

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082525\
 Data File : VV039025.D
 Acq On : 25 Aug 2025 11:25
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Aug 26 02:14:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082525W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 26 02:10:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	531789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	920827	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	867408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	459131	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.944	65	353924	46.143	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	92.280%
35) Dibromofluoromethane	4.503	113	310141	46.769	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	93.540%
50) Toluene-d8	7.236	98	1149314	48.949	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	97.900%
62) 4-Bromofluorobenzene	10.001	95	431082	50.106	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	100.220%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	333290	46.802	ug/l	100
3) Chloromethane	1.230	50	361885	47.685	ug/l	100
4) Vinyl Chloride	1.297	62	416298	47.040	ug/l	100
5) Bromomethane	1.494	94	213069	47.915	ug/l	100
6) Chloroethane	1.558	64	247461	47.288	ug/l	100
7) Trichlorofluoromethane	1.725	101	587994	46.156	ug/l	100
8) Diethyl Ether	1.918	74	217969	45.103	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	353857	46.108	ug/l	100
10) Methyl Iodide	2.198	142	320161	46.071	ug/l	100
11) Tert butyl alcohol	2.564	59	366525	266.206	ug/l	100
12) 1,1-Dichloroethene	2.082	96	336541	45.801	ug/l	100
13) Acrolein	2.008	56	106395	171.150	ug/l	100
14) Allyl chloride	2.359	41	605701	52.372	ug/l	100
15) Acrylonitrile	2.674	53	1134636	276.321	ug/l	100
16) Acetone	2.117	43	1018833	210.313	ug/l	100
17) Carbon Disulfide	2.252	76	989460	48.509	ug/l	100
18) Methyl Acetate	2.378	43	532678	56.446	ug/l	100
19) Methyl tert-butyl Ether	2.709	73	1169633	54.022	ug/l	100
20) Methylene Chloride	2.455	84	396398	50.108	ug/l	100
21) trans-1,2-Dichloroethene	2.703	96	372801	50.619	ug/l	100
22) Diisopropyl ether	3.214	45	1038949	49.362	ug/l	100
23) Vinyl Acetate	3.185	43	4403765	255.176	ug/l	100
24) 1,1-Dichloroethane	3.121	63	608179	46.125	ug/l	100
25) 2-Butanone	3.860	43	1236818	232.091	ug/l	100
26) 2,2-Dichloropropane	3.812	77	531134	46.861	ug/l	100
27) cis-1,2-Dichloroethene	3.821	96	387799	47.510	ug/l	100
28) Bromochloromethane	4.146	49	143717	48.434	ug/l	100
29) Tetrahydrofuran	4.230	42	789109	240.271	ug/l	100
30) Chloroform	4.278	83	633832	46.218	ug/l	100
31) Cyclohexane	4.584	56	538167	46.150	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	563801	46.705	ug/l	100
36) 1,1-Dichloropropene	4.748	75	421991	47.349	ug/l	100
37) Ethyl Acetate	3.973	43	472338	45.153	ug/l	100
38) Carbon Tetrachloride	4.738	117	491738	46.076	ug/l	100
39) Methylcyclohexane	6.050	83	616553	53.890	ug/l	100
40) Benzene	5.008	78	1340661	47.070	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	214146	49.008	ug/l	100
42) 1,2-Dichloroethane	5.040	62	454637	45.777	ug/l	100
43) Isopropyl Acetate	5.188	43	744291	49.996	ug/l	100
44) Trichloroethene	5.831	130	362048	50.627	ug/l	100
45) 1,2-Dichloropropane	6.088	63	372038	51.381	ug/l	100
46) Dibromomethane	6.227	93	268965	48.981	ug/l	100
47) Bromodichloromethane	6.426	83	546904	48.336	ug/l	100
48) Methyl methacrylate	6.294	41	382832	52.693	ug/l	100
49) 1,4-Dioxane	6.288	88	120622	981.039	ug/l	100
51) 4-Methyl-2-Pentanone	7.146	43	2750545	260.464	ug/l	100
52) Toluene	7.307	92	920076	50.648	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	567057	52.206	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	601472	51.547	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	370564	48.894	ug/l	100
56) Ethyl methacrylate	7.715	69	573531	57.053	ug/l	100
57) 1,3-Dichloropropane	7.934	76	614131	50.196	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	1517435	246.782	ug/l	100
59) 2-Hexanone	8.063	43	2068494	264.817	ug/l	100
60) Dibromochloromethane	8.169	129	431136	49.174	ug/l	100
61) 1,2-Dibromoethane	8.271	107	397760	50.849	ug/l	100
64) Tetrachloroethene	7.895	164	302637	49.079	ug/l	100
65) Chlorobenzene	8.805	112	1027167	49.488	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.898	131	360350	49.725	ug/l	100
67) Ethyl Benzene	8.937	91	1758214	53.542	ug/l	100
68) m/p-Xylenes	9.062	106	1360959	107.791	ug/l	100
69) o-Xylene	9.468	106	636318	55.046	ug/l	100
70) Styrene	9.484	104	1122057	55.096	ug/l	100
71) Bromoform	9.654	173	298127	50.878	ug/l	100
73) Isopropylbenzene	9.857	105	1715815	53.324	ug/l	100
74) N-amyl acetate	9.725	43	726423	54.932	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	608036	47.968	ug/l	100
76) 1,2,3-Trichloropropane	10.197	75	454906	50.475	ug/l	100
77) Bromobenzene	10.140	156	403997	50.680	ug/l	100
78) n-propylbenzene	10.278	91	2090672	55.041	ug/l	100
79) 2-Chlorotoluene	10.349	91	1221733	52.201	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1443918	54.683	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	216778	52.897	ug/l	100
82) 4-Chlorotoluene	10.461	91	1411908	53.030	ug/l	100
83) tert-Butylbenzene	10.789	119	1441566	53.661	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	1442269	55.812	ug/l	100
85) sec-Butylbenzene	11.014	105	1908253	54.012	ug/l	100
86) p-Isopropyltoluene	11.168	119	1570645	53.313	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	800956	50.265	ug/l	100
88) 1,4-Dichlorobenzene	11.197	146	817977	47.642	ug/l	100
89) n-Butylbenzene	11.580	91	1564927	55.073	ug/l	100
90) Hexachloroethane	11.821	117	310175	47.130	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	761559	49.276	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	129184	46.916	ug/l	100
93) 1,2,4-Trichlorobenzene	13.184	180	479015	53.488	ug/l	100
94) Hexachlorobutadiene	13.371	225	199901	47.735	ug/l	100
95) Naphthalene	13.426	128	1793951	57.756	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	495629	54.617	ug/l	100

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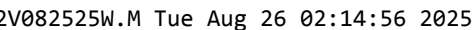
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

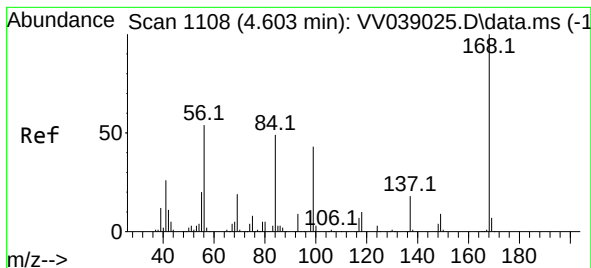
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Quant Title : SW846 8260
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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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: 4.603 min Scan# 11

Delta R.T. -0.000 min

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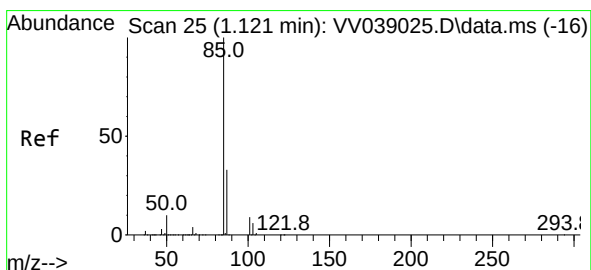
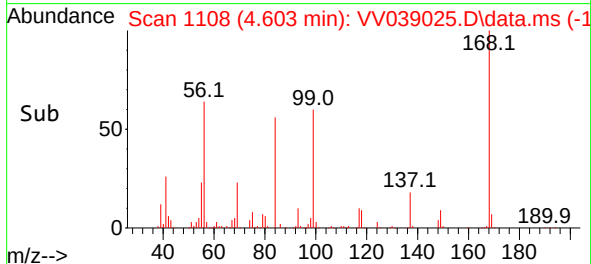
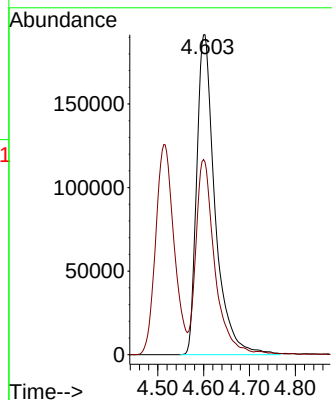
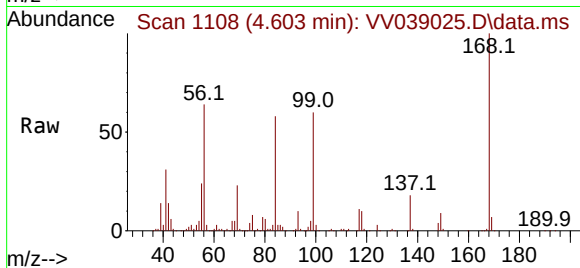
VSTDICCC050

Tgt Ion:168 Resp: 531789

Ion Ratio Lower Upper

168 100

99 59.8 47.8 71.8



#2

Dichlorodifluoromethane

Concen: 46.802 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039025.D

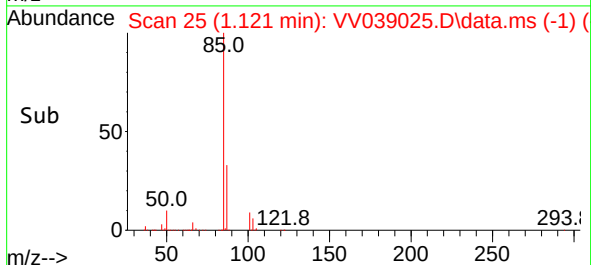
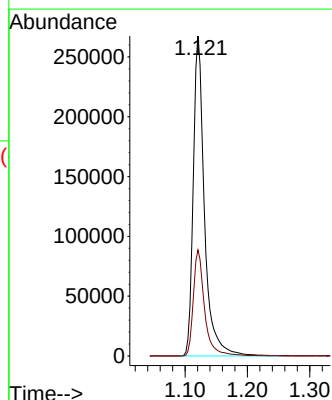
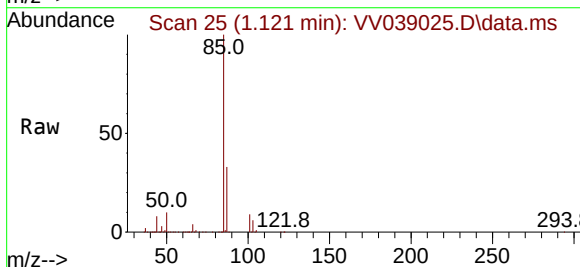
Acq: 25 Aug 2025 11:25

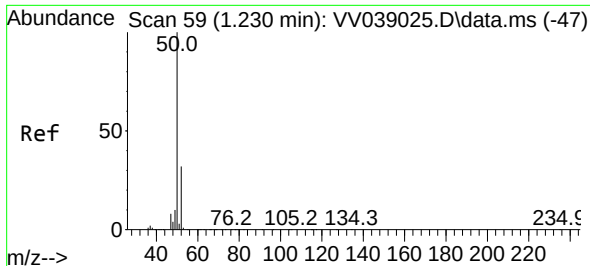
Tgt Ion: 85 Resp: 333290

Ion Ratio Lower Upper

85 100

87 33.2 16.6 49.8

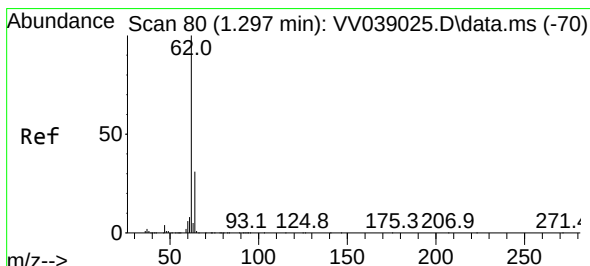
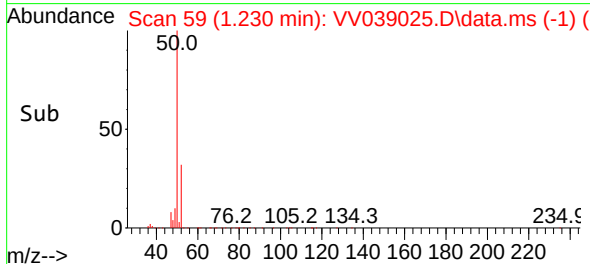
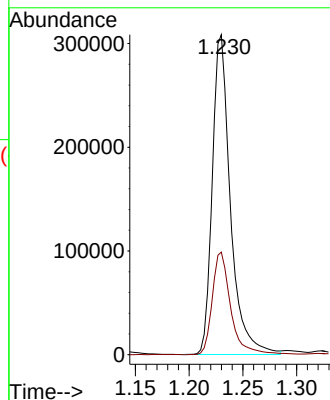
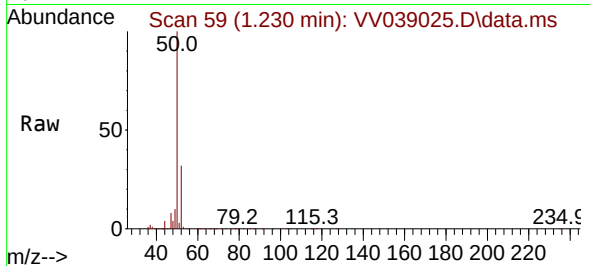




#3
Chloromethane
Concen: 47.685 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

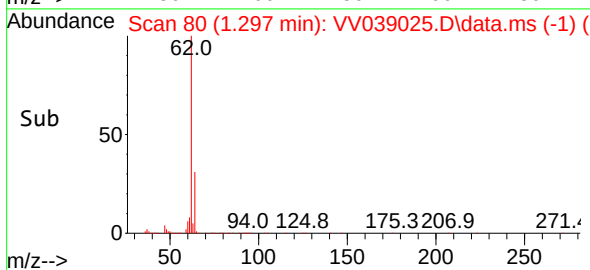
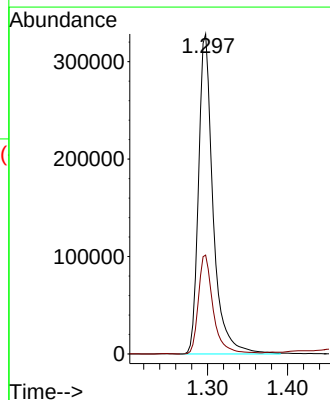
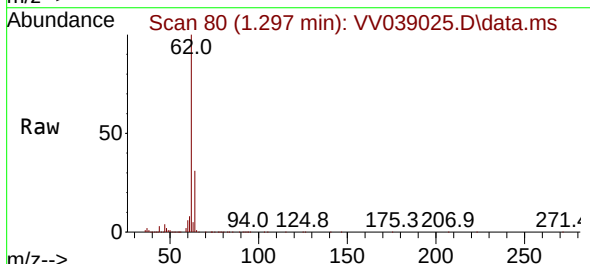
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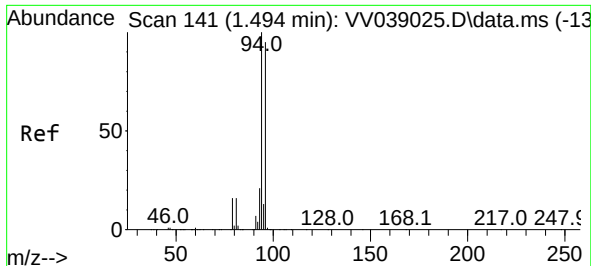
Tgt Ion: 50 Resp: 361885
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4



#4
Vinyl Chloride
Concen: 47.040 ug/l
RT: 1.297 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 62 Resp: 416298
Ion Ratio Lower Upper
62 100
64 30.9 24.7 37.1

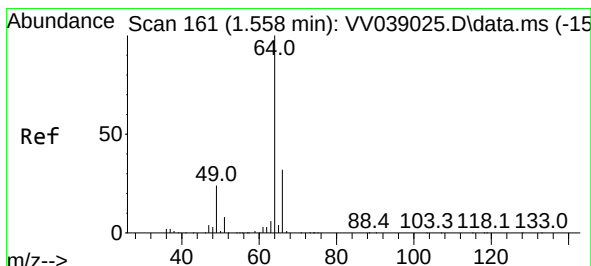
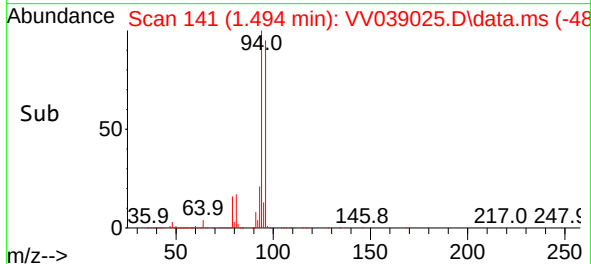
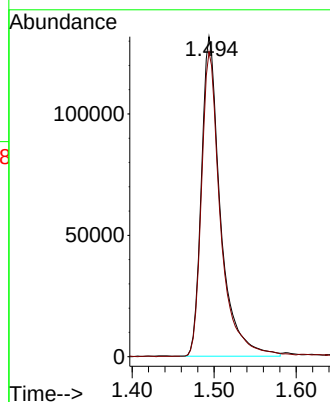
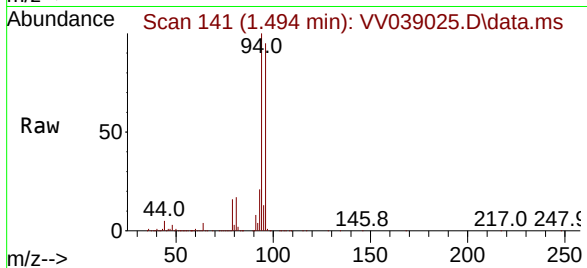




#5
Bromomethane
Concen: 47.915 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

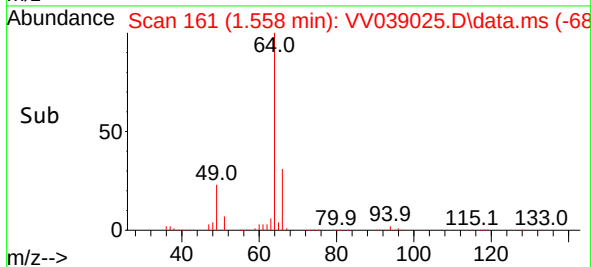
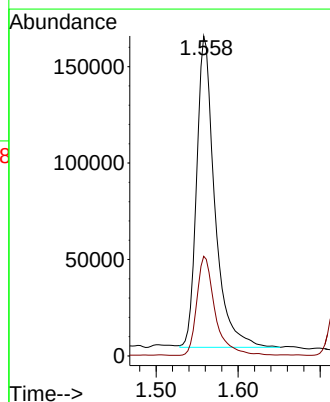
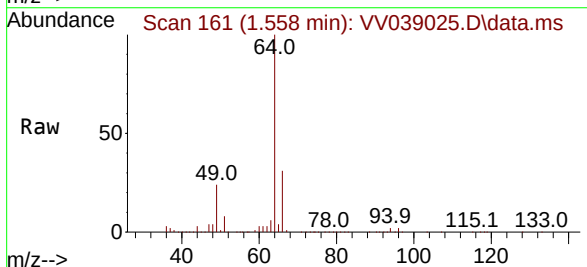
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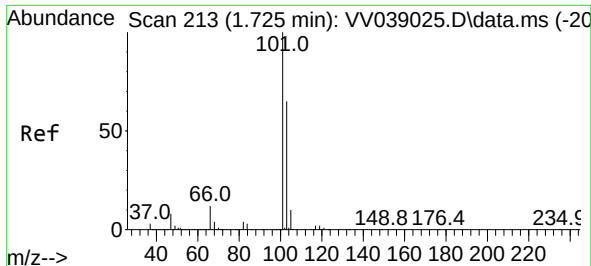
Tgt Ion: 94 Resp: 213069
Ion Ratio Lower Upper
94 100
96 95.2 76.2 114.2



#6
Chloroethane
Concen: 47.288 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 64 Resp: 247461
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2

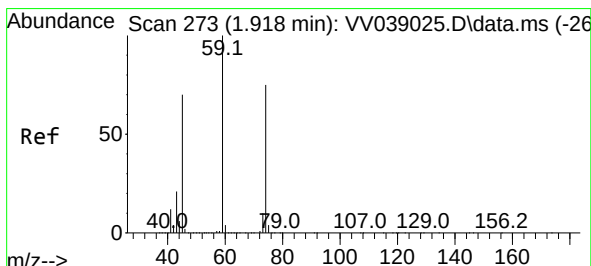
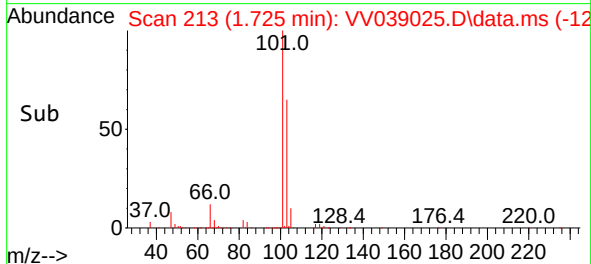
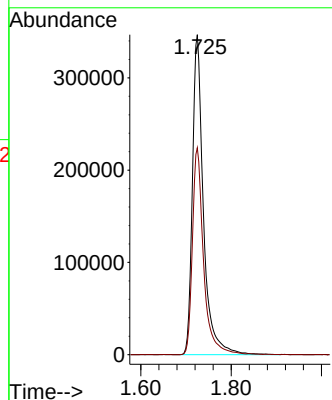
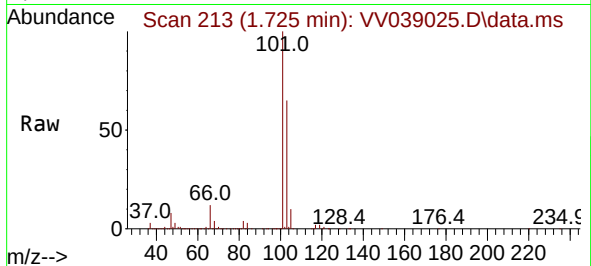




#7
 Trichlorofluoromethane
 Concen: 46.156 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039025.D
 Acq: 25 Aug 2025 11:25

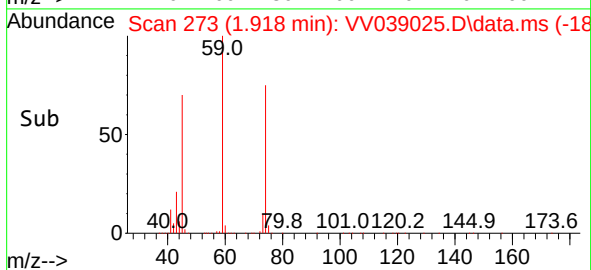
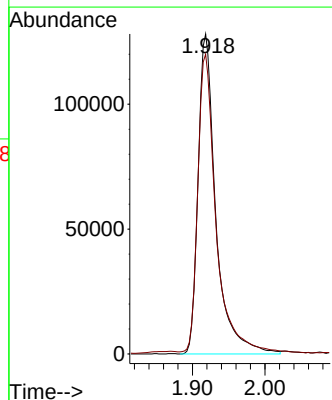
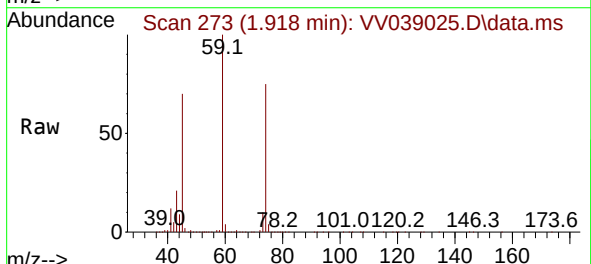
Instrument :
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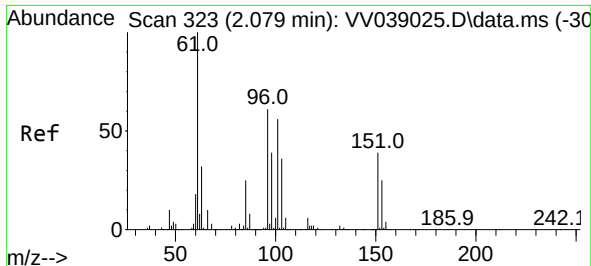
Tgt Ion:101 Resp: 587994
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.7 77.5



#8
 Diethyl Ether
 Concen: 45.103 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039025.D
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Tgt Ion: 74 Resp: 217969
 Ion Ratio Lower Upper
 74 100
 45 96.3 48.1 144.4

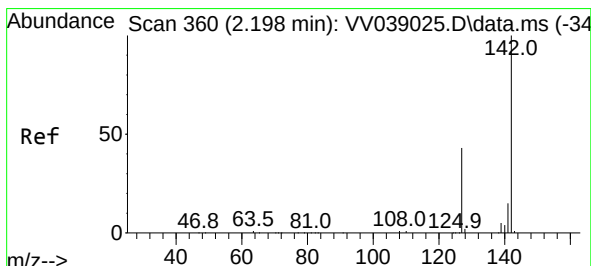
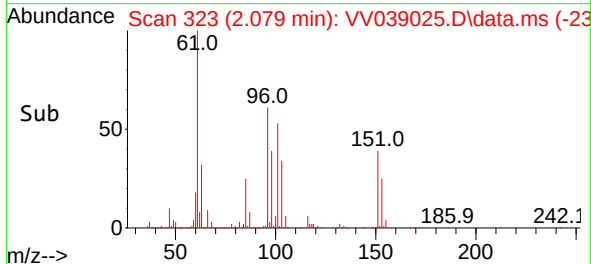
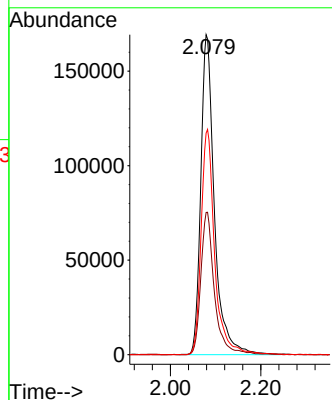
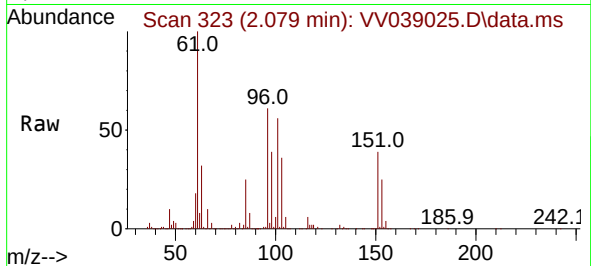




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.108 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

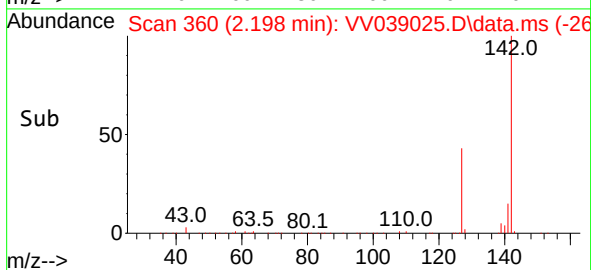
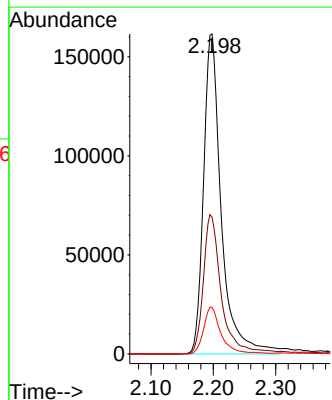
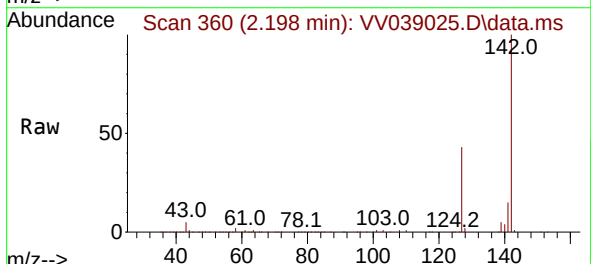
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

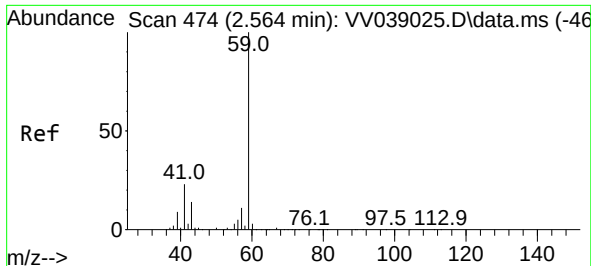
Tgt Ion:101 Resp: 353857
Ion Ratio Lower Upper
101 100
85 44.4 35.5 53.3
151 70.1 56.1 84.1



#10
Methyl Iodide
Concen: 46.071 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion:142 Resp: 320161
Ion Ratio Lower Upper
142 100
127 44.6 35.7 53.5
141 14.5 11.6 17.4

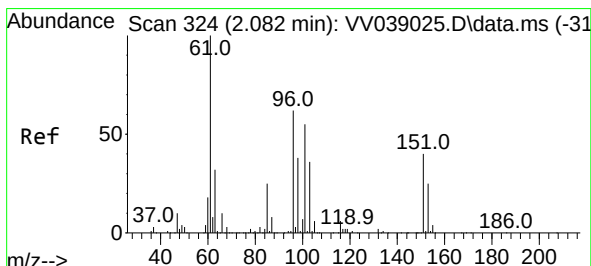
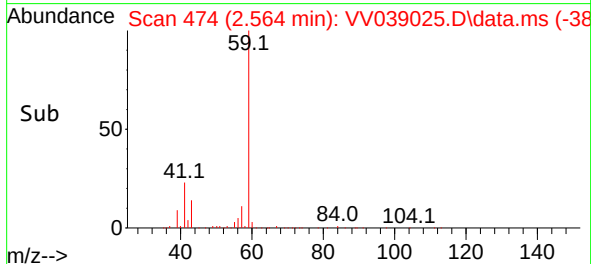
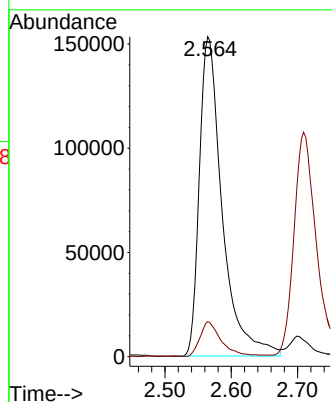
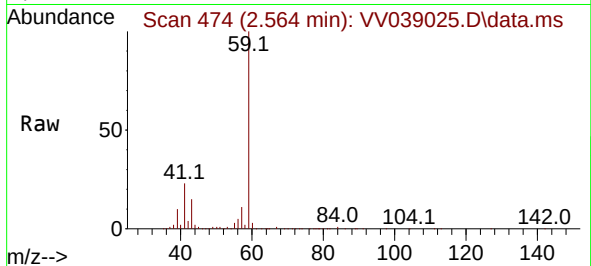




#11
Tert butyl alcohol
Concen: 266.206 ug/l
RT: 2.564 min Scan# 411
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

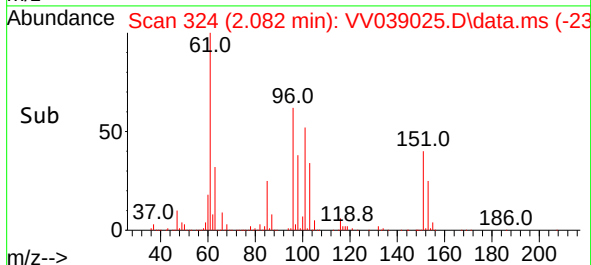
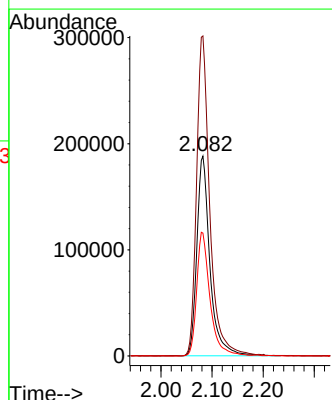
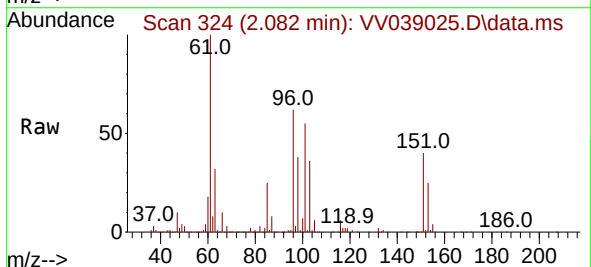
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

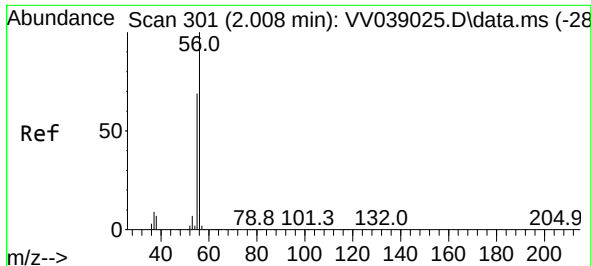
Tgt Ion: 59 Resp: 366525
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 45.801 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 96 Resp: 336541
Ion Ratio Lower Upper
96 100
61 160.2 128.2 192.2
98 61.6 49.3 73.9

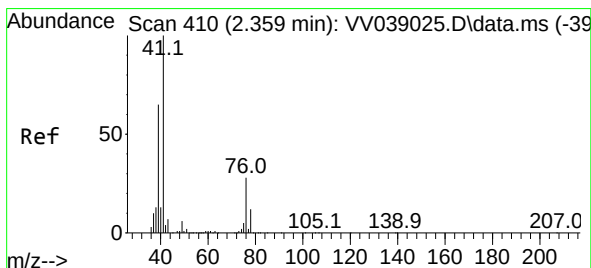
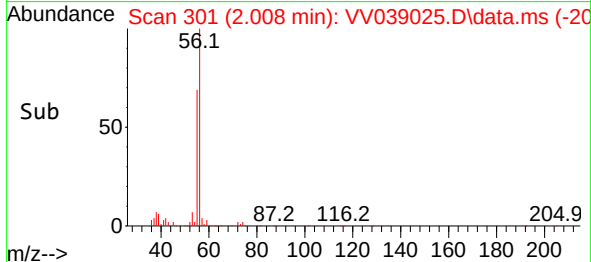
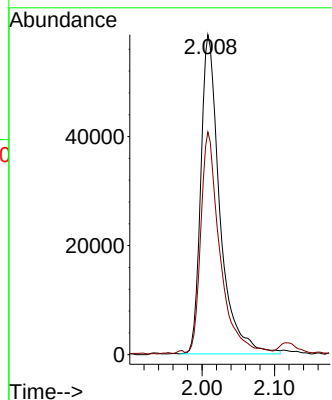
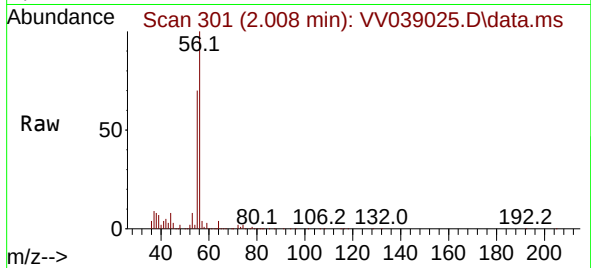




#13
Acrolein
Concen: 171.150 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

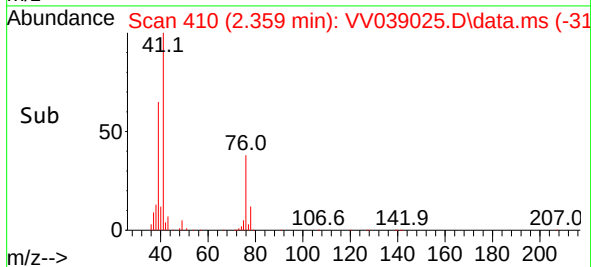
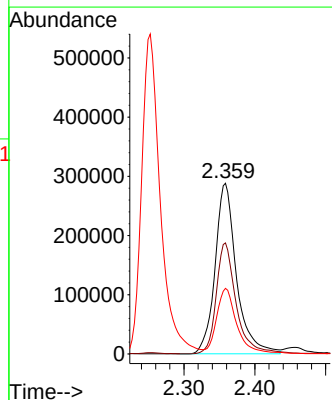
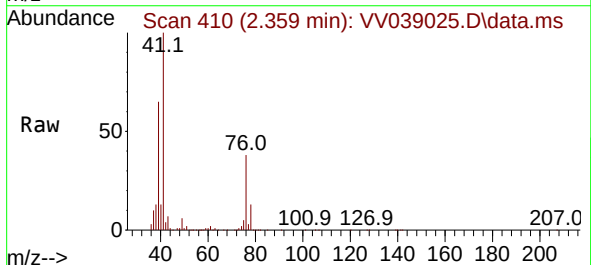
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

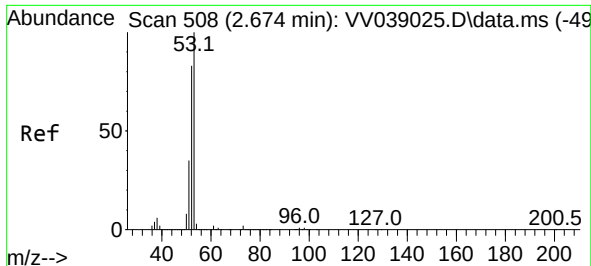
Tgt Ion: 56 Resp: 106395
Ion Ratio Lower Upper
56 100
55 68.4 54.7 82.1



#14
Allyl chloride
Concen: 52.372 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 41 Resp: 605701
Ion Ratio Lower Upper
41 100
39 60.6 48.5 72.7
76 36.3 29.0 43.6

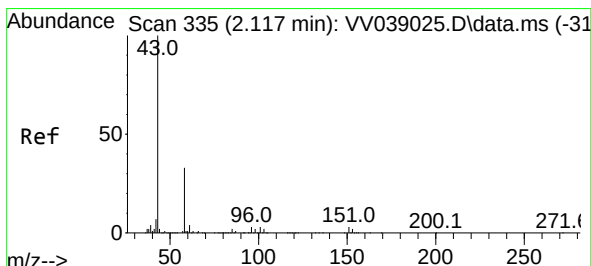
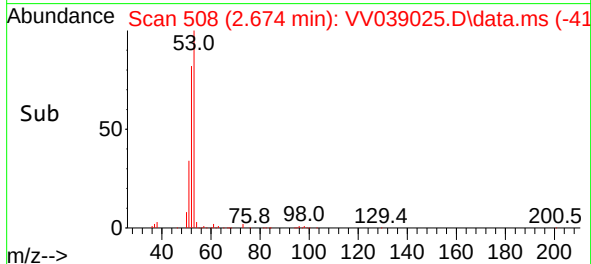
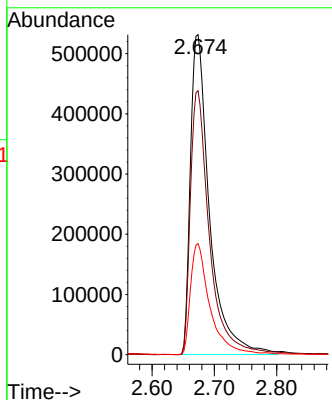
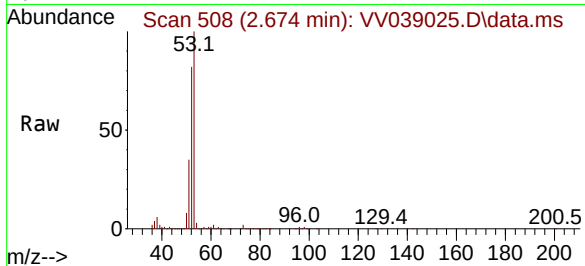




#15
Acrylonitrile
Concen: 276.321 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

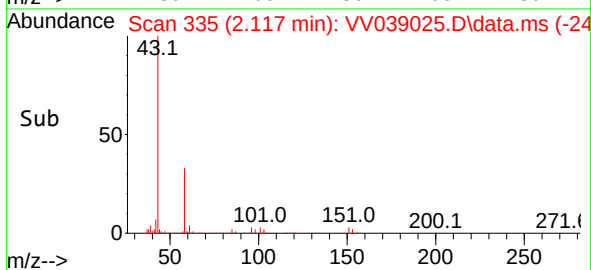
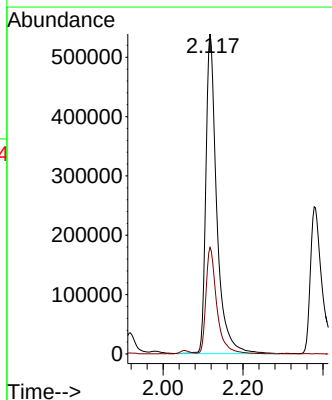
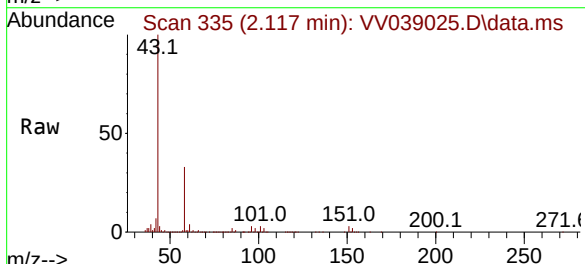
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

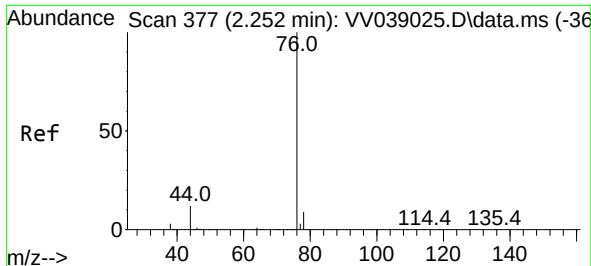
Tgt Ion: 53 Resp: 1134636
Ion Ratio Lower Upper
53 100
52 82.4 65.9 98.9
51 34.9 27.9 41.9



#16
Acetone
Concen: 210.313 ug/l
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 43 Resp: 1018833
Ion Ratio Lower Upper
43 100
58 33.3 26.6 40.0

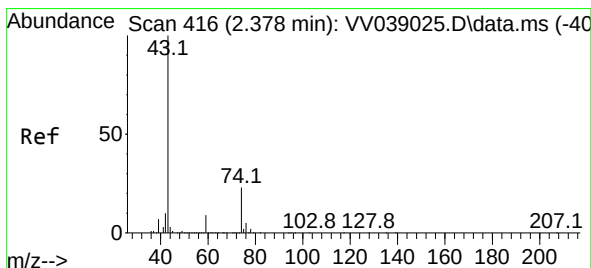
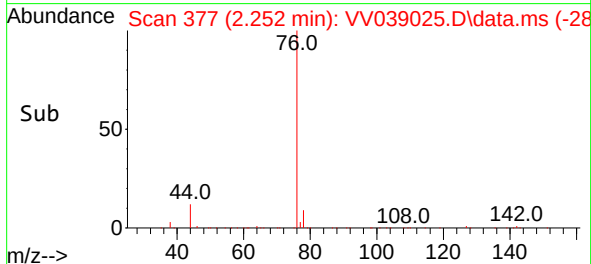
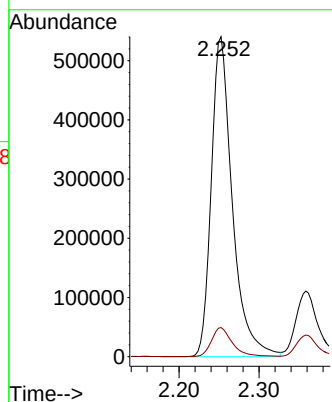
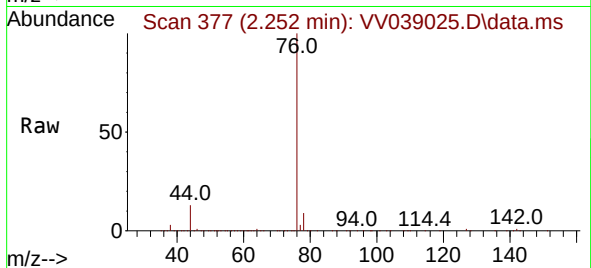




#17
Carbon Disulfide
Concen: 48.509 ug/l
RT: 2.252 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

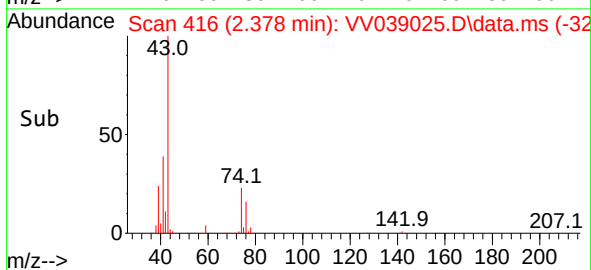
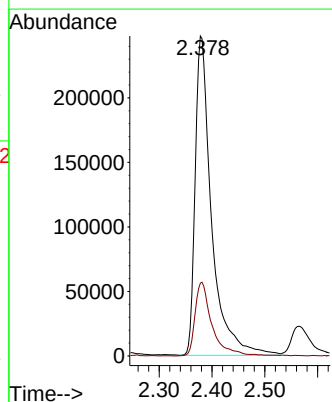
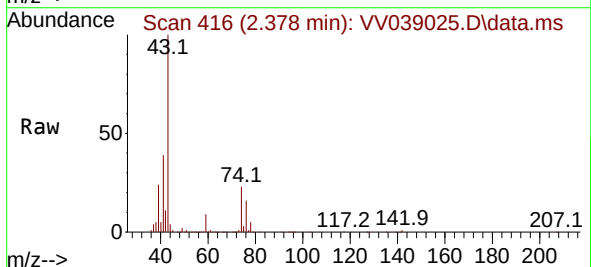
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

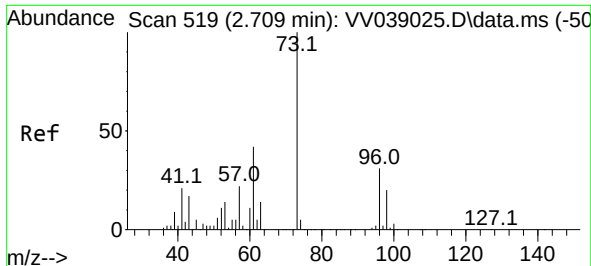
Tgt Ion: 76 Resp: 989460
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#18
Methyl Acetate
Concen: 56.446 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 43 Resp: 532678
Ion Ratio Lower Upper
43 100
74 23.6 18.9 28.3

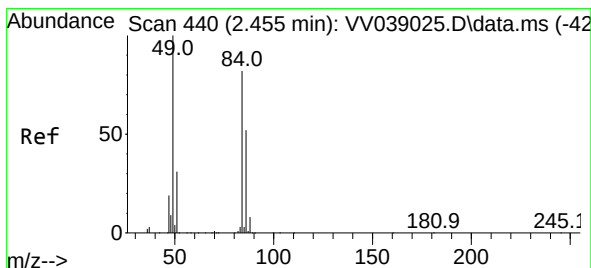
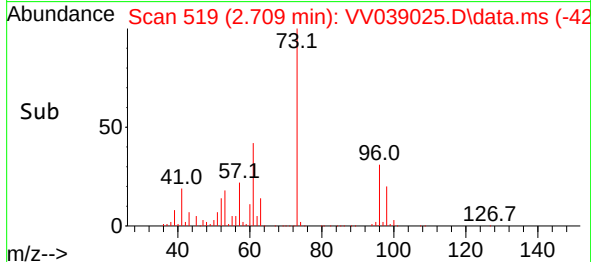
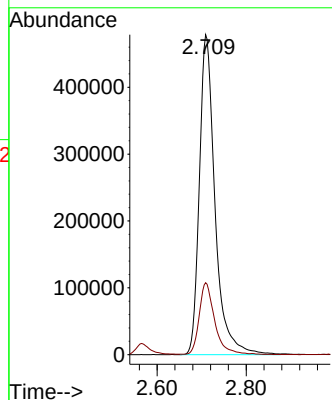
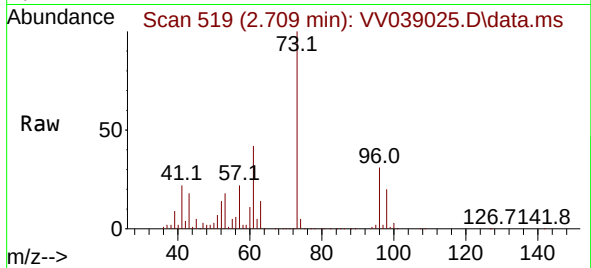




#19
Methyl tert-butyl Ether
Concen: 54.022 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

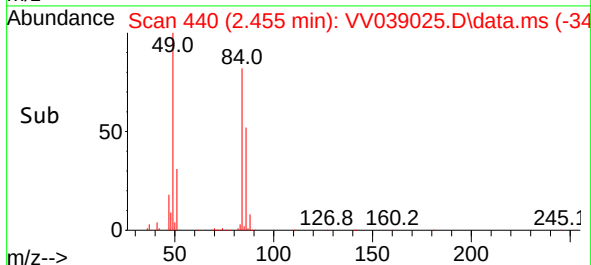
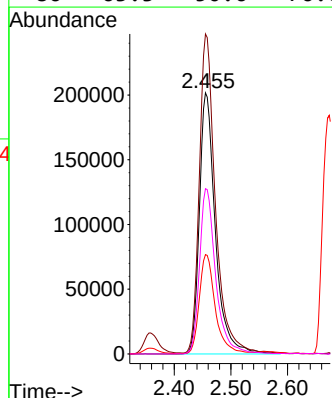
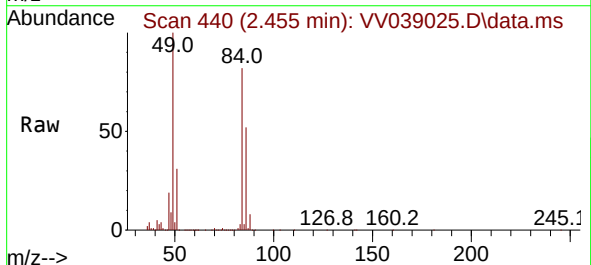
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

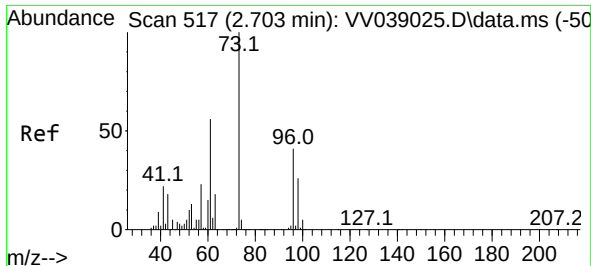
Tgt Ion: 73 Resp: 1169633
Ion Ratio Lower Upper
73 100
57 22.4 17.9 26.9



#20
Methylene Chloride
Concen: 50.108 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 84 Resp: 396398
Ion Ratio Lower Upper
84 100
49 122.3 97.8 146.8
51 37.9 30.3 45.5
86 63.3 50.6 76.0

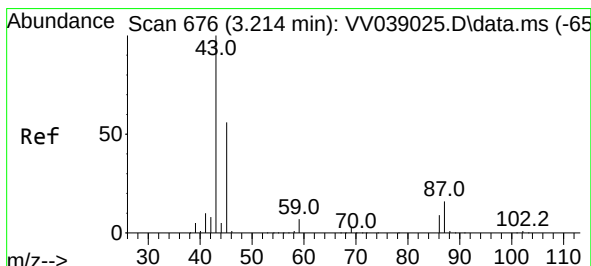
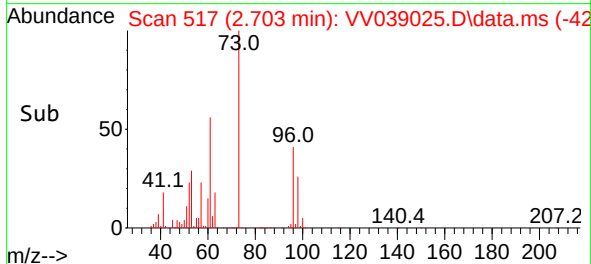
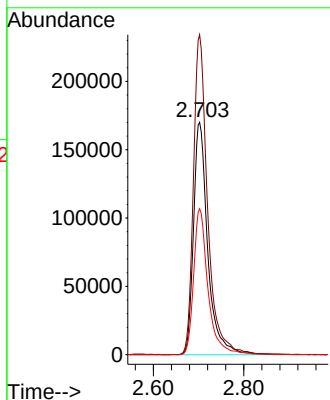
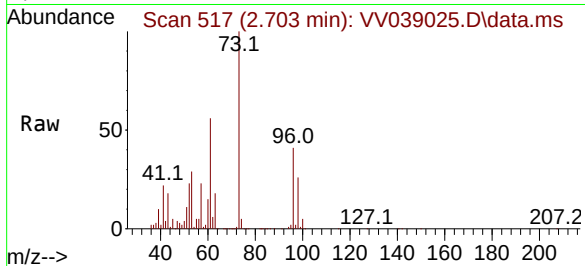




#21
trans-1,2-Dichloroethene
Concen: 50.619 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

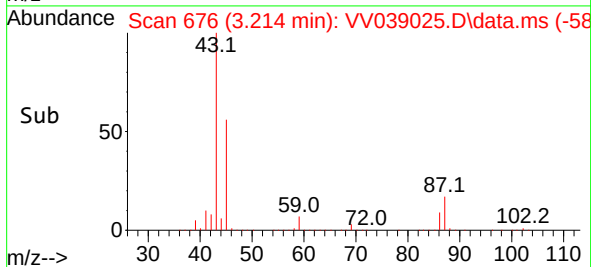
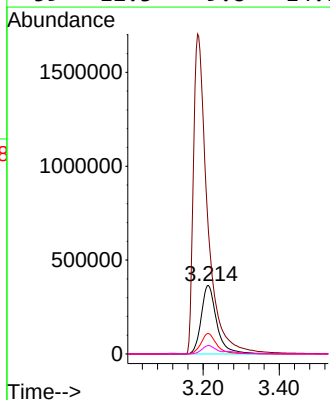
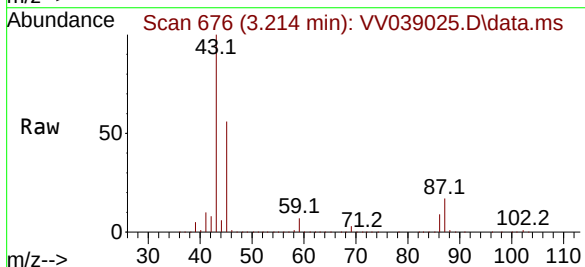
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

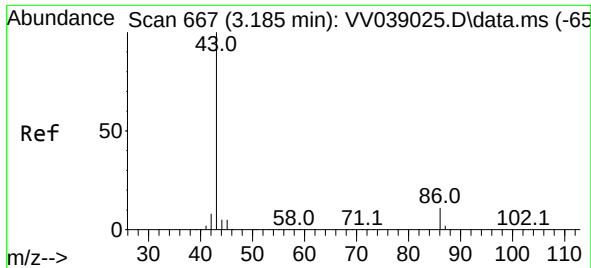
Tgt Ion: 96 Resp: 372801
Ion Ratio Lower Upper
96 100
61 137.6 110.1 165.1
98 62.8 50.2 75.4



#22
Diisopropyl ether
Concen: 49.362 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 45 Resp: 1038949
Ion Ratio Lower Upper
45 100
43 178.7 143.0 214.4
87 29.7 23.8 35.6
59 12.3 9.8 14.8

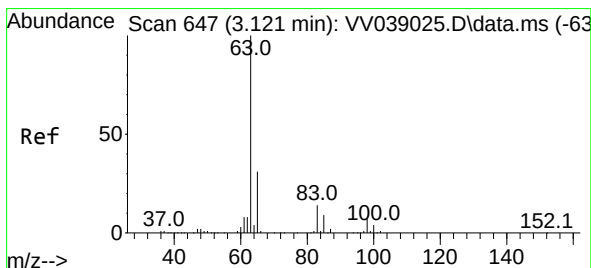
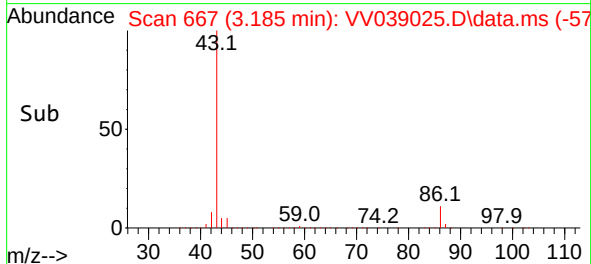
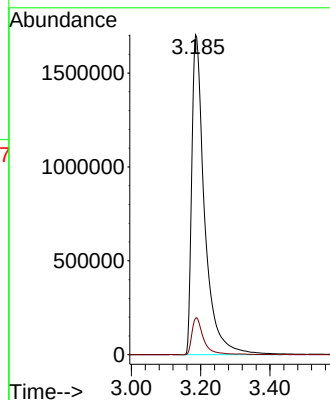
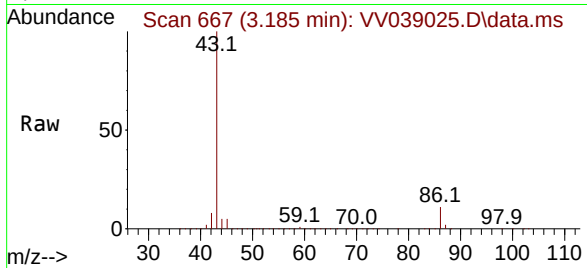




#23
 Vinyl Acetate
 Concen: 255.176 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. 0.000 min
 Lab File: VV039025.D
 Acq: 25 Aug 2025 11:25

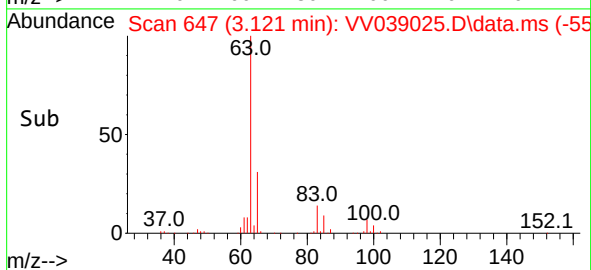
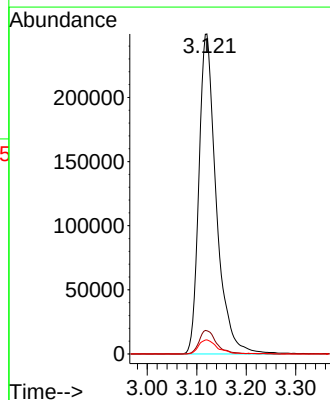
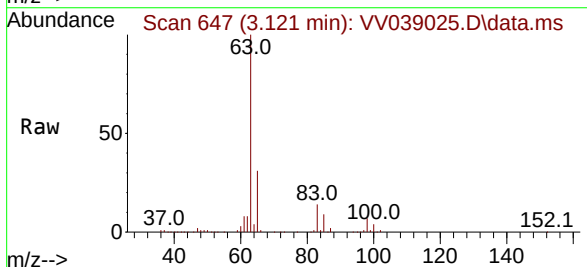
Instrument :
 MSVOA_V
 ClientSampleId :
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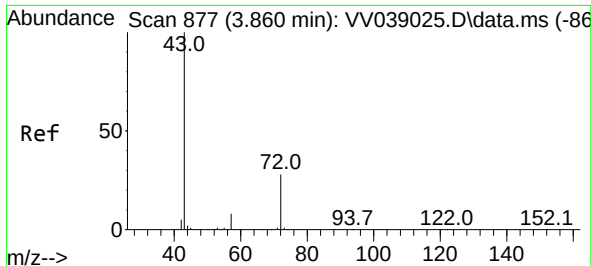
Tgt Ion: 43 Resp: 4403765
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.1 13.7



#24
 1,1-Dichloroethane
 Concen: 46.125 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.000 min
 Lab File: VV039025.D
 Acq: 25 Aug 2025 11:25

Tgt Ion: 63 Resp: 608179
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.6 10.9
 100 4.4 2.2 6.6

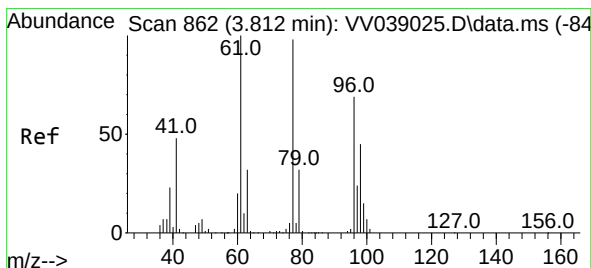
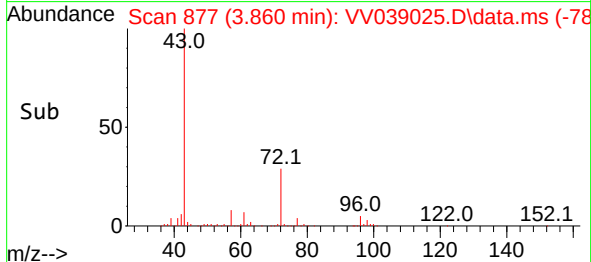
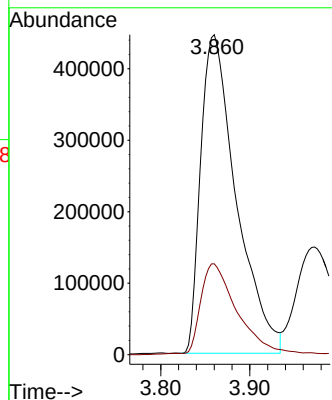
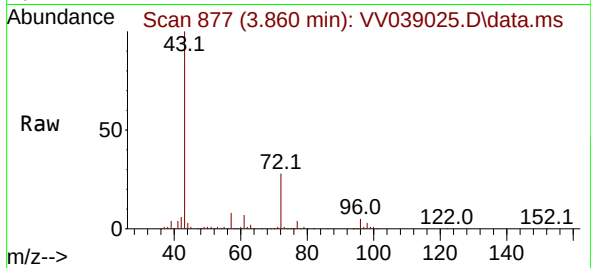




#25
2-Butanone
Concen: 232.091 ug/l
RT: 3.860 min Scan# 877
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

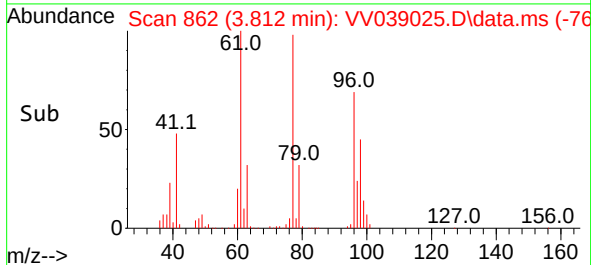
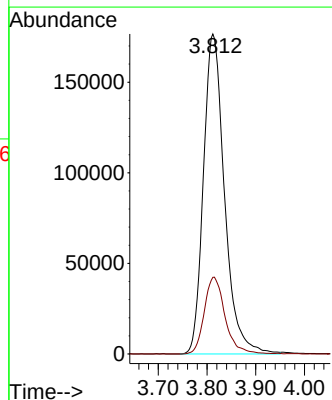
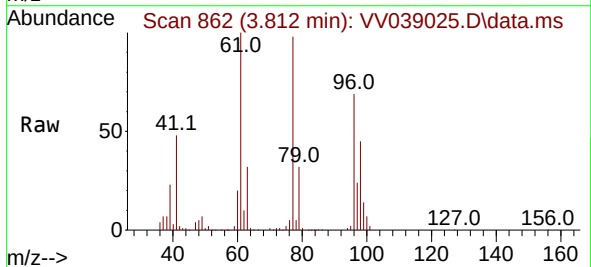
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

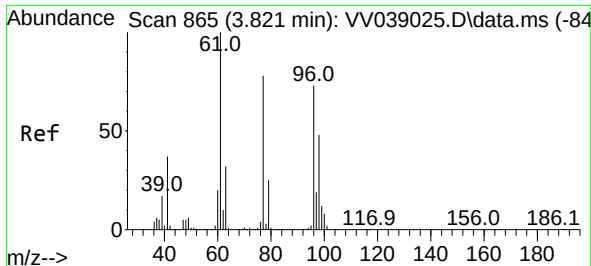
Tgt Ion: 43 Resp: 1236818
Ion Ratio Lower Upper
43 100
72 28.2 22.6 33.8



#26
2,2-Dichloropropane
Concen: 46.861 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 77 Resp: 531134
Ion Ratio Lower Upper
77 100
97 23.6 11.8 35.4

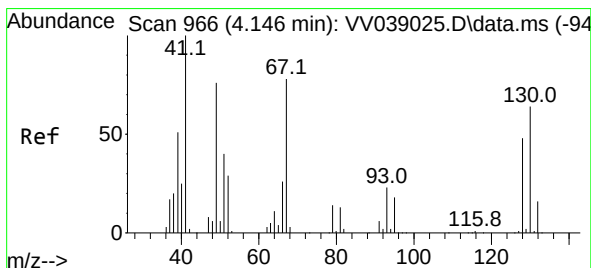
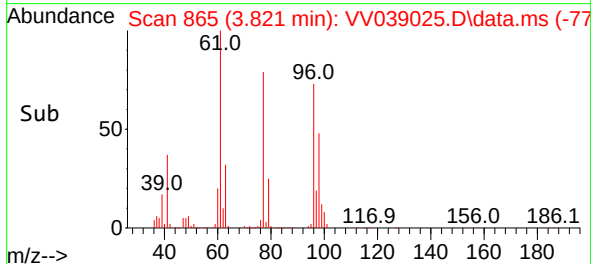
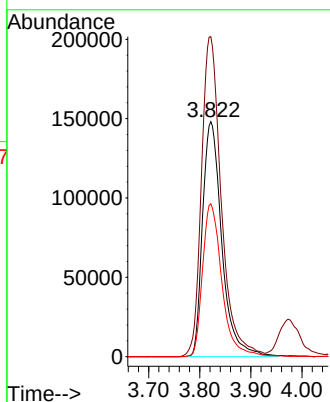
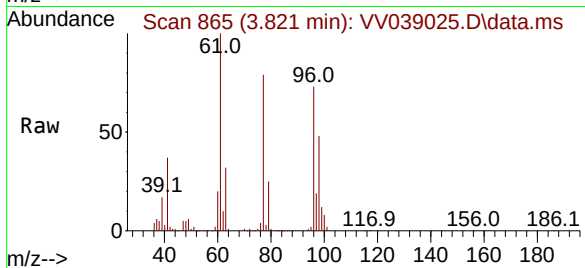




#27
 cis-1,2-Dichloroethene
 Concen: 47.510 ug/l
 RT: 3.821 min Scan# 865
 Delta R.T. 0.000 min
 Lab File: VV039025.D
 Acq: 25 Aug 2025 11:25

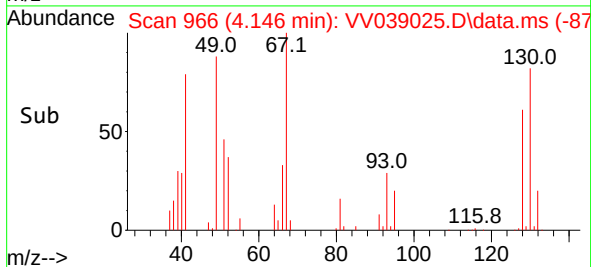
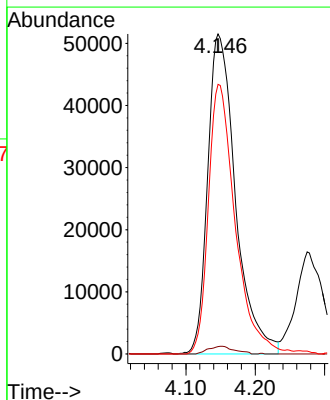
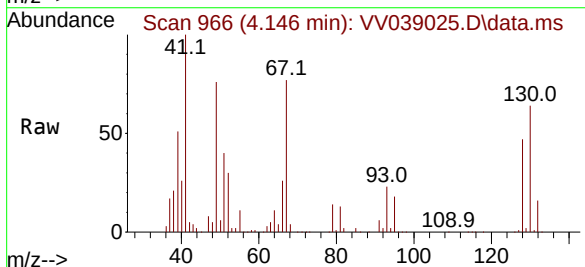
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

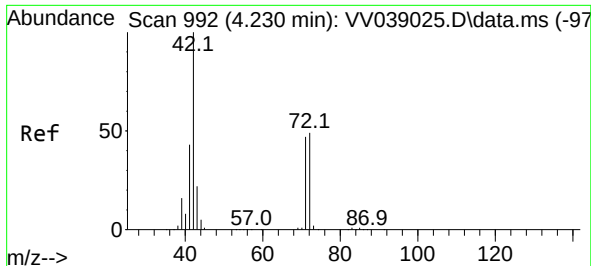
Tgt Ion: 96 Resp: 387799
 Ion Ratio Lower Upper
 96 100
 61 140.4 0.0 280.8
 98 65.1 0.0 130.2



#28
 Bromochloromethane
 Concen: 48.434 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV039025.D
 Acq: 25 Aug 2025 11:25

Tgt Ion: 49 Resp: 143717
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.4
 130 81.1 64.9 97.3

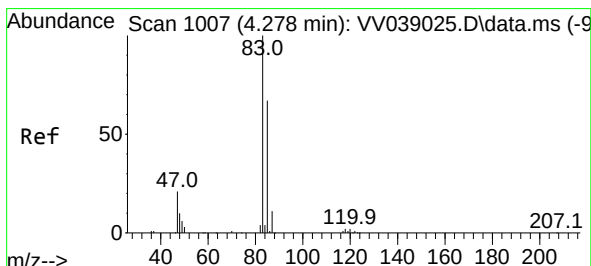
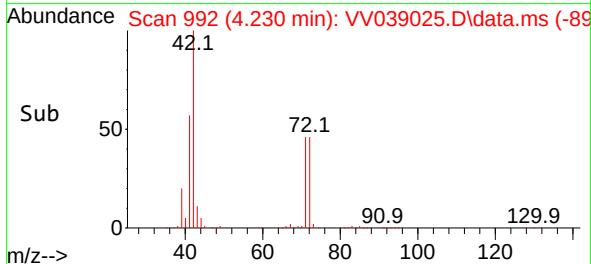
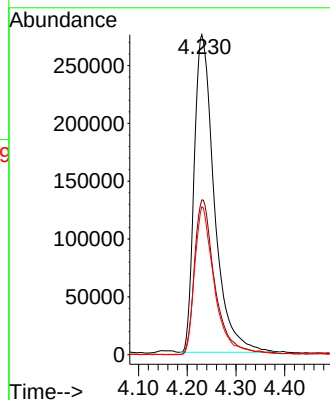
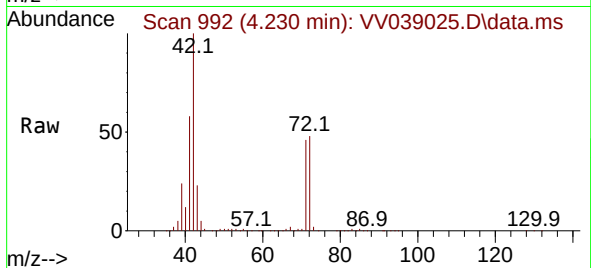




#29
Tetrahydrofuran
Concen: 240.271 ug/l
RT: 4.230 min Scan# 992
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

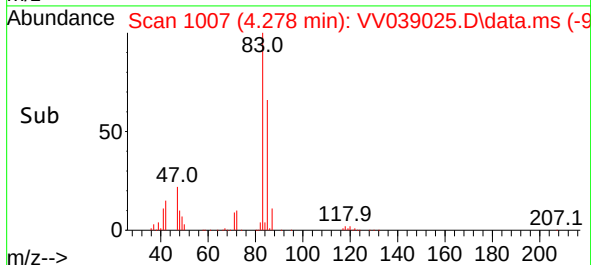
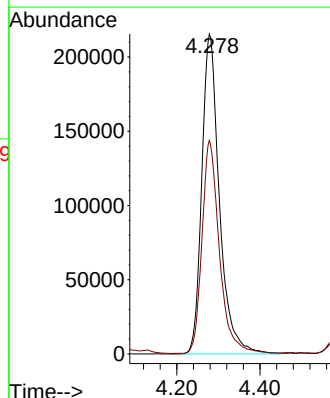
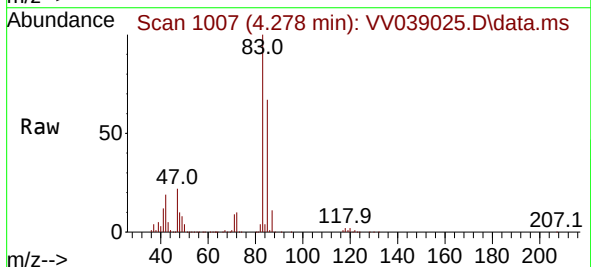
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

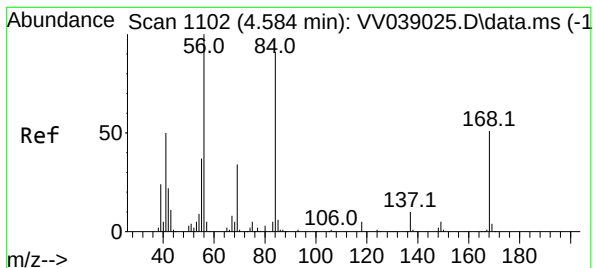
Tgt Ion: 42 Resp: 789109
Ion Ratio Lower Upper
42 100
72 48.7 39.0 58.4
71 46.3 37.0 55.6



#30
Chloroform
Concen: 46.218 ug/l
RT: 4.278 min Scan# 1007
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 83 Resp: 633832
Ion Ratio Lower Upper
83 100
85 66.5 53.2 79.8





#31

Cyclohexane

Concen: 46.150 ug/l

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

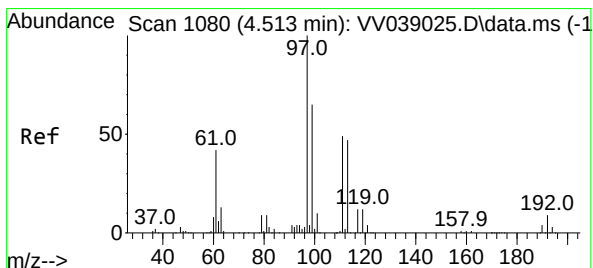
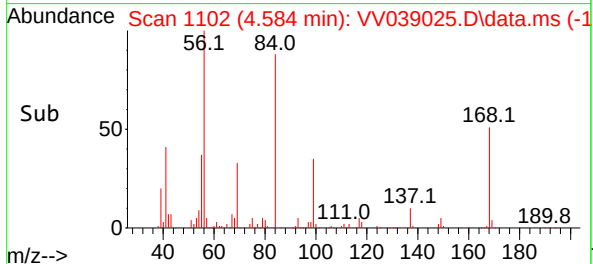
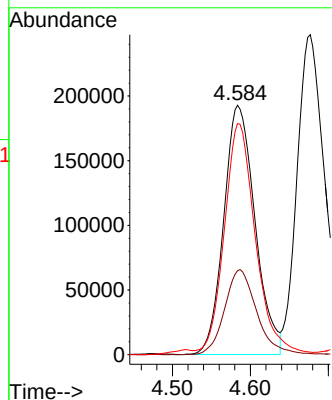
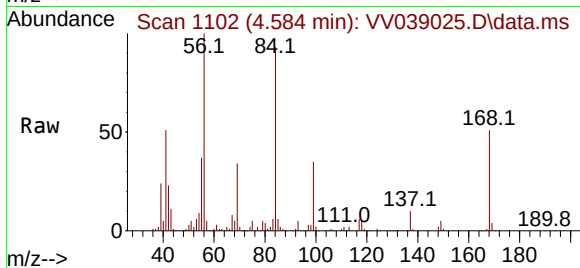
Tgt Ion: 56 Resp: 538167

Ion Ratio Lower Upper

56 100

69 33.7 27.0 40.4

84 91.1 72.9 109.3



#32

1,1,1-Trichloroethane

Concen: 46.705 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

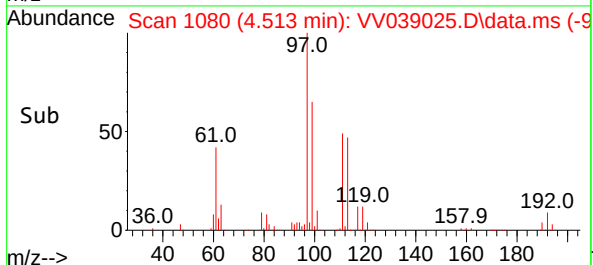
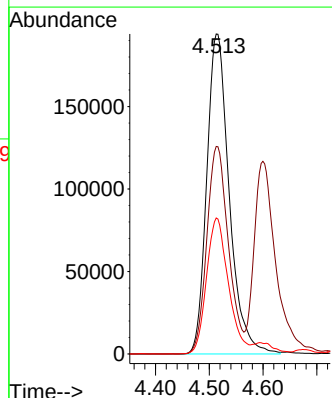
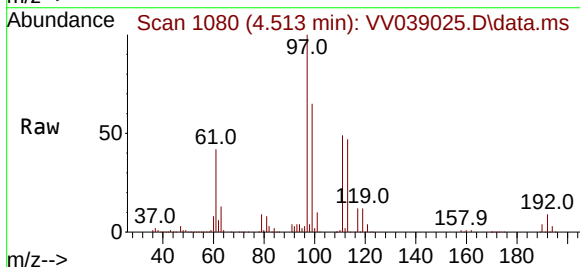
Tgt Ion: 97 Resp: 563801

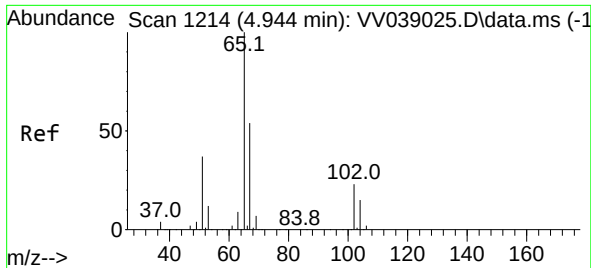
Ion Ratio Lower Upper

97 100

99 62.2 49.8 74.6

61 41.6 33.3 49.9





#33

1,2-Dichloroethane-d4

Concen: 46.143 ug/l

RT: 4.944 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

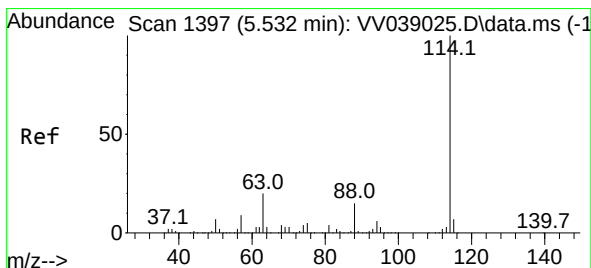
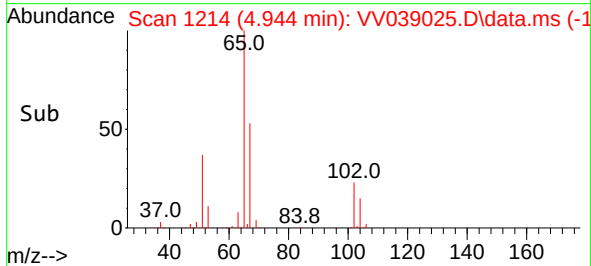
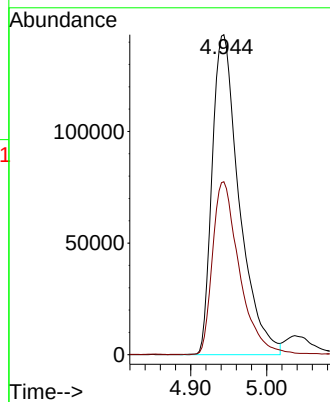
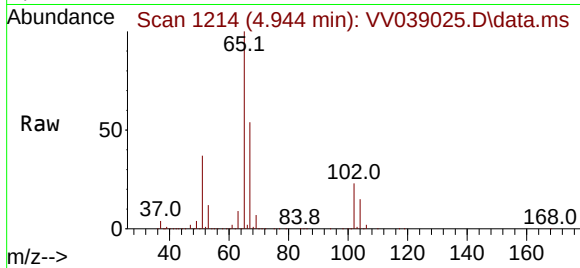
VSTDICCC050

Tgt Ion: 65 Resp: 353924

Ion Ratio Lower Upper

65 100

67 54.1 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: VV039025.D

Acq: 25 Aug 2025 11:25

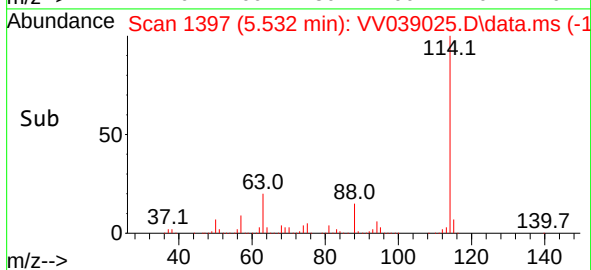
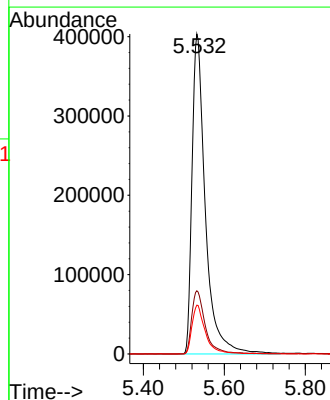
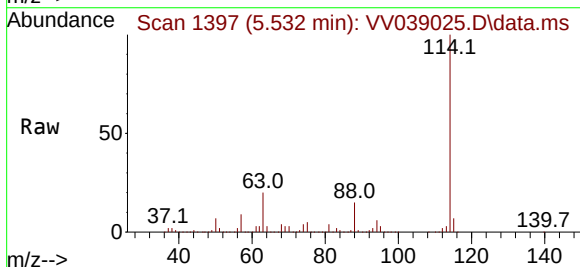
Tgt Ion: 114 Resp: 920827

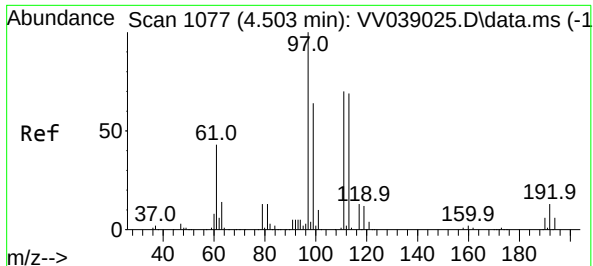
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.4

88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 46.769 ug/l

RT: 4.503 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

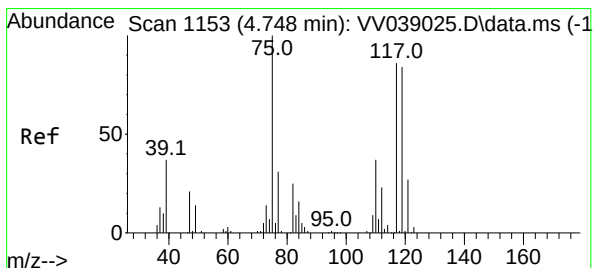
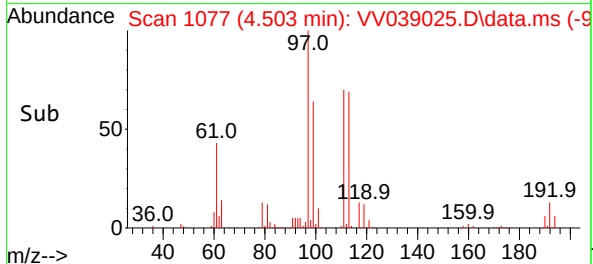
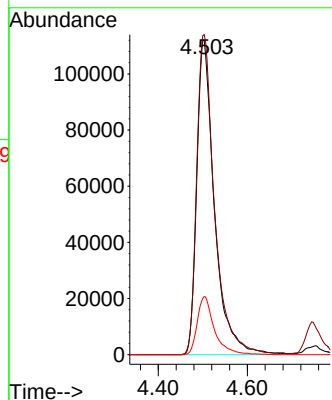
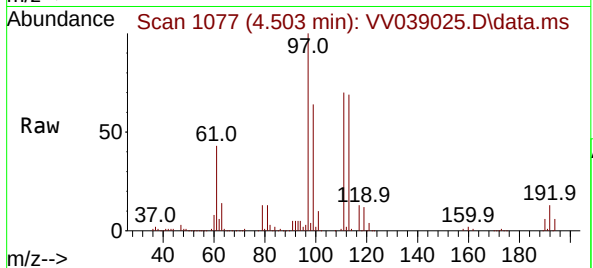
Tgt Ion:113 Resp: 310141

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 17.7 14.2 21.2



#36

1,1-Dichloropropene

Concen: 47.349 ug/l

RT: 4.748 min Scan# 1153

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

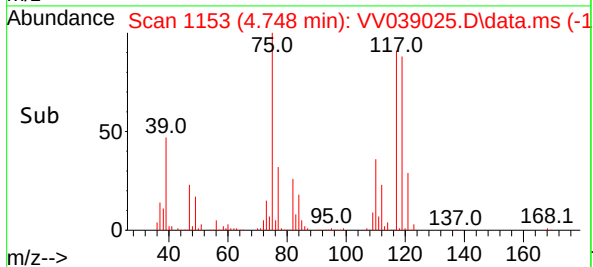
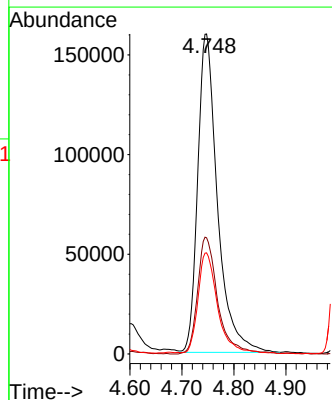
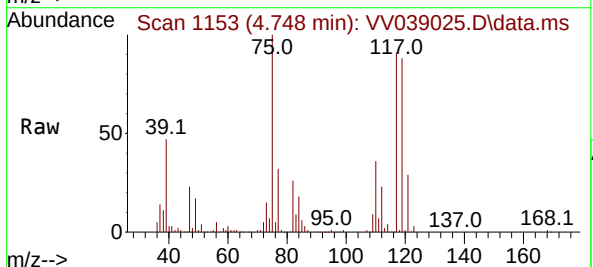
Tgt Ion: 75 Resp: 421991

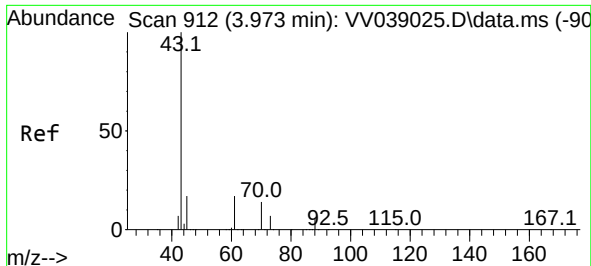
Ion Ratio Lower Upper

75 100

110 37.2 18.6 55.8

77 30.7 24.6 36.8

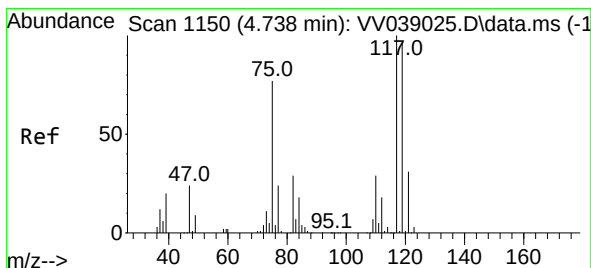
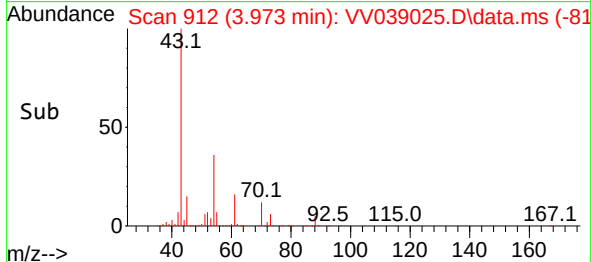
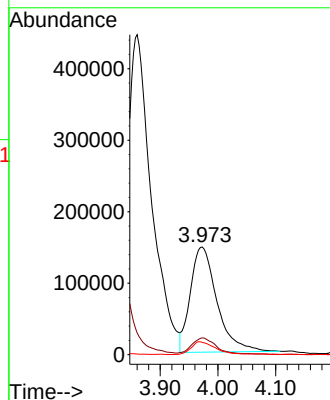
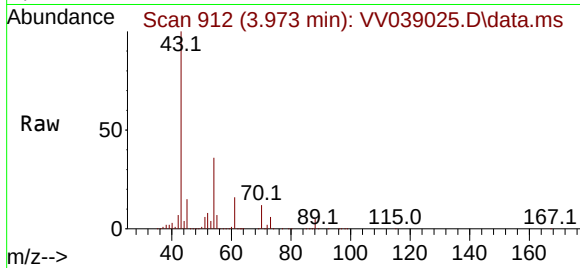




#37
Ethyl Acetate
Concen: 45.153 ug/l
RT: 3.973 min Scan# 912
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

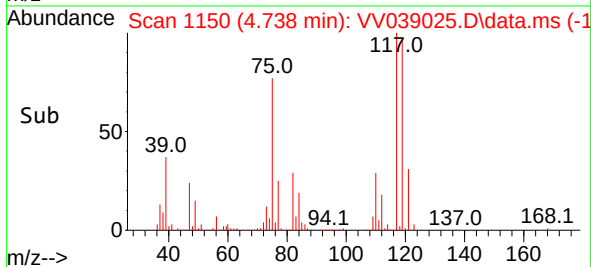
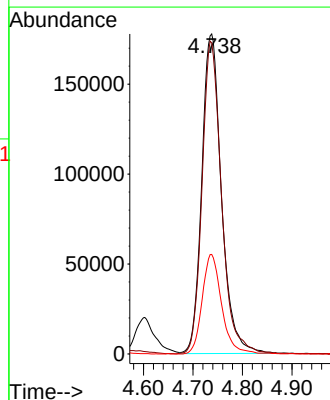
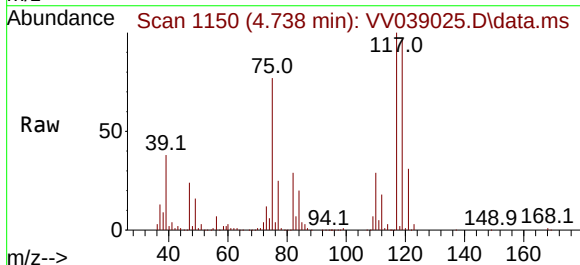
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

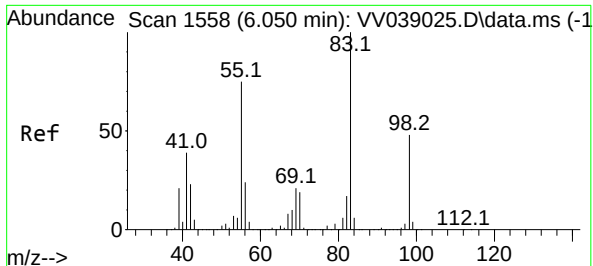
Tgt Ion: 43 Resp: 472338
Ion Ratio Lower Upper
43 100
61 13.3 10.6 16.0
70 10.8 8.6 13.0



#38
Carbon Tetrachloride
Concen: 46.076 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 117 Resp: 491738
Ion Ratio Lower Upper
117 100
119 97.2 77.8 116.6
121 31.1 24.9 37.3





#39

Methylcyclohexane

Concen: 53.890 ug/l

RT: 6.050 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

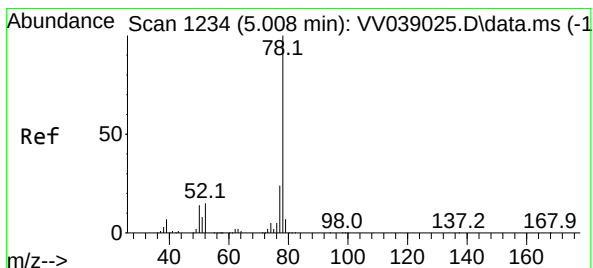
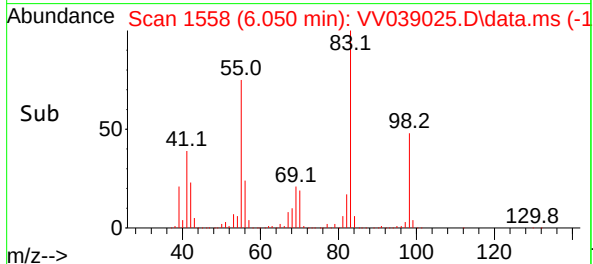
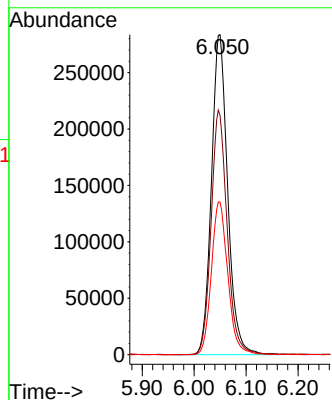
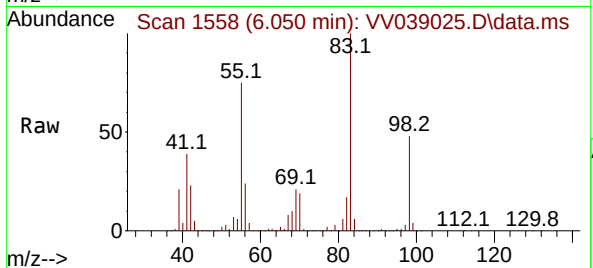
Tgt Ion: 83 Resp: 616553

Ion Ratio Lower Upper

83 100

55 74.7 59.8 89.6

98 47.7 38.2 57.2



#40

Benzene

Concen: 47.070 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV039025.D

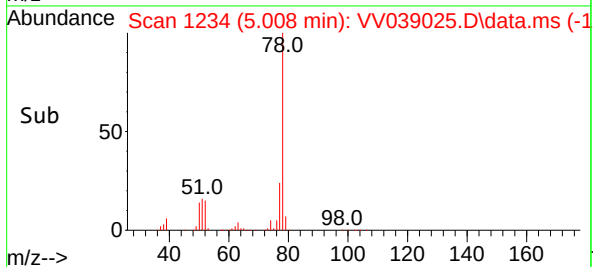
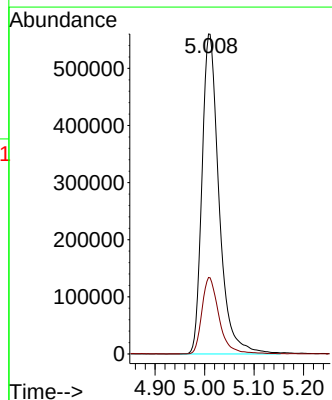
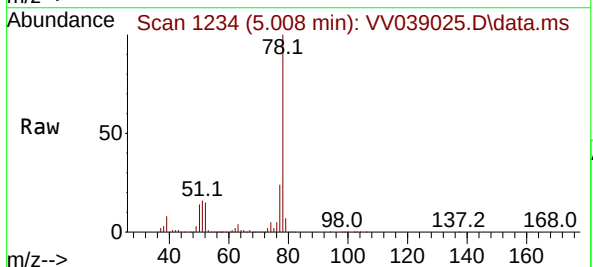
Acq: 25 Aug 2025 11:25

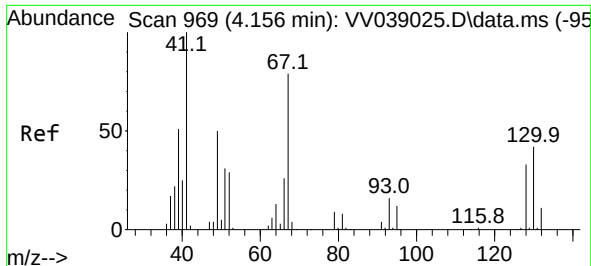
Tgt Ion: 78 Resp: 1340661

Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7



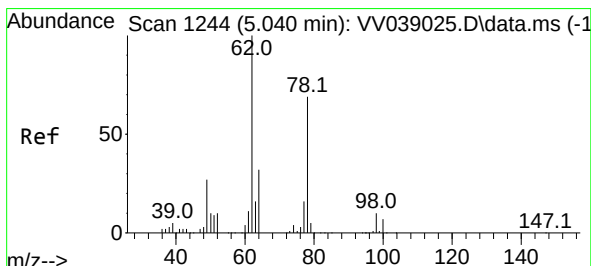
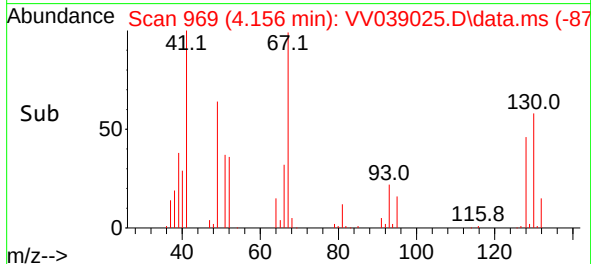
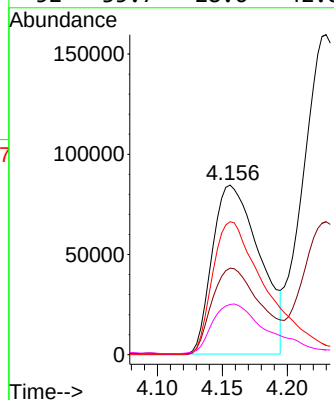
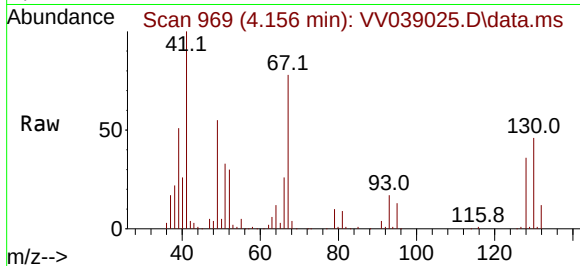


#41
Methacrylonitrile
Concen: 49.008 ug/l
RT: 4.156 min Scan# 969
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 214146

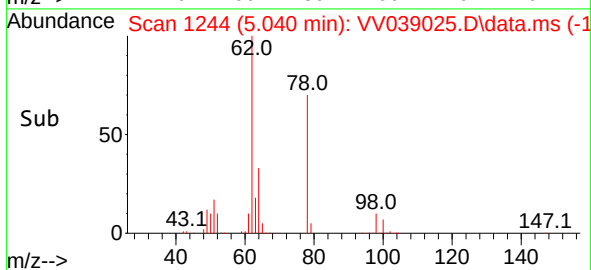
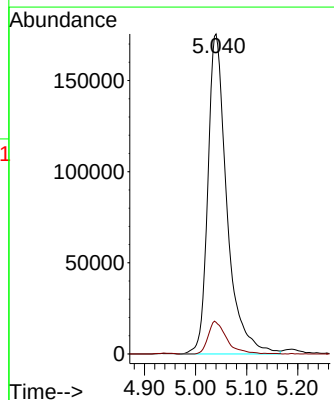
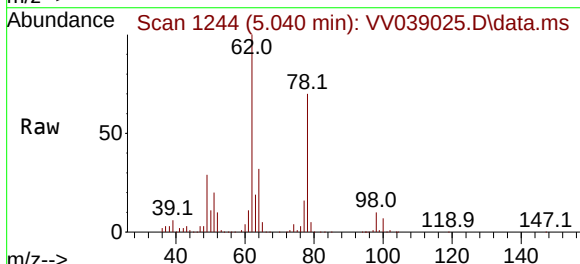
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.7	64.1
67	93.1	74.5	111.7
52	35.7	28.6	42.8

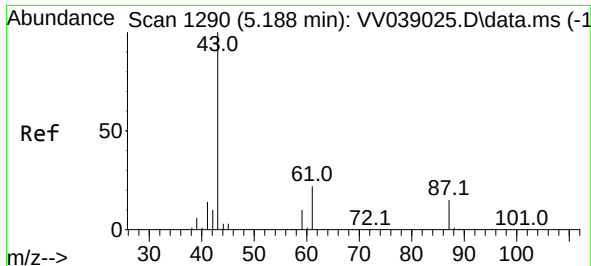


#42
1,2-Dichloroethane
Concen: 45.777 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 62 Resp: 454637

Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	19.8

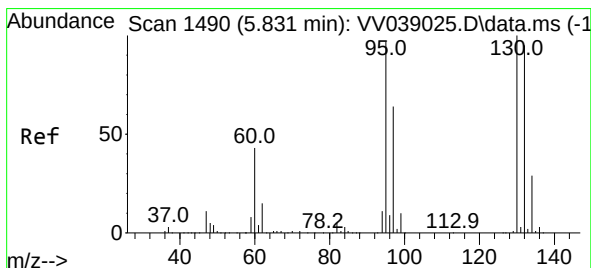
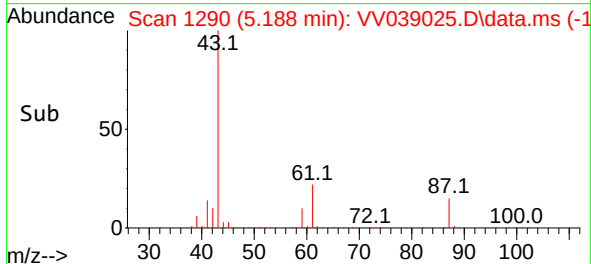
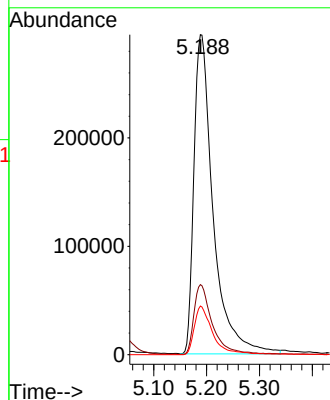
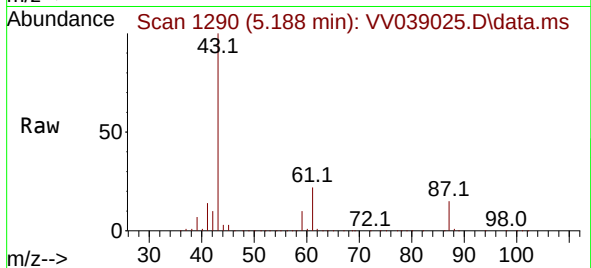




#43
Isopropyl Acetate
Concen: 49.996 ug/l
RT: 5.188 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

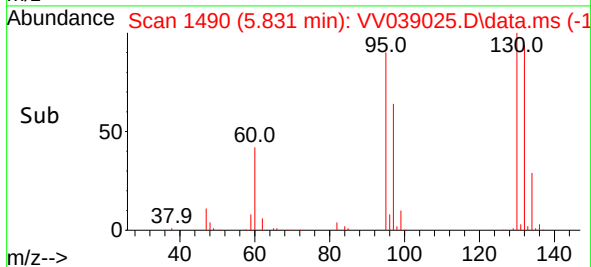
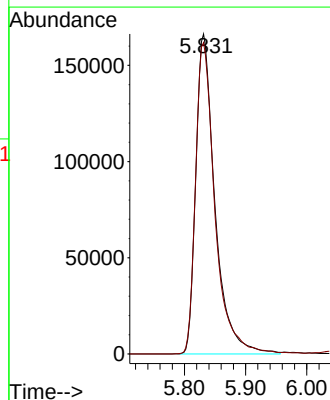
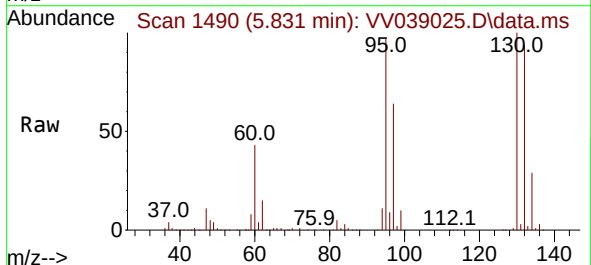
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

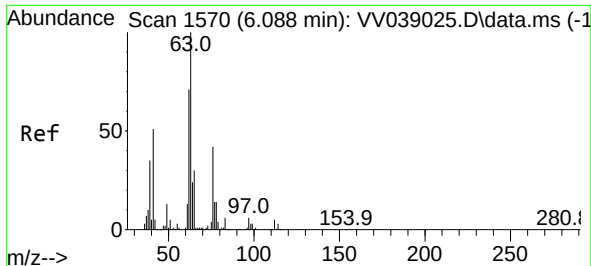
Tgt Ion: 43 Resp: 744291
Ion Ratio Lower Upper
43 100
61 20.8 16.6 25.0
87 14.6 11.7 17.5



#44
Trichloroethene
Concen: 50.627 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion:130 Resp: 362048
Ion Ratio Lower Upper
130 100
95 97.2 0.0 194.4





#45

1,2-Dichloropropane

Concen: 51.381 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

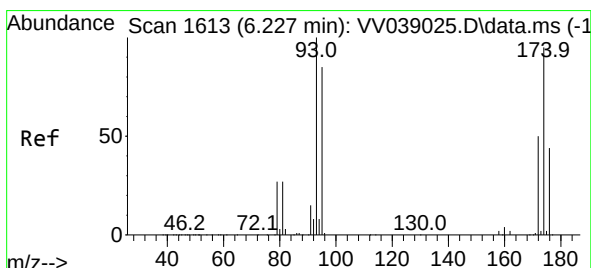
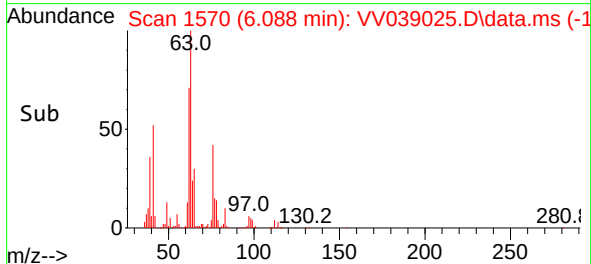
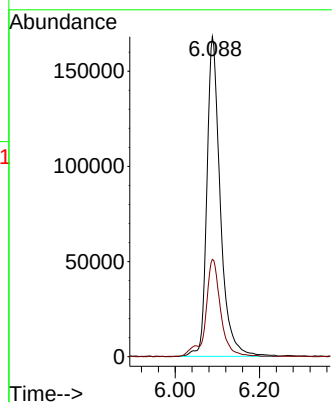
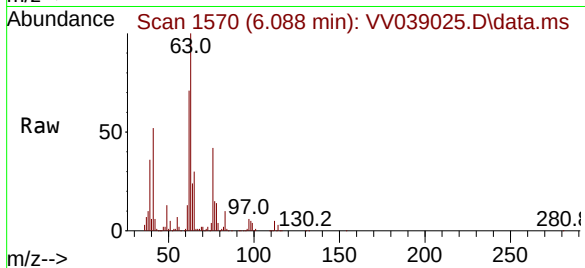
VSTDICCC050

Tgt Ion: 63 Resp: 372038

Ion Ratio Lower Upper

63 100

65 30.3 24.2 36.4



#46

Dibromomethane

Concen: 48.981 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

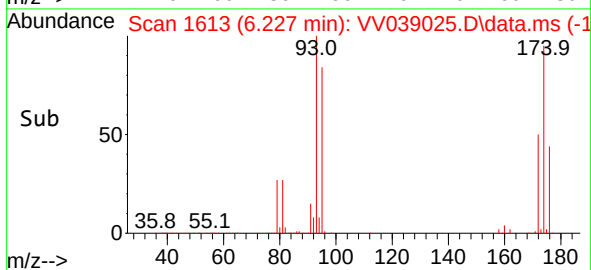
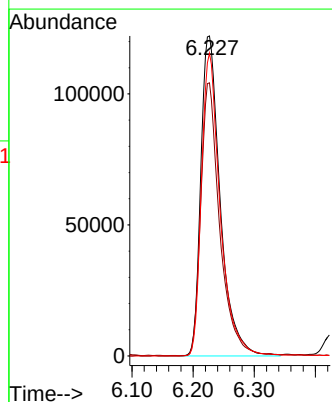
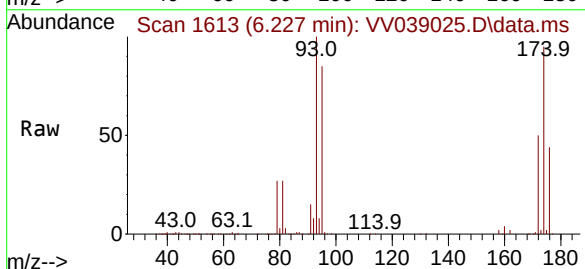
Tgt Ion: 93 Resp: 268965

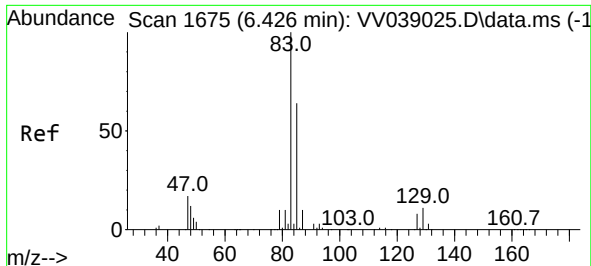
Ion Ratio Lower Upper

93 100

95 82.6 66.1 99.1

174 91.9 73.5 110.3

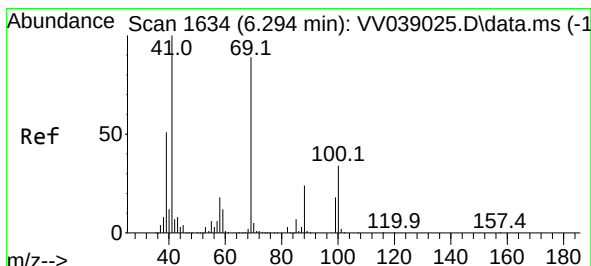
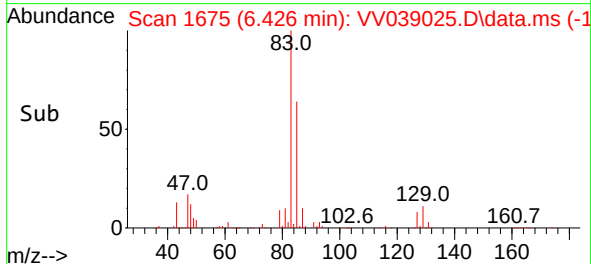
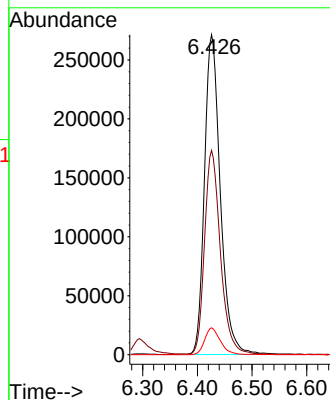
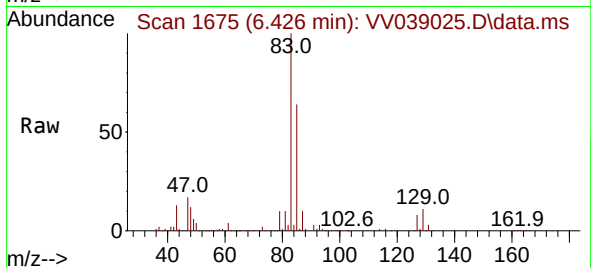




#47
Bromodichloromethane
Concen: 48.336 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

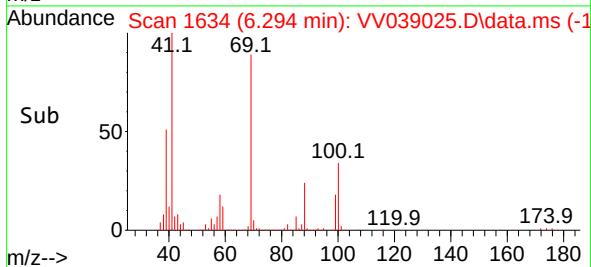
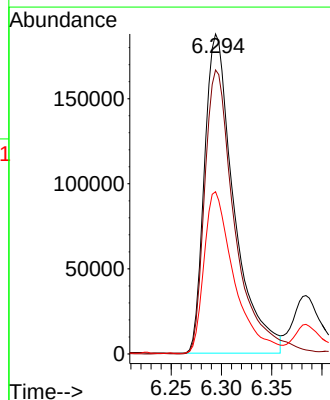
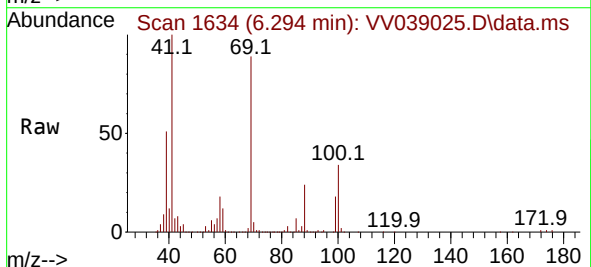
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

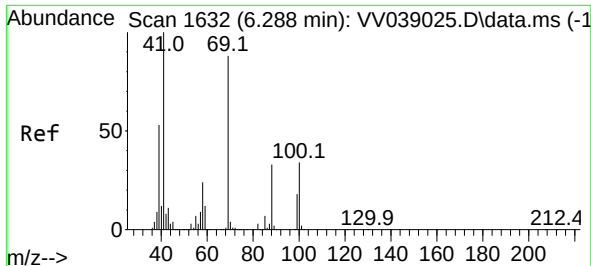
Tgt Ion: 83 Resp: 546904
Ion Ratio Lower Upper
83 100
85 63.7 51.0 76.4
127 8.4 6.7 10.1



#48
Methyl methacrylate
Concen: 52.693 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 41 Resp: 382832
Ion Ratio Lower Upper
41 100
69 91.9 73.5 110.3
39 51.6 41.3 61.9





#49

1,4-Dioxane

Concen: 981.039 ug/l

RT: 6.288 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

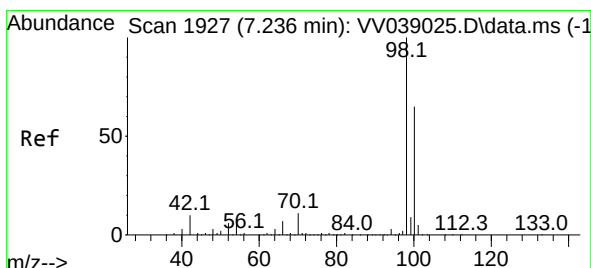
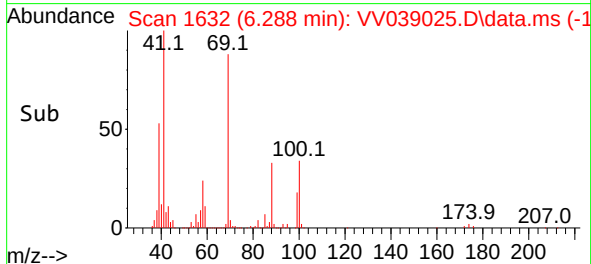
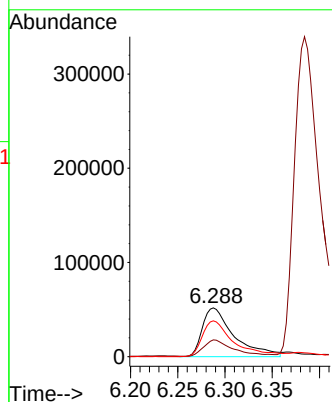
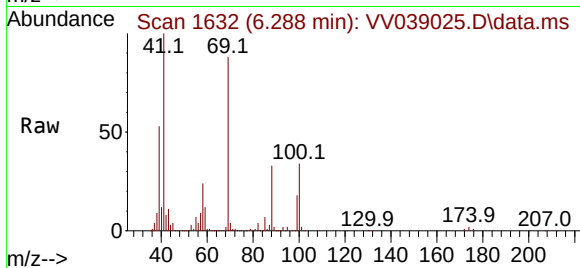
Tgt Ion: 88 Resp: 120622

Ion Ratio Lower Upper

88 100

43 31.8 25.4 38.2

58 73.0 58.4 87.6



#50

Toluene-d8

Concen: 48.949 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV039025.D

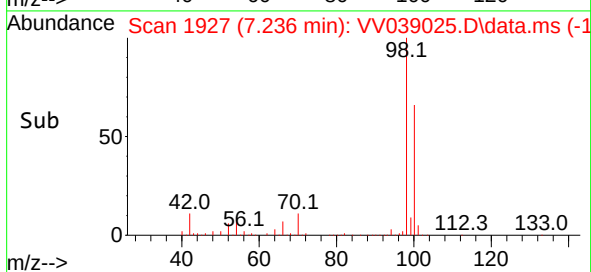
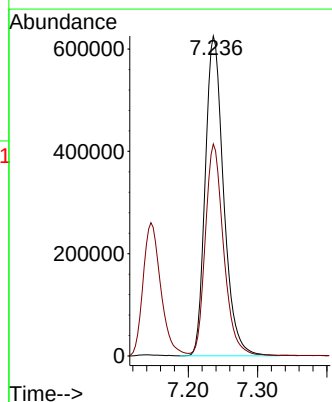
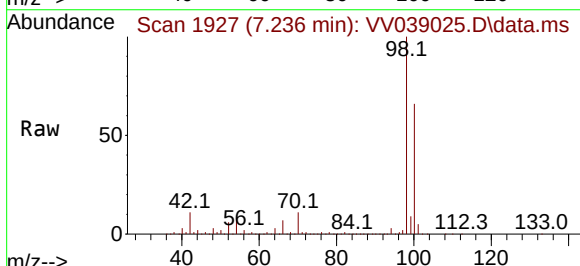
Acq: 25 Aug 2025 11:25

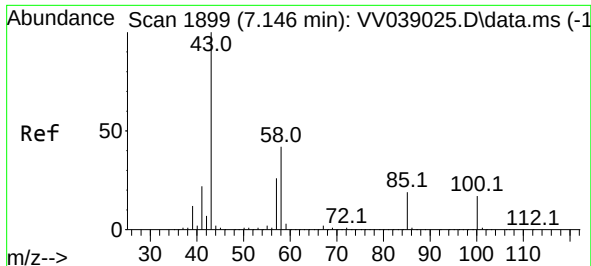
Tgt Ion: 98 Resp: 1149314

Ion Ratio Lower Upper

98 100

100 65.8 52.6 79.0

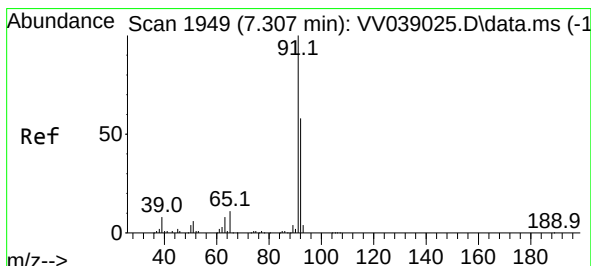
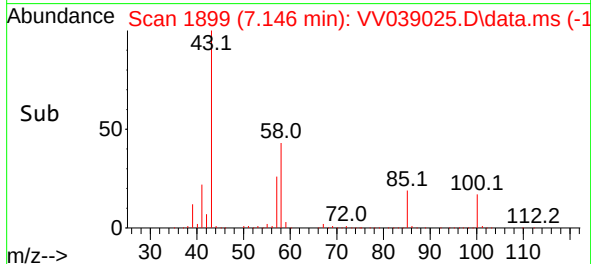
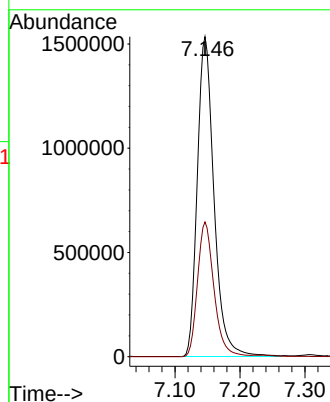
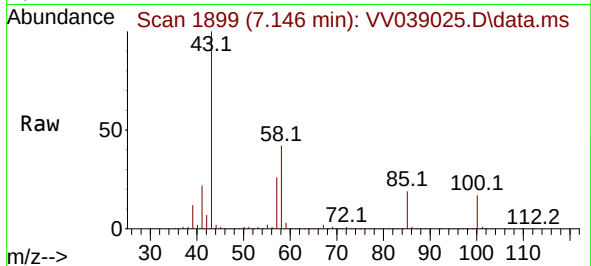




#51
4-Methyl-2-Pentanone
Concen: 260.464 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

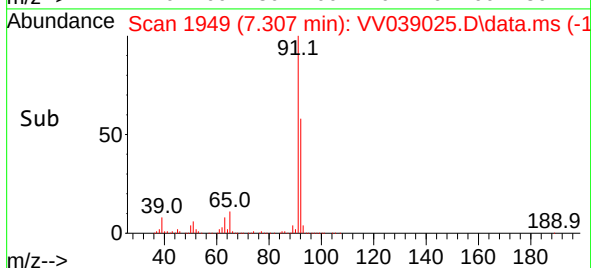
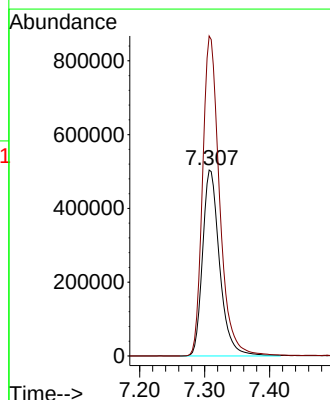
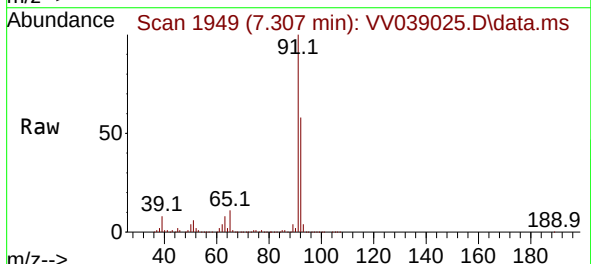
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

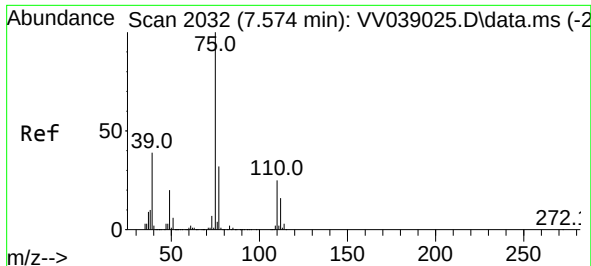
Tgt Ion: 43 Resp: 2750545
Ion Ratio Lower Upper
43 100
58 41.5 33.2 49.8



#52
Toluene
Concen: 50.648 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 92 Resp: 920076
Ion Ratio Lower Upper
92 100
91 172.3 137.8 206.8





#53

t-1,3-Dichloropropene

Concen: 52.206 ug/l

RT: 7.574 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

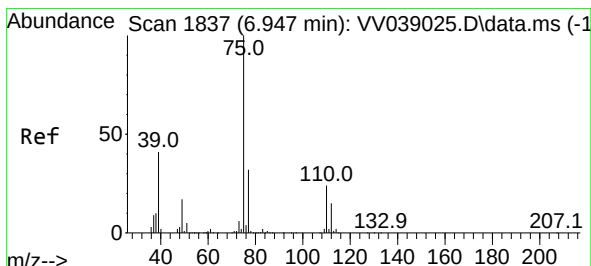
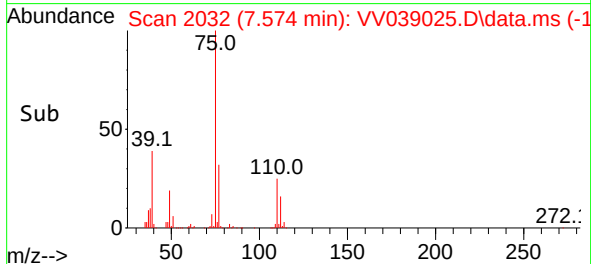
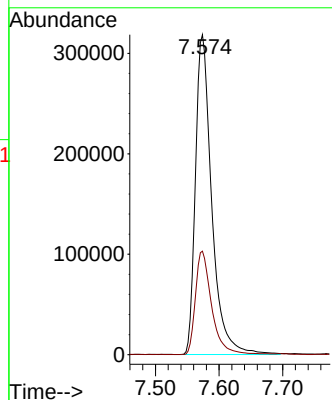
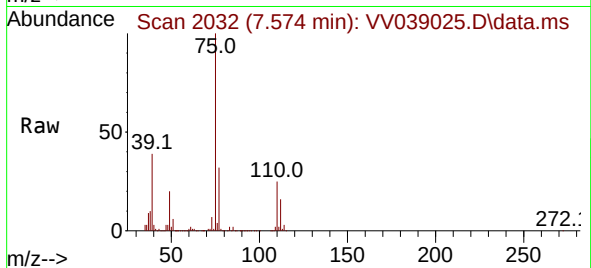
VSTDICCC050

Tgt Ion: 75 Resp: 567057

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 51.547 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

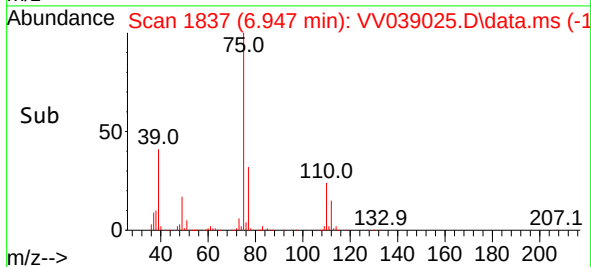
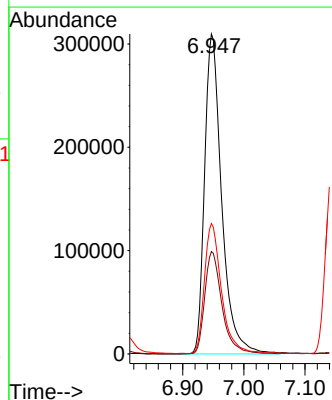
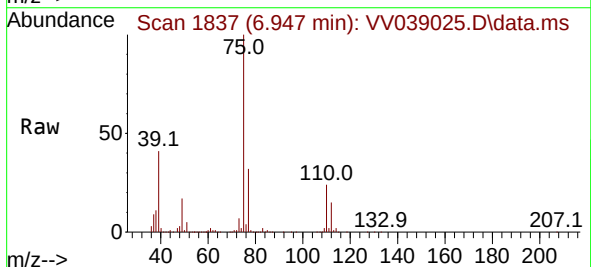
Tgt Ion: 75 Resp: 601472

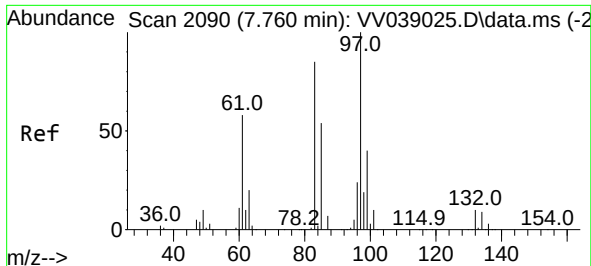
Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4

39 40.6 32.5 48.7



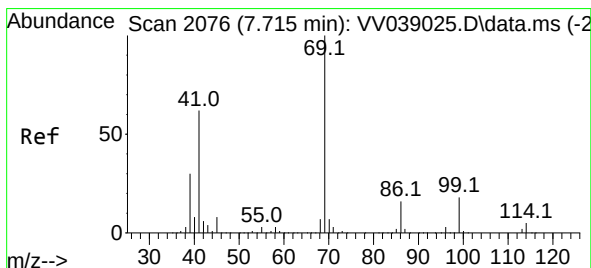
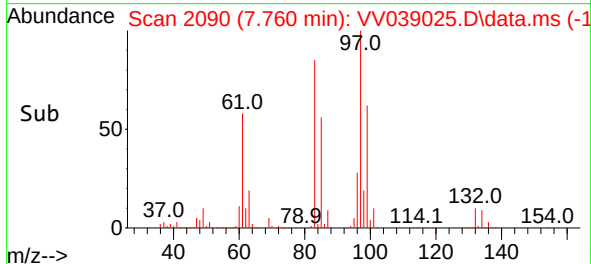
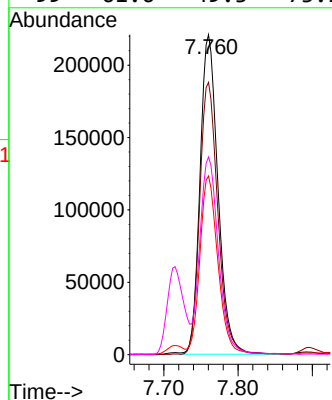
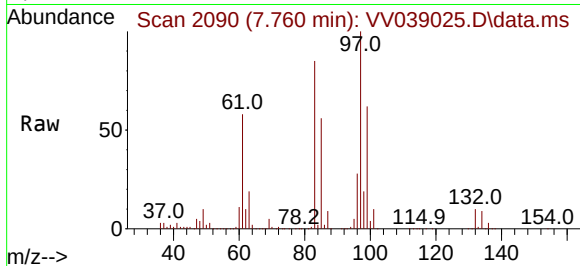


#55
1,1,2-Trichloroethane
Concen: 48.894 ug/l
RT: 7.760 min Scan# 2090
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 97 Resp: 370564

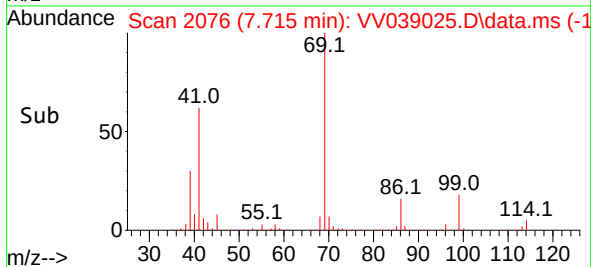
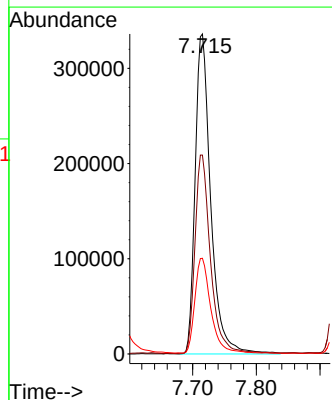
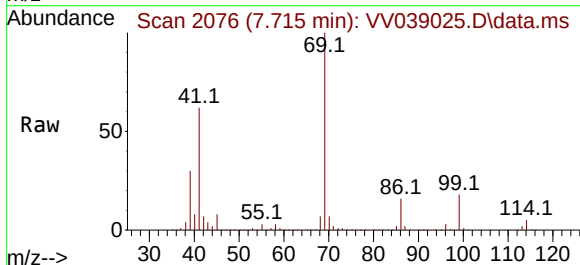
Ion	Ratio	Lower	Upper
97	100		
83	85.1	68.1	102.1
85	55.6	44.5	66.7
99	61.6	49.3	73.9

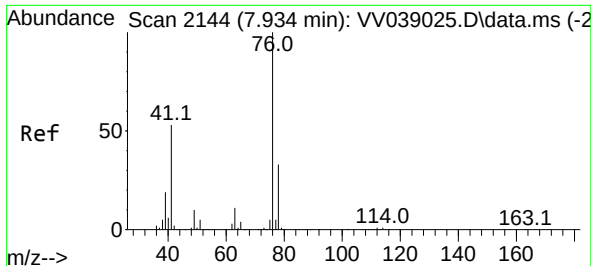


#56
Ethyl methacrylate
Concen: 57.053 ug/l
RT: 7.715 min Scan# 2076
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 69 Resp: 573531

Ion	Ratio	Lower	Upper
69	100		
41	61.8	49.4	74.2
39	30.0	24.0	36.0





#57

1,3-Dichloropropane

Concen: 50.196 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

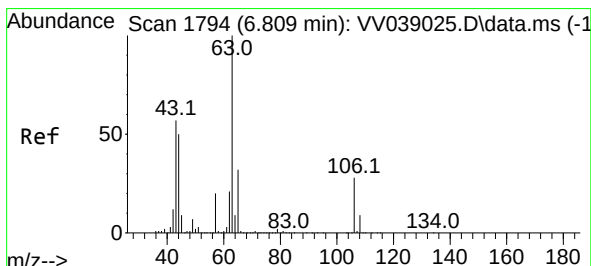
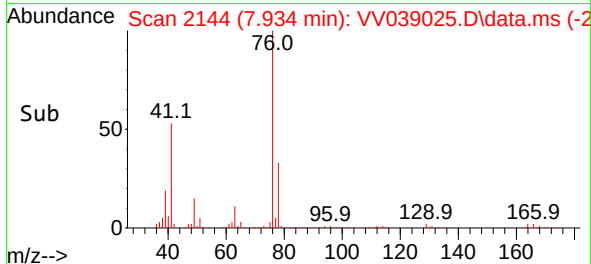
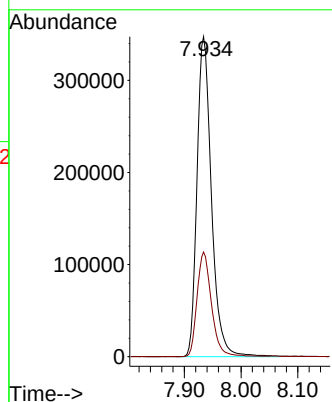
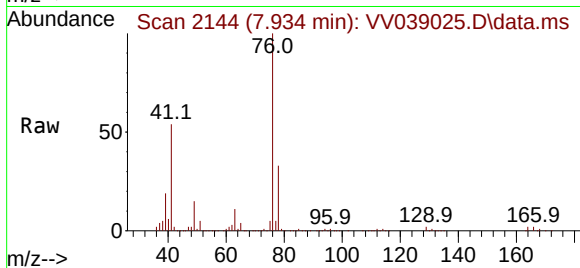
VSTDICCC050

Tgt Ion: 76 Resp: 614131

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 246.782 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VV039025.D

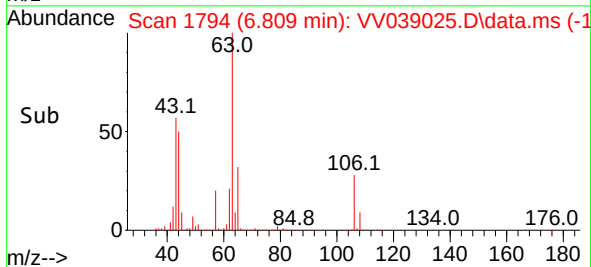
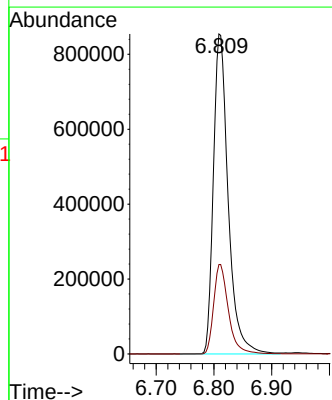
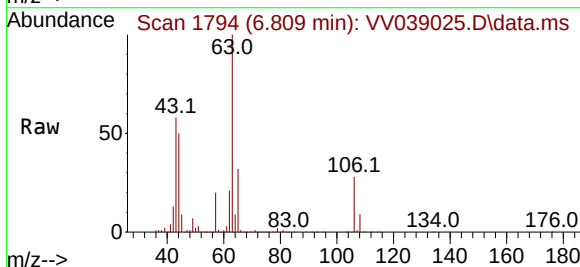
Acq: 25 Aug 2025 11:25

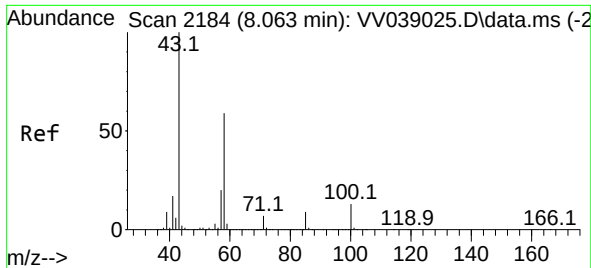
Tgt Ion: 63 Resp: 1517435

Ion Ratio Lower Upper

63 100

106 27.9 22.3 33.5

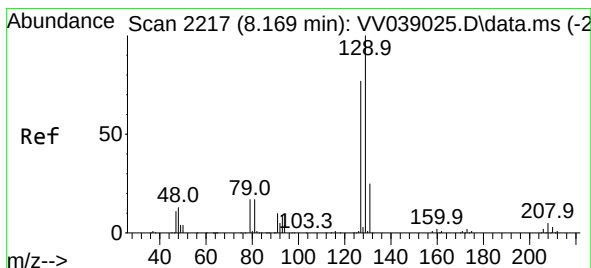
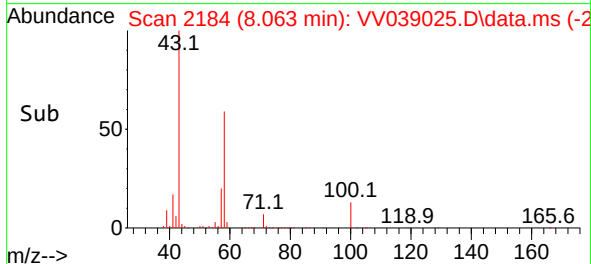
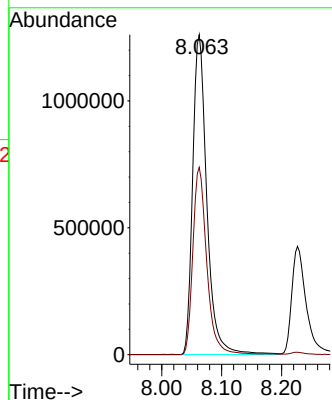
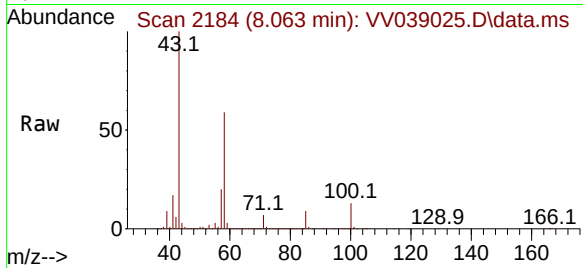




#59
2-Hexanone
Concen: 264.817 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

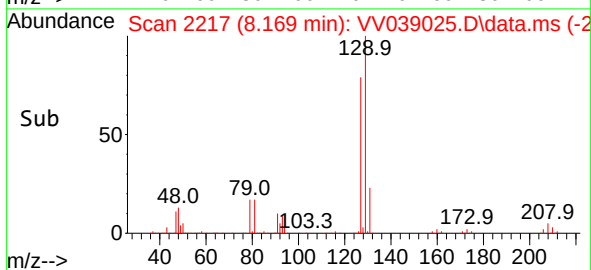
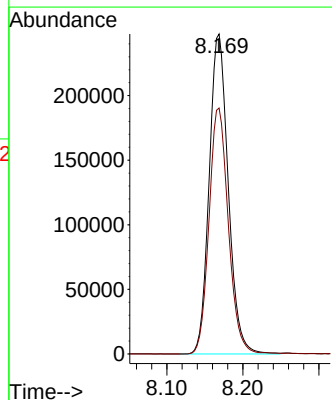
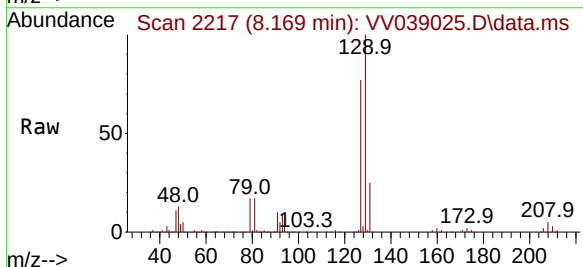
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

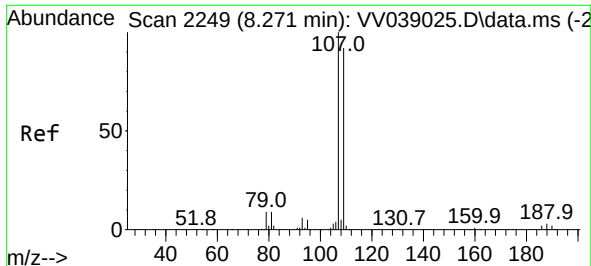
Tgt Ion: 43 Resp: 2068494
Ion Ratio Lower Upper
43 100
58 57.6 28.8 86.4



#60
Dibromochloromethane
Concen: 49.174 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 129 Resp: 431136
Ion Ratio Lower Upper
129 100
127 78.0 39.0 117.0

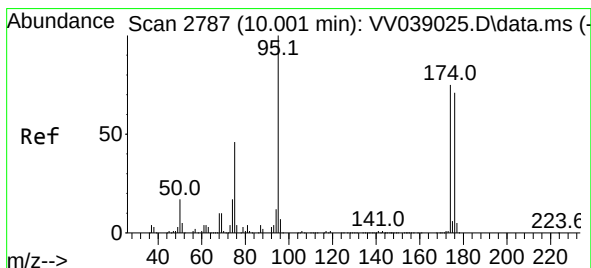
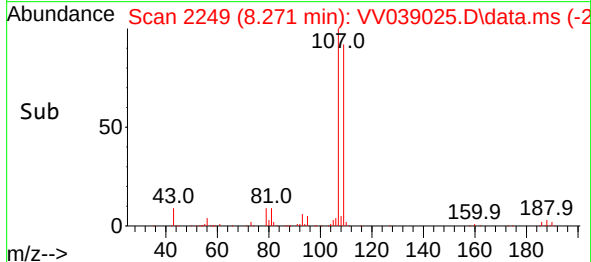
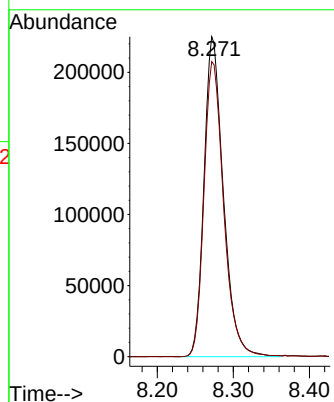
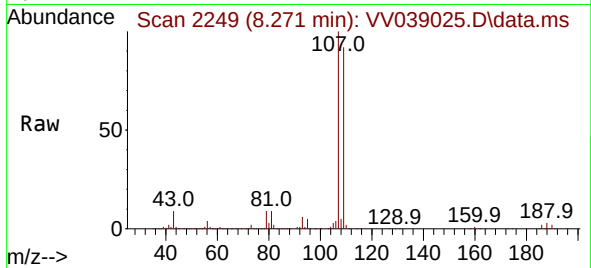




#61
1,2-Dibromoethane
Concen: 50.849 ug/l
RT: 8.271 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

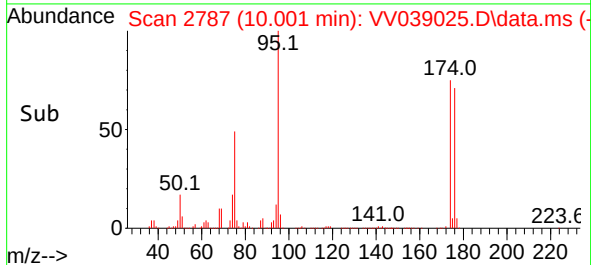
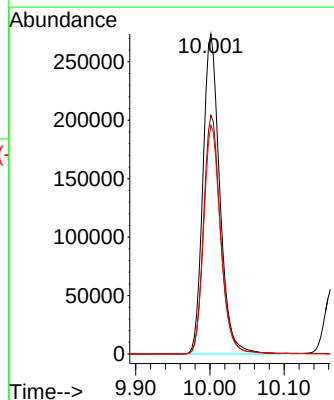
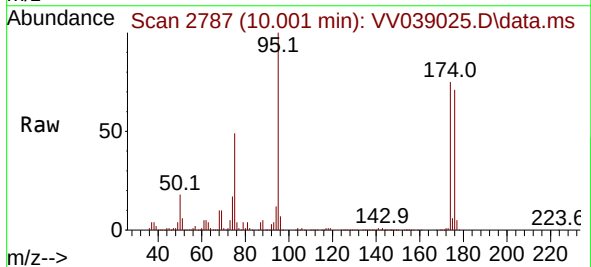
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

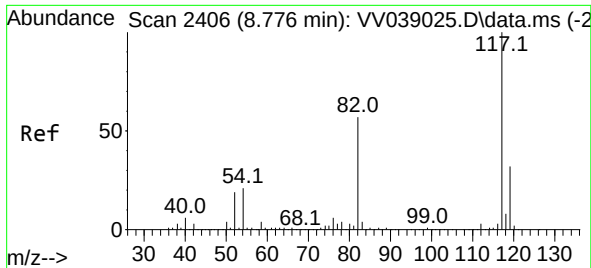
Tgt Ion:107 Resp: 397760
Ion Ratio Lower Upper
107 100
109 93.9 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 50.106 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 95 Resp: 431082
Ion Ratio Lower Upper
95 100
174 75.2 0.0 150.4
176 72.1 0.0 144.2

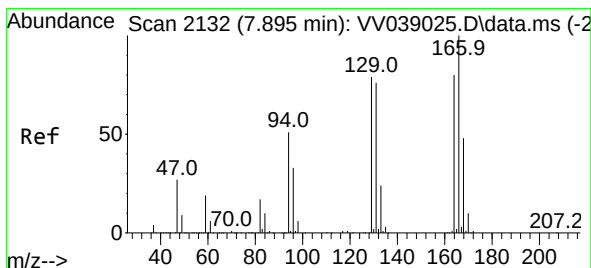
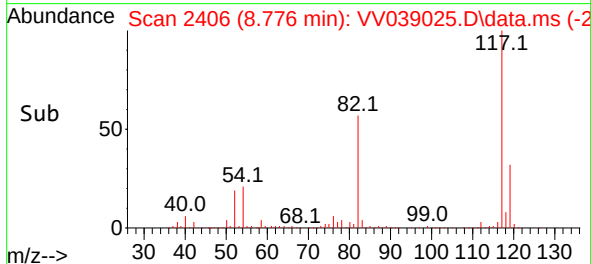
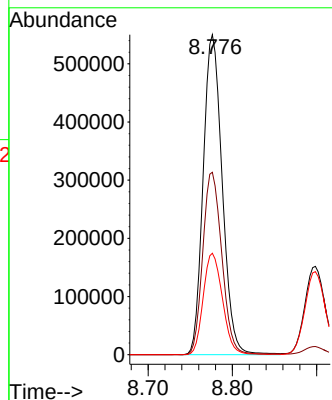
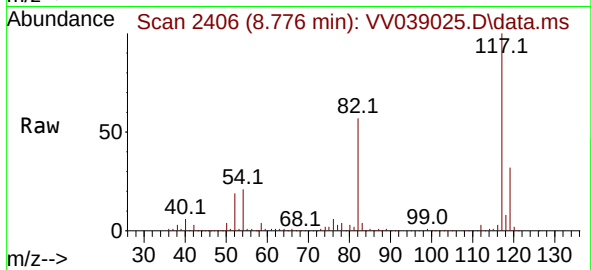




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

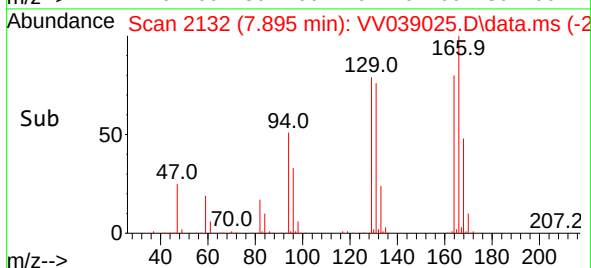
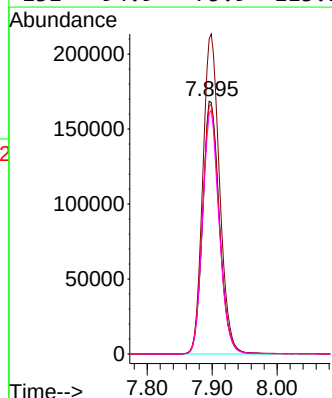
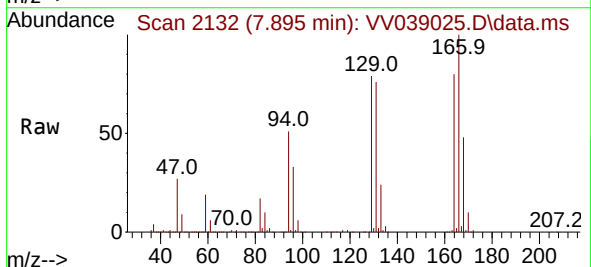
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

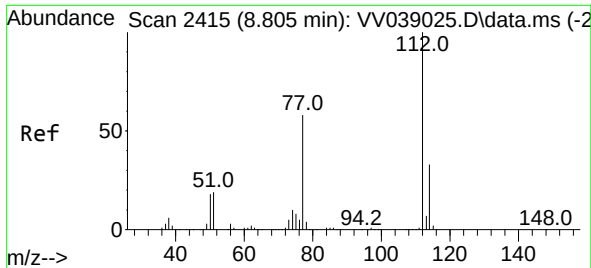
Tgt Ion:117 Resp: 867408
Ion Ratio Lower Upper
117 100
82 57.0 45.6 68.4
119 31.7 25.4 38.0



#64
Tetrachloroethene
Concen: 49.079 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion:164 Resp: 302637
Ion Ratio Lower Upper
164 100
166 124.6 99.7 149.5
129 98.1 78.5 117.7
131 94.9 75.9 113.9

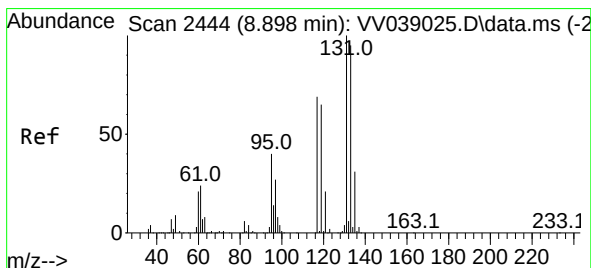
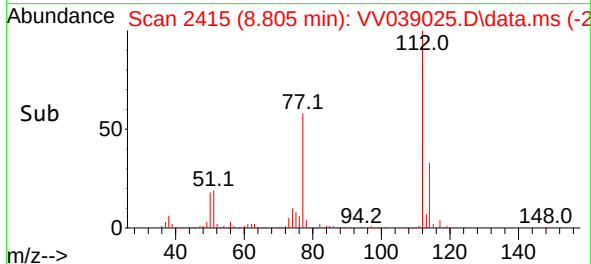
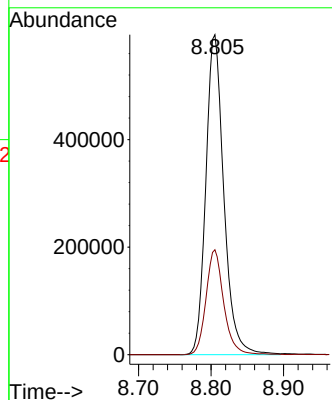
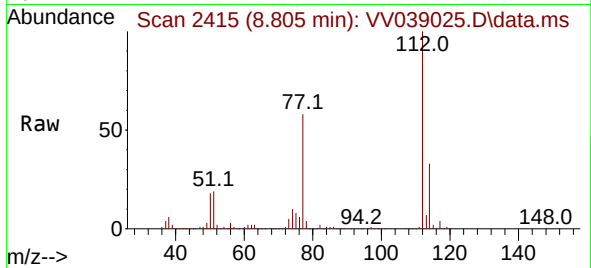




#65
Chlorobenzene
Concen: 49.488 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

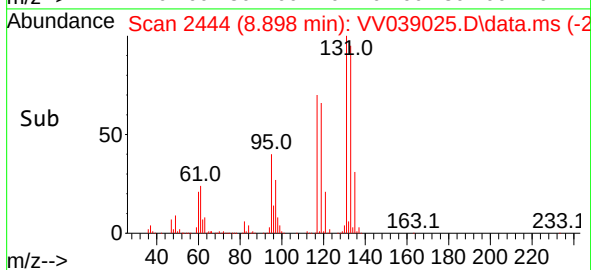
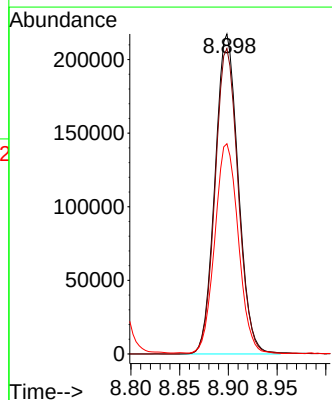
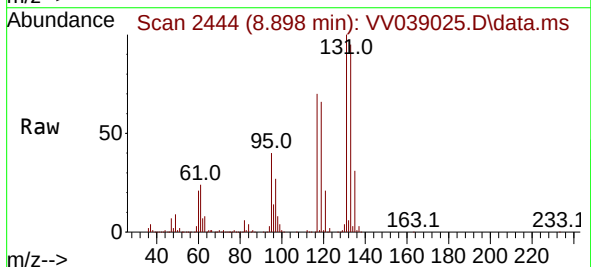
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

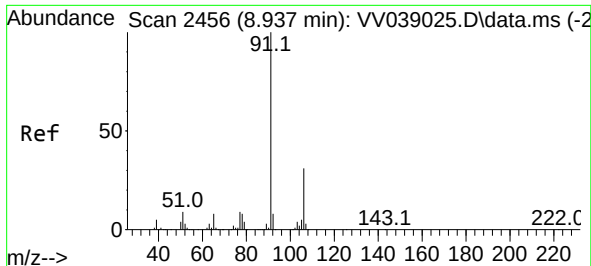
Tgt Ion:112 Resp: 1027167
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.725 ug/l
RT: 8.898 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion:131 Resp: 360350
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 66.5 33.3 99.8

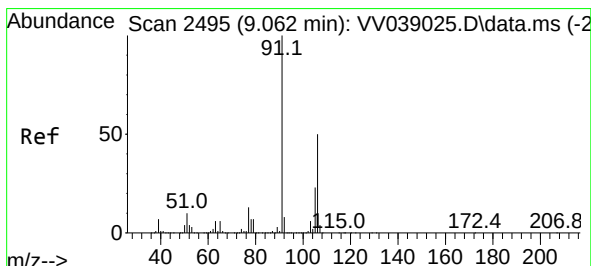
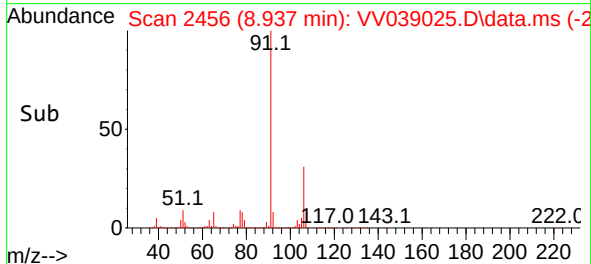
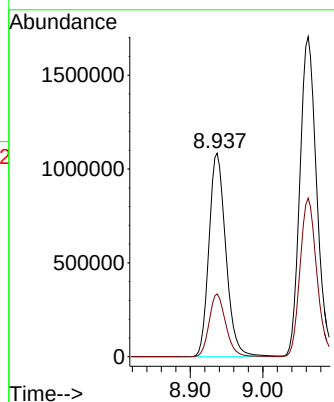
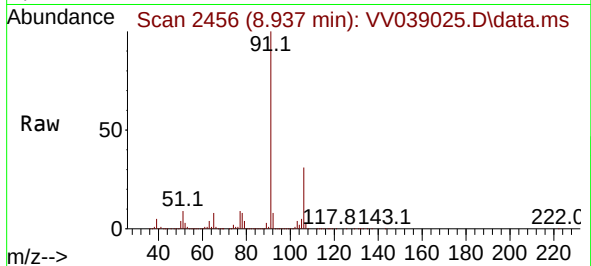




#67
Ethyl Benzene
Concen: 53.542 ug/l
RT: 8.937 min Scan# 2456
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

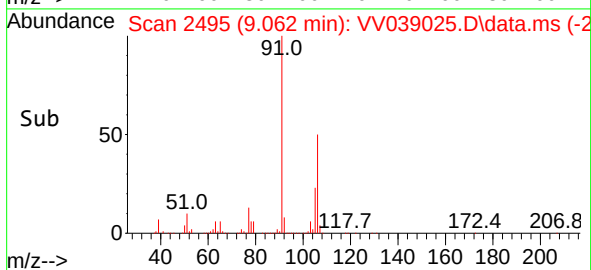
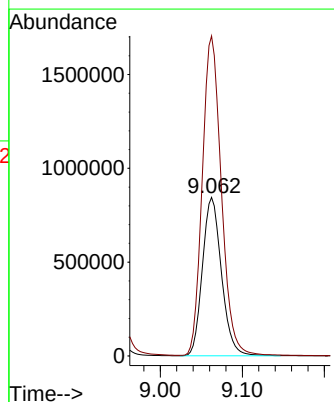
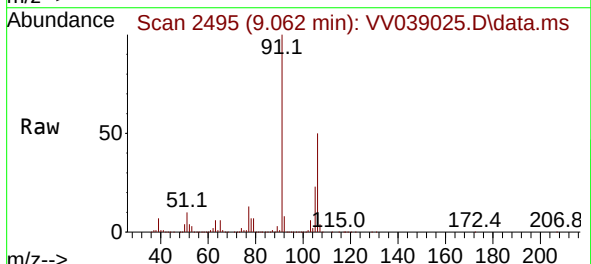
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

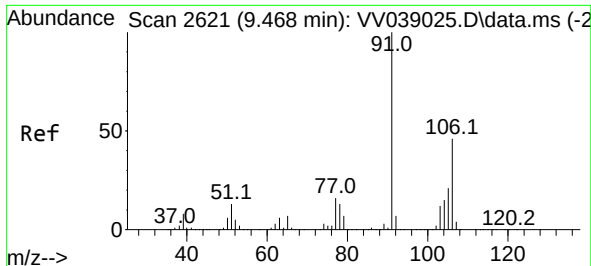
Tgt Ion: 91 Resp: 1758214
Ion Ratio Lower Upper
91 100
106 30.8 24.6 37.0



#68
m/p-Xylenes
Concen: 107.791 ug/l
RT: 9.062 min Scan# 2495
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion:106 Resp: 1360959
Ion Ratio Lower Upper
106 100
91 203.0 162.4 243.6





#69

o-Xylene

Concen: 55.046 ug/l

RT: 9.468 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

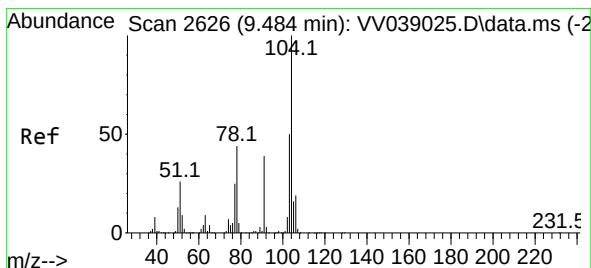
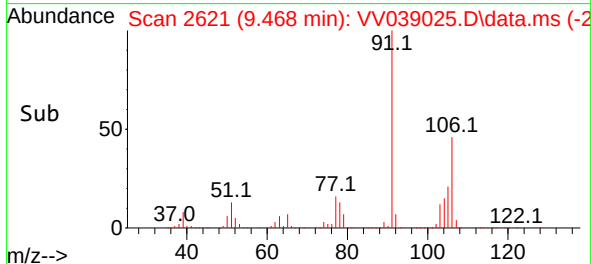
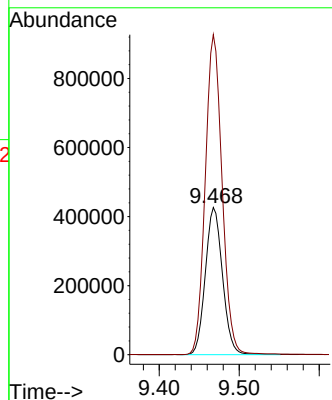
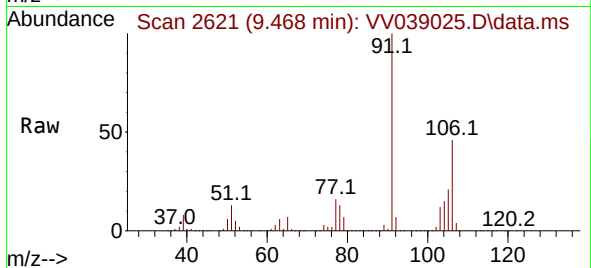
VSTDICCC050

Tgt Ion:106 Resp: 636318

Ion Ratio Lower Upper

106 100

91 213.4 106.7 320.1



#70

Styrene

Concen: 55.096 ug/l

RT: 9.484 min Scan# 2626

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

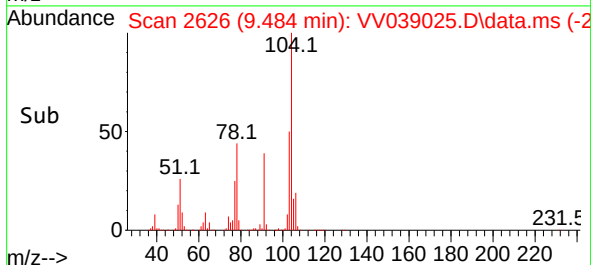
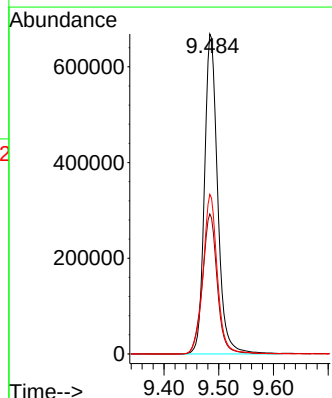
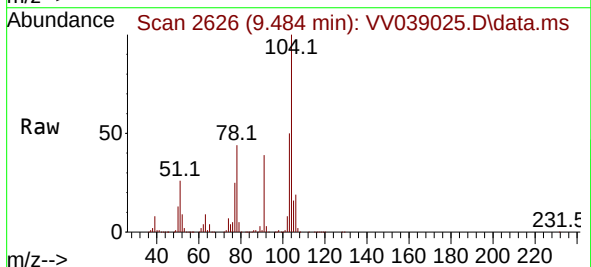
Tgt Ion:104 Resp: 1122057

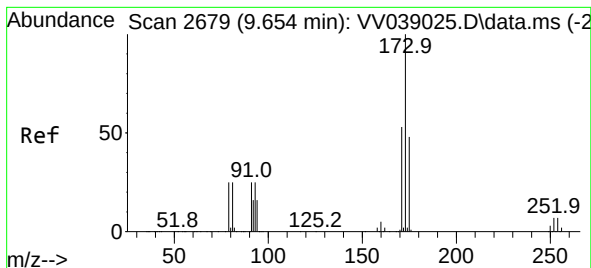
Ion Ratio Lower Upper

104 100

78 49.1 39.3 58.9

103 54.0 43.2 64.8





#71

Bromoform

Concen: 50.878 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

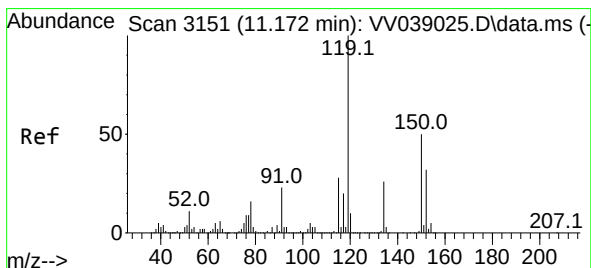
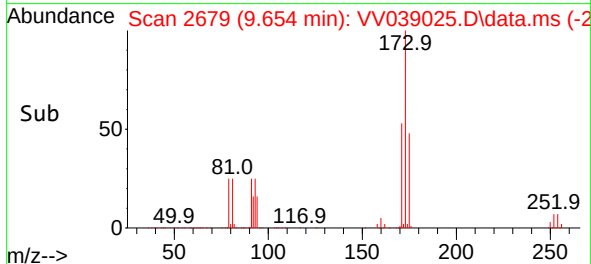
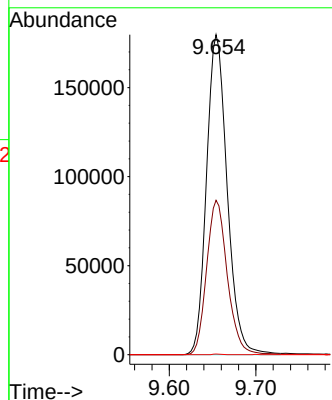
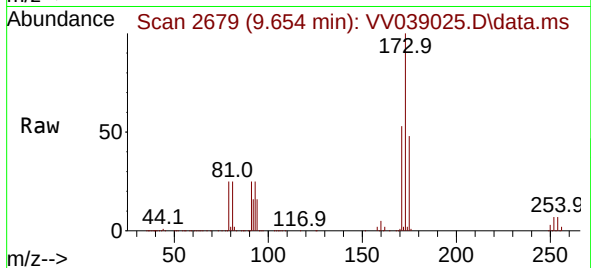
Tgt Ion:173 Resp: 298127

Ion Ratio Lower Upper

173 100

175 48.6 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: VV039025.D

Acq: 25 Aug 2025 11:25

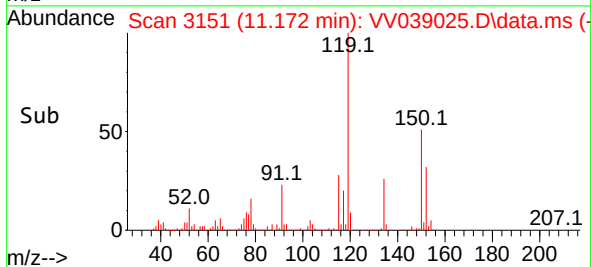
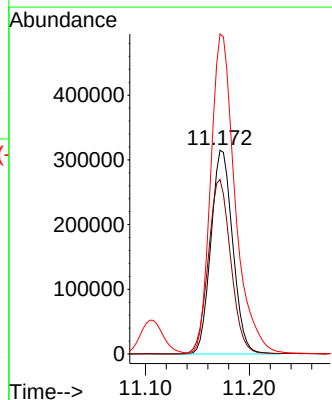
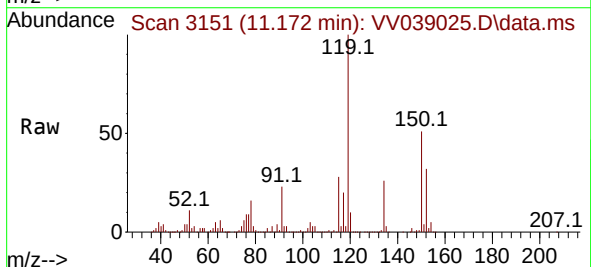
Tgt Ion:152 Resp: 459131

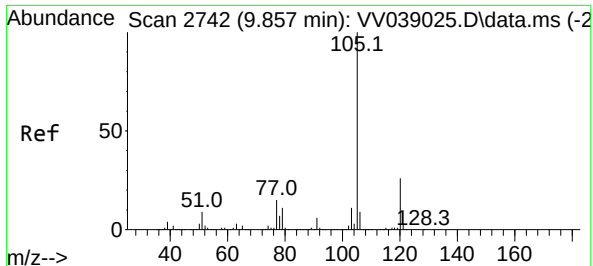
Ion Ratio Lower Upper

152 100

115 88.1 44.0 132.1

150 176.1 0.0 352.2

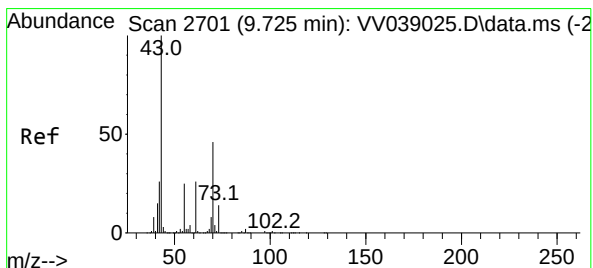
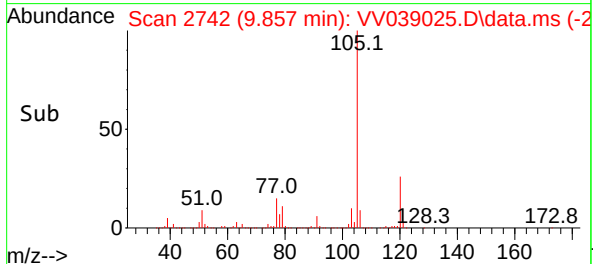
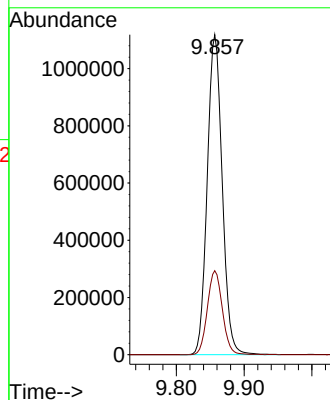
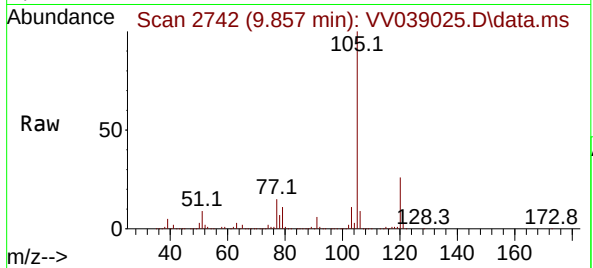




#73
Isopropylbenzene
Concen: 53.324 ug/l
RT: 9.857 min Scan# 2742
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

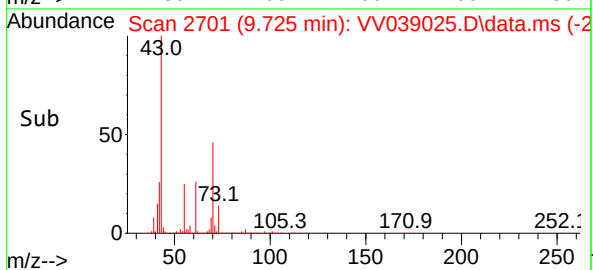
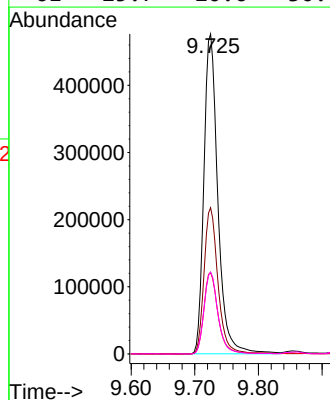
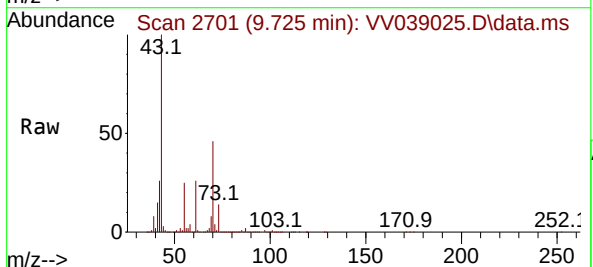
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

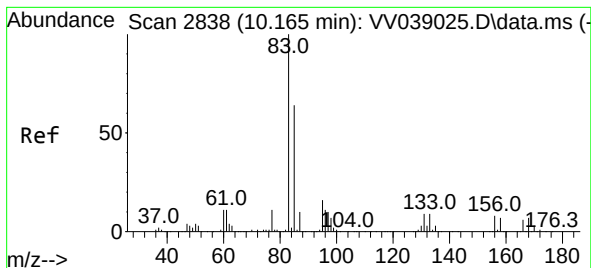
Tgt Ion:105 Resp: 1715815
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#74
N-ethyl acetate
Concen: 54.932 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 43 Resp: 726423
Ion Ratio Lower Upper
43 100
70 45.5 36.4 54.6
55 25.7 20.6 30.8
61 25.7 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.968 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

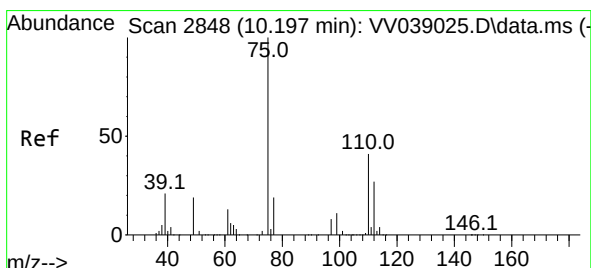
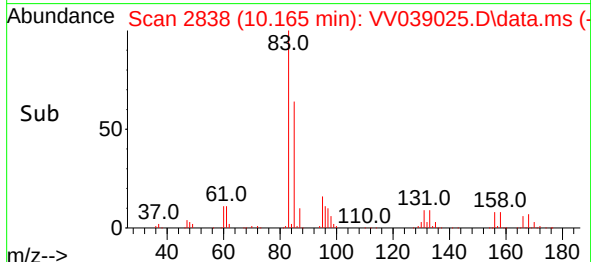
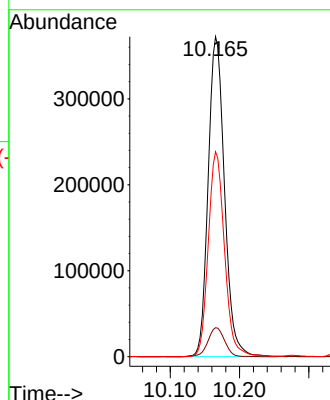
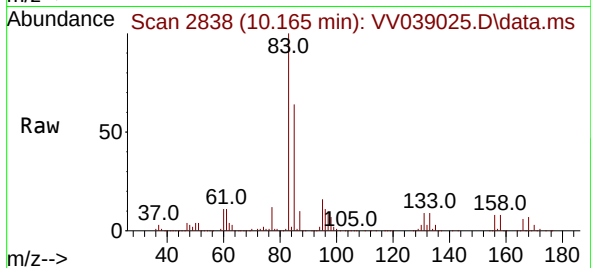
Tgt Ion: 83 Resp: 608036

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.0

85 63.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 50.475 ug/l

RT: 10.197 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV039025.D

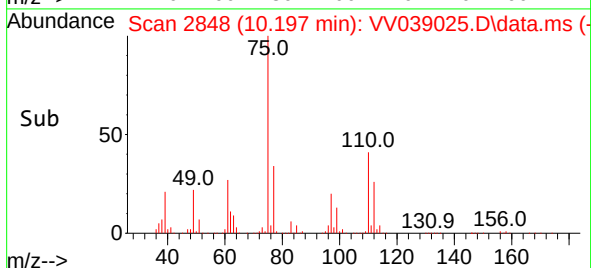
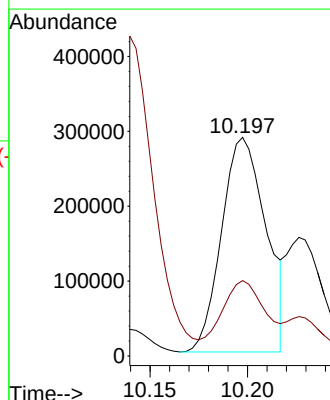
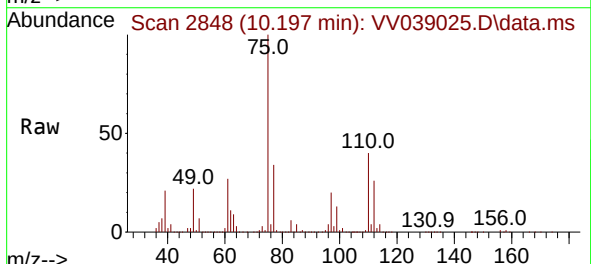
Acq: 25 Aug 2025 11:25

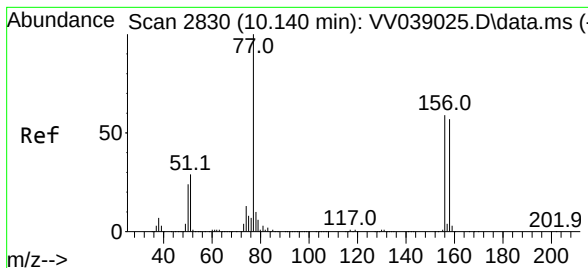
Tgt Ion: 75 Resp: 454906

Ion Ratio Lower Upper

75 100

77 23.7 11.9 35.5





#77

Bromobenzene

Concen: 50.680 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

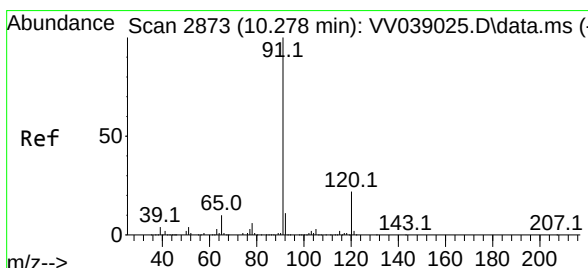
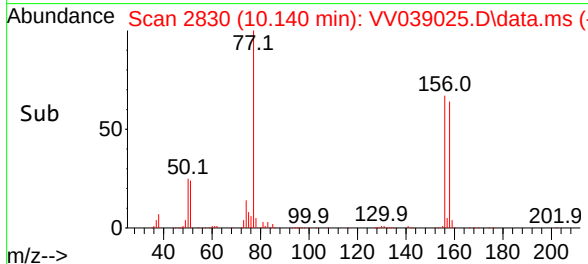
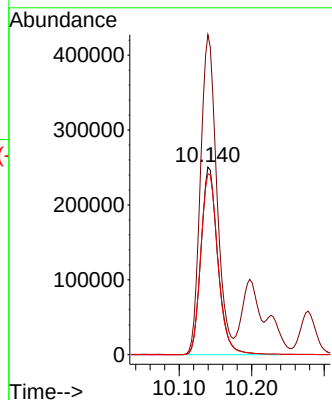
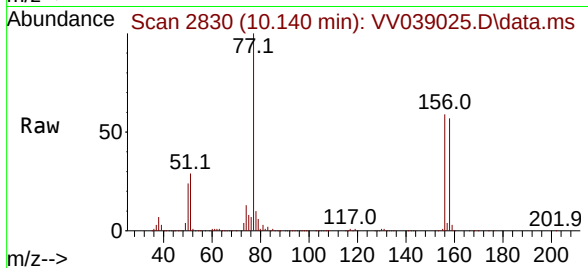
Tgt Ion:156 Resp: 403997

Ion Ratio Lower Upper

156 100

77 165.1 82.5 247.7

158 98.7 49.4 148.0



#78

n-propylbenzene

Concen: 55.041 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV039025.D

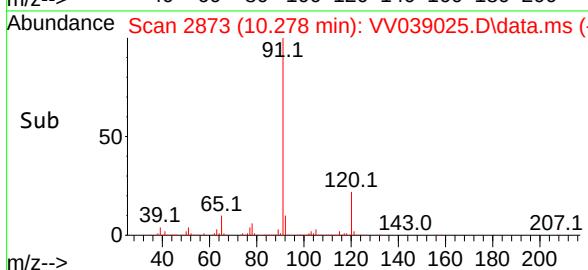
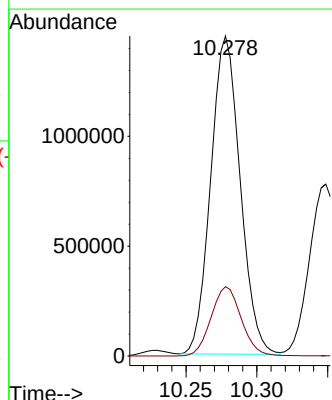
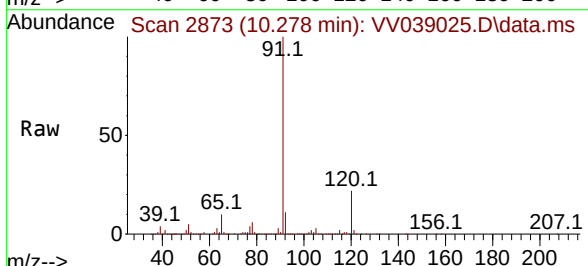
Acq: 25 Aug 2025 11:25

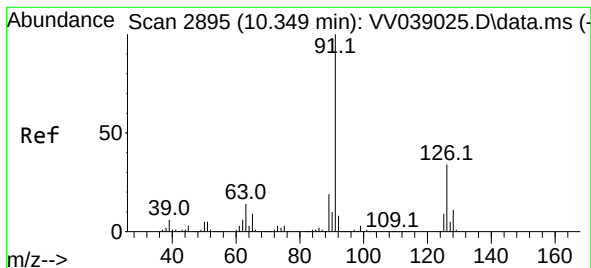
Tgt Ion: 91 Resp: 2090672

Ion Ratio Lower Upper

91 100

120 22.4 11.2 33.6





#79

2-Chlorotoluene

Concen: 52.201 ug/l

RT: 10.349 min Scan# 2895

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

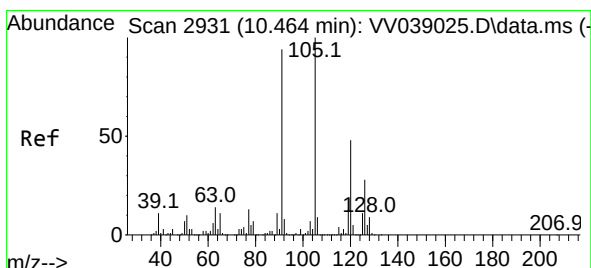
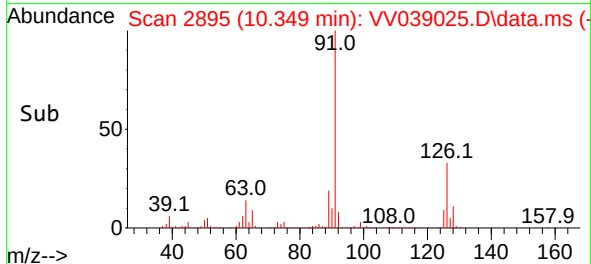
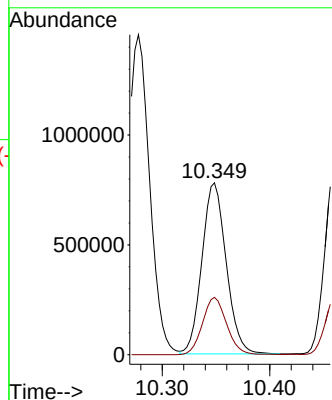
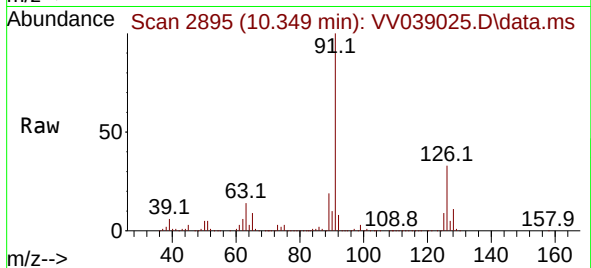
VSTDICCC050

Tgt Ion: 91 Resp: 1221733

Ion Ratio Lower Upper

91 100

126 33.4 16.7 50.1



#80

1,3,5-Trimethylbenzene

Concen: 54.683 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV039025.D

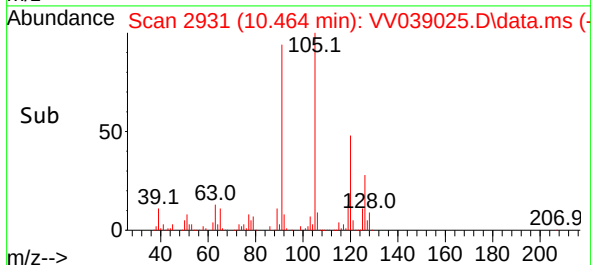
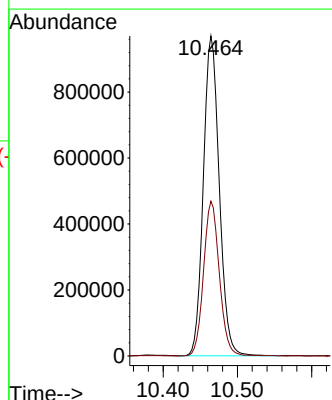
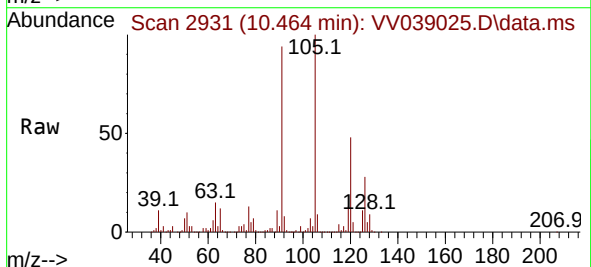
Acq: 25 Aug 2025 11:25

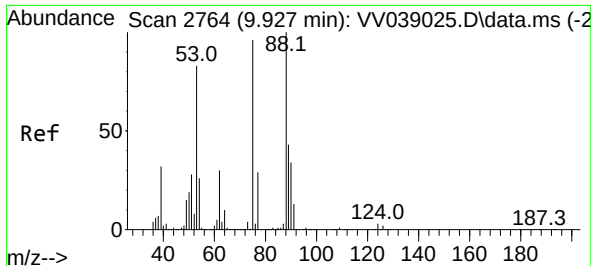
Tgt Ion: 105 Resp: 1443918

Ion Ratio Lower Upper

105 100

120 47.9 23.9 71.8

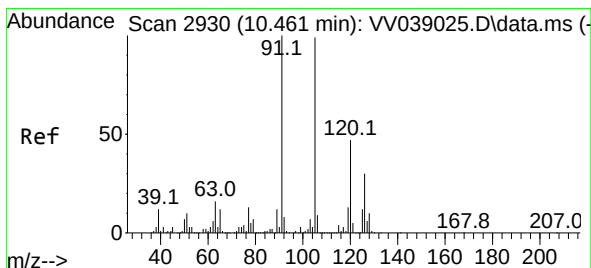
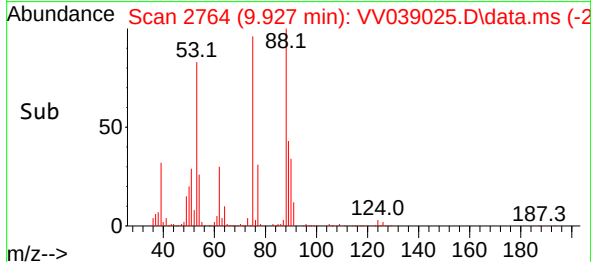
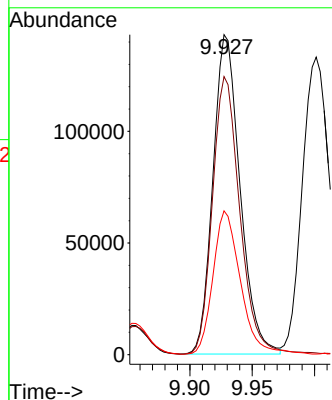
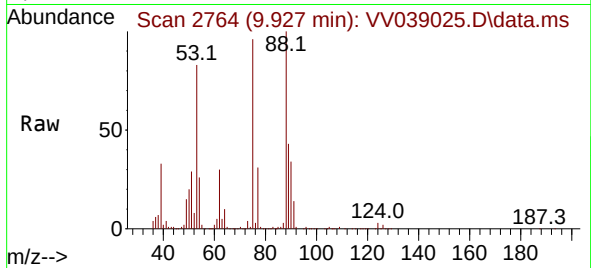




#81
trans-1,4-Dichloro-2-butene
Concen: 52.897 ug/l
RT: 9.927 min Scan# 216778
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

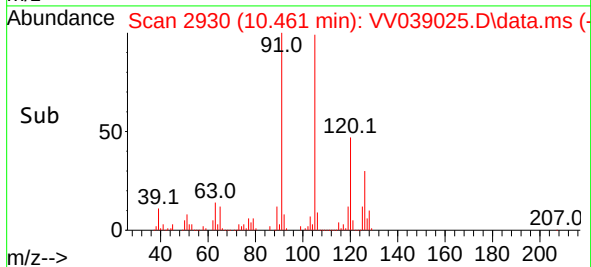
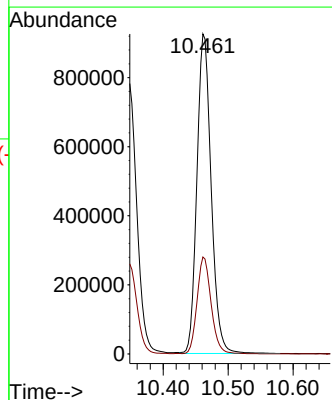
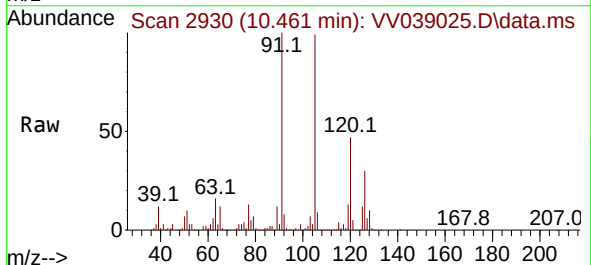
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

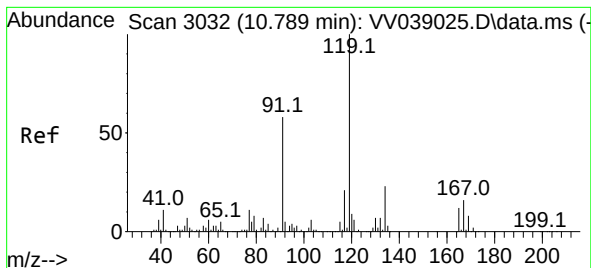
Tgt Ion: 75 Resp: 216778
Ion Ratio Lower Upper
75 100
53 87.8 70.2 105.4
89 45.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 53.030 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 91 Resp: 1411908
Ion Ratio Lower Upper
91 100
126 29.7 14.9 44.5





#83

tert-Butylbenzene

Concen: 53.661 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

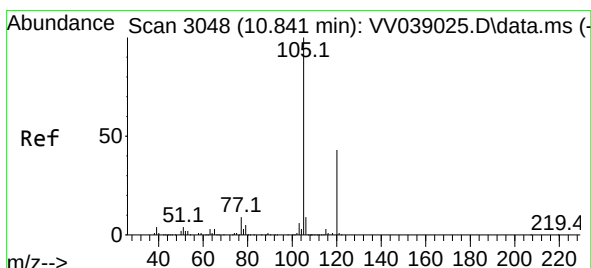
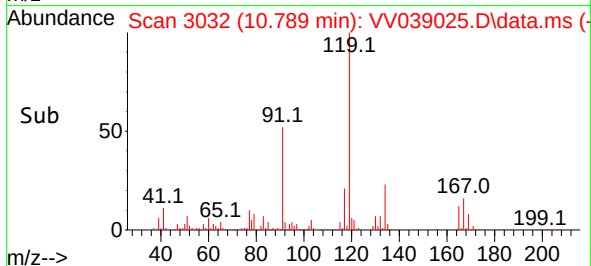
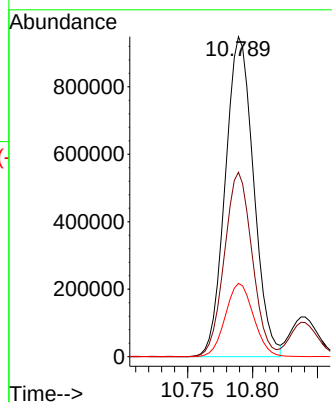
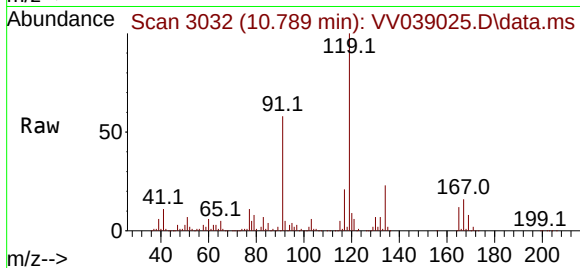
Tgt Ion:119 Resp: 1441566

Ion Ratio Lower Upper

119 100

91 56.3 28.1 84.4

134 22.8 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 55.812 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VV039025.D

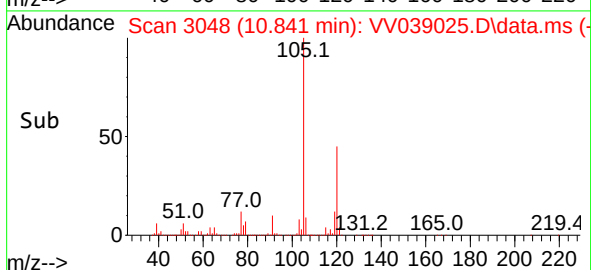
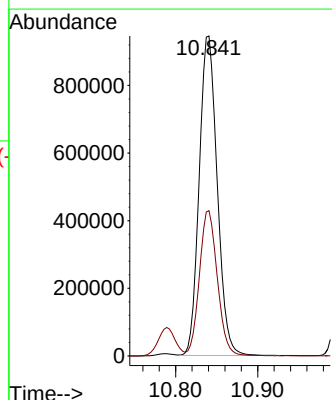
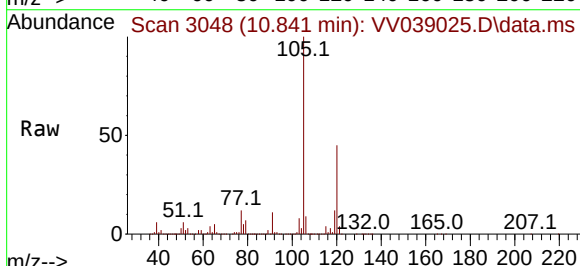
Acq: 25 Aug 2025 11:25

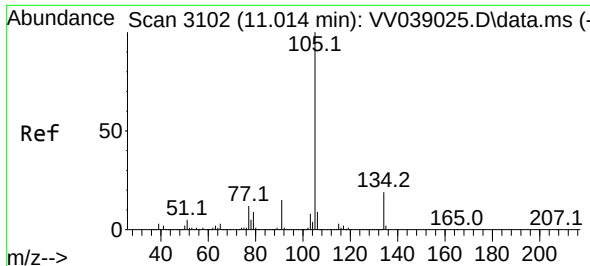
Tgt Ion:105 Resp: 1442269

Ion Ratio Lower Upper

105 100

120 45.2 22.6 67.8

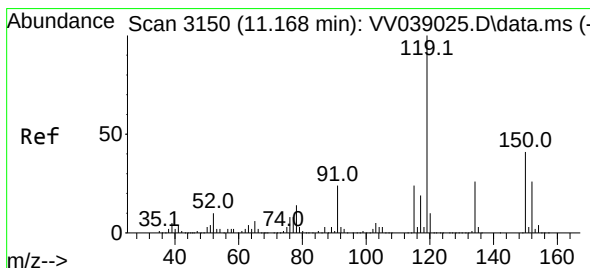
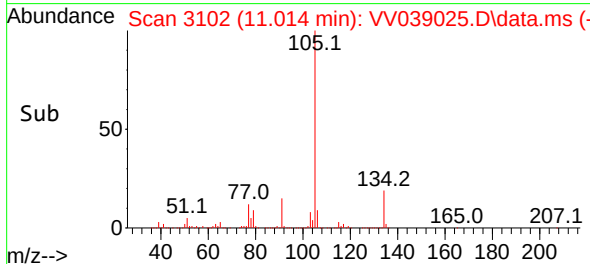
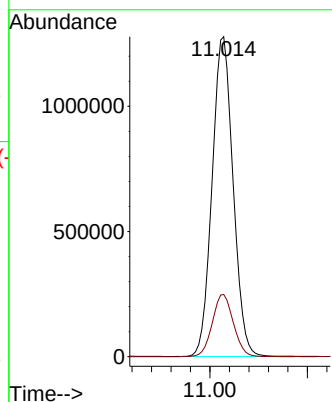
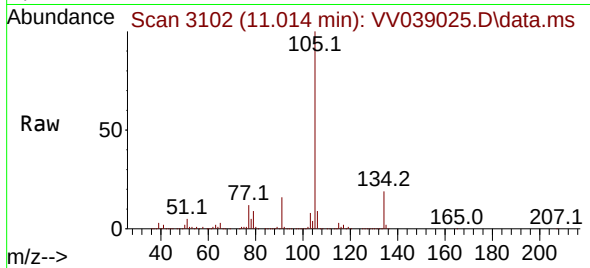




#85
 sec-Butylbenzene
 Concen: 54.012 ug/l
 RT: 11.014 min Scan# 3102
 Delta R.T. 0.000 min
 Lab File: VV039025.D
 Acq: 25 Aug 2025 11:25

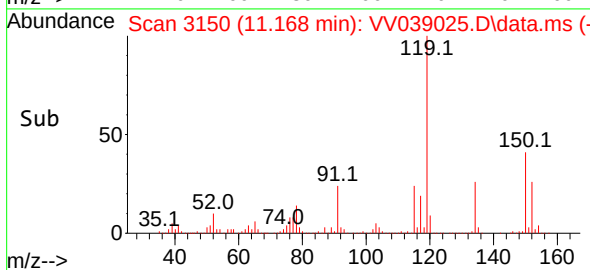
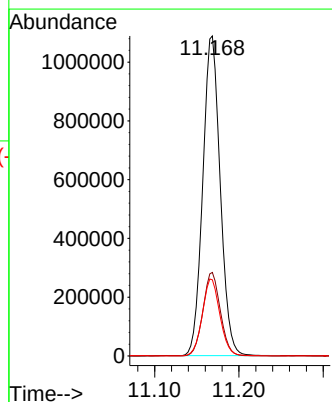
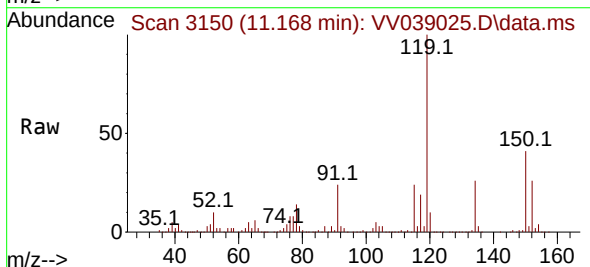
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

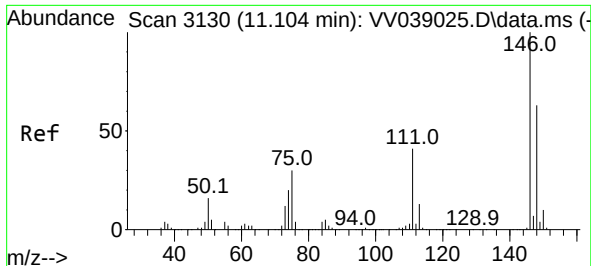
Tgt Ion:105 Resp: 1908253
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 53.313 ug/l
 RT: 11.168 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VV039025.D
 Acq: 25 Aug 2025 11:25

Tgt Ion:119 Resp: 1570645
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.1 39.1
 91 24.1 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 50.265 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

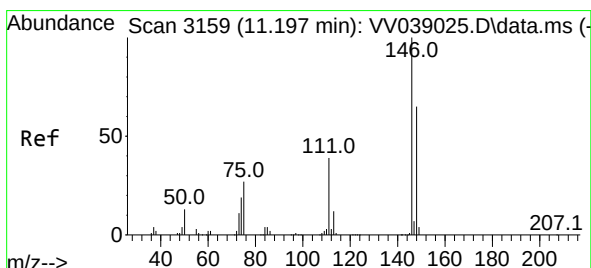
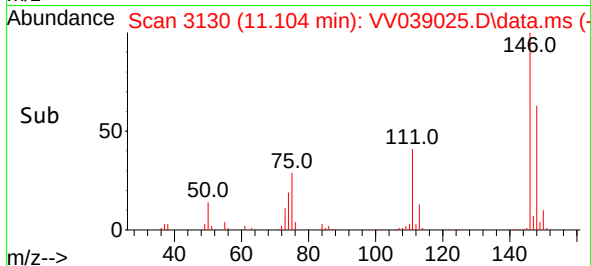
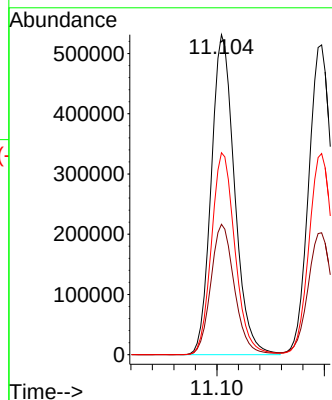
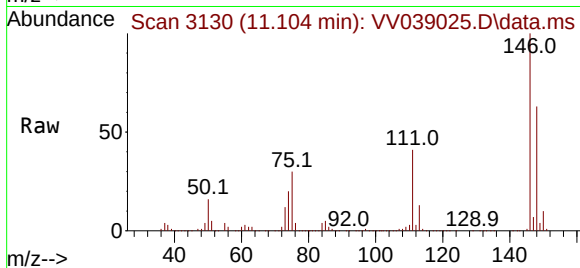
Tgt Ion:146 Resp: 800956

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

148 63.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 47.642 ug/l

RT: 11.197 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

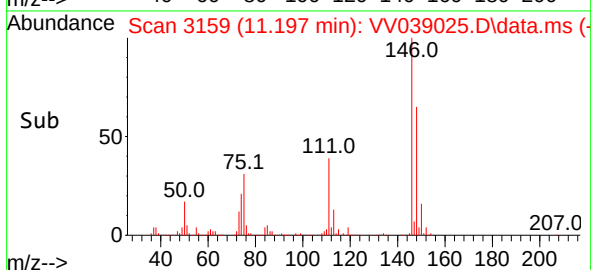
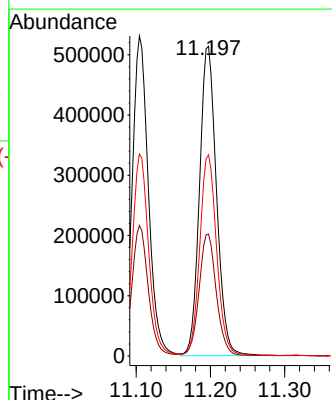
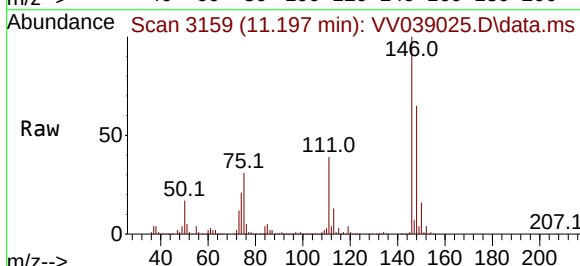
Tgt Ion:146 Resp: 817977

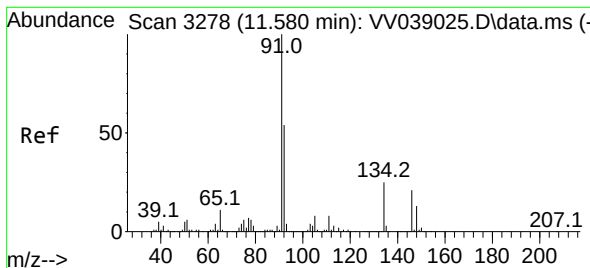
Ion Ratio Lower Upper

146 100

111 40.2 20.1 60.3

148 64.9 32.5 97.4





#89

n-Butylbenzene

Concen: 55.073 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

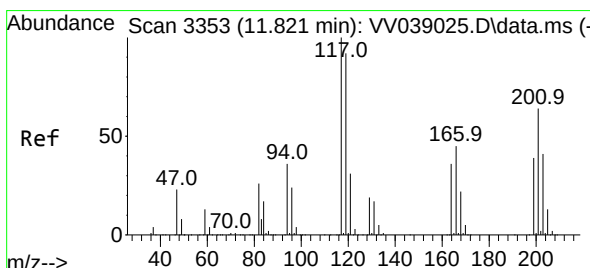
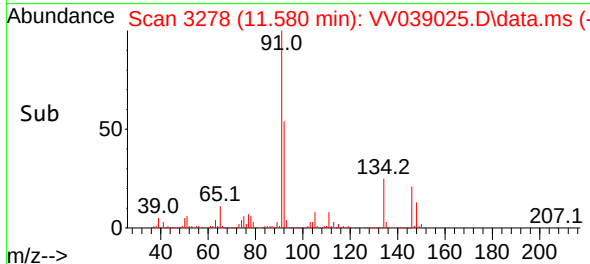
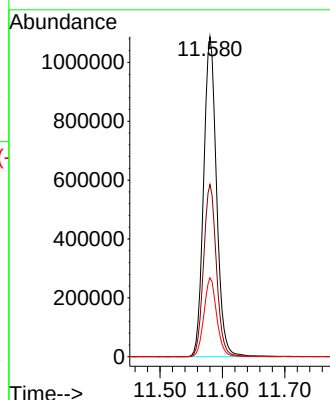
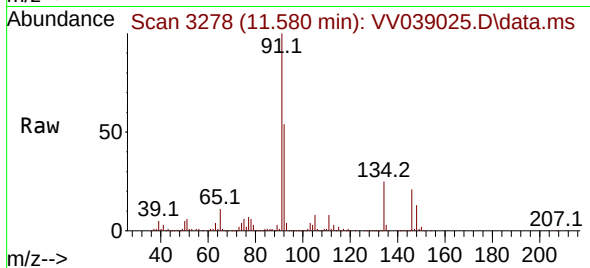
MSVOA_V

ClientSampleId :

VSTDICCC050

Tgt Ion: 91 Resp: 1564927

Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.8	80.4
134	24.4	12.2	36.6



#90

Hexachloroethane

Concen: 47.130 ug/l

RT: 11.821 min Scan# 3353

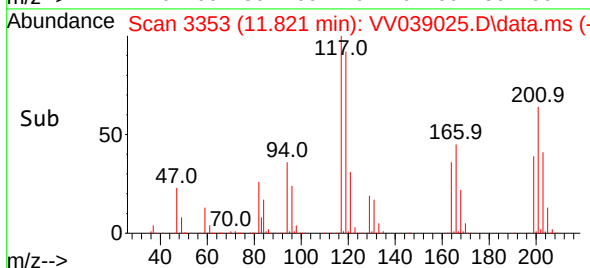
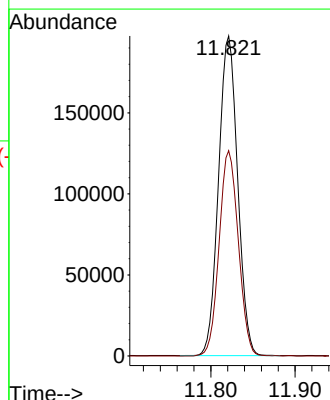
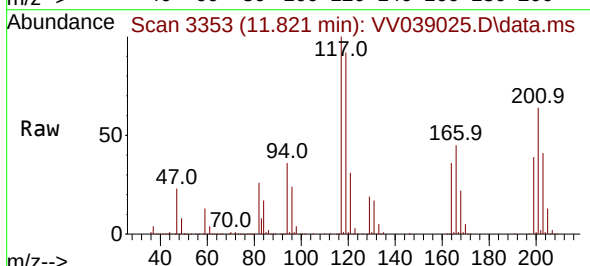
Delta R.T. 0.000 min

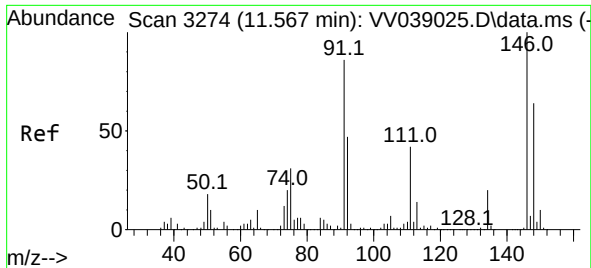
Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Tgt Ion: 117 Resp: 310175

Ion	Ratio	Lower	Upper
117	100		
201	64.4	32.2	96.6

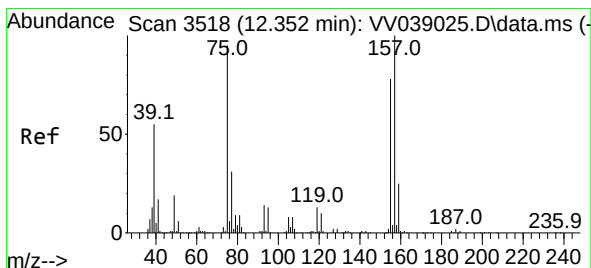
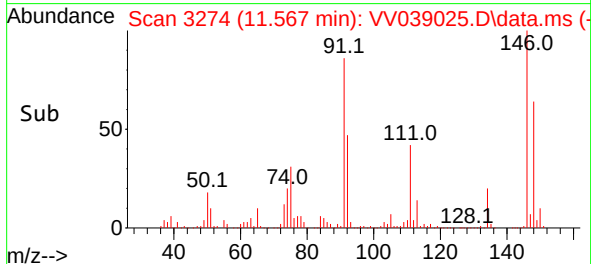
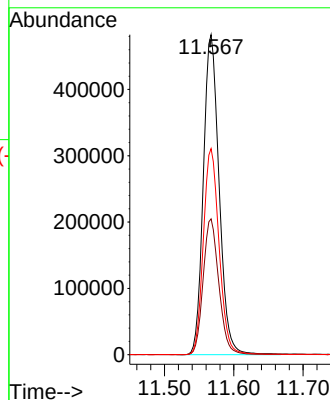
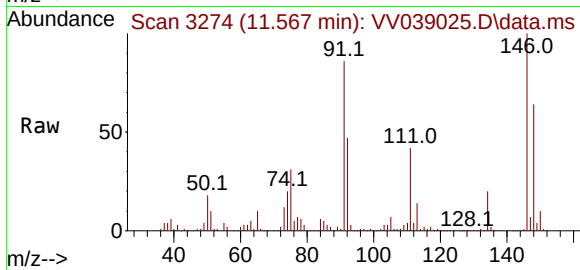




#91
1,2-Dichlorobenzene
Concen: 49.276 ug/l
RT: 11.567 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

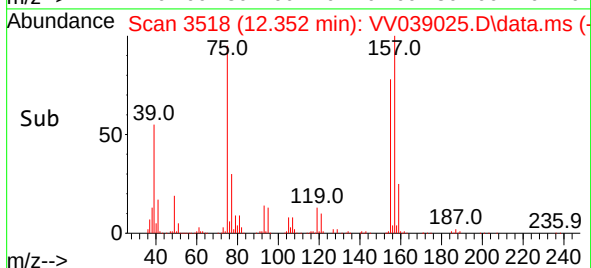
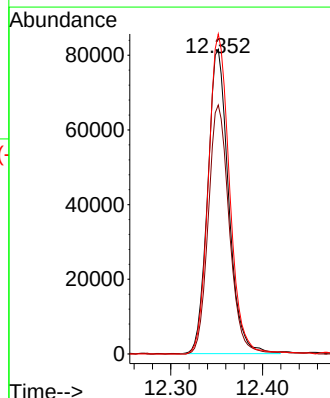
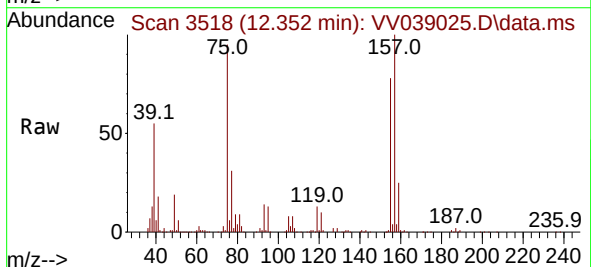
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

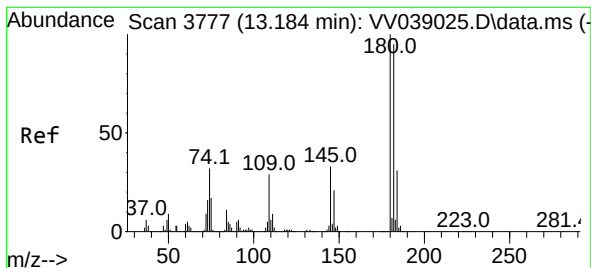
Tgt Ion:146 Resp: 761559
Ion Ratio Lower Upper
146 100
111 42.3 21.1 63.4
148 64.5 32.3 96.8



#92
1,2-Dibromo-3-Chloropropane
Concen: 46.916 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.000 min
Lab File: VV039025.D
Acq: 25 Aug 2025 11:25

Tgt Ion: 75 Resp: 129184
Ion Ratio Lower Upper
75 100
155 81.8 40.9 122.7
157 106.9 53.4 160.3





#93

1,2,4-Trichlorobenzene

Concen: 53.488 ug/l

RT: 13.184 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

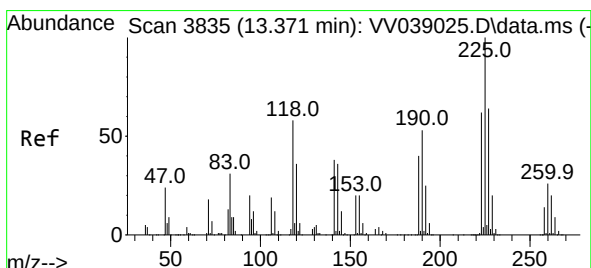
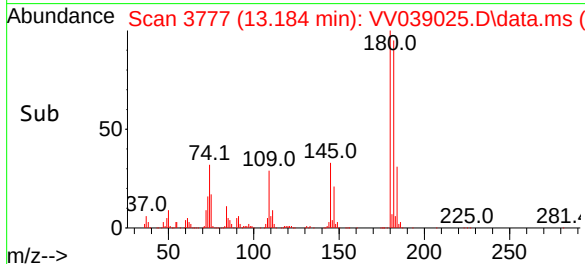
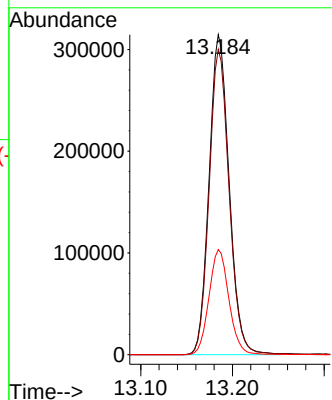
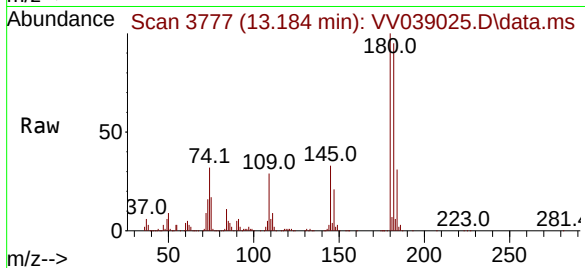
Tgt Ion:180 Resp: 479015

Ion Ratio Lower Upper

180 100

182 95.1 47.5 142.6

145 32.6 16.3 48.9



#94

Hexachlorobutadiene

Concen: 47.735 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

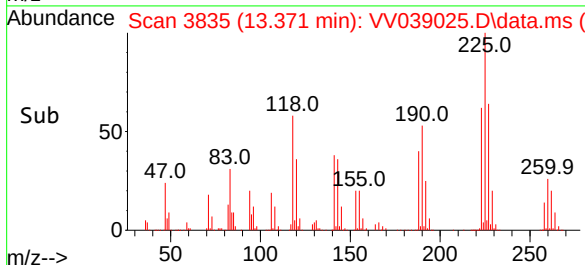
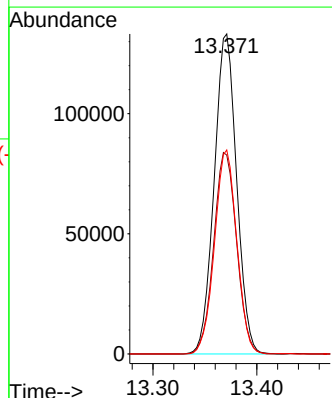
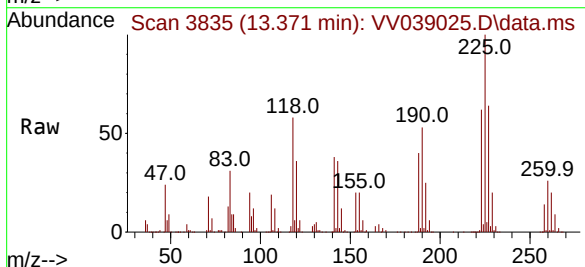
Tgt Ion:225 Resp: 199901

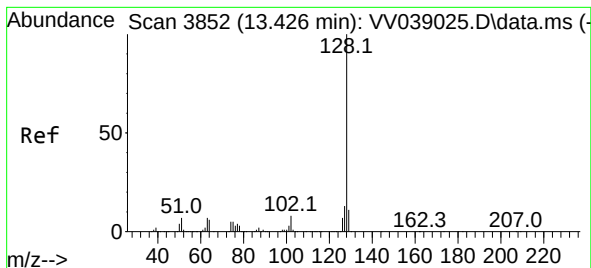
Ion Ratio Lower Upper

225 100

223 64.3 32.1 96.5

227 63.3 31.6 95.0





#95

Naphthalene

Concen: 57.756 ug/l

RT: 13.426 min Scan# 3852

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

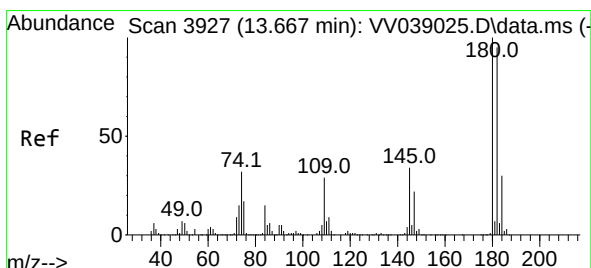
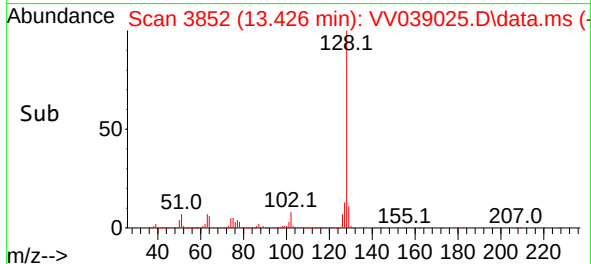
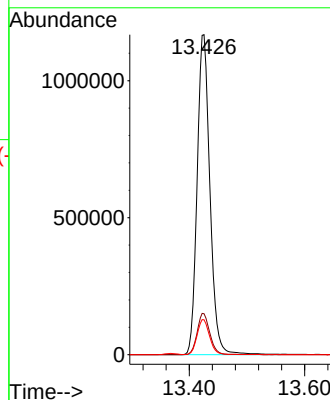
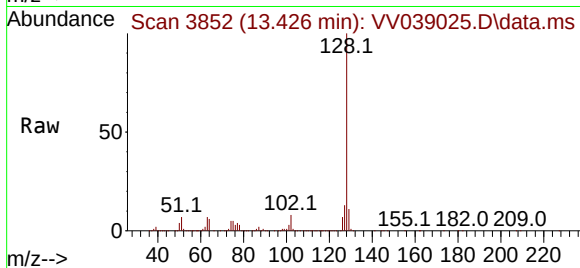
Tgt Ion:128 Resp: 1793951

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

129 10.6 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 54.617 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV039025.D

Acq: 25 Aug 2025 11:25

Tgt Ion:180 Resp: 495629

Ion Ratio Lower Upper

180 100

182 94.0 47.0 141.0

145 34.0 17.0 51.0

