

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW062725\
 Data File : VW038828.D
 Acq On : 27 Jun 2025 11:49
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC150

Quant Time: Jun 28 04:00:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V062725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 28 03:44:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	583579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.526	114	978685	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	892803	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	476450	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.934	65	1038382	138.214	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.420%	
35) Dibromofluoromethane	4.490	113	895536	141.035	ug/l	0.00
Spiked Amount	50.000		Recovery	=	282.060%	
50) Toluene-d8	7.233	98	3031985	139.751	ug/l	0.00
Spiked Amount	50.000		Recovery	=	279.500%	
62) 4-Bromofluorobenzene	9.998	95	1185757	148.466	ug/l	0.00
Spiked Amount	50.000		Recovery	=	296.940%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.117	85	743741	134.251	ug/l 98
3) Chloromethane	1.224	50	898047	125.121	ug/l 99
4) Vinyl Chloride	1.294	62	1002457	130.895	ug/l 99
5) Bromomethane	1.478	94	559151	144.810	ug/l 96
6) Chloroethane	1.545	64	641871	129.526	ug/l 99
7) Trichlorofluoromethane	1.716	101	1484194	130.245	ug/l 99
8) Diethyl Ether	1.912	74	597607	137.264	ug/l 100
9) 1,1,2-Trichlorotrifluo...	2.072	101	904662	131.827	ug/l 100
10) Methyl Iodide	2.188	142	1196184	150.022	ug/l 99
11) Tert butyl alcohol	2.577	59	1007344	786.322	ug/l 99
12) 1,1-Dichloroethene	2.076	96	862728	149.651	ug/l 97
13) Acrolein	2.002	56	370573	766.038	ug/l 98
14) Allyl chloride	2.349	41	1626169	146.101	ug/l 100
15) Acrylonitrile	2.664	53	3222465	738.717	ug/l 99
16) Acetone	2.111	43	2293127	678.709	ug/l 100
17) Carbon Disulfide	2.246	76	2162770	148.705	ug/l 99
18) Methyl Acetate	2.371	43	1624407	150.054	ug/l 99
19) Methyl tert-butyl Ether	2.703	73	3183120	153.027	ug/l 99
20) Methylene Chloride	2.449	84	1013708	128.905	ug/l 99
21) trans-1,2-Dichloroethene	2.696	96	914583	133.698	ug/l 97
22) Diisopropyl ether	3.204	45	3426527	152.123	ug/l 91
23) Vinyl Acetate	3.178	43	14314259	799.984	ug/l 98
24) 1,1-Dichloroethane	3.111	63	1845428	136.612	ug/l 100
25) 2-Butanone	3.850	43	4035816	798.627	ug/l 99
26) 2,2-Dichloropropane	3.802	77	1634951	143.698	ug/l 100
27) cis-1,2-Dichloroethene	3.809	96	1147304	144.699	ug/l 100
28) Bromochloromethane	4.137	49	837693	132.871	ug/l 100
29) Tetrahydrofuran	4.220	42	2747314	746.842	ug/l 99
30) Chloroform	4.268	83	1870267	134.735	ug/l 98
31) Cyclohexane	4.577	56	1497725	142.602	ug/l 99
32) 1,1,1-Trichloroethane	4.506	97	1622494	135.960	ug/l 98
36) 1,1-Dichloropropene	4.738	75	1293515	139.043	ug/l 99
37) Ethyl Acetate	3.957	43	1672659	133.949	ug/l 97
38) Carbon Tetrachloride	4.728	117	1364705	137.827	ug/l 99
39) Methylcyclohexane	6.043	83	1665182	159.523	ug/l 98
40) Benzene	5.002	78	3924209	142.576	ug/l 100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.143	41	819558	149.553	ug/l	97
42) 1,2-Dichloroethane	5.030	62	1359159	136.907	ug/l	99
43) Isopropyl Acetate	5.178	43	2619570	172.575	ug/l	98
44) Trichloroethene	5.825	130	976796	147.876	ug/l	97
45) 1,2-Dichloropropane	6.082	63	1052124	145.401	ug/l	99
46) Dibromomethane	6.217	93	739960	139.403	ug/l	99
47) Bromodichloromethane	6.423	83	1515049	141.333	ug/l	99
48) Methyl methacrylate	6.288	41	1248876	173.595	ug/l	99
49) 1,4-Dioxane	6.284	88	366187	3162.042	ug/l	92
51) 4-Methyl-2-Pentanone	7.146	43	8492183	759.884	ug/l	98
52) Toluene	7.304	92	2484770	148.092	ug/l	97
53) t-1,3-Dichloropropene	7.567	75	1650529	161.506	ug/l	100
54) cis-1,3-Dichloropropene	6.940	75	1742639	154.161	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	1004483	138.745	ug/l	99
56) Ethyl methacrylate	7.709	69	1734527	175.861	ug/l	99
57) 1,3-Dichloropropane	7.931	76	1733284	145.488	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	4336043	743.872	ug/l	99
59) 2-Hexanone	8.059	43	6348879	806.503	ug/l	98
60) Dibromochloromethane	8.165	129	1189982	141.768	ug/l	99
61) 1,2-Dibromoethane	8.268	107	1069837	143.167	ug/l	100
64) Tetrachloroethene	7.895	164	827823	132.856	ug/l	99
65) Chlorobenzene	8.802	112	2808832	143.870	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	986849	142.944	ug/l	98
67) Ethyl Benzene	8.934	91	4856520	158.055	ug/l	100
68) m/p-Xylenes	9.059	106	3723451	321.745	ug/l	99
69) o-Xylene	9.464	106	1816062	167.761	ug/l	99
70) Styrene	9.484	104	3092345	169.157	ug/l	99
71) Bromoform	9.651	173	830951	149.388	ug/l #	99
73) Isopropylbenzene	9.853	105	4791037	164.929	ug/l	100
74) N-amyl acetate	9.722	43	2339952	184.749	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	1703582	140.847	ug/l	99
76) 1,2,3-Trichloropropane	10.194	75	1340369	146.351	ug/l	97
77) Bromobenzene	10.136	156	1113859	152.085	ug/l	97
78) n-propylbenzene	10.278	91	5698931	162.223	ug/l	99
79) 2-Chlorotoluene	10.345	91	3298402	157.804	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	3987439	165.189	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	677270	171.252	ug/l	97
82) 4-Chlorotoluene	10.461	91	3889841	161.416	ug/l	99
83) tert-Butylbenzene	10.789	119	4047545	168.158	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	3969634	169.595	ug/l	99
85) sec-Butylbenzene	11.011	105	5318650	167.528	ug/l	100
86) p-Isopropyltoluene	11.165	119	4457437	164.327	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	2212090	148.391	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	2248137	139.230	ug/l	98
89) n-Butylbenzene	11.577	91	4434959	168.812	ug/l	98
90) Hexachloroethane	11.821	117	888388	148.764	ug/l	99
91) 1,2-Dichlorobenzene	11.564	146	2157665	149.299	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	412616	160.912	ug/l	95
93) 1,2,4-Trichlorobenzene	13.184	180	1479791	173.559	ug/l	99
94) Hexachlorobutadiene	13.368	225	591010	142.535	ug/l	99
95) Naphthalene	13.422	128	5357560	151.056	ug/l	99
96) 1,2,3-Trichlorobenzene	13.664	180	1481883	169.189	ug/l	100

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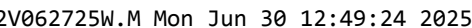
Instrument :
MSVOA_V
ClientSampleId :
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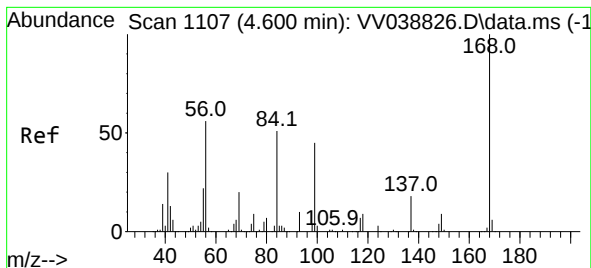
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Quant Title : SW846 8260
QLast Update : Sat Jun 28 03:44:11 2025
Response via : Initial Calibration

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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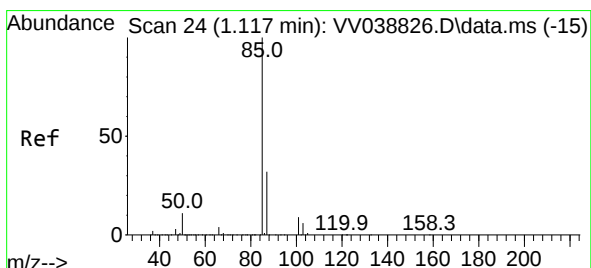
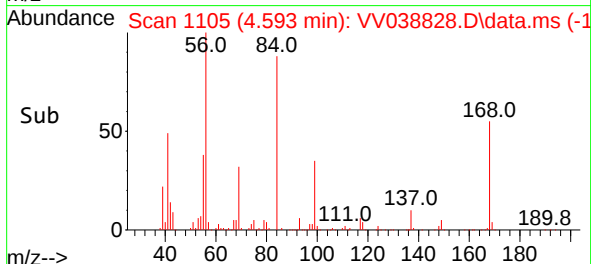
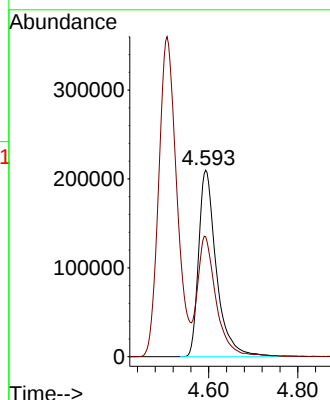
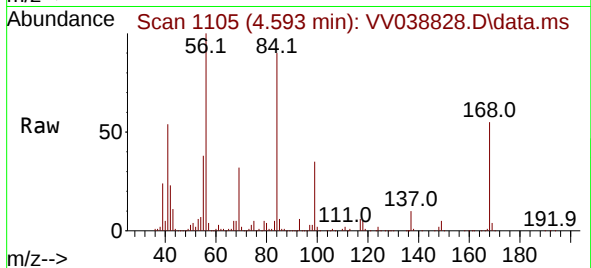




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.593 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV038828.D
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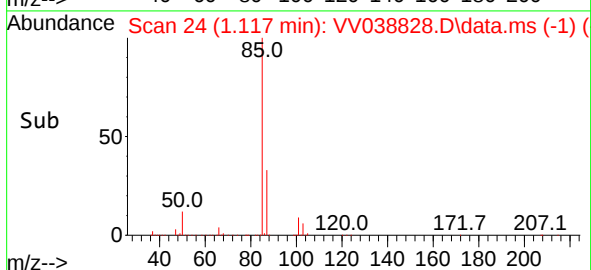
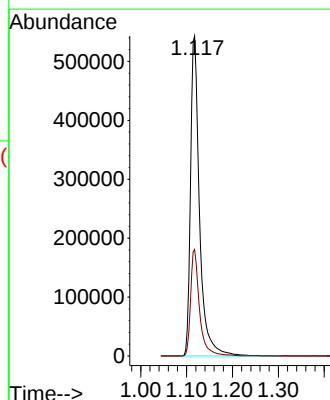
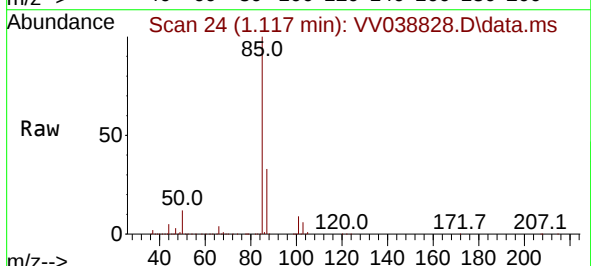
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

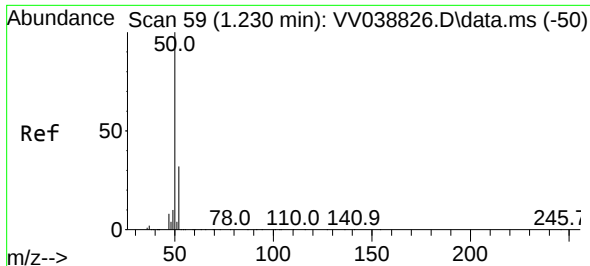
Tgt Ion:168 Resp: 583579
Ion Ratio Lower Upper
168 100
99 64.0 49.0 73.6



#2
Dichlorodifluoromethane
Concen: 134.251 ug/l
RT: 1.117 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 85 Resp: 743741
Ion Ratio Lower Upper
85 100
87 33.3 16.1 48.3

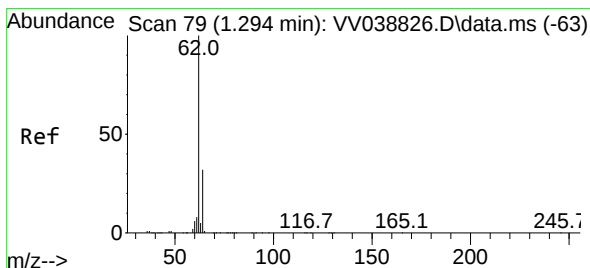
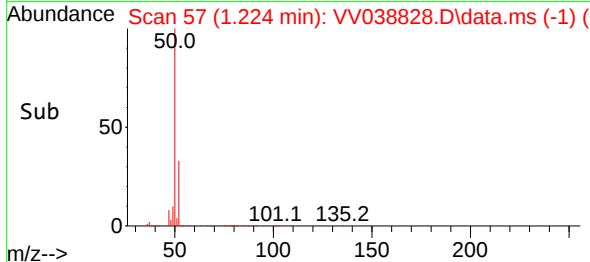
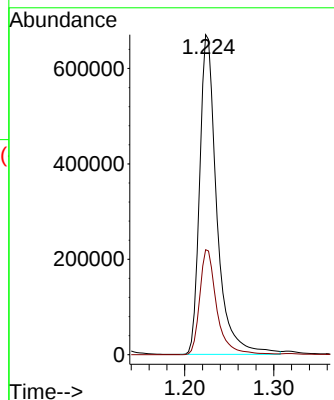
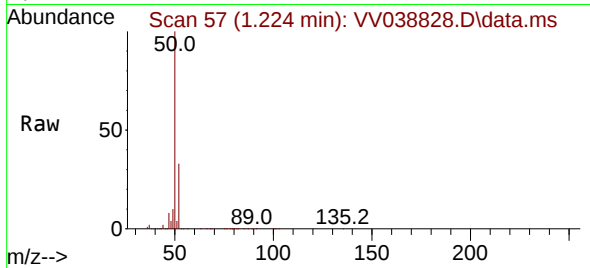




#3
Chloromethane
Concen: 125.121 ug/l
RT: 1.224 min Scan# 51
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

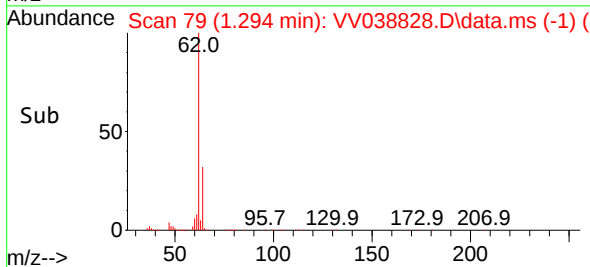
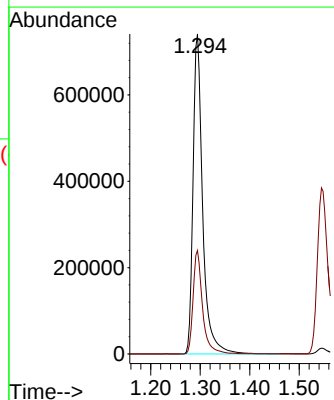
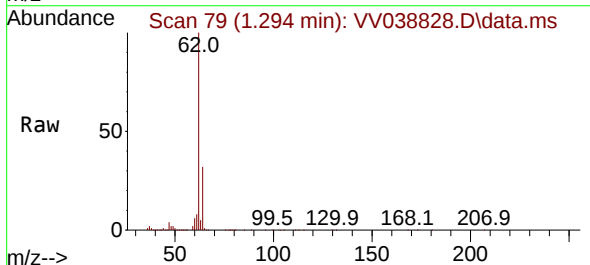
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ClientSampleId :
VSTDICC150

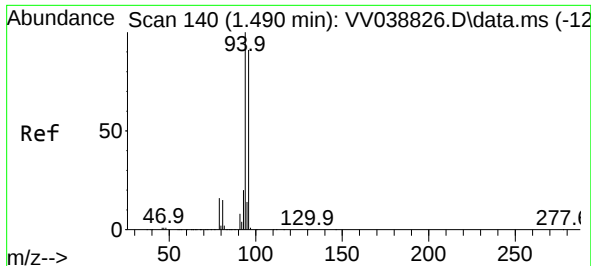
Tgt Ion: 50 Resp: 898047
Ion Ratio Lower Upper
50 100
52 32.9 25.8 38.6



#4
Vinyl Chloride
Concen: 130.895 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 62 Resp: 1002457
Ion Ratio Lower Upper
62 100
64 32.4 25.3 37.9

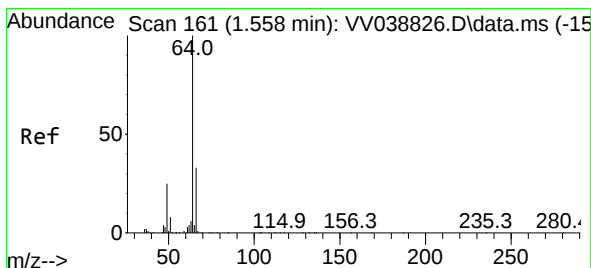
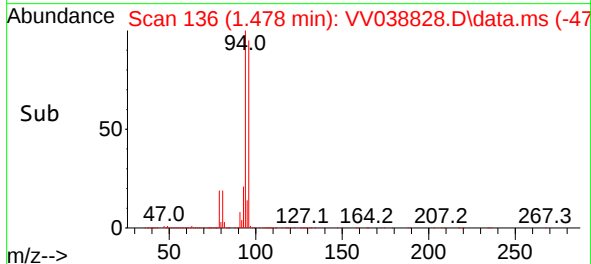
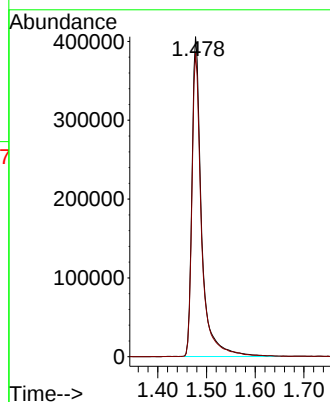
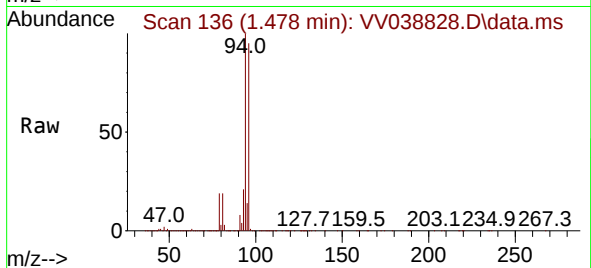




#5
Bromomethane
Concen: 144.810 ug/l
RT: 1.478 min Scan# 11
Delta R.T. -0.012 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

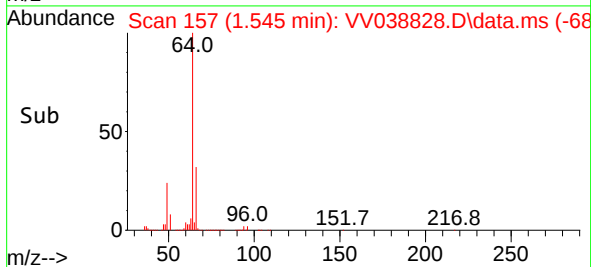
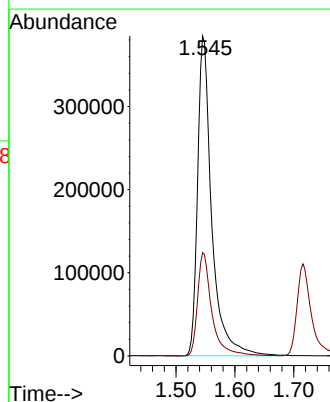
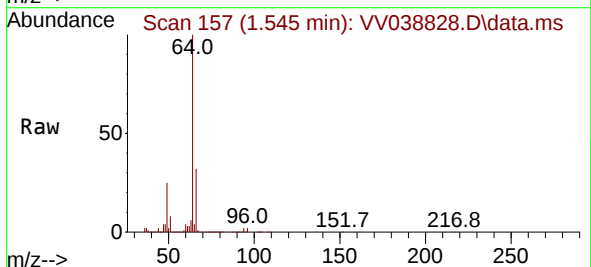
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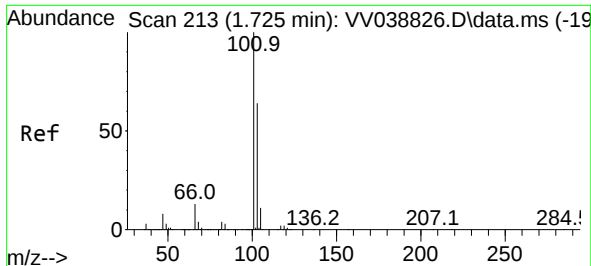
Tgt Ion: 94 Resp: 559151
Ion Ratio Lower Upper
94 100
96 94.8 72.9 109.3



#6
Chloroethane
Concen: 129.526 ug/l
RT: 1.545 min Scan# 157
Delta R.T. -0.013 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 64 Resp: 641871
Ion Ratio Lower Upper
64 100
66 32.3 26.3 39.5

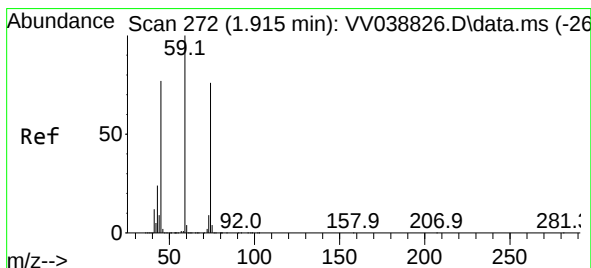
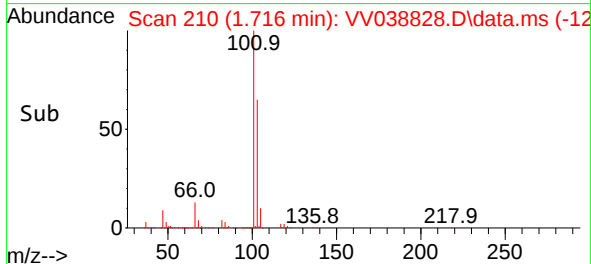
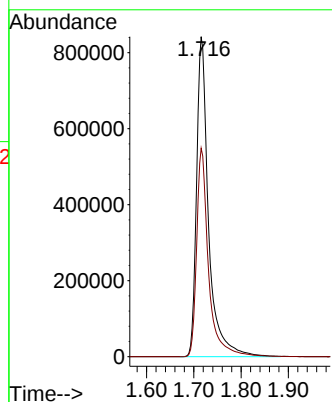
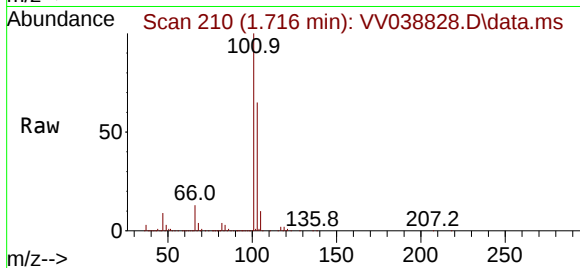




#7
 Trichlorofluoromethane
 Concen: 130.245 ug/l
 RT: 1.716 min Scan# 210
 Delta R.T. -0.010 min
 Lab File: VV038828.D
 Acq: 27 Jun 2025 11:49

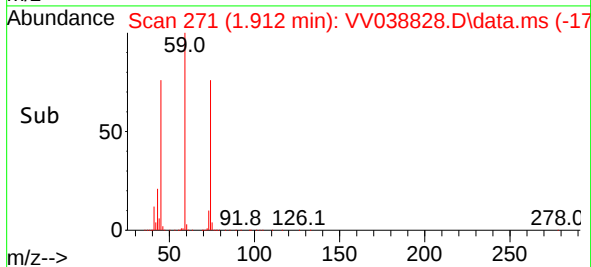
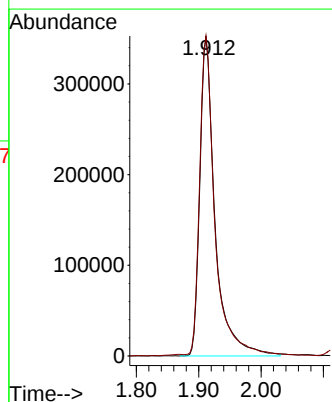
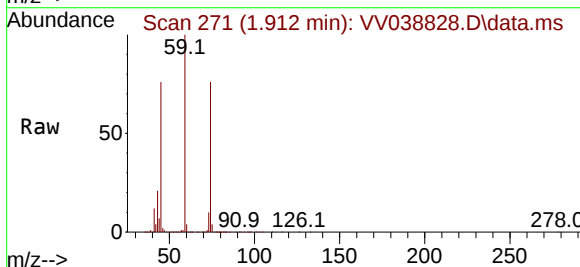
Instrument :
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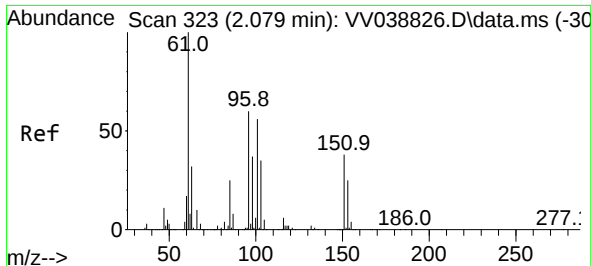
Tgt Ion:101 Resp: 1484194
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.5 77.3



#8
 Diethyl Ether
 Concen: 137.264 ug/l
 RT: 1.912 min Scan# 271
 Delta R.T. -0.003 min
 Lab File: VV038828.D
 Acq: 27 Jun 2025 11:49

Tgt Ion: 74 Resp: 597607
 Ion Ratio Lower Upper
 74 100
 45 100.2 50.2 150.6

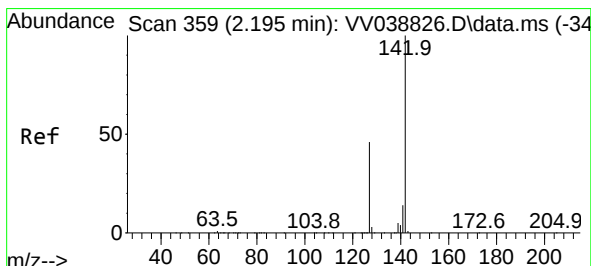
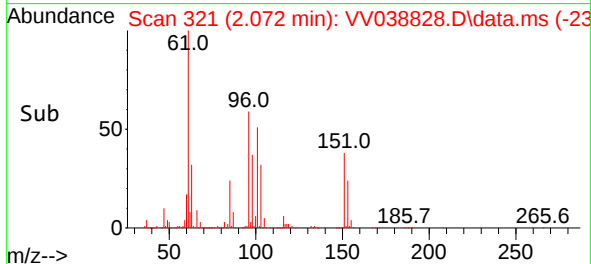
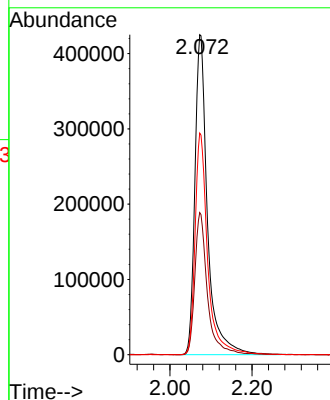
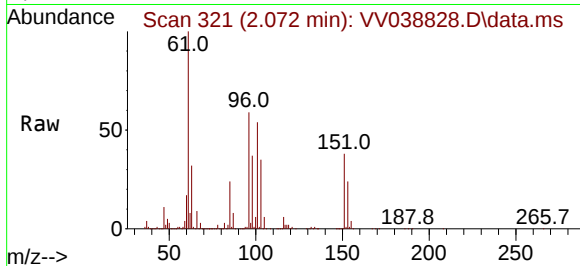




#9
1,1,2-Trichlorotrifluoroethane
Concen: 131.827 ug/l
RT: 2.072 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

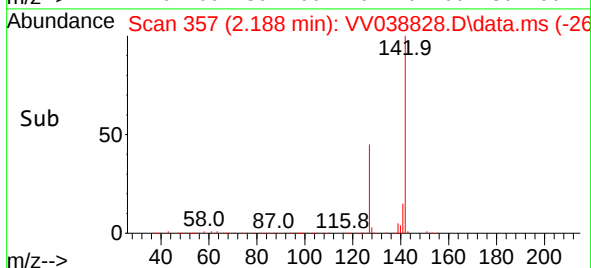
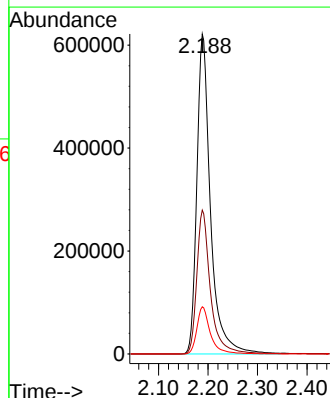
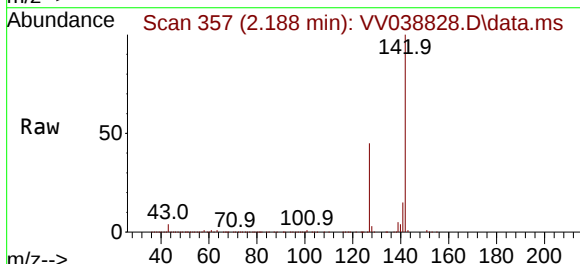
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

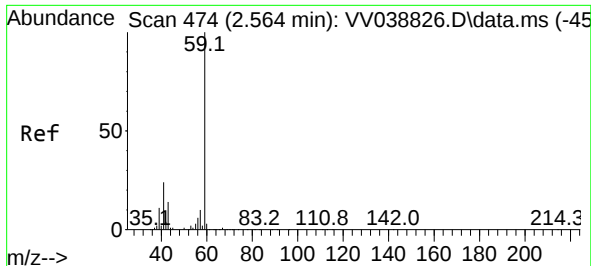
Tgt Ion:101 Resp: 904662
Ion Ratio Lower Upper
101 100
85 44.2 35.5 53.3
151 69.3 55.4 83.2



#10
Methyl Iodide
Concen: 150.022 ug/l
RT: 2.188 min Scan# 357
Delta R.T. -0.007 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion:142 Resp: 1196184
Ion Ratio Lower Upper
142 100
127 45.1 36.4 54.6
141 14.6 11.9 17.9

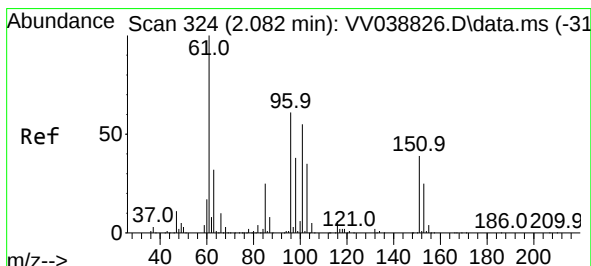
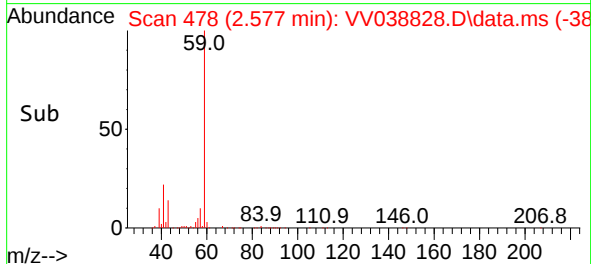
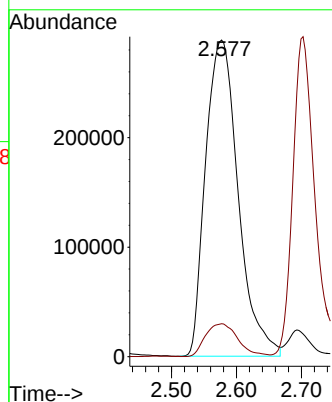
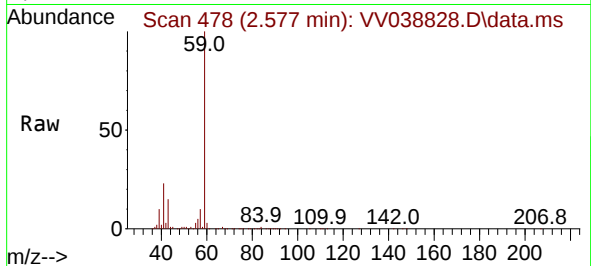




#11
Tert butyl alcohol
Concen: 786.322 ug/l
RT: 2.577 min Scan# 411
Delta R.T. 0.013 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

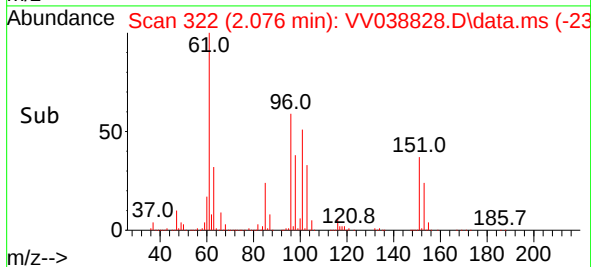
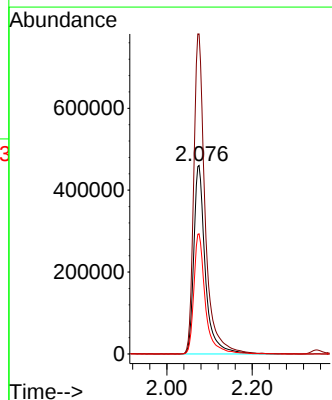
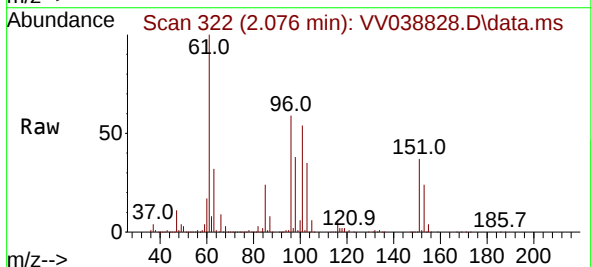
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

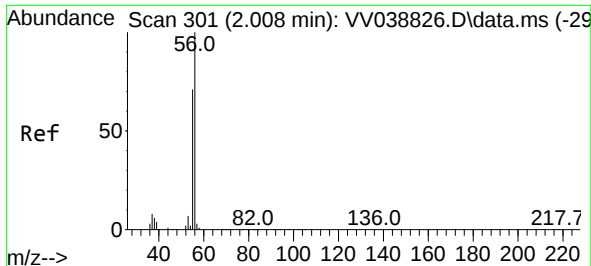
Tgt Ion: 59 Resp: 1007344
Ion Ratio Lower Upper
59 100
57 10.4 8.1 12.1



#12
1,1-Dichloroethene
Concen: 149.651 ug/l
RT: 2.076 min Scan# 322
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 96 Resp: 862728
Ion Ratio Lower Upper
96 100
61 169.8 131.5 197.3
98 63.8 50.0 75.0

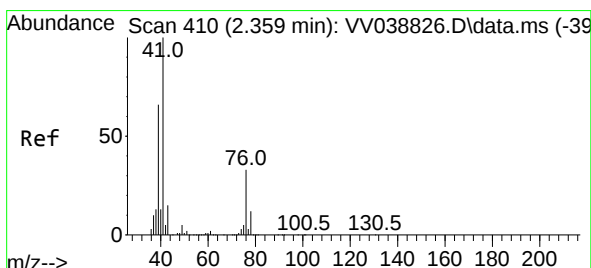
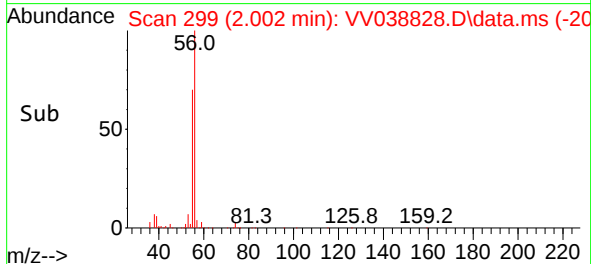
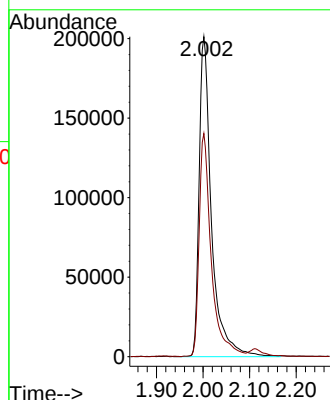
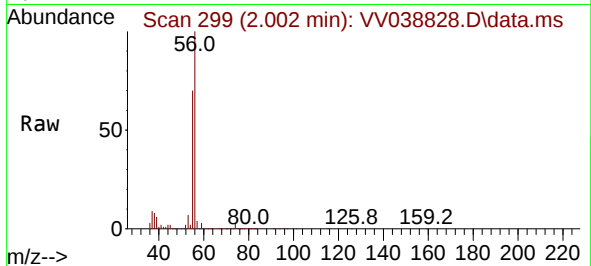




#13
Acrolein
Concen: 766.038 ug/l
RT: 2.002 min Scan# 24
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

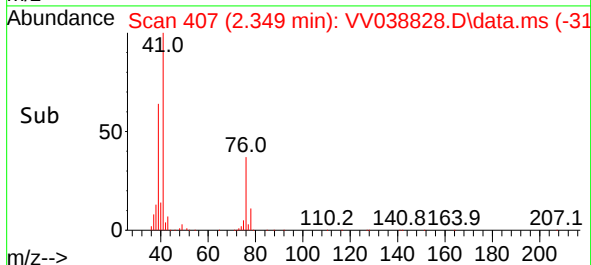
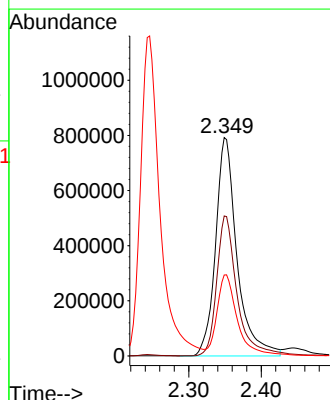
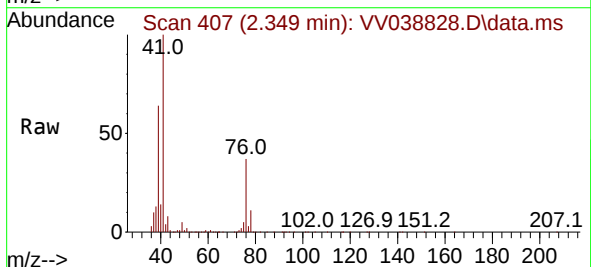
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

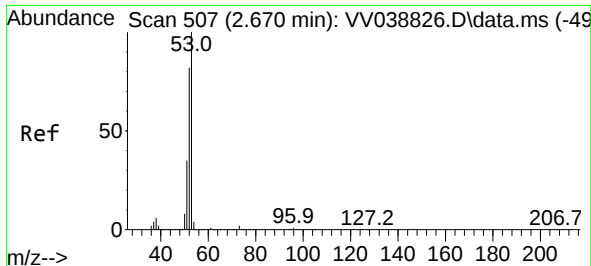
Tgt Ion: 56 Resp: 370573
Ion Ratio Lower Upper
56 100
55 68.4 56.0 84.0



#14
Allyl chloride
Concen: 146.101 ug/l
RT: 2.349 min Scan# 407
Delta R.T. -0.010 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

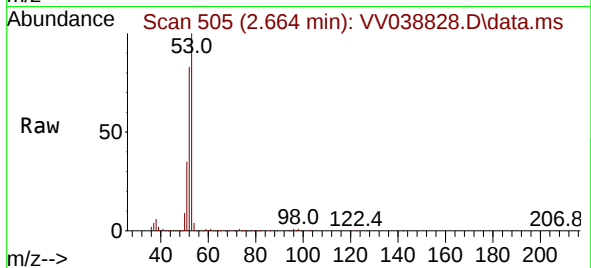
Tgt Ion: 41 Resp: 1626169
Ion Ratio Lower Upper
41 100
39 61.6 49.4 74.0
76 35.6 28.8 43.2



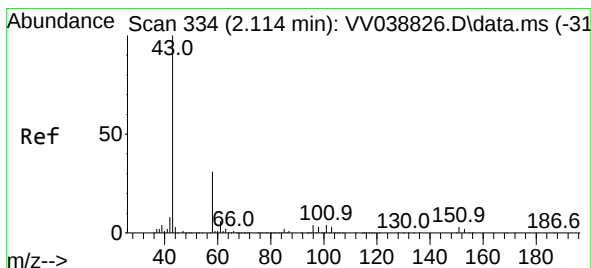
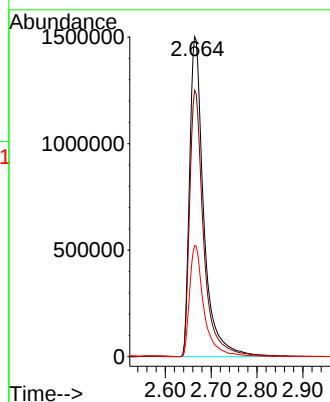
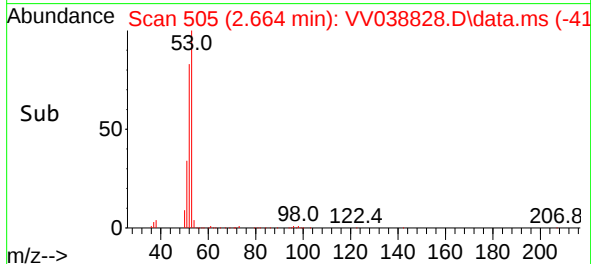


#15
Acrylonitrile
Concen: 738.717 ug/l
RT: 2.664 min Scan# 507
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

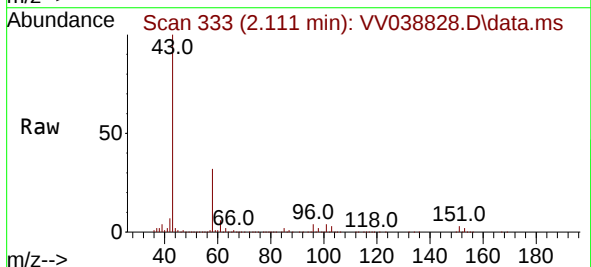
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150



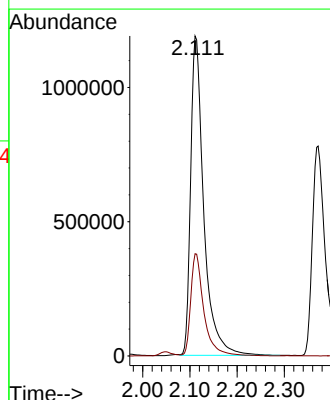
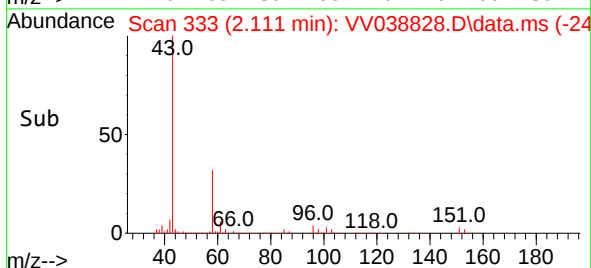
Tgt Ion: 53 Resp: 3222465
Ion Ratio Lower Upper
53 100
52 82.7 65.5 98.3
51 35.4 28.3 42.5

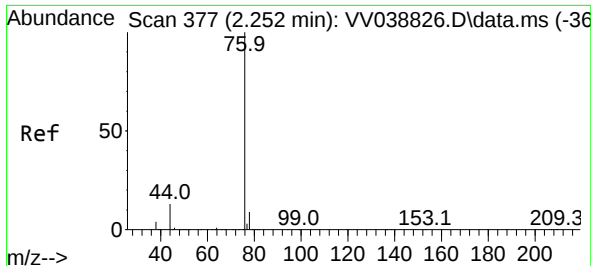


#16
Acetone
Concen: 678.709 ug/l
RT: 2.111 min Scan# 333
Delta R.T. -0.003 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49



Tgt Ion: 43 Resp: 2293127
Ion Ratio Lower Upper
43 100
58 32.0 25.7 38.5

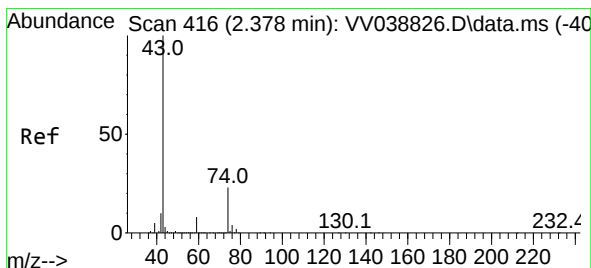
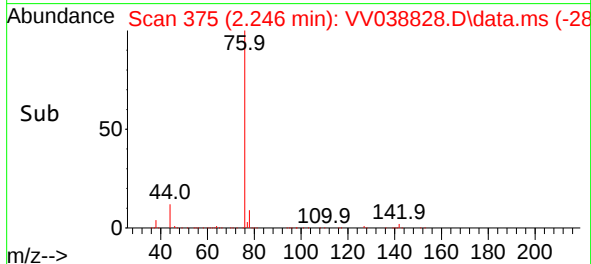
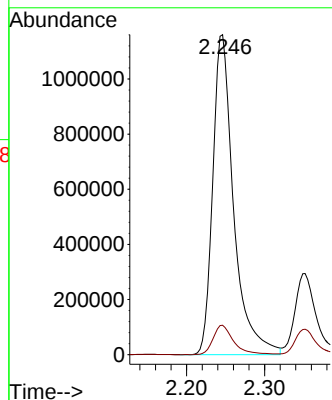
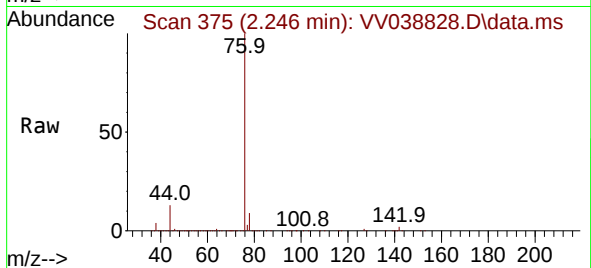




#17
Carbon Disulfide
Concen: 148.705 ug/l
RT: 2.246 min Scan# 31
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

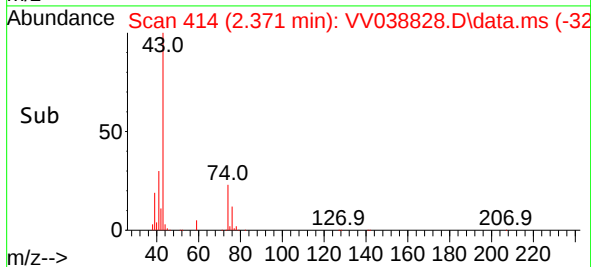
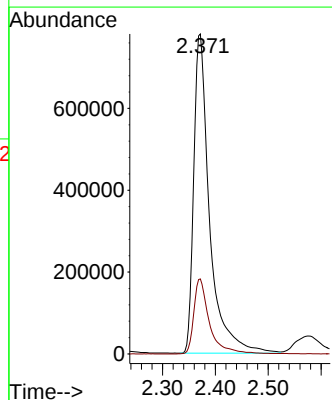
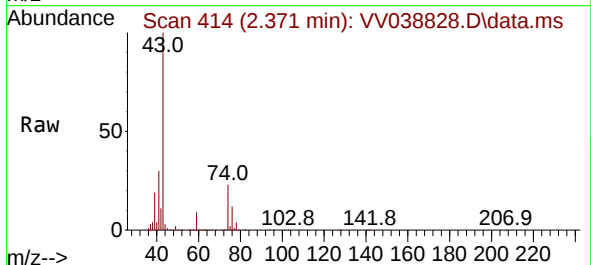
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC150

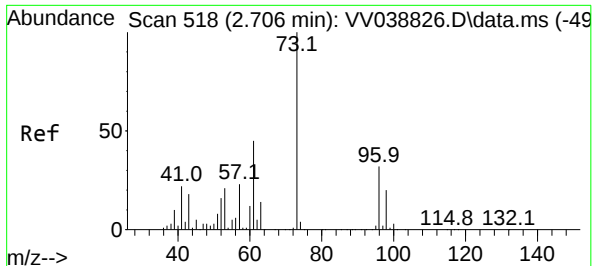
Tgt Ion: 76 Resp: 2162770
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7



#18
Methyl Acetate
Concen: 150.054 ug/l
RT: 2.371 min Scan# 414
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 43 Resp: 1624407
Ion Ratio Lower Upper
43 100
74 23.3 18.2 27.2

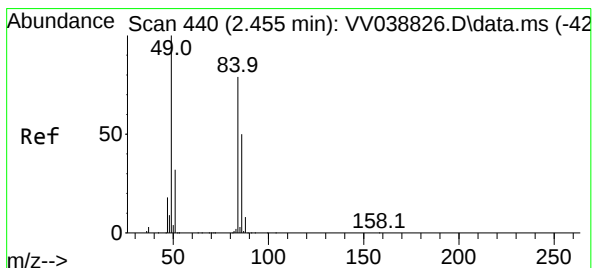
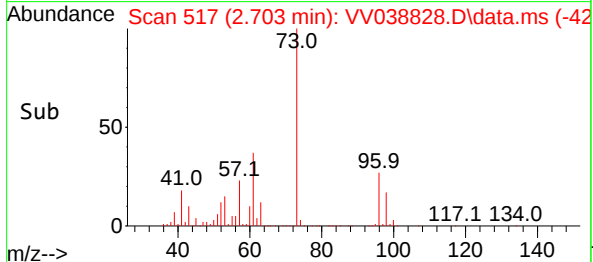
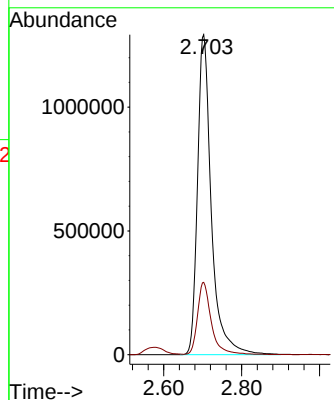
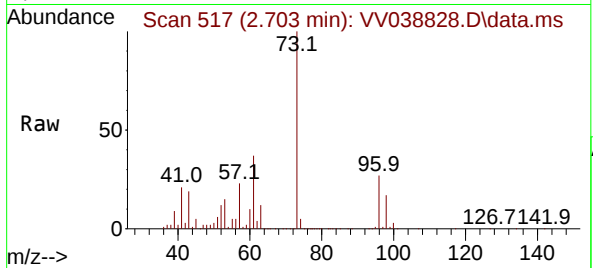




#19
Methyl tert-butyl Ether
Concen: 153.027 ug/l
RT: 2.703 min Scan# 518
Delta R.T. -0.003 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

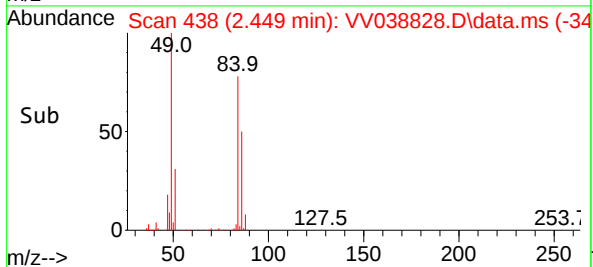
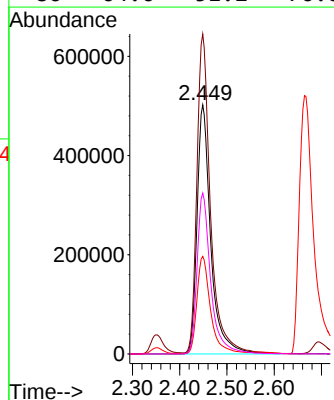
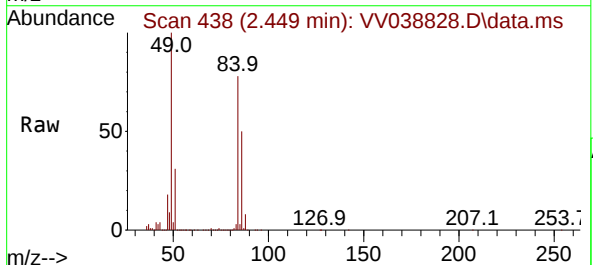
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

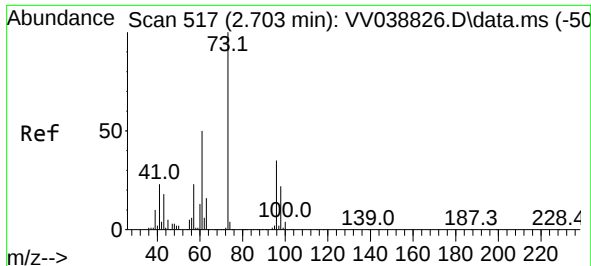
Tgt Ion: 73 Resp: 3183120
Ion Ratio Lower Upper
73 100
57 22.6 18.2 27.4



#20
Methylene Chloride
Concen: 128.905 ug/l
RT: 2.449 min Scan# 438
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 84 Resp: 1013708
Ion Ratio Lower Upper
84 100
49 128.2 101.4 152.2
51 39.0 32.3 48.5
86 64.6 51.2 76.8

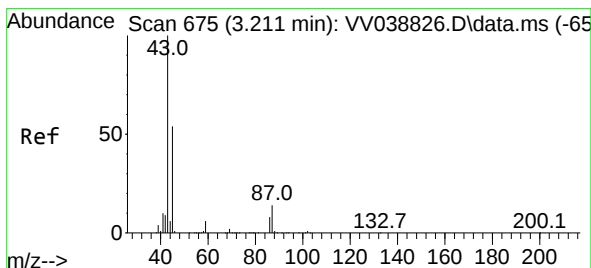
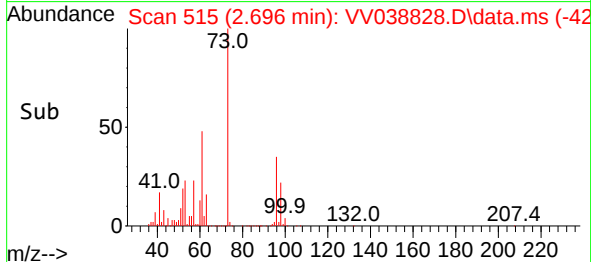
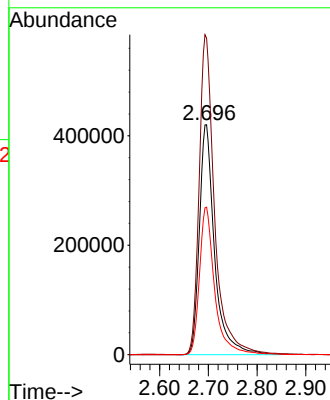
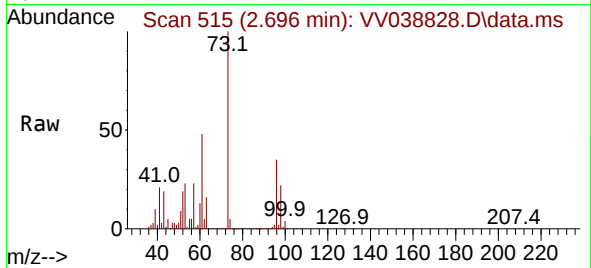




#21
trans-1,2-Dichloroethene
Concen: 133.698 ug/l
RT: 2.696 min Scan# 517
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

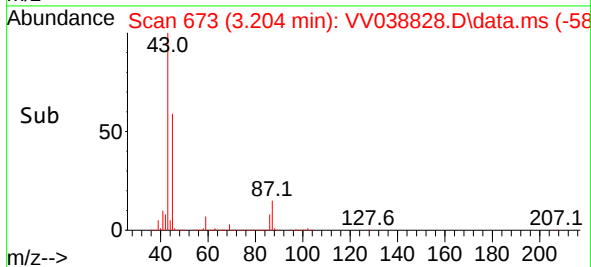
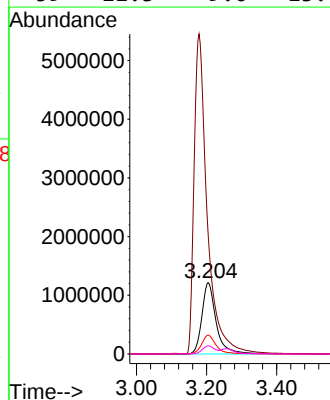
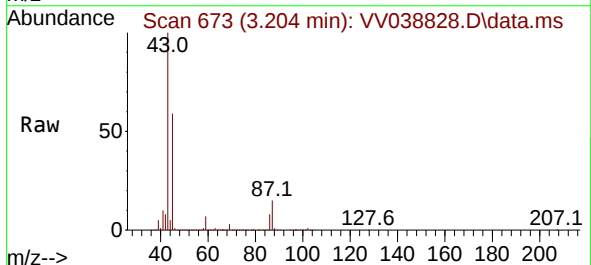
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

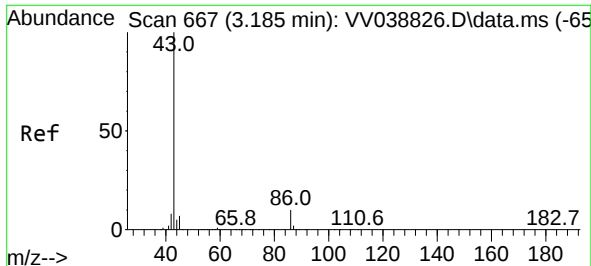
Tgt Ion: 96 Resp: 914583
Ion Ratio Lower Upper
96 100
61 137.6 112.6 169.0
98 64.1 49.6 74.4



#22
Diisopropyl ether
Concen: 152.123 ug/l
RT: 3.204 min Scan# 673
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 45 Resp: 3426527
Ion Ratio Lower Upper
45 100
43 170.3 148.7 223.1
87 26.3 21.0 31.4
59 11.3 9.0 13.4

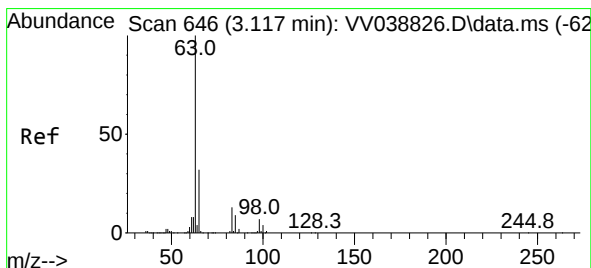
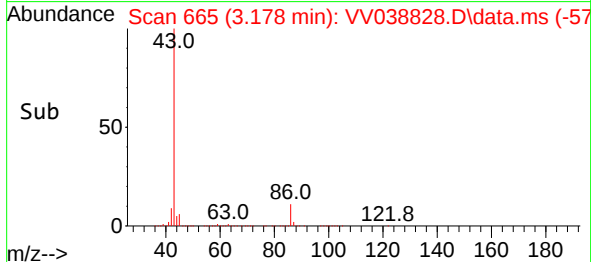
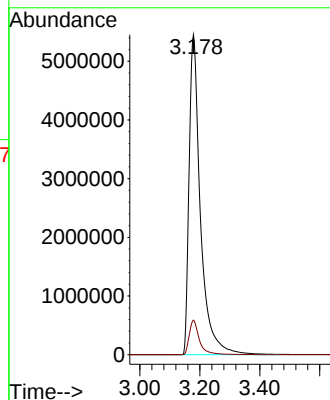
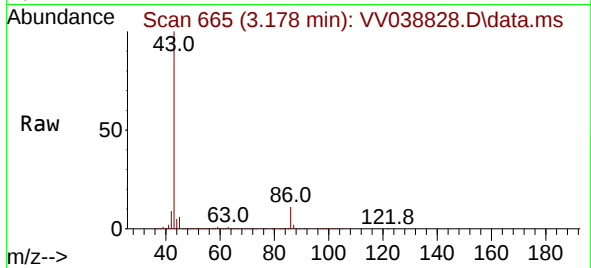




#23
 Vinyl Acetate
 Concen: 799.984 ug/l
 RT: 3.178 min Scan# 60
 Delta R.T. -0.006 min
 Lab File: VV038828.D
 Acq: 27 Jun 2025 11:49

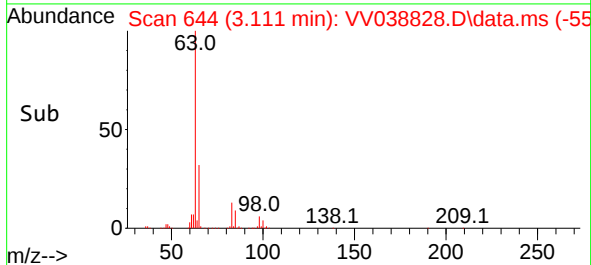
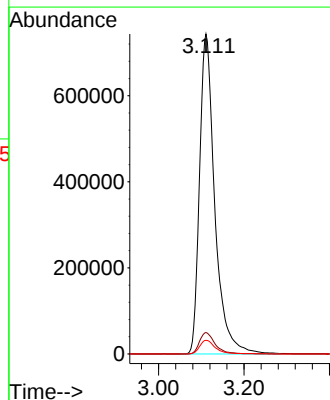
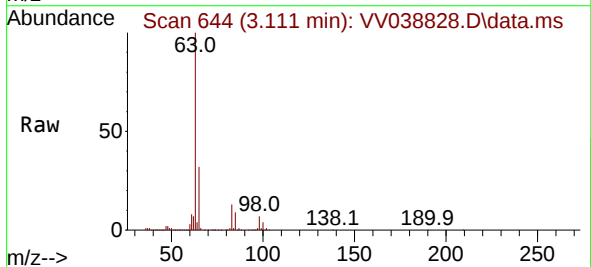
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC150

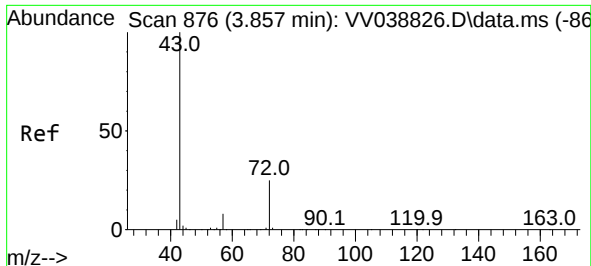
Tgt Ion: 43 Resp:14314259
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 136.612 ug/l
 RT: 3.111 min Scan# 644
 Delta R.T. -0.006 min
 Lab File: VV038828.D
 Acq: 27 Jun 2025 11:49

Tgt Ion: 63 Resp: 1845428
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.3 2.1 6.5

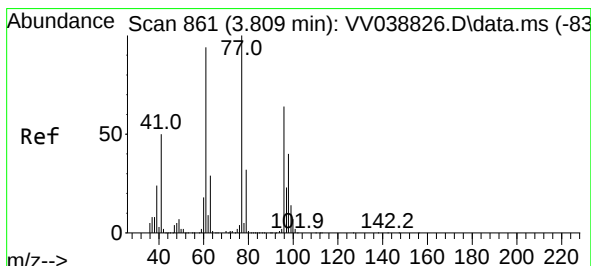
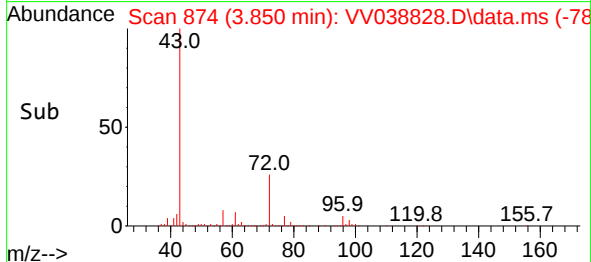
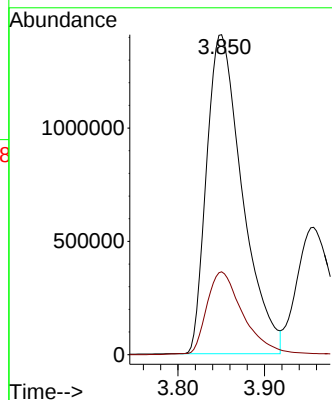
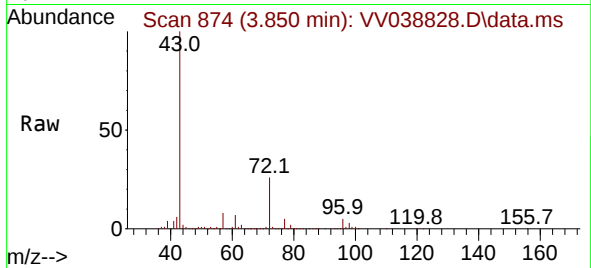




#25
2-Butanone
Concen: 798.627 ug/l
RT: 3.850 min Scan# 81
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

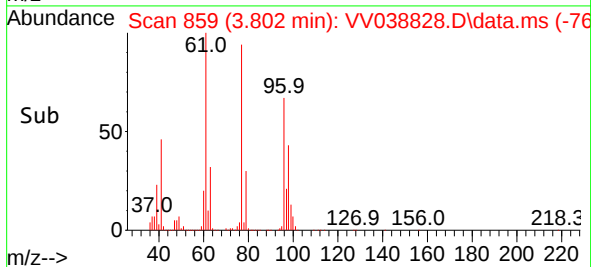
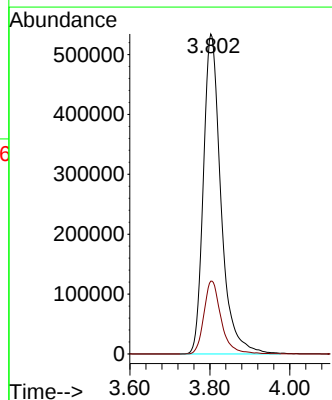
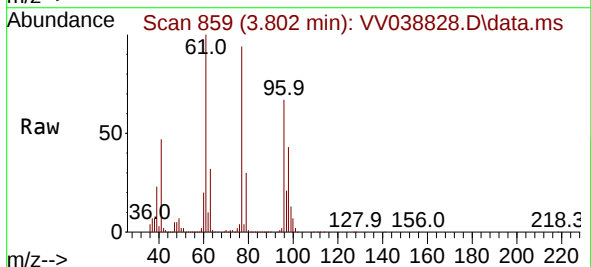
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC150

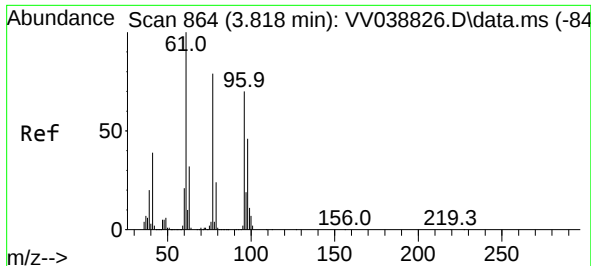
Tgt Ion: 43 Resp: 4035816
Ion Ratio Lower Upper
43 100
72 25.6 20.2 30.4



#26
2,2-Dichloropropane
Concen: 143.698 ug/l
RT: 3.802 min Scan# 859
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 77 Resp: 1634951
Ion Ratio Lower Upper
77 100
97 22.3 11.1 33.1



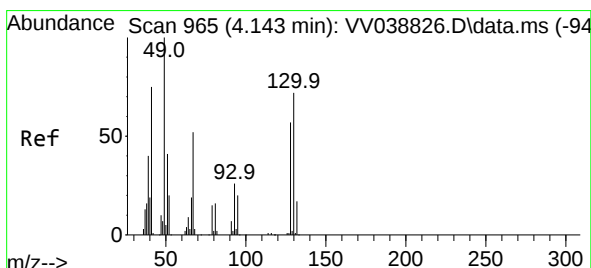
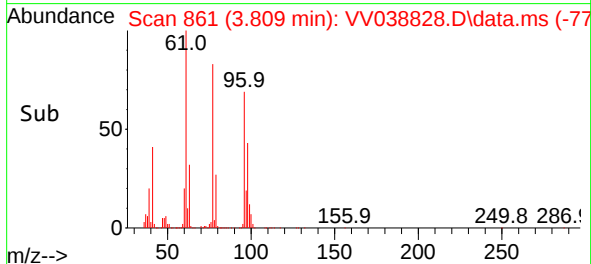
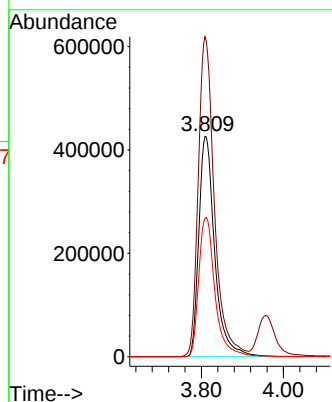
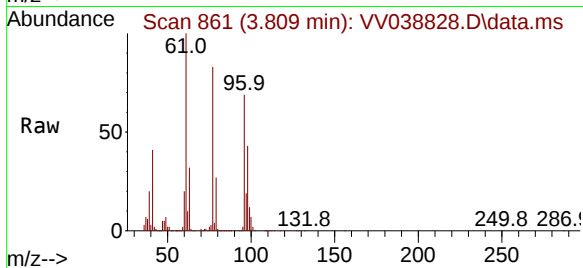


#27
 cis-1,2-Dichloroethene
 Concen: 144.699 ug/l
 RT: 3.809 min Scan# 80
 Delta R.T. -0.010 min
 Lab File: VV038828.D
 Acq: 27 Jun 2025 11:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 1147304

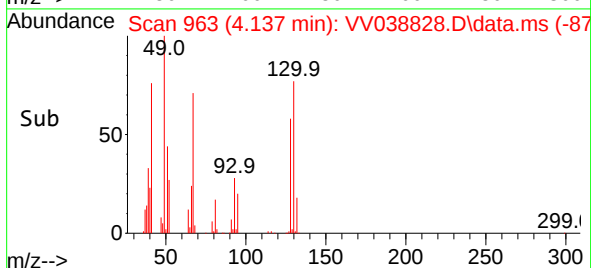
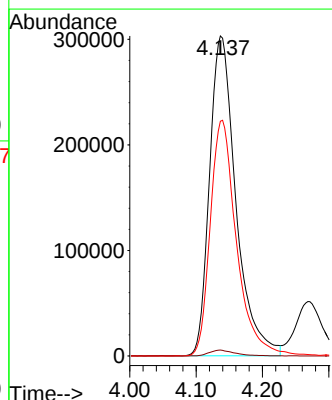
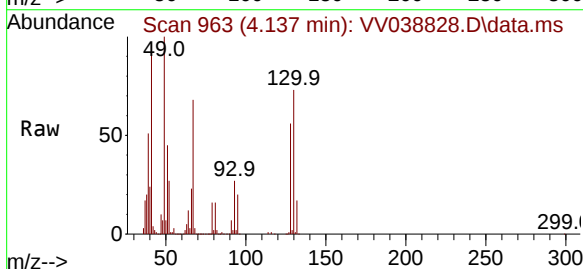
Ion	Ratio	Lower	Upper
96	100		
61	146.9	0.0	292.4
98	64.4	0.0	128.6

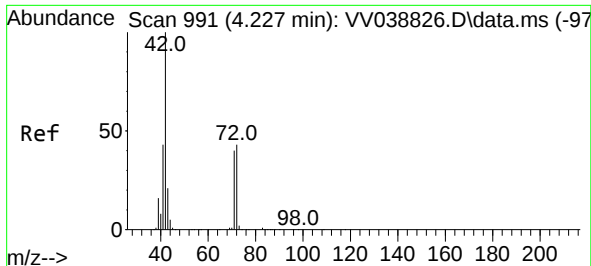


#28
 Bromochloromethane
 Concen: 132.871 ug/l
 RT: 4.137 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VV038828.D
 Acq: 27 Jun 2025 11:49

Tgt Ion: 49 Resp: 837693

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.8
130	73.7	58.8	88.2



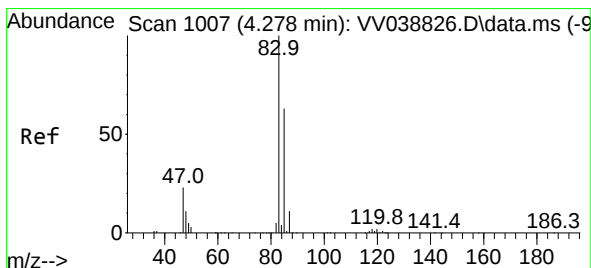
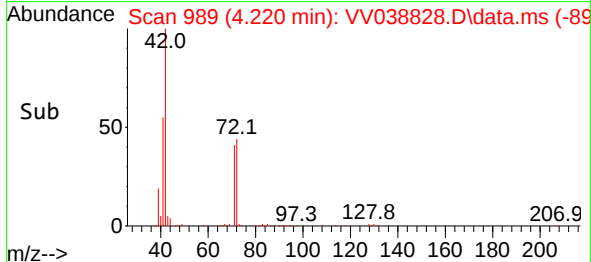
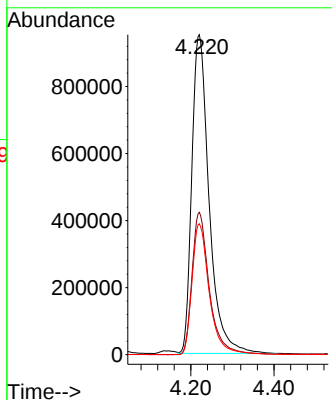
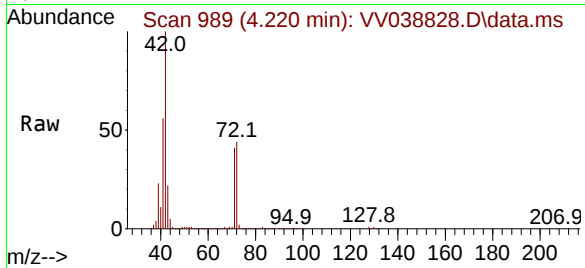


#29
Tetrahydrofuran
Concen: 746.842 ug/l
RT: 4.220 min Scan# 91
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

Tgt Ion: 42 Resp: 2747314

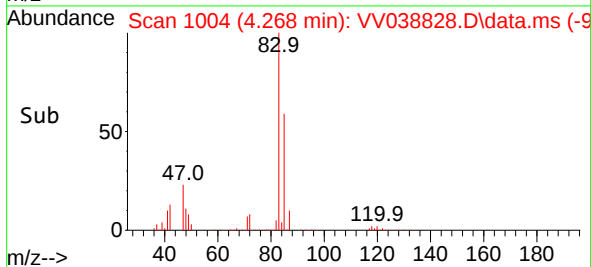
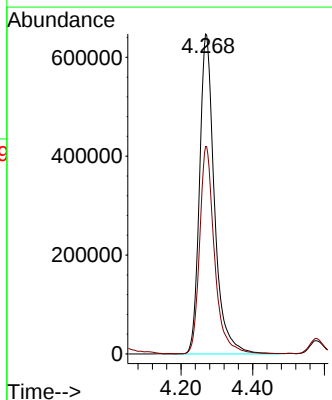
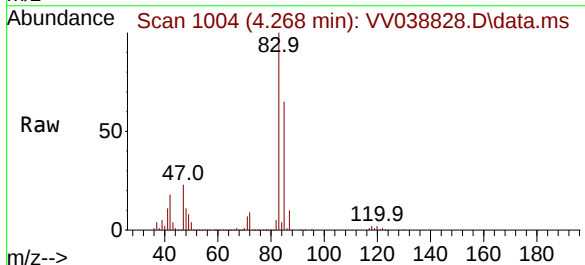
Ion	Ratio	Lower	Upper
42	100		
72	44.7	34.8	52.2
71	41.3	32.6	49.0

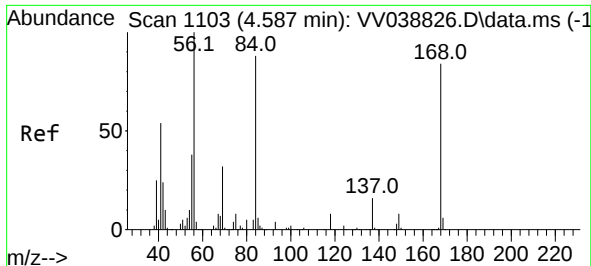


#30
Chloroform
Concen: 134.735 ug/l
RT: 4.268 min Scan# 1004
Delta R.T. -0.010 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 83 Resp: 1870267

Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.6	76.0

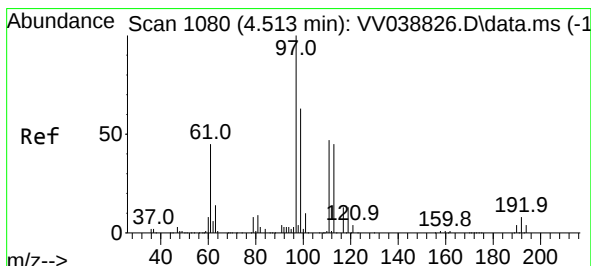
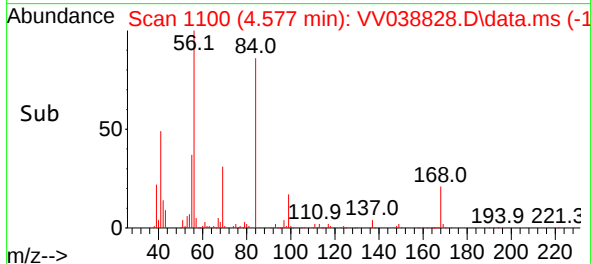
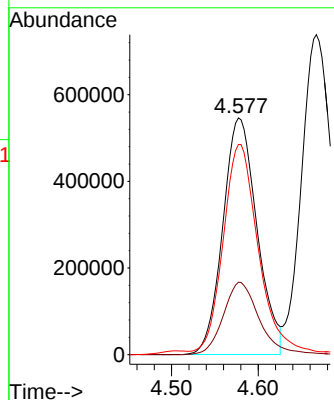
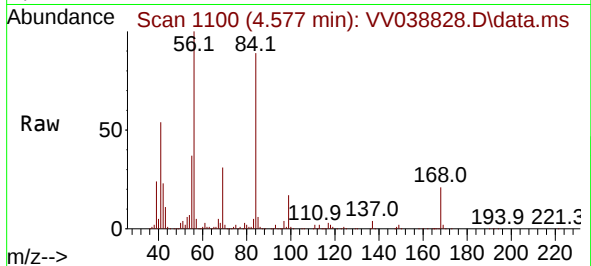




#31
Cyclohexane
Concen: 142.602 ug/l
RT: 4.577 min Scan# 1103
Delta R.T. -0.010 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

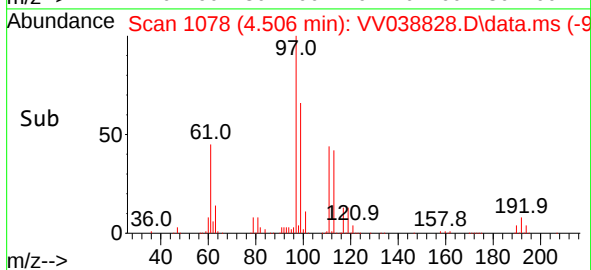
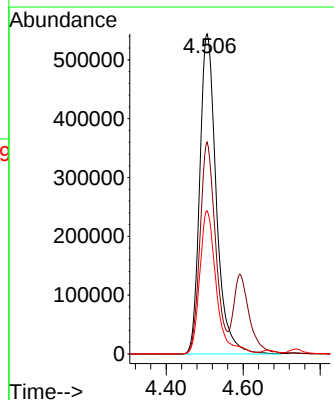
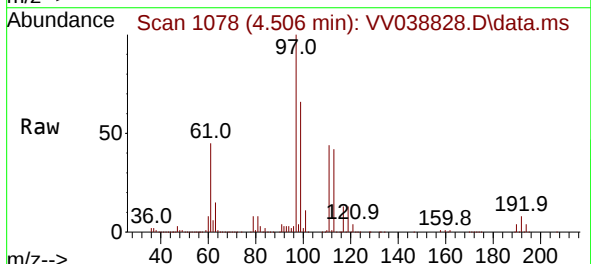
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

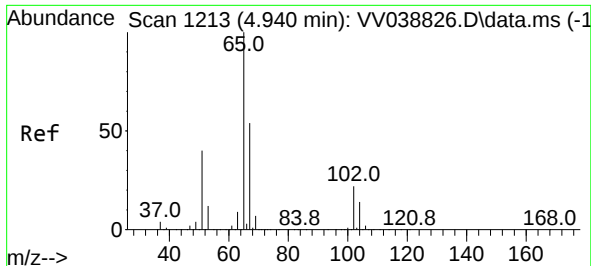
Tgt Ion: 56 Resp: 1497725
Ion Ratio Lower Upper
56 100
69 30.6 25.4 38.0
84 87.3 70.2 105.4



#32
1,1,1-Trichloroethane
Concen: 135.960 ug/l
RT: 4.506 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 97 Resp: 1622494
Ion Ratio Lower Upper
97 100
99 62.2 48.9 73.3
61 45.1 34.6 51.8





#33

1,2-Dichloroethane-d4

Concen: 138.214 ug/l

RT: 4.934 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

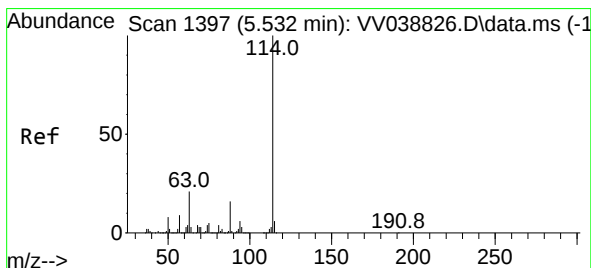
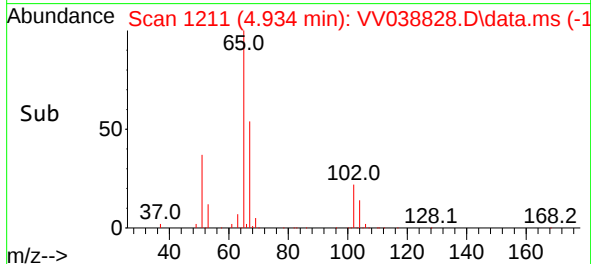
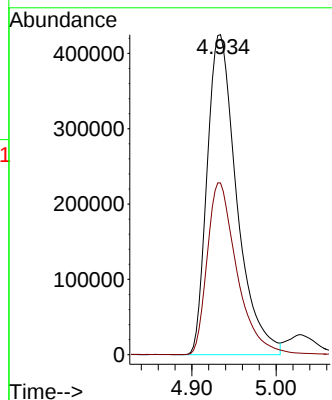
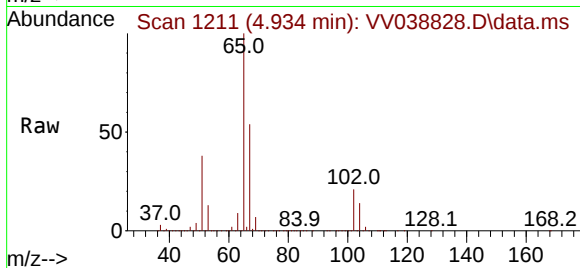
VSTDIC150

Tgt Ion: 65 Resp: 1038382

Ion Ratio Lower Upper

65 100

67 54.0 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.526 min Scan# 1395

Delta R.T. -0.006 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

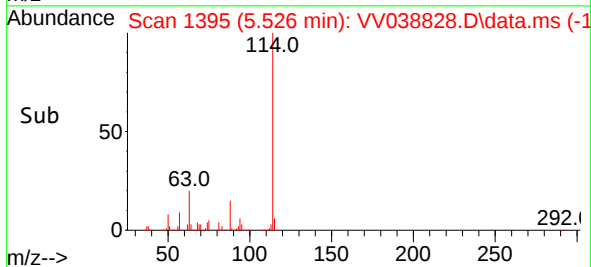
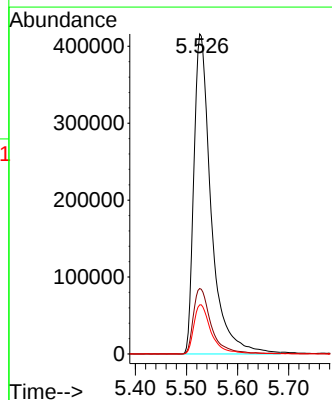
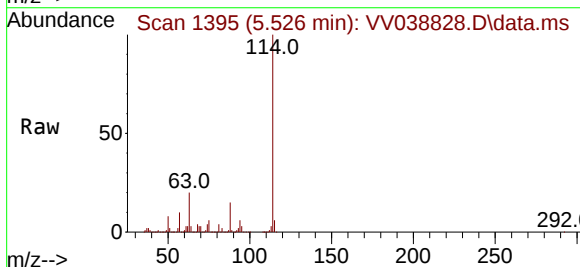
Tgt Ion: 114 Resp: 978685

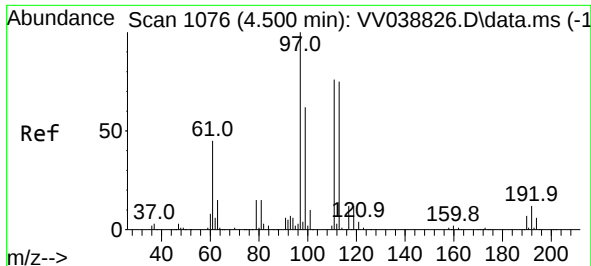
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 15.3 0.0 31.0

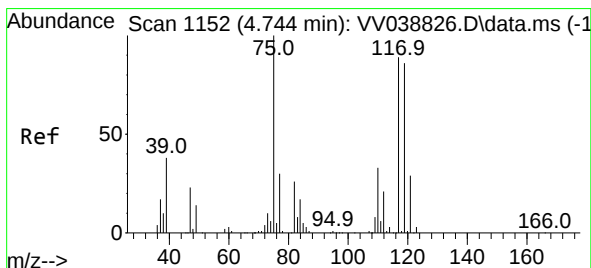
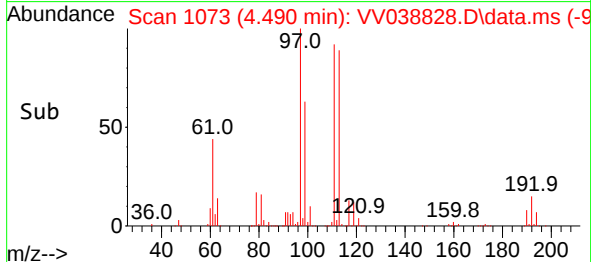
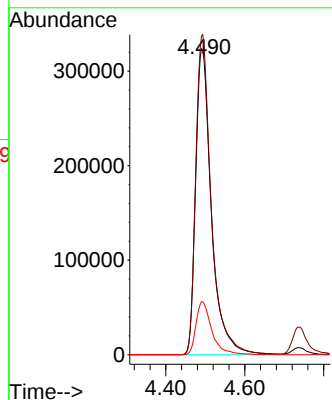
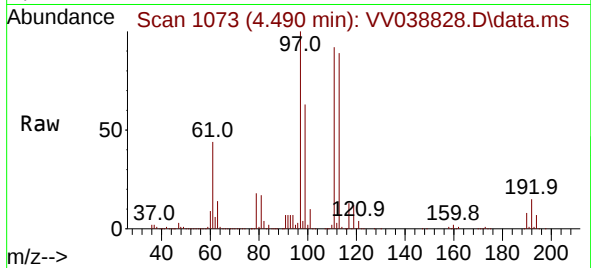




#35
Dibromofluoromethane
Concen: 141.035 ug/l
RT: 4.490 min Scan# 1076
Delta R.T. -0.010 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

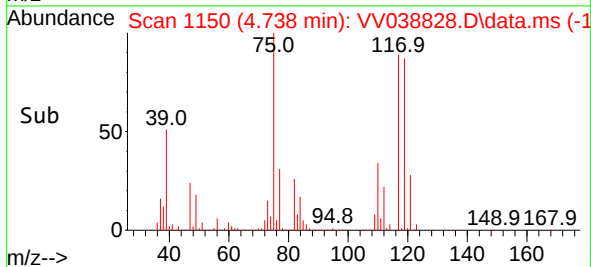
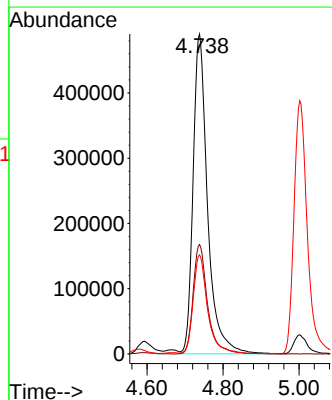
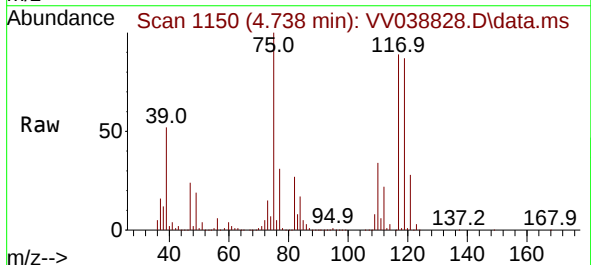
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

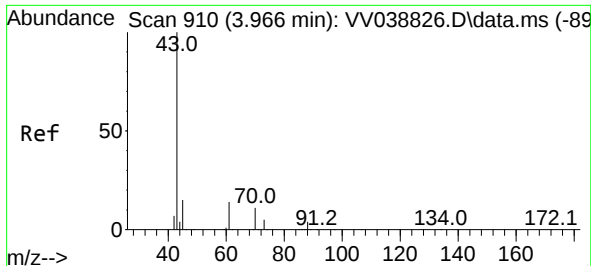
Tgt Ion:113 Resp: 895536
Ion Ratio Lower Upper
113 100
111 103.7 83.0 124.4
192 17.3 13.7 20.5



#36
1,1-Dichloropropene
Concen: 139.043 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 75 Resp: 1293515
Ion Ratio Lower Upper
75 100
110 34.3 17.4 52.3
77 30.3 24.4 36.6

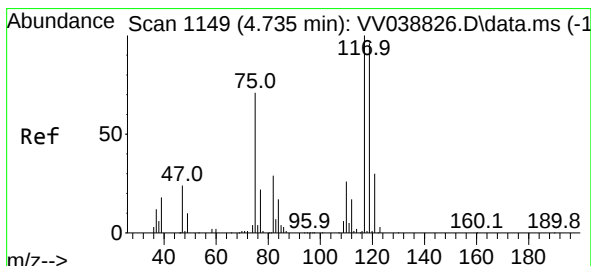
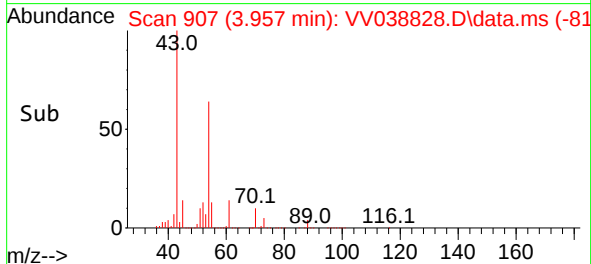
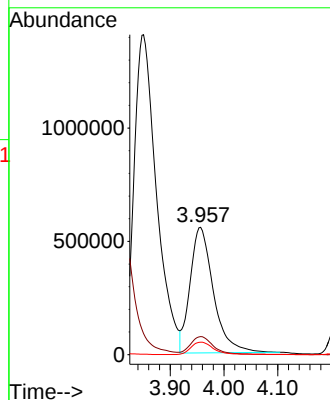
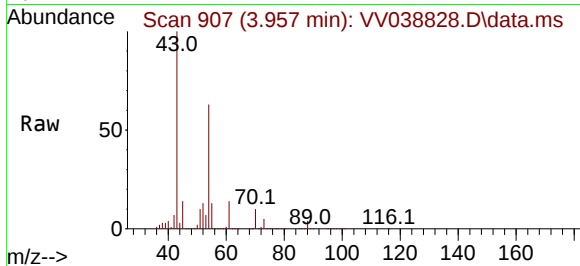




#37
Ethyl Acetate
Concen: 133.949 ug/l
RT: 3.957 min Scan# 907
Delta R.T. -0.010 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

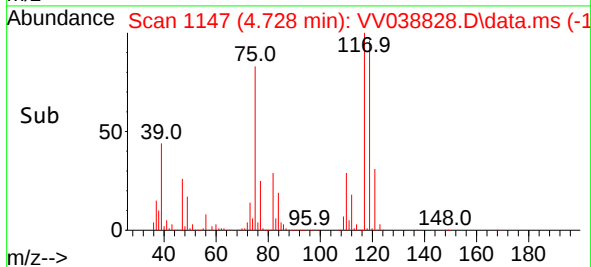
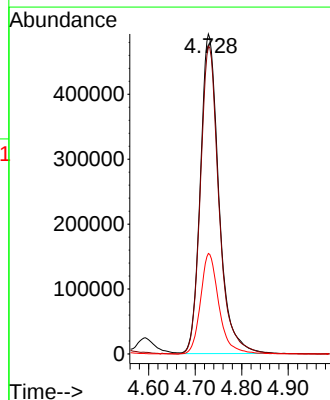
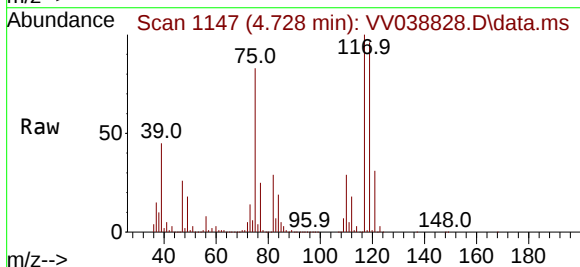
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

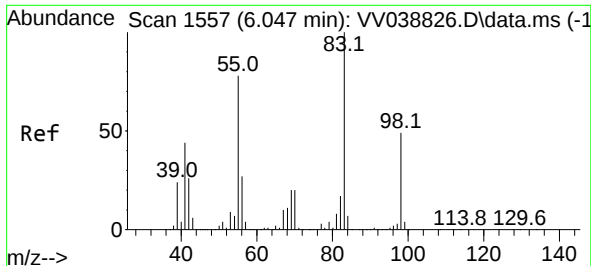
Tgt Ion: 43 Resp: 1672659
Ion Ratio Lower Upper
43 100
61 14.0 9.9 14.9
70 9.7 7.1 10.7



#38
Carbon Tetrachloride
Concen: 137.827 ug/l
RT: 4.728 min Scan# 1147
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 117 Resp: 1364705
Ion Ratio Lower Upper
117 100
119 96.3 76.4 114.6
121 31.4 24.0 36.0





#39

Methylcyclohexane

Concen: 159.523 ug/l

RT: 6.043 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Instrument :

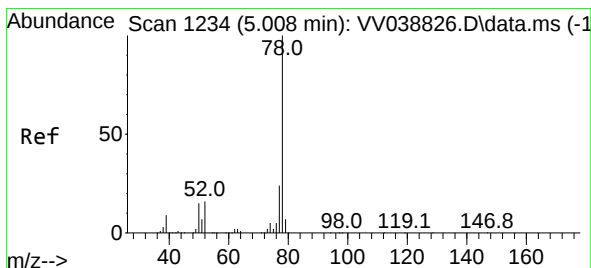
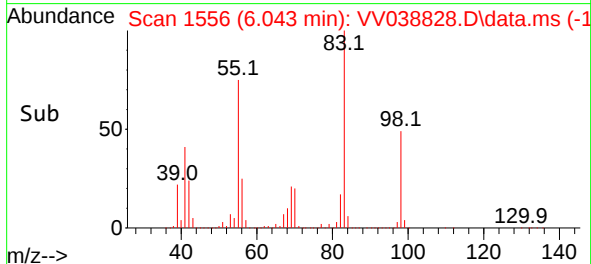
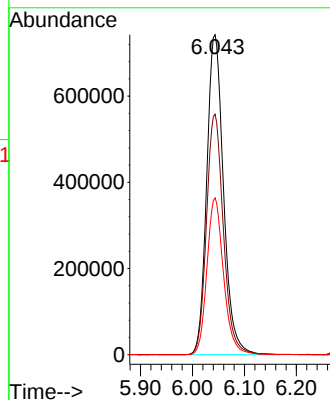
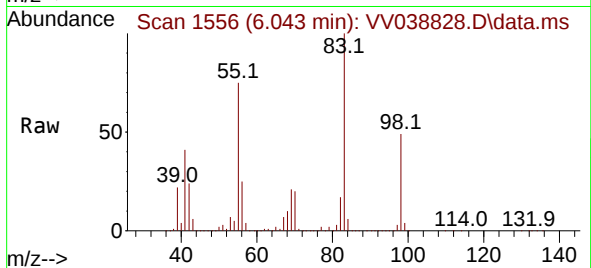
MSVOA_V

ClientSampleId :

VSTDIC150

Tgt Ion: 83 Resp: 1665182

Ion	Ratio	Lower	Upper
83	100		
55	75.1	62.4	93.6
98	49.0	39.1	58.7



#40

Benzene

Concen: 142.576 ug/l

RT: 5.002 min Scan# 1232

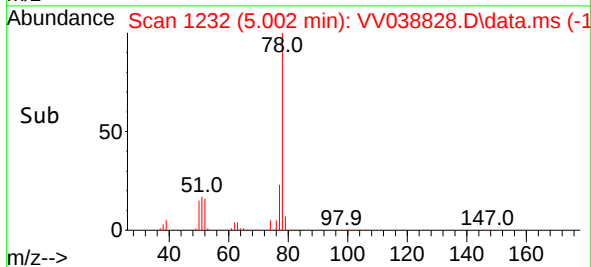
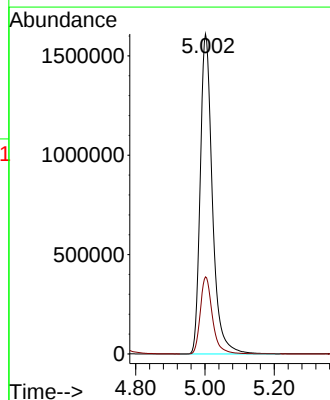
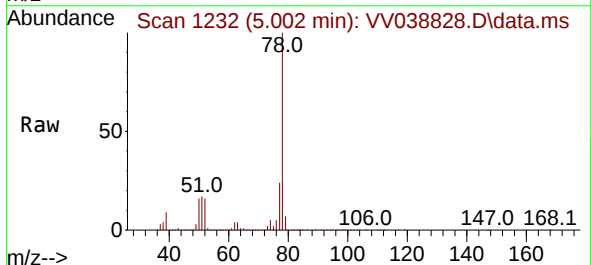
Delta R.T. -0.006 min

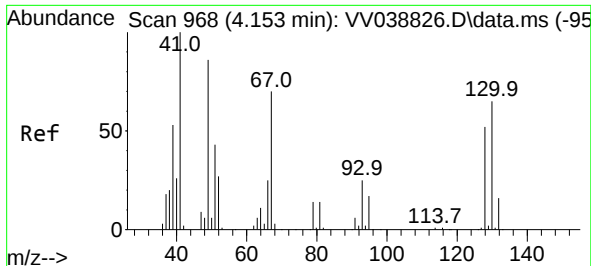
Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Tgt Ion: 78 Resp: 3924209

Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.3	28.9

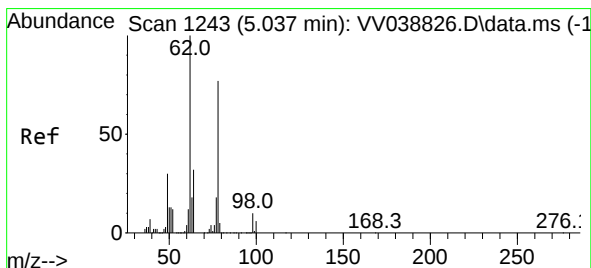
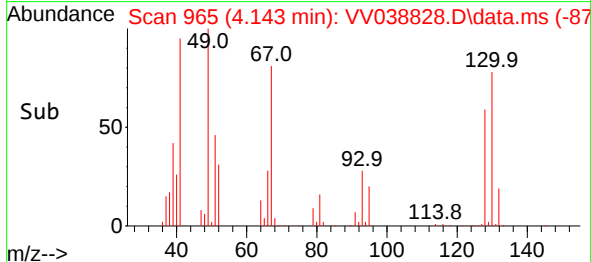
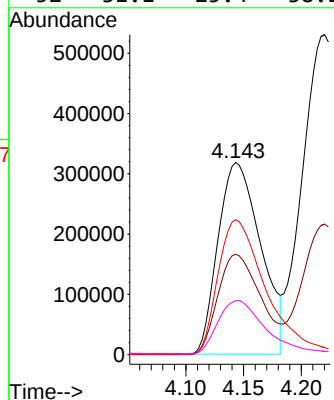
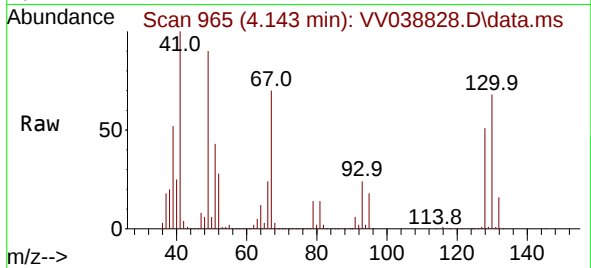




#41
Methacrylonitrile
Concen: 149.553 ug/l
RT: 4.143 min Scan# 965
Delta R.T. -0.010 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

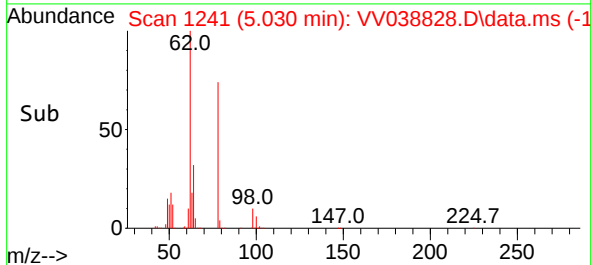
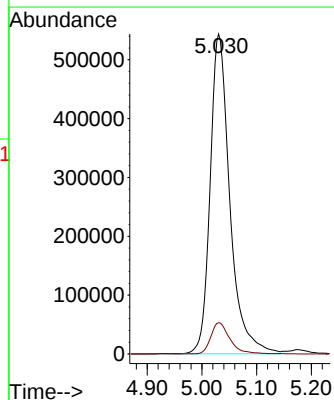
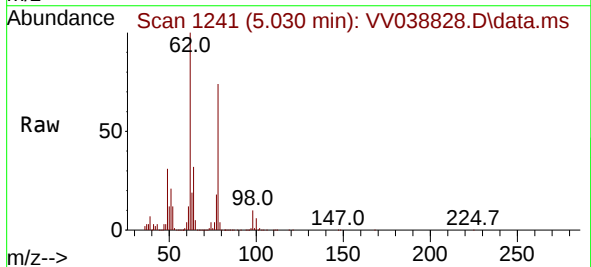
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC150

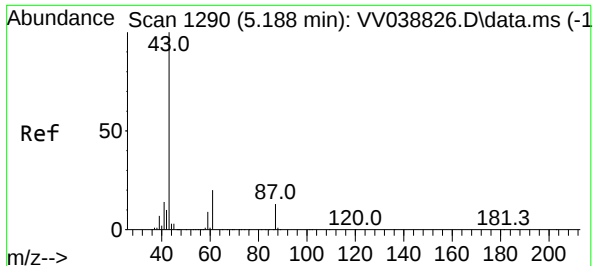
Tgt Ion: 41 Resp: 819558
Ion Ratio Lower Upper
41 100
39 51.9 42.2 63.2
67 80.7 68.2 102.4
52 31.1 25.4 38.2



#42
1,2-Dichloroethane
Concen: 136.907 ug/l
RT: 5.030 min Scan# 1241
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 62 Resp: 1359159
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.8

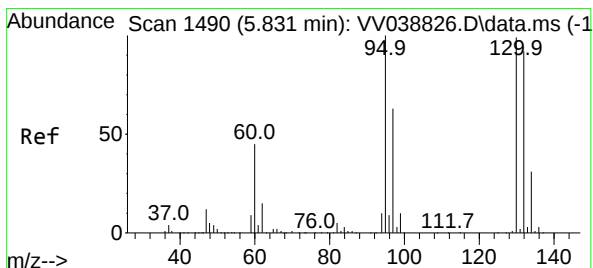
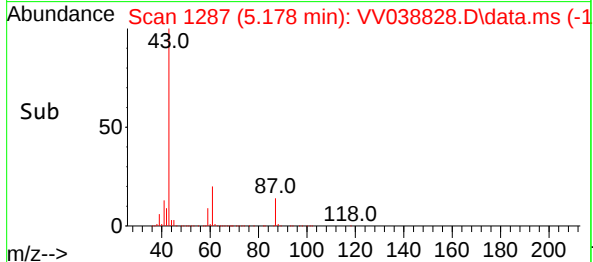
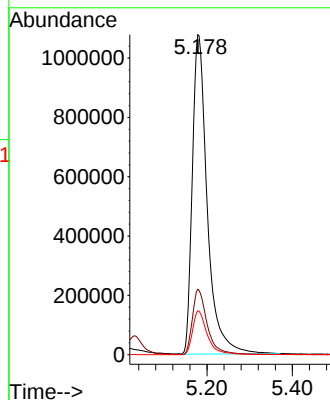
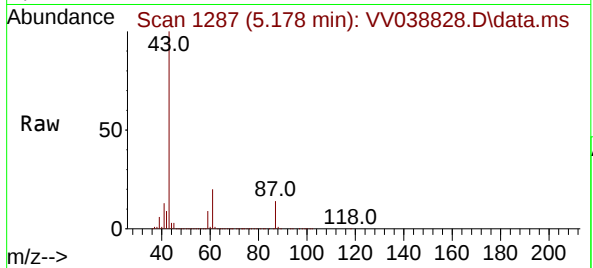




#43
Isopropyl Acetate
Concen: 172.575 ug/l
RT: 5.178 min Scan# 11
Delta R.T. -0.010 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

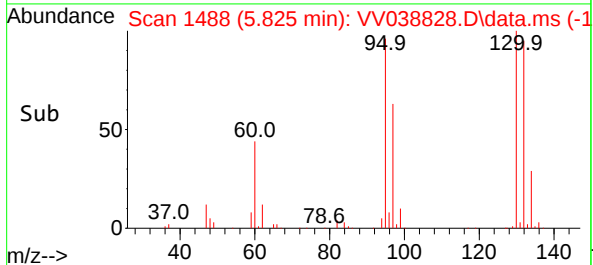
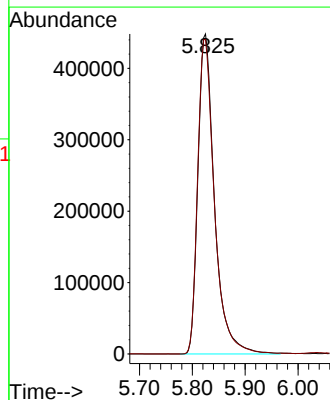
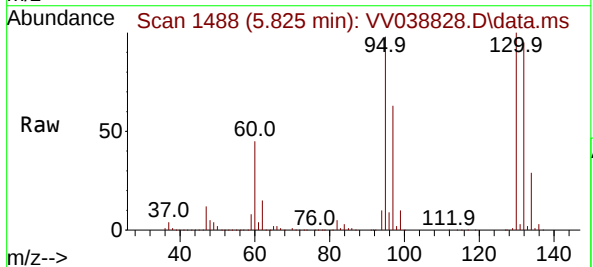
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

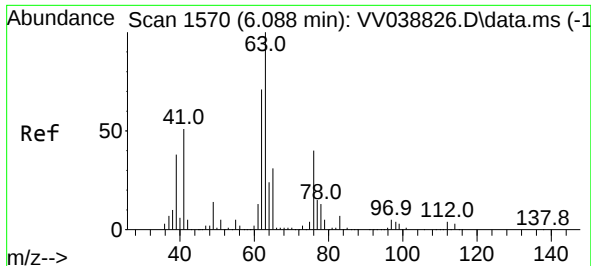
Tgt Ion: 43 Resp: 2619570
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.2
87 13.4 10.1 15.1



#44
Trichloroethene
Concen: 147.876 ug/l
RT: 5.825 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion:130 Resp: 976796
Ion Ratio Lower Upper
130 100
95 98.3 0.0 201.6

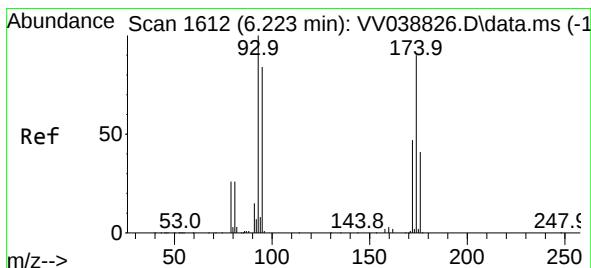
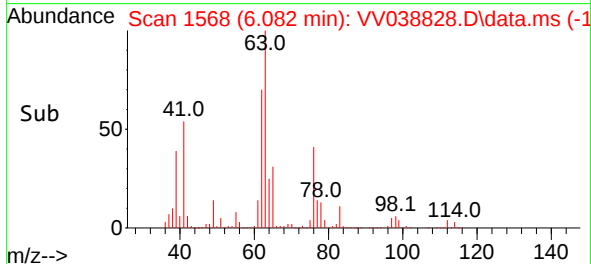
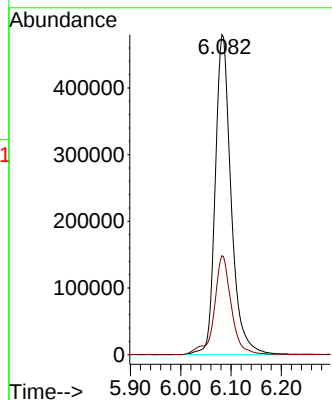
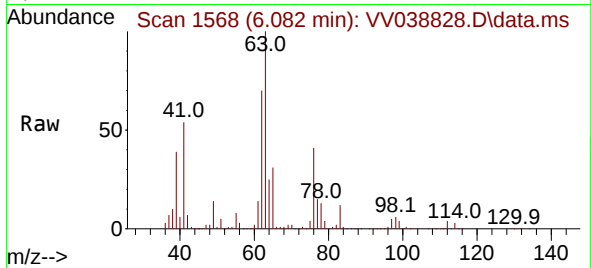




#45
1,2-Dichloropropane
Concen: 145.401 ug/l
RT: 6.082 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

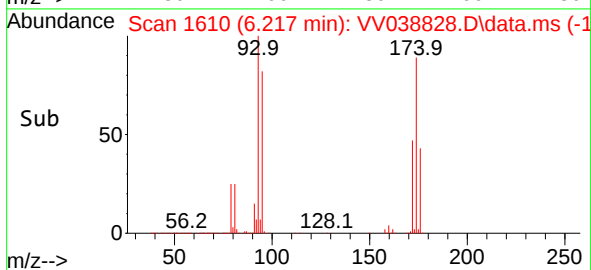
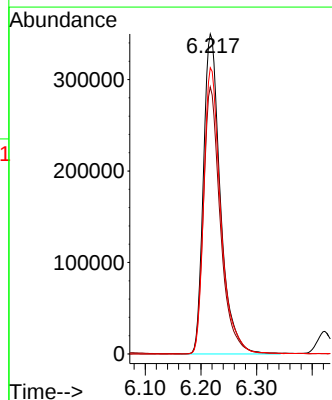
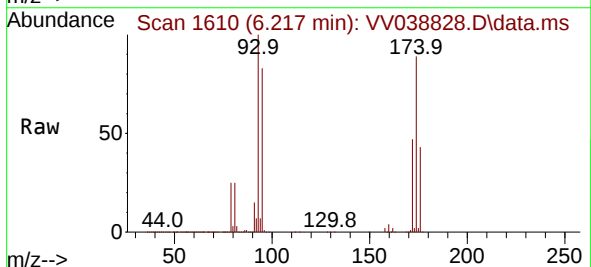
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC150

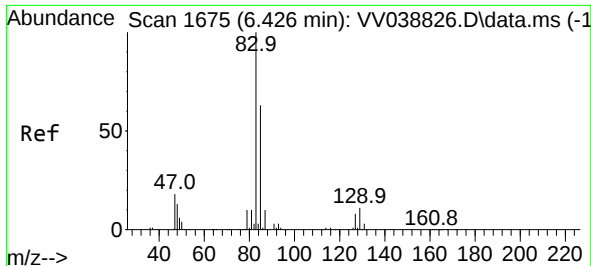
Tgt Ion: 63 Resp: 1052124
Ion Ratio Lower Upper
63 100
65 30.9 24.3 36.5



#46
Dibromomethane
Concen: 139.403 ug/l
RT: 6.217 min Scan# 1610
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 93 Resp: 739960
Ion Ratio Lower Upper
93 100
95 82.6 66.9 100.3
174 89.3 71.4 107.0

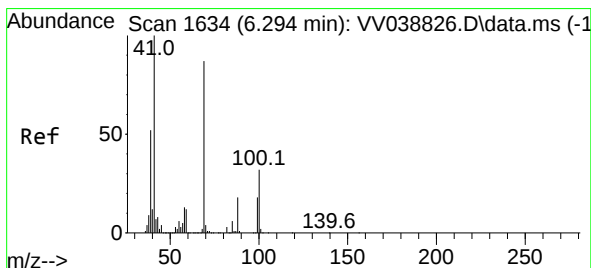
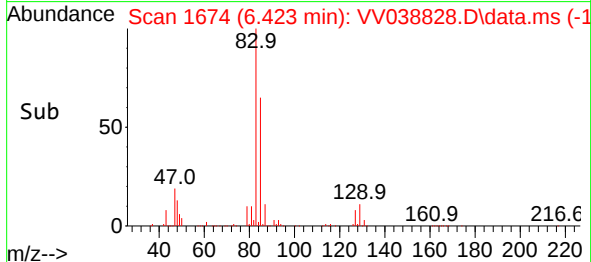
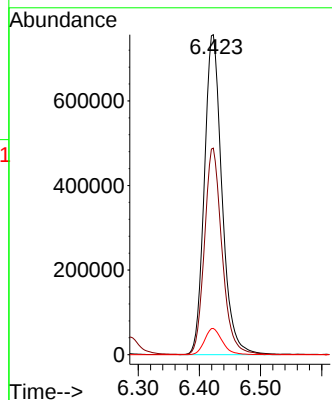
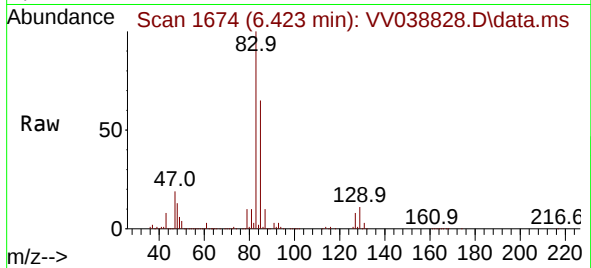




#47
Bromodichloromethane
Concen: 141.333 ug/l
RT: 6.423 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

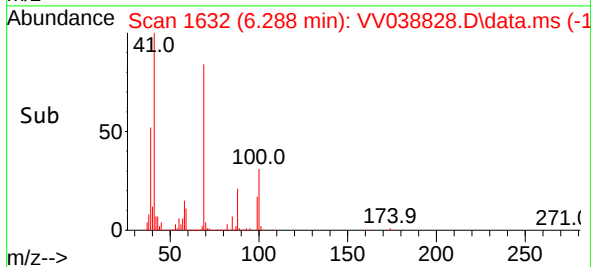
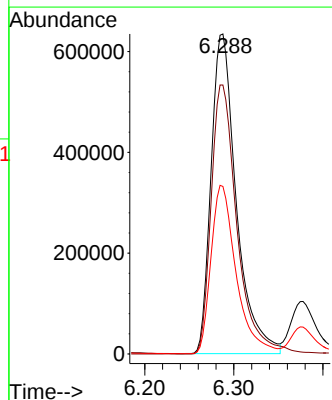
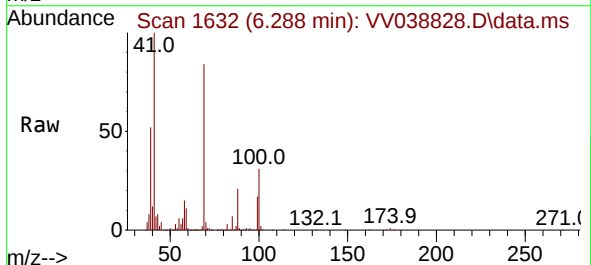
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

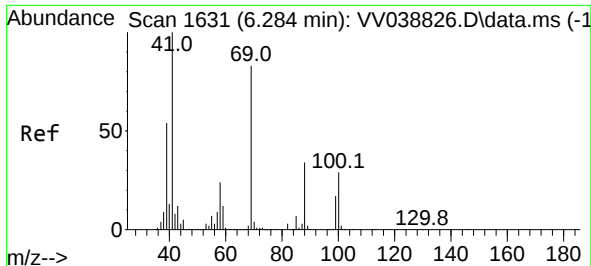
Tgt Ion: 83 Resp: 1515049
Ion Ratio Lower Upper
83 100
85 64.5 50.7 76.1
127 8.2 6.2 9.2



#48
Methyl methacrylate
Concen: 173.595 ug/l
RT: 6.288 min Scan# 1632
Delta R.T. -0.006 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 41 Resp: 1248876
Ion Ratio Lower Upper
41 100
69 86.7 70.4 105.6
39 52.4 42.3 63.5





#49

1,4-Dioxane

Concen: 3162.042 ug/l

RT: 6.284 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

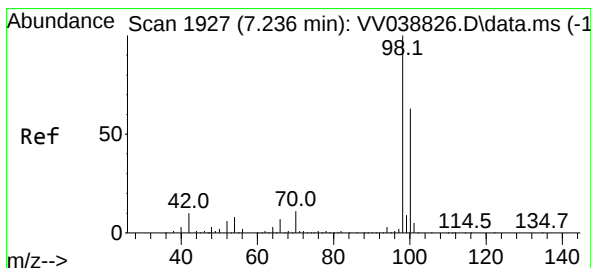
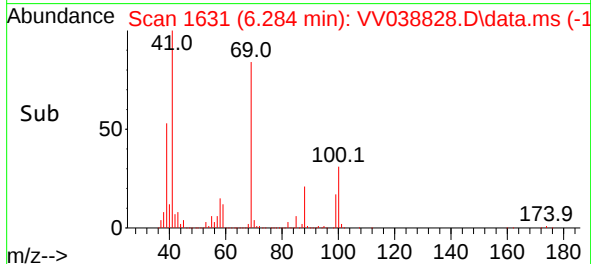
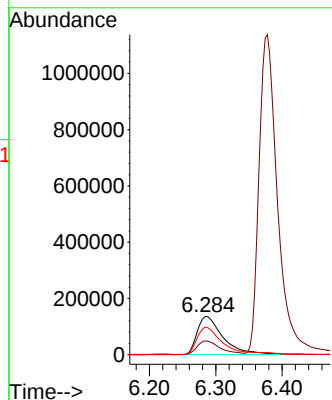
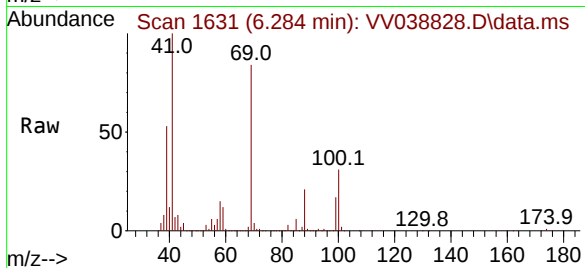
Tgt Ion: 88 Resp: 366187

Ion Ratio Lower Upper

88 100

43 31.7 30.4 45.6

58 69.0 59.6 89.4



#50

Toluene-d8

Concen: 139.751 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038828.D

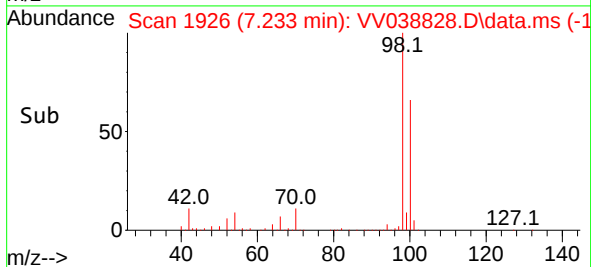
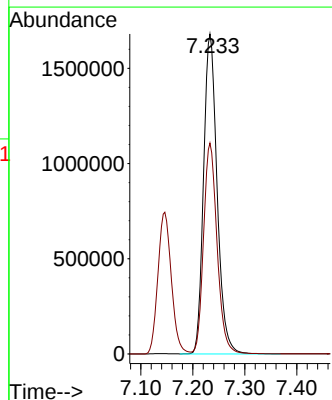
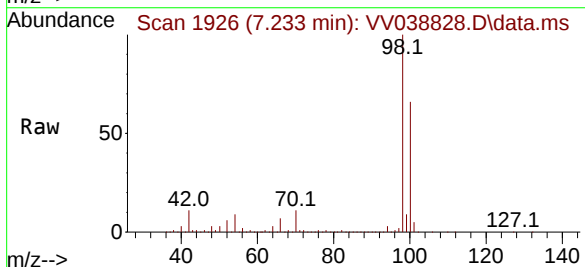
Acq: 27 Jun 2025 11:49

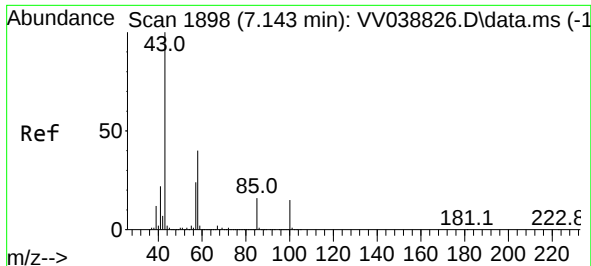
Tgt Ion: 98 Resp: 3031985

Ion Ratio Lower Upper

98 100

100 65.9 51.7 77.5





#51

4-Methyl-2-Pentanone

Concen: 759.884 ug/l

RT: 7.146 min Scan# 1898

Delta R.T. 0.003 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

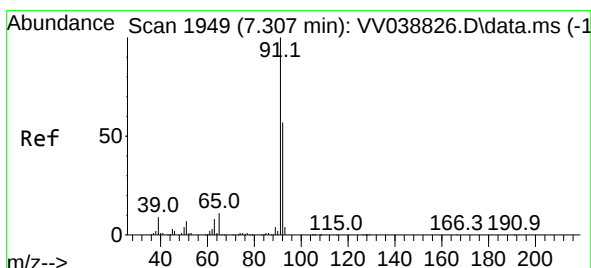
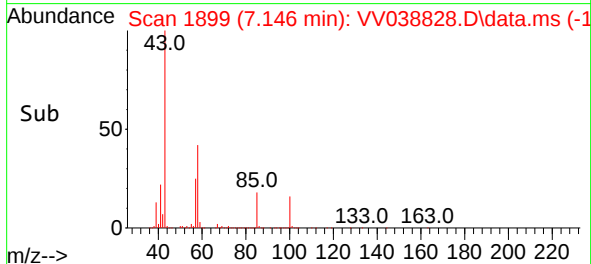
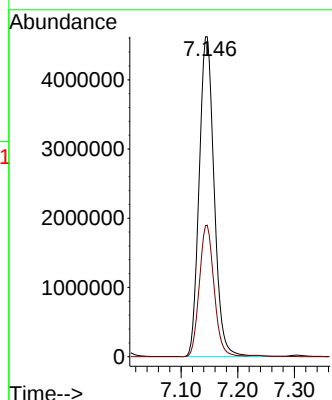
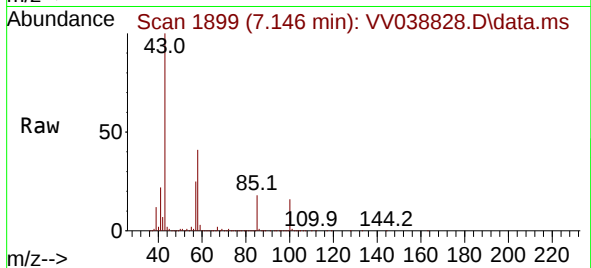
VSTDIC150

Tgt Ion: 43 Resp: 8492183

Ion Ratio Lower Upper

43 100

58 40.4 31.4 47.2



#52

Toluene

Concen: 148.092 ug/l

RT: 7.304 min Scan# 1948

Delta R.T. -0.003 min

Lab File: VV038828.D

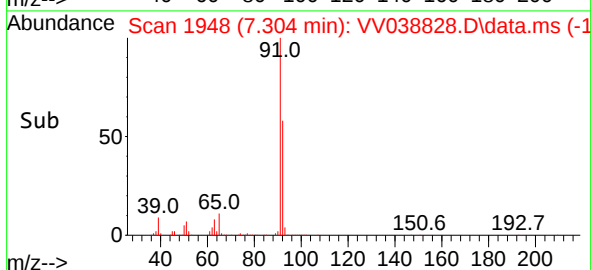
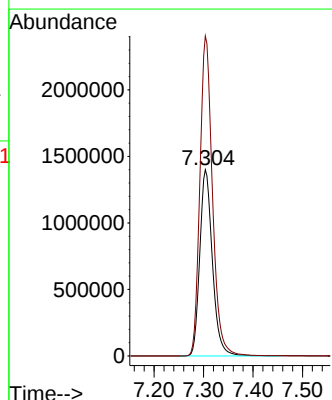
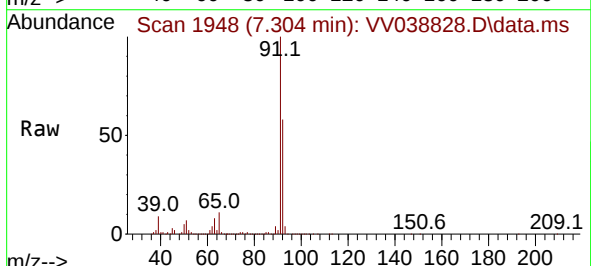
Acq: 27 Jun 2025 11:49

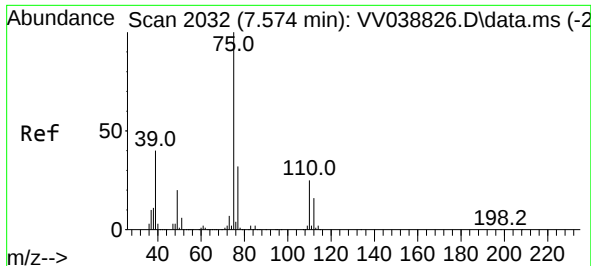
Tgt Ion: 92 Resp: 2484770

Ion Ratio Lower Upper

92 100

91 171.4 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 161.506 ug/l

RT: 7.567 min Scan# 2032

Delta R.T. -0.007 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

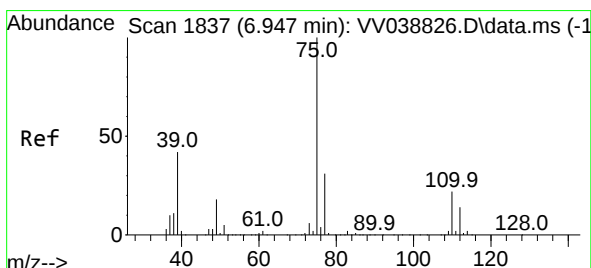
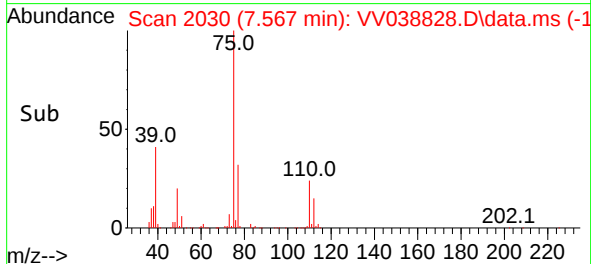
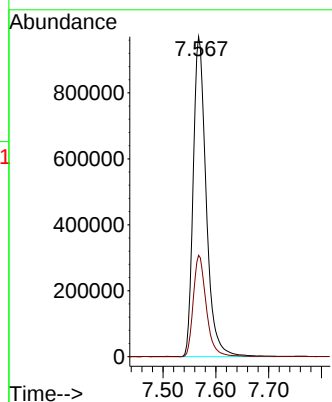
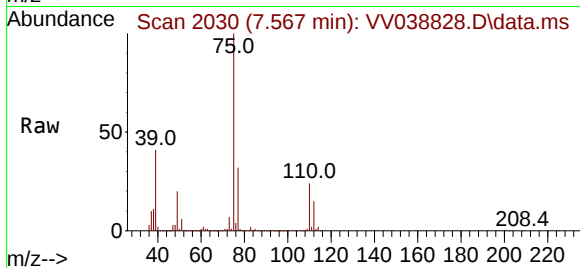
VSTDIC150

Tgt Ion: 75 Resp: 1650529

Ion Ratio Lower Upper

75 100

77 31.7 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 154.161 ug/l

RT: 6.940 min Scan# 1835

Delta R.T. -0.007 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

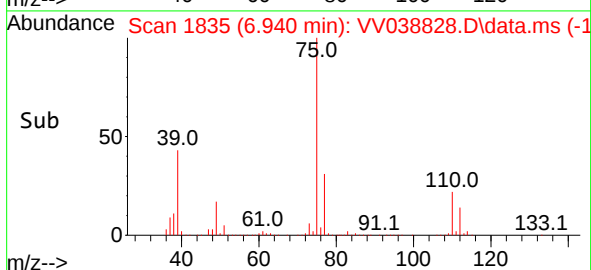
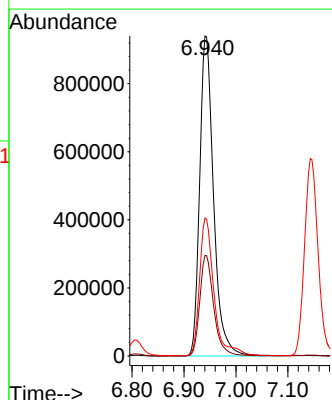
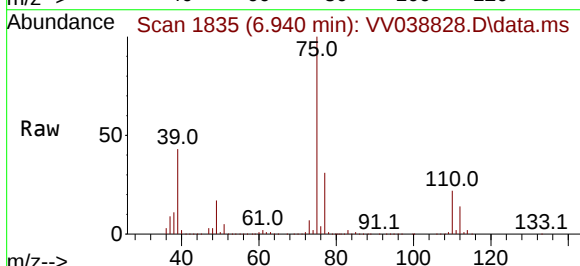
Tgt Ion: 75 Resp: 1742639

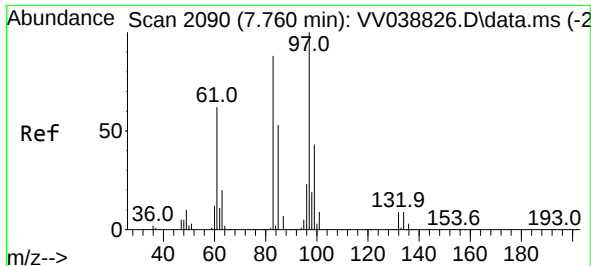
Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7

39 43.0 33.8 50.6



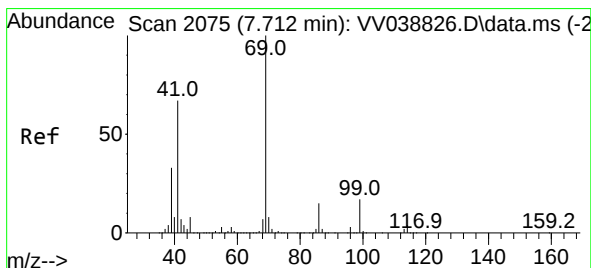
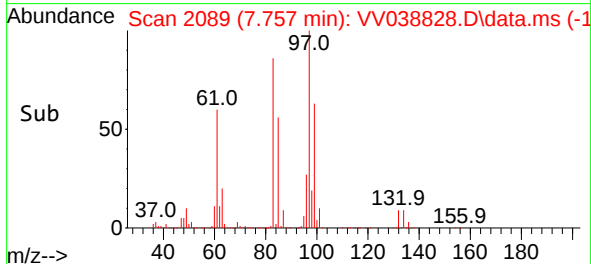
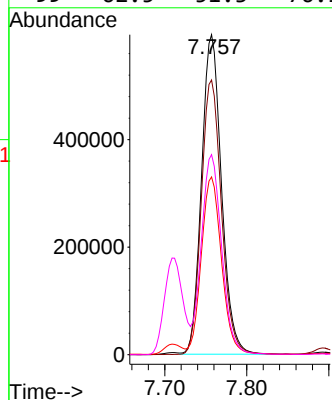
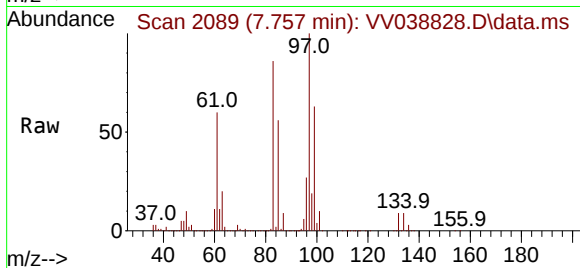


#55
 1,1,2-Trichloroethane
 Concen: 138.745 ug/l
 RT: 7.757 min Scan# 2090
 Delta R.T. -0.003 min
 Lab File: VV038828.D
 Acq: 27 Jun 2025 11:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC150

Tgt Ion: 97 Resp: 1004483

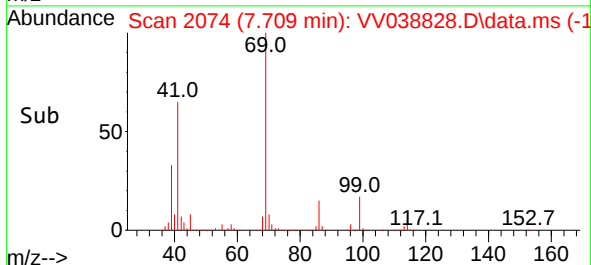
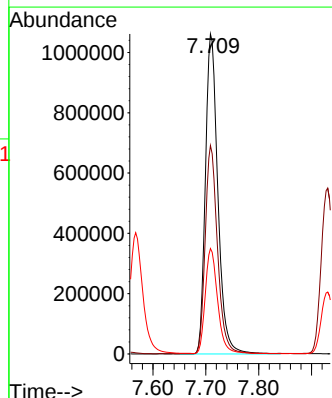
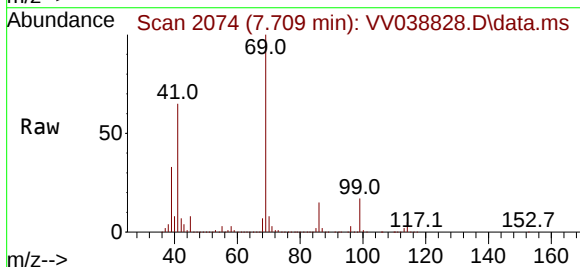
Ion	Ratio	Lower	Upper
97	100		
83	85.8	69.9	104.9
85	55.5	44.2	66.4
99	62.5	51.3	76.9

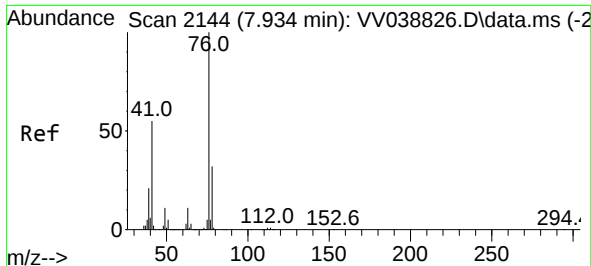


#56
 Ethyl methacrylate
 Concen: 175.861 ug/l
 RT: 7.709 min Scan# 2074
 Delta R.T. -0.003 min
 Lab File: VV038828.D
 Acq: 27 Jun 2025 11:49

Tgt Ion: 69 Resp: 1734527

Ion	Ratio	Lower	Upper
69	100		
41	64.3	52.2	78.4
39	32.5	26.1	39.1

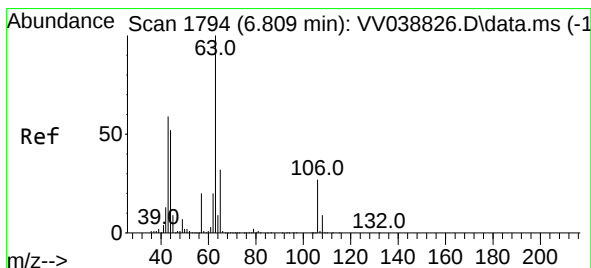
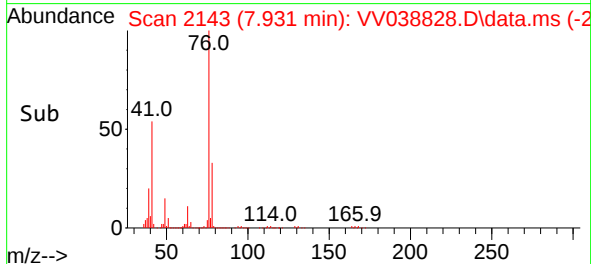
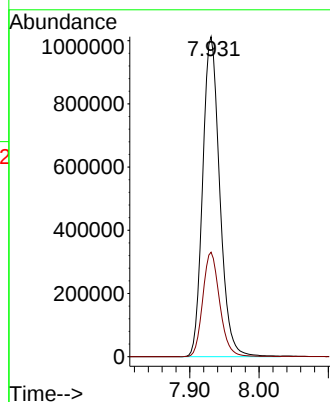
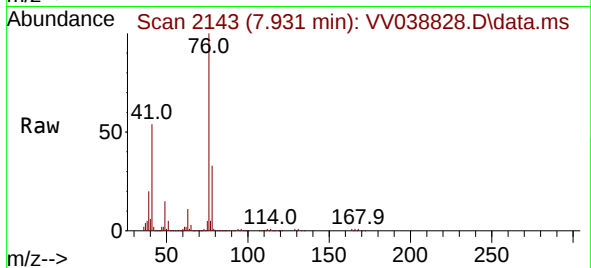




#57
 1,3-Dichloropropane
 Concen: 145.488 ug/l
 RT: 7.931 min Scan# 2144
 Delta R.T. -0.003 min
 Lab File: VV038828.D
 Acq: 27 Jun 2025 11:49

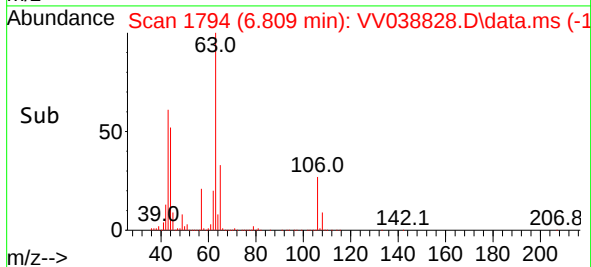
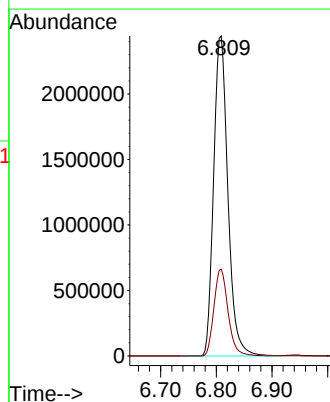
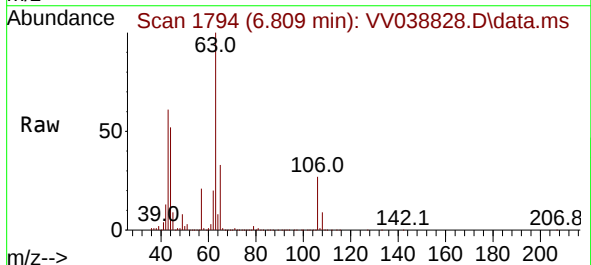
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC150

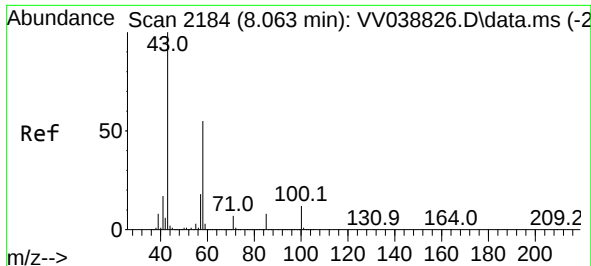
Tgt Ion: 76 Resp: 1733284
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.9 38.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 743.872 ug/l
 RT: 6.809 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VV038828.D
 Acq: 27 Jun 2025 11:49

Tgt Ion: 63 Resp: 4336043
 Ion Ratio Lower Upper
 63 100
 106 27.0 21.1 31.7

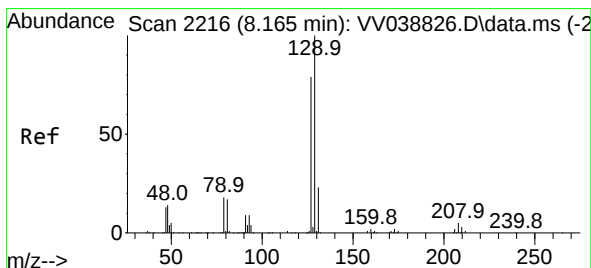
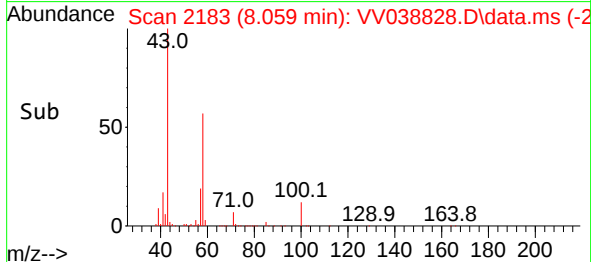
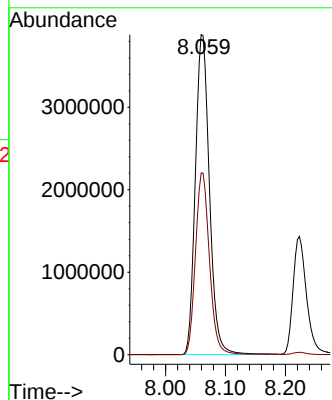
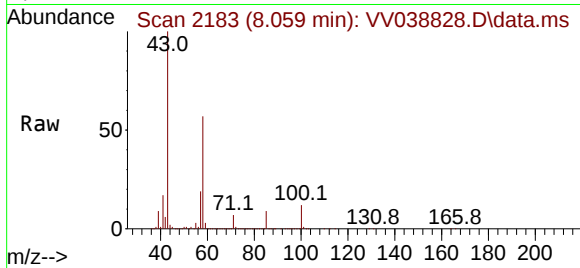




#59
2-Hexanone
Concen: 806.503 ug/l
RT: 8.059 min Scan# 2183
Delta R.T. -0.003 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

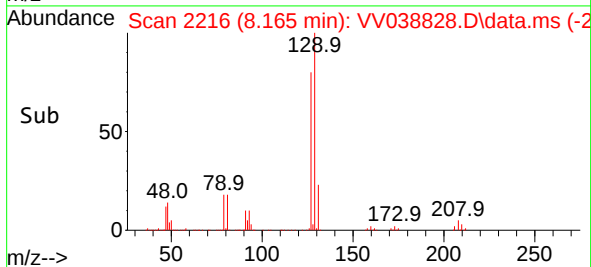
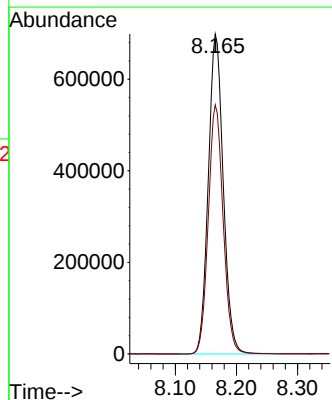
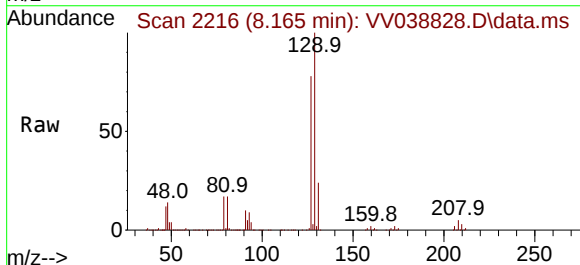
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

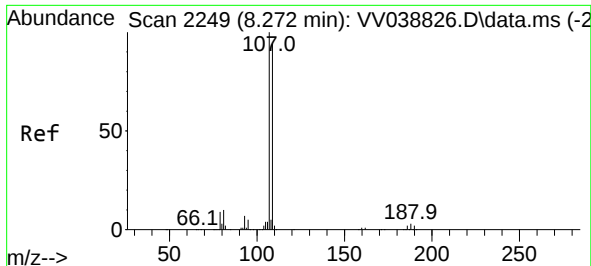
Tgt Ion: 43 Resp: 6348879
Ion Ratio Lower Upper
43 100
58 56.6 27.5 82.4



#60
Dibromochloromethane
Concen: 141.768 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 129 Resp: 1189982
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.1

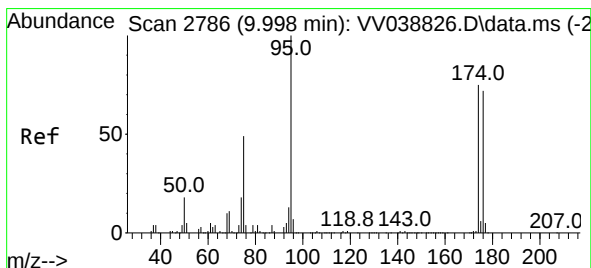
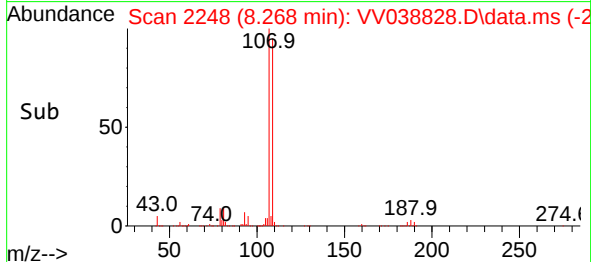
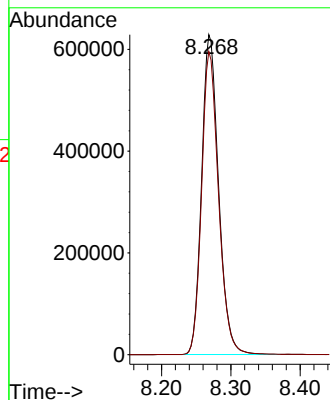
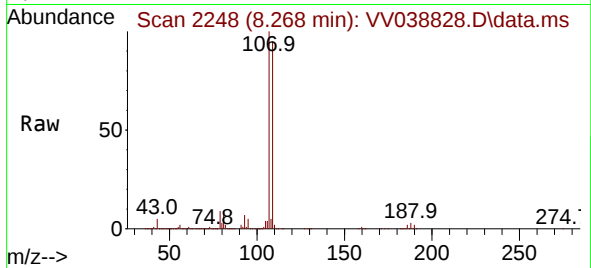




#61
1,2-Dibromoethane
Concen: 143.167 ug/l
RT: 8.268 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

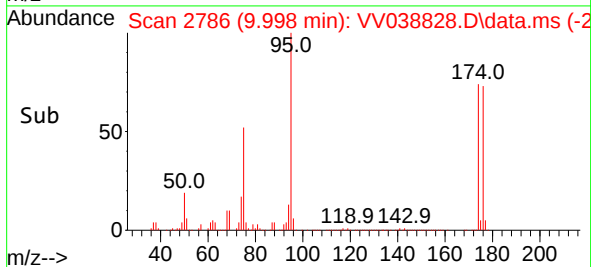
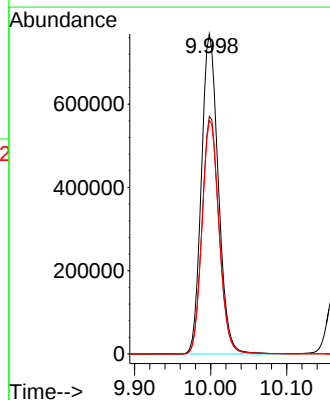
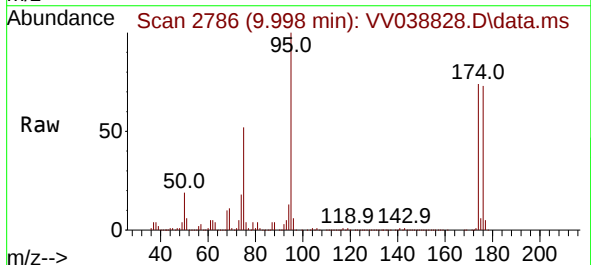
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

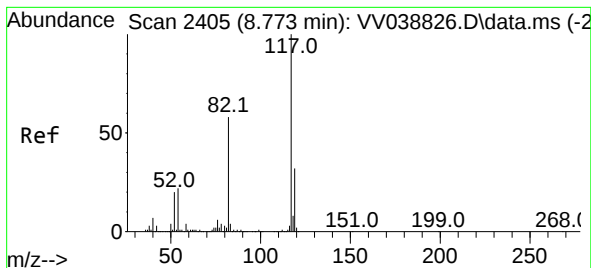
Tgt Ion:107 Resp: 1069837
Ion Ratio Lower Upper
107 100
109 94.7 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 148.466 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 95 Resp: 1185757
Ion Ratio Lower Upper
95 100
174 74.6 0.0 151.0
176 73.4 0.0 145.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

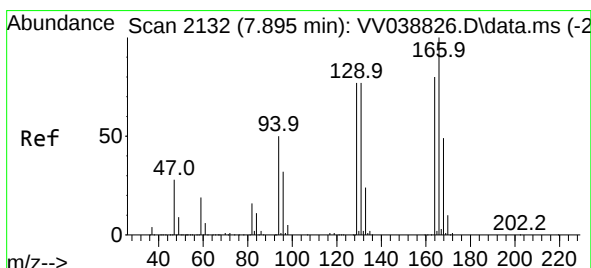
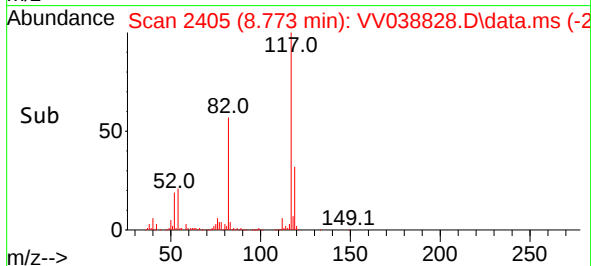
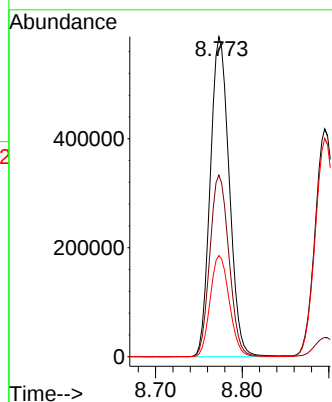
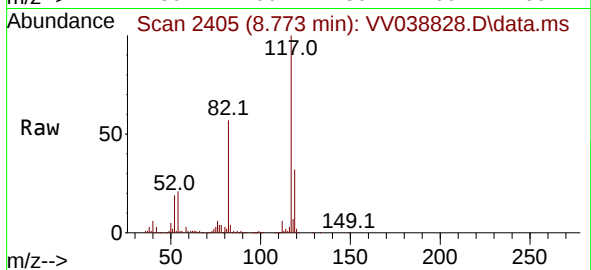
Tgt Ion:117 Resp: 892803

Ion Ratio Lower Upper

117 100

82 56.7 46.2 69.2

119 31.6 25.8 38.8



#64

Tetrachloroethene

Concen: 132.856 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Tgt Ion:164 Resp: 827823

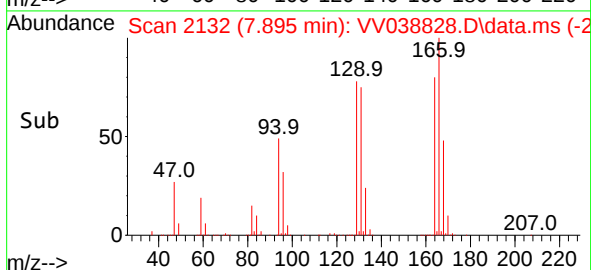
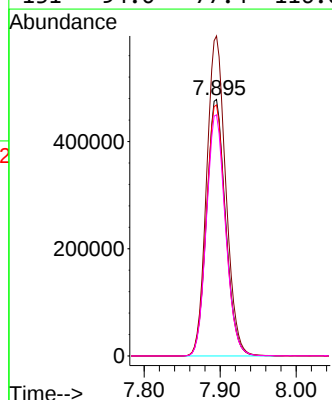
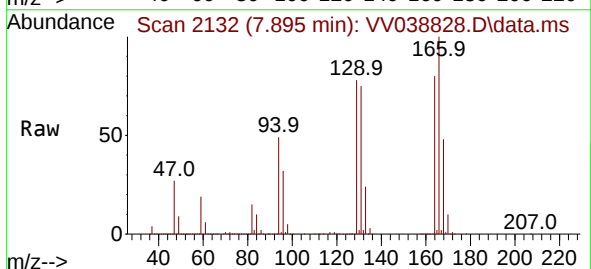
Ion Ratio Lower Upper

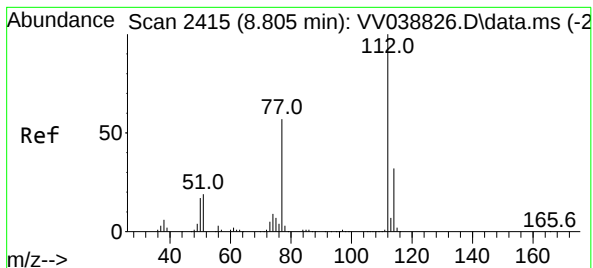
164 100

166 124.8 100.3 150.5

129 97.8 77.5 116.3

131 94.0 77.4 116.0





#65

Chlorobenzene

Concen: 143.870 ug/l

RT: 8.802 min Scan# 2414

Delta R.T. -0.003 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

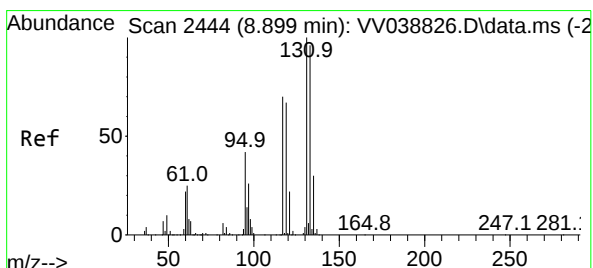
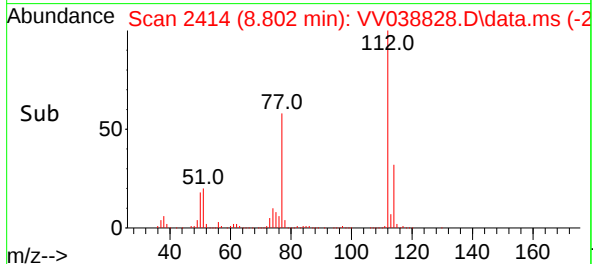
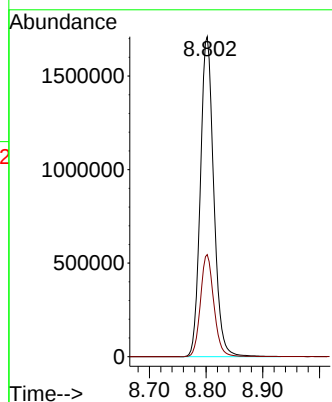
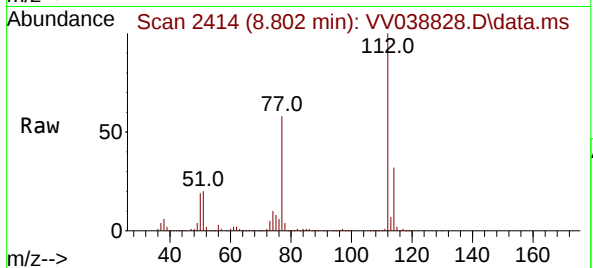
VSTDIC150

Tgt Ion:112 Resp: 2808832

Ion Ratio Lower Upper

112 100

114 31.9 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 142.944 ug/l

RT: 8.895 min Scan# 2443

Delta R.T. -0.003 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

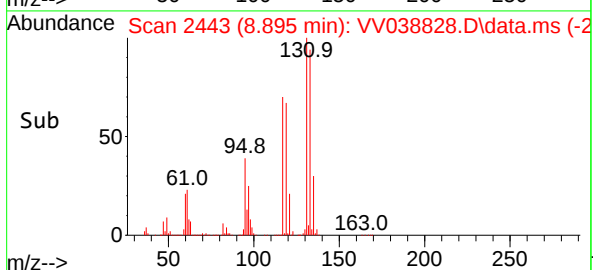
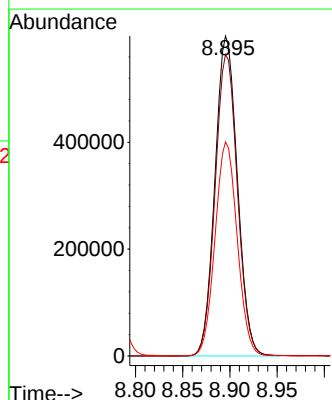
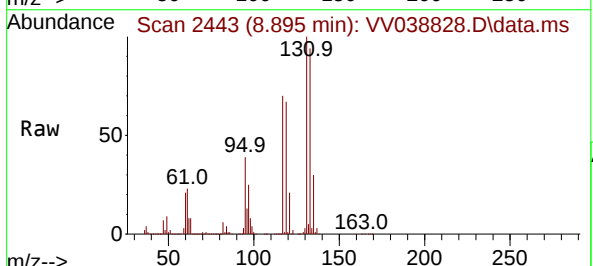
Tgt Ion:131 Resp: 986849

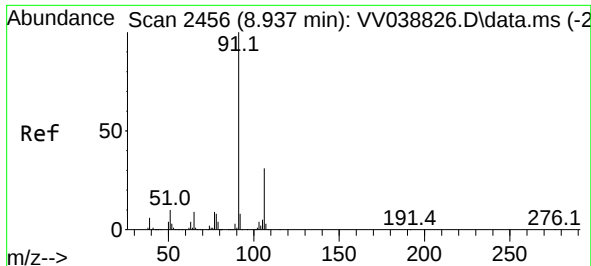
Ion Ratio Lower Upper

131 100

133 94.2 48.1 144.4

119 66.1 34.2 102.5





#67

Ethyl Benzene

Concen: 158.055 ug/l

RT: 8.934 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

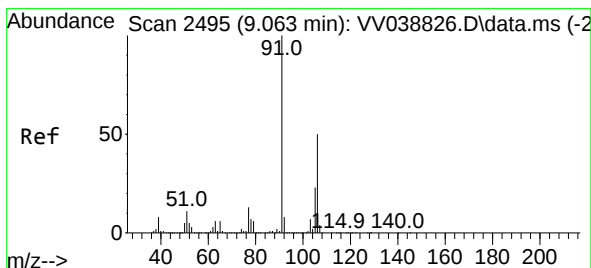
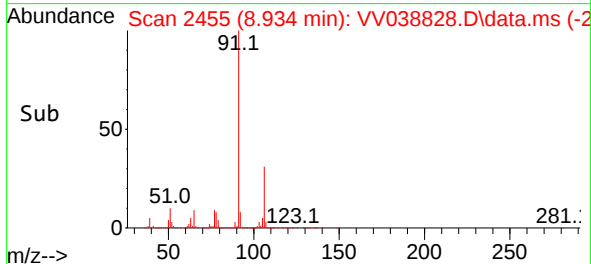
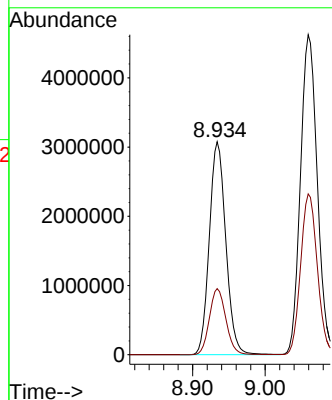
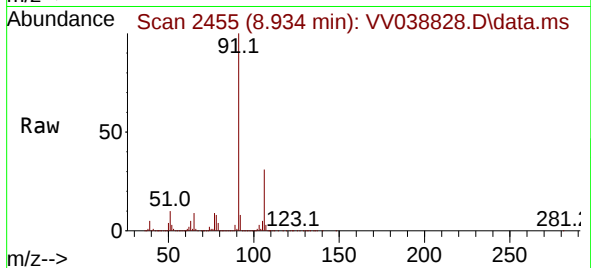
VSTDIC150

Tgt Ion: 91 Resp: 4856520

Ion Ratio Lower Upper

91 100

106 31.1 25.0 37.6



#68

m/p-Xylenes

Concen: 321.745 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. -0.003 min

Lab File: VV038828.D

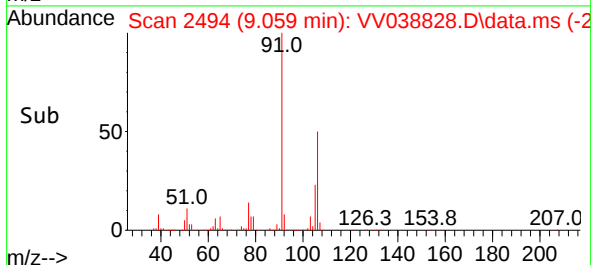
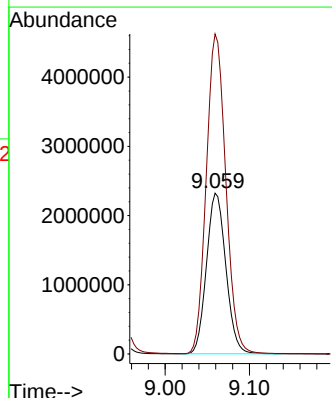
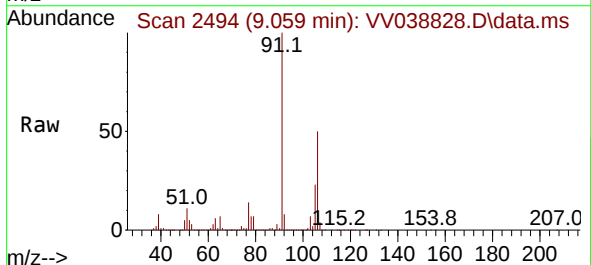
Acq: 27 Jun 2025 11:49

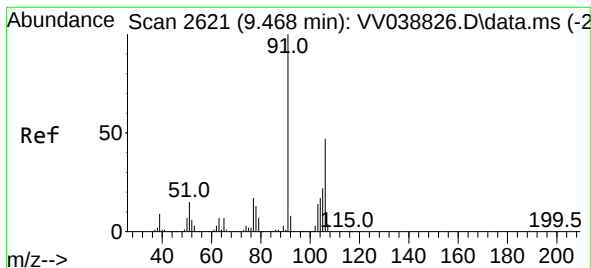
Tgt Ion:106 Resp: 3723451

Ion Ratio Lower Upper

106 100

91 200.7 161.8 242.8





#69

o-Xylene

Concen: 167.761 ug/l

RT: 9.464 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

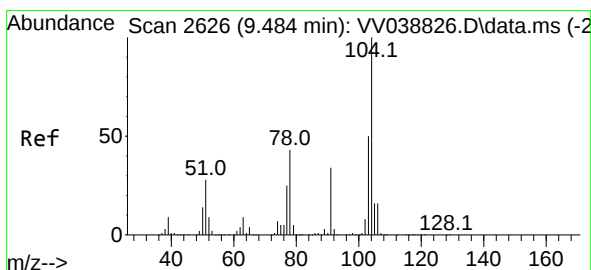
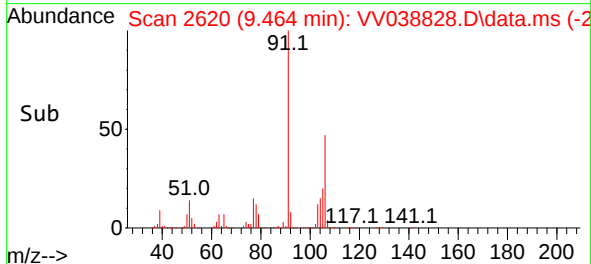
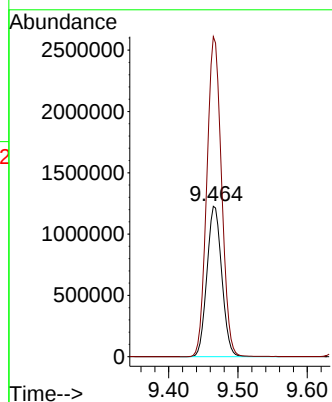
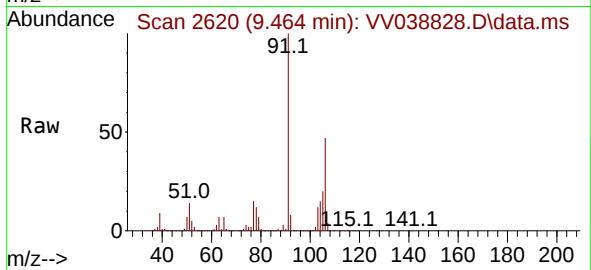
VSTDICC150

Tgt Ion:106 Resp: 1816062

Ion Ratio Lower Upper

106 100

91 211.3 106.1 318.1



#70

Styrene

Concen: 169.157 ug/l

RT: 9.484 min Scan# 2626

Delta R.T. -0.000 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

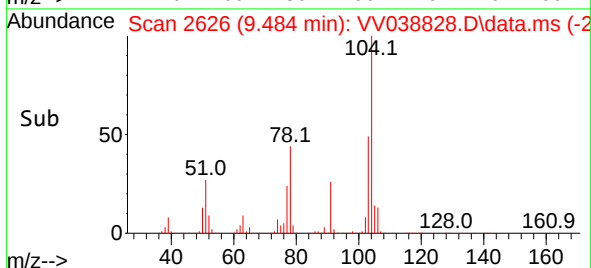
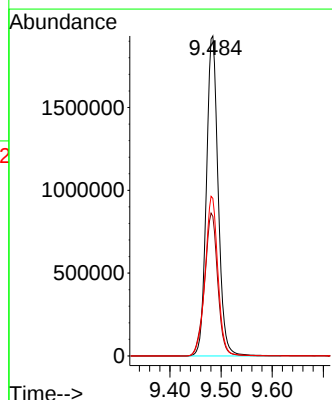
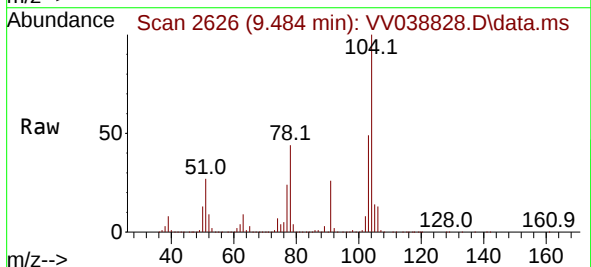
Tgt Ion:104 Resp: 3092345

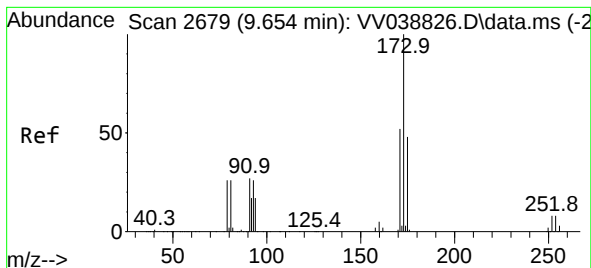
Ion Ratio Lower Upper

104 100

78 49.6 38.8 58.2

103 54.4 43.4 65.2





#71

Bromoform

Concen: 149.388 ug/l

RT: 9.651 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

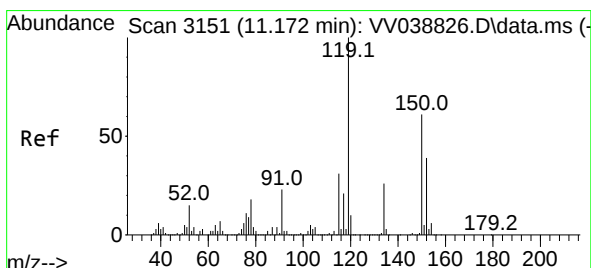
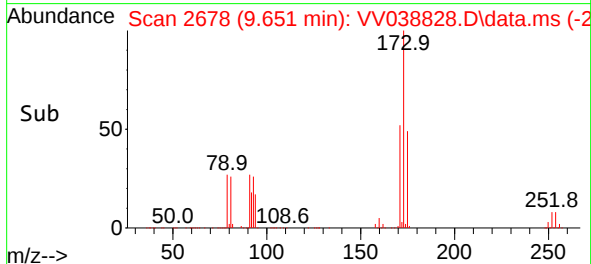
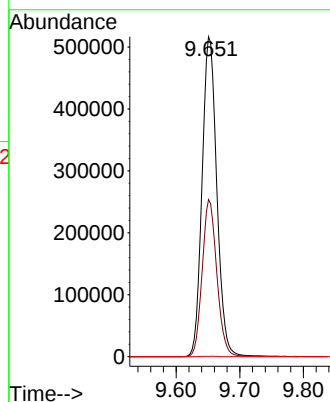
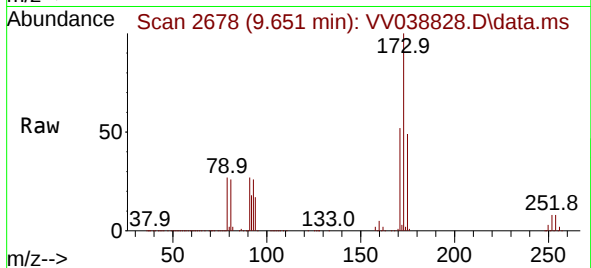
Tgt Ion:173 Resp: 830951

Ion Ratio Lower Upper

173 100

175 48.8 24.1 72.2

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

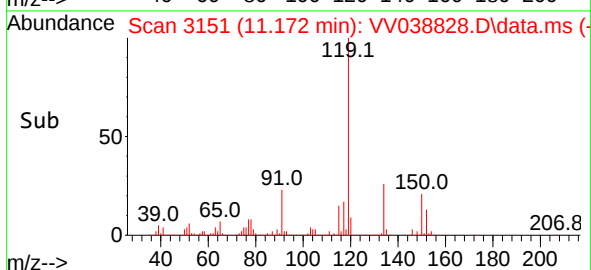
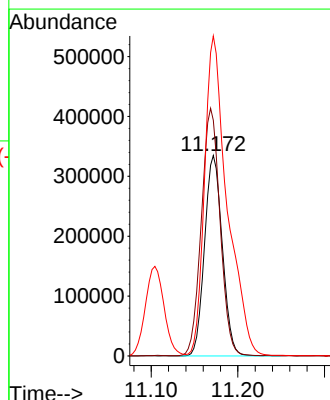
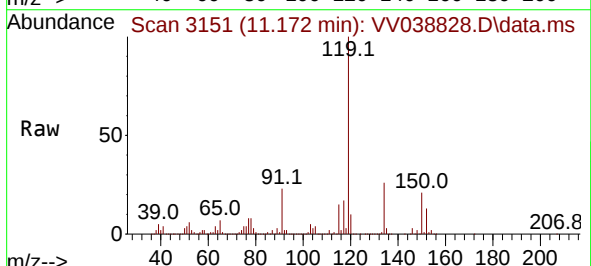
Tgt Ion:152 Resp: 476450

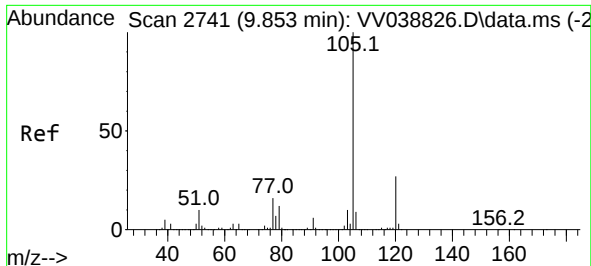
Ion Ratio Lower Upper

152 100

115 129.8 41.3 123.7#

150 203.2 0.0 344.6

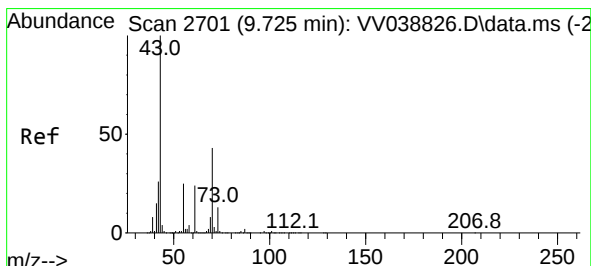
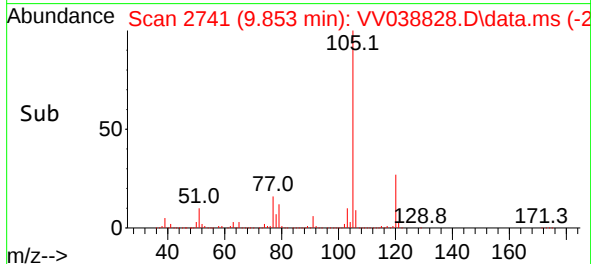
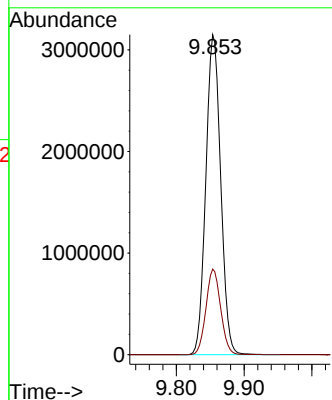
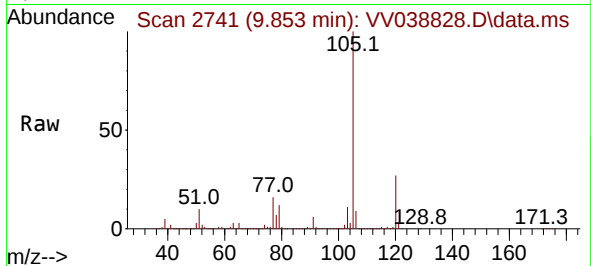




#73
Isopropylbenzene
Concen: 164.929 ug/l
RT: 9.853 min Scan# 2741
Delta R.T. -0.000 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

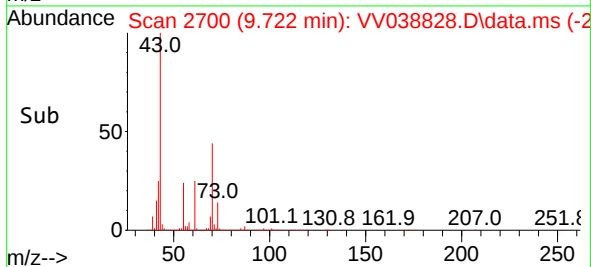
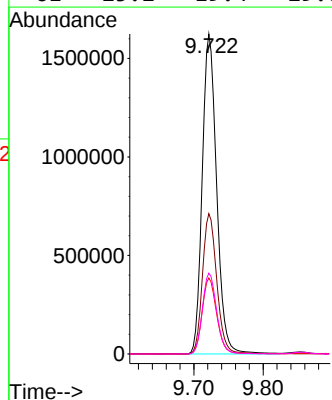
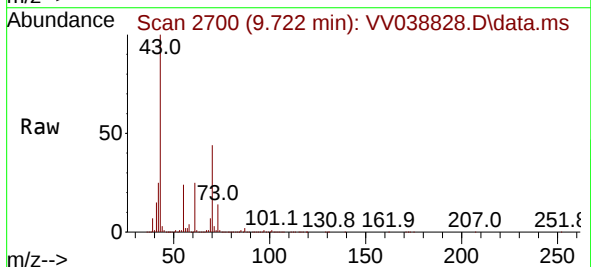
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC150

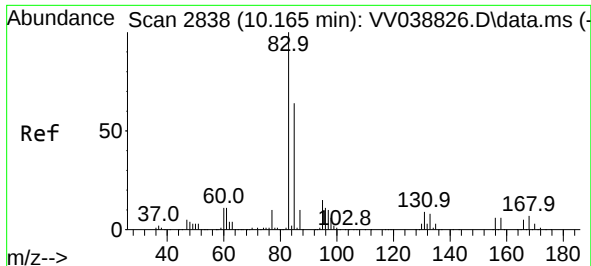
Tgt Ion:105 Resp: 4791037
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.6



#74
N-ethyl acetate
Concen: 184.749 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 43 Resp: 2339952
Ion Ratio Lower Upper
43 100
70 43.9 34.4 51.6
55 24.0 20.0 30.0
61 25.2 19.4 29.0

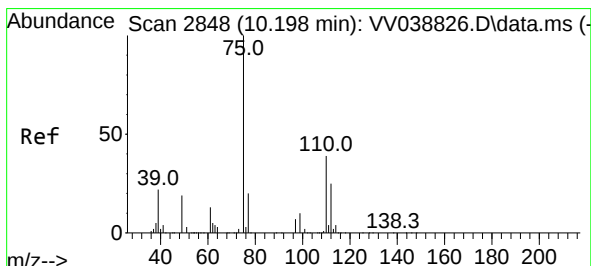
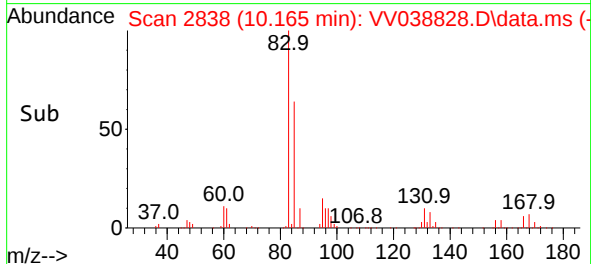
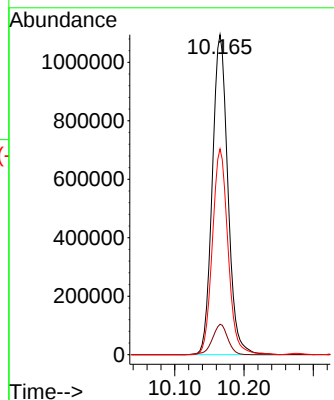
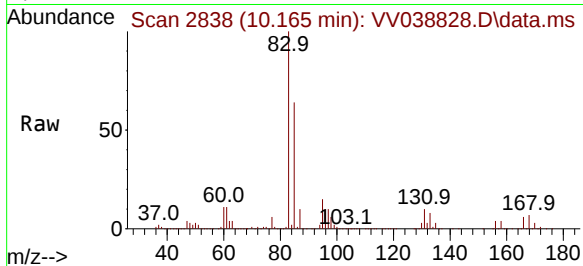




#75
 1,1,2,2-Tetrachloroethane
 Concen: 140.847 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. -0.000 min
 Lab File: VV038828.D
 Acq: 27 Jun 2025 11:49

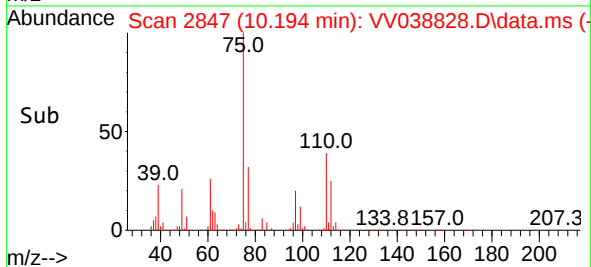
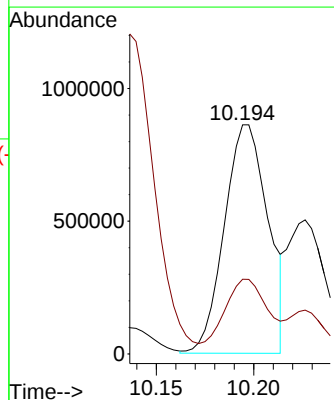
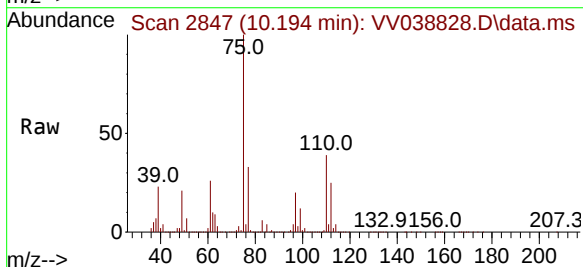
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC150

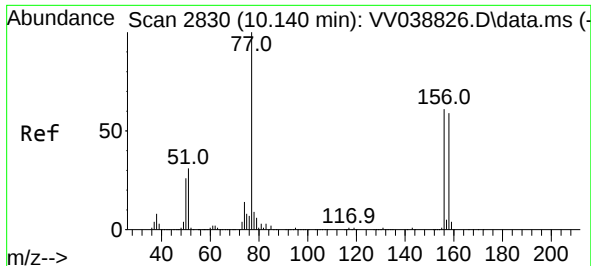
Tgt Ion: 83 Resp: 1703582
 Ion Ratio Lower Upper
 83 100
 131 9.5 4.5 13.4
 85 64.6 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 146.351 ug/l
 RT: 10.194 min Scan# 2847
 Delta R.T. -0.003 min
 Lab File: VV038828.D
 Acq: 27 Jun 2025 11:49

Tgt Ion: 75 Resp: 1340369
 Ion Ratio Lower Upper
 75 100
 77 33.0 17.3 52.0

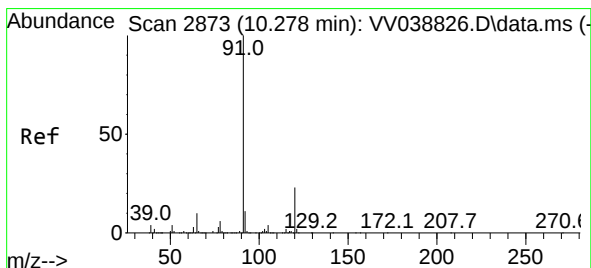
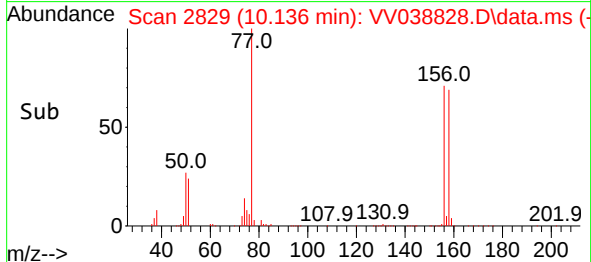
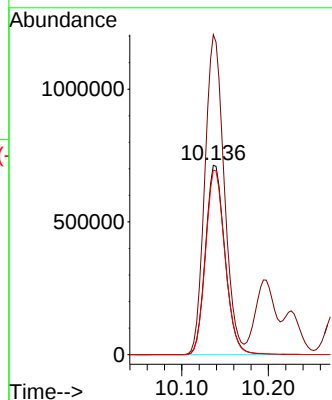
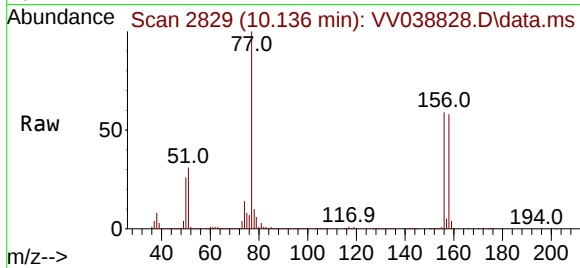




#77
Bromobenzene
Concen: 152.085 ug/l
RT: 10.136 min Scan# 2829
Delta R.T. -0.003 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

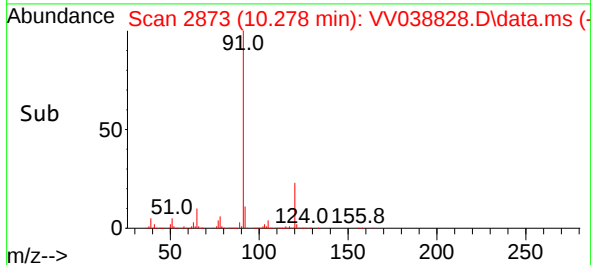
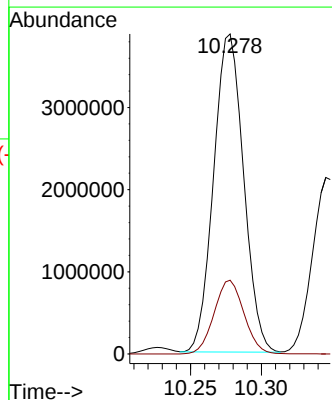
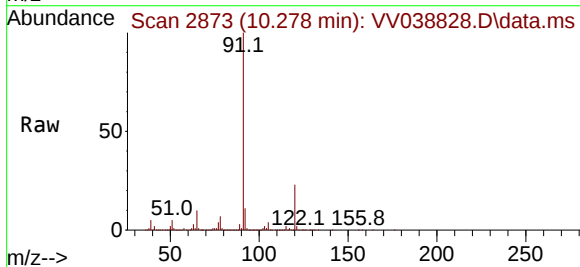
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

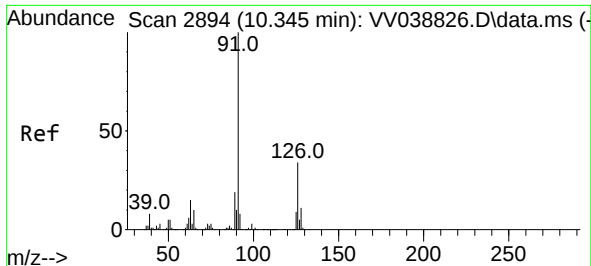
Tgt Ion:156 Resp: 1113859
Ion Ratio Lower Upper
156 100
77 167.7 81.5 244.6
158 97.8 48.0 144.0



#78
n-propylbenzene
Concen: 162.223 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 91 Resp: 5698931
Ion Ratio Lower Upper
91 100
120 23.1 11.4 34.2

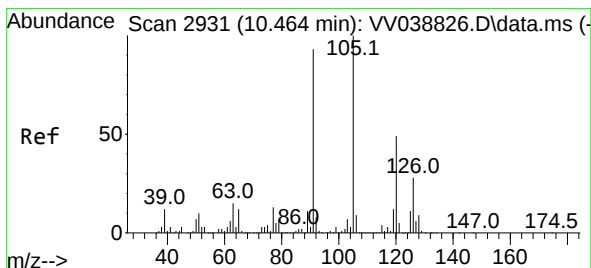
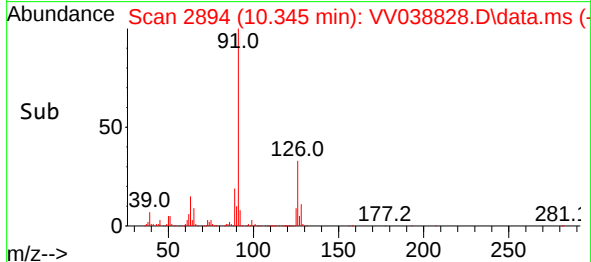
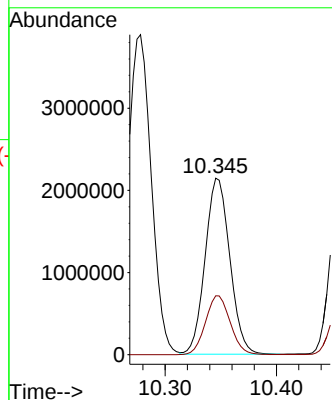
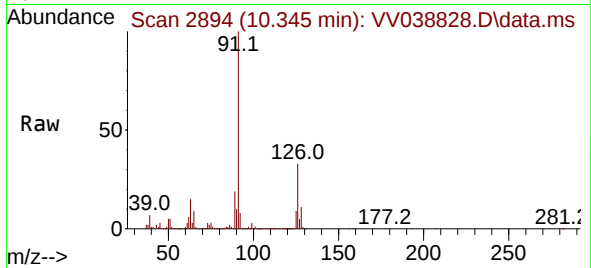




#79
2-Chlorotoluene
Concen: 157.804 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. -0.000 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

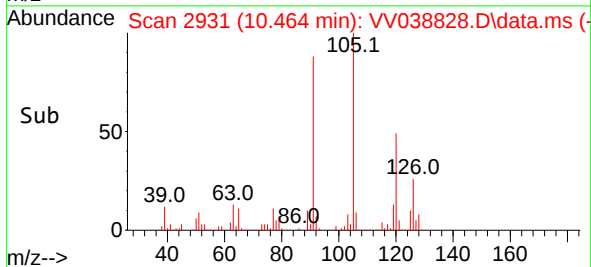
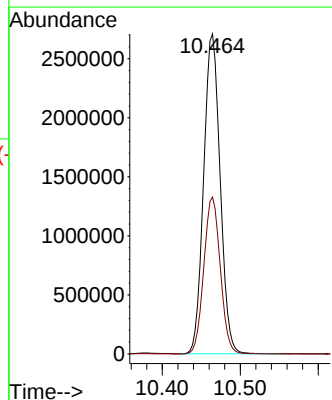
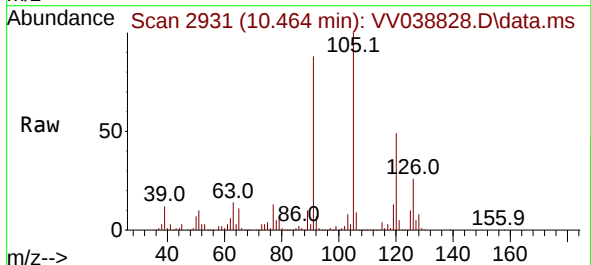
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

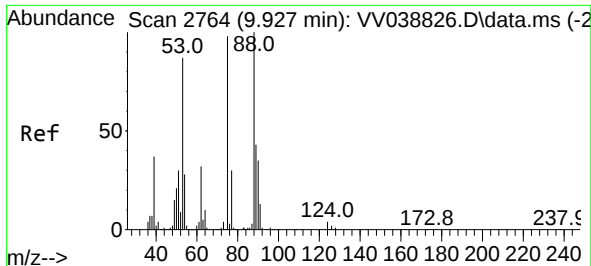
Tgt Ion: 91 Resp: 3298402
Ion Ratio Lower Upper
91 100
126 33.6 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 165.189 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 105 Resp: 3987439
Ion Ratio Lower Upper
105 100
120 48.9 24.6 73.6

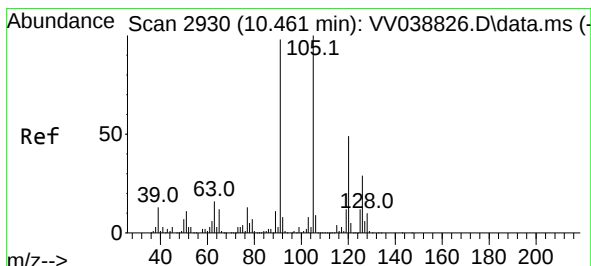
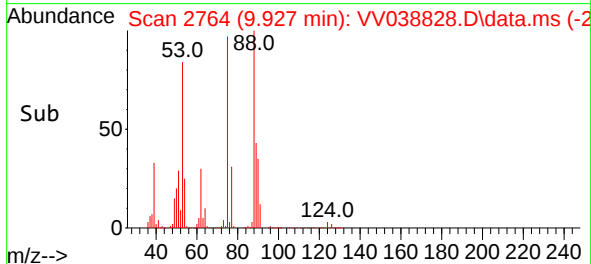
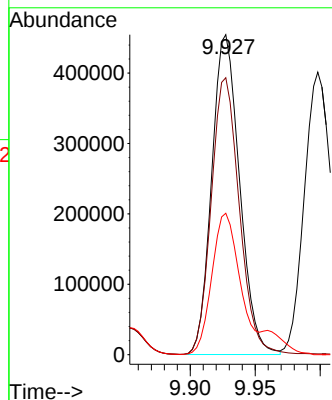
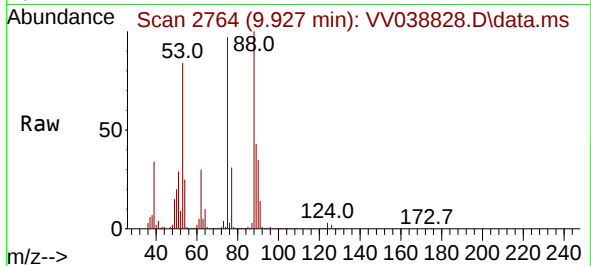




#81
trans-1,4-Dichloro-2-butene
Concen: 171.252 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

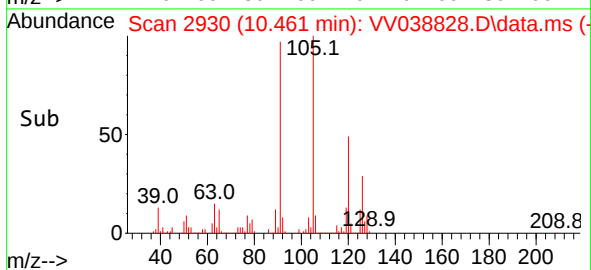
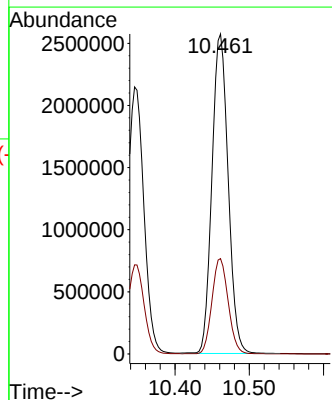
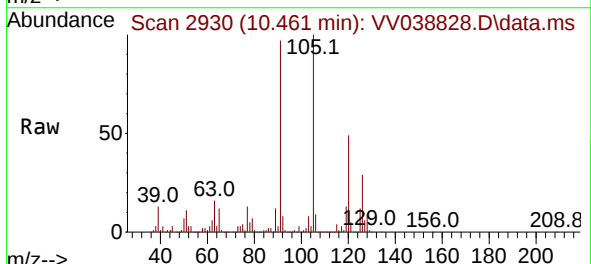
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

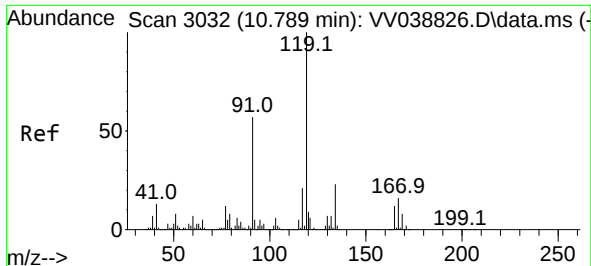
Tgt Ion: 75 Resp: 677270
Ion Ratio Lower Upper
75 100
53 87.3 72.6 109.0
89 44.7 37.0 55.6



#82
4-Chlorotoluene
Concen: 161.416 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 91 Resp: 3889841
Ion Ratio Lower Upper
91 100
126 29.9 15.1 45.3

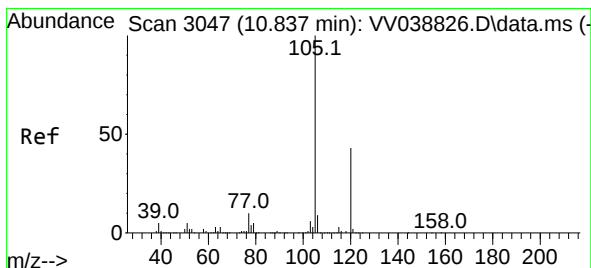
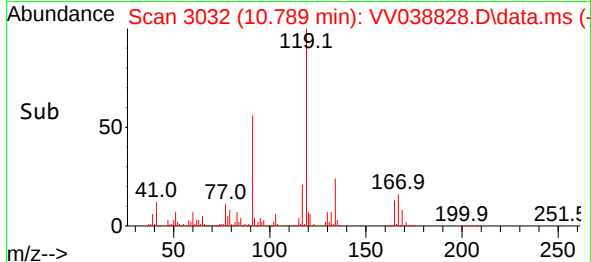
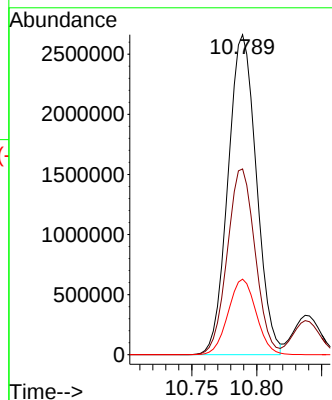
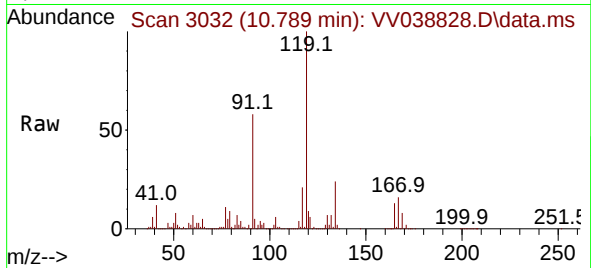




#83
tert-Butylbenzene
Concen: 168.158 ug/l
RT: 10.789 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

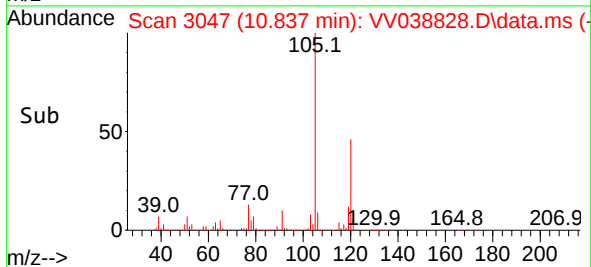
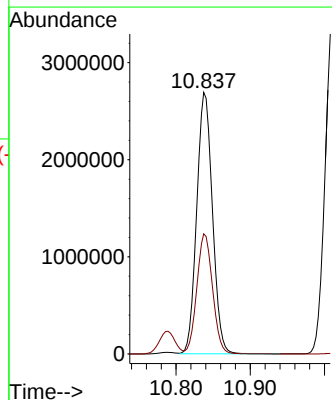
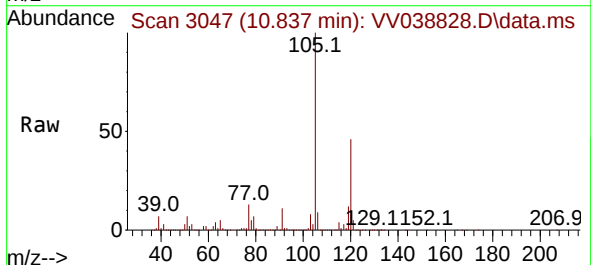
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

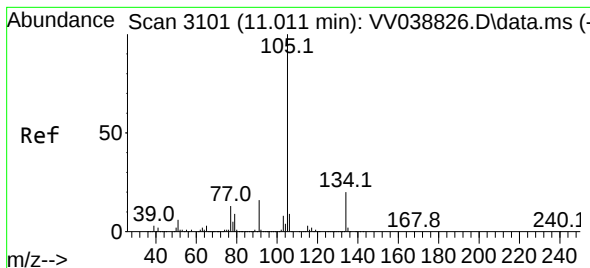
Tgt Ion:119 Resp: 4047545
Ion Ratio Lower Upper
119 100
91 57.1 28.2 84.6
134 23.3 11.5 34.5



#84
1,2,4-Trimethylbenzene
Concen: 169.595 ug/l
RT: 10.837 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion:105 Resp: 3969634
Ion Ratio Lower Upper
105 100
120 45.8 22.8 68.3





#85

sec-Butylbenzene

Concen: 167.528 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

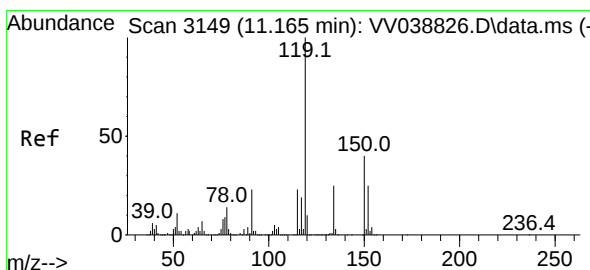
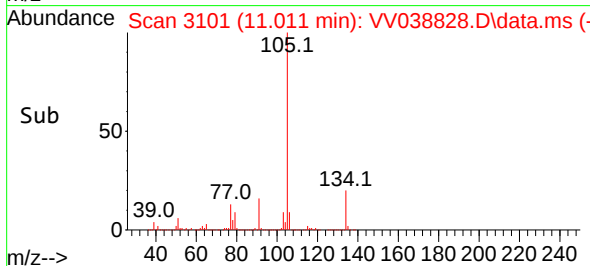
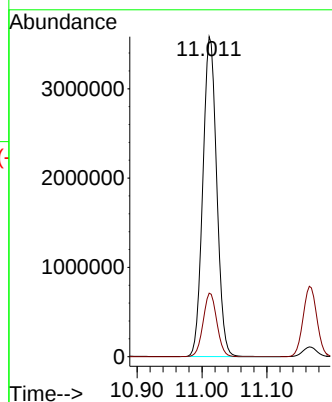
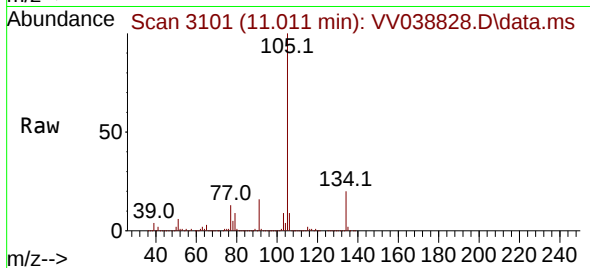
VSTDIC150

Tgt Ion:105 Resp: 5318650

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.4



#86

p-Isopropyltoluene

Concen: 164.327 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

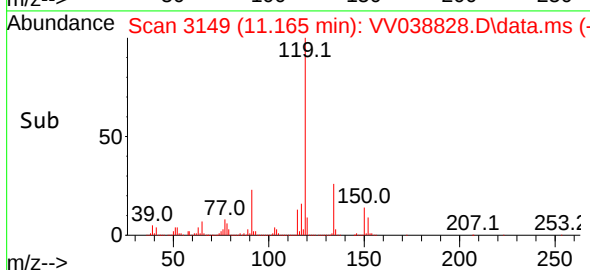
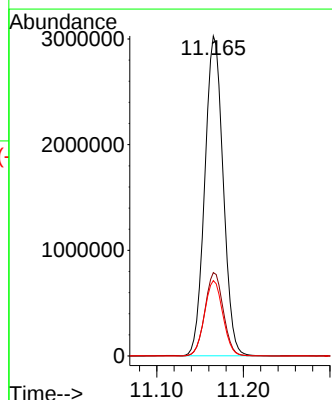
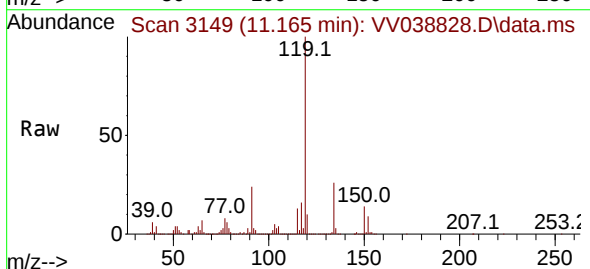
Tgt Ion:119 Resp: 4457437

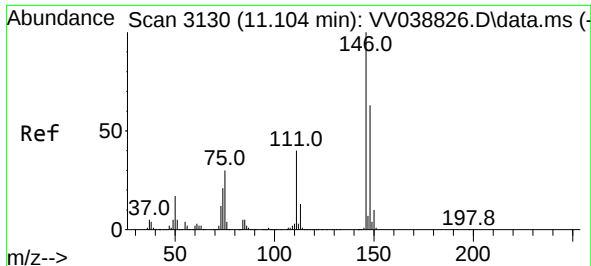
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 23.6 11.8 35.3

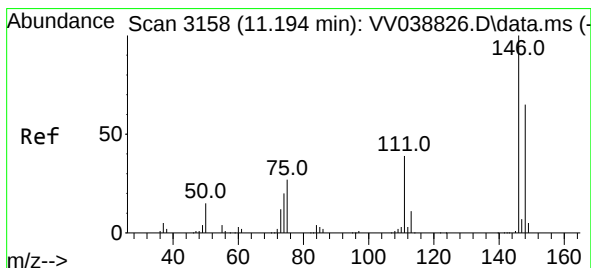
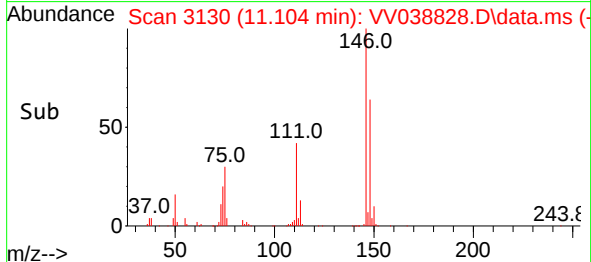
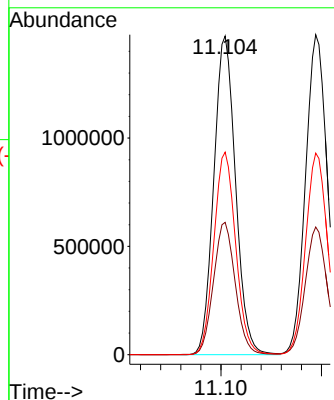
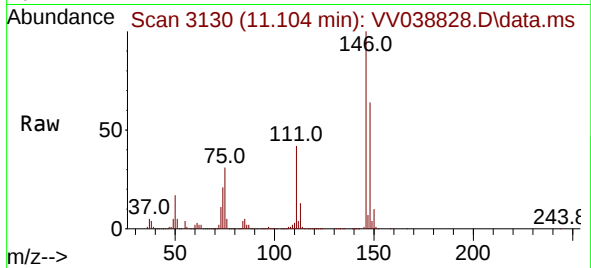




#87
 1,3-Dichlorobenzene
 Concen: 148.391 ug/l
 RT: 11.104 min Scan# 3130
 Delta R.T. -0.000 min
 Lab File: VV038828.D
 Acq: 27 Jun 2025 11:49

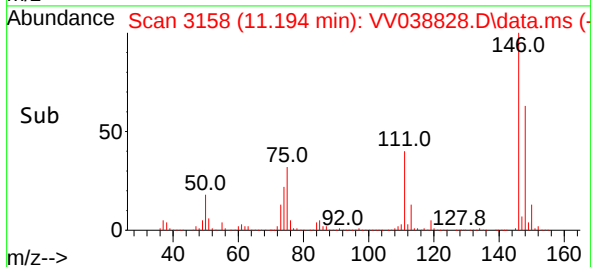
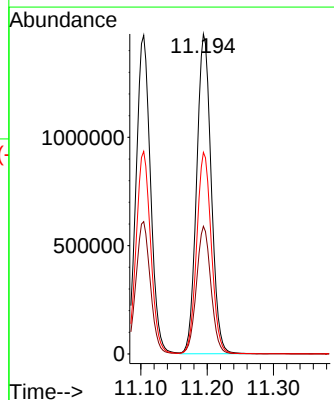
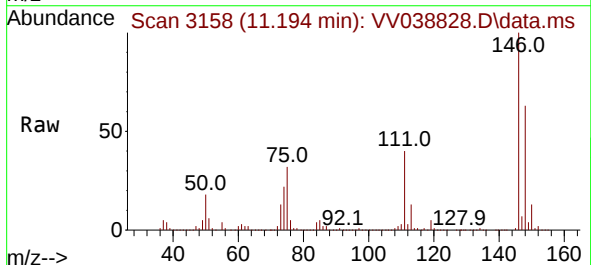
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC150

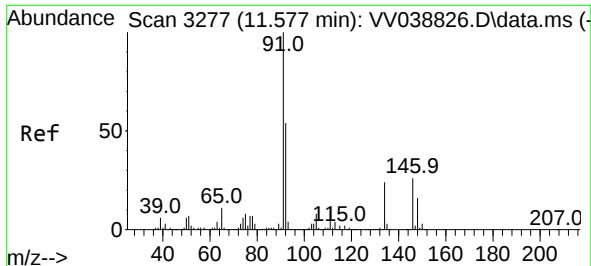
Tgt Ion:146 Resp: 2212090
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.3 60.9
 148 63.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 139.230 ug/l
 RT: 11.194 min Scan# 3158
 Delta R.T. -0.000 min
 Lab File: VV038828.D
 Acq: 27 Jun 2025 11:49

Tgt Ion:146 Resp: 2248137
 Ion Ratio Lower Upper
 146 100
 111 39.6 20.5 61.5
 148 63.5 32.3 96.9

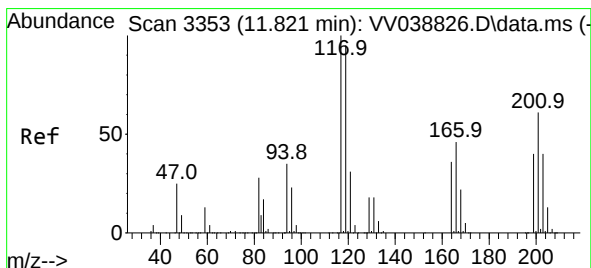
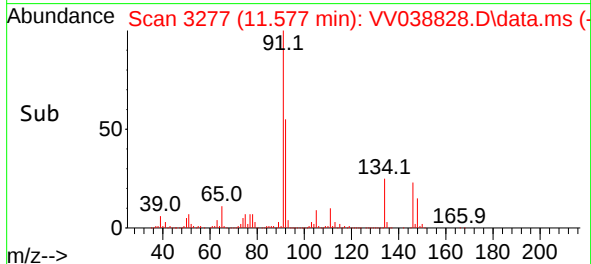
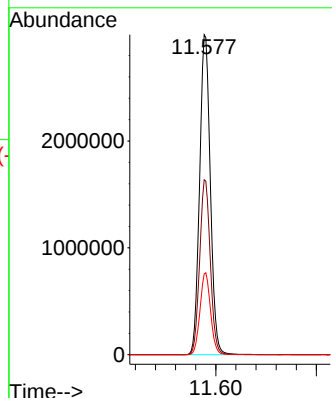
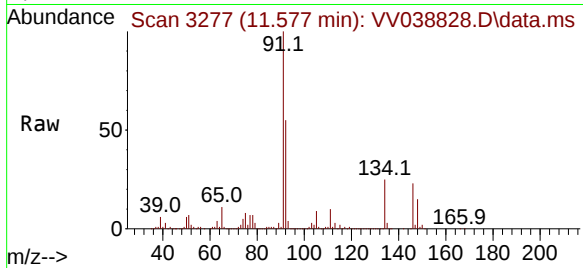




#89
n-Butylbenzene
Concen: 168.812 ug/l
RT: 11.577 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

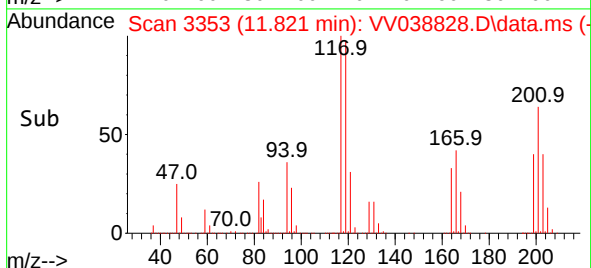
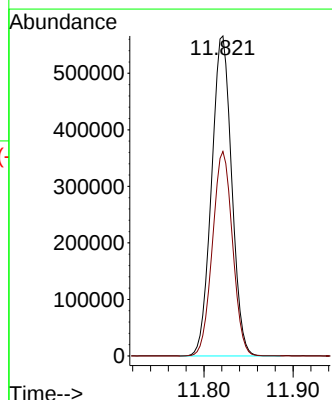
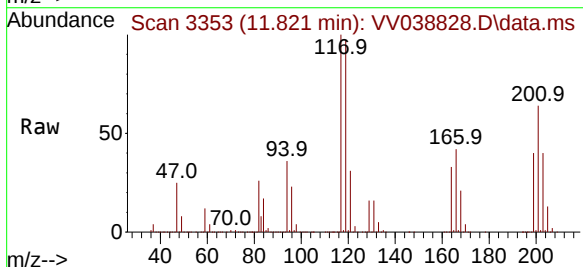
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC150

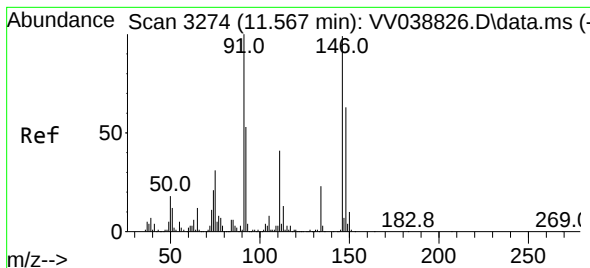
Tgt Ion: 91 Resp: 4434959
Ion Ratio Lower Upper
91 100
92 54.3 26.6 79.7
134 25.2 12.3 36.8



#90
Hexachloroethane
Concen: 148.764 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. -0.000 min
Lab File: VV038828.D
Acq: 27 Jun 2025 11:49

Tgt Ion: 117 Resp: 888388
Ion Ratio Lower Upper
117 100
201 63.8 31.4 94.0





#91

1,2-Dichlorobenzene

Concen: 149.299 ug/l

RT: 11.564 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

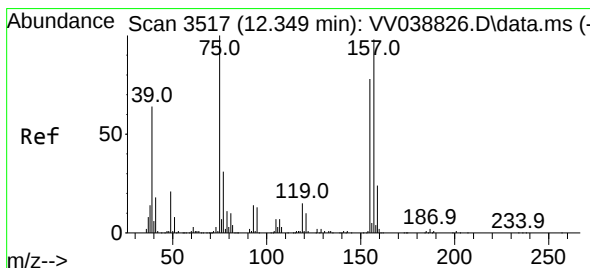
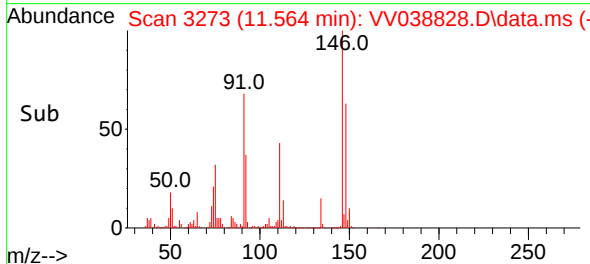
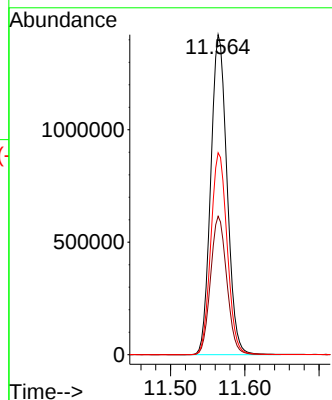
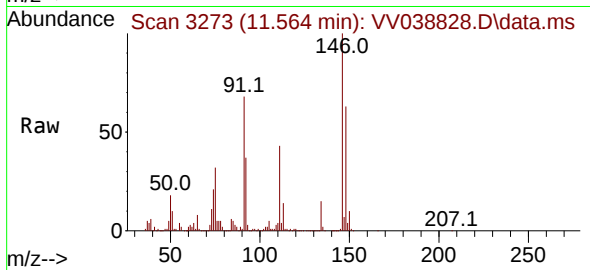
Tgt Ion:146 Resp: 2157665

Ion Ratio Lower Upper

146 100

111 43.2 21.0 63.0

148 63.6 31.6 94.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 160.912 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.000 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

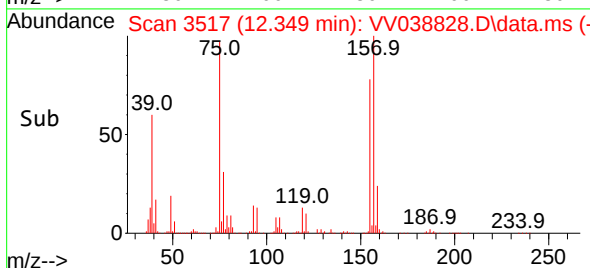
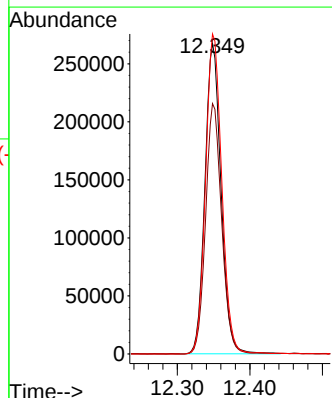
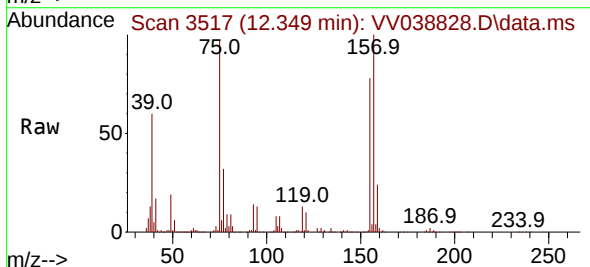
Tgt Ion: 75 Resp: 412616

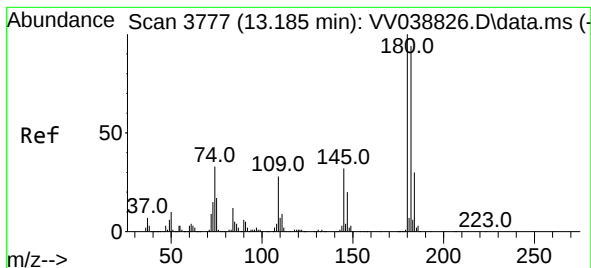
Ion Ratio Lower Upper

75 100

155 80.4 39.0 116.9

157 103.7 48.3 144.8





#93

1,2,4-Trichlorobenzene

Concen: 173.559 ug/l

RT: 13.184 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC150

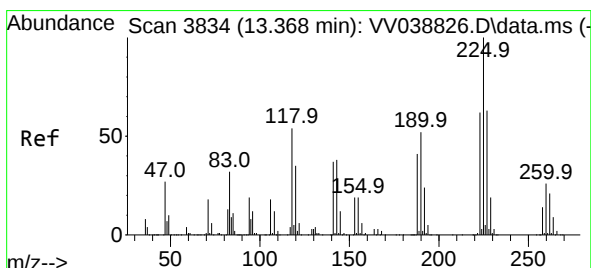
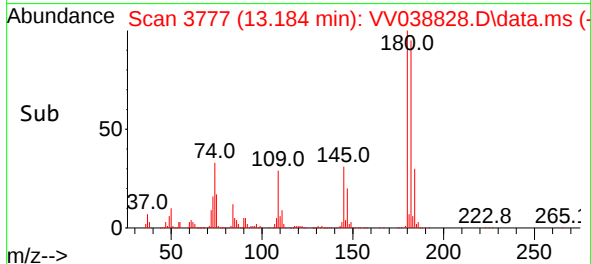
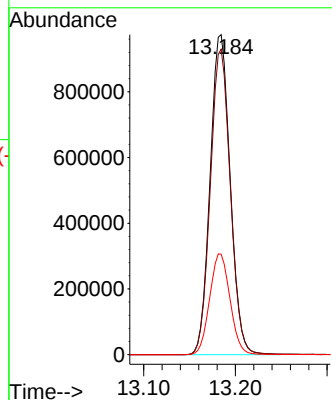
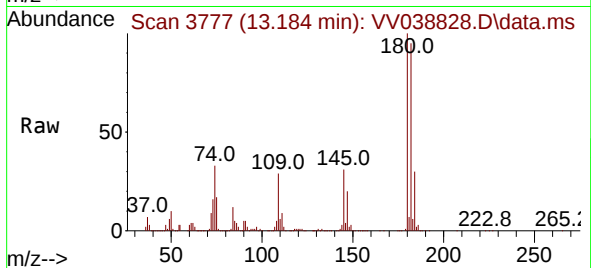
Tgt Ion:180 Resp: 1479791

Ion Ratio Lower Upper

180 100

182 95.3 46.9 140.6

145 32.0 15.8 47.3



#94

Hexachlorobutadiene

Concen: 142.535 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

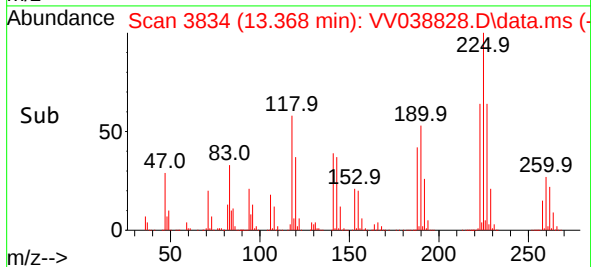
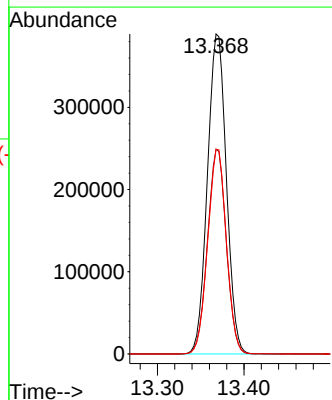
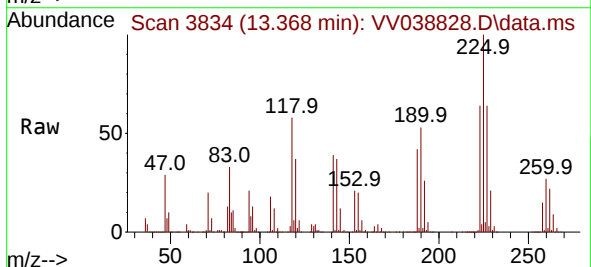
Tgt Ion:225 Resp: 591010

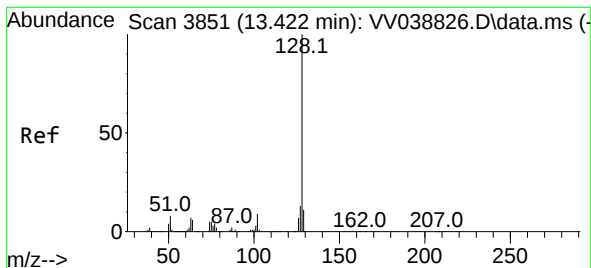
Ion Ratio Lower Upper

225 100

223 63.2 31.3 93.8

227 63.1 31.0 93.0





#95

Naphthalene

Concen: 151.056 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Instrument :

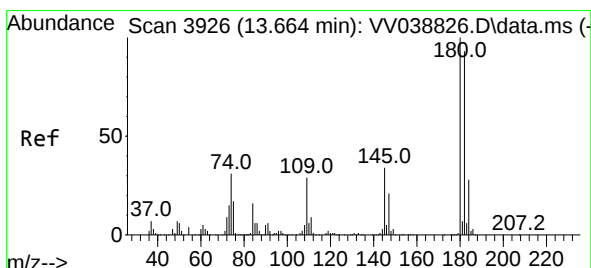
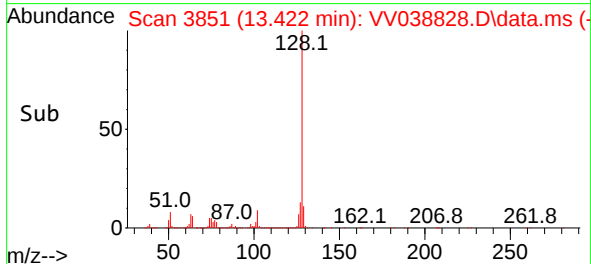
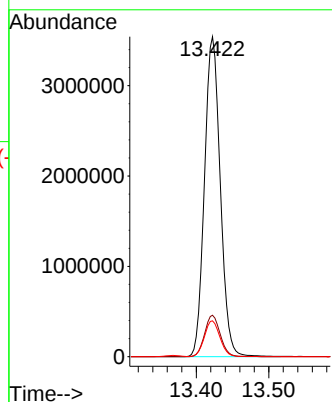
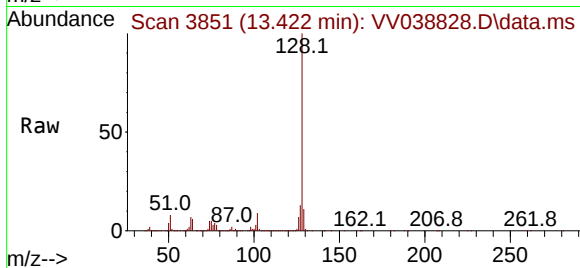
MSVOA_V

ClientSampleId :

VSTDIC150

Tgt Ion:128 Resp: 5357560

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	11.1	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 169.189 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. -0.000 min

Lab File: VV038828.D

Acq: 27 Jun 2025 11:49

Tgt Ion:180 Resp: 1481883

Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.3	141.8
145	34.4	17.0	50.9

