

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039028.D
 Acq On : 25 Aug 2025 12:36
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVVV082525

Quant Time: Aug 26 03:23:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 02:37:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	575028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1002716	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	893629	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	468224	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	407718	49.160	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	98.320%
35) Dibromofluoromethane	4.500	113	345228	47.808	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	95.620%
50) Toluene-d8	7.236	98	1155276	45.185	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	90.360%
62) 4-Bromofluorobenzene	10.001	95	428089	45.695	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	91.380%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	344292	44.711	ug/l	99
3) Chloromethane	1.230	50	357314	43.542	ug/l	100
4) Vinyl Chloride	1.297	62	427194	44.641	ug/l	99
5) Bromomethane	1.494	94	237474	49.387	ug/l	100
6) Chloroethane	1.558	64	257531	44.426	ug/l	100
7) Trichlorofluoromethane	1.725	101	605942	43.988	ug/l	99
8) Diethyl Ether	1.918	74	235128	44.995	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	368849	44.447	ug/l	100
10) Methyl Iodide	2.195	142	365719	48.381	ug/l	100
11) Tert butyl alcohol	2.561	59	356178	239.238	ug/l	100
12) 1,1-Dichloroethene	2.079	96	349871	44.035	ug/l	95
13) Acrolein	2.008	56	111127	165.320	ug/l	97
14) Allyl chloride	2.355	41	630342	50.404	ug/l	99
15) Acrylonitrile	2.670	53	1155857	260.323	ug/l	100
16) Acetone	2.117	43	1124405	214.652	ug/l	99
17) Carbon Disulfide	2.252	76	1006208	45.621	ug/l	100
18) Methyl Acetate	2.378	43	553201	53.179	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	1204823	51.463	ug/l	99
20) Methylene Chloride	2.455	84	404470	47.284	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	374697	47.051	ug/l	99
22) Diisopropyl ether	3.211	45	1299934	57.118	ug/l	94
23) Vinyl Acetate	3.185	43	5473896	290.159	ug/l	98
24) 1,1-Dichloroethane	3.117	63	722411	50.669	ug/l	99
25) 2-Butanone	3.857	43	1522887	265.473	ug/l	96
26) 2,2-Dichloropropane	3.809	77	610933	49.848	ug/l	98
27) cis-1,2-Dichloroethene	3.818	96	436651	49.472	ug/l	96
28) Bromochloromethane	4.146	49	182250	58.152	ug/l	90
29) Tetrahydrofuran	4.227	42	1011163	278.820	ug/l	92
30) Chloroform	4.275	83	728459	49.123	ug/l	97
31) Cyclohexane	4.584	56	630819	50.028	ug/l	94
32) 1,1,1-Trichloroethane	4.513	97	630499	48.302	ug/l	98
36) 1,1-Dichloropropene	4.744	75	495455	51.052	ug/l	98
37) Ethyl Acetate	3.969	43	600016	52.674	ug/l	97
38) Carbon Tetrachloride	4.735	117	532416	45.813	ug/l	99
39) Methylcyclohexane	6.047	83	652473	52.372	ug/l	97
40) Benzene	5.008	78	1554193	50.111	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	268047	55.865	ug/l	96
42) 1,2-Dichloroethane	5.037	62	522926	48.353	ug/l	99
43) Isopropyl Acetate	5.188	43	914392	56.419	ug/l	97
44) Trichloroethene	5.831	130	367135	47.146	ug/l	95
45) 1,2-Dichloropropane	6.088	63	383699	48.664	ug/l	99
46) Dibromomethane	6.223	93	284498	47.578	ug/l	96
47) Bromodichloromethane	6.426	83	551489	44.761	ug/l	98
48) Methyl methacrylate	6.291	41	422576	53.413	ug/l	98
49) 1,4-Dioxane	6.284	88	129242	966.239	ug/l	96
51) 4-Methyl-2-Pentanone	7.143	43	2645673	232.078	ug/l	100
52) Toluene	7.307	92	904458	45.722	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	552106	46.679	ug/l	97
54) cis-1,3-Dichloropropene	6.947	75	595072	46.834	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	356105	43.149	ug/l	99
56) Ethyl methacrylate	7.712	69	552173	50.442	ug/l	99
57) 1,3-Dichloropropane	7.934	76	598700	44.939	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	1475538	221.274	ug/l	99
59) 2-Hexanone	8.059	43	1975263	233.518	ug/l	99
60) Dibromochloromethane	8.165	129	426468	44.669	ug/l	100
61) 1,2-Dibromoethane	8.271	107	378551	44.442	ug/l	99
64) Tetrachloroethene	7.895	164	301848	47.515	ug/l	99
65) Chlorobenzene	8.802	112	994907	46.527	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.898	131	351096	47.027	ug/l	100
67) Ethyl Benzene	8.937	91	1693784	50.067	ug/l	99
68) m/p-Xylenes	9.062	106	1316292	101.194	ug/l	99
69) o-Xylene	9.468	106	614569	51.604	ug/l	98
70) Styrene	9.484	104	1082811	51.609	ug/l	99
71) Bromoform	9.654	173	289572	47.968	ug/l #	99
73) Isopropylbenzene	9.857	105	1656396	50.478	ug/l	100
74) N-amyl acetate	9.722	43	673440	49.937	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	571436	44.205	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	430917	46.884	ug/l	78
77) Bromobenzene	10.140	156	398926	49.072	ug/l	97
78) n-propylbenzene	10.278	91	1998738	51.599	ug/l	100
79) 2-Chlorotoluene	10.349	91	1168084	48.940	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1419211	52.704	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.927	75	203455	48.682	ug/l	99
82) 4-Chlorotoluene	10.461	91	1376893	50.688	ug/l	100
83) tert-Butylbenzene	10.789	119	1414329	51.625	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	1399547	53.107	ug/l	99
85) sec-Butylbenzene	11.011	105	1834252	50.909	ug/l	99
86) p-Isopropyltoluene	11.165	119	1535571	51.110	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	777180	47.826	ug/l	100
88) 1,4-Dichlorobenzene	11.197	146	787724	44.989	ug/l	99
89) n-Butylbenzene	11.580	91	1477164	50.975	ug/l	99
90) Hexachloroethane	11.821	117	303275	45.187	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	740849	47.005	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	123013	43.807	ug/l	99
93) 1,2,4-Trichlorobenzene	13.184	180	478391	52.381	ug/l	98
94) Hexachlorobutadiene	13.371	225	200584	46.968	ug/l	100
95) Naphthalene	13.426	128	1683513	53.148	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	477485	51.596	ug/l	99

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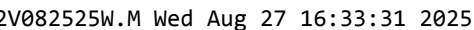
Instrument :
MSVOA_V
ClientSampleId :
ICVVV082525

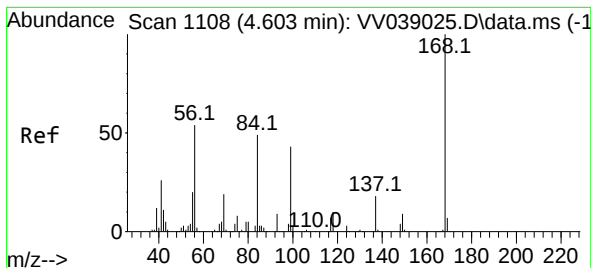
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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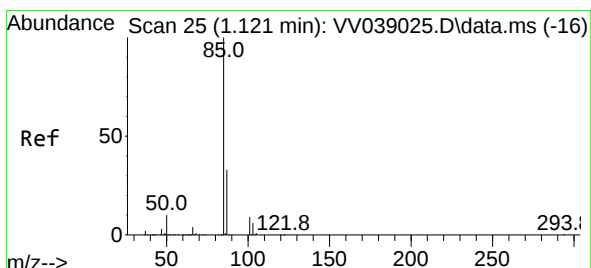
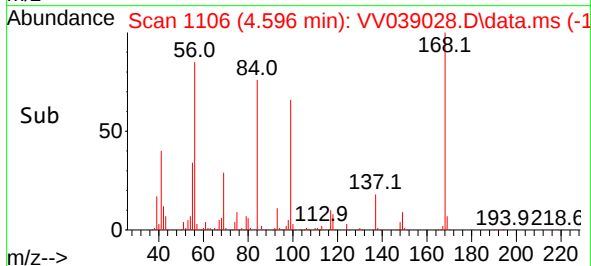
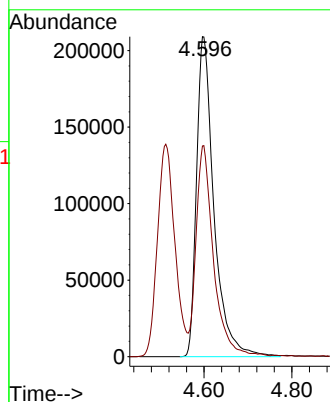
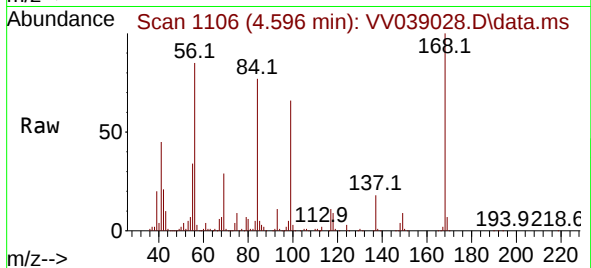




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. -0.007 min
Lab File: VV039028.D
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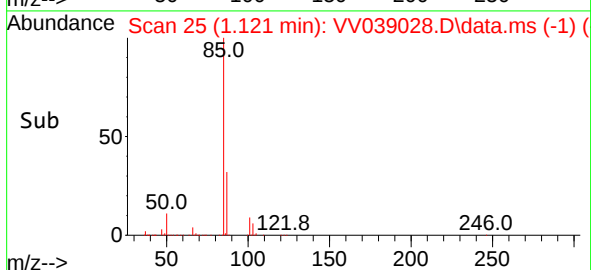
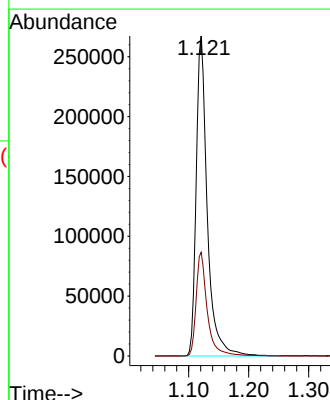
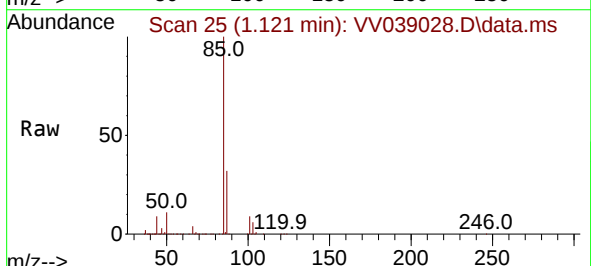
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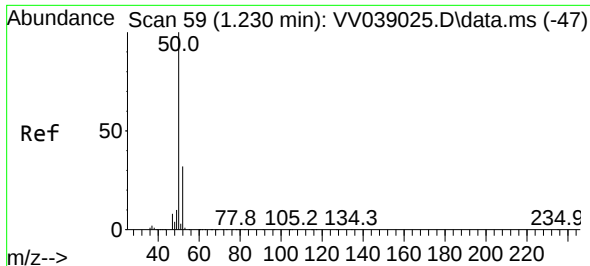
Tgt Ion:168 Resp: 575028
Ion Ratio Lower Upper
168 100
99 65.5 47.8 71.8



#2
Dichlorodifluoromethane
Concen: 44.711 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 85 Resp: 344292
Ion Ratio Lower Upper
85 100
87 32.4 16.6 49.8

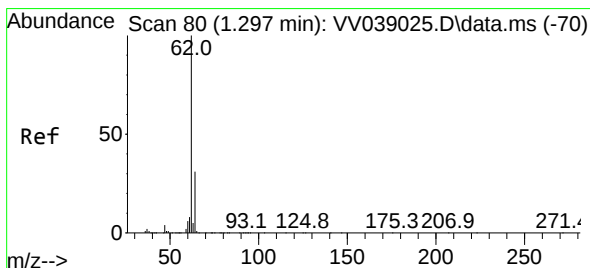
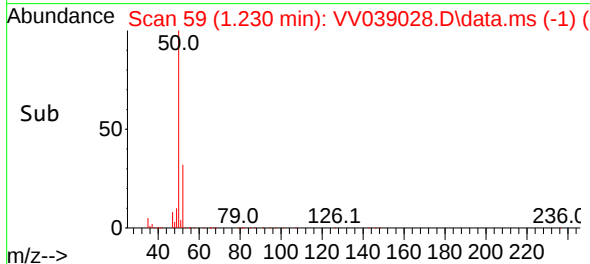
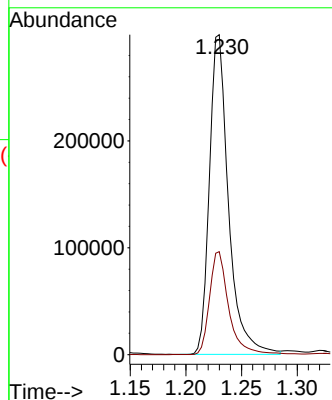
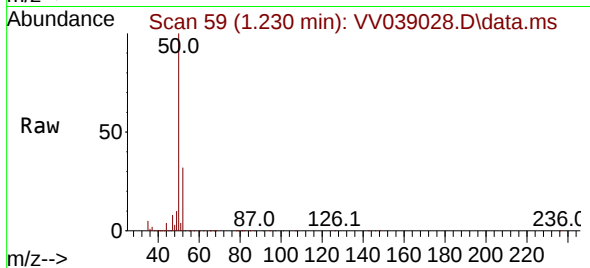




#3
Chloromethane
Concen: 43.542 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

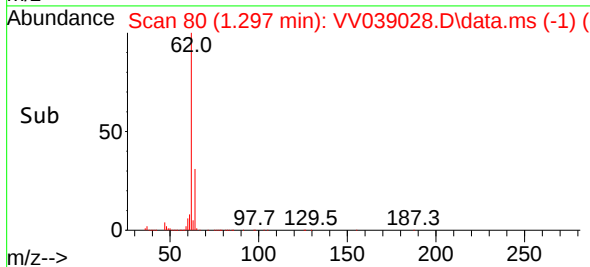
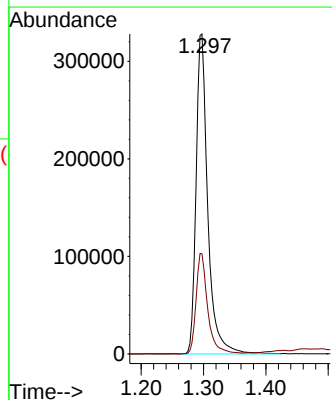
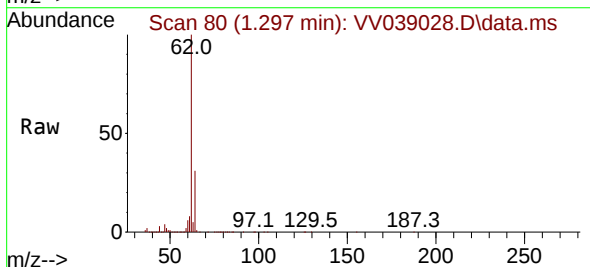
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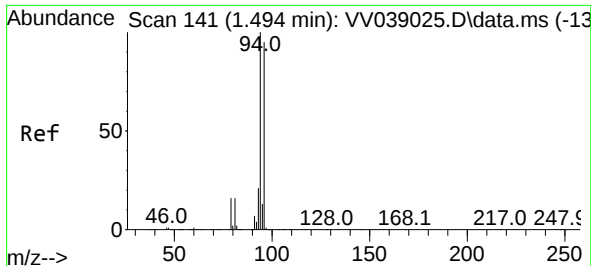
Tgt Ion: 50 Resp: 357314
Ion Ratio Lower Upper
50 100
52 32.2 25.6 38.4



#4
Vinyl Chloride
Concen: 44.641 ug/l
RT: 1.297 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 62 Resp: 427194
Ion Ratio Lower Upper
62 100
64 31.3 24.7 37.1

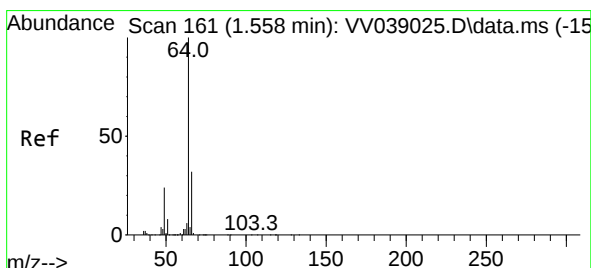
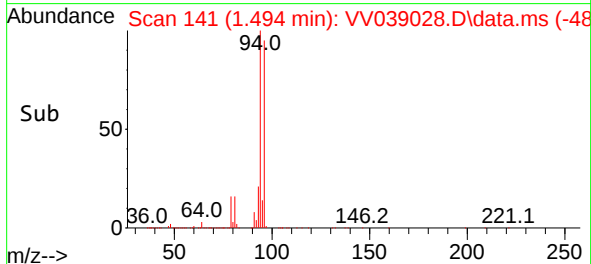
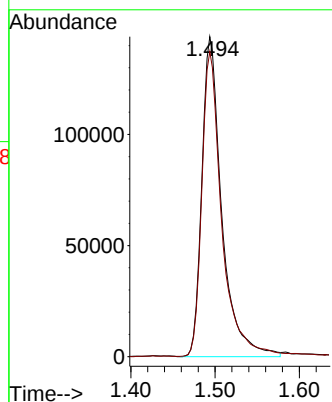
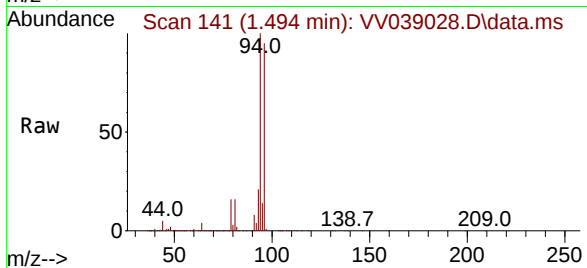




#5
Bromomethane
Concen: 49.387 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

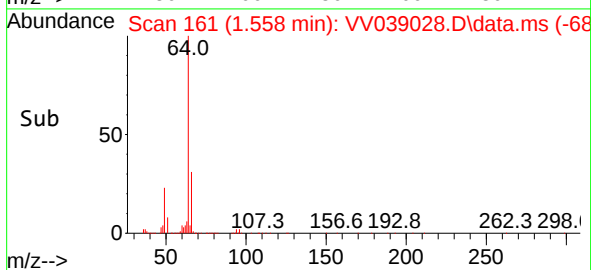
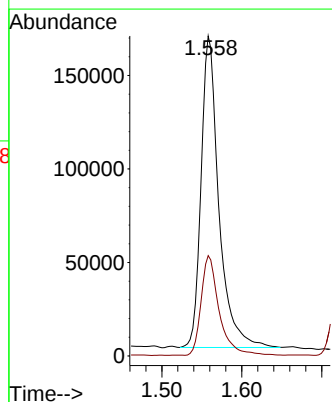
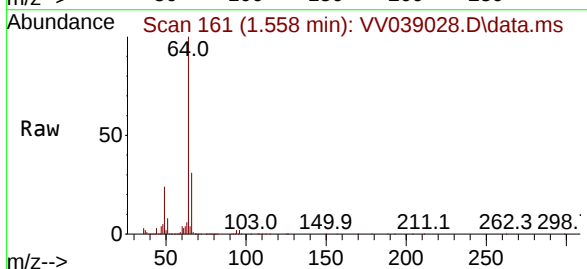
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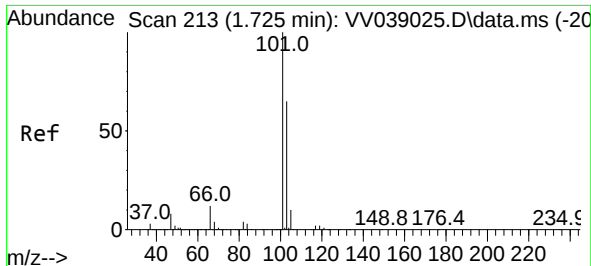
Tgt Ion: 94 Resp: 237474
Ion Ratio Lower Upper
94 100
96 95.2 76.2 114.2



#6
Chloroethane
Concen: 44.426 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 64 Resp: 257531
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2

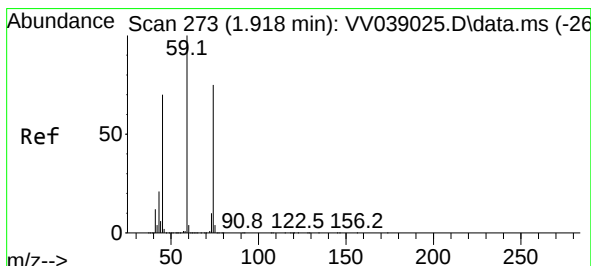
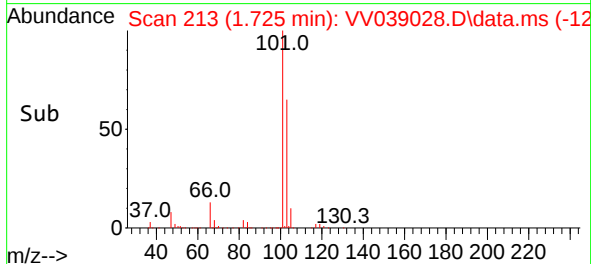
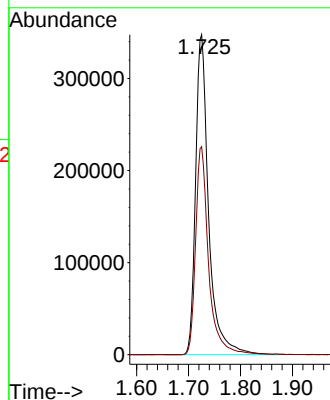
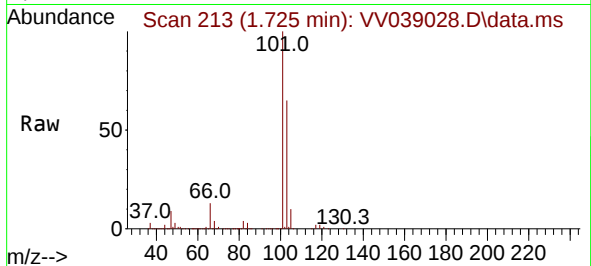




#7
 Trichlorofluoromethane
 Concen: 43.988 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039028.D
 Acq: 25 Aug 2025 12:36

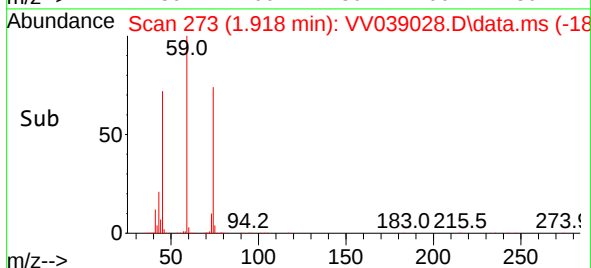
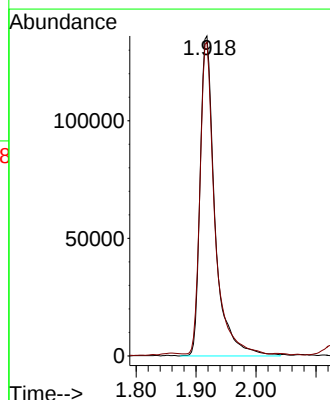
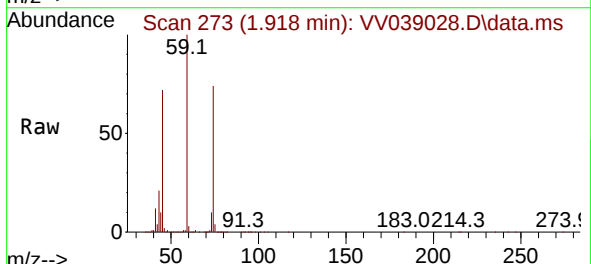
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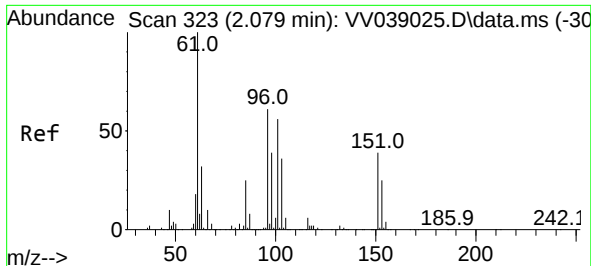
Tgt Ion:101 Resp: 605942
 Ion Ratio Lower Upper
 101 100
 103 65.0 51.7 77.5



#8
 Diethyl Ether
 Concen: 44.995 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 235128
 Ion Ratio Lower Upper
 74 100
 45 96.2 48.1 144.4

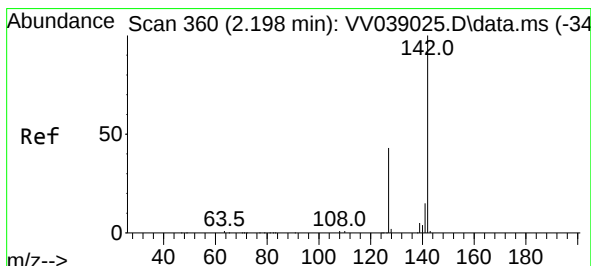
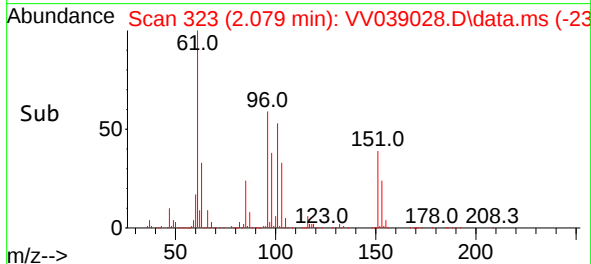
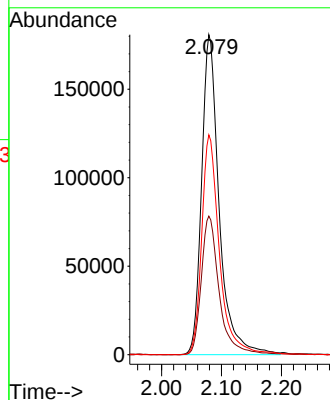
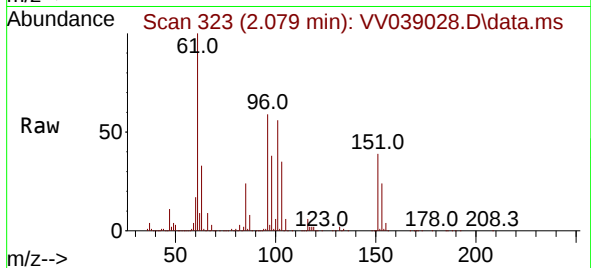




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.447 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

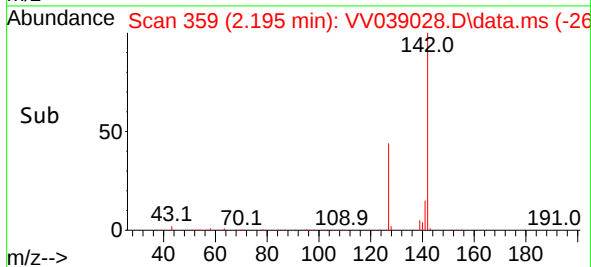
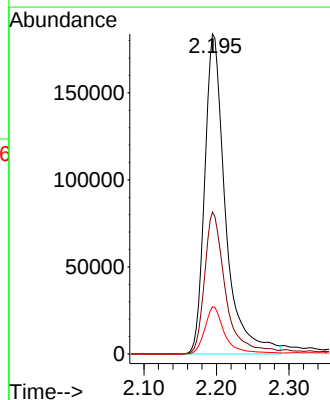
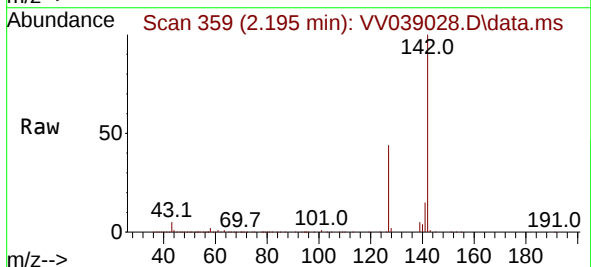
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

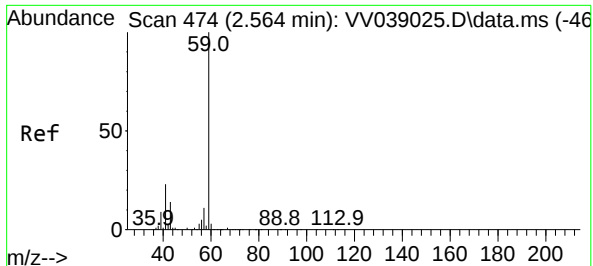
Tgt Ion:101 Resp: 368849
Ion Ratio Lower Upper
101 100
85 44.4 35.5 53.3
151 69.5 56.1 84.1



#10
Methyl Iodide
Concen: 48.381 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion:142 Resp: 365719
Ion Ratio Lower Upper
142 100
127 44.7 35.7 53.5
141 14.4 11.6 17.4

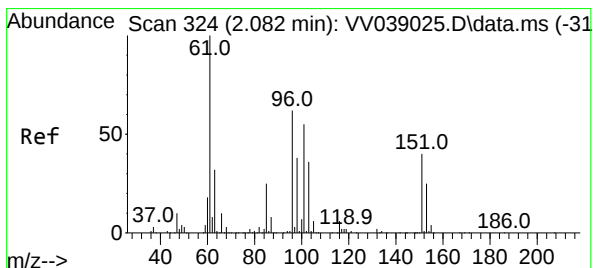
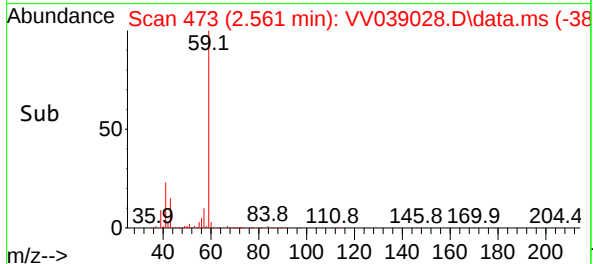
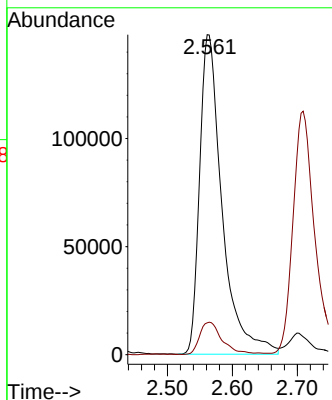
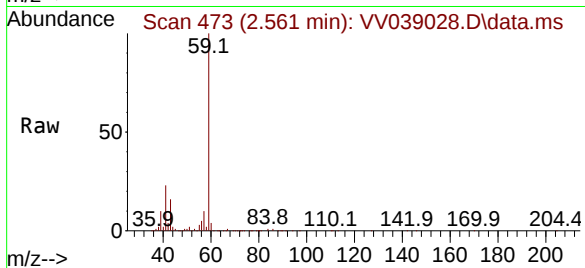




#11
Tert butyl alcohol
Concen: 239.238 ug/l
RT: 2.561 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

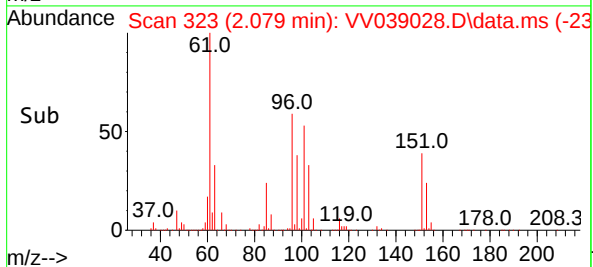
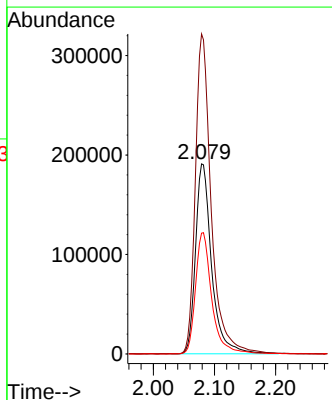
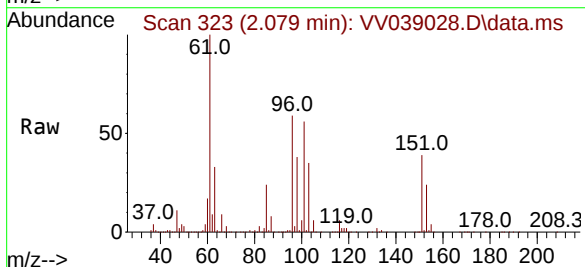
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

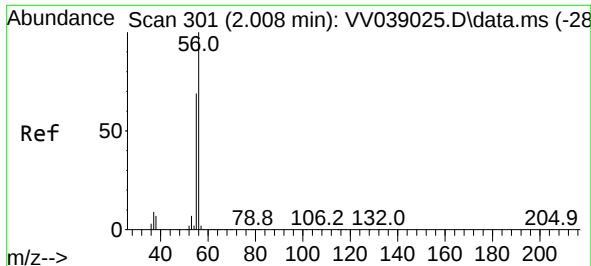
Tgt Ion: 59 Resp: 356178
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 44.035 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 96 Resp: 349871
Ion Ratio Lower Upper
96 100
61 168.5 128.2 192.2
98 63.6 49.3 73.9

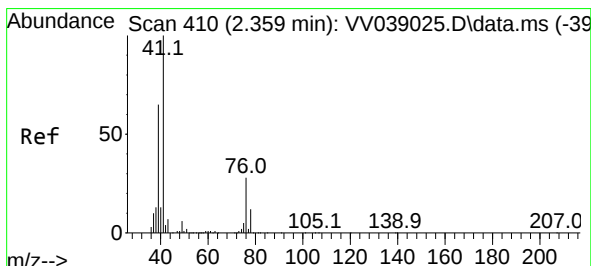
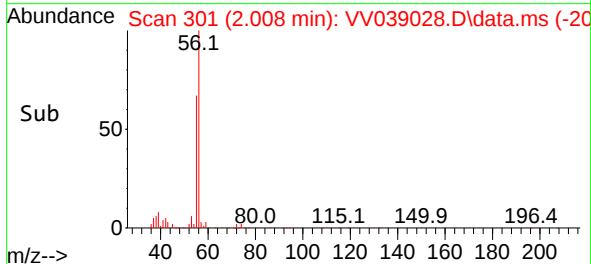
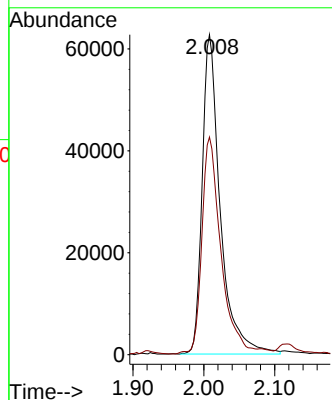
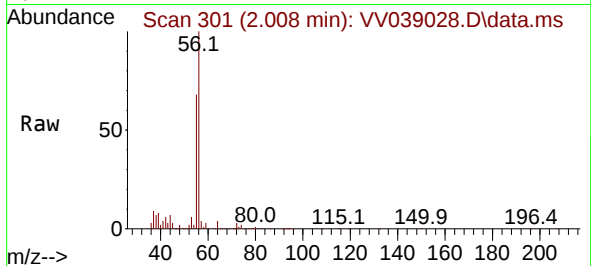




#13
Acrolein
Concen: 165.320 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

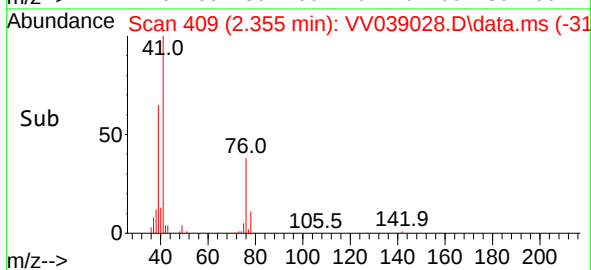
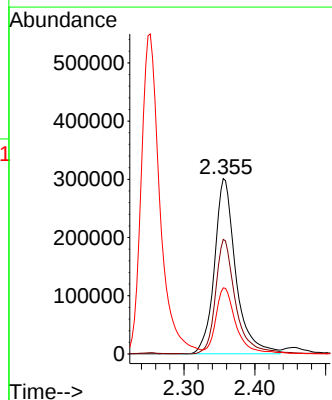
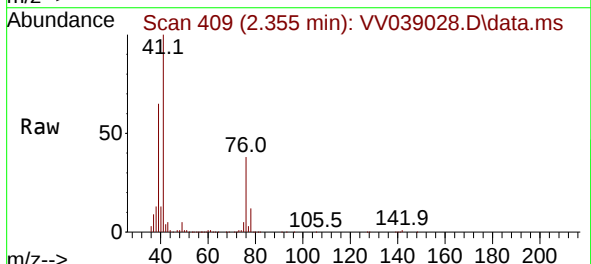
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

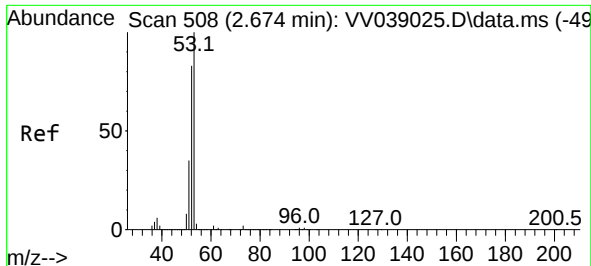
Tgt Ion: 56 Resp: 111127
Ion Ratio Lower Upper
56 100
55 71.1 54.7 82.1



#14
Allyl chloride
Concen: 50.404 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 41 Resp: 630342
Ion Ratio Lower Upper
41 100
39 61.4 48.5 72.7
76 35.8 29.0 43.6



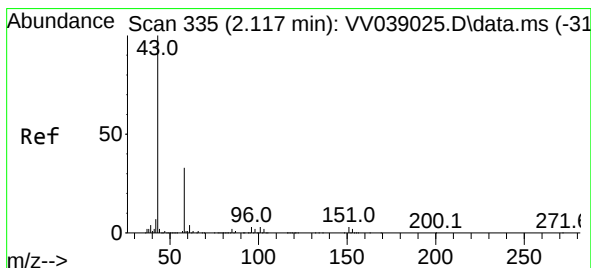
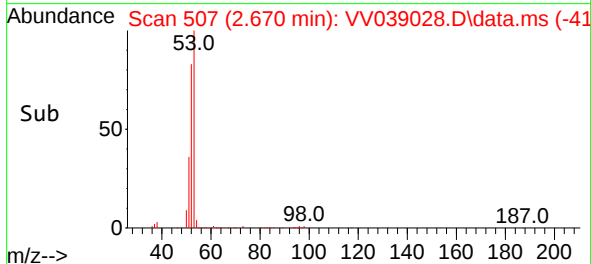
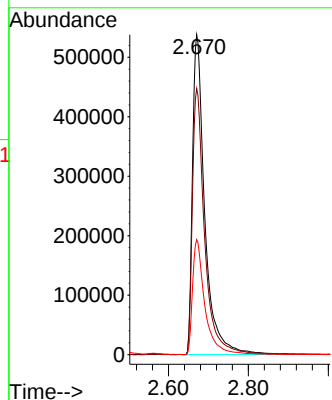
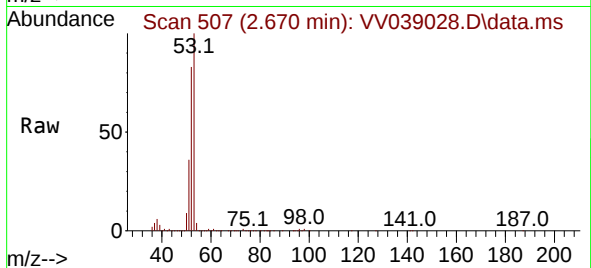


#15
 Acrylonitrile
 Concen: 260.323 ug/l
 RT: 2.670 min Scan# 508
 Delta R.T. -0.003 min
 Lab File: VV039028.D
 Acq: 25 Aug 2025 12:36

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV082525

Tgt Ion: 53 Resp: 1155857

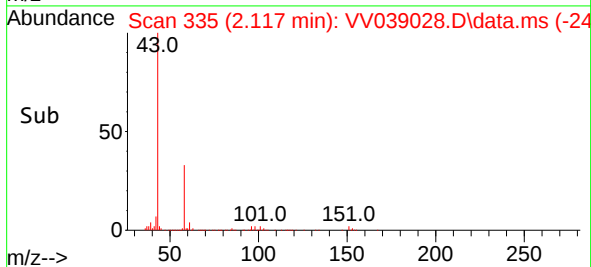
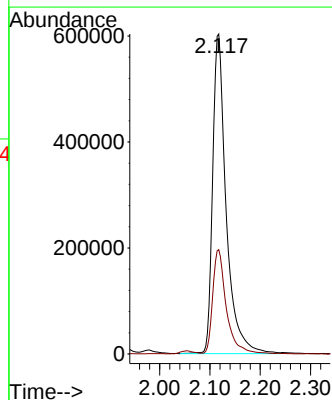
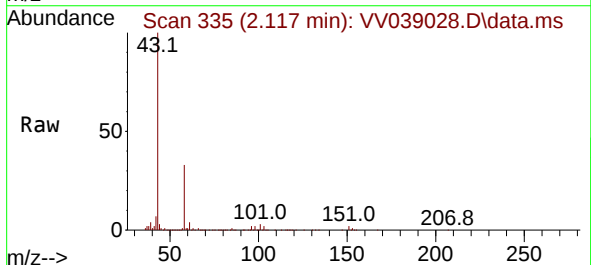
Ion	Ratio	Lower	Upper
53	100		
52	82.4	65.9	98.9
51	35.7	27.9	41.9

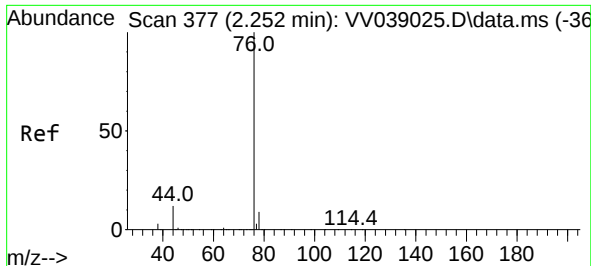


#16
 Acetone
 Concen: 214.652 ug/l
 RT: 2.117 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VV039028.D
 Acq: 25 Aug 2025 12:36

Tgt Ion: 43 Resp: 1124405

Ion	Ratio	Lower	Upper
43	100		
58	32.5	26.6	40.0

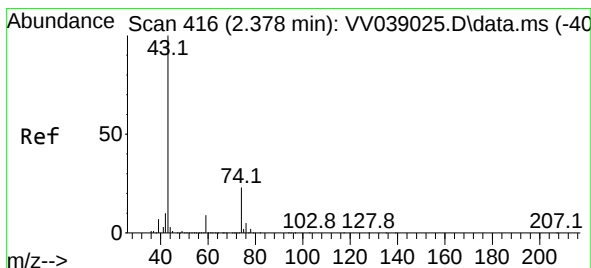
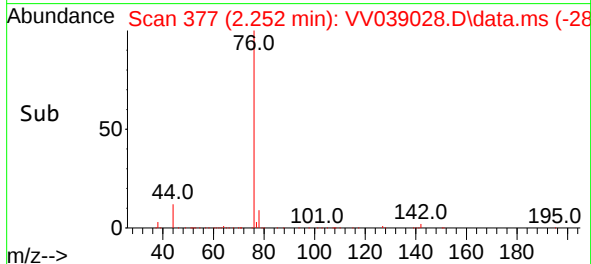
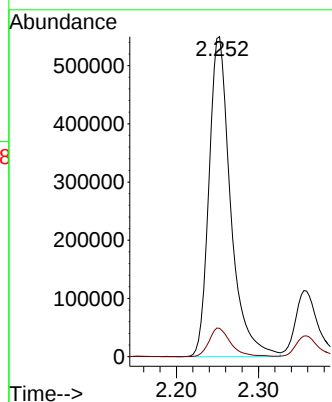
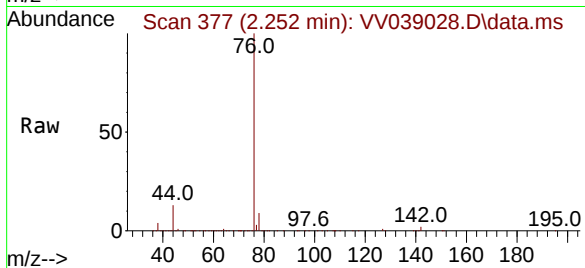




#17
Carbon Disulfide
Concen: 45.621 ug/l
RT: 2.252 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

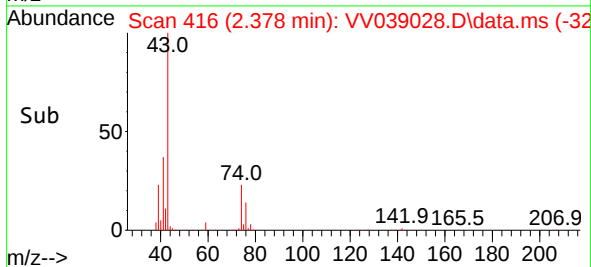
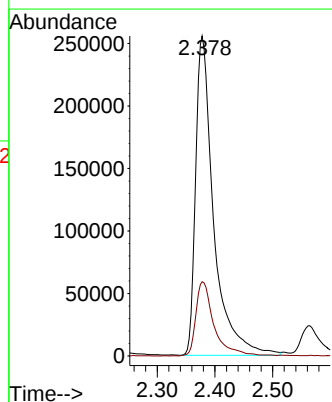
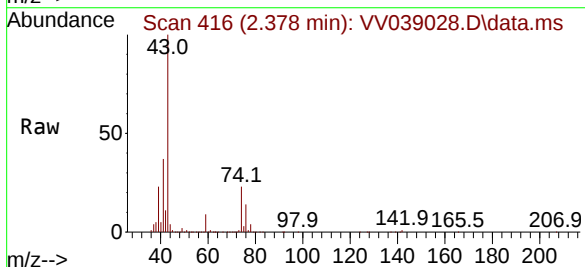
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

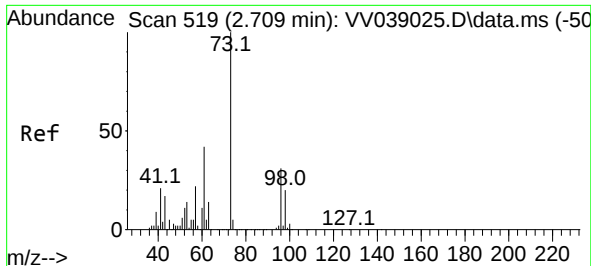
Tgt Ion: 76 Resp: 1006208
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#18
Methyl Acetate
Concen: 53.179 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 43 Resp: 553201
Ion Ratio Lower Upper
43 100
74 23.5 18.9 28.3

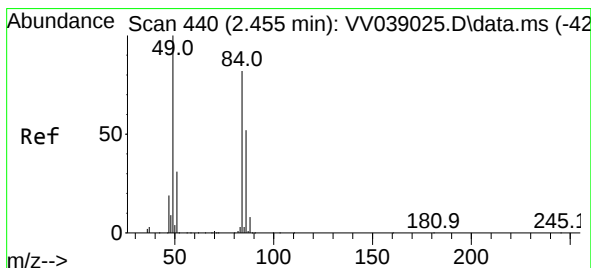
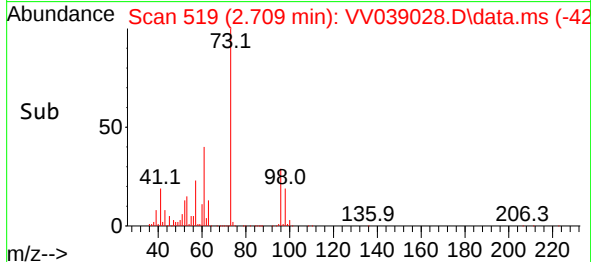
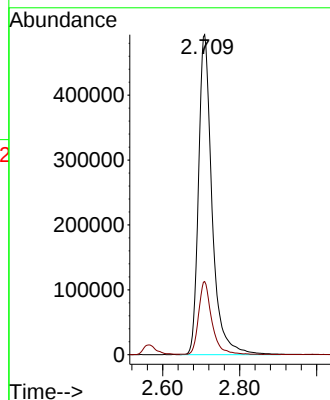
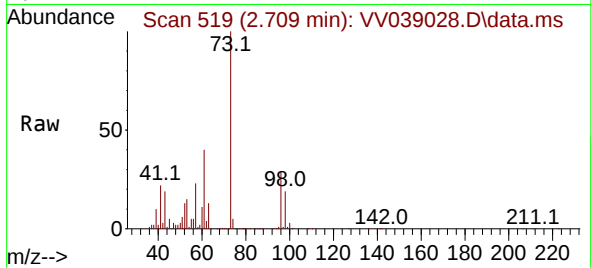




#19
Methyl tert-butyl Ether
Concen: 51.463 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

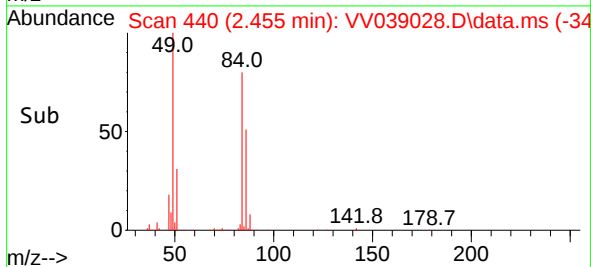
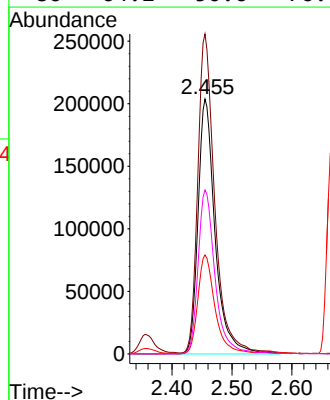
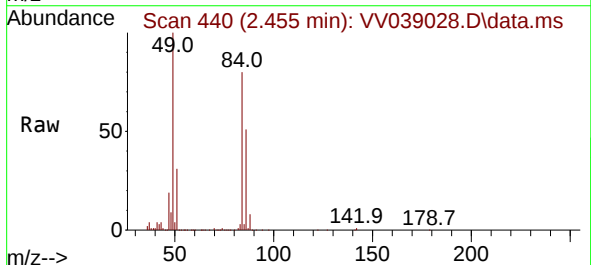
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

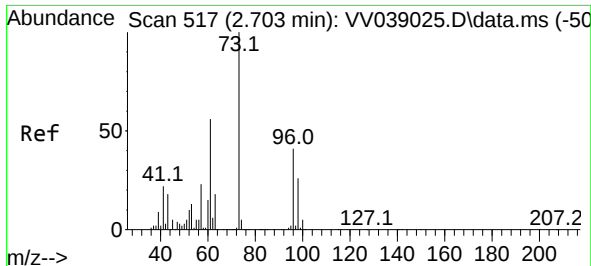
Tgt Ion: 73 Resp: 1204823
Ion Ratio Lower Upper
73 100
57 22.8 17.9 26.9



#20
Methylene Chloride
Concen: 47.284 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 84 Resp: 404470
Ion Ratio Lower Upper
84 100
49 125.1 97.8 146.8
51 38.7 30.3 45.5
86 64.2 50.6 76.0

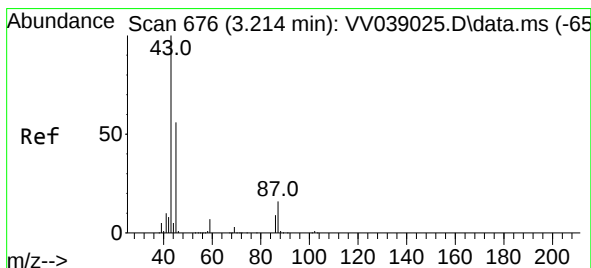
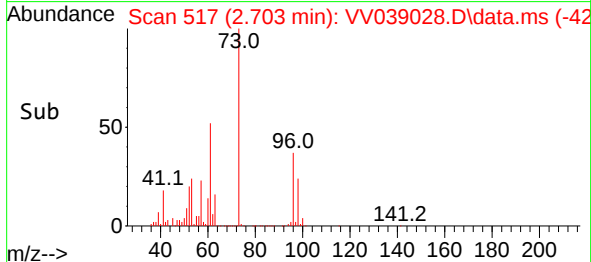
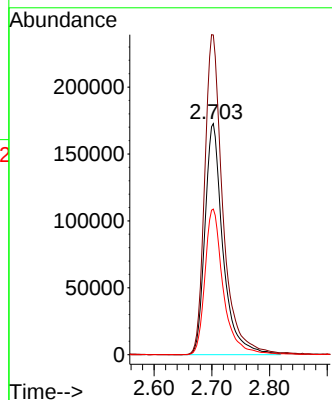
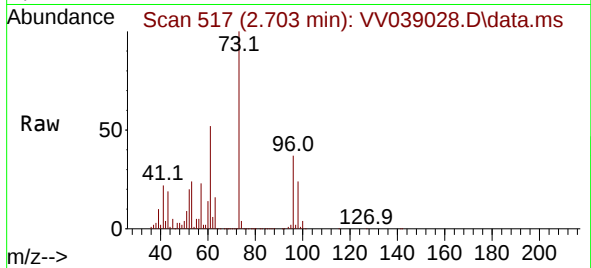




#21
trans-1,2-Dichloroethene
Concen: 47.051 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

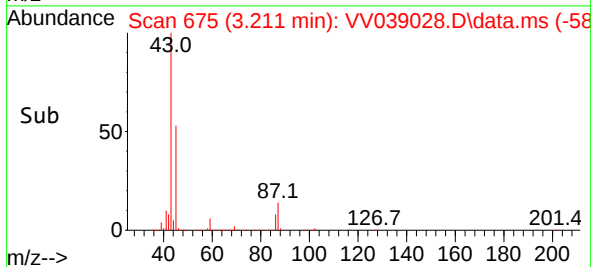
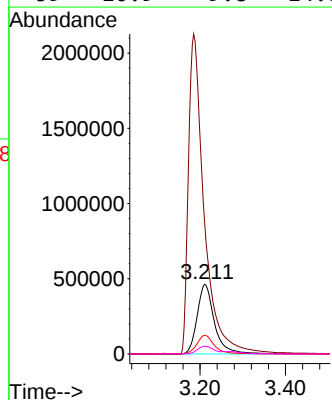
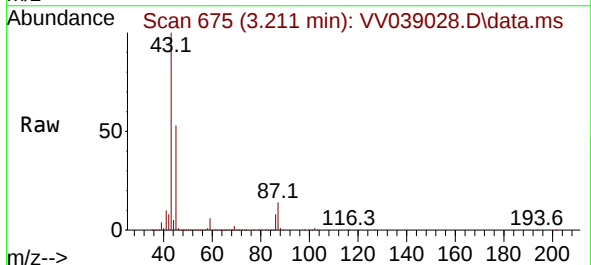
Instrument :
MSVOA_V
ClientSampleId :
ICVVV082525

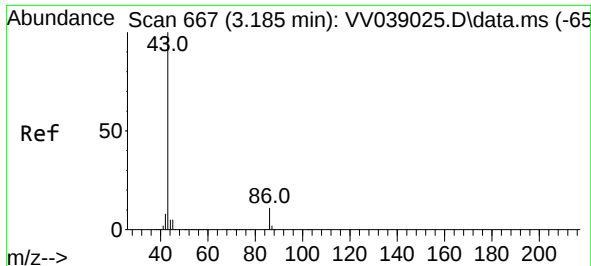
Tgt Ion: 96 Resp: 374697
Ion Ratio Lower Upper
96 100
61 138.3 110.1 165.1
98 63.0 50.2 75.4



#22
Diisopropyl ether
Concen: 57.118 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 45 Resp: 1299934
Ion Ratio Lower Upper
45 100
43 187.7 143.0 214.4
87 26.7 23.8 35.6
59 10.9 9.8 14.8

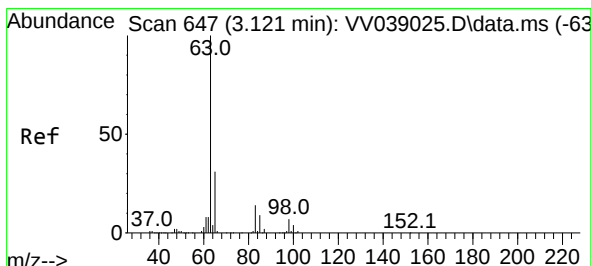
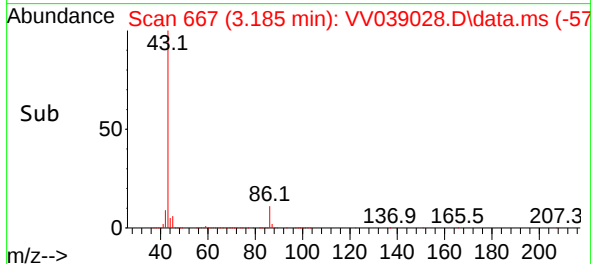
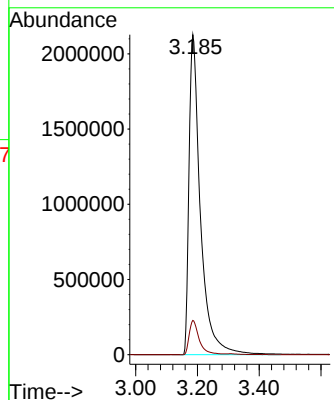
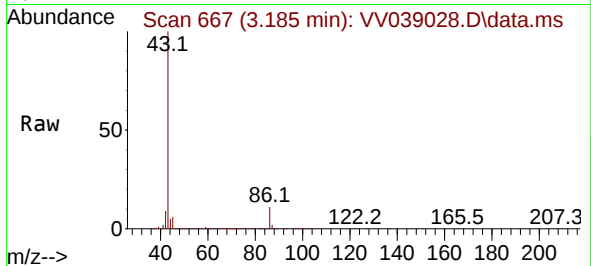




#23
 Vinyl Acetate
 Concen: 290.159 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. -0.000 min
 Lab File: VV039028.D
 Acq: 25 Aug 2025 12:36

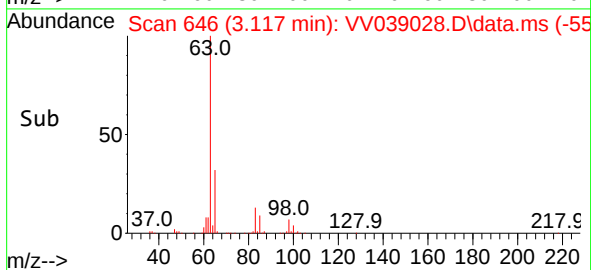
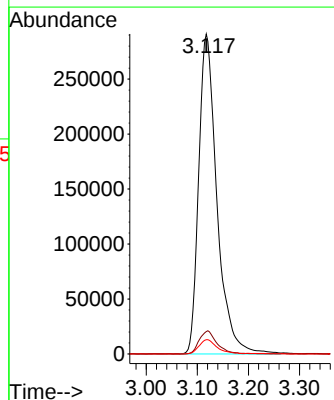
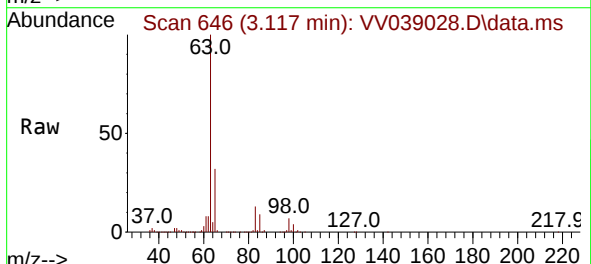
Instrument :
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 ClientSampleId :
 ICVV082525

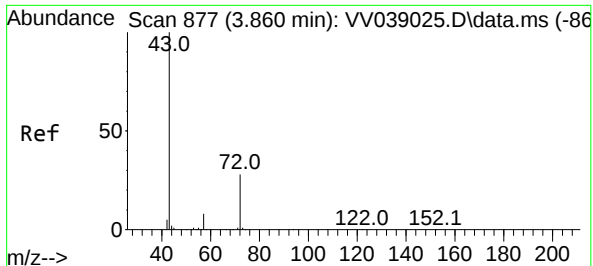
Tgt Ion: 43 Resp: 5473896
 Ion Ratio Lower Upper
 43 100
 86 10.7 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 50.669 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. -0.003 min
 Lab File: VV039028.D
 Acq: 25 Aug 2025 12:36

Tgt Ion: 63 Resp: 722411
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.6 10.9
 100 4.5 2.2 6.6

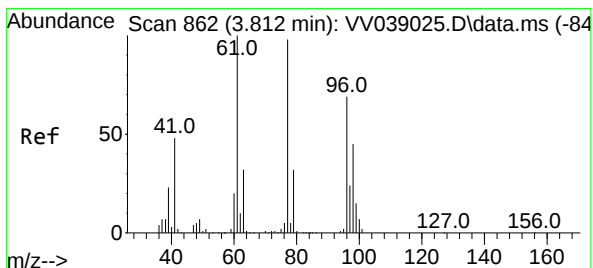
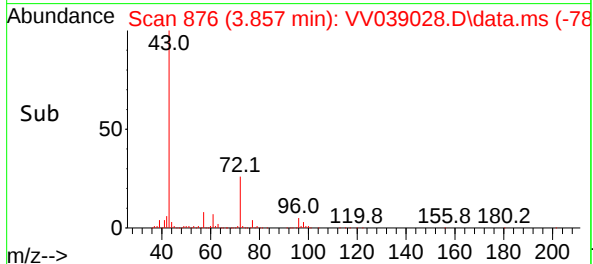
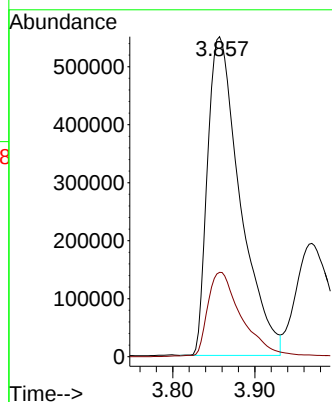
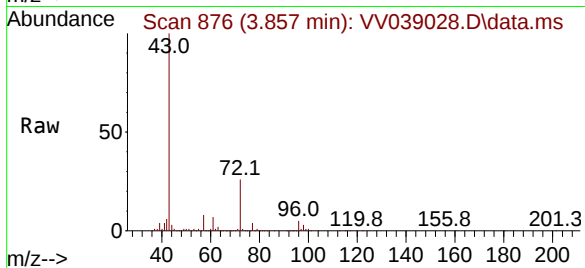




#25
2-Butanone
Concen: 265.473 ug/l
RT: 3.857 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

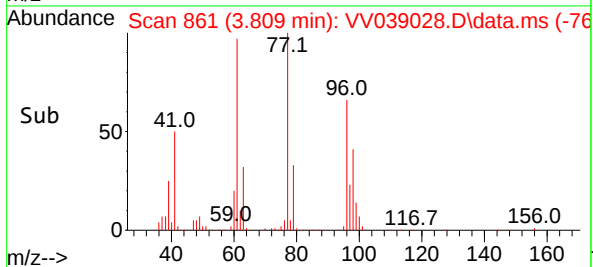
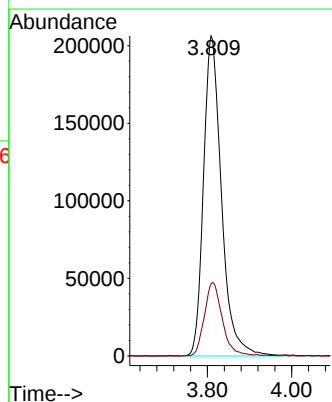
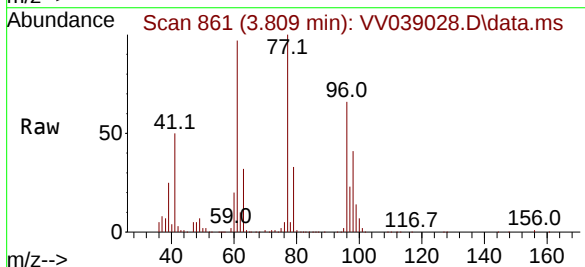
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

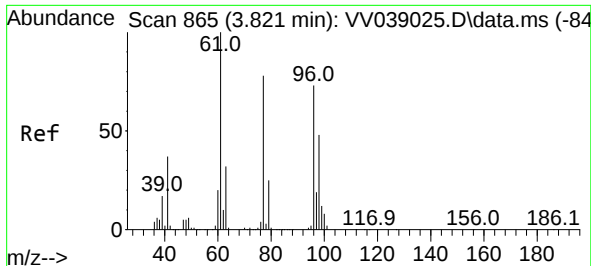
Tgt Ion: 43 Resp: 1522887
Ion Ratio Lower Upper
43 100
72 26.2 22.6 33.8



#26
2,2-Dichloropropane
Concen: 49.848 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 77 Resp: 610933
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.4



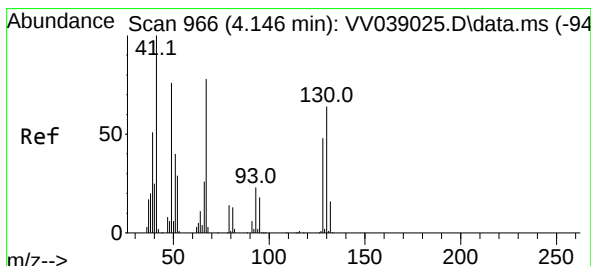
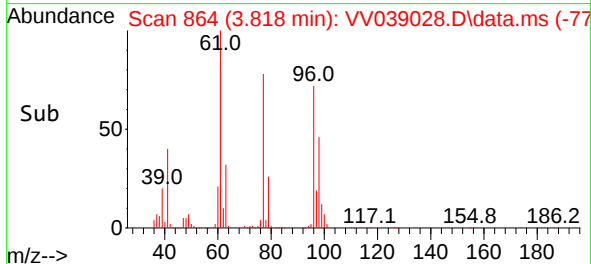
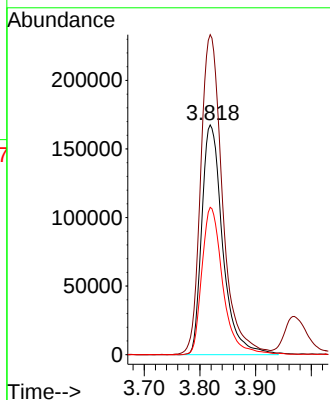
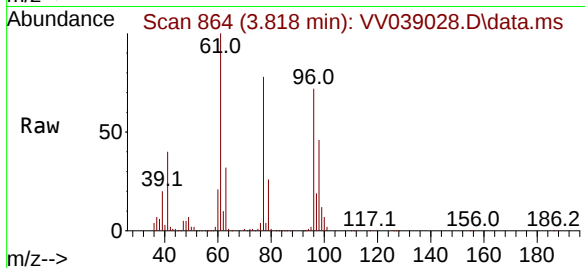


#27
 cis-1,2-Dichloroethene
 Concen: 49.472 ug/l
 RT: 3.818 min Scan# 865
 Delta R.T. -0.003 min
 Lab File: VV039028.D
 Acq: 25 Aug 2025 12:36

Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV082525

Tgt Ion: 96 Resp: 436651

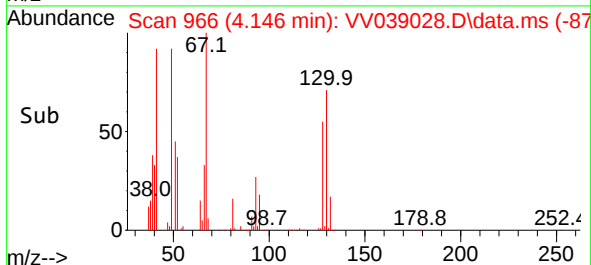
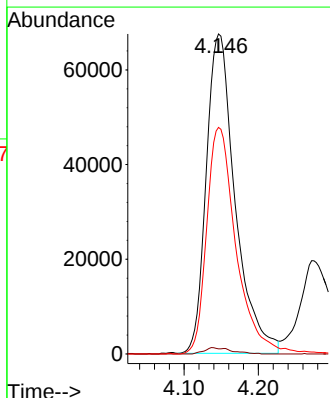
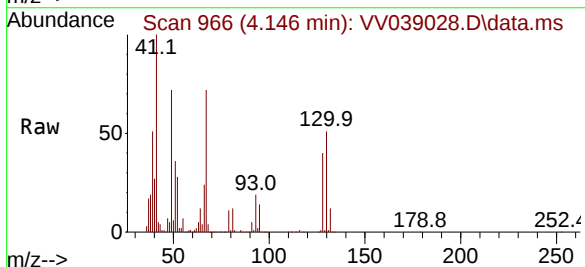
Ion	Ratio	Lower	Upper
96	100		
61	145.9	0.0	280.8
98	64.1	0.0	130.2

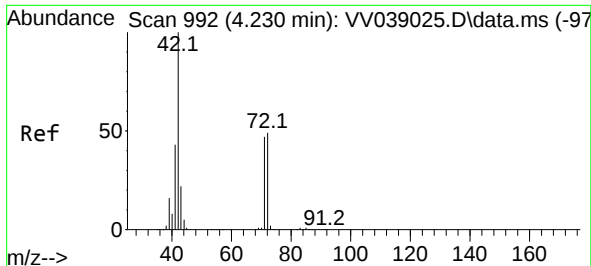


#28
 Bromochloromethane
 Concen: 58.152 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV039028.D
 Acq: 25 Aug 2025 12:36

Tgt Ion: 49 Resp: 182250

Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	4.4
130	72.0	64.9	97.3





#29

Tetrahydrofuran

Concen: 278.820 ug/l

RT: 4.227 min Scan# 991

Delta R.T. -0.003 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

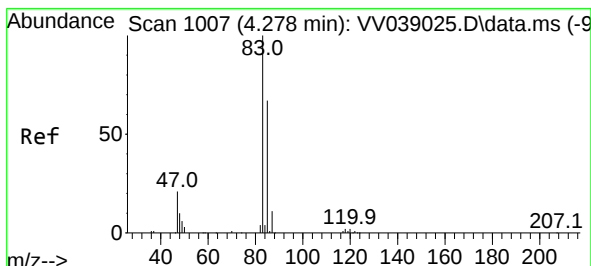
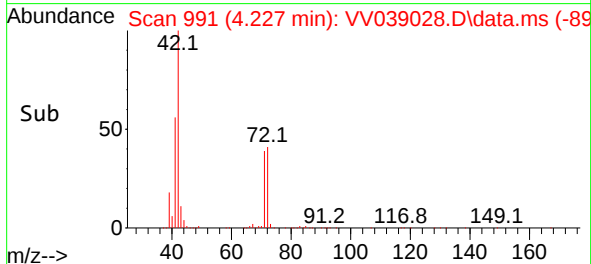
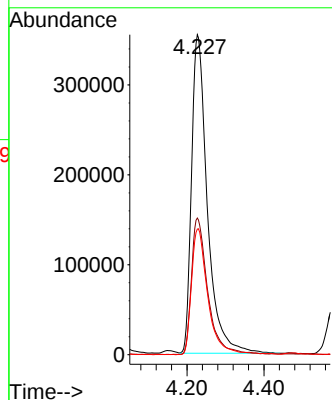
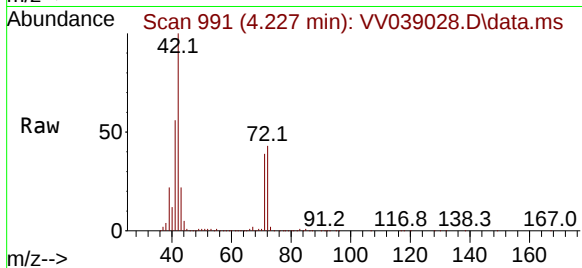
MSVOA_V

ClientSampleId :

ICVVV082525

Tgt Ion: 42 Resp: 1011163

Ion	Ratio	Lower	Upper
42	100		
72	43.6	39.0	58.4
71	40.7	37.0	55.6



#30

Chloroform

Concen: 49.123 ug/l

RT: 4.275 min Scan# 1006

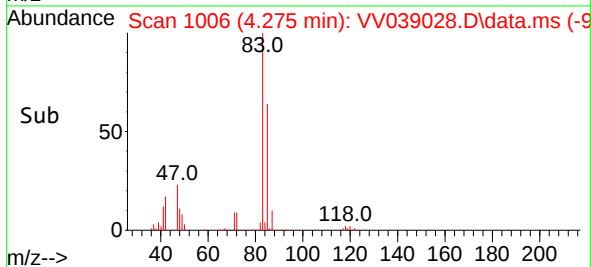
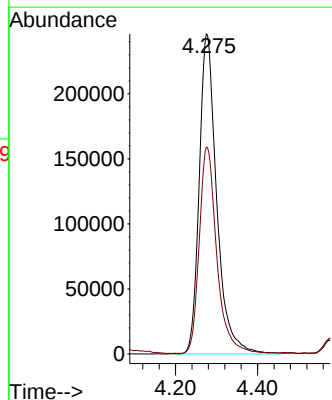
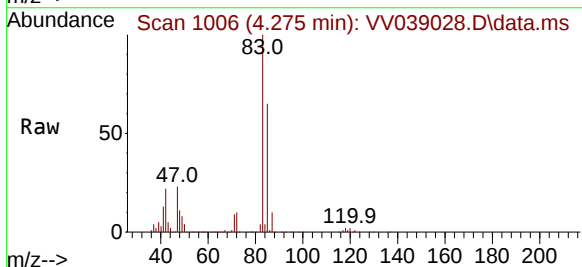
Delta R.T. -0.003 min

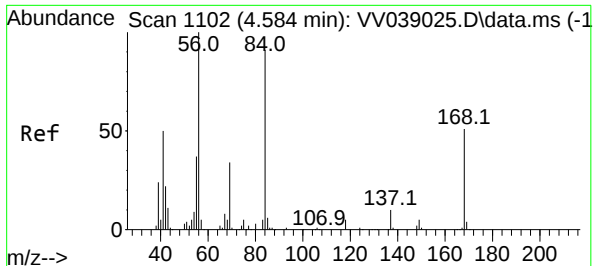
Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Tgt Ion: 83 Resp: 728459

Ion	Ratio	Lower	Upper
83	100		
85	64.5	53.2	79.8

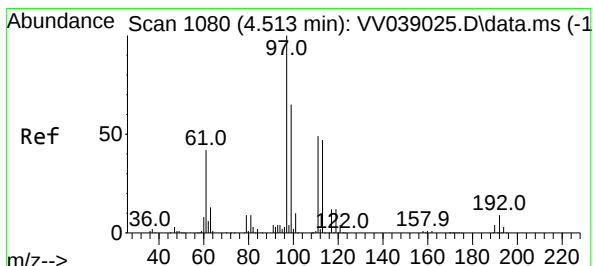
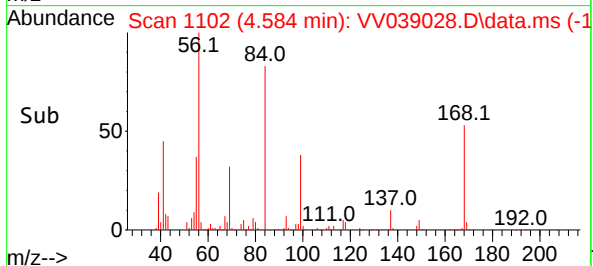
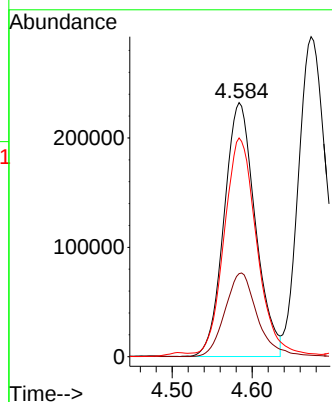
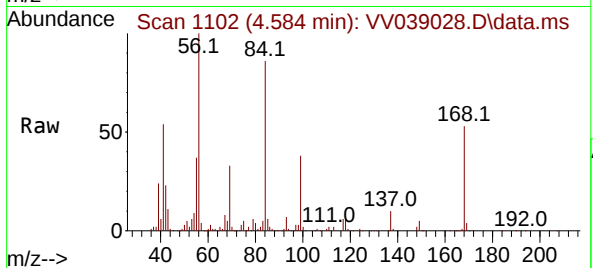




#31
Cyclohexane
Concen: 50.028 ug/l
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

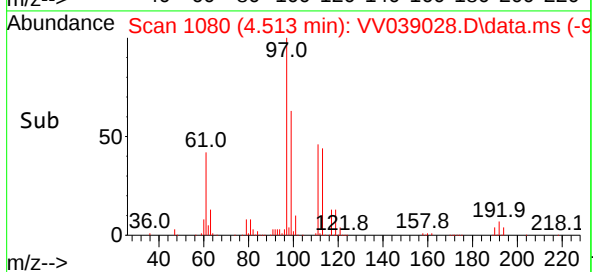
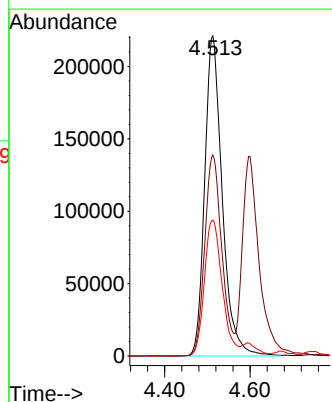
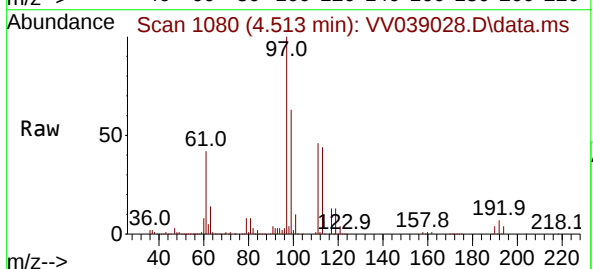
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

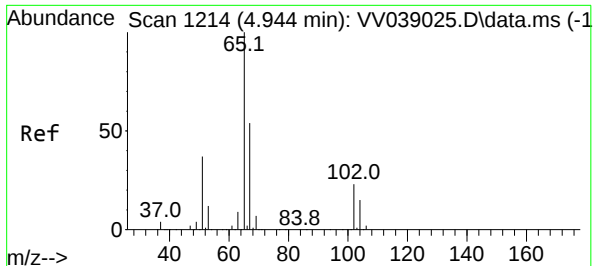
Tgt Ion: 56 Resp: 630819
Ion Ratio Lower Upper
56 100
69 32.6 27.0 40.4
84 84.6 72.9 109.3



#32
1,1,1-Trichloroethane
Concen: 48.302 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 97 Resp: 630499
Ion Ratio Lower Upper
97 100
99 61.1 49.8 74.6
61 43.0 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 49.160 ug/l

RT: 4.940 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

MSVOA_V

ClientSampleId :

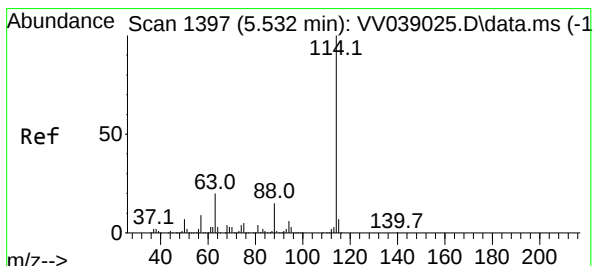
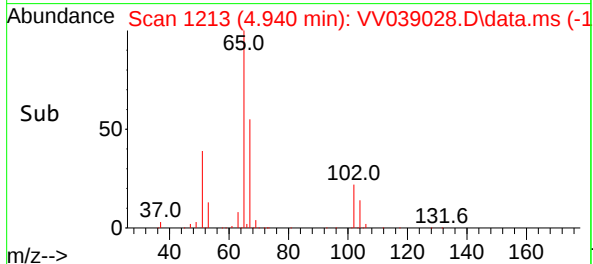
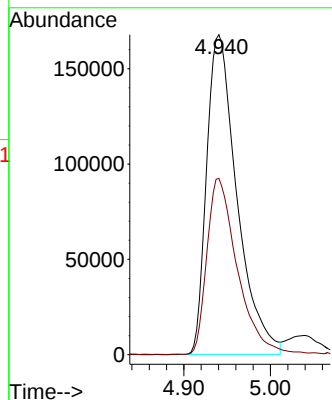
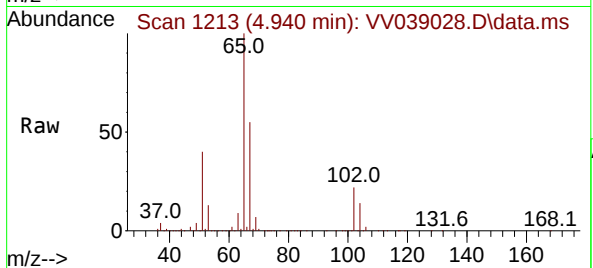
ICVV082525

Tgt Ion: 65 Resp: 407718

Ion Ratio Lower Upper

65 100

67 55.3 0.0 108.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

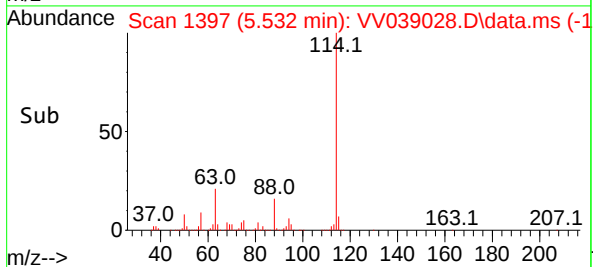
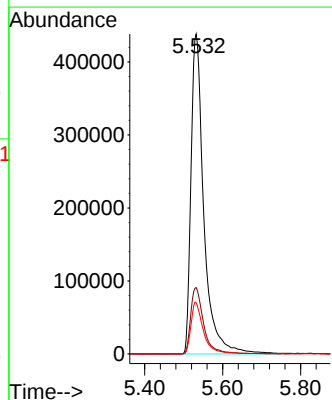
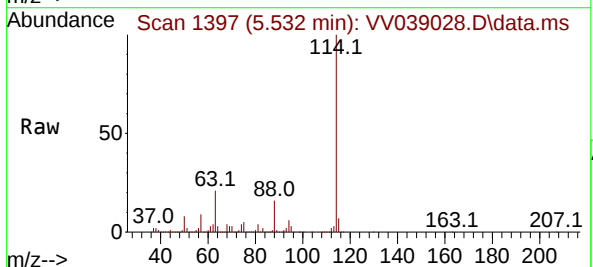
Tgt Ion: 114 Resp: 1002716

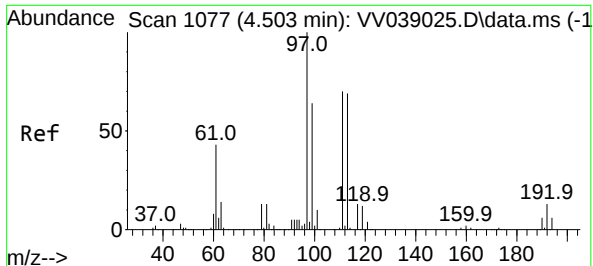
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.4

88 16.0 0.0 30.6

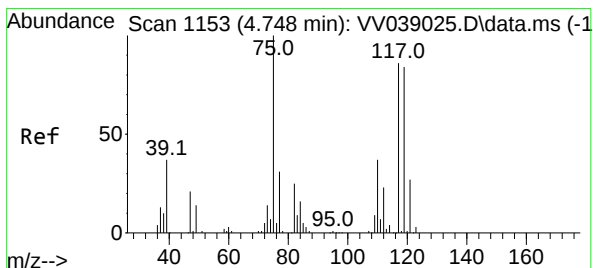
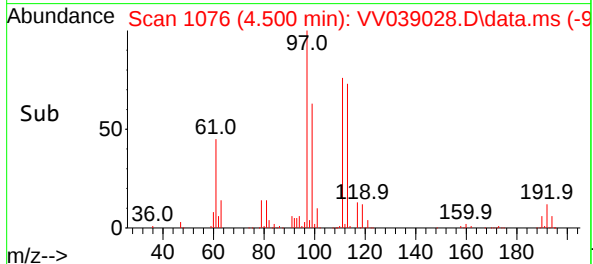
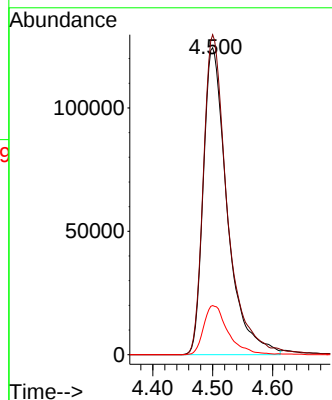
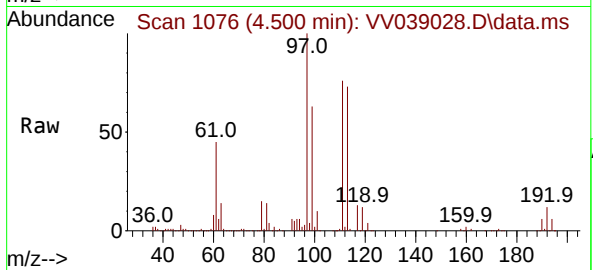




#35
Dibromofluoromethane
Concen: 47.808 ug/l
RT: 4.500 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

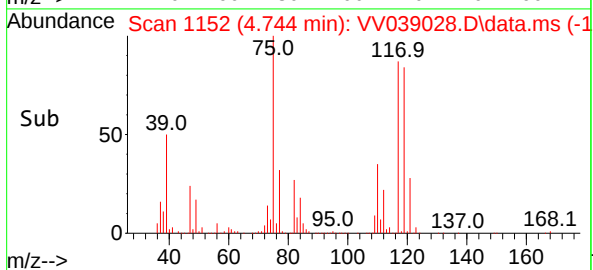
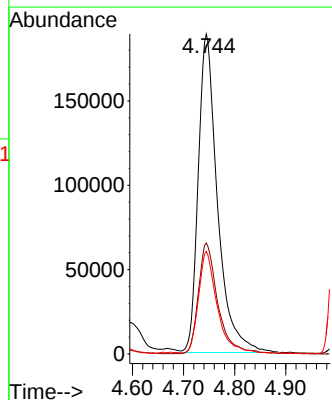
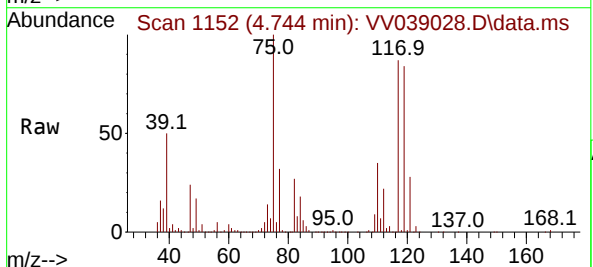
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

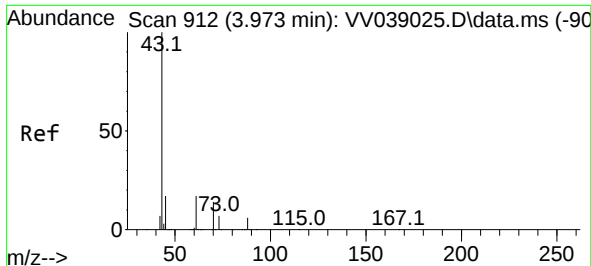
Tgt Ion:113 Resp: 345228
Ion Ratio Lower Upper
113 100
111 104.9 82.2 123.2
192 16.3 14.2 21.2



#36
1,1-Dichloropropene
Concen: 51.052 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 75 Resp: 495455
Ion Ratio Lower Upper
75 100
110 34.9 18.6 55.8
77 30.4 24.6 36.8

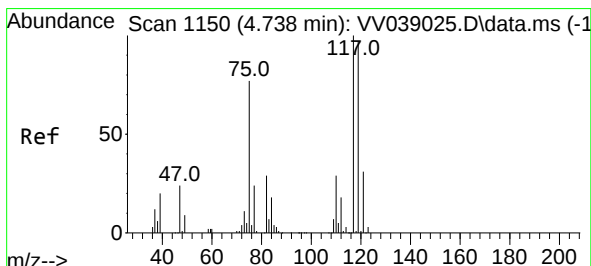
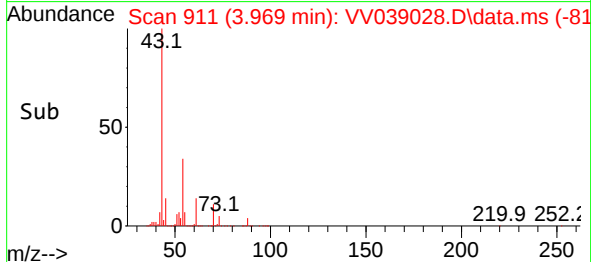
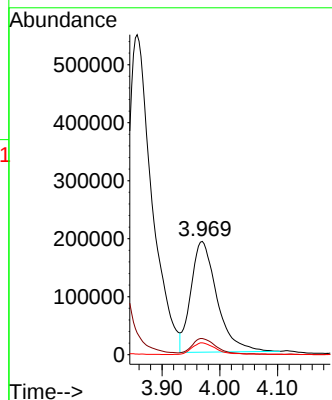
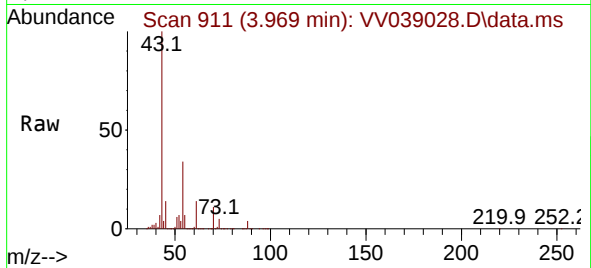




#37
Ethyl Acetate
Concen: 52.674 ug/l
RT: 3.969 min Scan# 911
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

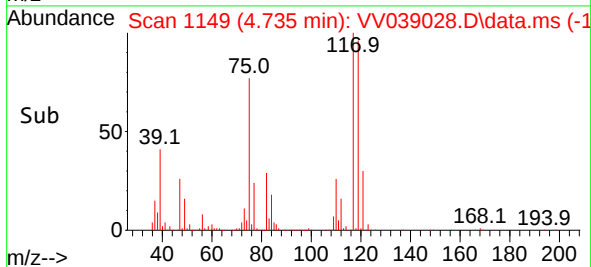
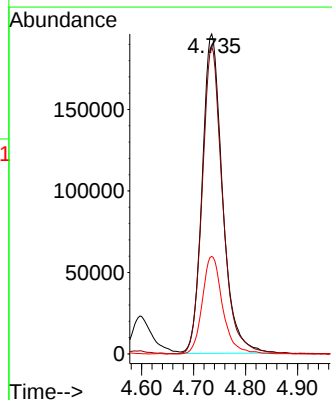
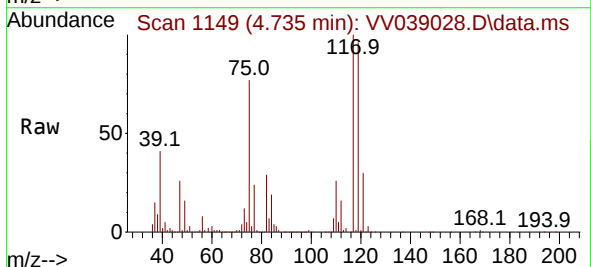
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

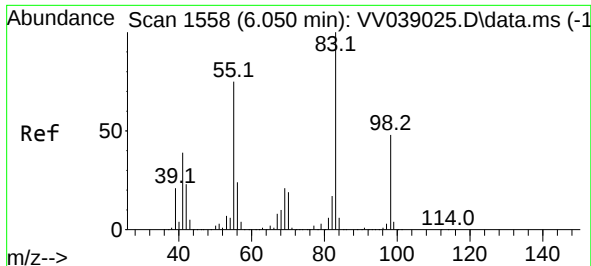
Tgt Ion: 43 Resp: 600016
Ion Ratio Lower Upper
43 100
61 12.6 10.6 16.0
70 9.4 8.6 13.0



#38
Carbon Tetrachloride
Concen: 45.813 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 117 Resp: 532416
Ion Ratio Lower Upper
117 100
119 96.1 77.8 116.6
121 30.6 24.9 37.3





#39

Methylcyclohexane

Concen: 52.372 ug/l

RT: 6.047 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

MSVOA_V

ClientSampleId :

ICVV082525

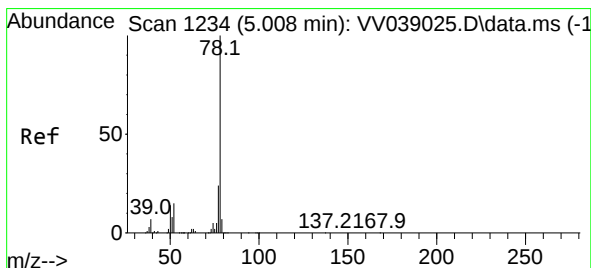
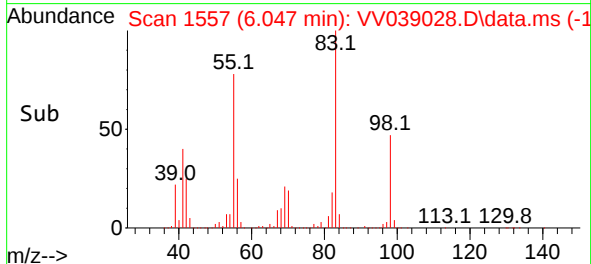
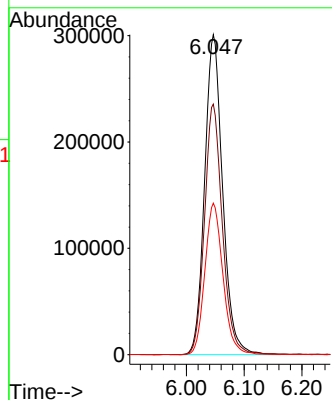
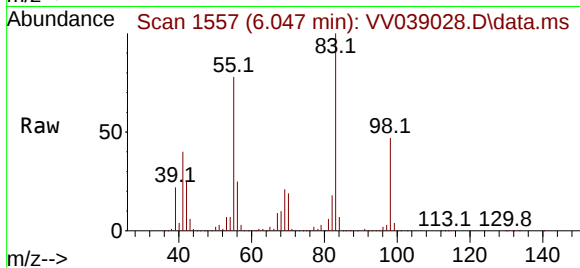
Tgt Ion: 83 Resp: 652473

Ion Ratio Lower Upper

83 100

55 78.3 59.8 89.6

98 47.3 38.2 57.2



#40

Benzene

Concen: 50.111 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV039028.D

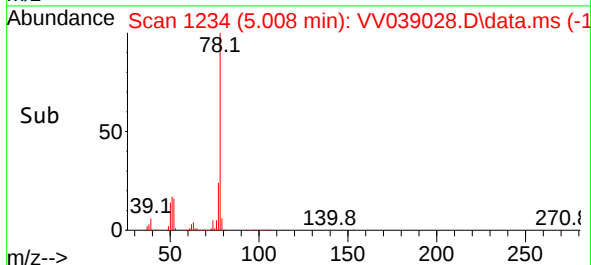
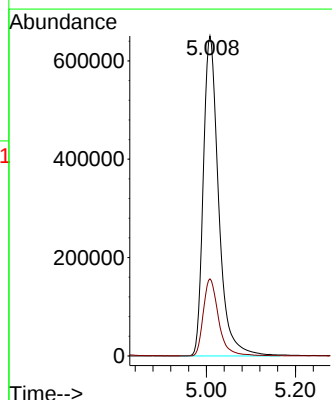
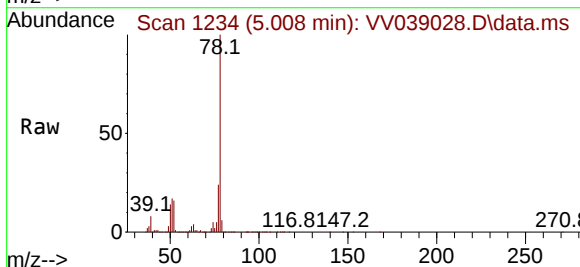
Acq: 25 Aug 2025 12:36

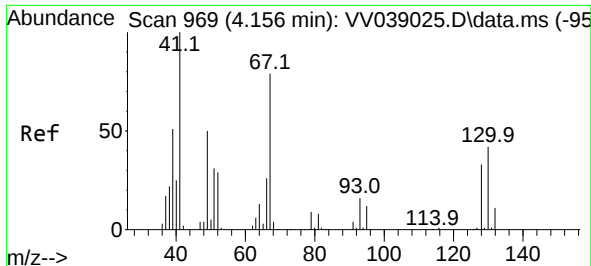
Tgt Ion: 78 Resp: 1554193

Ion Ratio Lower Upper

78 100

77 24.1 19.1 28.7

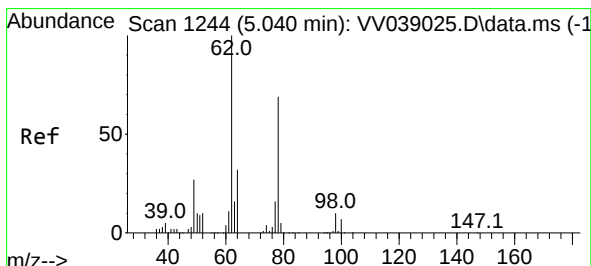
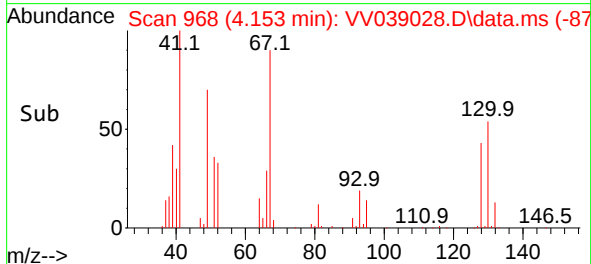
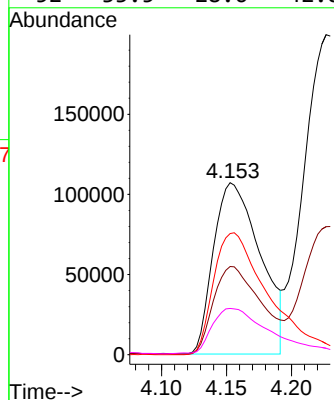
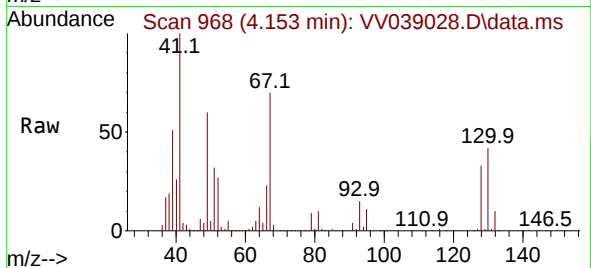




#41
Methacrylonitrile
Concen: 55.865 ug/l
RT: 4.153 min Scan# 968
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

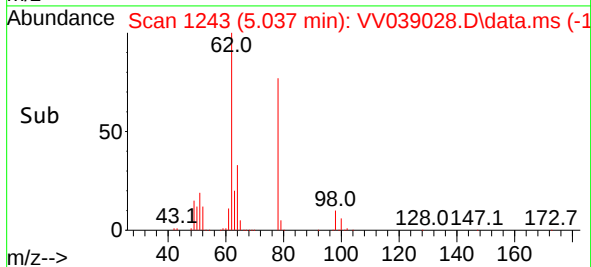
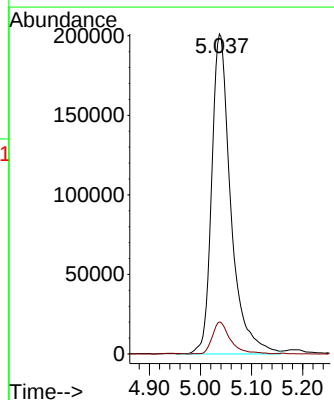
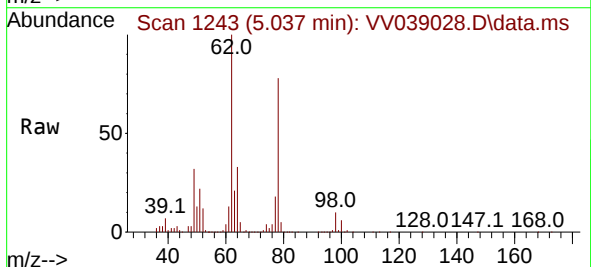
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

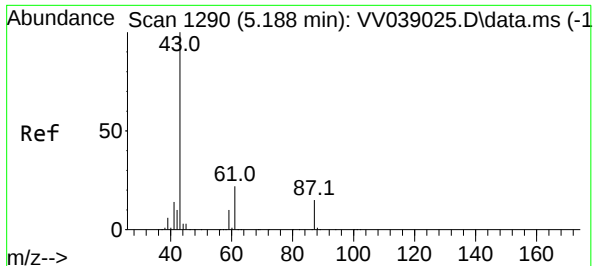
Tgt Ion: 41 Resp: 268047
Ion Ratio Lower Upper
41 100
39 52.7 42.7 64.1
67 88.1 74.5 111.7
52 33.5 28.6 42.8



#42
1,2-Dichloroethane
Concen: 48.353 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 62 Resp: 522926
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.8

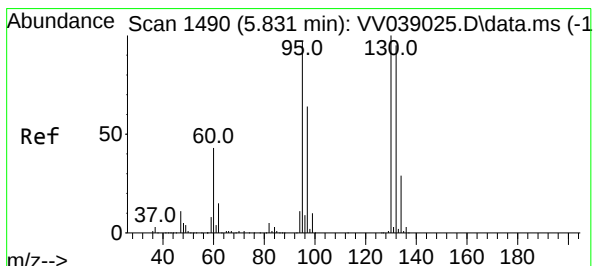
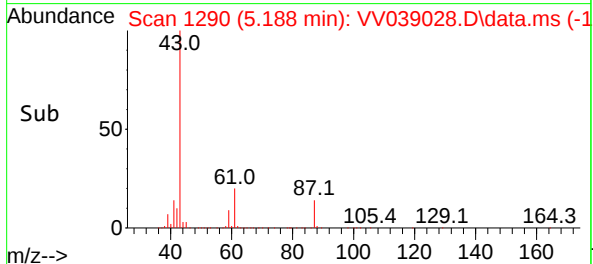
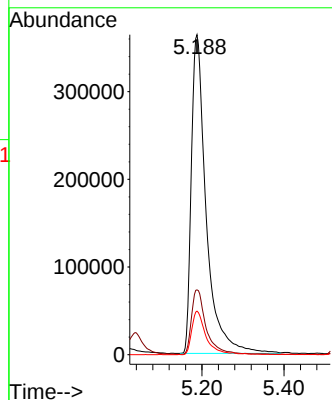
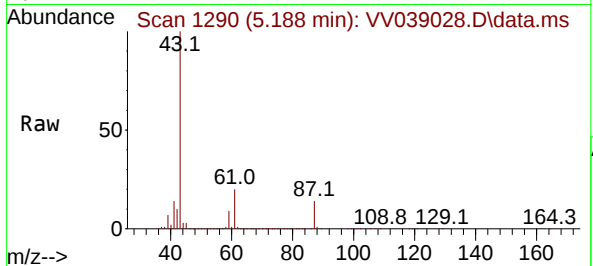




#43
Isopropyl Acetate
Concen: 56.419 ug/l
RT: 5.188 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

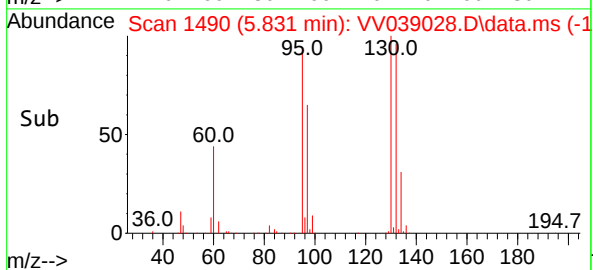
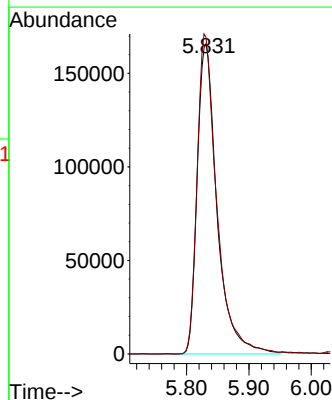
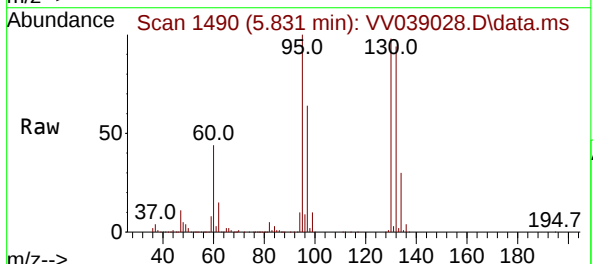
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

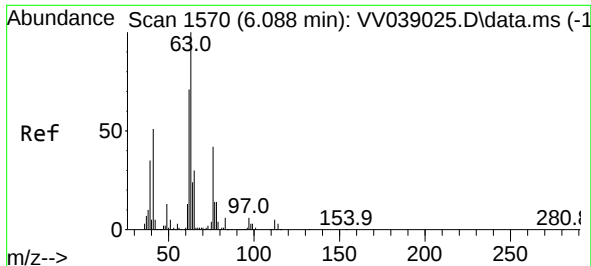
Tgt Ion: 43 Resp: 914392
Ion Ratio Lower Upper
43 100
61 19.6 16.6 25.0
87 12.8 11.7 17.5



#44
Trichloroethene
Concen: 47.146 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion:130 Resp: 367135
Ion Ratio Lower Upper
130 100
95 102.1 0.0 194.4





#45

1,2-Dichloropropane

Concen: 48.664 ug/l

RT: 6.088 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

MSVOA_V

ClientSampleId :

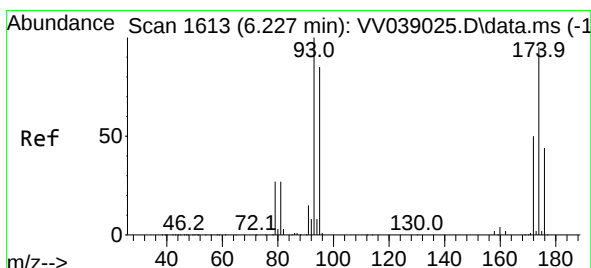
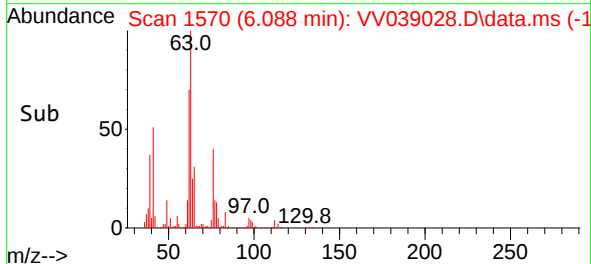
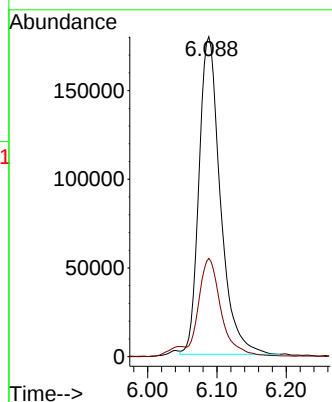
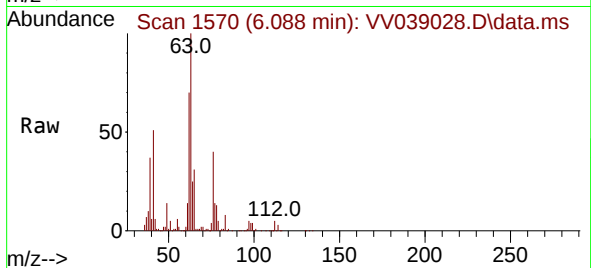
ICVV082525

Tgt Ion: 63 Resp: 383699

Ion Ratio Lower Upper

63 100

65 30.7 24.2 36.4



#46

Dibromomethane

Concen: 47.578 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. -0.003 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

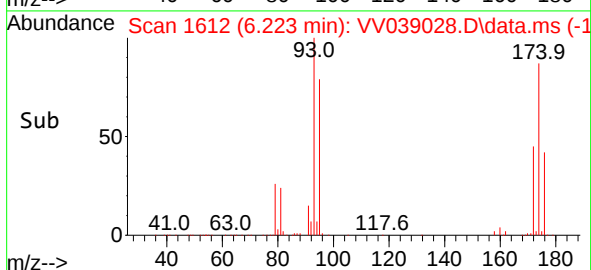
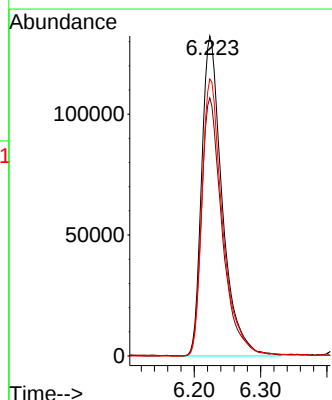
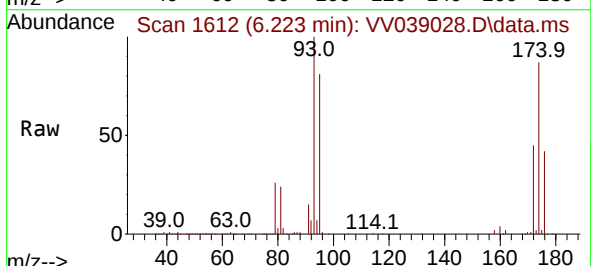
Tgt Ion: 93 Resp: 284498

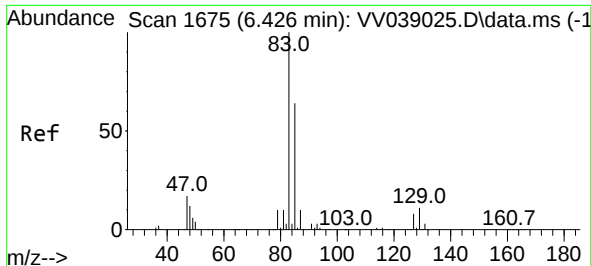
Ion Ratio Lower Upper

93 100

95 81.5 66.1 99.1

174 86.4 73.5 110.3

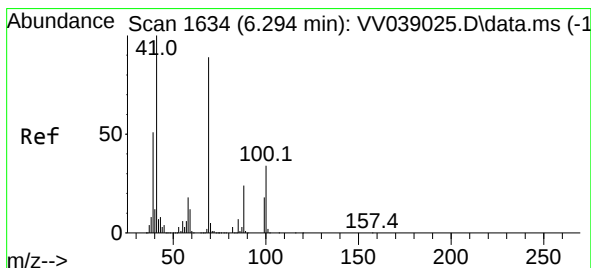
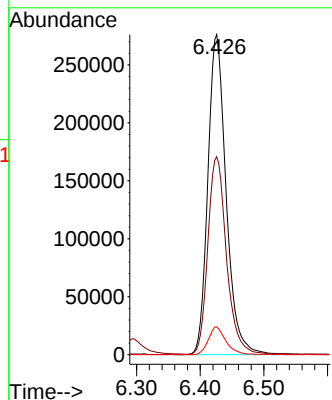
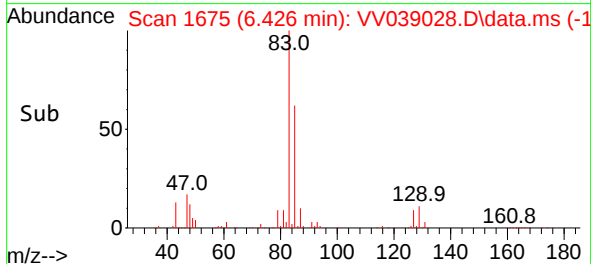
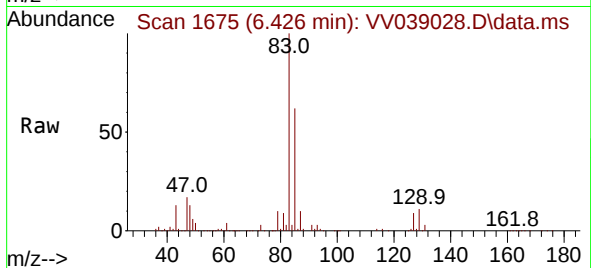




#47
Bromodichloromethane
Concen: 44.761 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

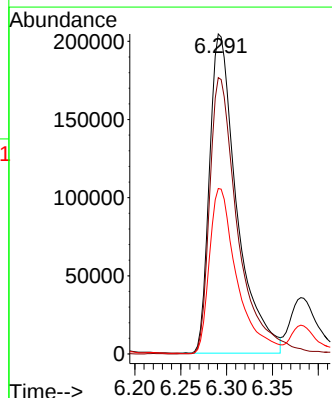
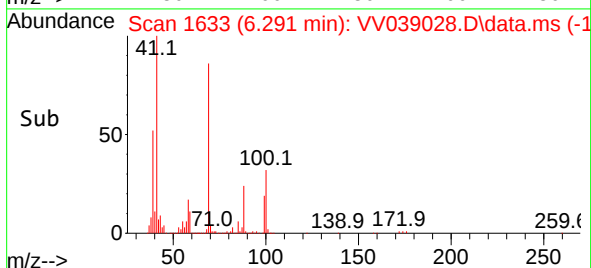
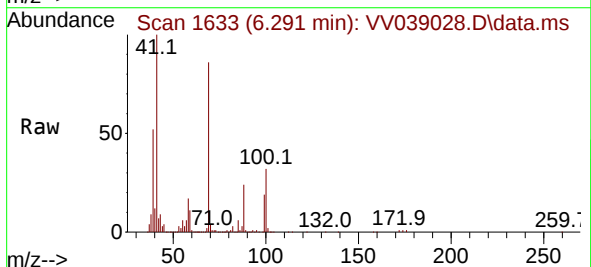
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

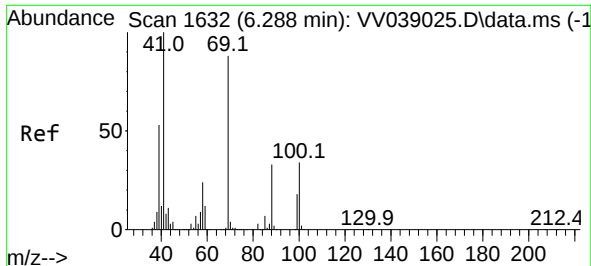
Tgt Ion: 83 Resp: 551489
Ion Ratio Lower Upper
83 100
85 61.7 51.0 76.4
127 8.7 6.7 10.1



#48
Methyl methacrylate
Concen: 53.413 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 41 Resp: 422576
Ion Ratio Lower Upper
41 100
69 89.9 73.5 110.3
39 52.2 41.3 61.9





#49

1,4-Dioxane

Concen: 966.239 ug/l

RT: 6.284 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

MSVOA_V

ClientSampleId :

ICVV082525

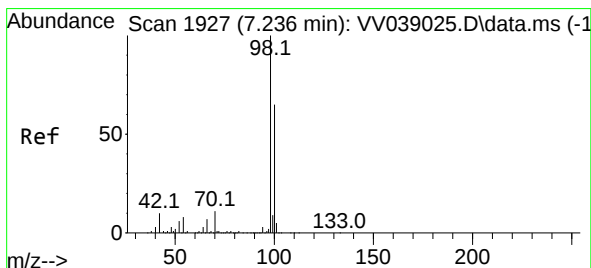
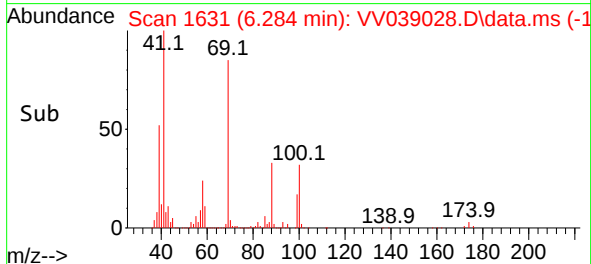
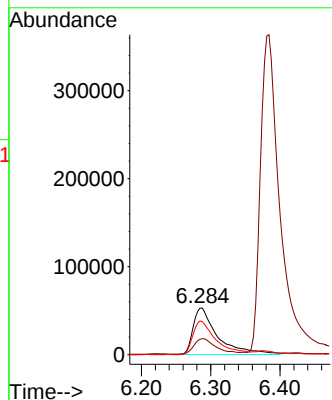
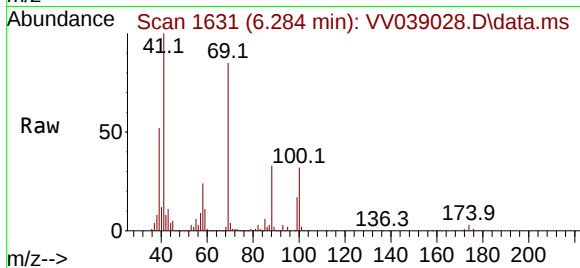
Tgt Ion: 88 Resp: 129242

Ion Ratio Lower Upper

88 100

43 30.7 25.4 38.2

58 68.9 58.4 87.6



#50

Toluene-d8

Concen: 45.185 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV039028.D

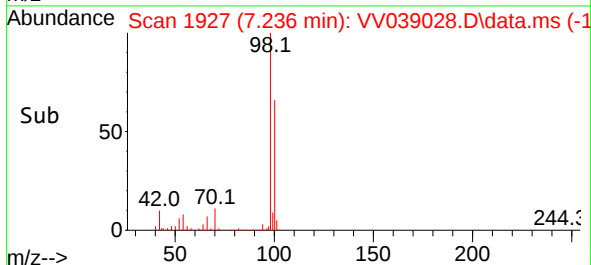
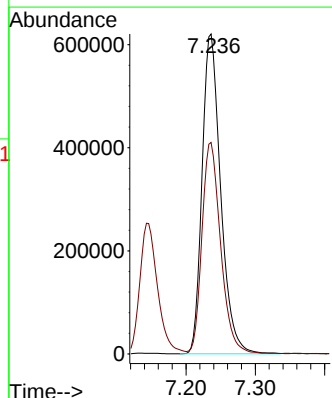
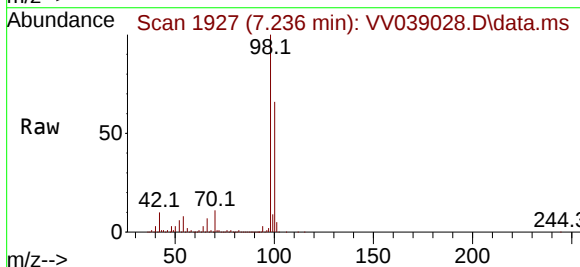
Acq: 25 Aug 2025 12:36

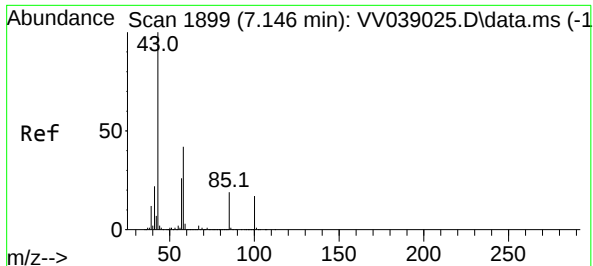
Tgt Ion: 98 Resp: 1155276

Ion Ratio Lower Upper

98 100

100 66.5 52.6 79.0

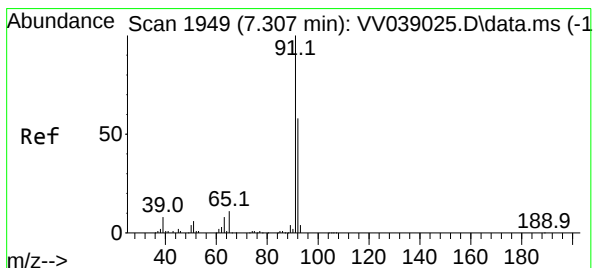
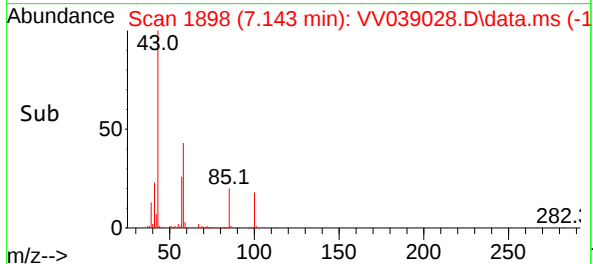
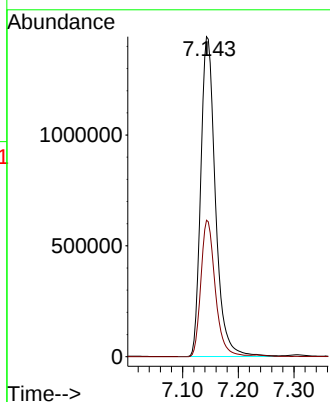
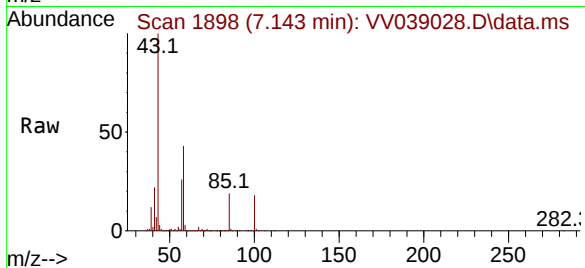




#51
4-Methyl-2-Pentanone
Concen: 232.078 ug/l
RT: 7.143 min Scan# 1899
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

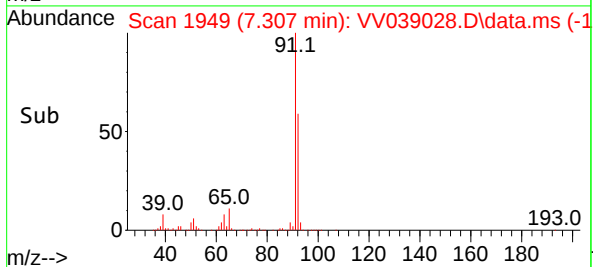
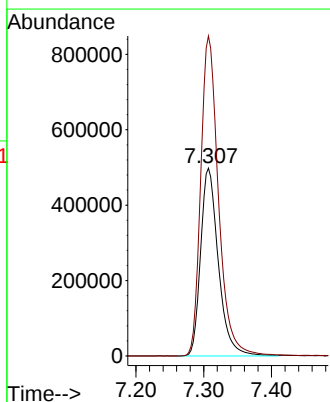
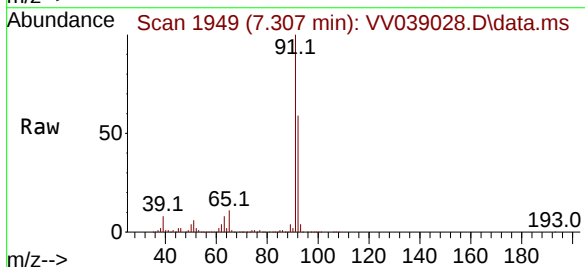
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

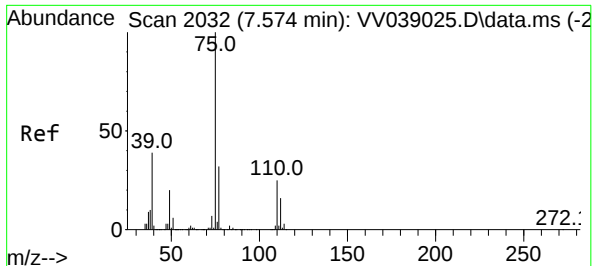
Tgt Ion: 43 Resp: 2645673
Ion Ratio Lower Upper
43 100
58 41.8 33.2 49.8



#52
Toluene
Concen: 45.722 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 92 Resp: 904458
Ion Ratio Lower Upper
92 100
91 171.1 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 46.679 ug/l

RT: 7.571 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

MSVOA_V

ClientSampleId :

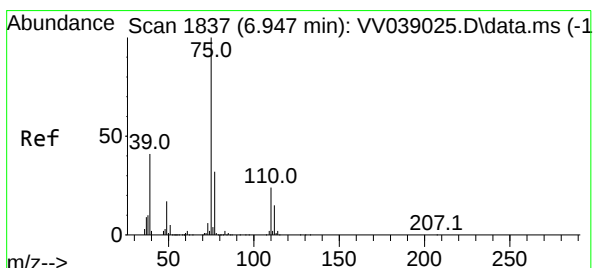
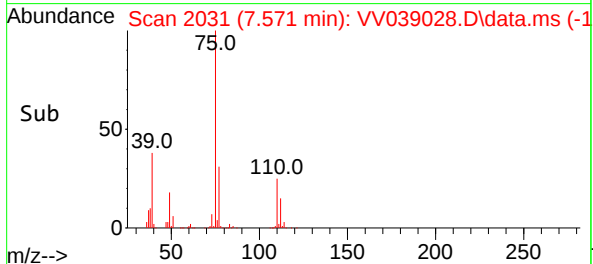
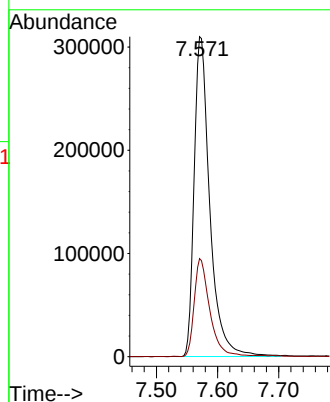
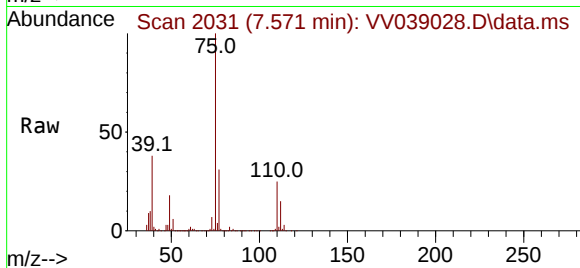
ICVV082525

Tgt Ion: 75 Resp: 552106

Ion Ratio Lower Upper

75 100

77 30.6 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 46.834 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

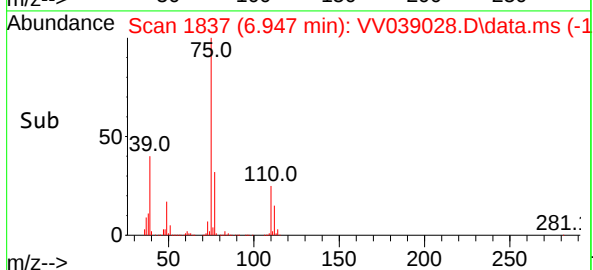
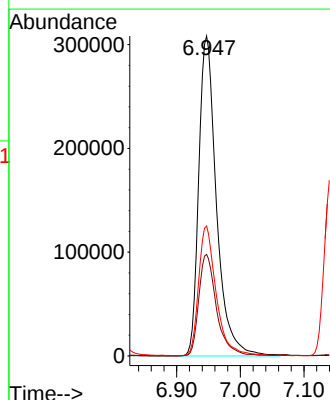
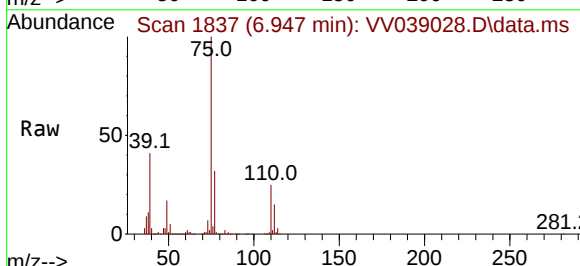
Tgt Ion: 75 Resp: 595072

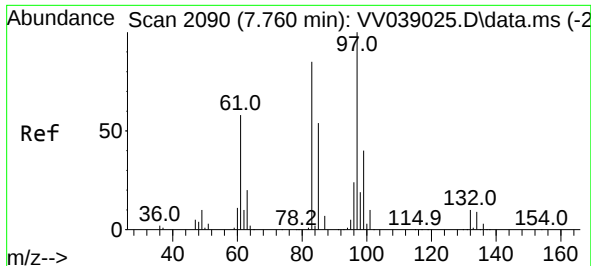
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 40.5 32.5 48.7





#55

1,1,2-Trichloroethane

Concen: 43.149 ug/l

RT: 7.760 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

MSVOA_V

ClientSampleId :

ICVV082525

Tgt Ion: 97 Resp: 356105

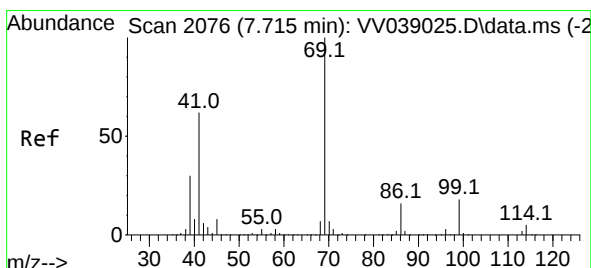
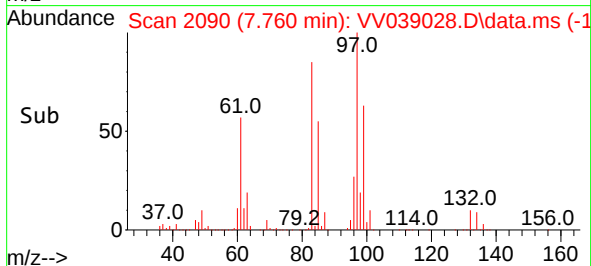
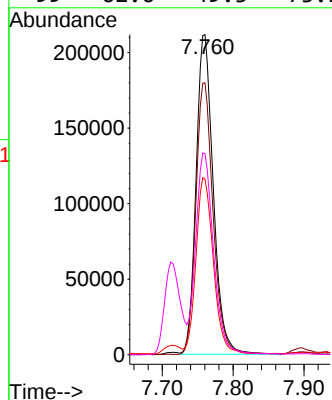
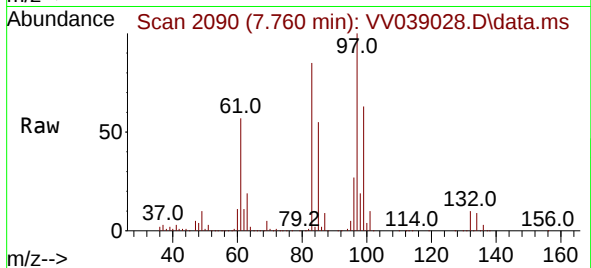
Ion Ratio Lower Upper

97 100

83 84.9 68.1 102.1

85 54.6 44.5 66.7

99 62.6 49.3 73.9



#56

Ethyl methacrylate

Concen: 50.442 ug/l

RT: 7.712 min Scan# 2075

Delta R.T. -0.003 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

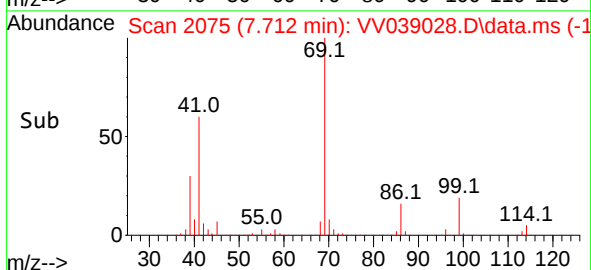
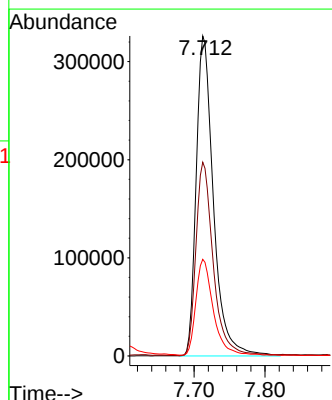
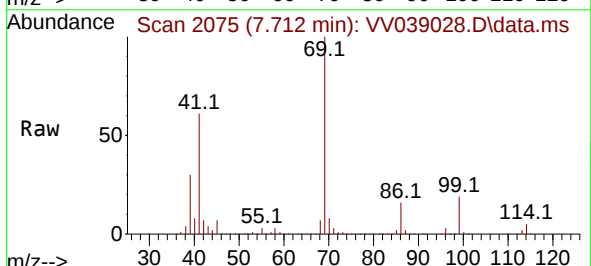
Tgt Ion: 69 Resp: 552173

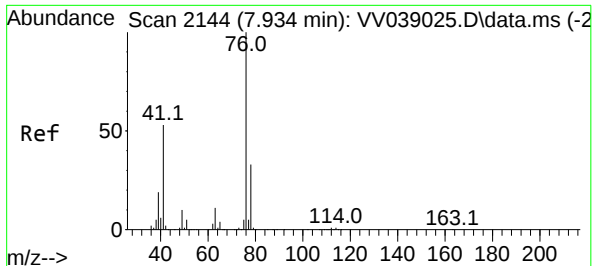
Ion Ratio Lower Upper

69 100

41 60.5 49.4 74.2

39 30.0 24.0 36.0





#57

1,3-Dichloropropane

Concen: 44.939 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

MSVOA_V

ClientSampleId :

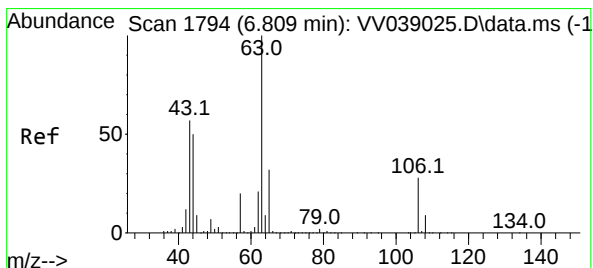
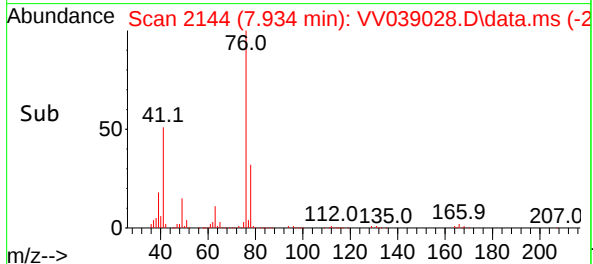
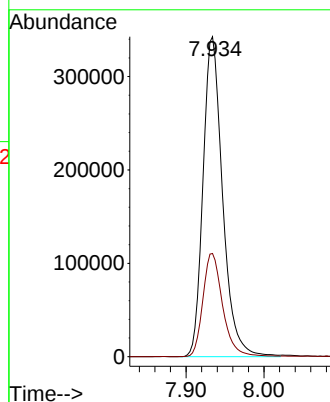
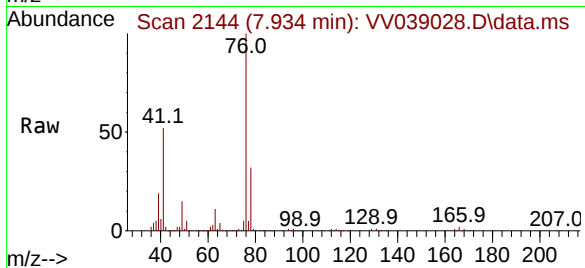
ICVV082525

Tgt Ion: 76 Resp: 598700

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 221.274 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VV039028.D

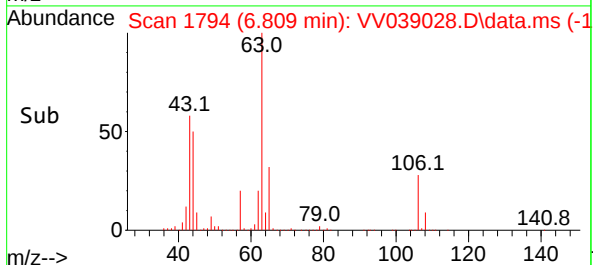
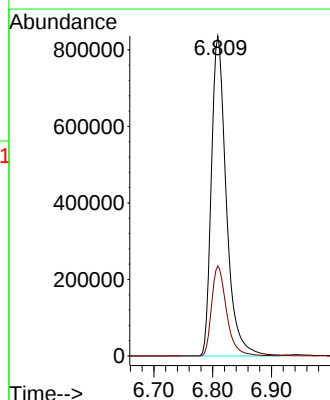
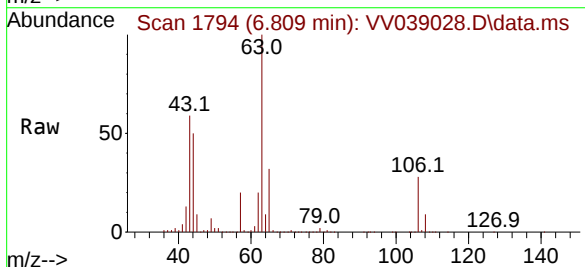
Acq: 25 Aug 2025 12:36

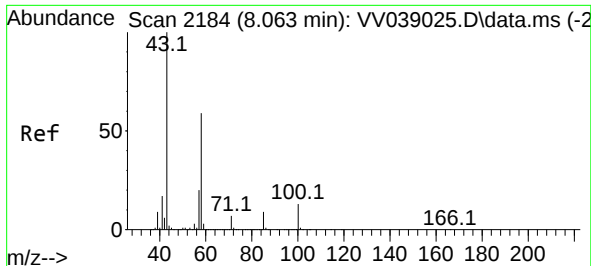
Tgt Ion: 63 Resp: 1475538

Ion Ratio Lower Upper

63 100

106 28.2 22.3 33.5

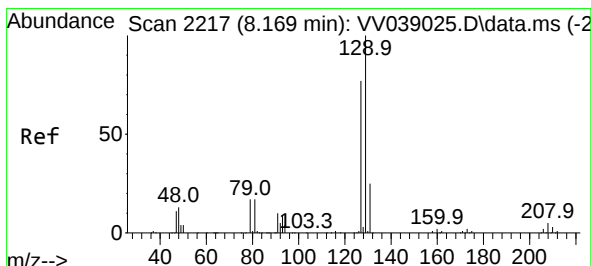
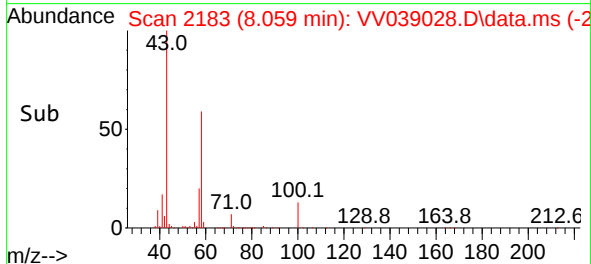
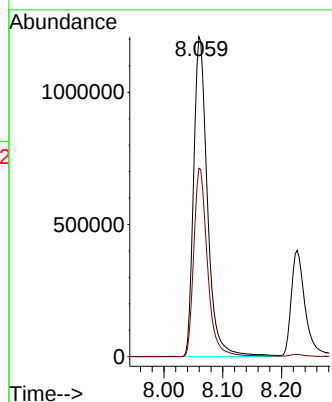
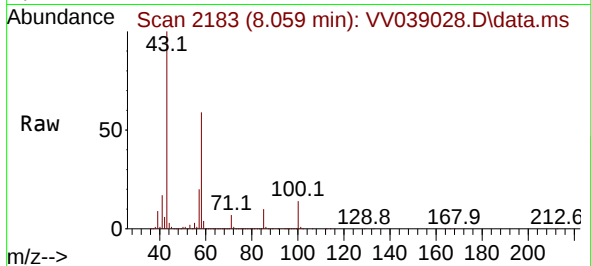




#59
2-Hexanone
Concen: 233.518 ug/l
RT: 8.059 min Scan# 2183
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

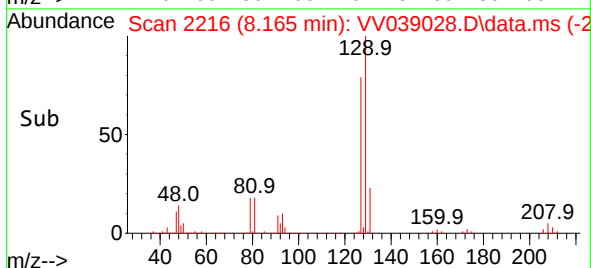
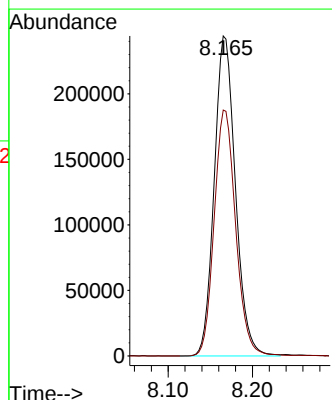
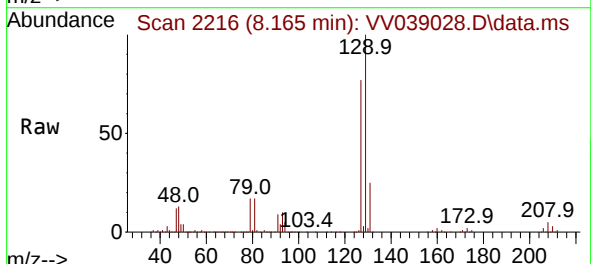
Instrument : MSVOA_V
ClientSampleId : ICVV082525

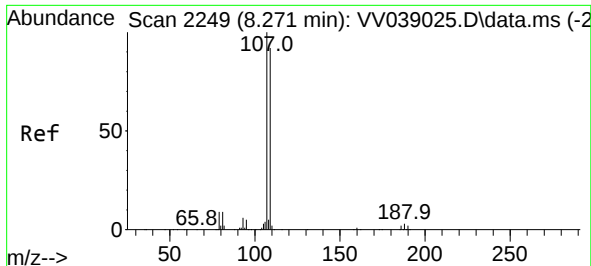
Tgt Ion: 43 Resp: 1975263
Ion Ratio Lower Upper
43 100
58 58.5 28.8 86.4



#60
Dibromochloromethane
Concen: 44.669 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 129 Resp: 426468
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

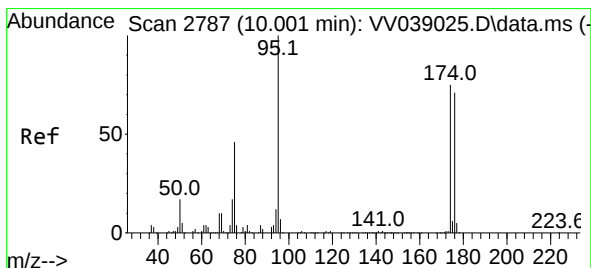
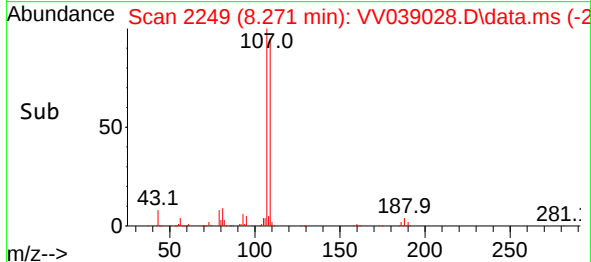
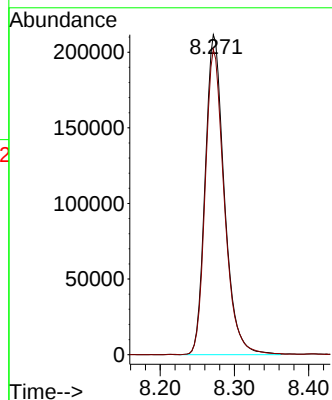
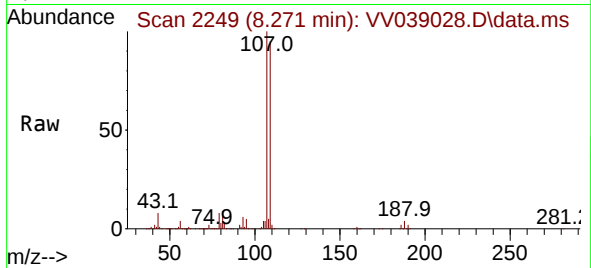




#61
1,2-Dibromoethane
Concen: 44.442 ug/l
RT: 8.271 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

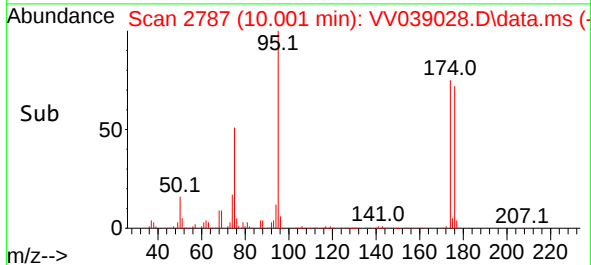
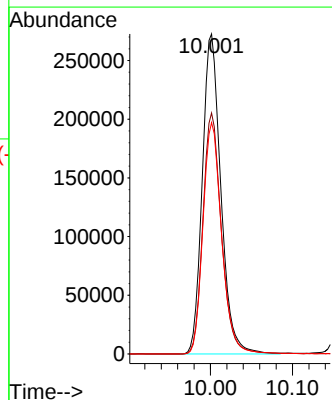
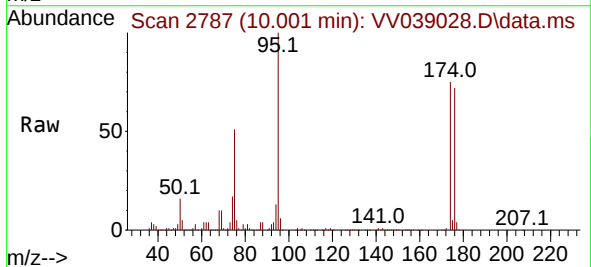
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

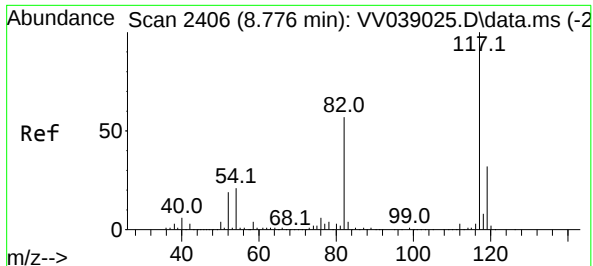
Tgt Ion:107 Resp: 378551
Ion Ratio Lower Upper
107 100
109 95.0 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 45.695 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 95 Resp: 428089
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.4
176 73.1 0.0 144.2

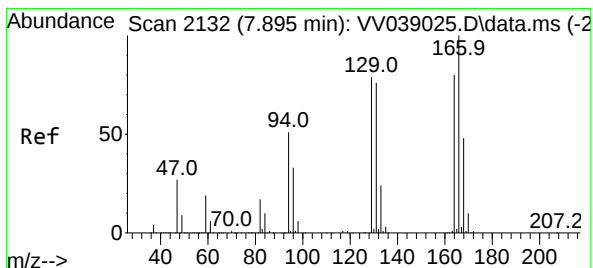
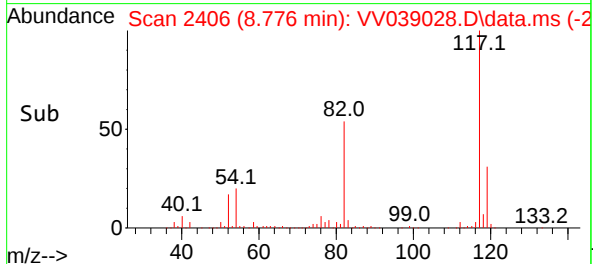
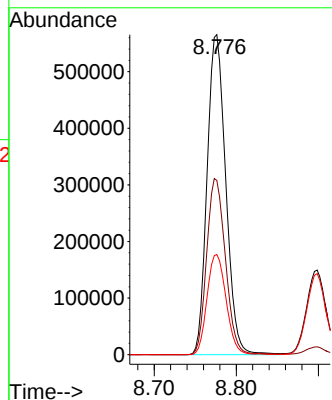
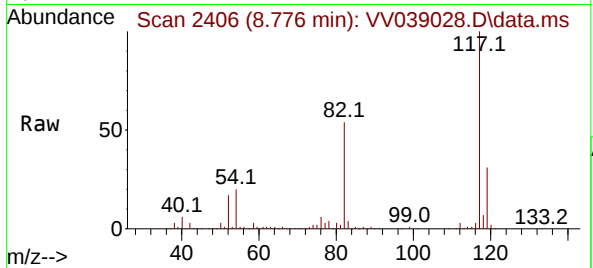




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

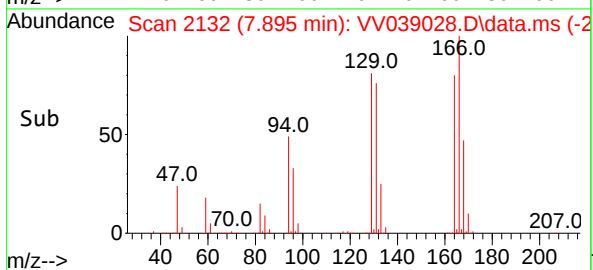
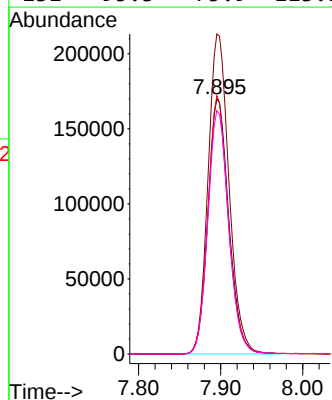
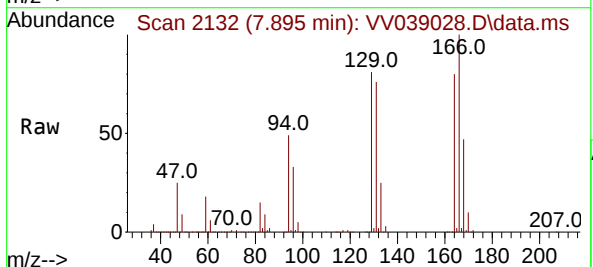
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

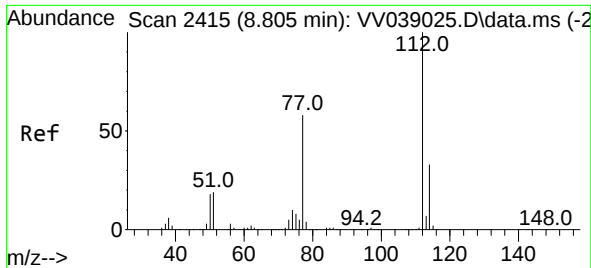
Tgt Ion:117 Resp: 893629
Ion Ratio Lower Upper
117 100
82 54.5 45.6 68.4
119 31.3 25.4 38.0



#64
Tetrachloroethene
Concen: 47.515 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion:164 Resp: 301848
Ion Ratio Lower Upper
164 100
166 125.4 99.7 149.5
129 101.2 78.5 117.7
131 95.3 75.9 113.9

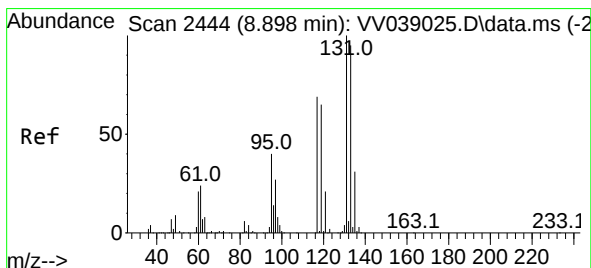
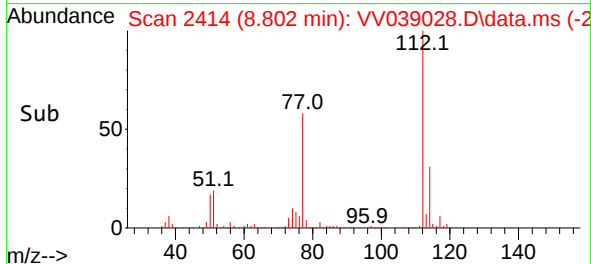
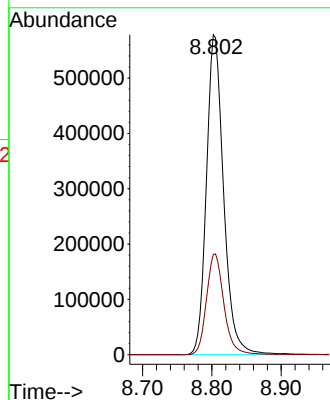
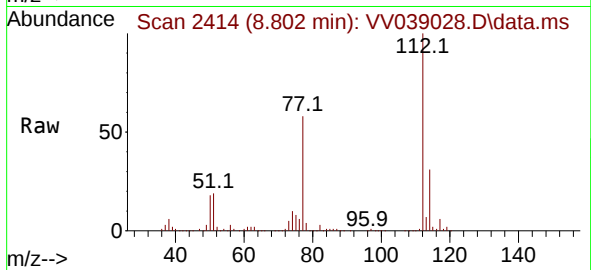




#65
Chlorobenzene
Concen: 46.527 ug/l
RT: 8.802 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

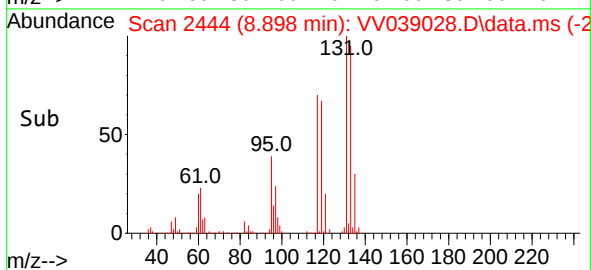
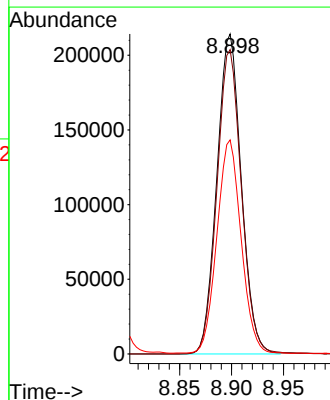
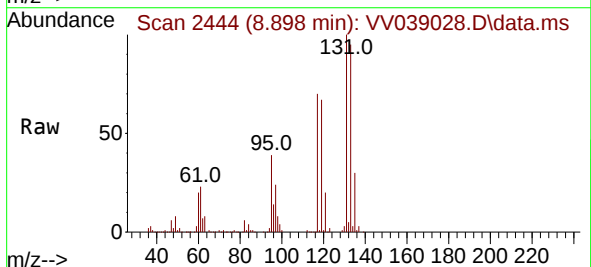
Instrument : MSVOA_V
ClientSampleId : ICVV082525

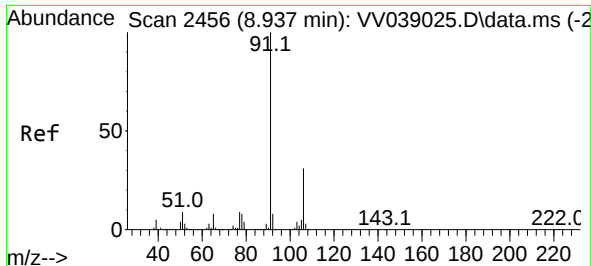
Tgt Ion:112 Resp: 994907
Ion Ratio Lower Upper
112 100
114 31.3 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 47.027 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion:131 Resp: 351096
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 65.9 33.3 99.8

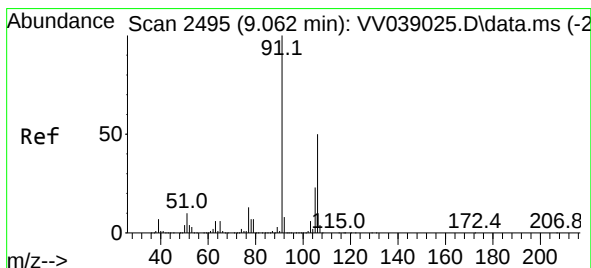
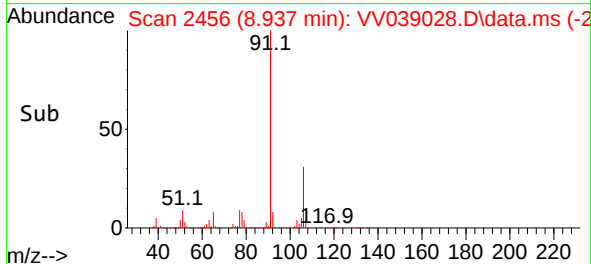
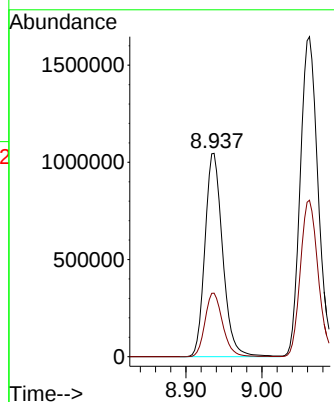
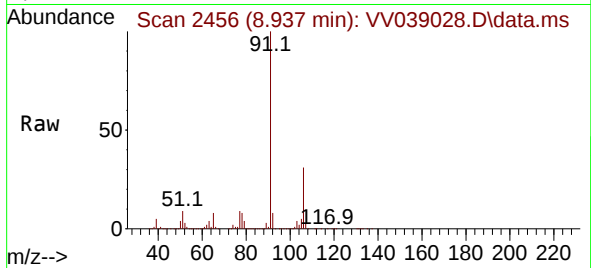




#67
Ethyl Benzene
Concen: 50.067 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

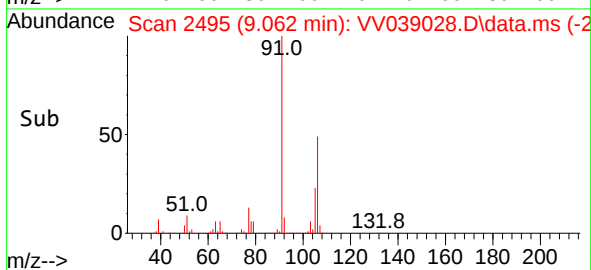
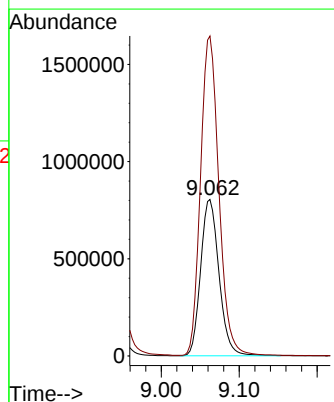
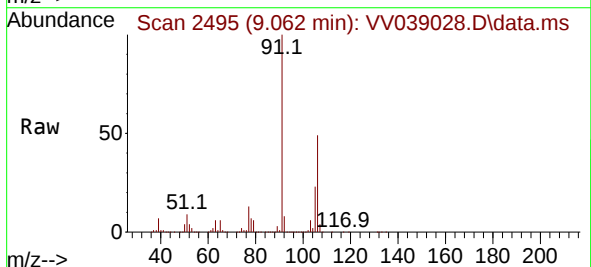
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

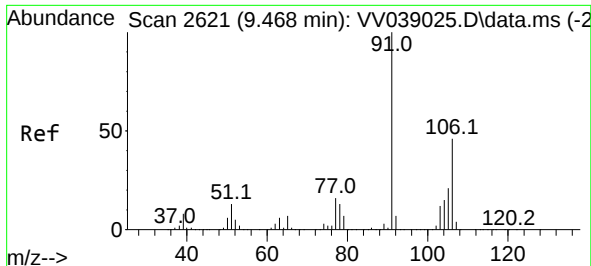
Tgt Ion: 91 Resp: 1693784
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0



#68
m/p-Xylenes
Concen: 101.194 ug/l
RT: 9.062 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 106 Resp: 1316292
Ion Ratio Lower Upper
106 100
91 205.0 162.4 243.6

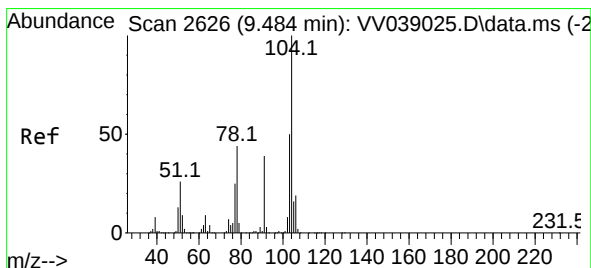
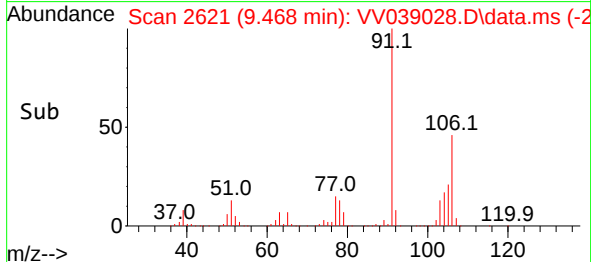
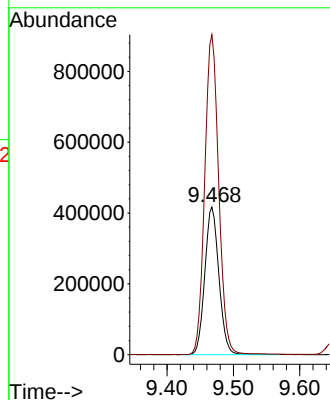
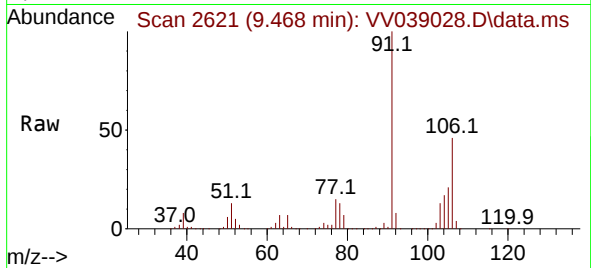




#69
o-Xylene
Concen: 51.604 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

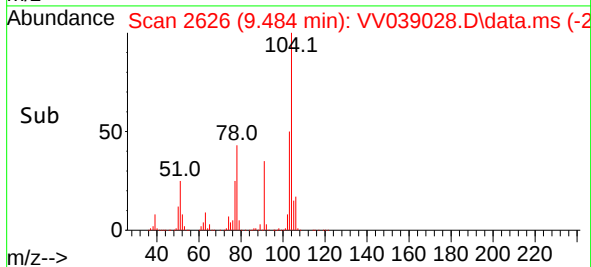
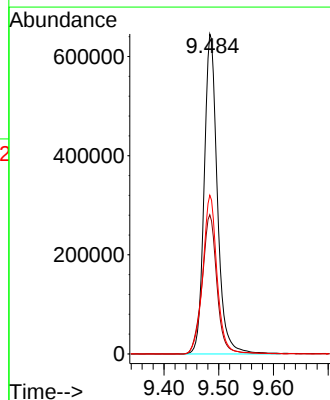
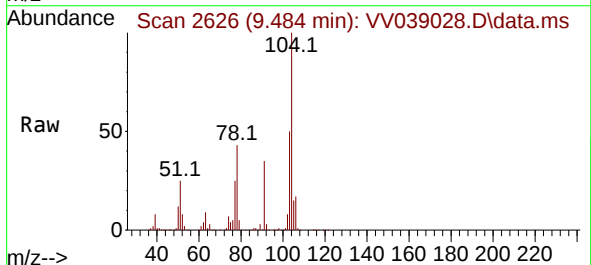
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

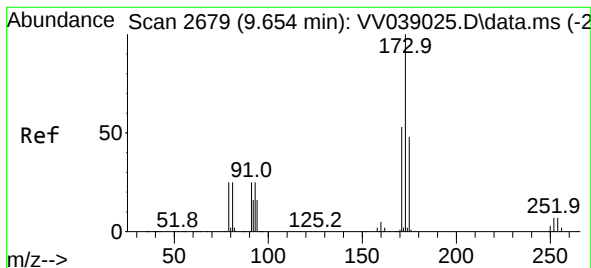
Tgt Ion:106 Resp: 614569
Ion Ratio Lower Upper
106 100
91 216.1 106.7 320.1



#70
Styrene
Concen: 51.609 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion:104 Resp: 1082811
Ion Ratio Lower Upper
104 100
78 48.8 39.3 58.9
103 53.6 43.2 64.8





#71

Bromoform

Concen: 47.968 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

MSVOA_V

ClientSampleId :

ICVV082525

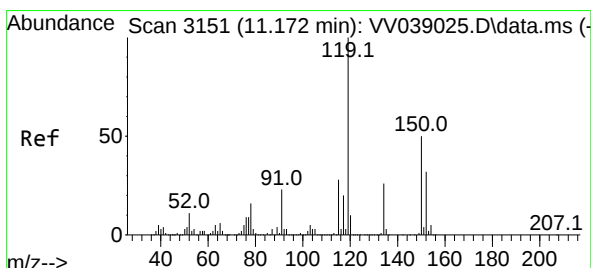
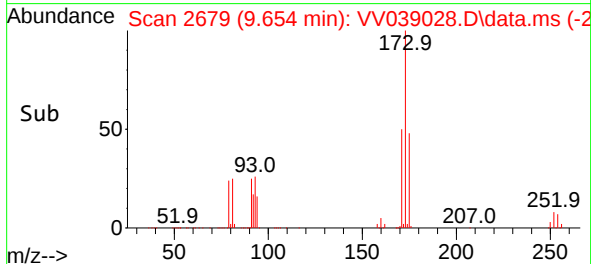
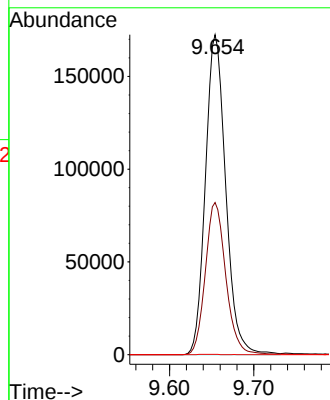
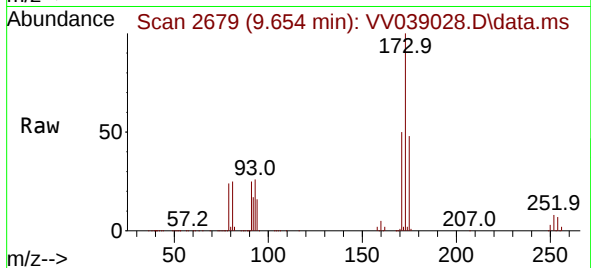
Tgt Ion:173 Resp: 289572

Ion Ratio Lower Upper

173 100

175 47.9 24.3 72.9

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

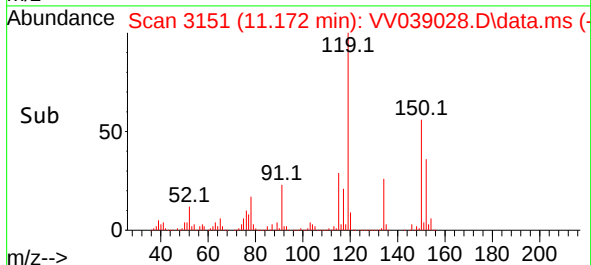
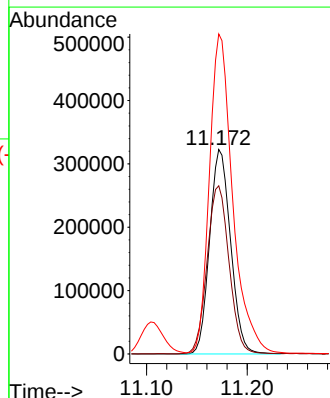
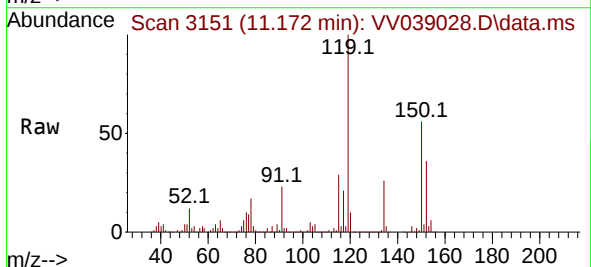
Tgt Ion:152 Resp: 468224

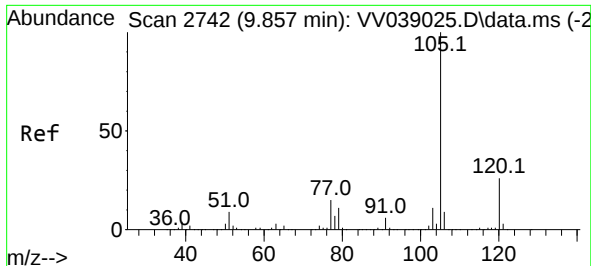
Ion Ratio Lower Upper

152 100

115 85.7 44.0 132.1

150 173.0 0.0 352.2

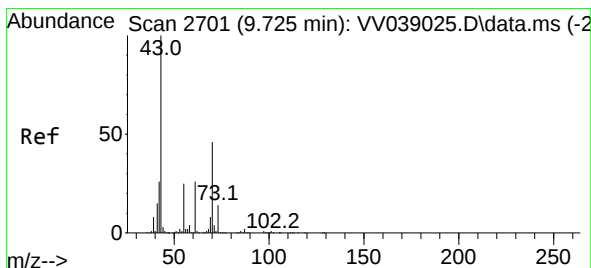
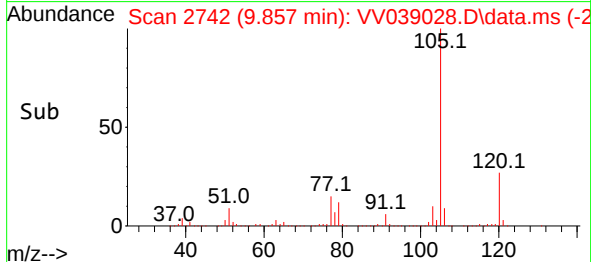
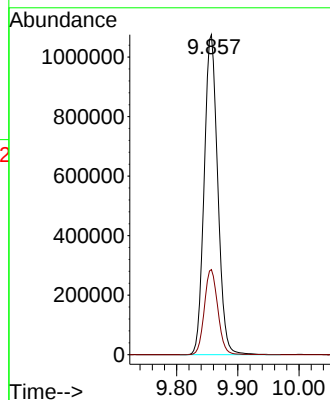
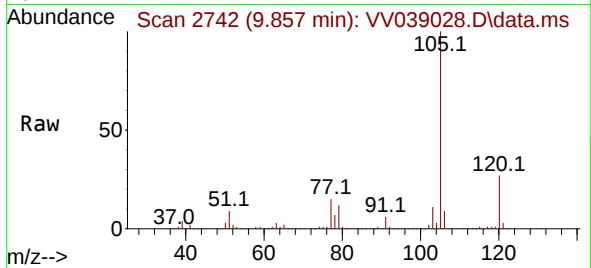




#73
Isopropylbenzene
Concen: 50.478 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

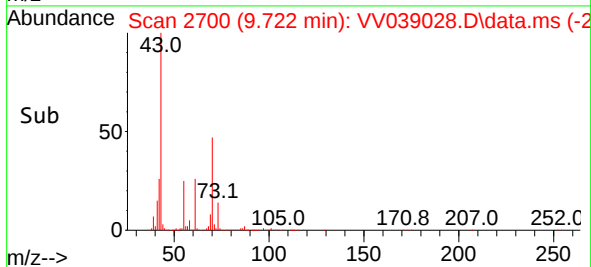
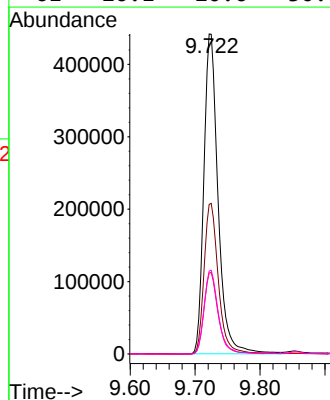
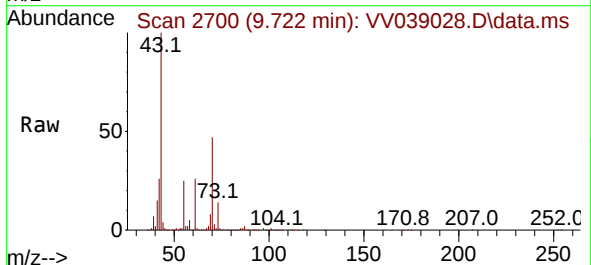
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

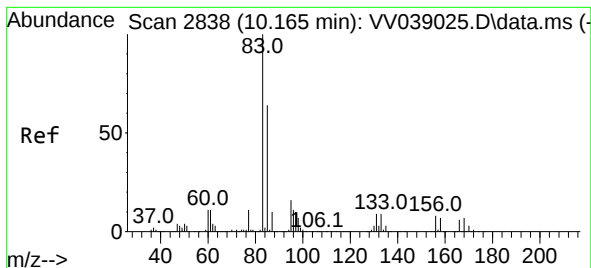
Tgt Ion:105 Resp: 1656396
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.5



#74
N-ethyl acetate
Concen: 49.937 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 43 Resp: 673440
Ion Ratio Lower Upper
43 100
70 47.5 36.4 54.6
55 25.7 20.6 30.8
61 26.1 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 44.205 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

MSVOA_V

ClientSampleId :

ICVVV082525

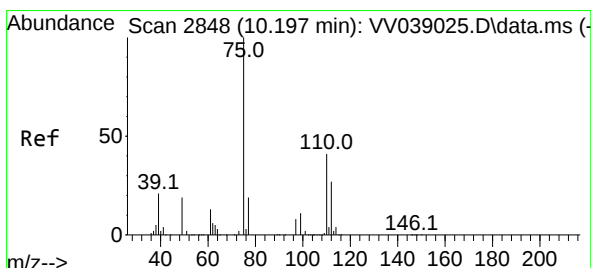
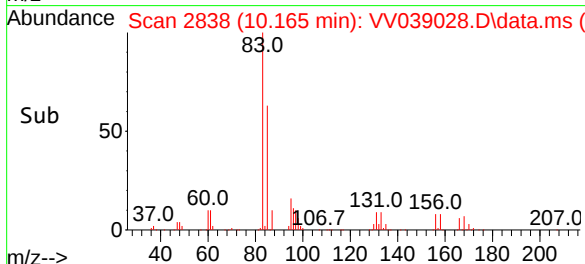
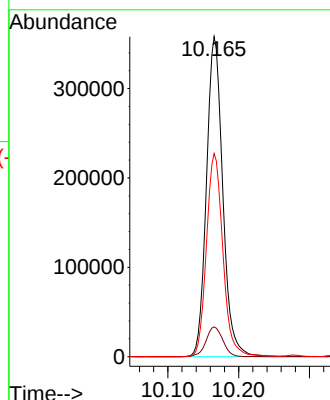
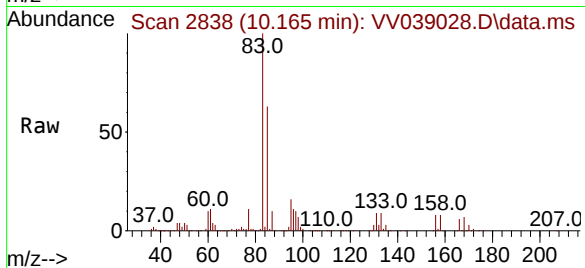
Tgt Ion: 83 Resp: 571436

Ion Ratio Lower Upper

83 100

131 9.7 4.7 14.0

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 46.884 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV039028.D

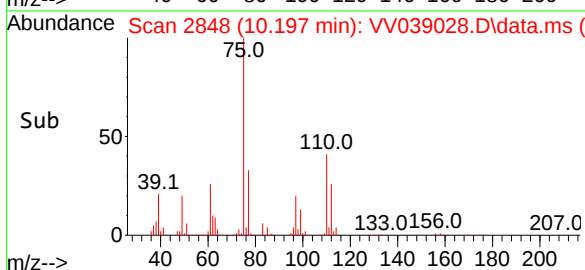
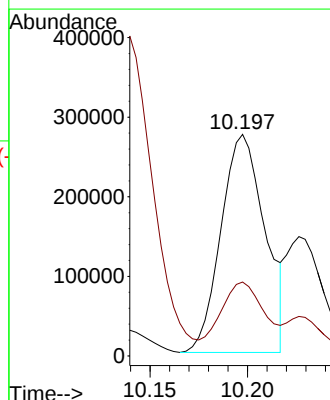
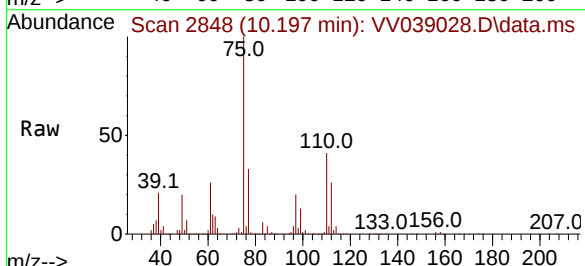
Acq: 25 Aug 2025 12:36

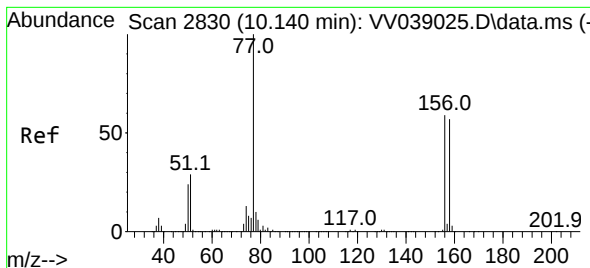
Tgt Ion: 75 Resp: 430917

Ion Ratio Lower Upper

75 100

77 34.6 11.9 35.5





#77

Bromobenzene

Concen: 49.072 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

MSVOA_V

ClientSampleId :

ICVV082525

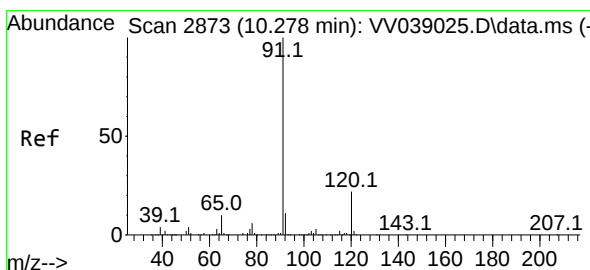
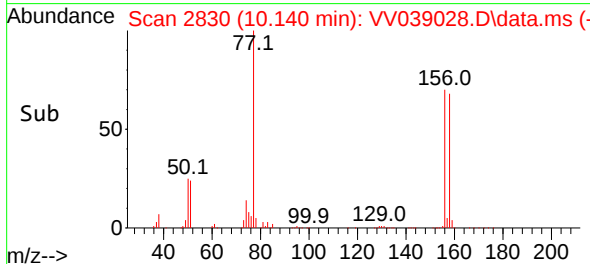
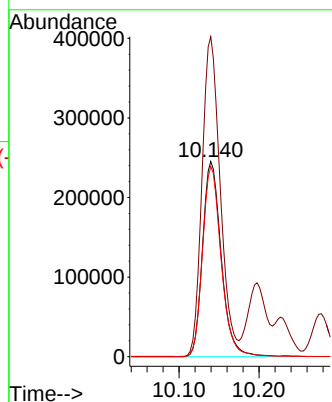
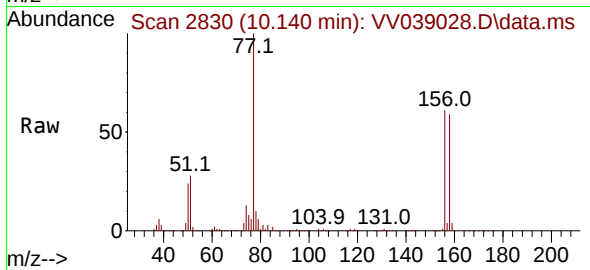
Tgt Ion:156 Resp: 398926

Ion Ratio Lower Upper

156 100

77 159.4 82.5 247.7

158 97.0 49.4 148.0



#78

n-propylbenzene

Concen: 51.599 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV039028.D

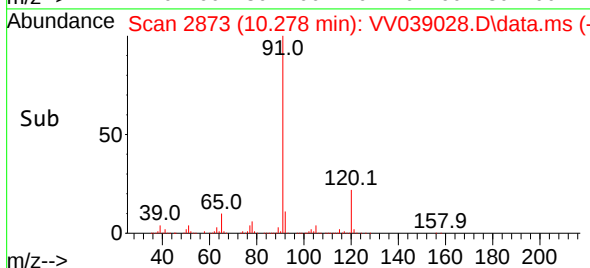
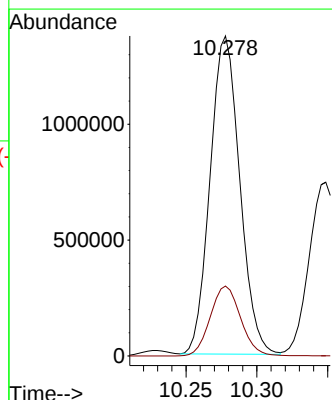
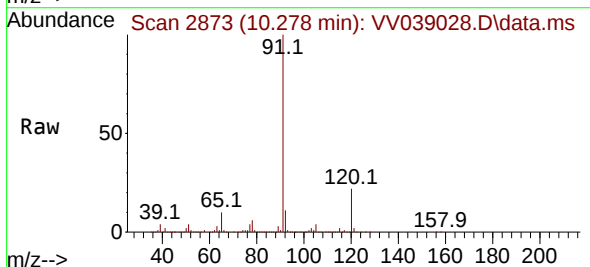
Acq: 25 Aug 2025 12:36

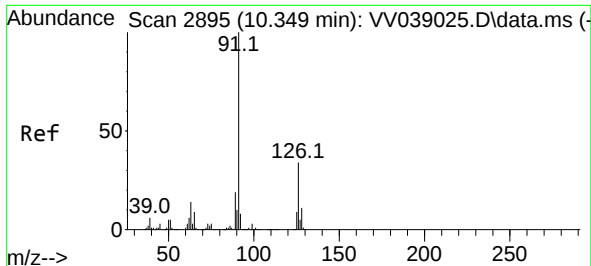
Tgt Ion: 91 Resp: 1998738

Ion Ratio Lower Upper

91 100

120 22.6 11.2 33.6

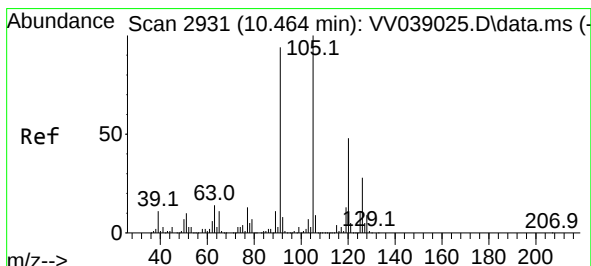
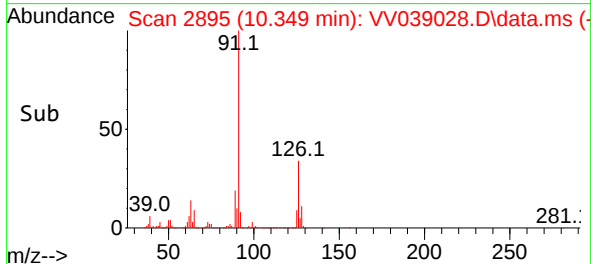
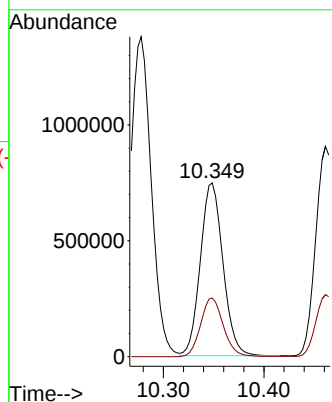
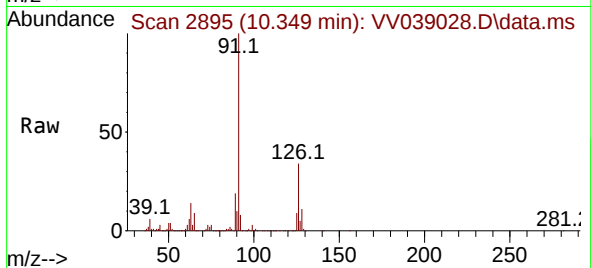




#79
2-Chlorotoluene
Concen: 48.940 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

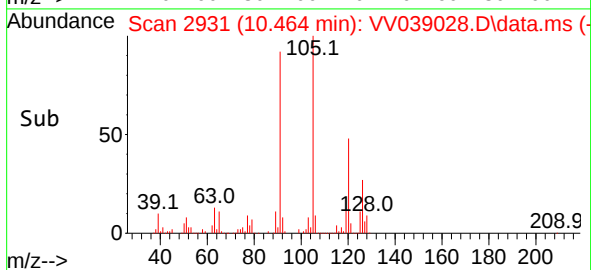
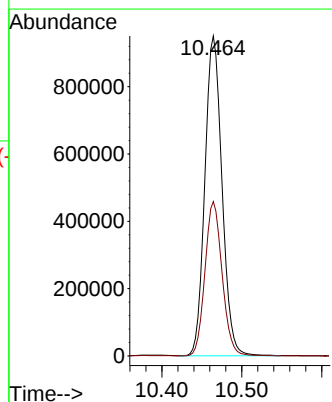
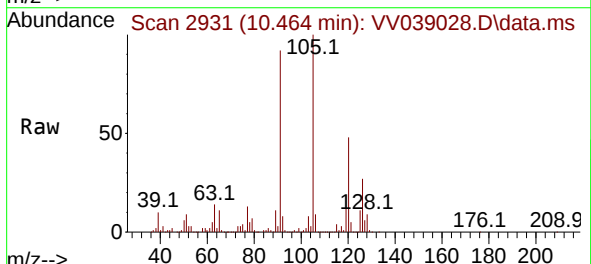
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

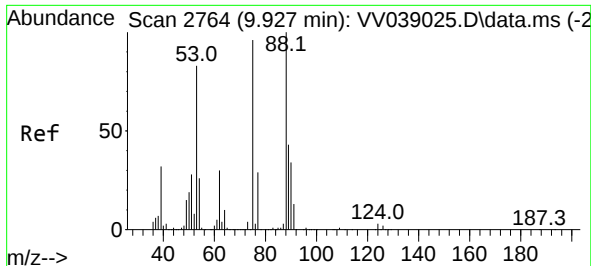
Tgt Ion: 91 Resp: 1168084
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.1



#80
1,3,5-Trimethylbenzene
Concen: 52.704 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 105 Resp: 1419211
Ion Ratio Lower Upper
105 100
120 48.3 23.9 71.8

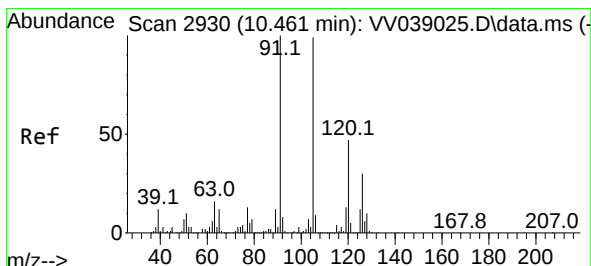
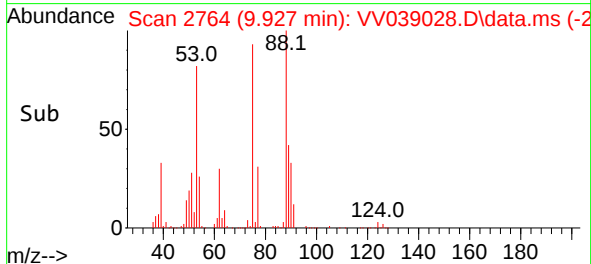
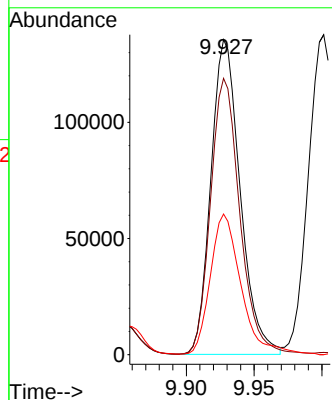
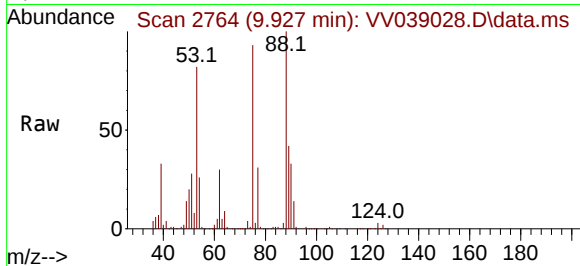




#81
trans-1,4-Dichloro-2-butene
Concen: 48.682 ug/l
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

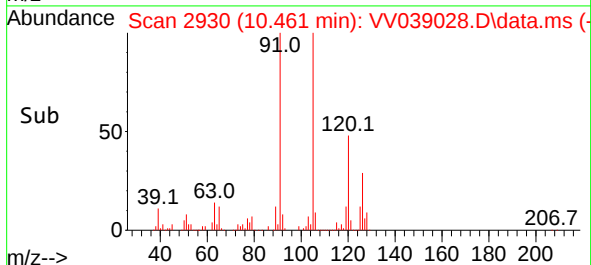
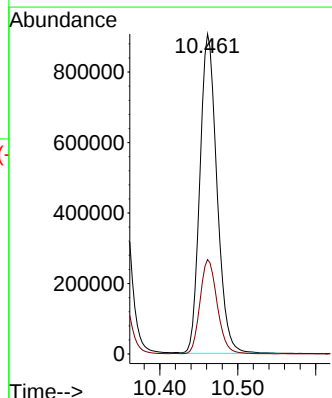
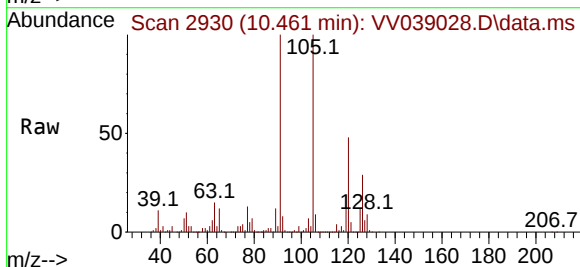
Instrument :
MSVOA_V
ClientSampleId :
ICVV082525

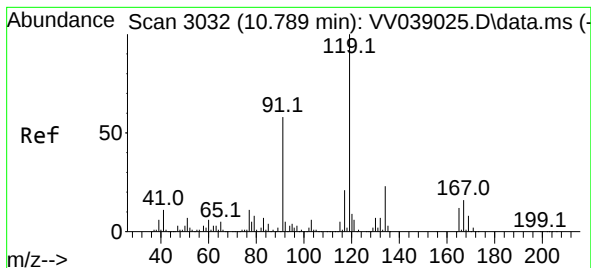
Tgt Ion: 75 Resp: 203455
Ion Ratio Lower Upper
75 100
53 87.2 70.2 105.4
89 47.1 36.5 54.7



#82
4-Chlorotoluene
Concen: 50.688 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039028.D
Acq: 25 Aug 2025 12:36

Tgt Ion: 91 Resp: 1376893
Ion Ratio Lower Upper
91 100
126 29.6 14.9 44.5





#83

tert-Butylbenzene

Concen: 51.625 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

MSVOA_V

ClientSampleId :

ICVV082525

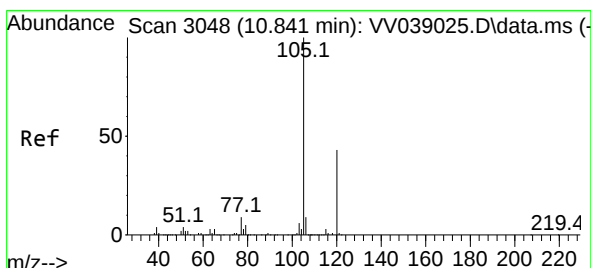
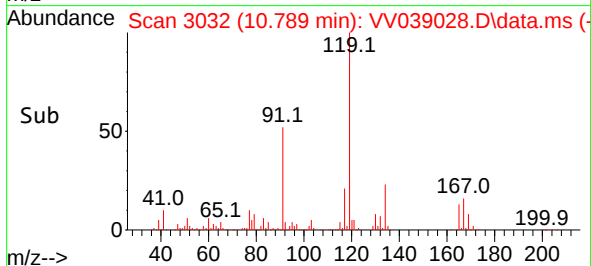
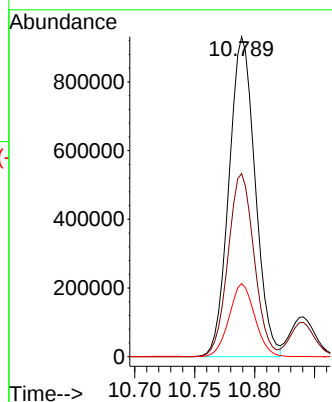
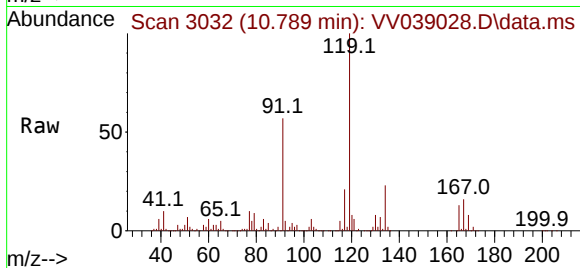
Tgt Ion:119 Resp: 1414329

Ion Ratio Lower Upper

119 100

91 56.9 28.1 84.4

134 22.5 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 53.107 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VV039028.D

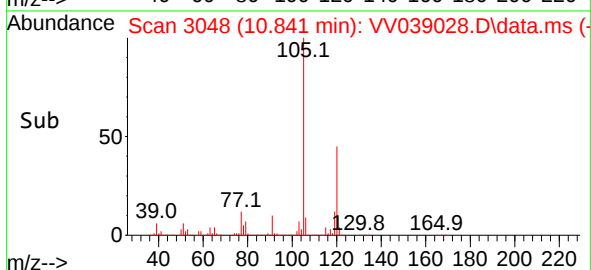
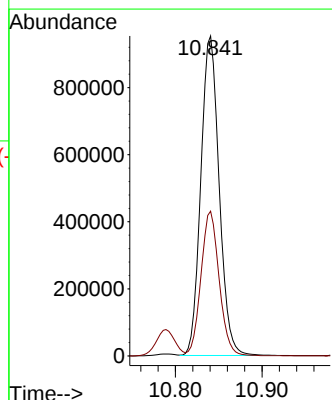
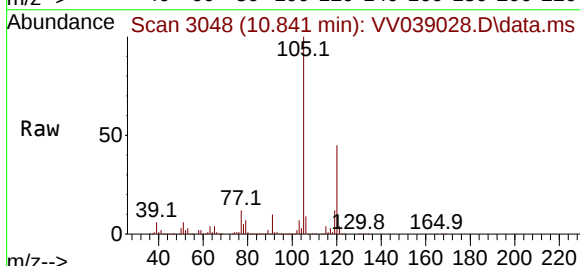
Acq: 25 Aug 2025 12:36

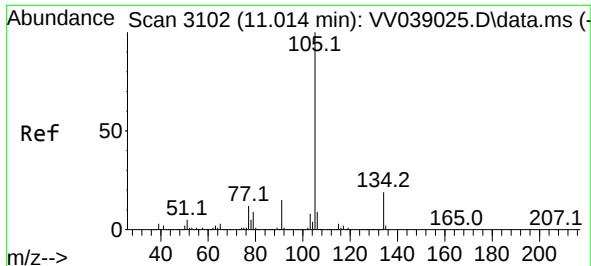
Tgt Ion:105 Resp: 1399547

Ion Ratio Lower Upper

105 100

120 44.8 22.6 67.8

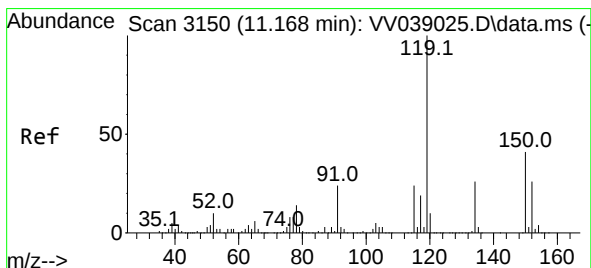
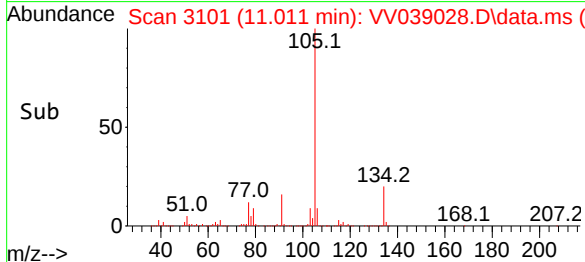
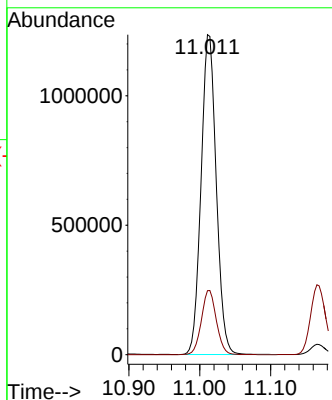
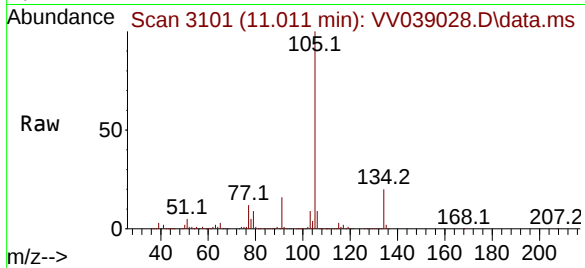




#85
 sec-Butylbenzene
 Concen: 50.909 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. -0.003 min
 Lab File: VV039028.D
 Acq: 25 Aug 2025 12:36

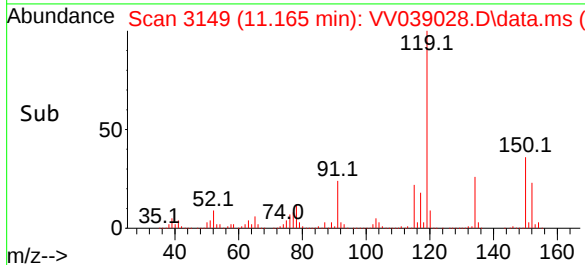
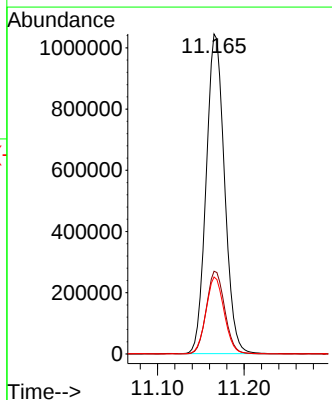
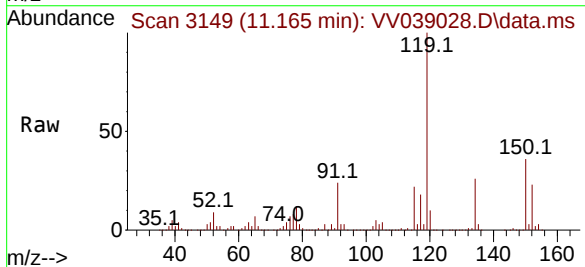
Instrument :
 MSVOA_V
 ClientSampleId :
 ICVV082525

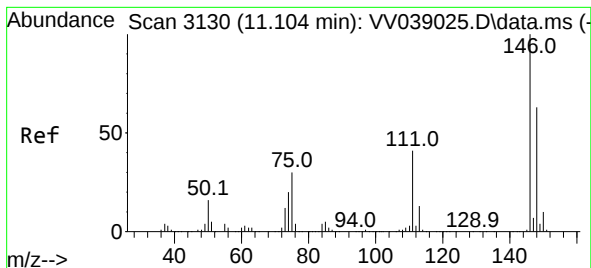
Tgt Ion:105 Resp: 1834252
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 51.110 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VV039028.D
 Acq: 25 Aug 2025 12:36

Tgt Ion:119 Resp: 1535571
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.1
 91 23.9 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 47.826 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

MSVOA_V

ClientSampleId :

ICVV082525

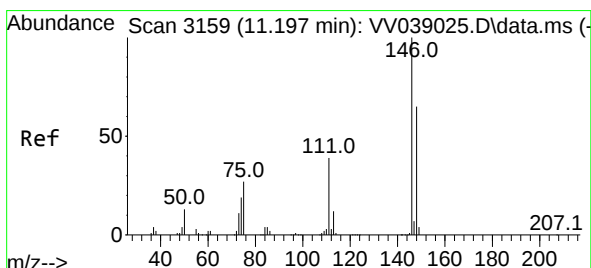
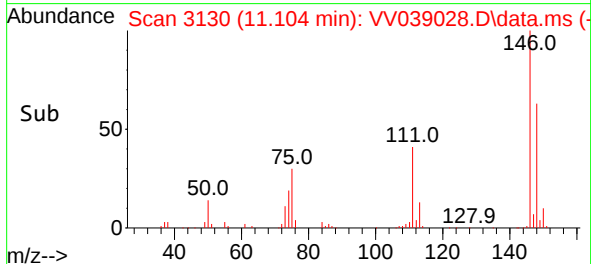
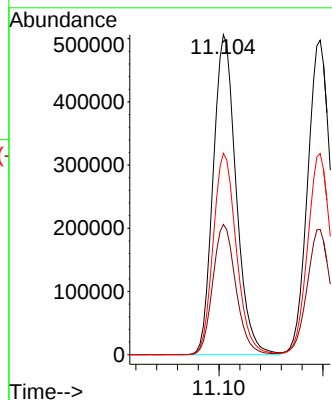
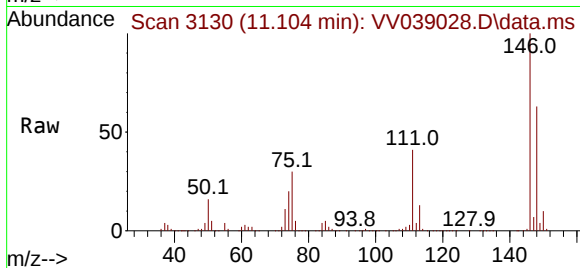
Tgt Ion:146 Resp: 777180

Ion Ratio Lower Upper

146 100

111 40.9 20.5 61.6

148 63.6 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 44.989 ug/l

RT: 11.197 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

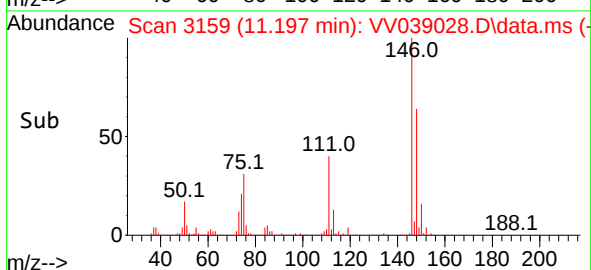
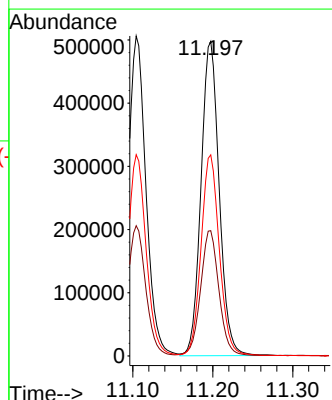
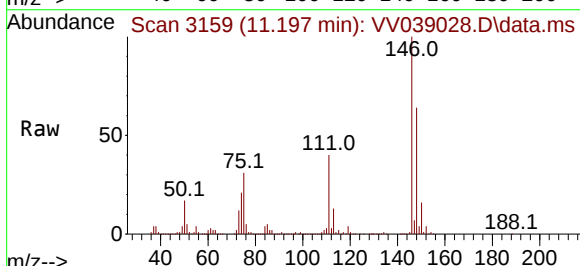
Tgt Ion:146 Resp: 787724

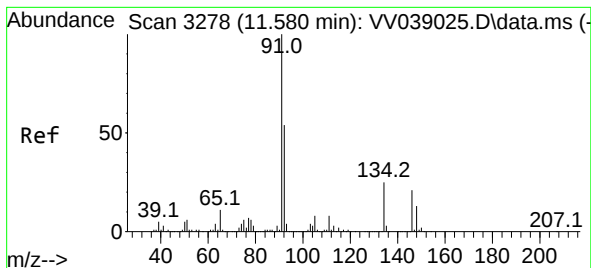
Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.3

148 64.1 32.5 97.4





#89

n-Butylbenzene

Concen: 50.975 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

MSVOA_V

ClientSampleId :

ICVV082525

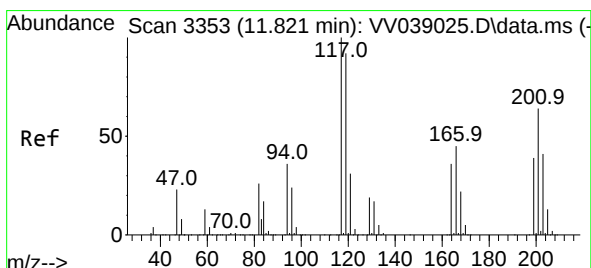
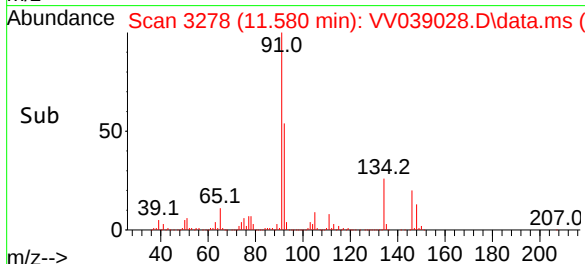
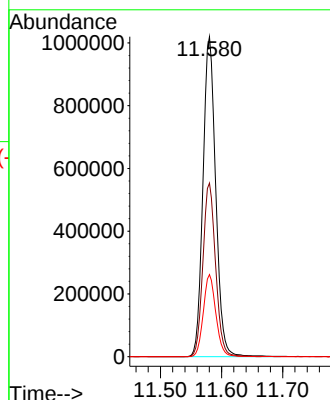
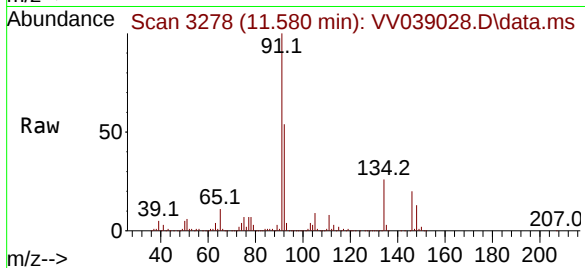
Tgt Ion: 91 Resp: 1477164

Ion Ratio Lower Upper

91 100

92 54.0 26.8 80.4

134 25.3 12.2 36.6



#90

Hexachloroethane

Concen: 45.187 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV039028.D

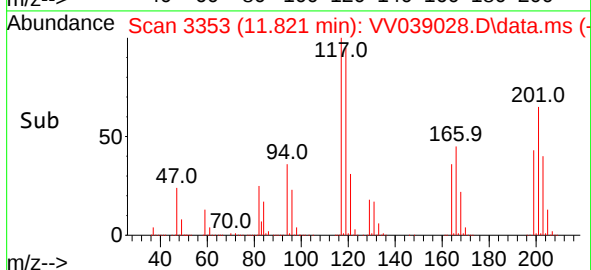
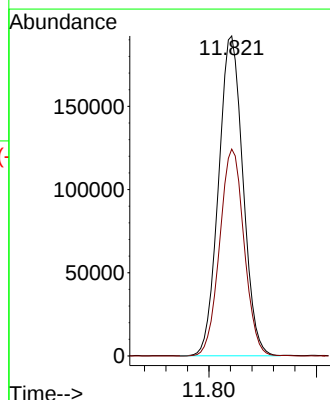
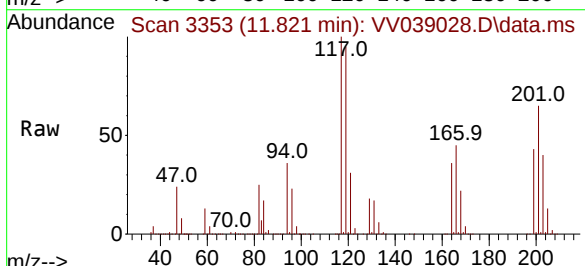
Acq: 25 Aug 2025 12:36

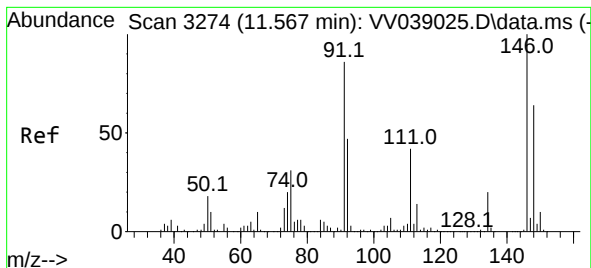
Tgt Ion: 117 Resp: 303275

Ion Ratio Lower Upper

117 100

201 64.7 32.2 96.6





#91

1,2-Dichlorobenzene

Concen: 47.005 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

MSVOA_V

ClientSampleId :

ICVV082525

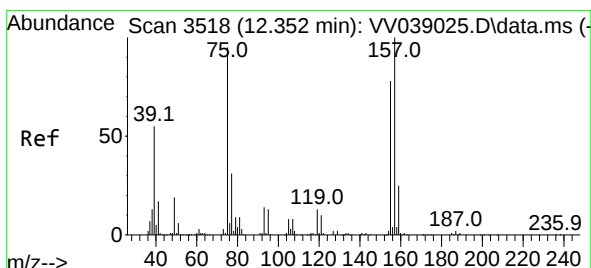
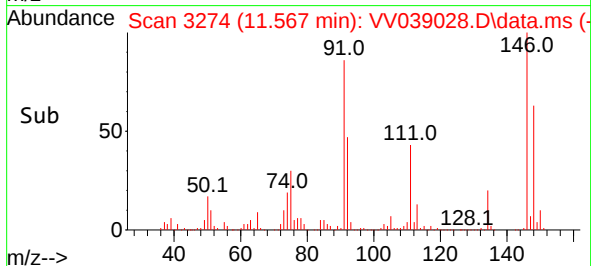
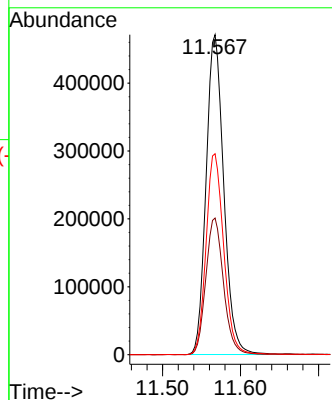
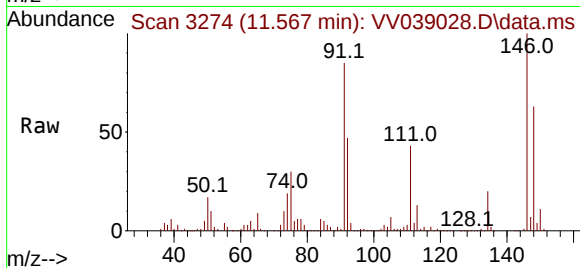
Tgt Ion:146 Resp: 740849

Ion Ratio Lower Upper

146 100

111 42.8 21.1 63.4

148 62.9 32.3 96.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.807 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. -0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

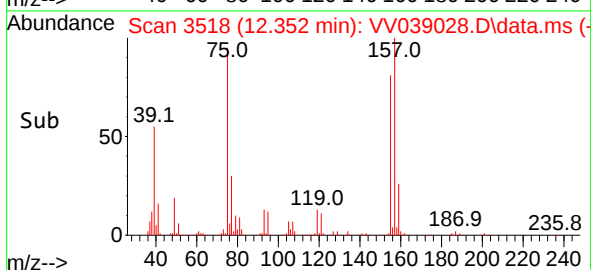
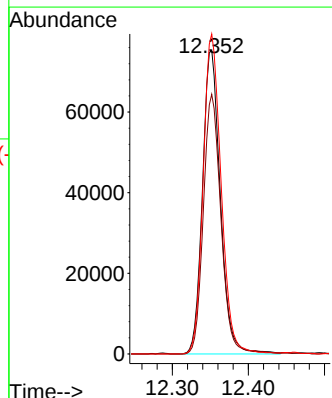
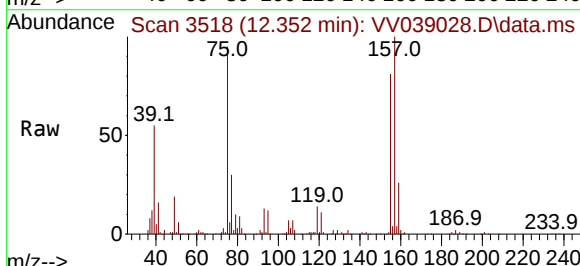
Tgt Ion: 75 Resp: 123013

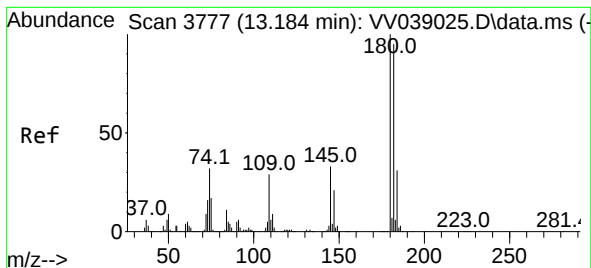
Ion Ratio Lower Upper

75 100

155 83.5 40.9 122.7

157 105.9 53.4 160.3





#93

1,2,4-Trichlorobenzene

Concen: 52.381 ug/l

RT: 13.184 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

MSVOA_V

ClientSampleId :

ICVV082525

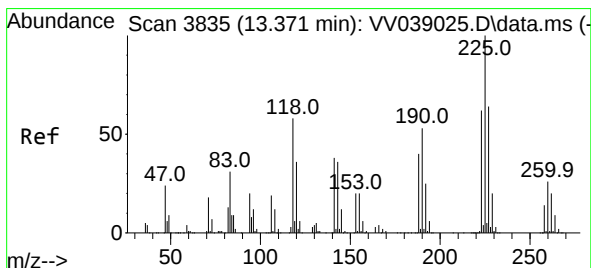
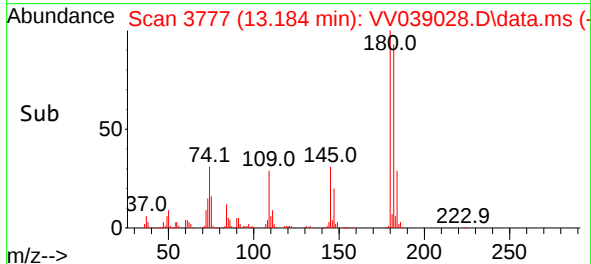
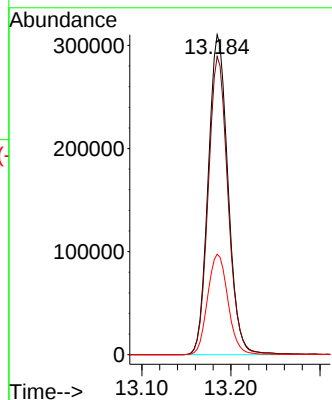
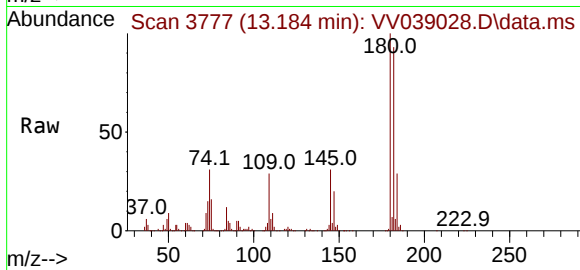
Tgt Ion:180 Resp: 478391

Ion Ratio Lower Upper

180 100

182 93.2 47.5 142.6

145 32.4 16.3 48.9



#94

Hexachlorobutadiene

Concen: 46.968 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

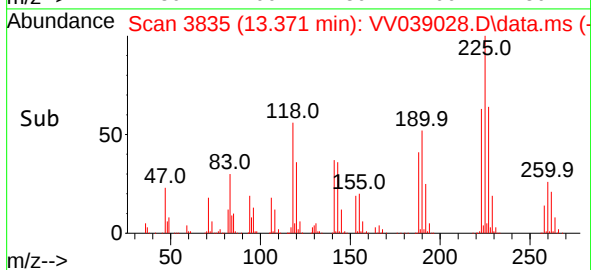
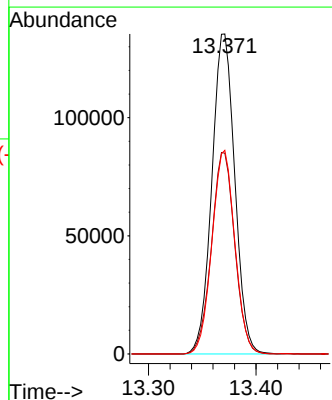
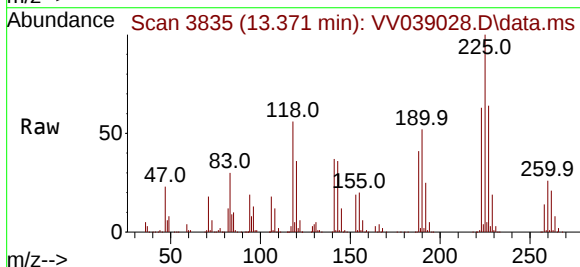
Tgt Ion:225 Resp: 200584

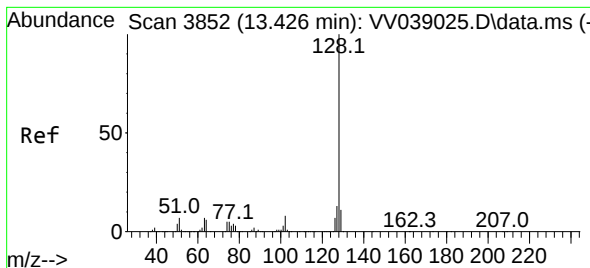
Ion Ratio Lower Upper

225 100

223 63.9 32.1 96.5

227 63.5 31.6 95.0





#95

Naphthalene

Concen: 53.148 ug/l

RT: 13.426 min Scan# 3852

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Instrument :

MSVOA_V

ClientSampleId :

ICVV082525

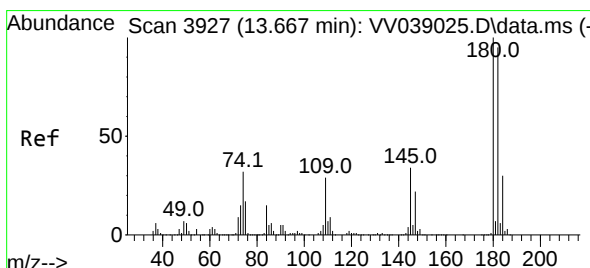
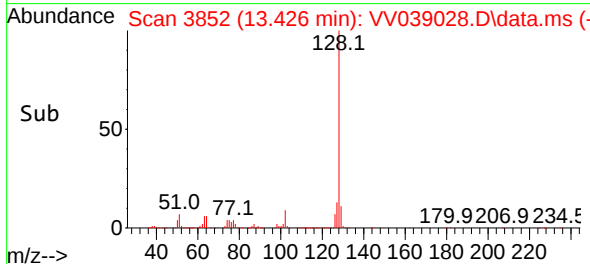
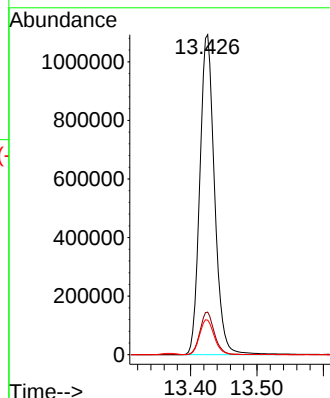
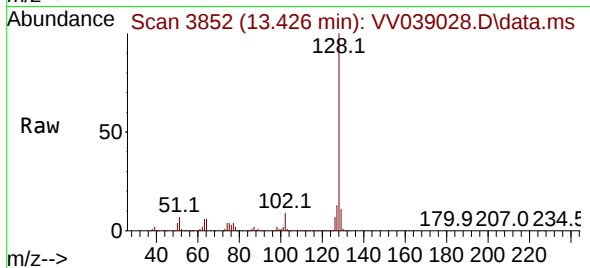
Tgt Ion:128 Resp: 1683513

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 51.596 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039028.D

Acq: 25 Aug 2025 12:36

Tgt Ion:180 Resp: 477485

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.0

145 34.6 17.0 51.0

