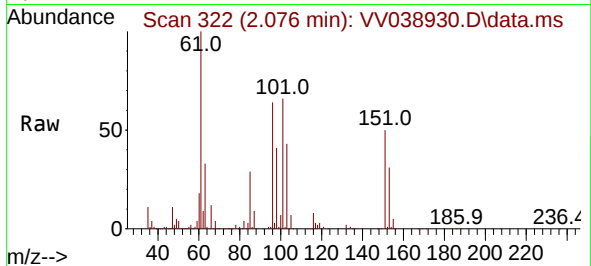




#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.810 ug/l
RT: 2.076 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

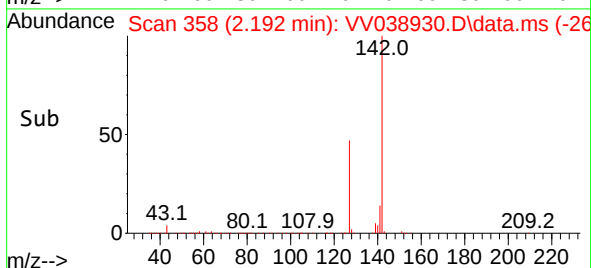
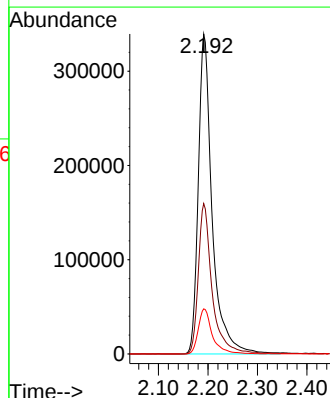
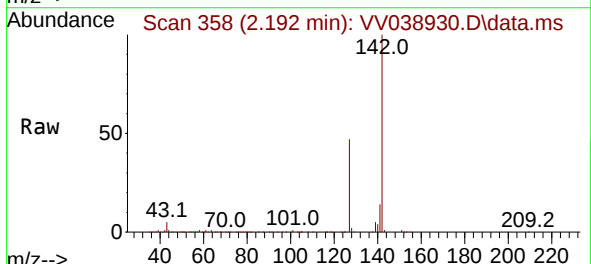
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

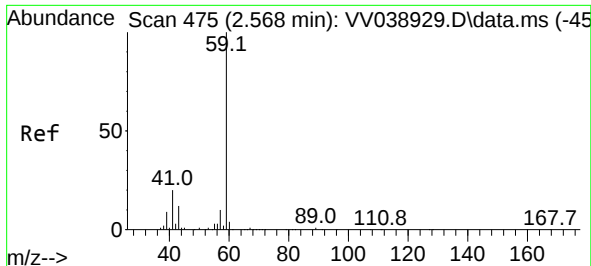
Tgt Ion:101 Resp: 525930
Ion Ratio Lower Upper
101 100
85 42.9 35.1 52.7
151 74.1 60.6 91.0



#10
Methyl Iodide
Concen: 100.811 ug/l
RT: 2.192 min Scan# 358
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion:142 Resp: 664161
Ion Ratio Lower Upper
142 100
127 46.7 38.2 57.2
141 14.4 11.6 17.4

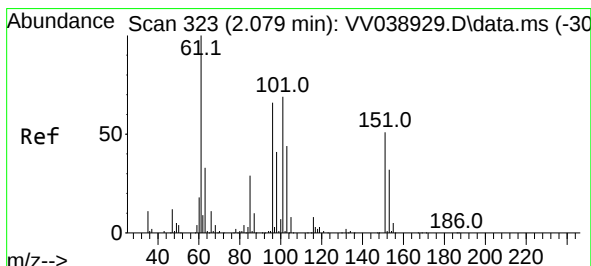
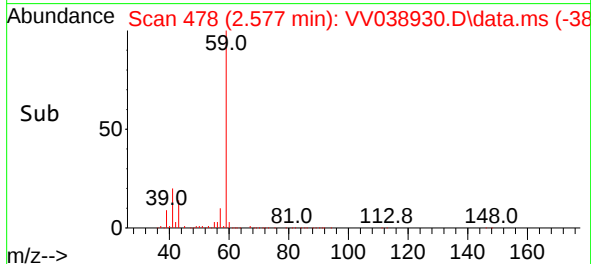
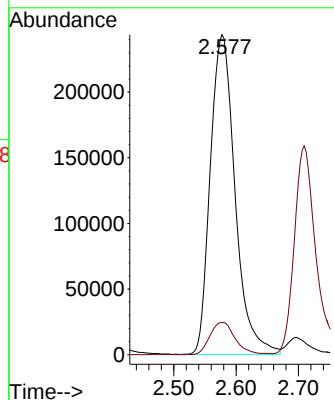
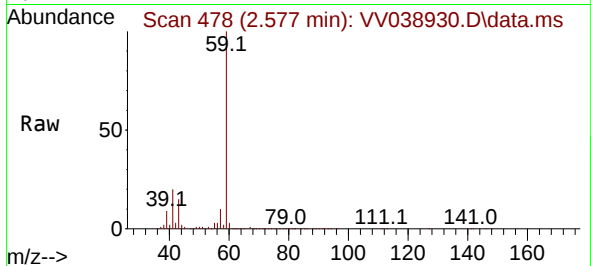




#11
Tert butyl alcohol
Concen: 492.238 ug/l
RT: 2.577 min Scan# 41
Delta R.T. 0.009 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

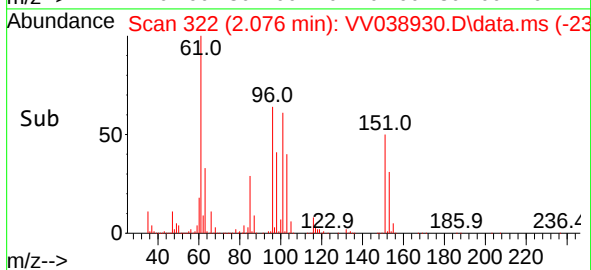
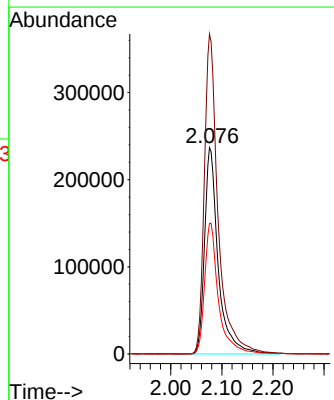
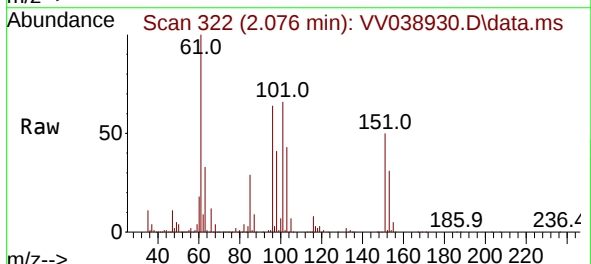
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

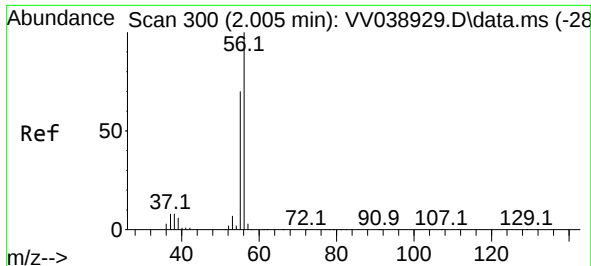
Tgt Ion: 59 Resp: 672628
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 95.145 ug/l
RT: 2.076 min Scan# 322
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 96 Resp: 442074
Ion Ratio Lower Upper
96 100
61 155.0 121.0 181.4
98 63.3 49.4 74.2

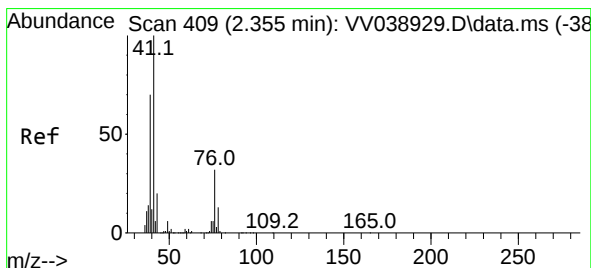
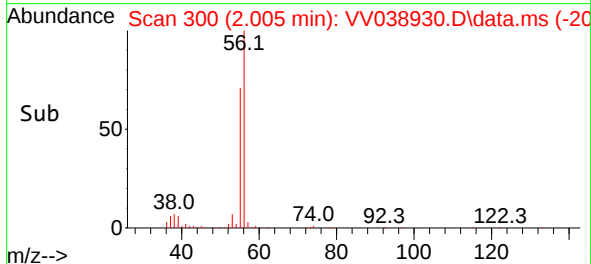
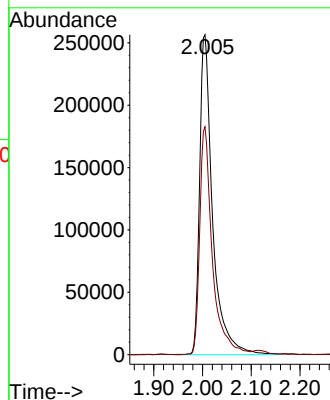
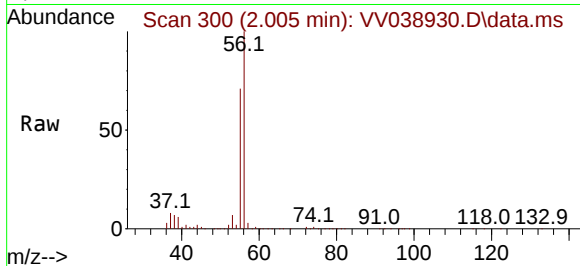




#13
Acrolein
Concen: 507.837 ug/l
RT: 2.005 min Scan# 300
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

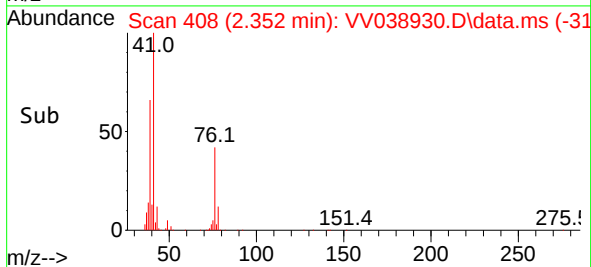
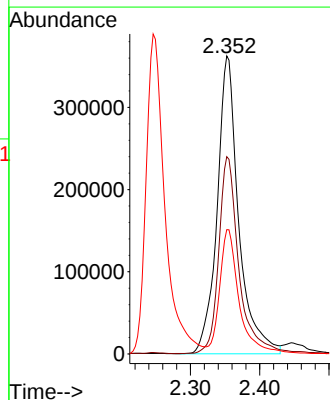
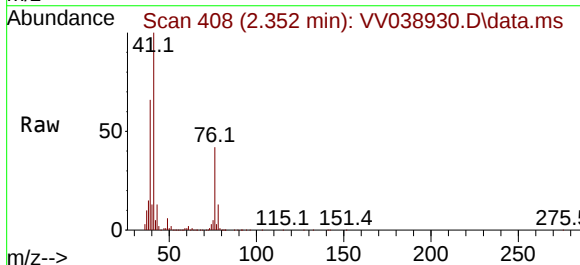
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

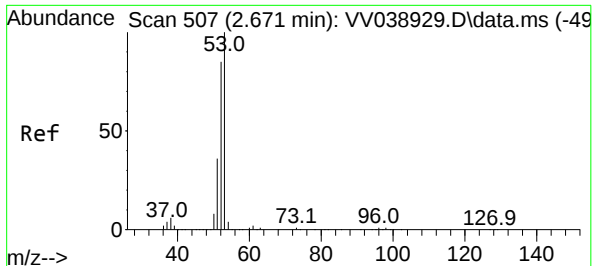
Tgt Ion: 56 Resp: 476245
Ion Ratio Lower Upper
56 100
55 69.0 55.1 82.7



#14
Allyl chloride
Concen: 96.633 ug/l
RT: 2.352 min Scan# 408
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 41 Resp: 785158
Ion Ratio Lower Upper
41 100
39 62.2 49.9 74.9
76 37.5 29.7 44.5



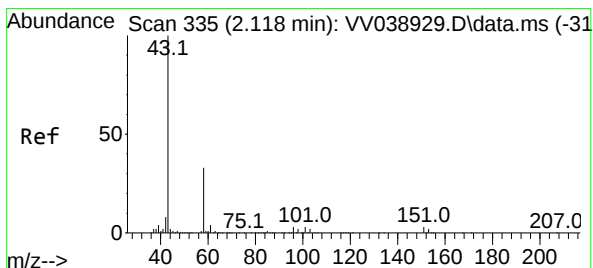
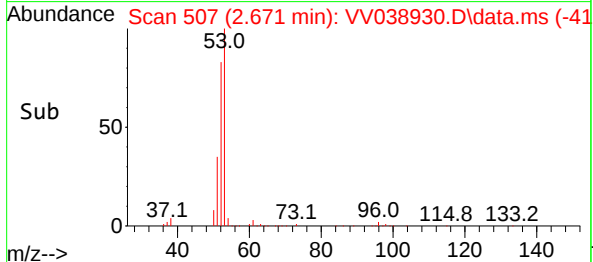
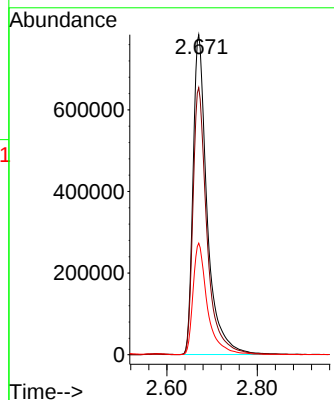
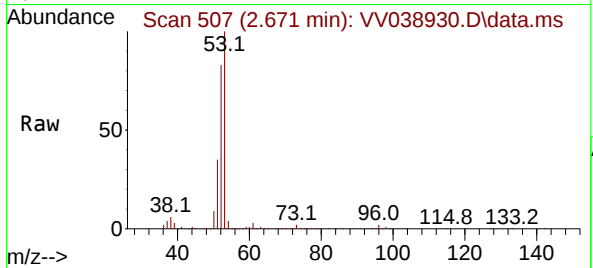


#15
Acrylonitrile
Concen: 470.896 ug/l
RT: 2.671 min Scan# 507
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Tgt Ion: 53 Resp: 1698783

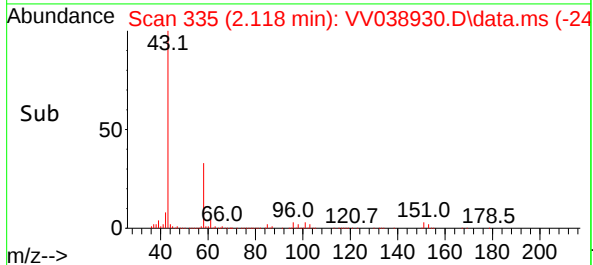
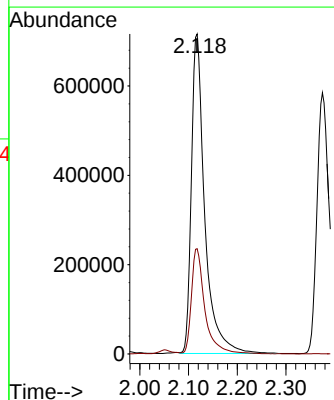
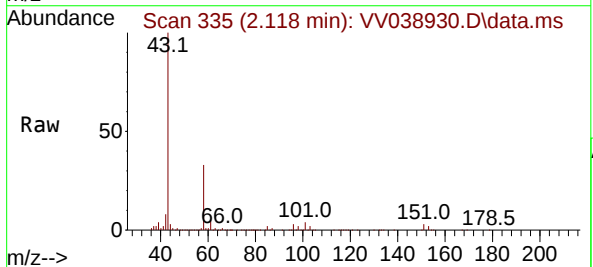
Ion	Ratio	Lower	Upper
53	100		
52	82.9	66.4	99.6
51	35.5	28.6	43.0

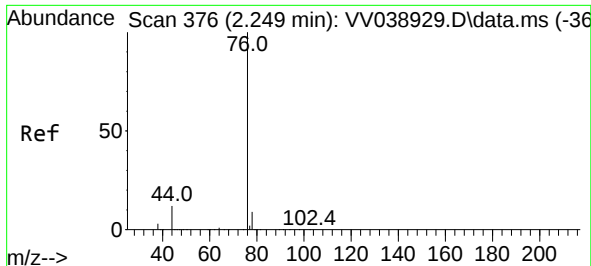


#16
Acetone
Concen: 469.170 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 43 Resp: 1360706

Ion	Ratio	Lower	Upper
43	100		
58	32.9	26.8	40.2

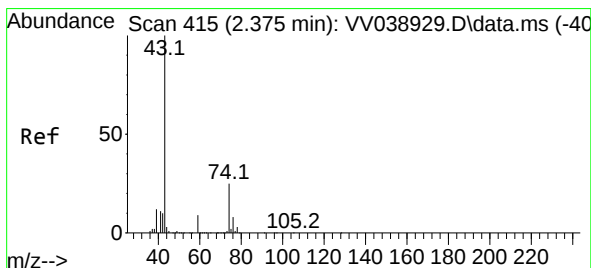
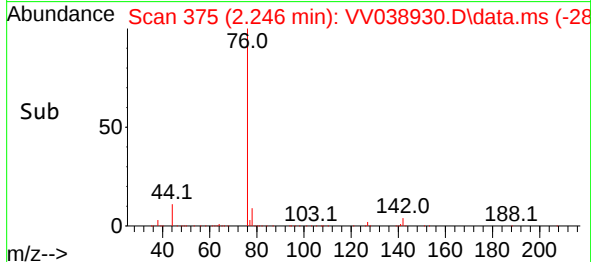
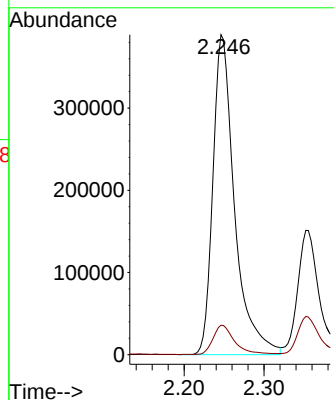
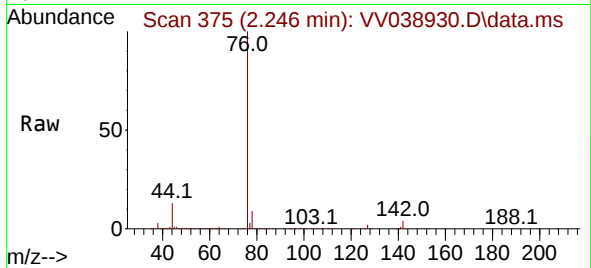




#17
Carbon Disulfide
Concen: 97.697 ug/l
RT: 2.246 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

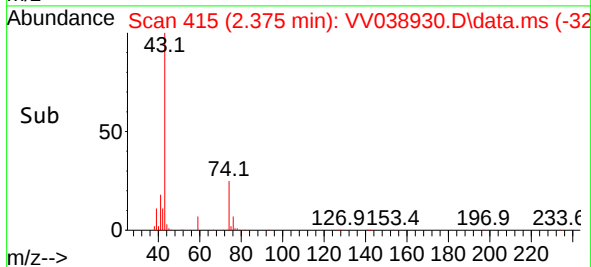
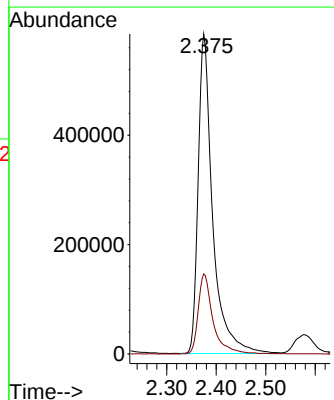
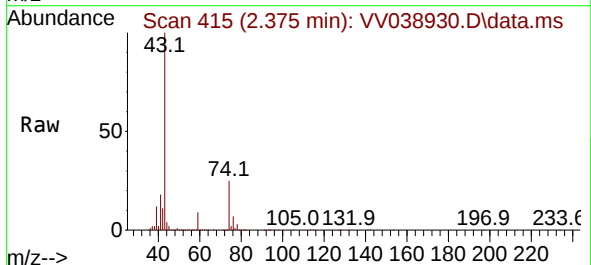
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

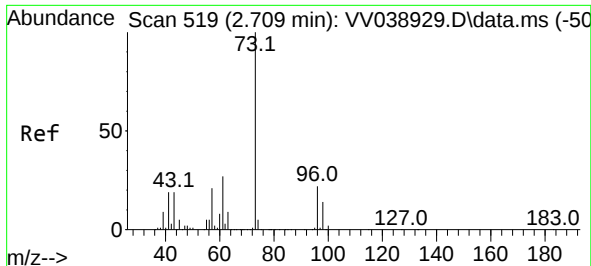
Tgt Ion: 76 Resp: 733002
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.2



#18
Methyl Acetate
Concen: 100.248 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 43 Resp: 1192118
Ion Ratio Lower Upper
43 100
74 25.5 20.6 30.8

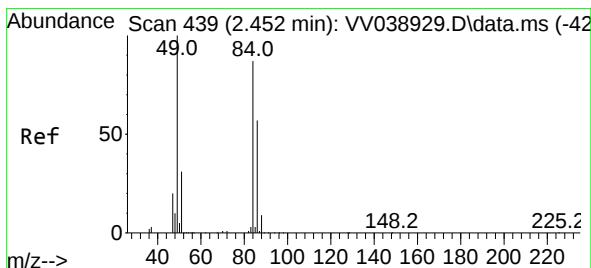
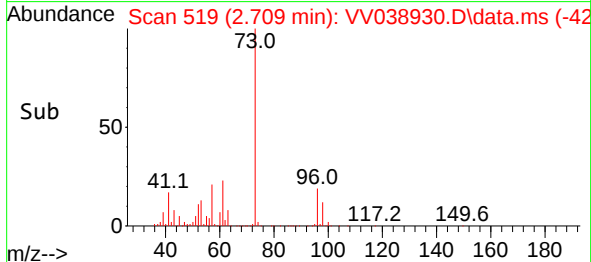
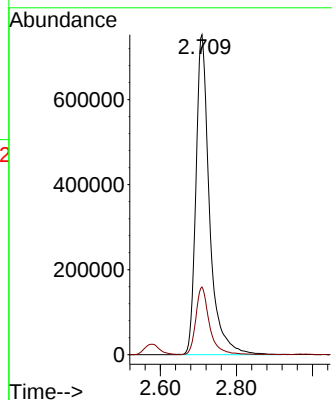
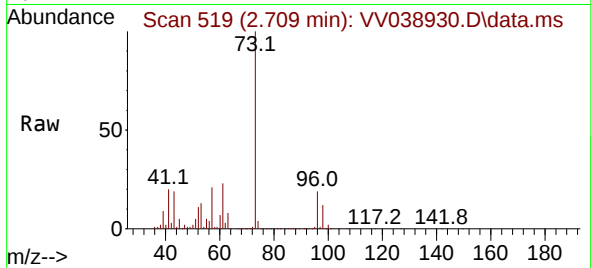




#19
Methyl tert-butyl Ether
Concen: 97.544 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

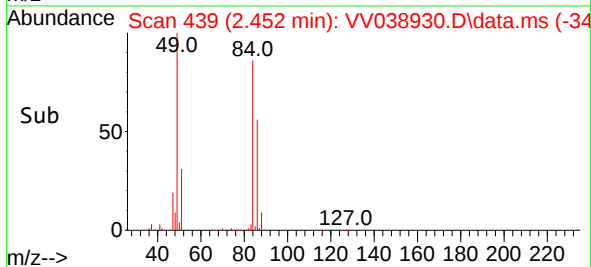
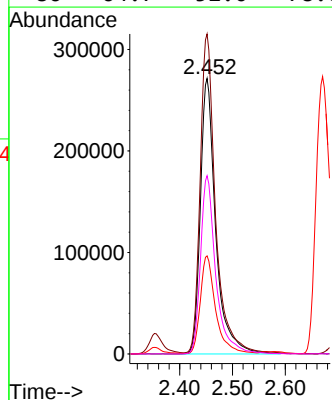
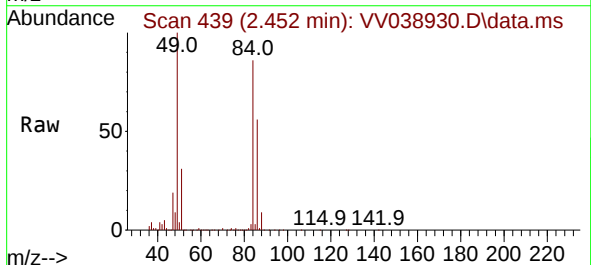
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

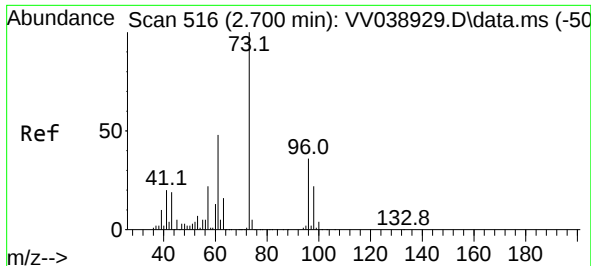
Tgt Ion: 73 Resp: 1864809
Ion Ratio Lower Upper
73 100
57 21.1 17.0 25.6



#20
Methylene Chloride
Concen: 99.907 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 84 Resp: 546805
Ion Ratio Lower Upper
84 100
49 115.7 91.7 137.5
51 35.3 28.3 42.5
86 64.7 52.0 78.0

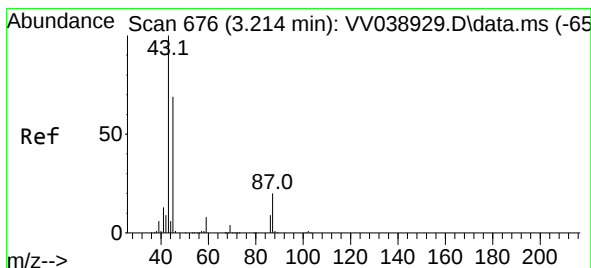
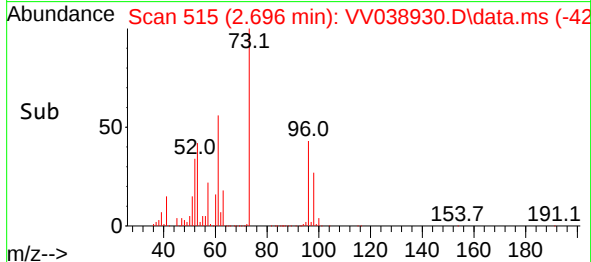
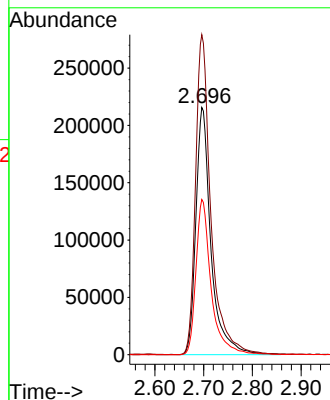
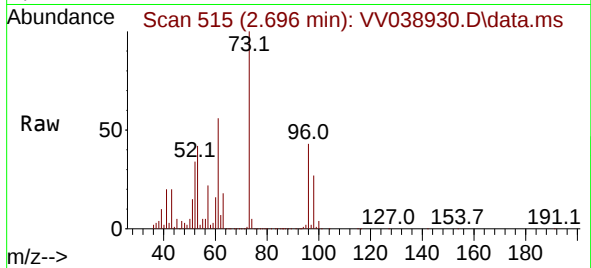




#21
trans-1,2-Dichloroethene
Concen: 92.212 ug/l
RT: 2.696 min Scan# 516
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

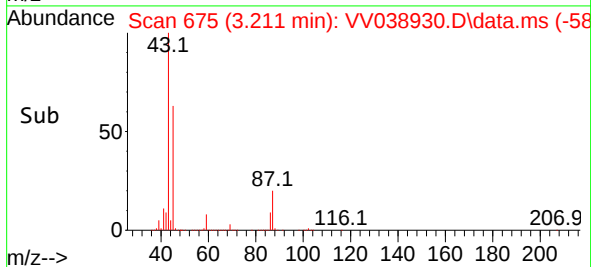
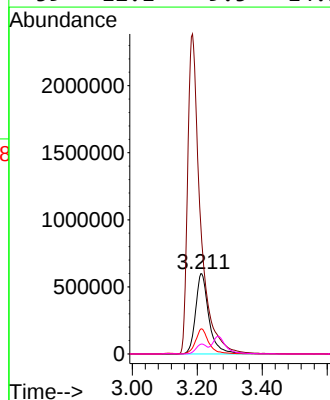
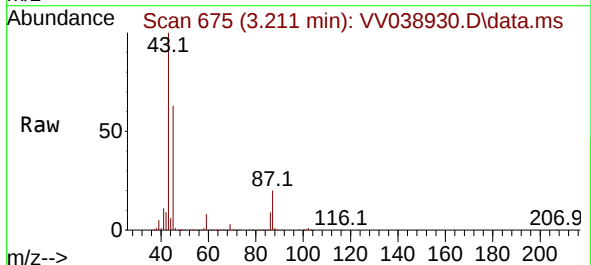
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

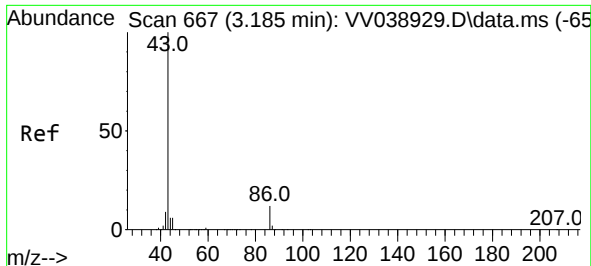
Tgt Ion: 96 Resp: 465682
Ion Ratio Lower Upper
96 100
61 129.4 106.2 159.4
98 62.8 49.8 74.8



#22
Diisopropyl ether
Concen: 103.844 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 45 Resp: 1706250
Ion Ratio Lower Upper
45 100
43 159.7 115.3 172.9
87 31.2 23.8 35.6
59 12.1 9.5 14.3

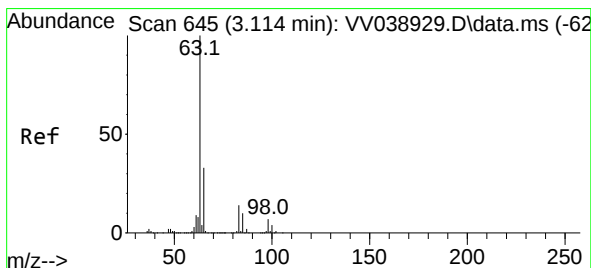
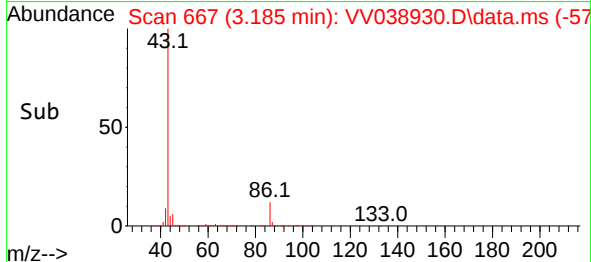
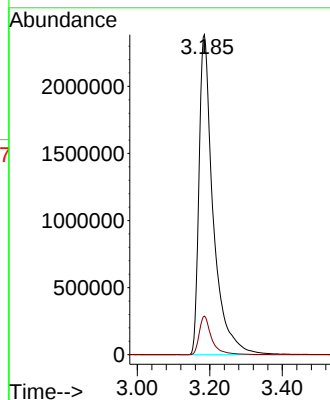
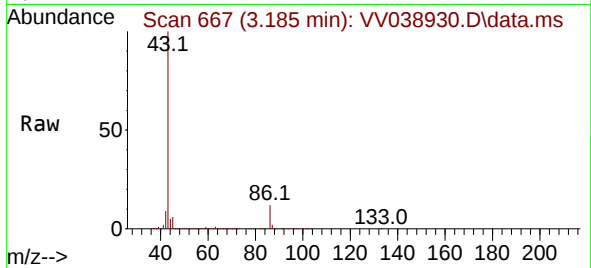




#23
 Vinyl Acetate
 Concen: 529.650 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. 0.000 min
 Lab File: VV038930.D
 Acq: 08 Aug 2025 11:56

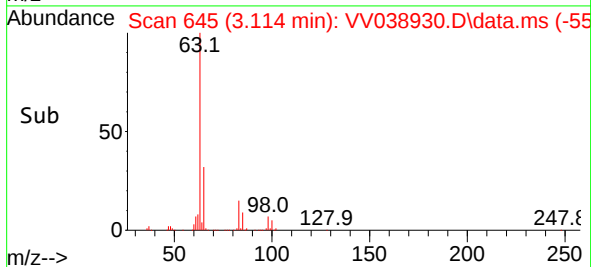
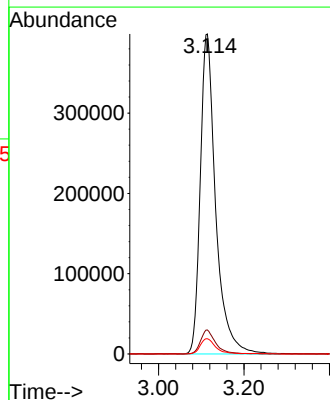
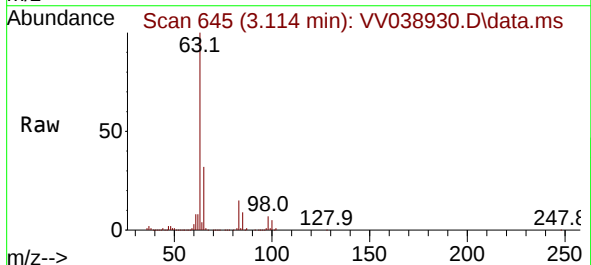
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

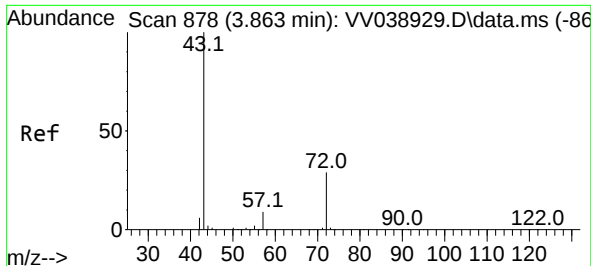
Tgt Ion: 43 Resp: 6464803
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 94.594 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. 0.000 min
 Lab File: VV038930.D
 Acq: 08 Aug 2025 11:56

Tgt Ion: 63 Resp: 996795
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 4.8 2.2 6.6





#25

2-Butanone

Concen: 551.192 ug/l

RT: 3.860 min Scan# 81

Delta R.T. -0.003 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

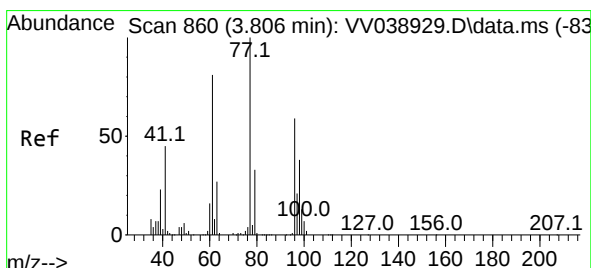
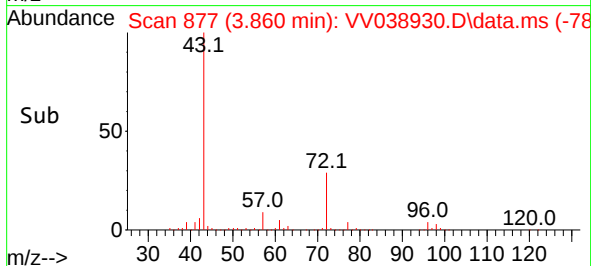
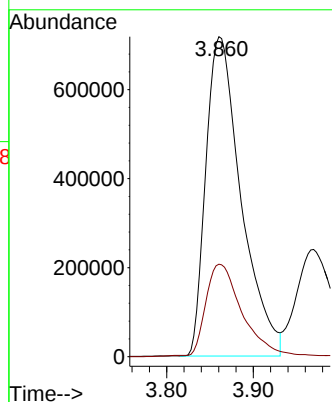
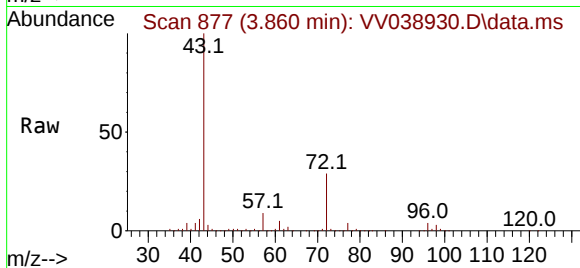
VSTDICC100

Tgt Ion: 43 Resp: 2031769

Ion Ratio Lower Upper

43 100

72 28.5 23.5 35.3



#26

2,2-Dichloropropane

Concen: 98.568 ug/l

RT: 3.806 min Scan# 860

Delta R.T. 0.000 min

Lab File: VV038930.D

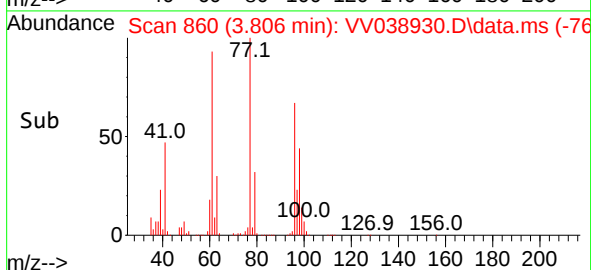
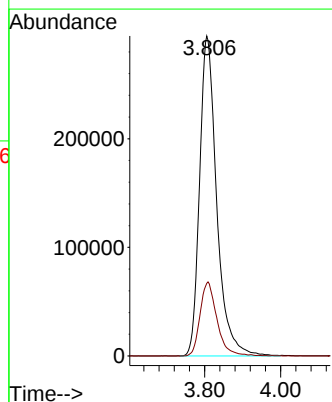
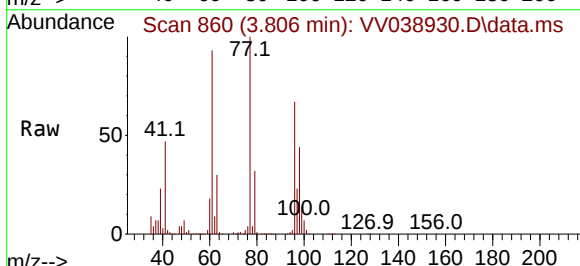
Acq: 08 Aug 2025 11:56

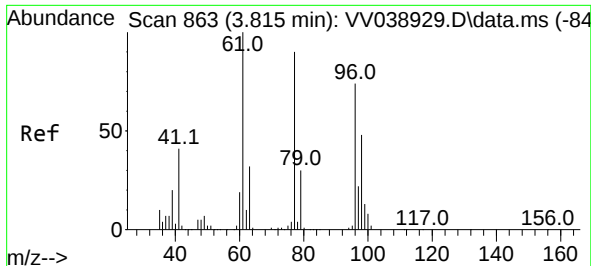
Tgt Ion: 77 Resp: 920351

Ion Ratio Lower Upper

77 100

97 22.7 11.1 33.3





#27

cis-1,2-Dichloroethene

Concen: 101.476 ug/l

RT: 3.812 min Scan# 863

Delta R.T. -0.003 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

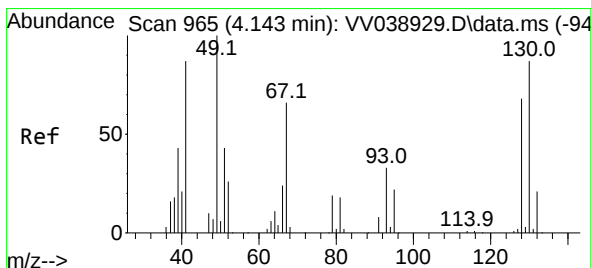
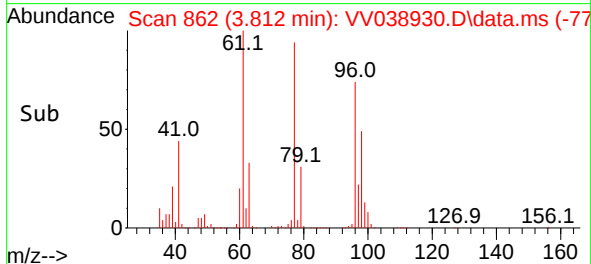
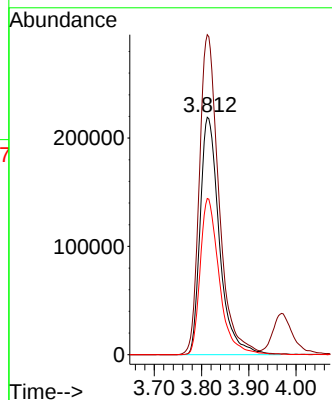
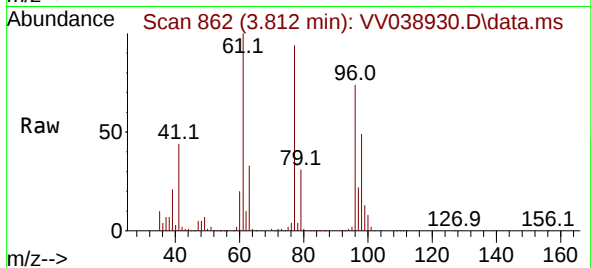
Tgt Ion: 96 Resp: 617431

Ion Ratio Lower Upper

96 100

61 137.6 0.0 270.4

98 65.5 0.0 128.0



#28

Bromochloromethane

Concen: 99.635 ug/l

RT: 4.140 min Scan# 964

Delta R.T. -0.003 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

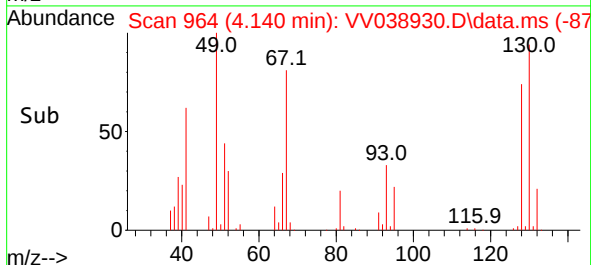
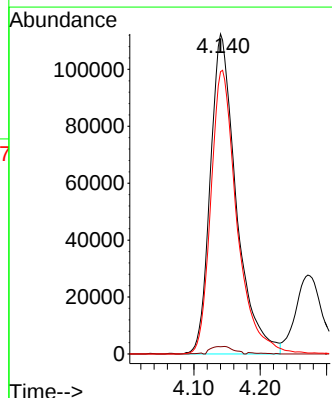
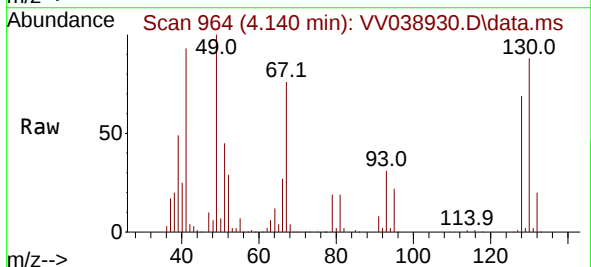
Tgt Ion: 49 Resp: 305913

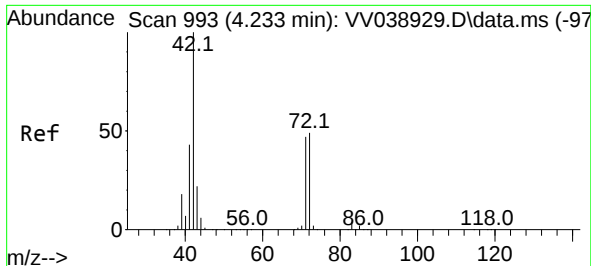
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.4

130 89.0 70.9 106.3





#29

Tetrahydrofuran

Concen: 522.024 ug/l

RT: 4.230 min Scan# 993

Delta R.T. -0.003 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

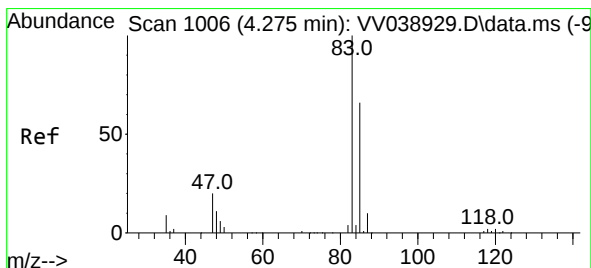
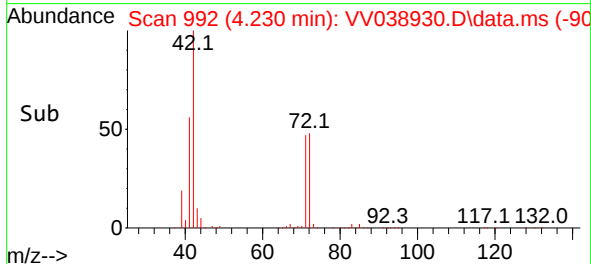
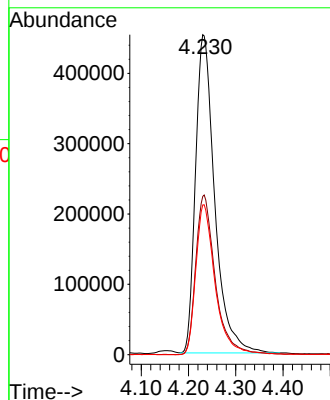
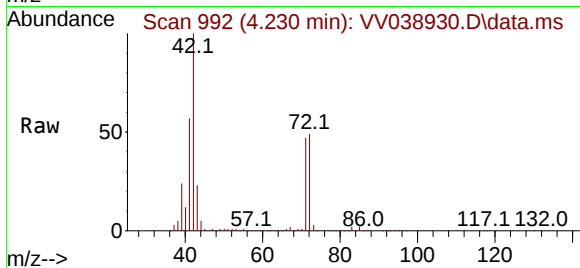
MSVOA_V

ClientSampleId :

VSTDIC100

Tgt Ion: 42 Resp: 1277483

Ion	Ratio	Lower	Upper
42	100		
72	51.0	39.9	59.9
71	47.5	37.4	56.0



#30

Chloroform

Concen: 94.602 ug/l

RT: 4.275 min Scan# 1006

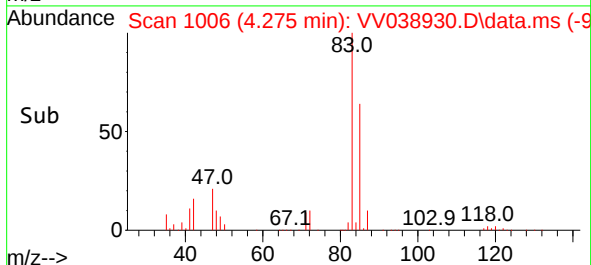
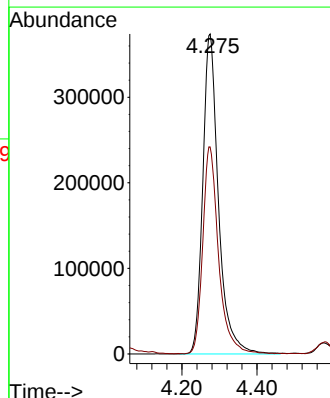
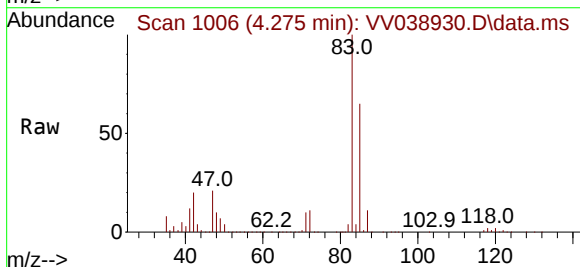
Delta R.T. 0.000 min

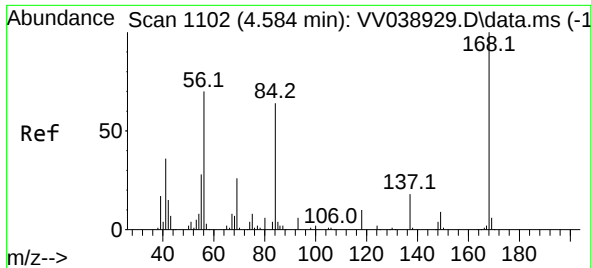
Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Tgt Ion: 83 Resp: 1084708

Ion	Ratio	Lower	Upper
83	100		
85	64.6	53.0	79.6

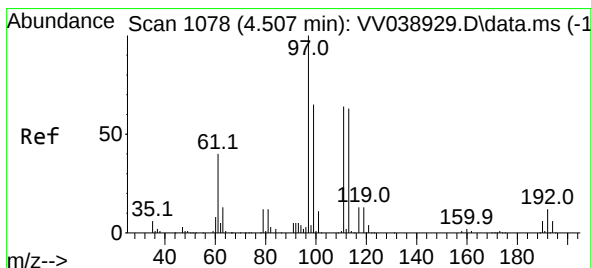
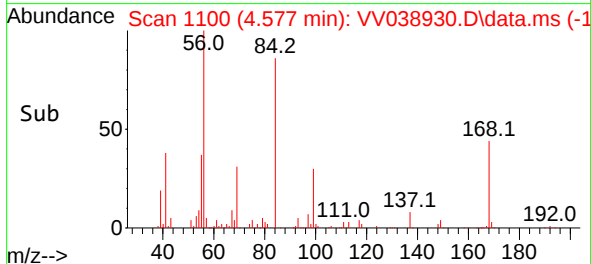
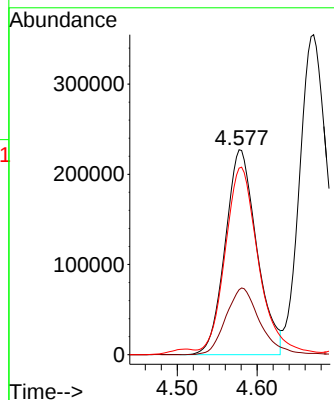
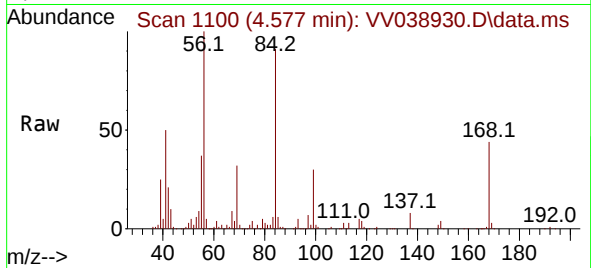




#31
Cyclohexane
Concen: 96.177 ug/l
RT: 4.577 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

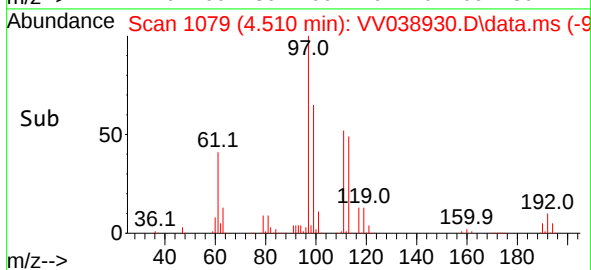
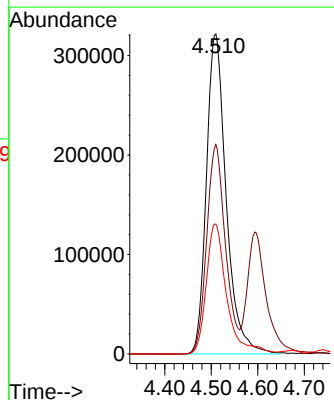
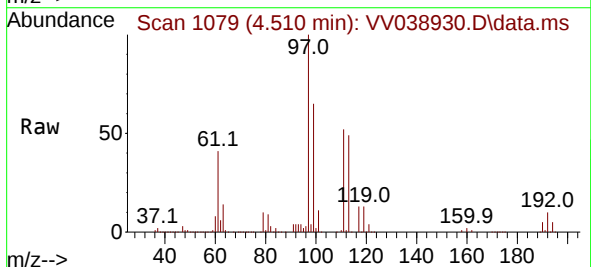
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

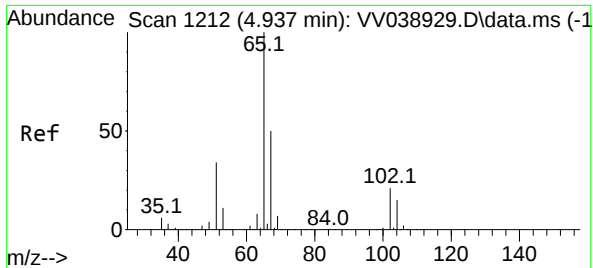
Tgt Ion: 56 Resp: 624269
Ion Ratio Lower Upper
56 100
69 31.7 30.2 45.2
84 88.5 73.6 110.4



#32
1,1,1-Trichloroethane
Concen: 96.440 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. 0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 97 Resp: 951047
Ion Ratio Lower Upper
97 100
99 62.0 49.8 74.6
61 42.0 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 90.190 ug/l

RT: 4.934 min Scan# 1211

Delta R.T. -0.003 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

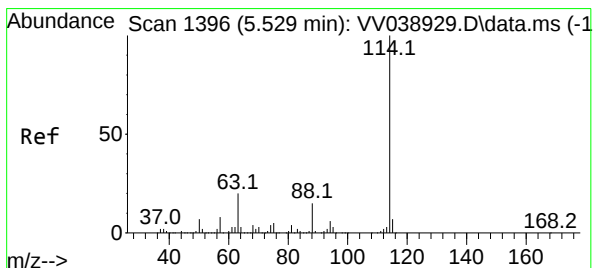
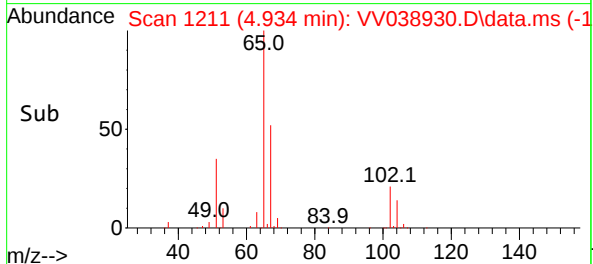
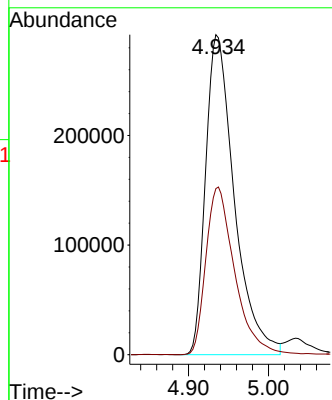
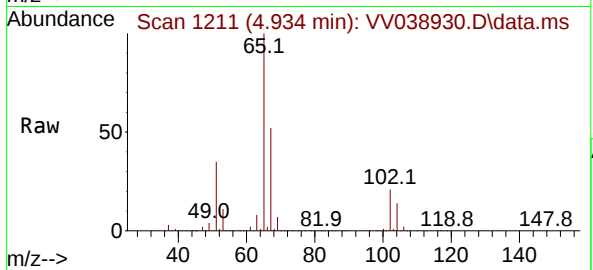
VSTDIC100

Tgt Ion: 65 Resp: 728697

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

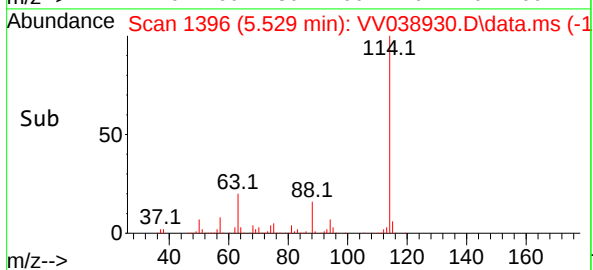
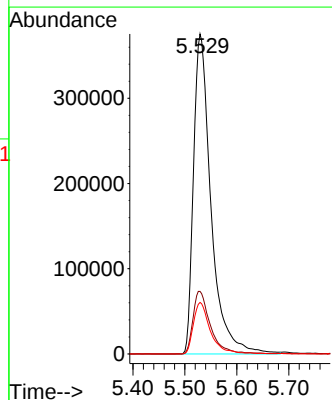
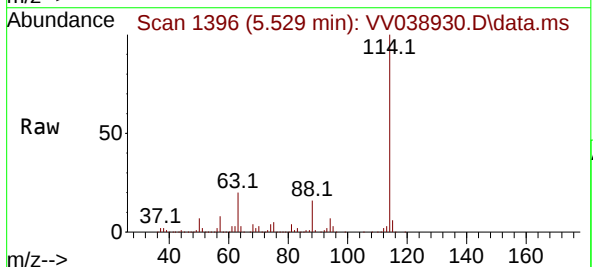
Tgt Ion: 114 Resp: 880492

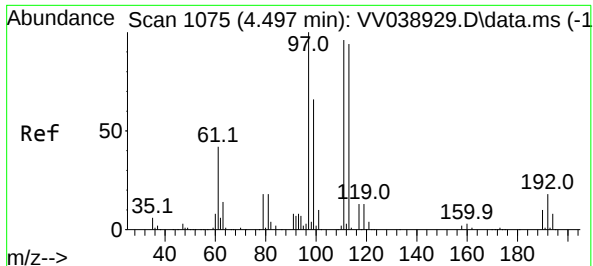
Ion Ratio Lower Upper

114 100

63 19.5 0.0 40.0

88 16.1 0.0 30.0





#35

Dibromofluoromethane

Concen: 91.992 ug/l

RT: 4.494 min Scan# 1100

Delta R.T. -0.003 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

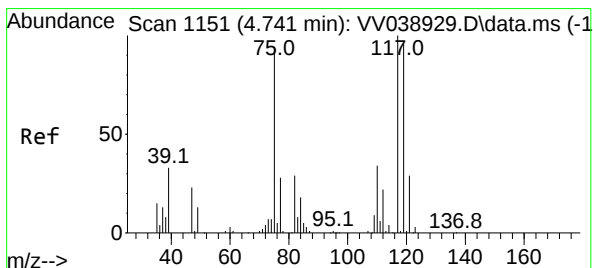
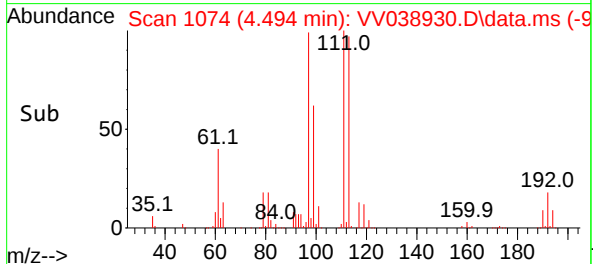
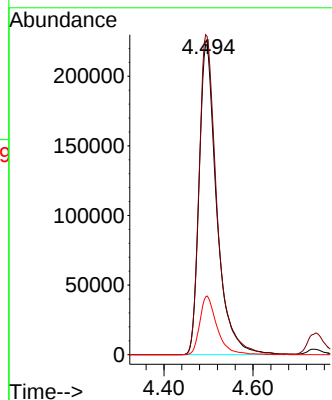
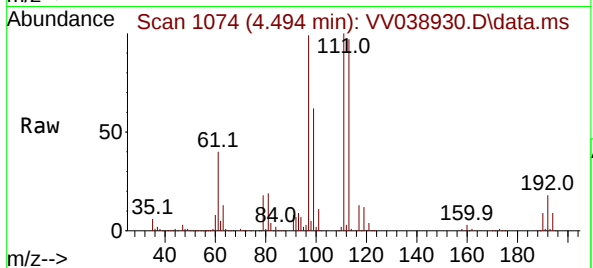
Tgt Ion:113 Resp: 614488

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 18.3 14.9 22.3



#36

1,1-Dichloropropene

Concen: 105.739 ug/l

RT: 4.738 min Scan# 1150

Delta R.T. -0.003 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

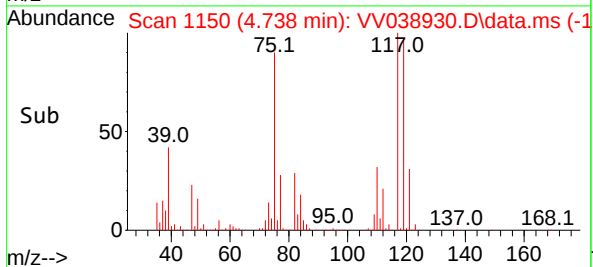
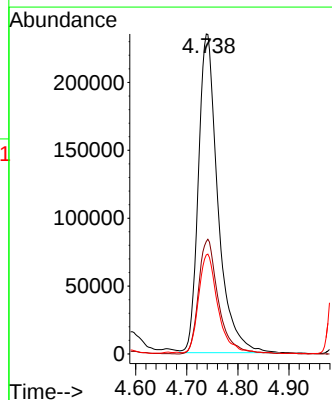
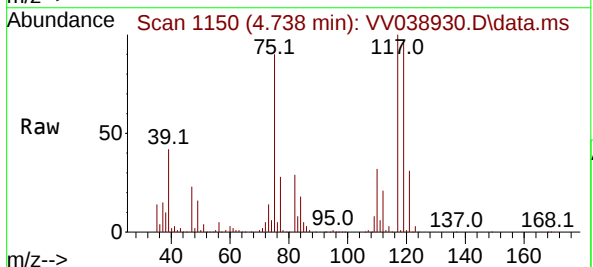
Tgt Ion: 75 Resp: 622890

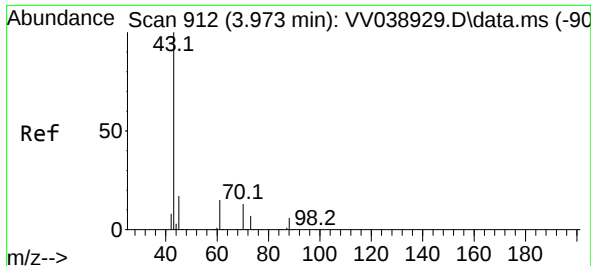
Ion Ratio Lower Upper

75 100

110 36.8 19.5 58.5

77 30.3 25.0 37.6

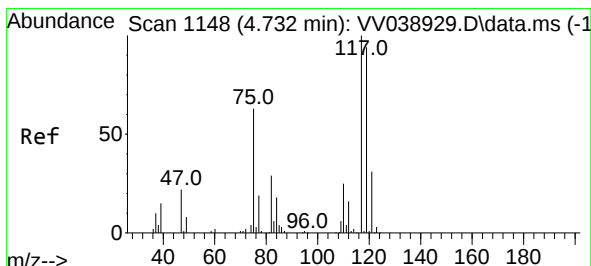
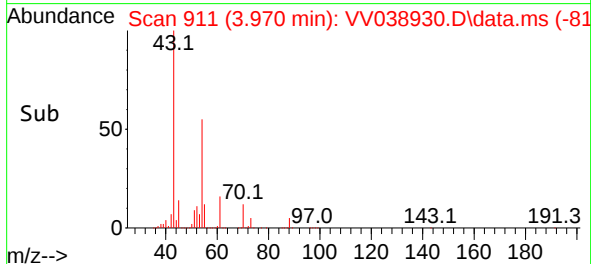
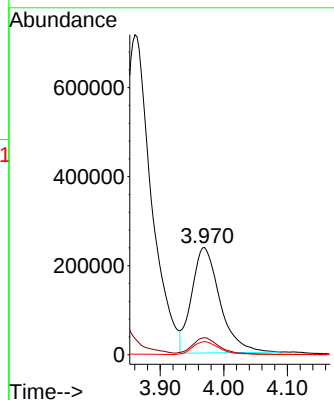
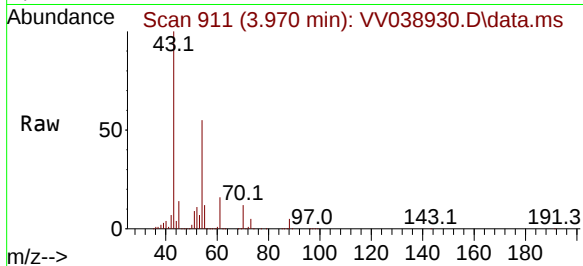




#37
Ethyl Acetate
Concen: 94.509 ug/l
RT: 3.970 min Scan# 911
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

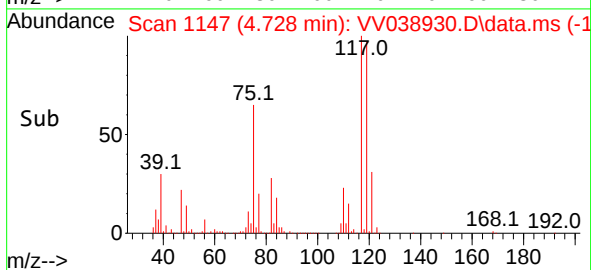
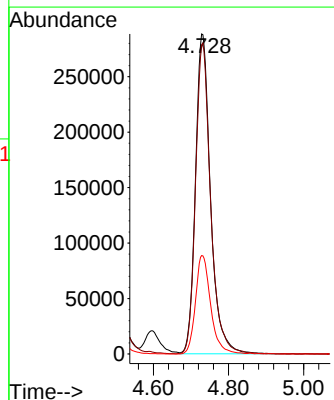
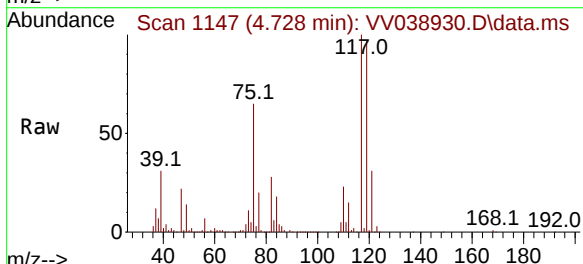
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

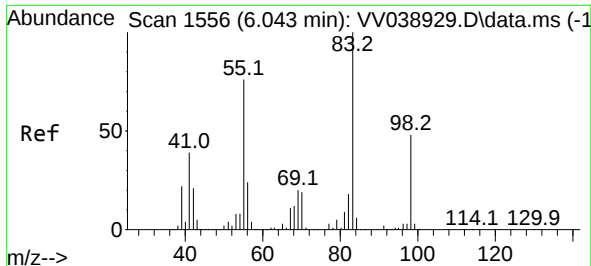
Tgt Ion: 43 Resp: 731194
Ion Ratio Lower Upper
43 100
61 15.2 12.0 18.0
70 11.3 8.6 13.0



#38
Carbon Tetrachloride
Concen: 102.415 ug/l
RT: 4.728 min Scan# 1147
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 117 Resp: 805268
Ion Ratio Lower Upper
117 100
119 96.6 74.9 112.3
121 30.8 24.6 36.8





#39

Methylcyclohexane

Concen: 115.165 ug/l

RT: 6.043 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

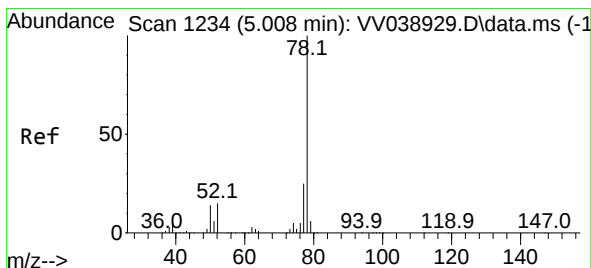
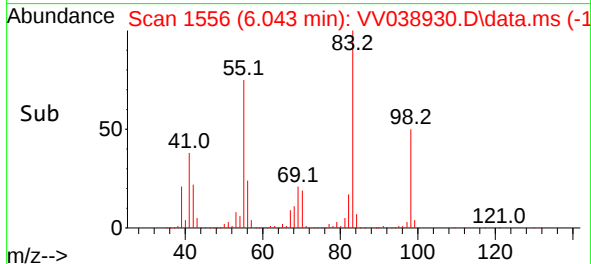
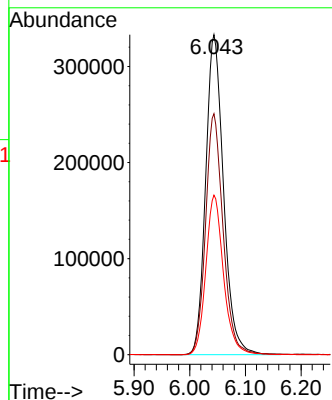
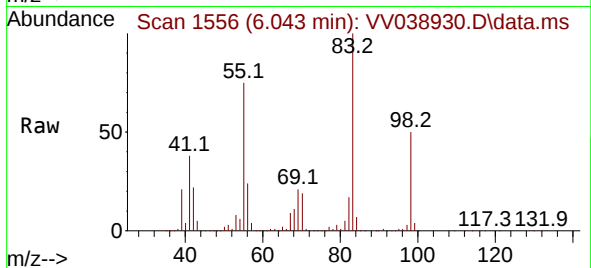
Tgt Ion: 83 Resp: 742332

Ion Ratio Lower Upper

83 100

55 75.3 60.8 91.2

98 49.8 38.6 57.8



#40

Benzene

Concen: 104.560 ug/l

RT: 5.005 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VV038930.D

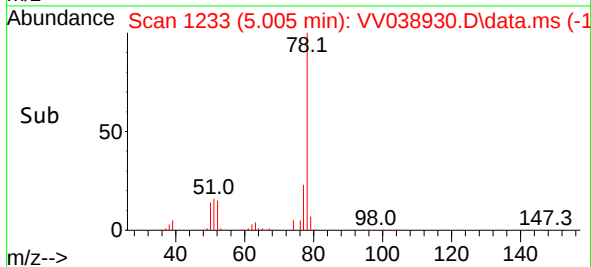
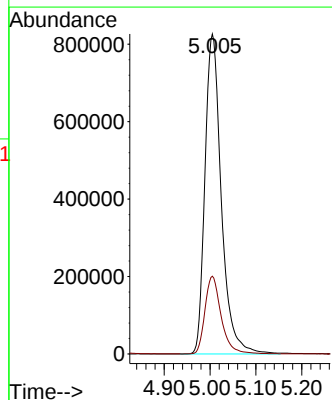
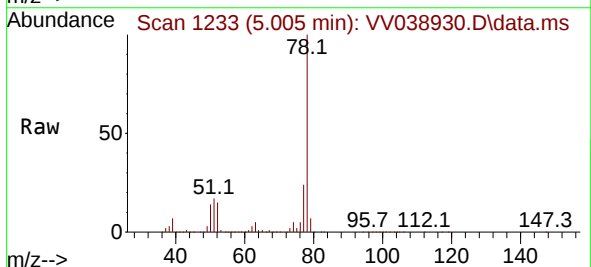
Acq: 08 Aug 2025 11:56

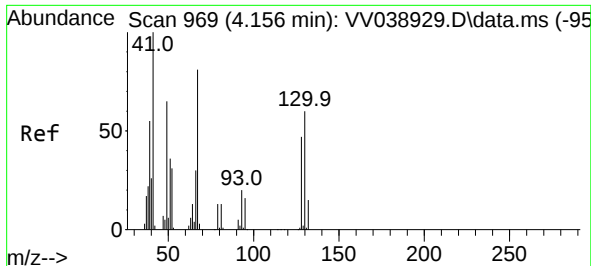
Tgt Ion: 78 Resp: 2049119

Ion Ratio Lower Upper

78 100

77 24.3 19.6 29.4

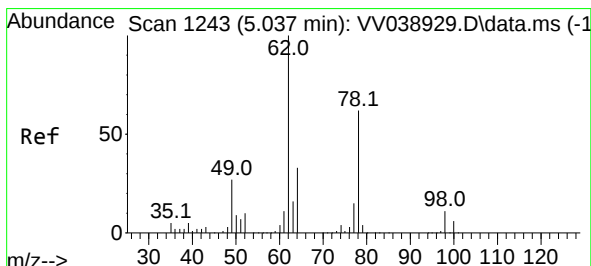
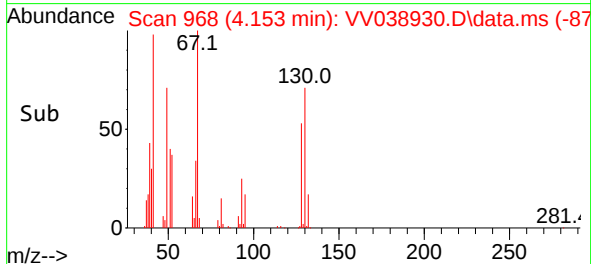
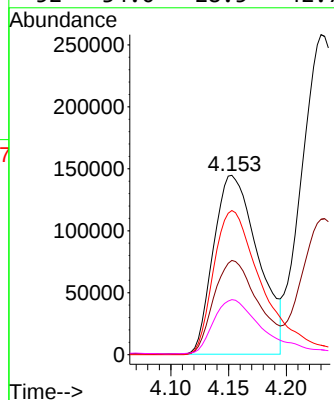
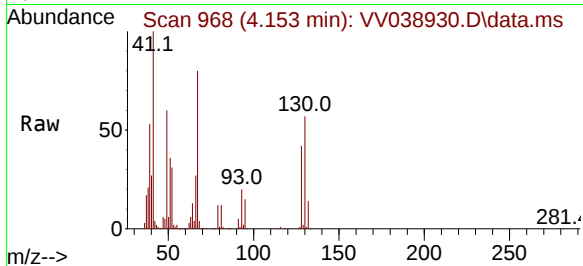




#41
Methacrylonitrile
Concen: 122.181 ug/l
RT: 4.153 min Scan# 968
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

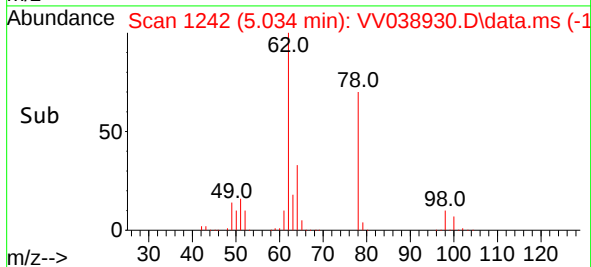
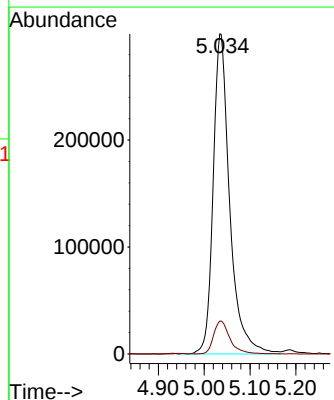
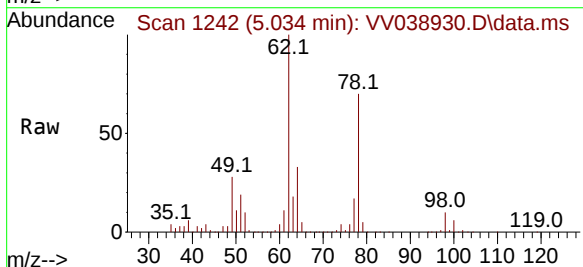
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

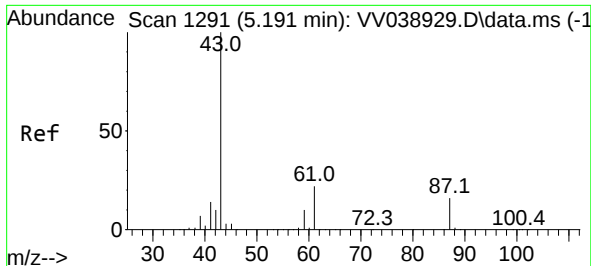
Tgt Ion:	41	Resp:	387984
Ion	Ratio	Lower	Upper
41	100		
39	52.3	41.8	62.6
67	90.8	72.6	109.0
52	34.0	28.5	42.7



#42
1,2-Dichloroethane
Concen: 98.634 ug/l
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion:	62	Resp:	751020
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	19.6



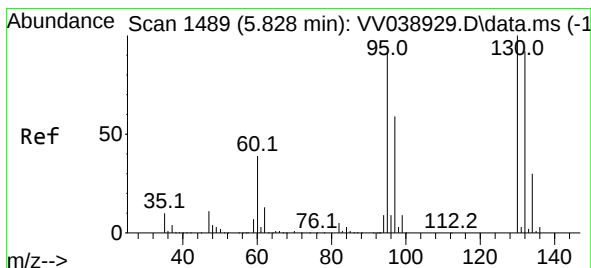
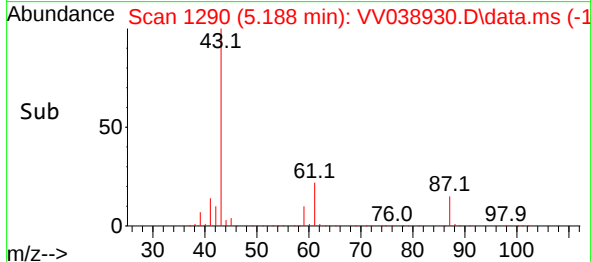
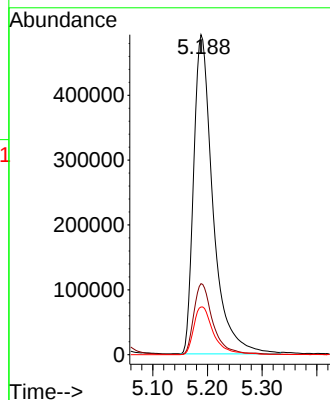
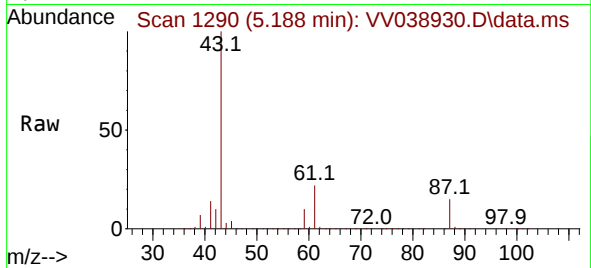


#43
Isopropyl Acetate
Concen: 110.440 ug/l
RT: 5.188 min Scan# 1290
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 1206477

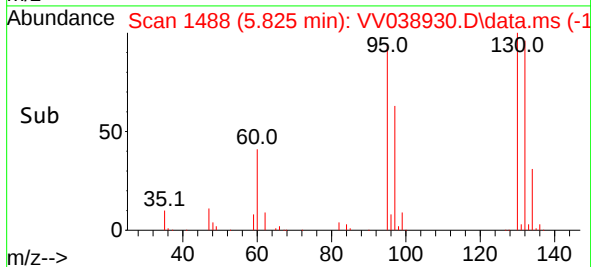
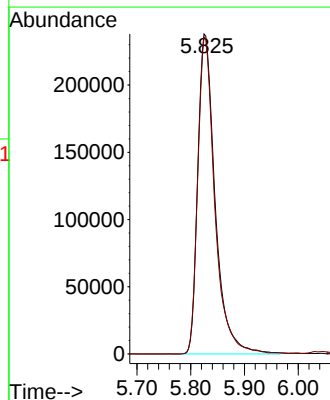
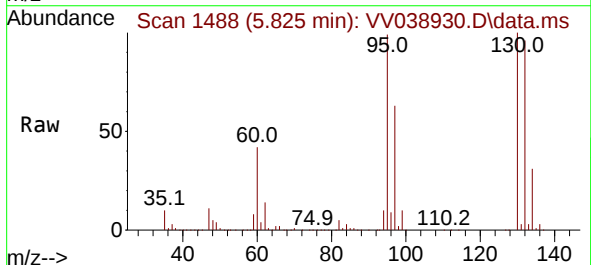
Ion	Ratio	Lower	Upper
43	100		
61	21.8	17.0	25.6
87	15.4	12.2	18.4

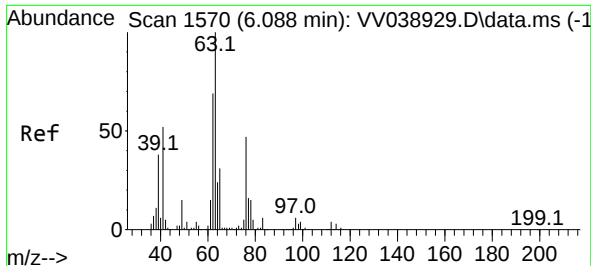


#44
Trichloroethene
Concen: 103.663 ug/l
RT: 5.825 min Scan# 1488
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion:130 Resp: 534569

Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	181.2





#45

1,2-Dichloropropane

Concen: 103.810 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

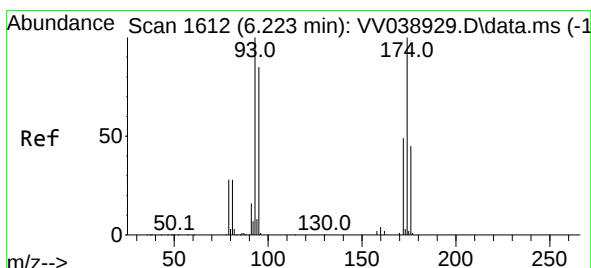
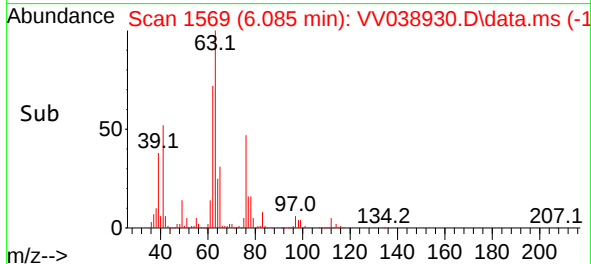
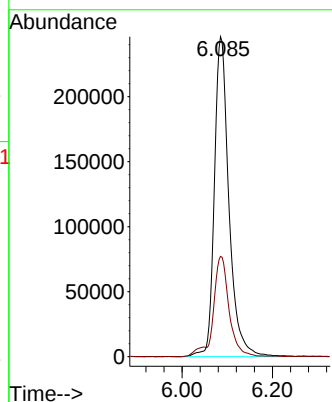
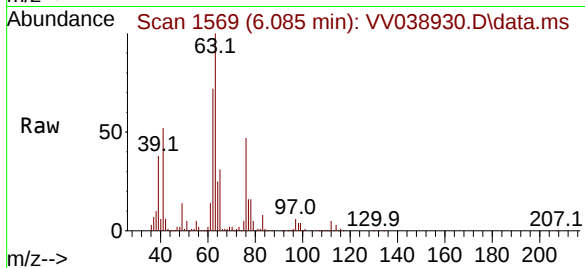
VSTDIC100

Tgt Ion: 63 Resp: 550144

Ion Ratio Lower Upper

63 100

65 31.4 25.0 37.6



#46

Dibromomethane

Concen: 103.221 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. -0.003 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

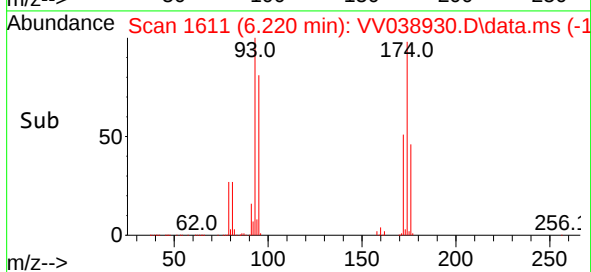
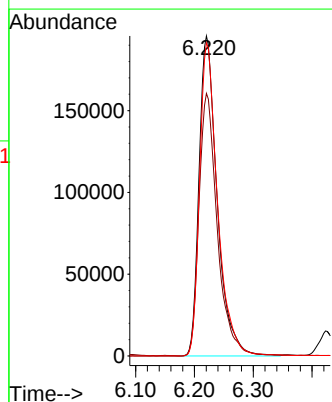
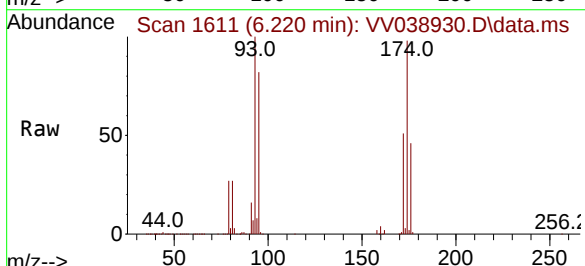
Tgt Ion: 93 Resp: 418182

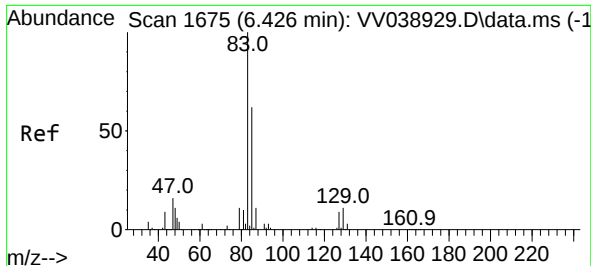
Ion Ratio Lower Upper

93 100

95 83.0 67.8 101.6

174 97.2 77.4 116.0

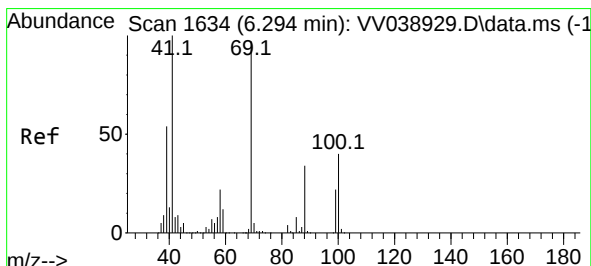
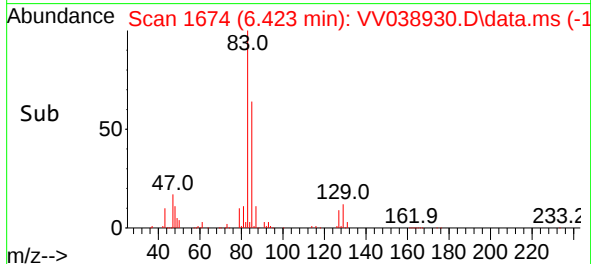
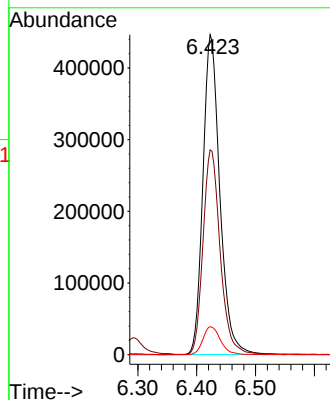
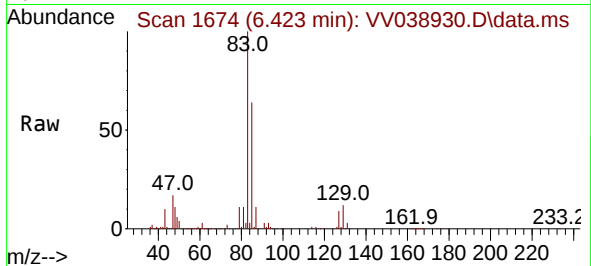




#47
Bromodichloromethane
Concen: 99.197 ug/l
RT: 6.423 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

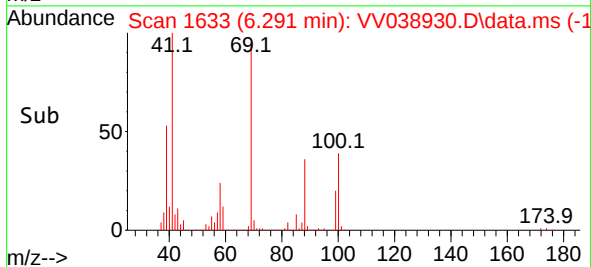
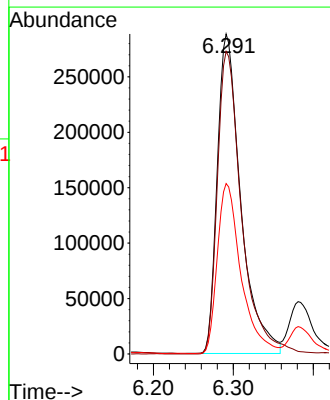
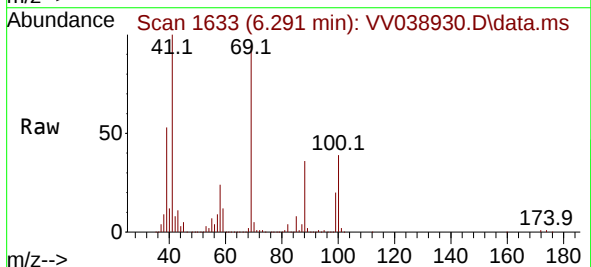
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

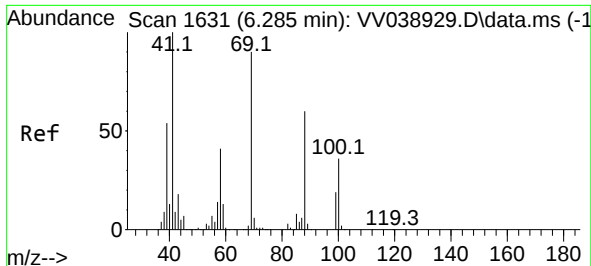
Tgt Ion: 83 Resp: 892850
Ion Ratio Lower Upper
83 100
85 63.9 49.8 74.6
127 8.7 7.1 10.7



#48
Methyl methacrylate
Concen: 126.090 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 41 Resp: 587617
Ion Ratio Lower Upper
41 100
69 97.4 78.4 117.6
39 53.8 43.3 64.9





#49

1,4-Dioxane

Concen: 2239.186 ug/l

RT: 6.285 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

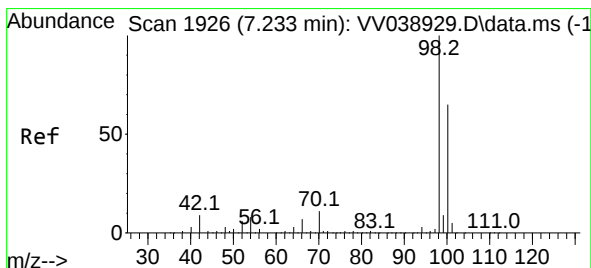
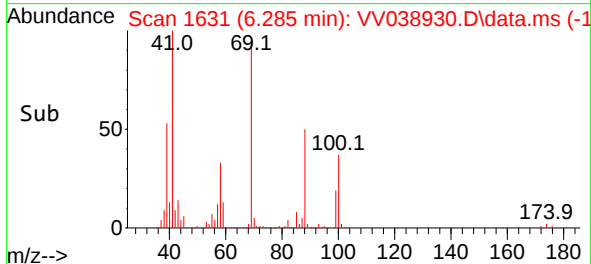
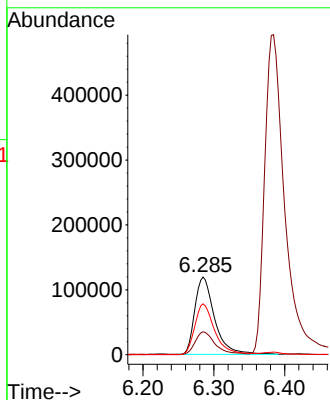
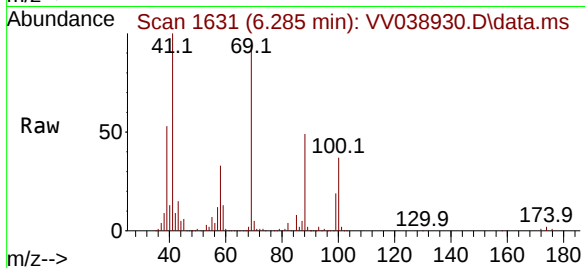
Tgt Ion: 88 Resp: 231427

Ion Ratio Lower Upper

88 100

43 29.3 24.2 36.2

58 66.2 55.4 83.2



#50

Toluene-d8

Concen: 96.404 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. 0.000 min

Lab File: VV038930.D

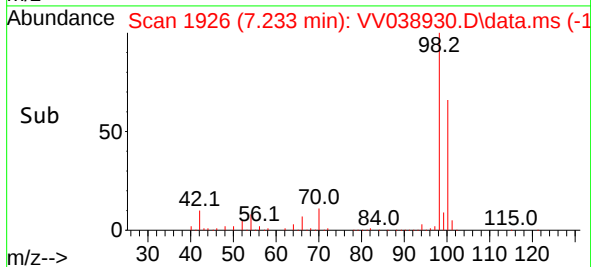
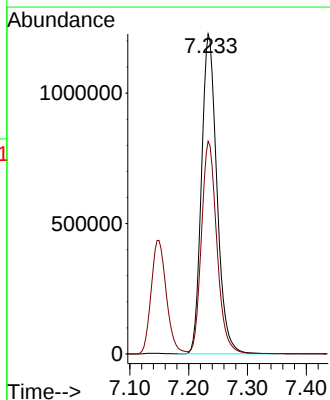
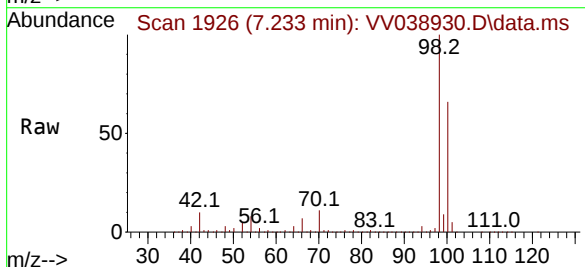
Acq: 08 Aug 2025 11:56

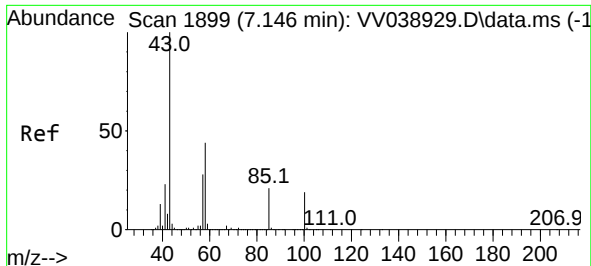
Tgt Ion: 98 Resp: 2230237

Ion Ratio Lower Upper

98 100

100 66.8 52.6 78.8

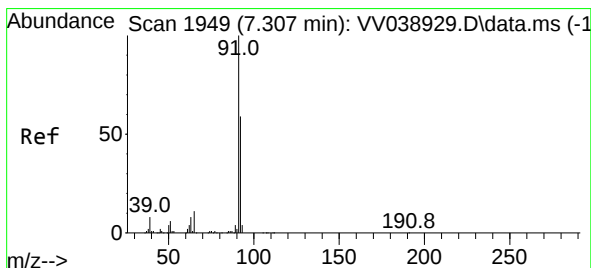
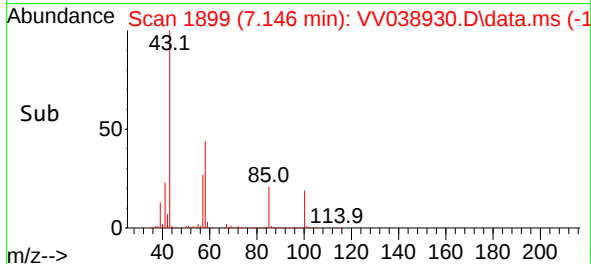
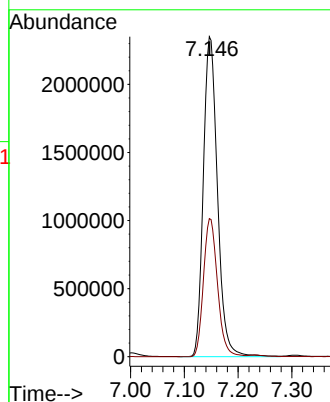
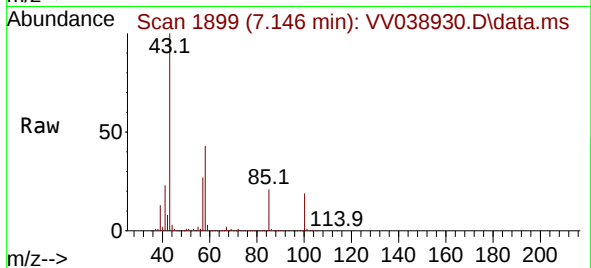




#51
4-Methyl-2-Pentanone
Concen: 566.274 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

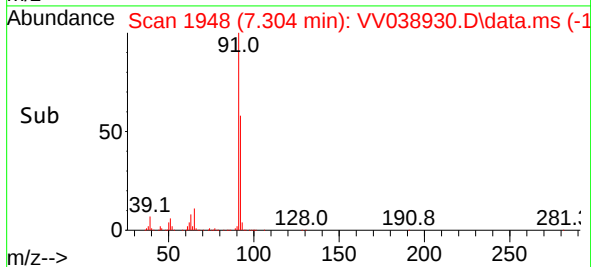
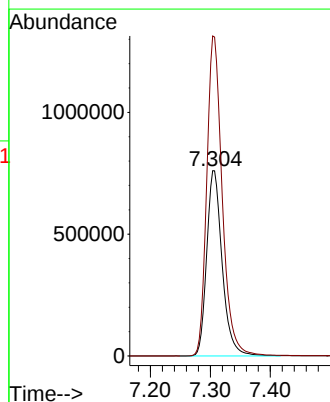
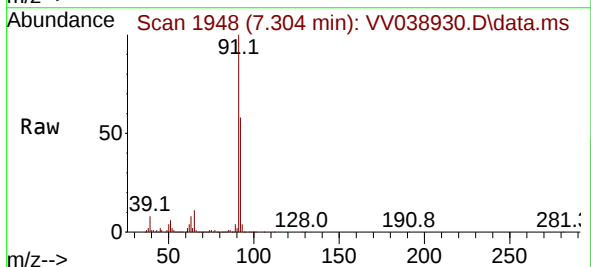
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

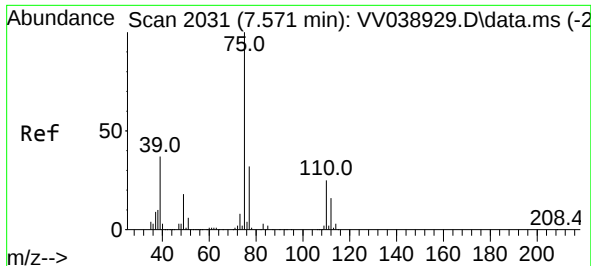
Tgt Ion: 43 Resp: 4287956
Ion Ratio Lower Upper
43 100
58 42.9 34.2 51.2



#52
Toluene
Concen: 110.235 ug/l
RT: 7.304 min Scan# 1948
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 92 Resp: 1363920
Ion Ratio Lower Upper
92 100
91 173.1 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 114.291 ug/l

RT: 7.571 min Scan# 2031

Delta R.T. 0.000 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

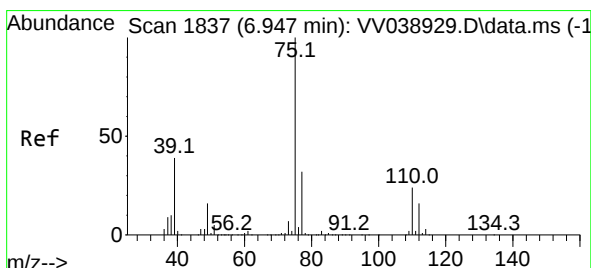
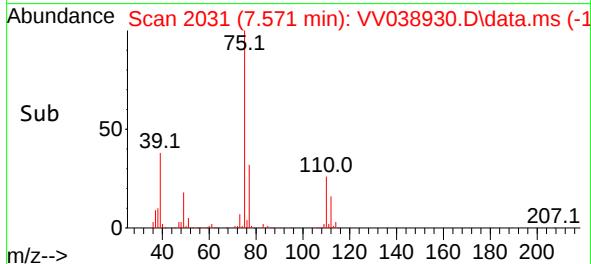
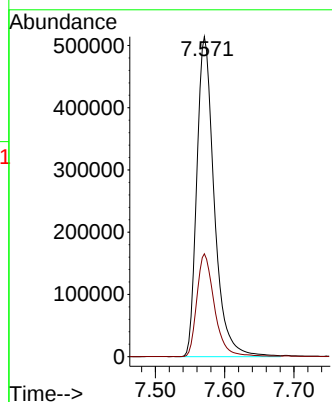
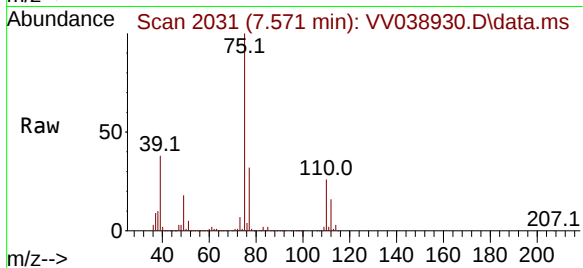
VSTDIC100

Tgt Ion: 75 Resp: 899951

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 108.967 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

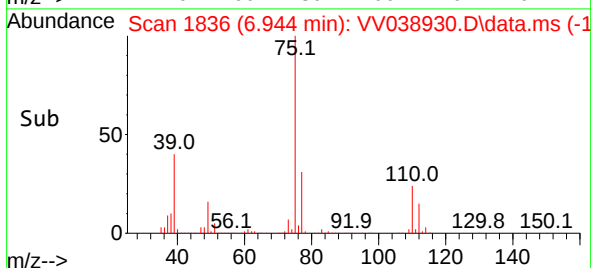
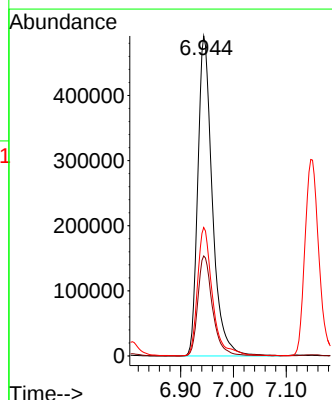
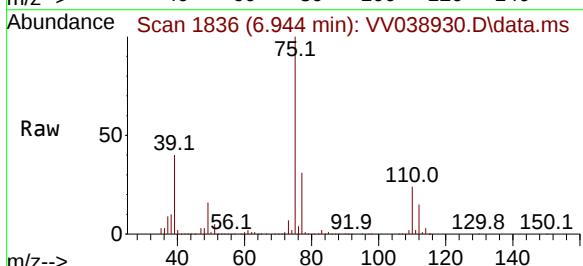
Tgt Ion: 75 Resp: 936742

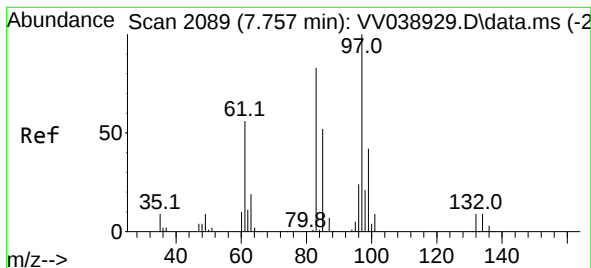
Ion Ratio Lower Upper

75 100

77 31.2 25.2 37.8

39 40.1 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 100.806 ug/l

RT: 7.757 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

Tgt Ion: 97 Resp: 610357

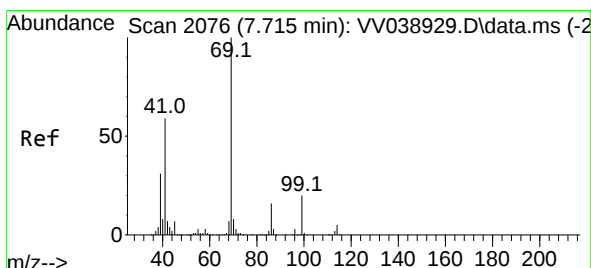
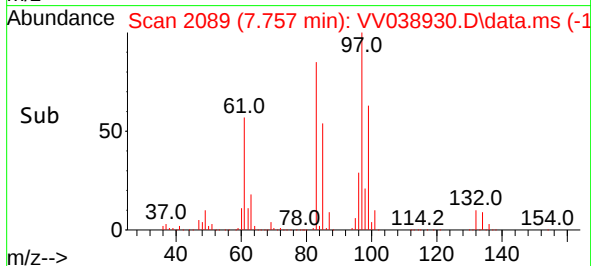
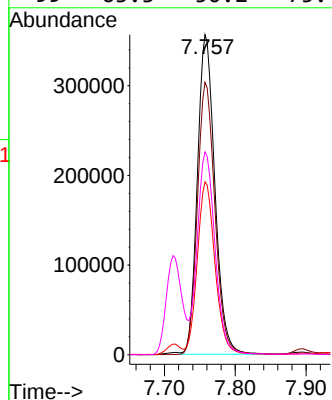
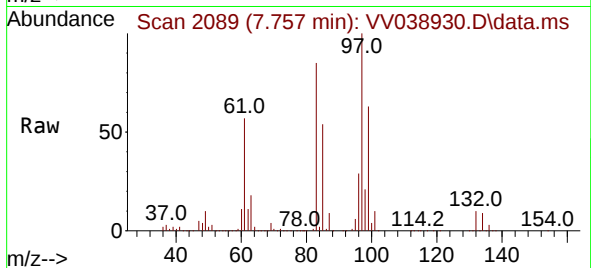
Ion Ratio Lower Upper

97 100

83 85.1 66.2 99.4

85 53.9 42.9 64.3

99 63.3 50.2 75.4



#56

Ethyl methacrylate

Concen: 99.914 ug/l

RT: 7.712 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

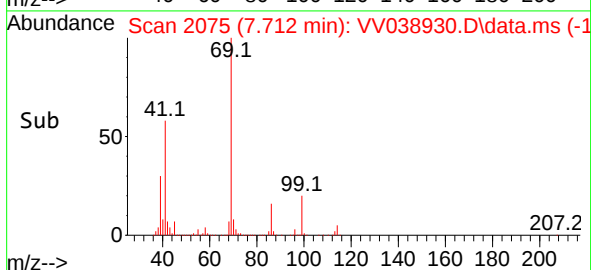
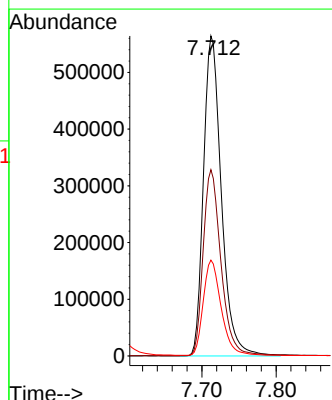
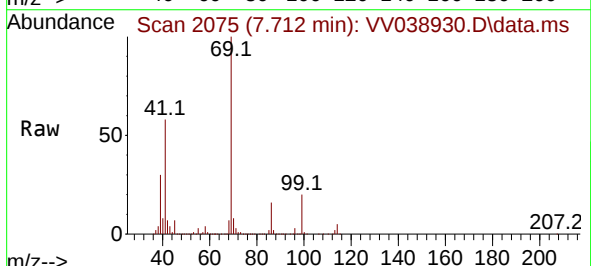
Tgt Ion: 69 Resp: 942628

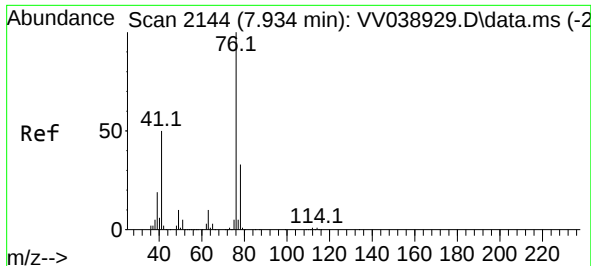
Ion Ratio Lower Upper

69 100

41 57.8 45.8 68.8

39 30.1 23.4 35.0





#57

1,3-Dichloropropane

Concen: 106.253 ug/l

RT: 7.931 min Scan# 2144

Delta R.T. -0.003 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

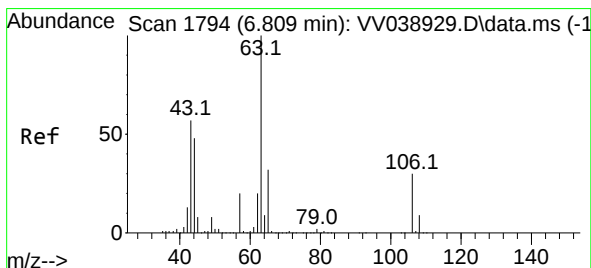
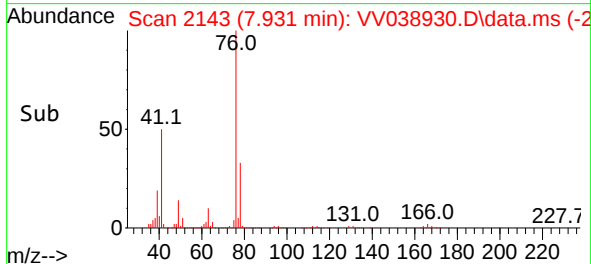
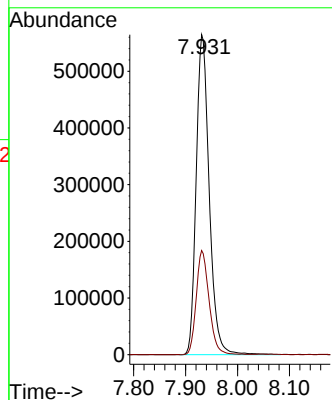
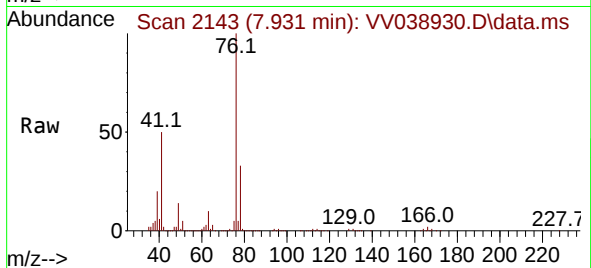
VSTDICC100

Tgt Ion: 76 Resp: 984071

Ion Ratio Lower Upper

76 100

78 32.0 25.9 38.9



#58

2-Chloroethyl Vinyl ether

Concen: 575.275 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VV038930.D

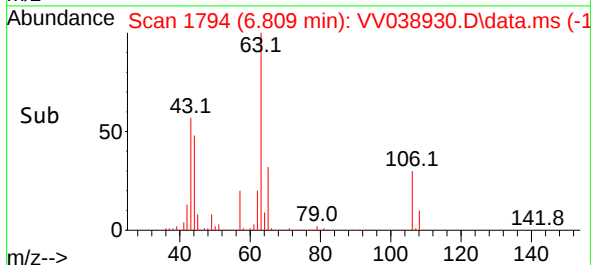
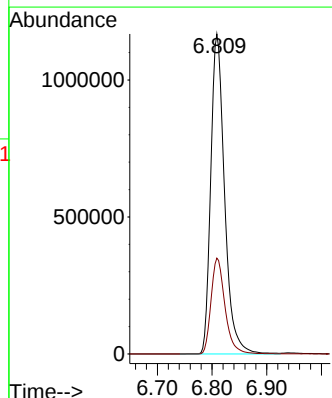
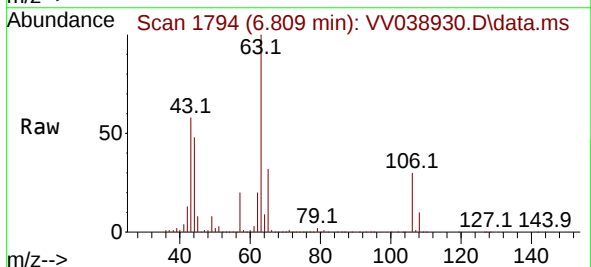
Acq: 08 Aug 2025 11:56

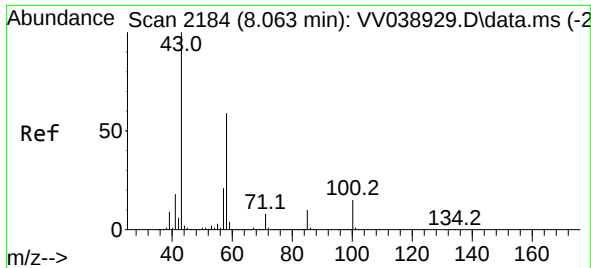
Tgt Ion: 63 Resp: 2043788

Ion Ratio Lower Upper

63 100

106 30.3 24.1 36.1

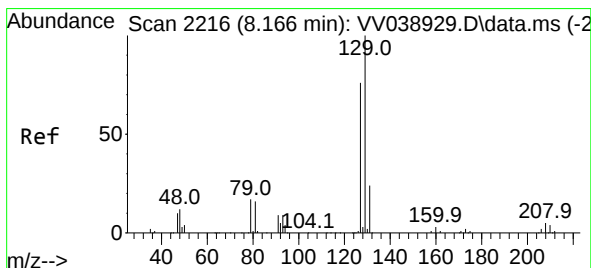
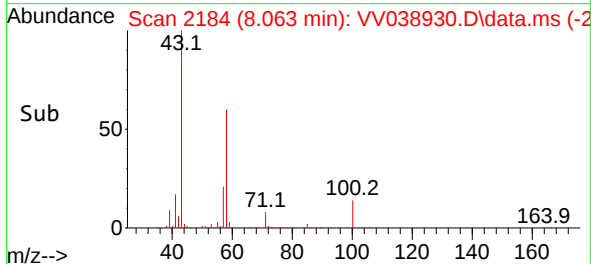
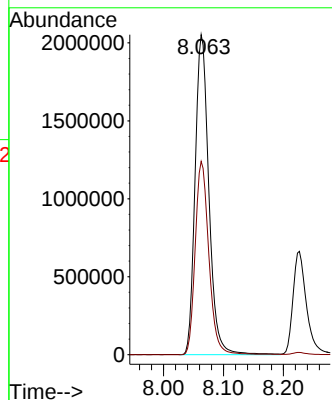
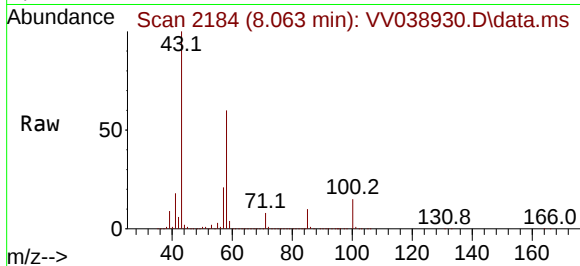




#59
2-Hexanone
Concen: 599.511 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

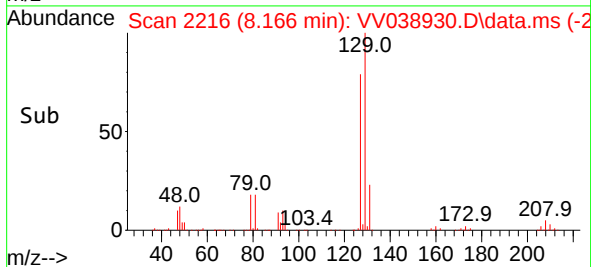
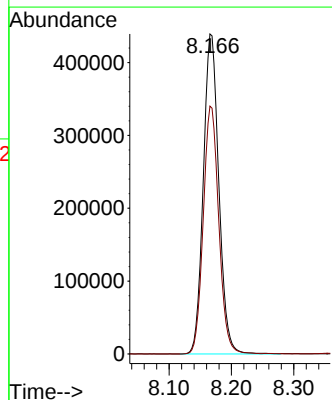
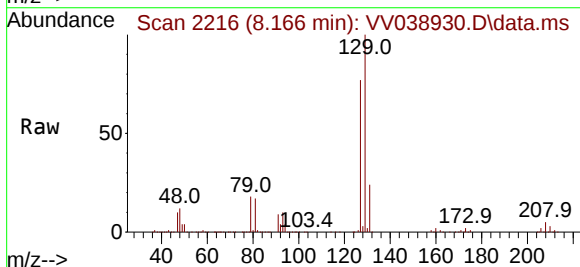
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

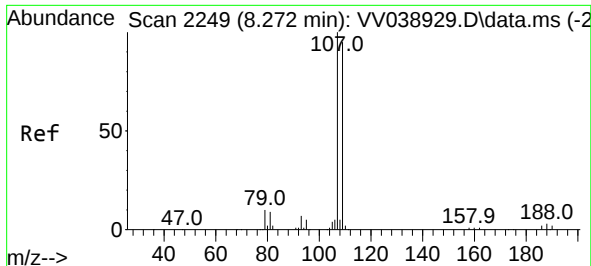
Tgt Ion: 43 Resp: 3276785
Ion Ratio Lower Upper
43 100
58 60.0 29.3 87.8



#60
Dibromochloromethane
Concen: 102.520 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 129 Resp: 760100
Ion Ratio Lower Upper
129 100
127 77.5 38.2 114.6

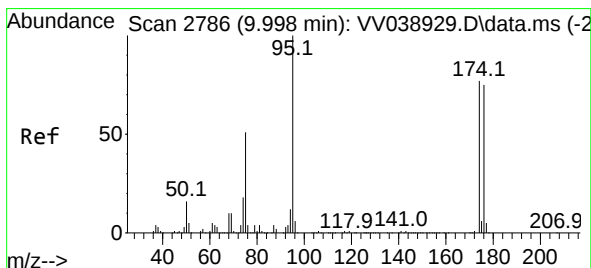
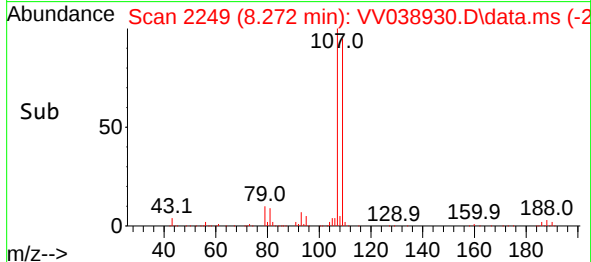
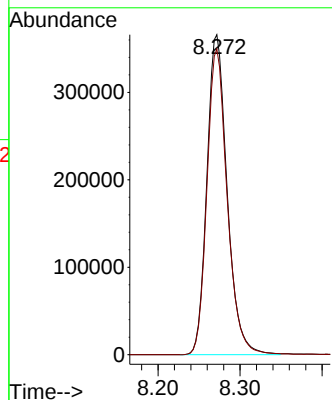
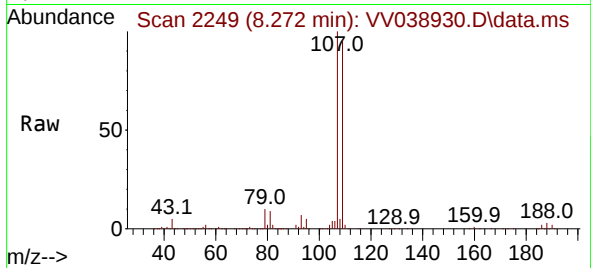




#61
1,2-Dibromoethane
Concen: 104.736 ug/l
RT: 8.272 min Scan# 211
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

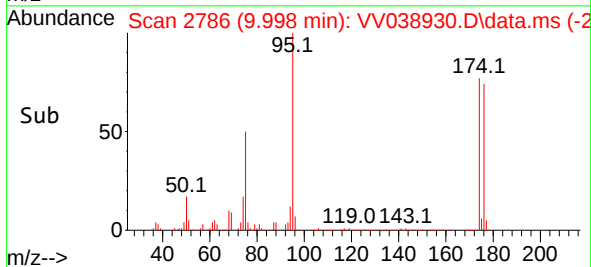
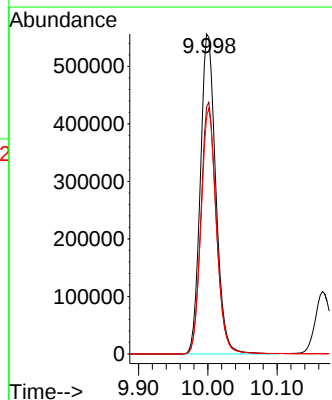
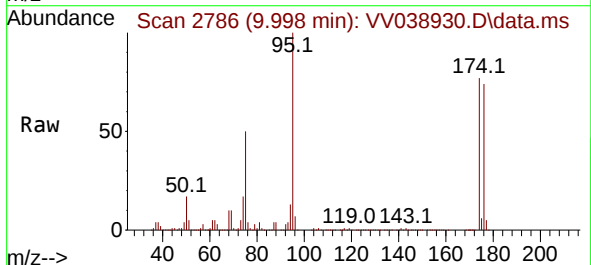
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

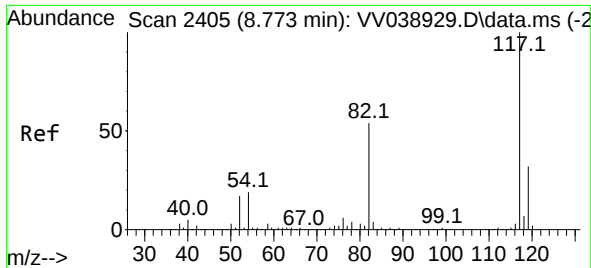
Tgt Ion:107 Resp: 629520
Ion Ratio Lower Upper
107 100
109 95.6 76.2 114.2



#62
4-Bromofluorobenzene
Concen: 103.486 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 95 Resp: 862217
Ion Ratio Lower Upper
95 100
174 78.1 0.0 156.6
176 76.0 0.0 153.0

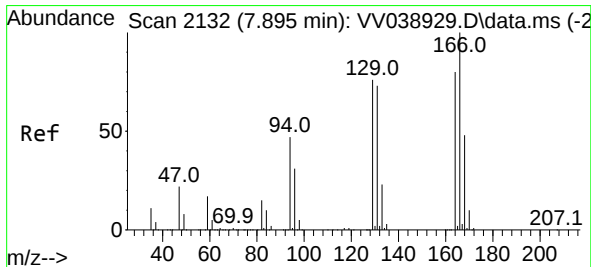
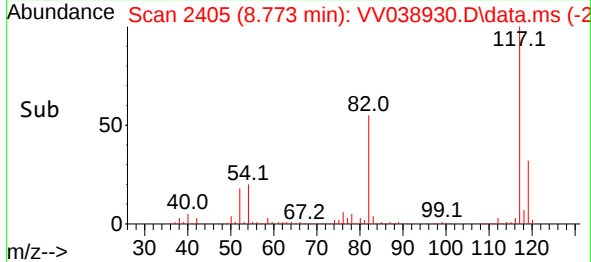
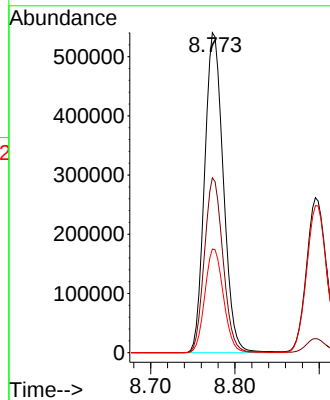
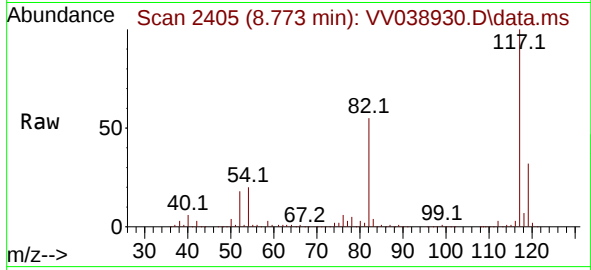




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

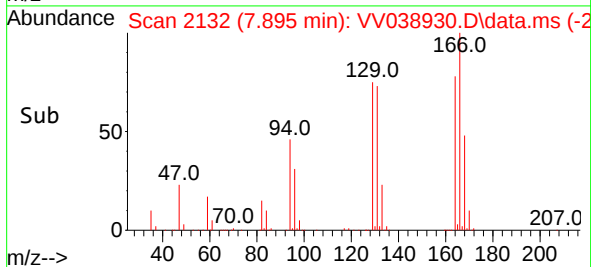
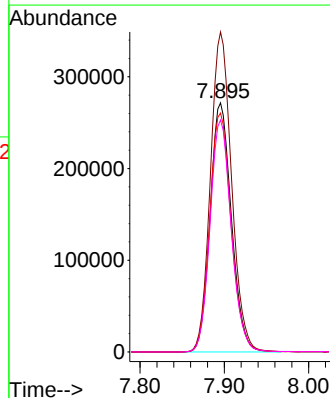
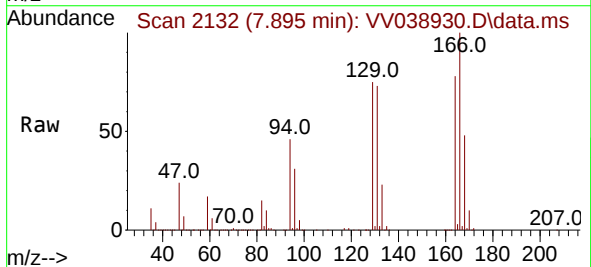
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

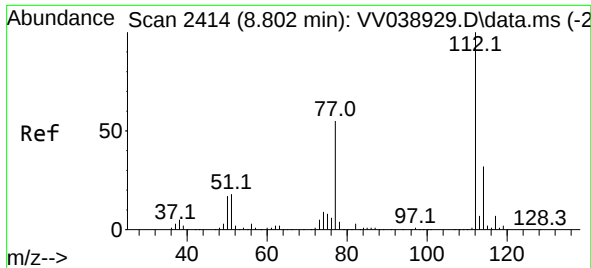
Tgt Ion:117 Resp: 838919
Ion Ratio Lower Upper
117 100
82 54.7 43.2 64.8
119 32.4 25.6 38.4



#64
Tetrachloroethene
Concen: 96.865 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion:164 Resp: 476927
Ion Ratio Lower Upper
164 100
166 128.4 100.2 150.4
129 95.9 76.7 115.1
131 93.1 72.7 109.1

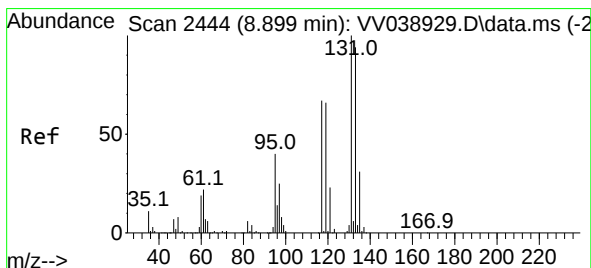
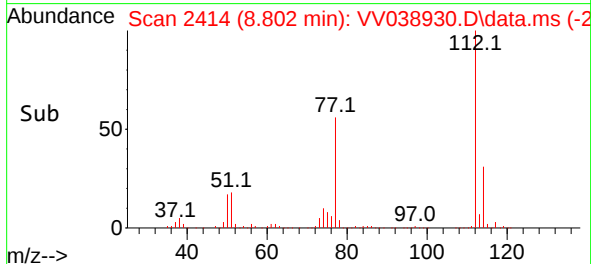
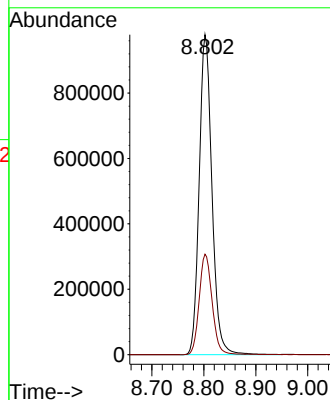
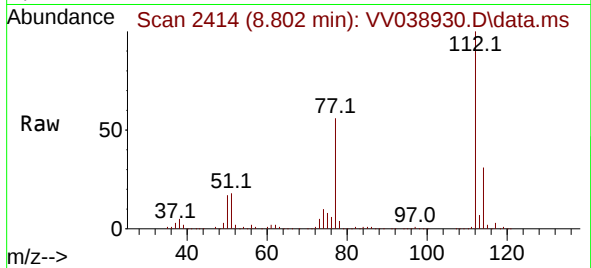




#65
Chlorobenzene
Concen: 101.658 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

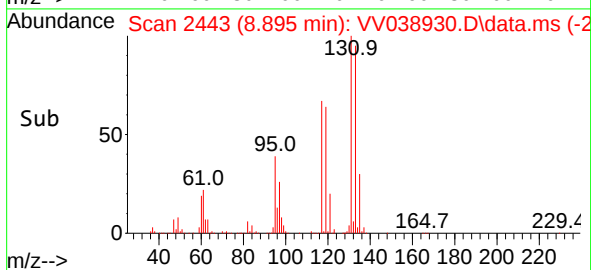
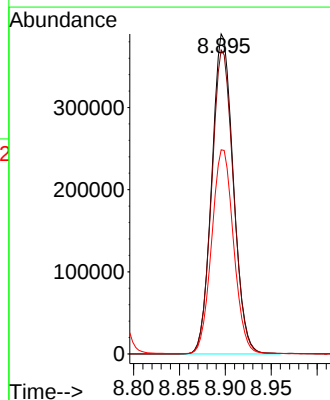
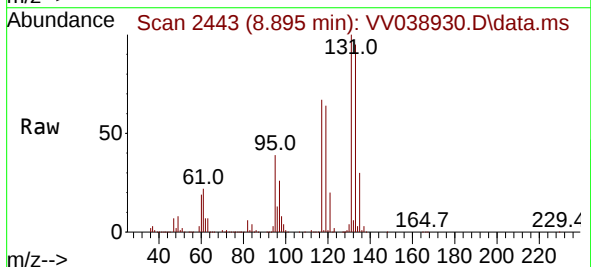
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

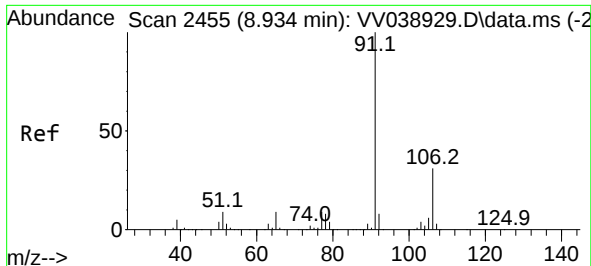
Tgt Ion:112 Resp: 1667144
Ion Ratio Lower Upper
112 100
114 31.4 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 98.452 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion:131 Resp: 635051
Ion Ratio Lower Upper
131 100
133 96.1 47.5 142.5
119 65.0 32.8 98.3





#67

Ethyl Benzene

Concen: 116.414 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. 0.000 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

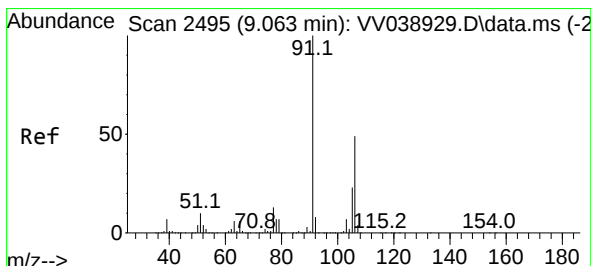
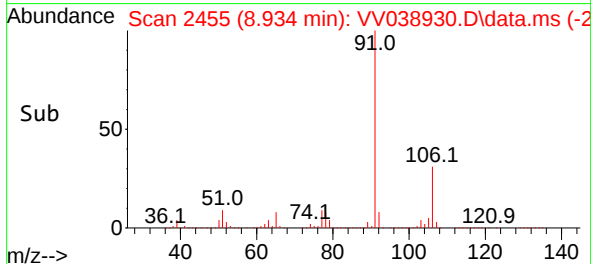
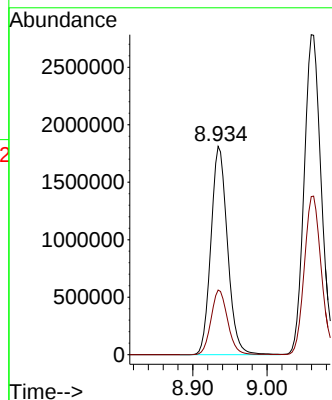
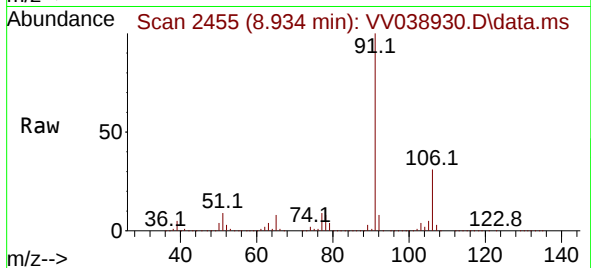
VSTDICC100

Tgt Ion: 91 Resp: 2804102

Ion Ratio Lower Upper

91 100

106 31.0 25.0 37.6



#68

m/p-Xylenes

Concen: 237.793 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038930.D

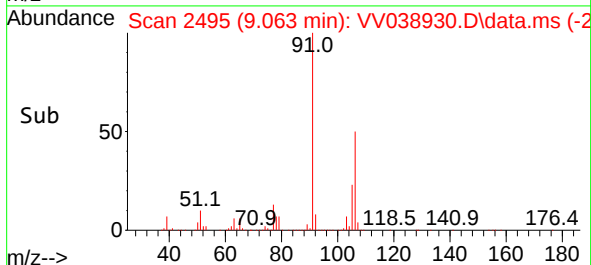
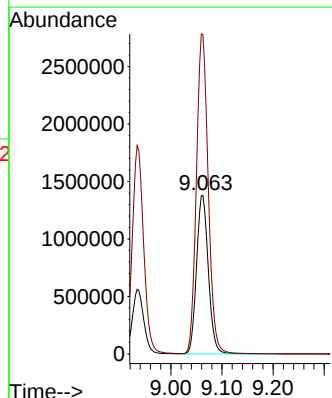
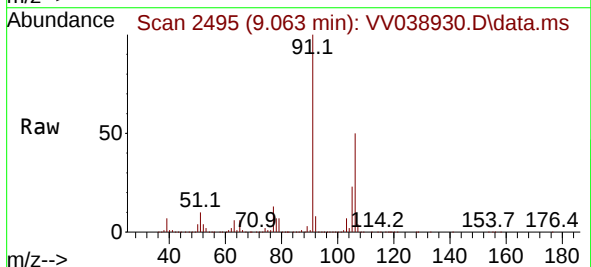
Acq: 08 Aug 2025 11:56

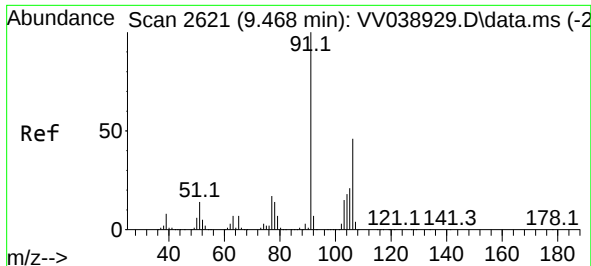
Tgt Ion:106 Resp: 2207474

Ion Ratio Lower Upper

106 100

91 202.5 163.4 245.2

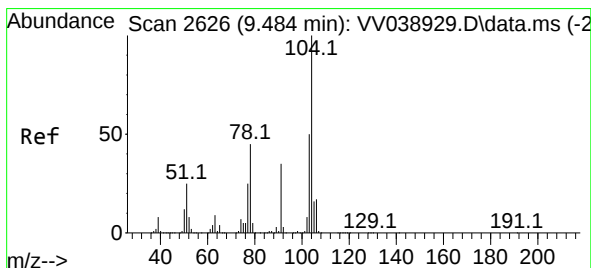
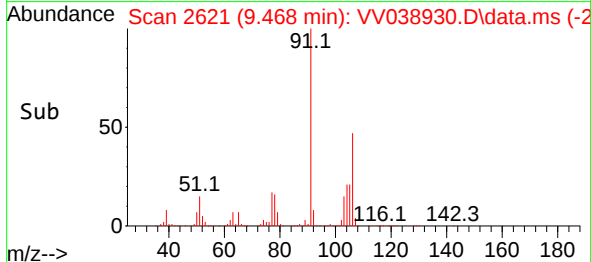
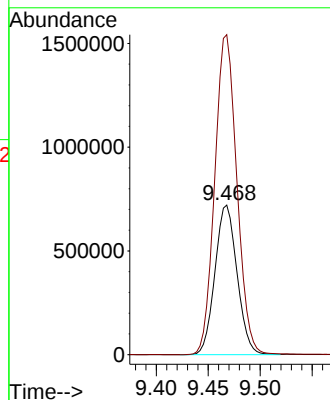
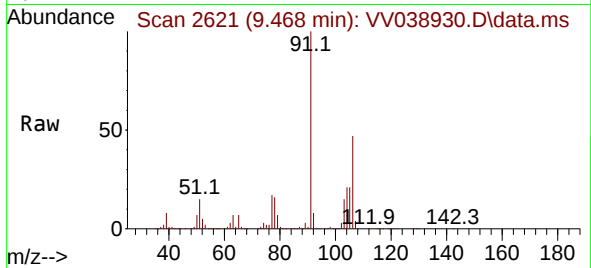




#69
o-Xylene
Concen: 122.291 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

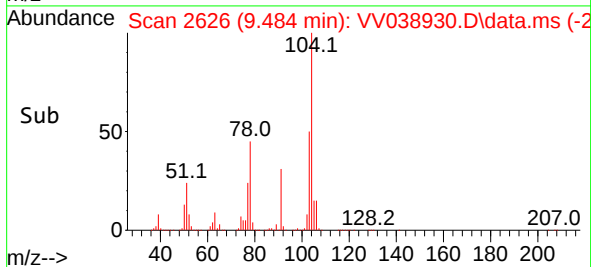
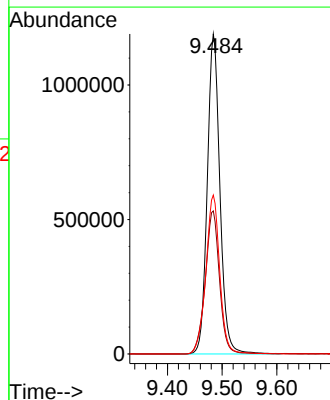
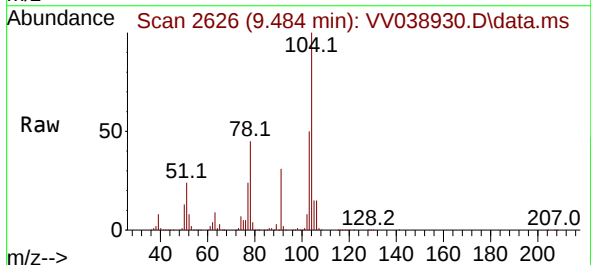
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

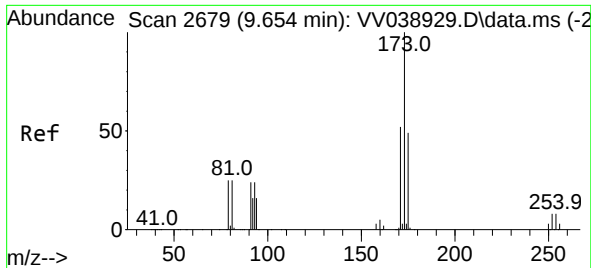
Tgt Ion:106 Resp: 1067521
Ion Ratio Lower Upper
106 100
91 214.4 109.1 327.3



#70
Styrene
Concen: 121.481 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion:104 Resp: 1909231
Ion Ratio Lower Upper
104 100
78 50.2 39.8 59.6
103 54.7 43.8 65.6

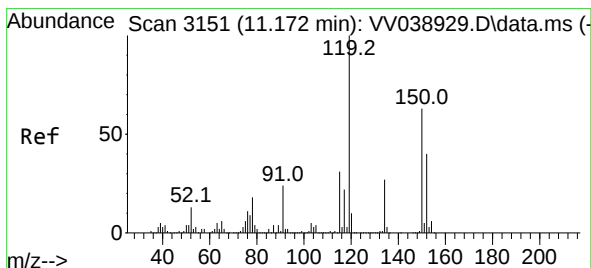
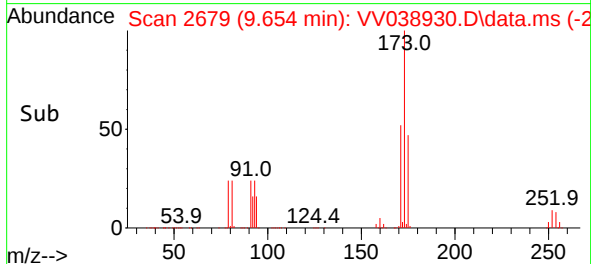
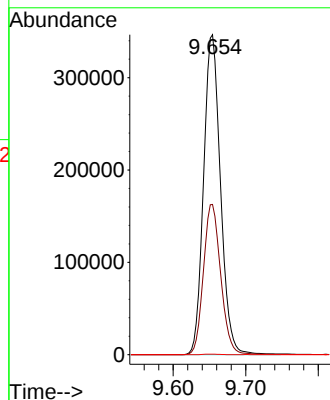
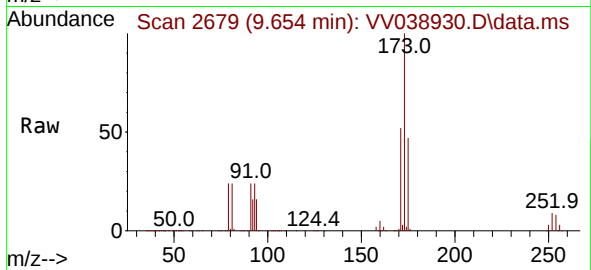




#71
Bromoform
Concen: 103.770 ug/l
RT: 9.654 min Scan# 2679
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

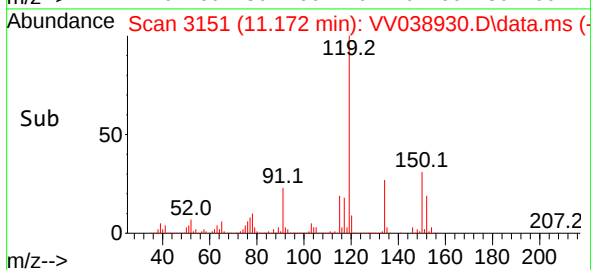
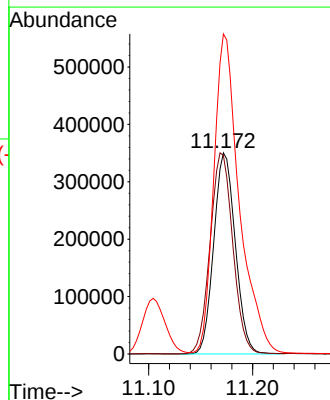
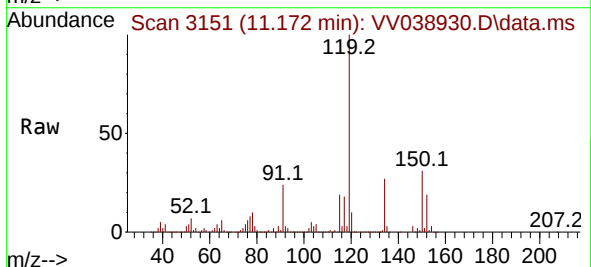
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

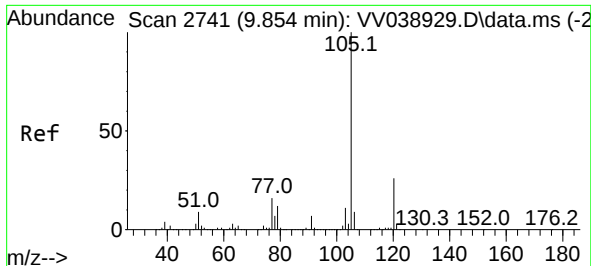
Tgt Ion:173 Resp: 562490
Ion Ratio Lower Upper
173 100
175 48.0 24.3 72.9
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion:152 Resp: 504654
Ion Ratio Lower Upper
152 100
115 105.0 41.0 123.2
150 188.9 0.0 345.4

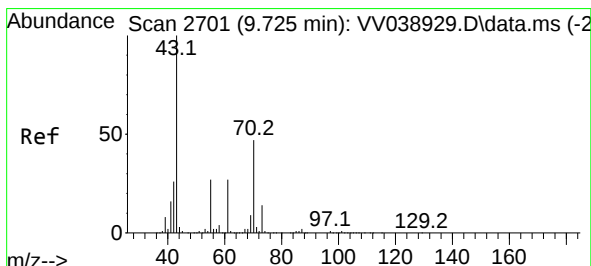
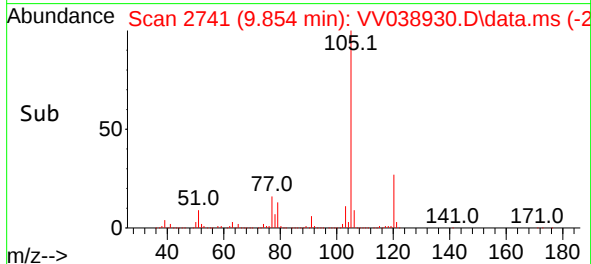
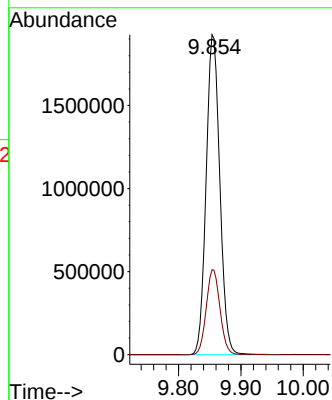
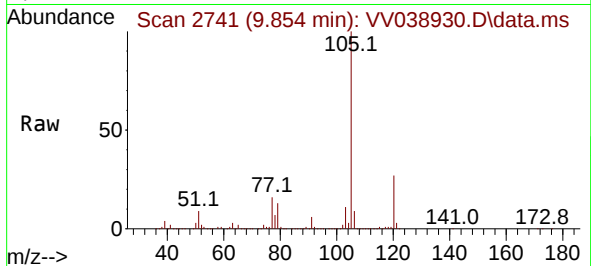




#73
Isopropylbenzene
Concen: 111.483 ug/l
RT: 9.854 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

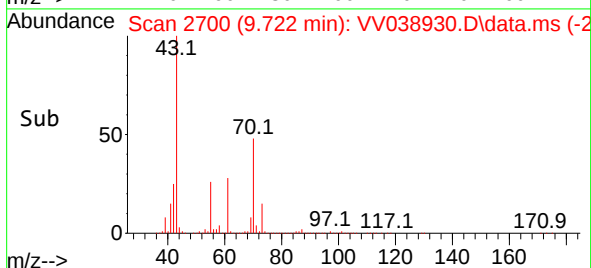
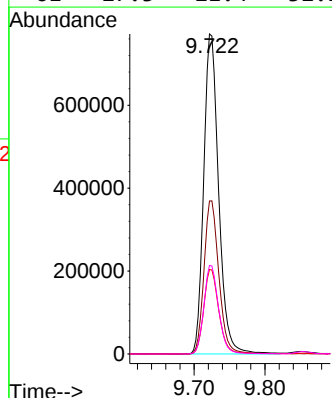
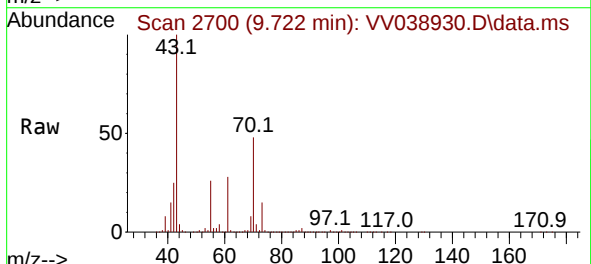
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

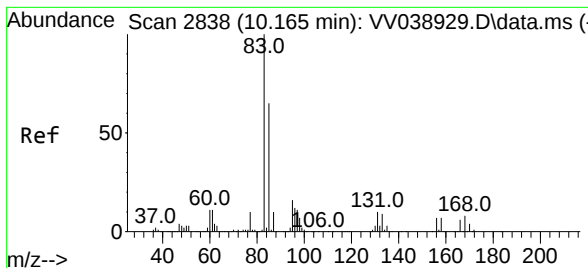
Tgt Ion:105 Resp: 2936537
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.8



#74
N-ethyl acetate
Concen: 122.129 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 43 Resp: 1130502
Ion Ratio Lower Upper
43 100
70 47.9 37.4 56.0
55 26.7 22.1 33.1
61 27.3 21.4 32.2

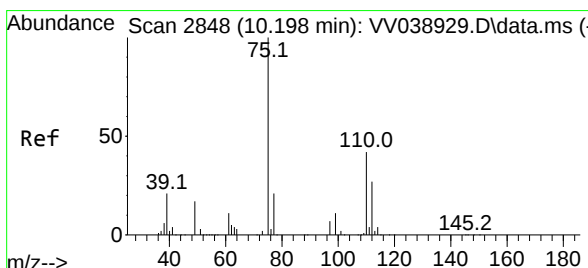
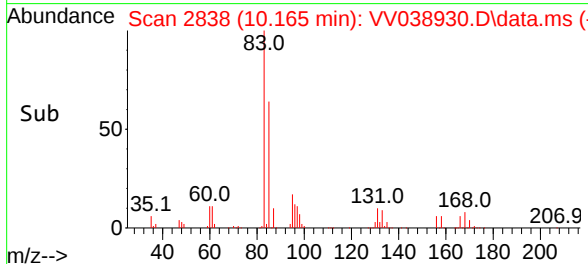
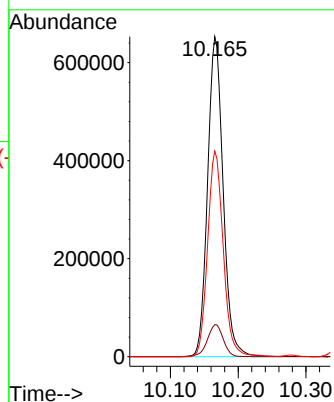
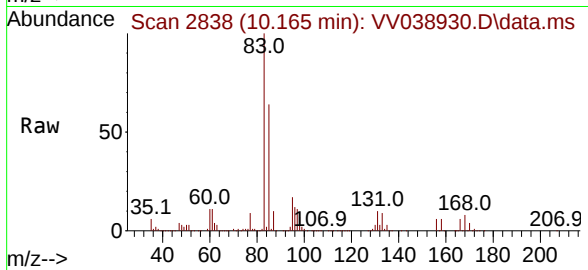




#75
1,1,2,2-Tetrachloroethane
Concen: 92.252 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

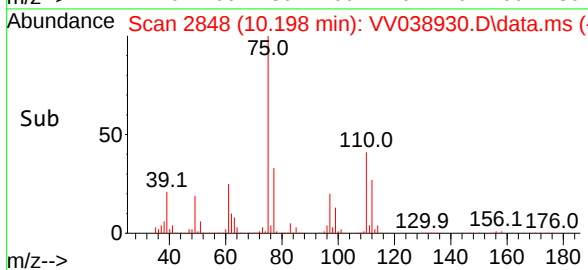
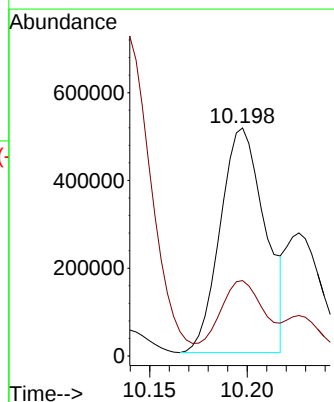
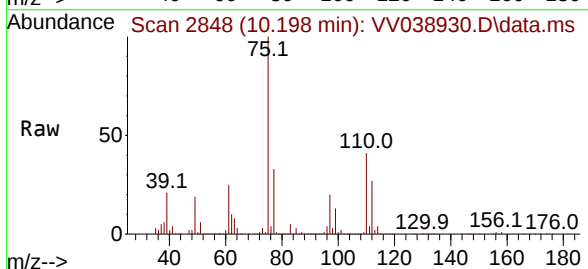
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

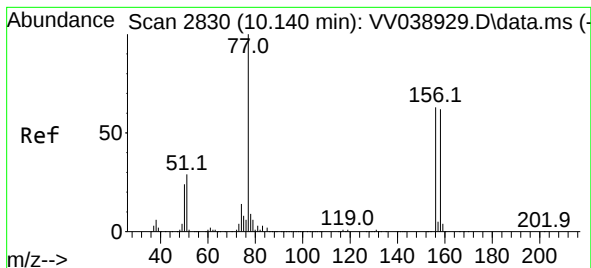
Tgt Ion: 83 Resp: 1038967
Ion Ratio Lower Upper
83 100
131 10.3 5.0 14.9
85 64.6 32.5 97.4



#76
1,2,3-Trichloropropane
Concen: 99.420 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 75 Resp: 820347
Ion Ratio Lower Upper
75 100
77 25.2 11.9 35.9





#77

Bromobenzene

Concen: 104.000 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

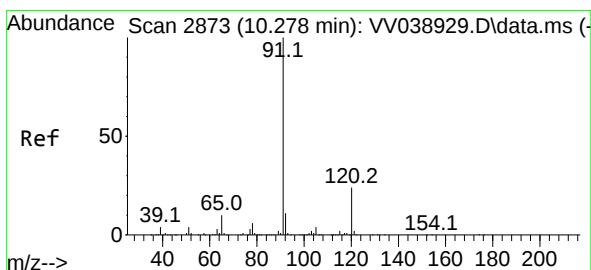
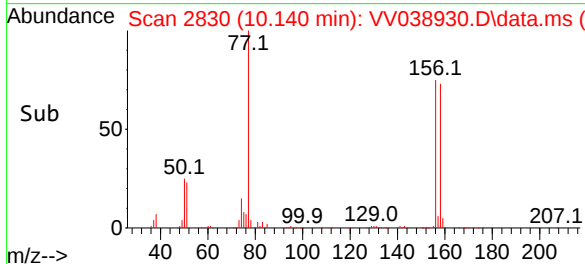
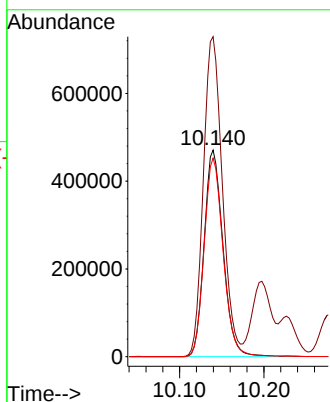
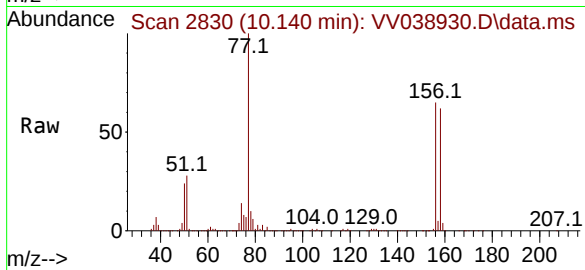
Tgt Ion:156 Resp: 735397

Ion Ratio Lower Upper

156 100

77 155.0 78.8 236.5

158 96.7 49.6 148.8



#78

n-propylbenzene

Concen: 114.613 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038930.D

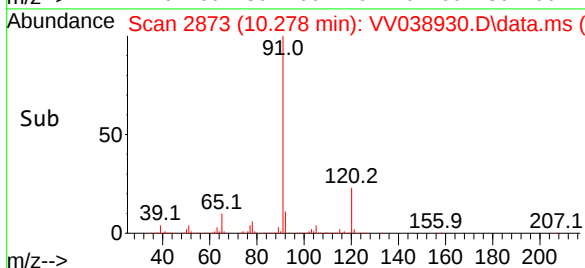
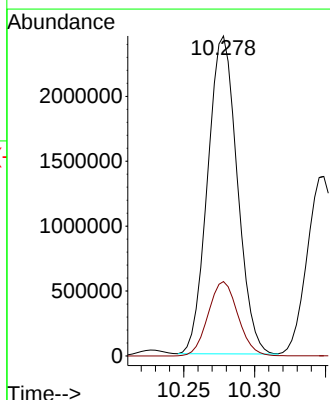
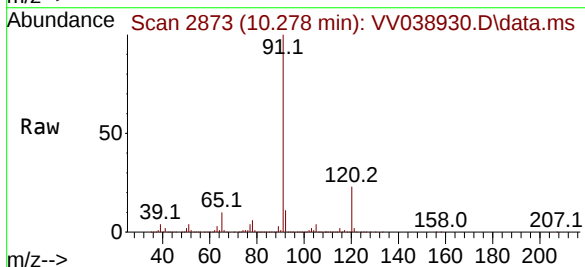
Acq: 08 Aug 2025 11:56

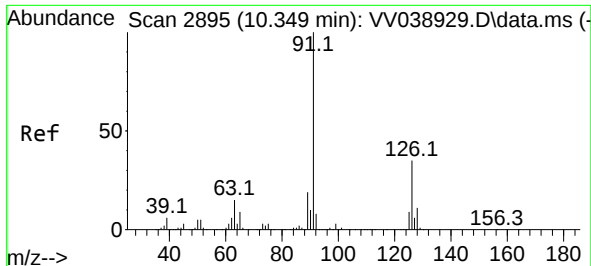
Tgt Ion: 91 Resp: 3561486

Ion Ratio Lower Upper

91 100

120 23.6 11.9 35.7

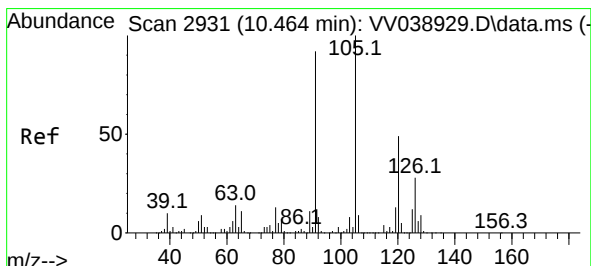
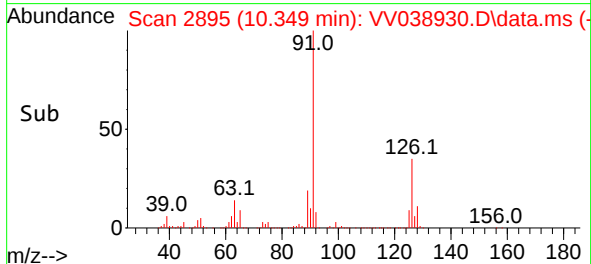
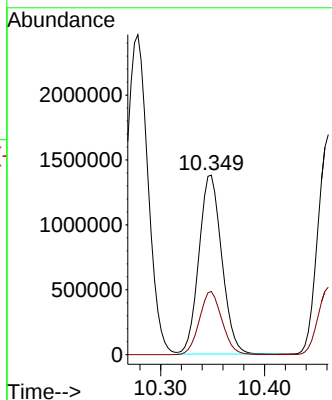
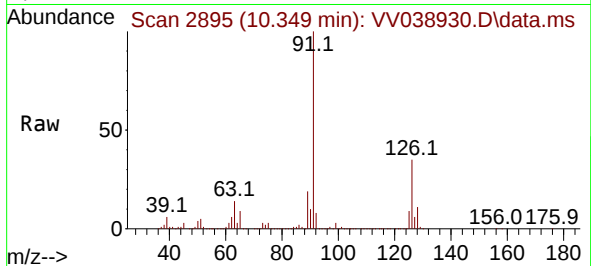




#79
2-Chlorotoluene
Concen: 110.174 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

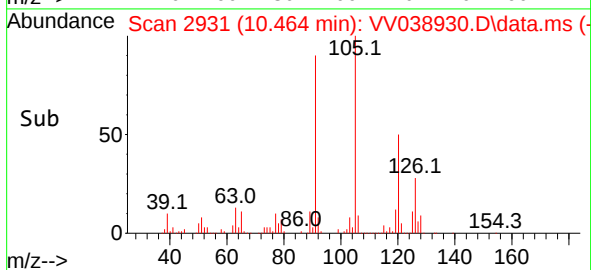
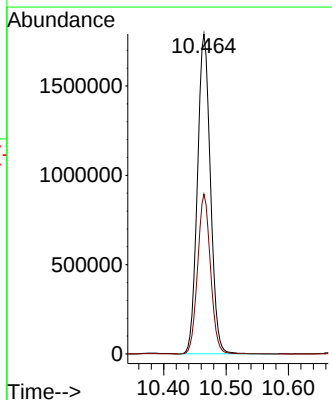
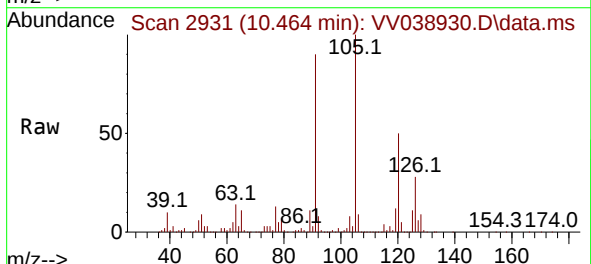
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

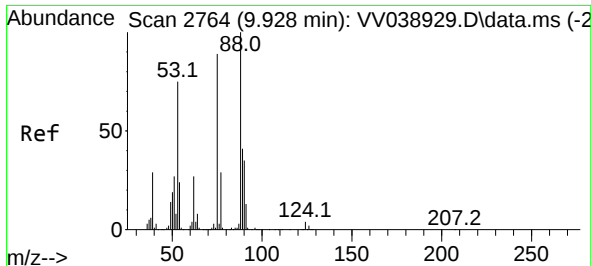
Tgt Ion: 91 Resp: 2101327
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 116.561 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 105 Resp: 2590503
Ion Ratio Lower Upper
105 100
120 49.5 24.6 73.6

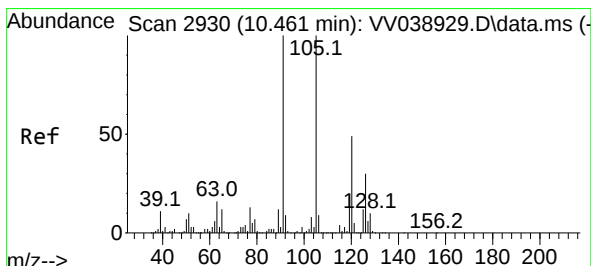
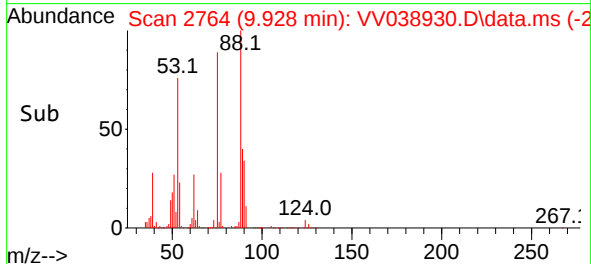
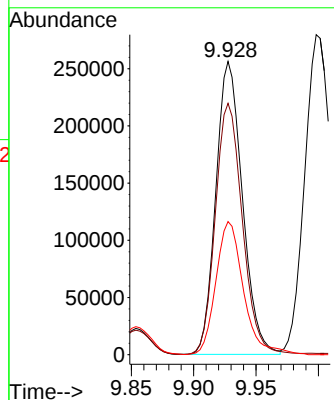
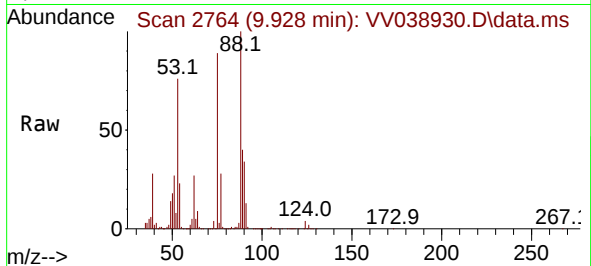




#81
trans-1,4-Dichloro-2-butene
Concen: 115.399 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

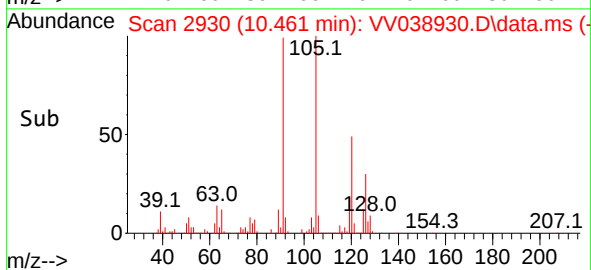
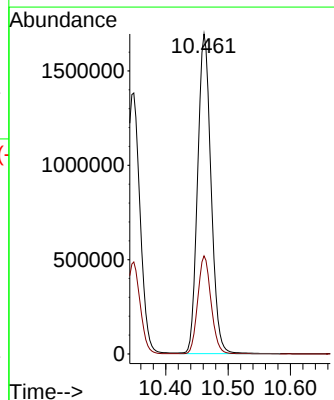
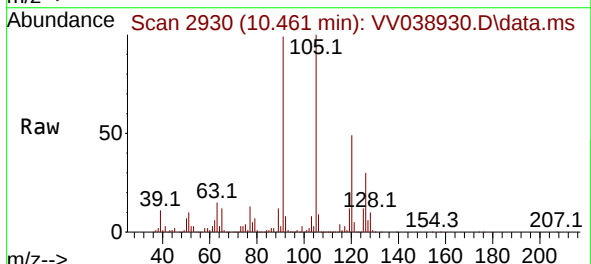
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

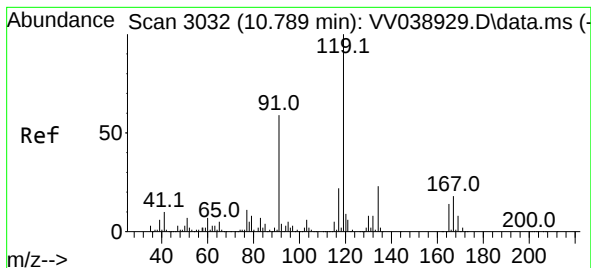
Tgt Ion: 75 Resp: 380050
Ion Ratio Lower Upper
75 100
53 87.2 69.0 103.4
89 47.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 113.262 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038930.D
Acq: 08 Aug 2025 11:56

Tgt Ion: 91 Resp: 2526476
Ion Ratio Lower Upper
91 100
126 30.1 15.0 45.0





#83

tert-Butylbenzene

Concen: 112.886 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

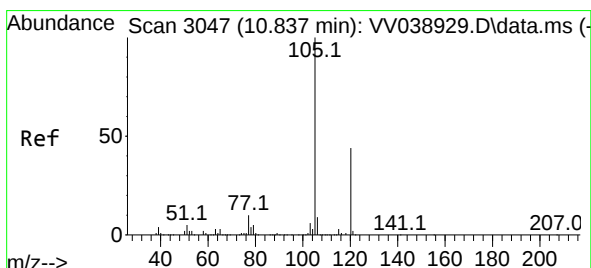
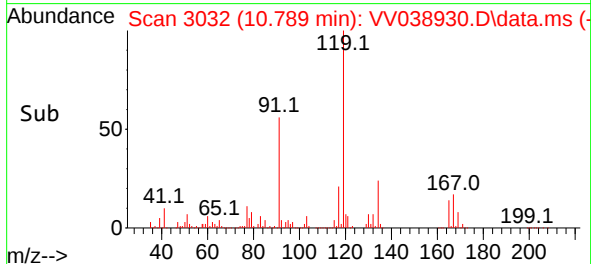
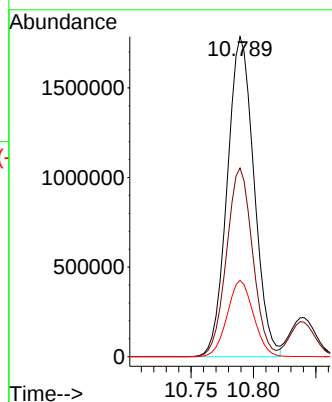
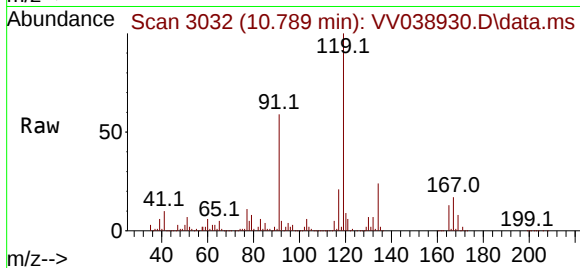
Tgt Ion:119 Resp: 2672557

Ion Ratio Lower Upper

119 100

91 57.5 28.5 85.5

134 23.4 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 117.880 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV038930.D

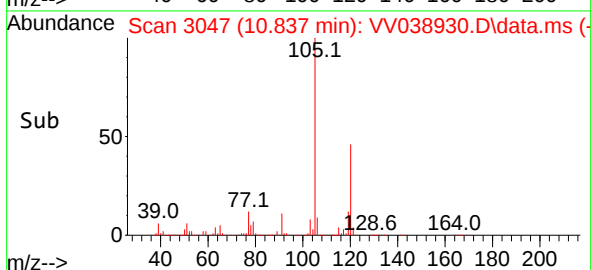
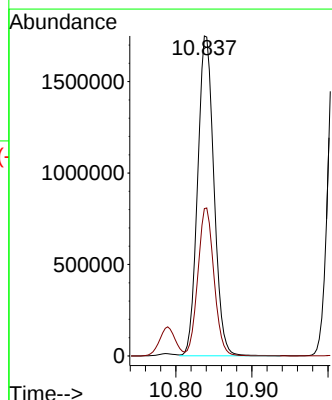
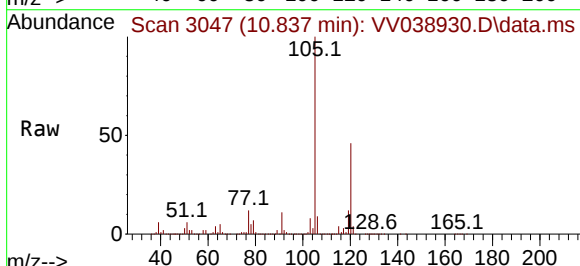
Acq: 08 Aug 2025 11:56

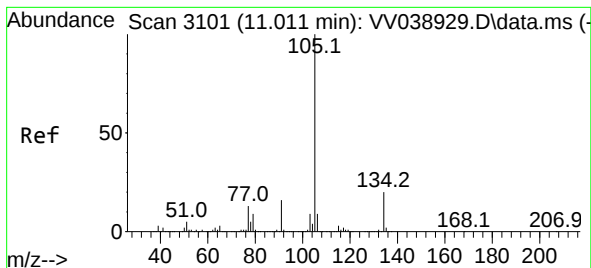
Tgt Ion:105 Resp: 2600031

Ion Ratio Lower Upper

105 100

120 45.9 23.2 69.5





#85

sec-Butylbenzene

Concen: 115.347 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

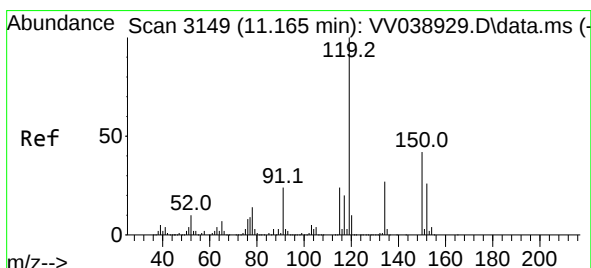
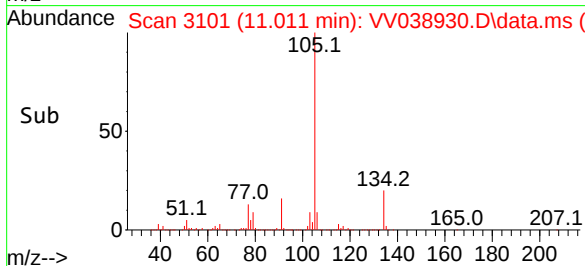
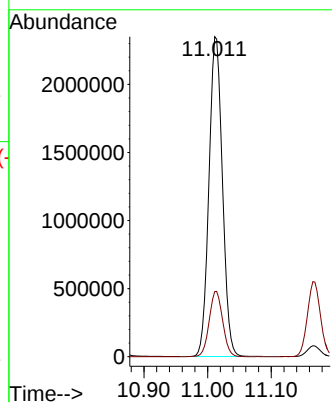
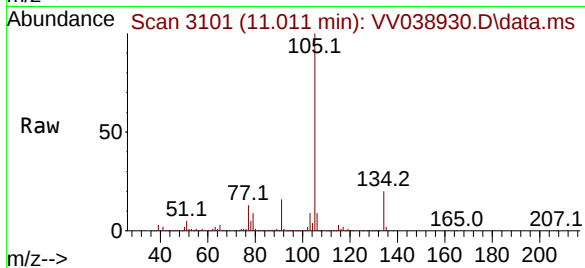
VSTDICC100

Tgt Ion:105 Resp: 3450624

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.4



#86

p-Isopropyltoluene

Concen: 114.257 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

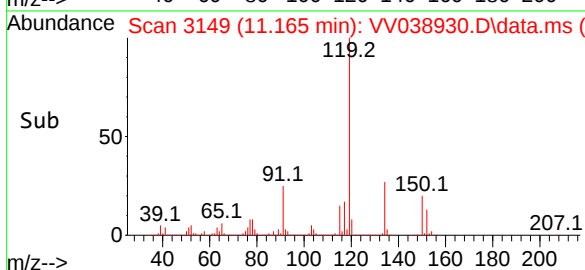
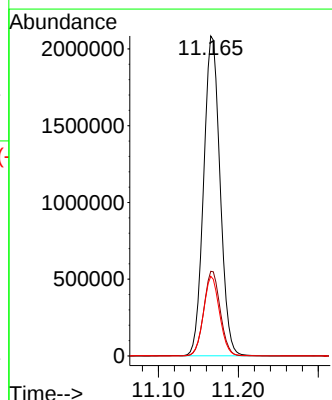
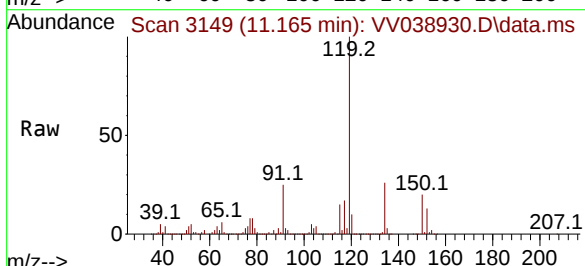
Tgt Ion:119 Resp: 2977556

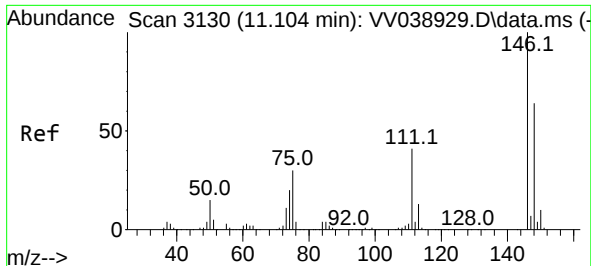
Ion Ratio Lower Upper

119 100

134 26.4 13.2 39.6

91 24.4 12.2 36.4

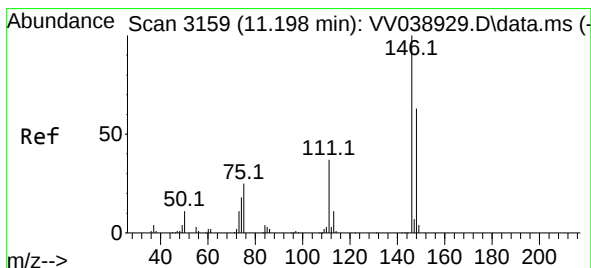
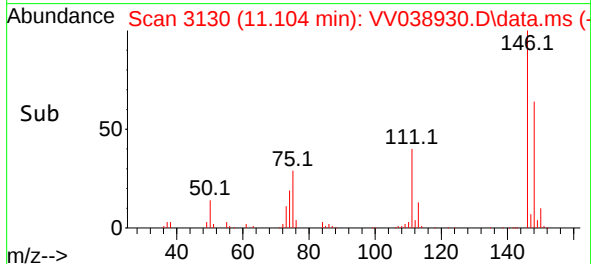
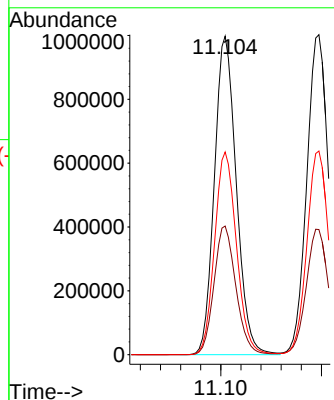
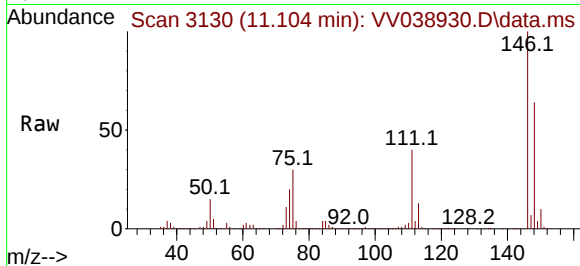




#87
 1,3-Dichlorobenzene
 Concen: 102.102 ug/l
 RT: 11.104 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: VV038930.D
 Acq: 08 Aug 2025 11:56

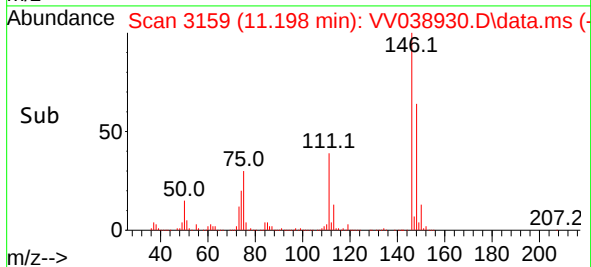
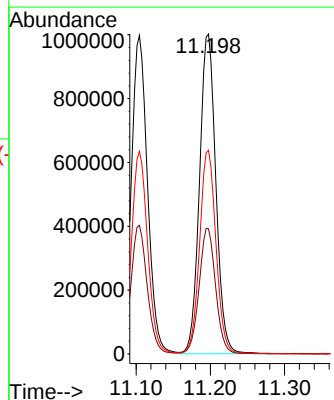
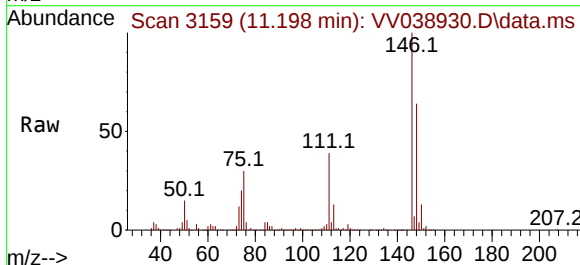
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

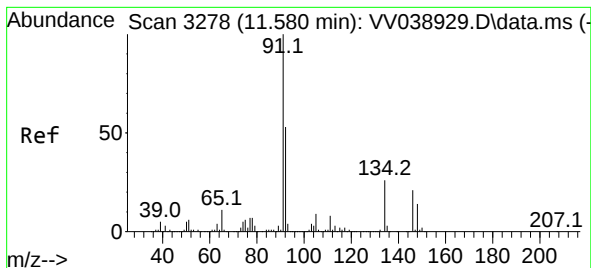
Tgt Ion:146 Resp: 1509149
 Ion Ratio Lower Upper
 146 100
 111 40.5 20.4 61.2
 148 63.7 32.0 96.2



#88
 1,4-Dichlorobenzene
 Concen: 95.367 ug/l
 RT: 11.198 min Scan# 3159
 Delta R.T. 0.000 min
 Lab File: VV038930.D
 Acq: 08 Aug 2025 11:56

Tgt Ion:146 Resp: 1535075
 Ion Ratio Lower Upper
 146 100
 111 39.7 19.7 59.1
 148 63.7 31.4 94.2





#89

n-Butylbenzene

Concen: 118.939 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

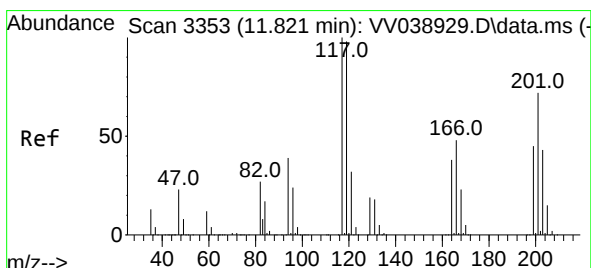
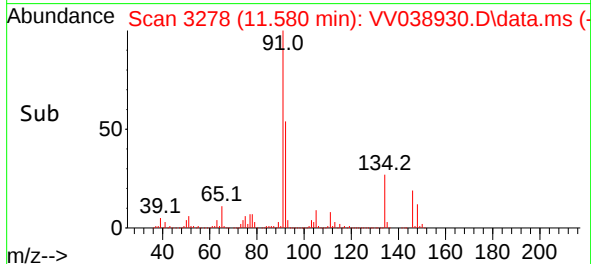
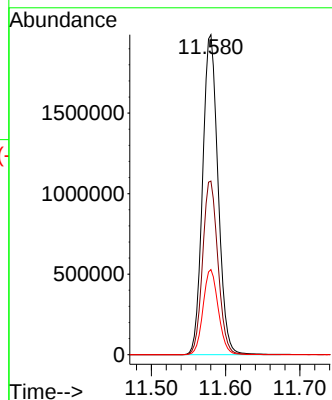
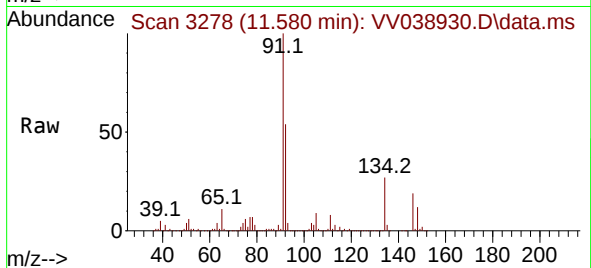
MSVOA_V

ClientSampleId :

VSTDIC100

Tgt Ion: 91 Resp: 2865445

Ion	Ratio	Lower	Upper
91	100		
92	54.0	26.2	78.6
134	26.3	13.0	38.9



#90

Hexachloroethane

Concen: 98.641 ug/l

RT: 11.821 min Scan# 3353

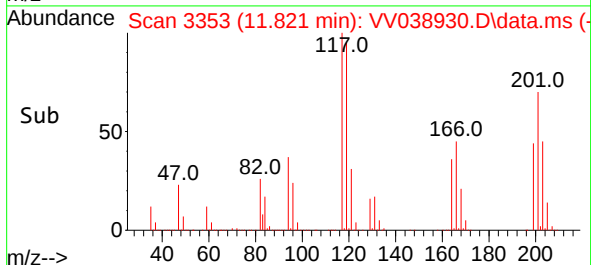
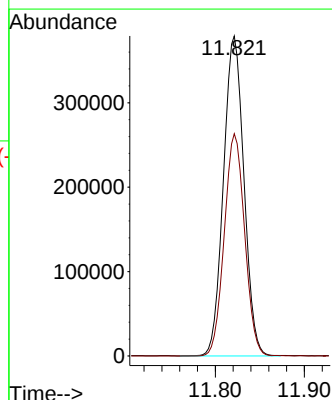
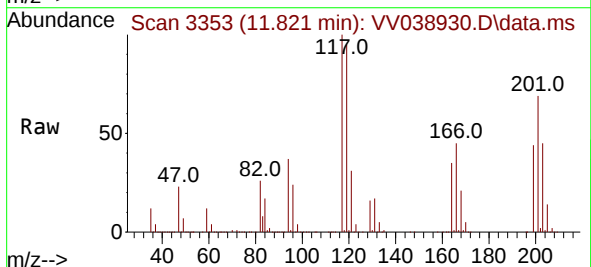
Delta R.T. 0.000 min

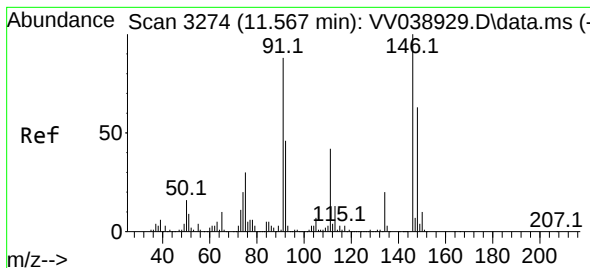
Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Tgt Ion: 117 Resp: 606387

Ion	Ratio	Lower	Upper
117	100		
201	69.0	34.8	104.5





#91

1,2-Dichlorobenzene

Concen: 104.870 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

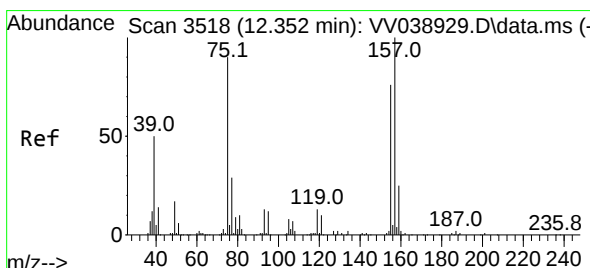
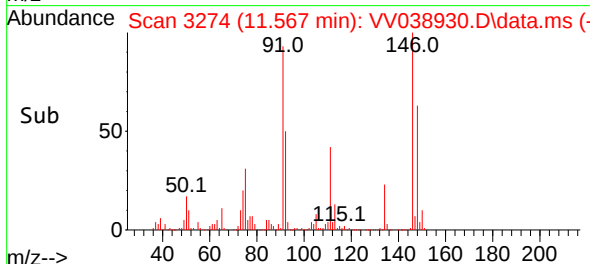
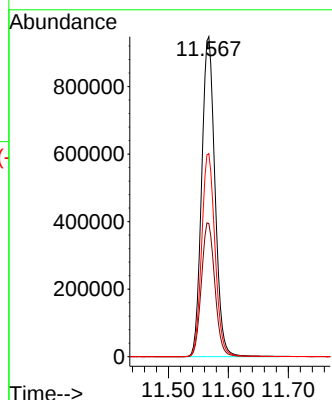
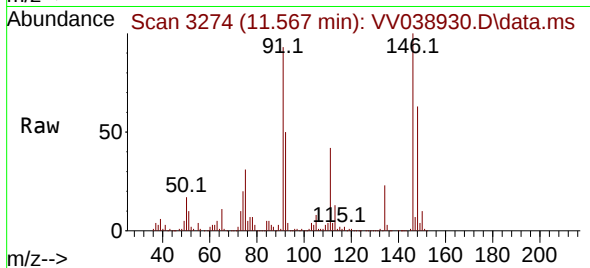
Tgt Ion:146 Resp: 1465183

Ion Ratio Lower Upper

146 100

111 42.3 21.1 63.3

148 63.6 32.1 96.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 103.157 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.003 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

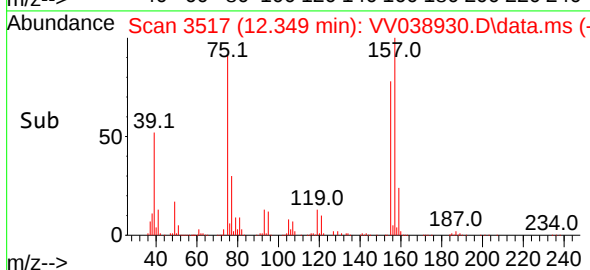
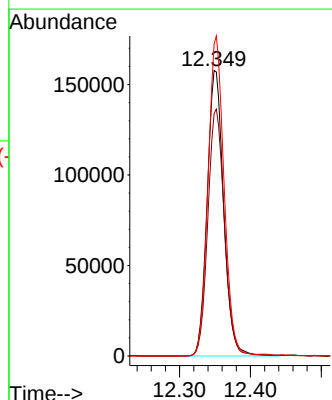
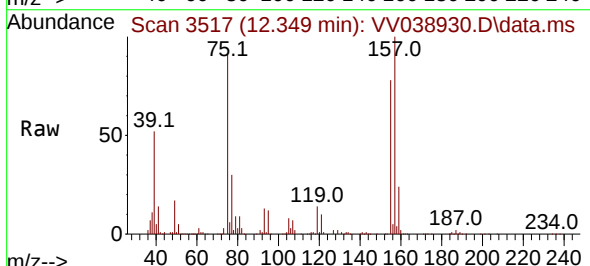
Tgt Ion: 75 Resp: 254454

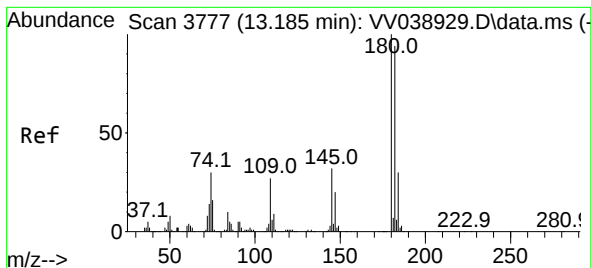
Ion Ratio Lower Upper

75 100

155 86.8 41.4 124.2

157 109.0 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 115.773 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

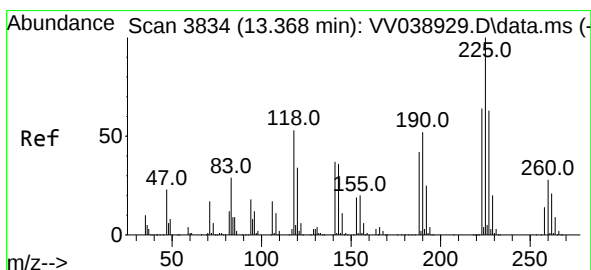
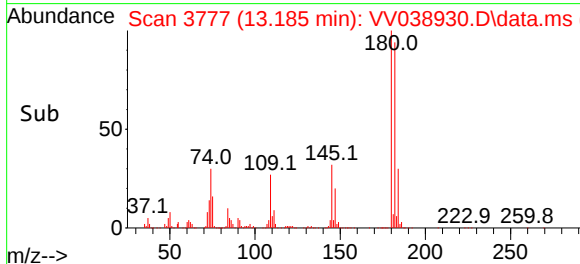
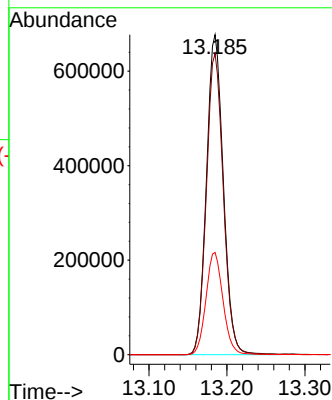
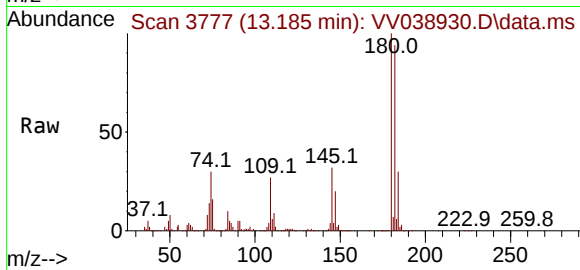
Tgt Ion:180 Resp: 1020233

Ion Ratio Lower Upper

180 100

182 94.4 47.1 141.3

145 32.3 15.9 47.6



#94

Hexachlorobutadiene

Concen: 98.119 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

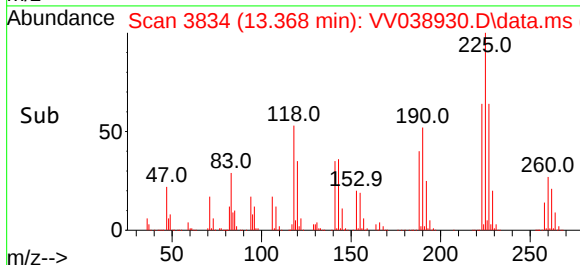
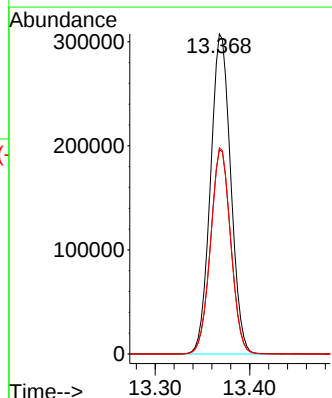
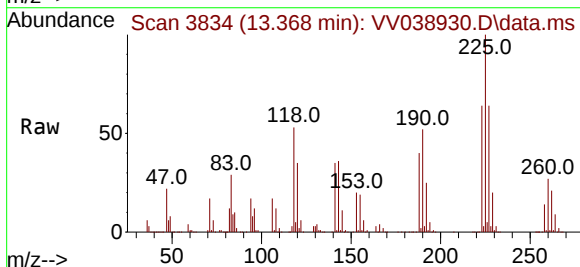
Tgt Ion:225 Resp: 456888

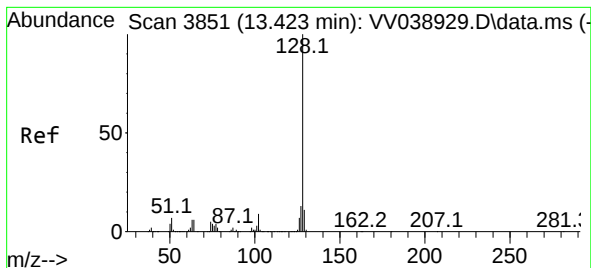
Ion Ratio Lower Upper

225 100

223 64.0 32.0 96.0

227 64.1 31.3 93.9





#95

Naphthalene

Concen: 128.575 ug/l

RT: 13.423 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

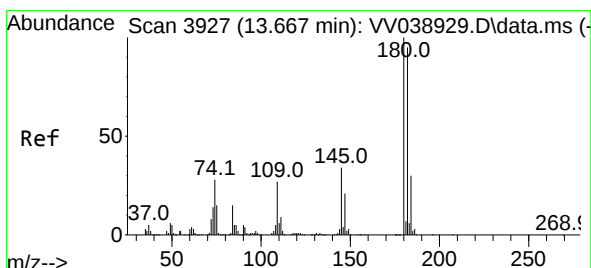
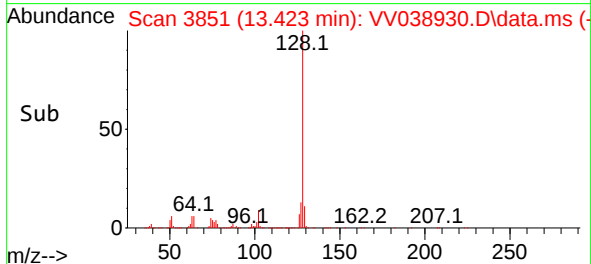
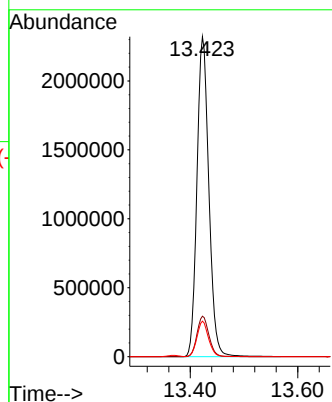
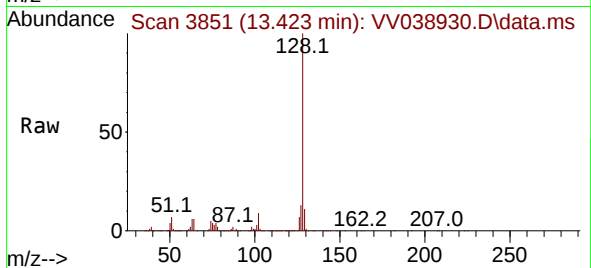
Tgt Ion:128 Resp: 3555396

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 10.8 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 114.878 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV038930.D

Acq: 08 Aug 2025 11:56

Tgt Ion:180 Resp: 1035982

Ion Ratio Lower Upper

180 100

182 95.2 47.5 142.5

145 34.1 17.1 51.3

