

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV039005.D
 Acq On : 22 Aug 2025 00:20
 Operator : SY/MD
 Sample : Q2924-03MS
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 22 04:43:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	528363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	848358	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.780	117	744435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.178	152	531973	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.950	65	373716	50.408	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 100.820%	
35) Dibromofluoromethane	4.500	113	282258	44.365	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 88.720%	
50) Toluene-d8	7.252	98	973361	43.874	ug/l	0.02
Spiked Amount	50.000	Range	89 - 112	Recovery	= 87.740%#	
62) 4-Bromofluorobenzene	10.005	95	365259	45.005	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 90.000%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.118	85	303471	38.422	ug/l	98
3) Chloromethane	1.227	50	264332	32.399	ug/l	97
4) Vinyl Chloride	1.294	62	341661	39.689	ug/l #	75
5) Bromomethane	1.491	94	115891	24.910	ug/l	98
6) Chloroethane	1.558	64	227959	51.967	ug/l	94
7) Trichlorofluoromethane	1.722	101	539007	45.705	ug/l	98
8) Diethyl Ether	1.915	74	177950	49.068	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	290114	44.567	ug/l	99
10) Methyl Iodide	2.195	142	257181	31.755	ug/l	97
11) Tert butyl alcohol	2.564	59	294699	293.688	ug/l	99
12) 1,1-Dichloroethene	2.079	96	294988	49.193	ug/l	98
13) Acrolein	2.008	56	79586	244.385	ug/l #	1
14) Allyl chloride	2.355	41	360185	44.987	ug/l	94
15) Acrylonitrile	2.671	53	745777	245.927	ug/l	99
16) Acetone	2.118	43	638108	214.447	ug/l	98
17) Carbon Disulfide	2.253	76	792306	47.504	ug/l	99
18) Methyl Acetate	2.378	43	300683	47.675	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	981544	55.357	ug/l	99
20) Methylene Chloride	2.455	84	299675	43.337	ug/l	100
21) trans-1,2-Dichloroethene	2.699	96	1361690	218.019	ug/l	99
22) Diisopropyl ether	3.211	45	753895	42.887	ug/l	99
23) Vinyl Acetate	3.185	43	3020801	214.166	ug/l	100
24) 1,1-Dichloroethane	3.117	63	494589	42.475	ug/l	99
25) 2-Butanone	3.860	43	890827	230.095	ug/l	97
26) 2,2-Dichloropropane	3.812	77	381196	34.126	ug/l	79
27) cis-1,2-Dichloroethene	3.815	96	1272503	168.804	ug/l	92
28) Bromochloromethane	4.150	49	110475	45.246	ug/l	95
29) Tetrahydrofuran	4.230	42	580495	224.615	ug/l	99
30) Chloroform	4.278	83	556744	41.840	ug/l	99
31) Cyclohexane	4.587	56	426988	41.099	ug/l	99
32) 1,1,1-Trichloroethane	4.516	97	531225	42.493	ug/l	99
36) 1,1-Dichloropropene	4.748	75	364570	44.124	ug/l #	75
37) Ethyl Acetate	3.973	43	340498	42.179	ug/l	100
38) Carbon Tetrachloride	4.738	117	466553	42.166	ug/l	100
39) Methylcyclohexane	6.050	83	476755	45.158	ug/l	96
41) Methacrylonitrile	4.156	41	158767	52.193	ug/l	95

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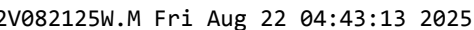
Instrument :
 MSVOA_V
 ClientSampleId :

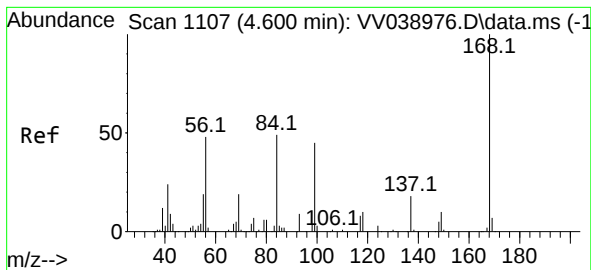
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.031	62	1735360	183.424	ug/l	81
43) Isopropyl Acetate	5.191	43	531788	43.173	ug/l	99
44) Trichloroethene	5.831	130	519245	73.970	ug/l	97
45) 1,2-Dichloropropane	6.092	63	252945	40.755	ug/l	99
46) Dibromomethane	6.227	93	217643	41.792	ug/l	97
47) Bromodichloromethane	6.429	83	429789	40.551	ug/l	97
48) Methyl methacrylate	6.297	41	264389	47.883	ug/l	100
49) 1,4-Dioxane	6.291	88	102442	1109.594	ug/l	93
51) 4-Methyl-2-Pentanone	7.178	43	1772089	219.109	ug/l	97
53) t-1,3-Dichloropropene	7.580	75	406327	41.009	ug/l	99
54) cis-1,3-Dichloropropene	6.953	75	437820	42.648	ug/l	97
55) 1,1,2-Trichloroethane	7.764	97	265575	37.164	ug/l	99
56) Ethyl methacrylate	7.719	69	416515	38.555	ug/l	95
57) 1,3-Dichloropropane	7.937	76	431420	38.717	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.770	63	114	5.008	ug/l	93
59) 2-Hexanone	8.066	43	1247929	160.267	ug/l	96
60) Dibromochloromethane	8.172	129	334184	38.729	ug/l	100
61) 1,2-Dibromoethane	8.278	107	295667	39.881	ug/l	99
64) Tetrachloroethene	7.902	164	242011	43.690	ug/l	98
65) Chlorobenzene	8.809	112	793712	44.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.905	131	285787	44.354	ug/l	99
68) m/p-Xylenes	8.940	106	7014820	659.177	ug/l #	1
69) o-Xylene	9.481	106	21358696	2202.040	ug/l #	1
71) Bromoform	9.664	173	240829	45.364	ug/l #	98
73) Isopropylbenzene	9.860	105	1555867	43.586	ug/l	100
74) N-amyl acetate	9.728	43	434797	33.245	ug/l	93
75) 1,1,2,2-Tetrachloroethane	10.169	83	409312	28.872	ug/l	99
76) 1,2,3-Trichloropropane	9.934	75	138732	14.060	ug/l	80
77) Bromobenzene	10.143	156	337419	36.789	ug/l	93
78) n-propylbenzene	10.281	91	2510535	58.905	ug/l	100
79) 2-Chlorotoluene	10.352	91	1796442	70.201	ug/l	72
80) 1,3,5-Trimethylbenzene	10.468	105	5316872	176.987	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.934	75	139975	32.569	ug/l	97
82) 4-Chlorotoluene	10.468	91	1563171	52.999	ug/l	84
83) tert-Butylbenzene	10.796	119	1273675	42.699	ug/l	98
84) 1,2,4-Trimethylbenzene	10.667	105	1736525	60.404	ug/l	77
85) sec-Butylbenzene	11.017	105	1862819	48.018	ug/l	100
86) p-Isopropyltoluene	11.172	119	1915758	58.640	ug/l	99
87) 1,3-Dichlorobenzene	11.111	146	814777	44.989	ug/l	100
88) 1,4-Dichlorobenzene	11.204	146	846726	43.830	ug/l	100
89) n-Butylbenzene	11.609	91	1694177	53.227	ug/l	91
90) Hexachloroethane	11.709	117	20593151	2727.473	ug/l #	16
91) 1,2-Dichlorobenzene	11.577	146	795654	46.074	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.355	75	126783	45.982	ug/l	96
93) 1,2,4-Trichlorobenzene	13.191	180	535057	51.921	ug/l	100
94) Hexachlorobutadiene	13.394	225	199189	37.494	ug/l	99
96) 1,2,3-Trichlorobenzene	13.670	180	536515	51.633	ug/l	98

(#) = 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. 0.003 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

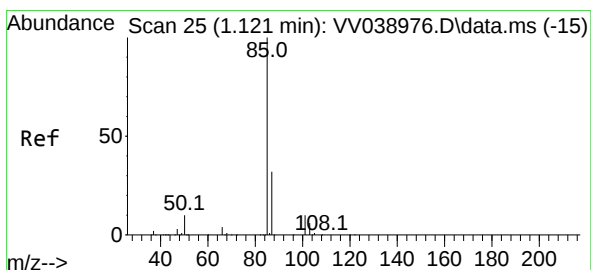
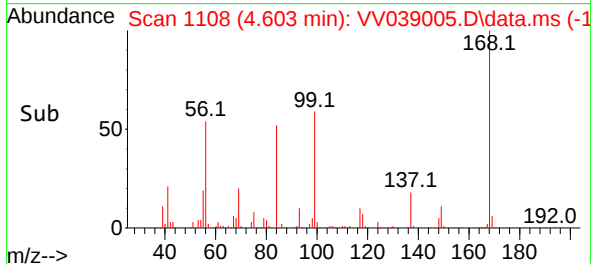
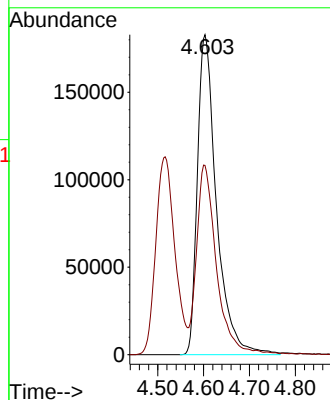
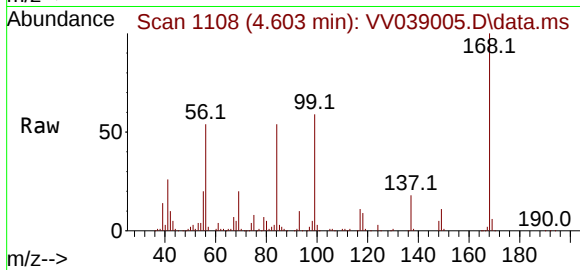
ClientSampleId :

Tgt Ion:168 Resp: 528363

Ion Ratio Lower Upper

168 100

99 58.8 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 38.422 ug/l

RT: 1.118 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV039005.D

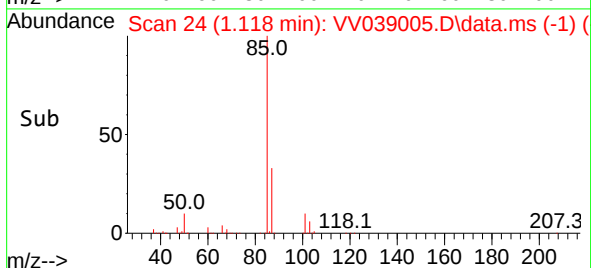
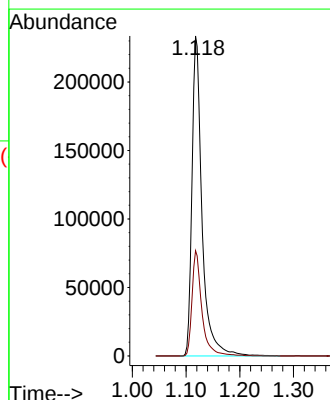
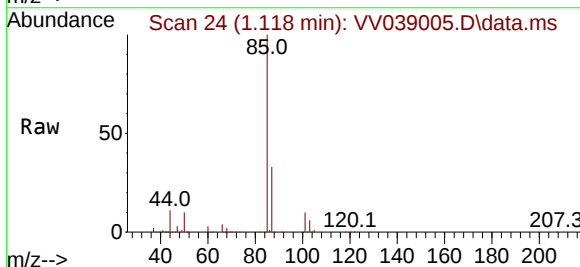
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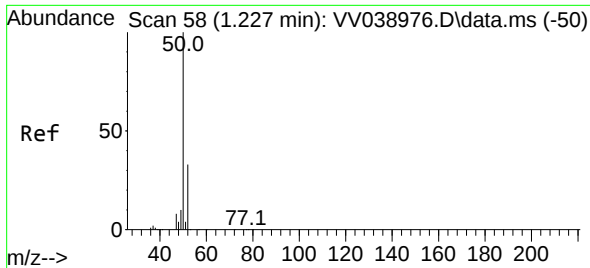
Tgt Ion: 85 Resp: 303471

Ion Ratio Lower Upper

85 100

87 32.9 15.8 47.3

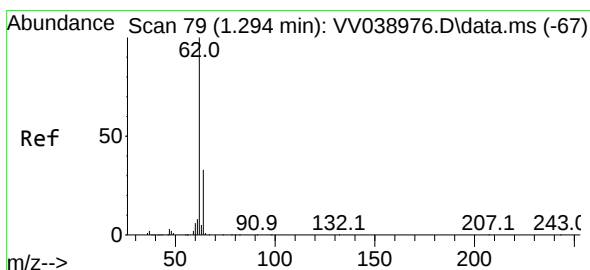
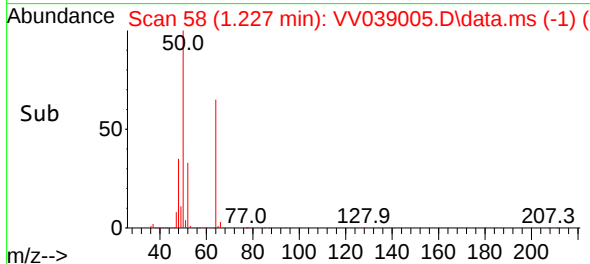
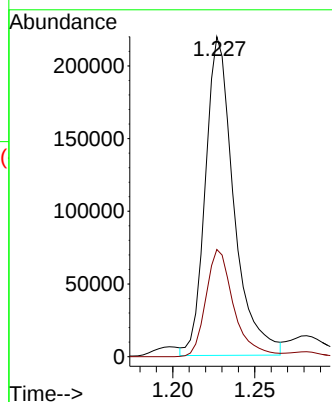
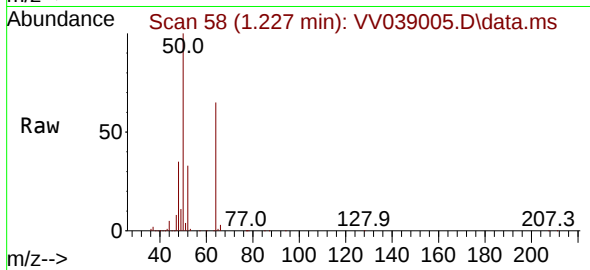




#3
Chloromethane
Concen: 32.399 ug/l
RT: 1.227 min Scan# 58
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

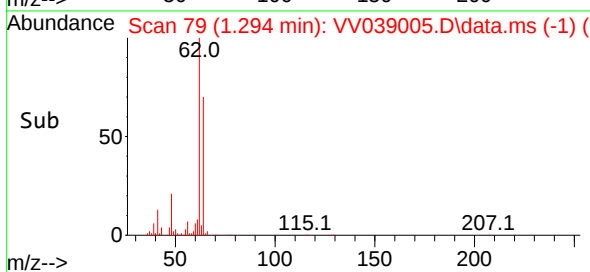
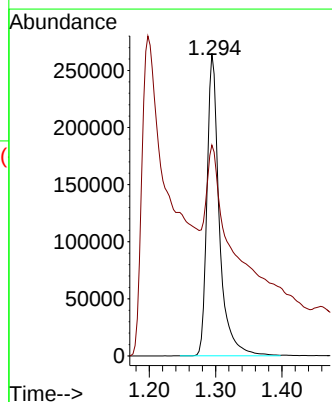
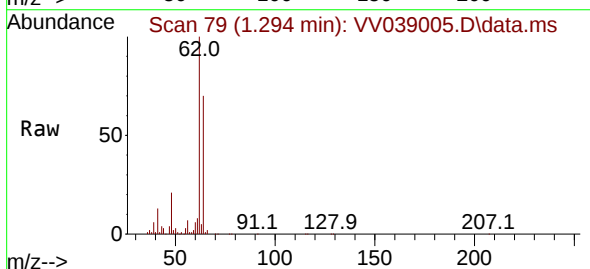
Instrument :
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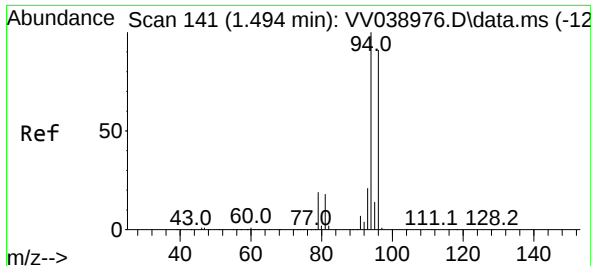
Tgt Ion: 50 Resp: 264332
Ion Ratio Lower Upper
50 100
52 34.3 26.2 39.2



#4
Vinyl Chloride
Concen: 39.689 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion: 62 Resp: 341661
Ion Ratio Lower Upper
62 100
64 47.0 26.4 39.6

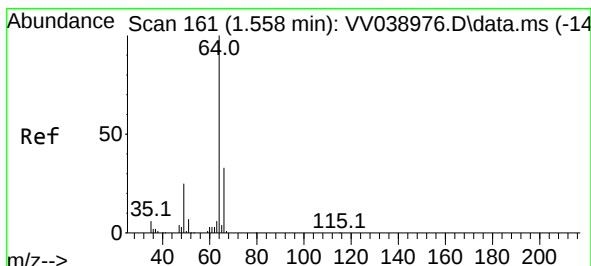
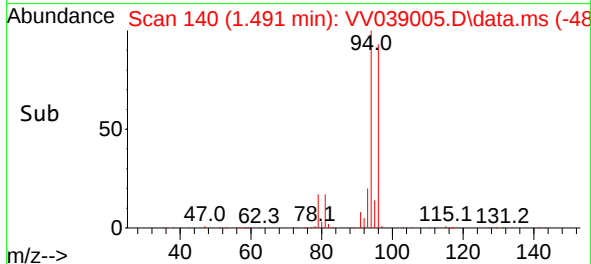
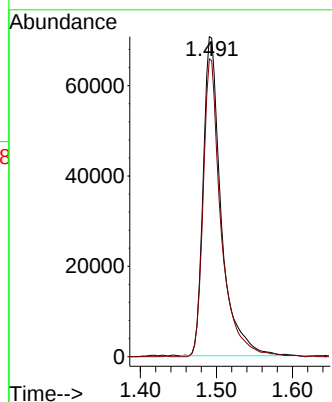
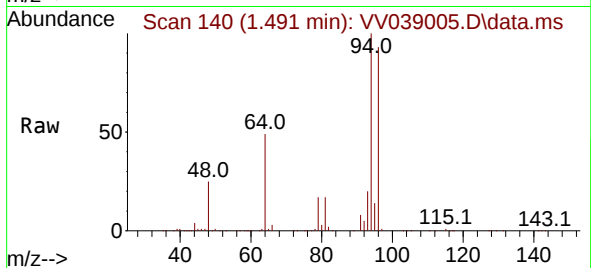




#5
Bromomethane
Concen: 24.910 ug/l
RT: 1.491 min Scan# 141
Delta R.T. -0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

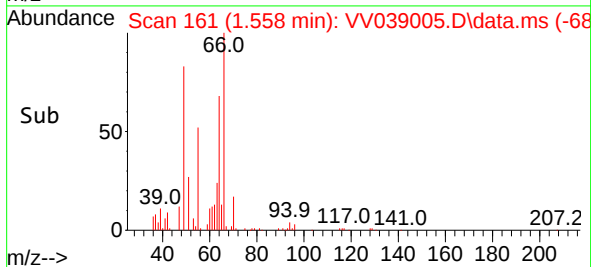
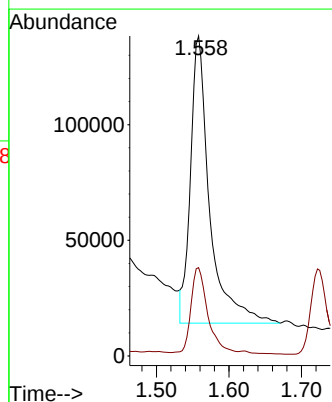
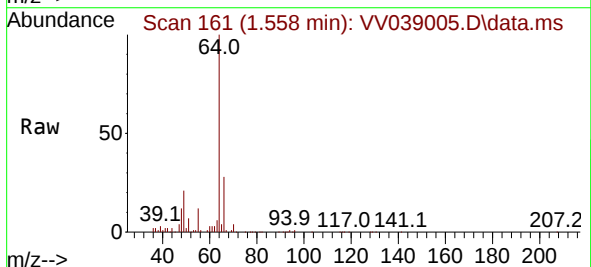
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MSVOA_V
ClientSampleId :

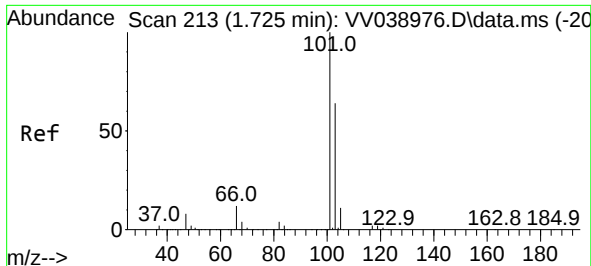
Tgt Ion: 94 Resp: 115891
Ion Ratio Lower Upper
94 100
96 93.3 73.1 109.7



#6
Chloroethane
Concen: 51.967 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

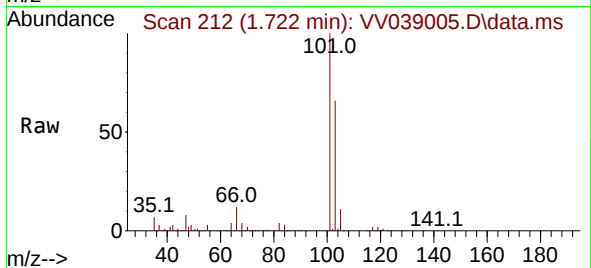
Tgt Ion: 64 Resp: 227959
Ion Ratio Lower Upper
64 100
66 30.0 26.8 40.2



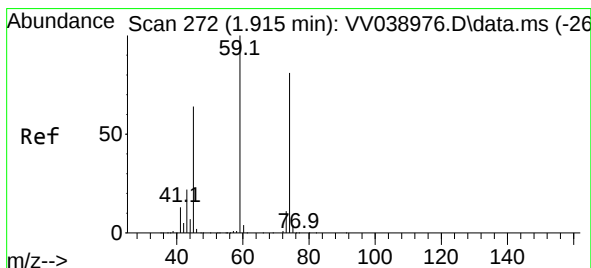
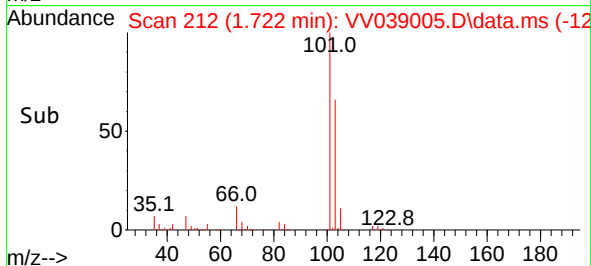
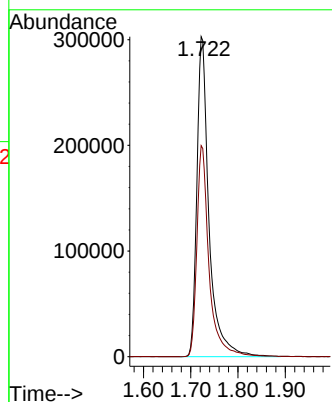


#7
 Trichlorofluoromethane
 Concen: 45.705 ug/l
 RT: 1.722 min Scan# 213
 Delta R.T. -0.003 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

Instrument :
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 ClientSampleId :

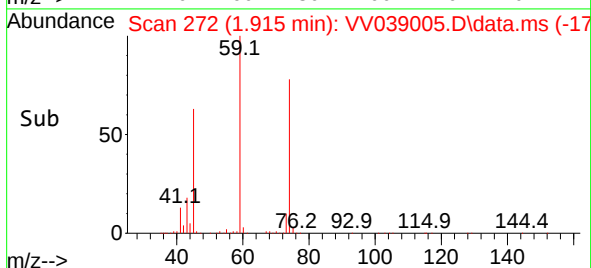
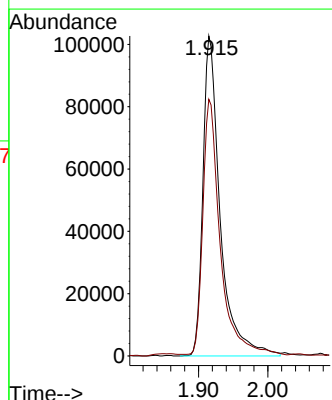
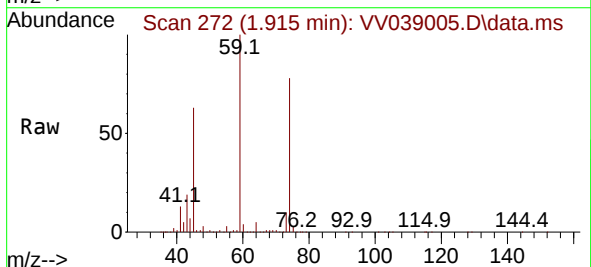


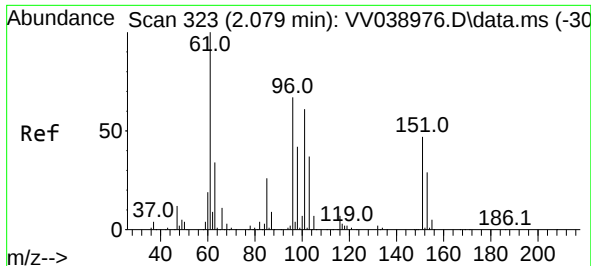
Tgt Ion:101 Resp: 539007
 Ion Ratio Lower Upper
 101 100
 103 66.0 51.4 77.2



#8
 Diethyl Ether
 Concen: 49.068 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. -0.000 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

Tgt Ion: 74 Resp: 177950
 Ion Ratio Lower Upper
 74 100
 45 79.9 39.8 119.4

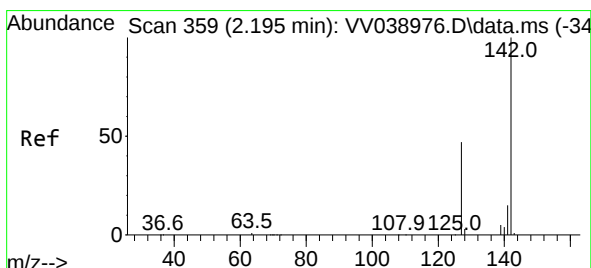
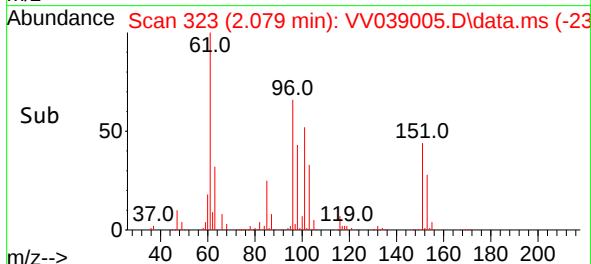
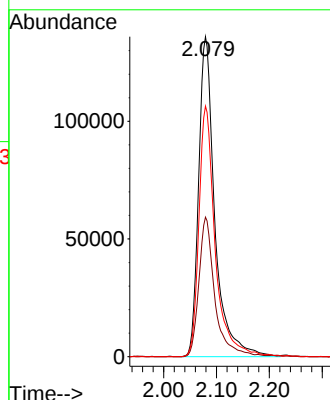
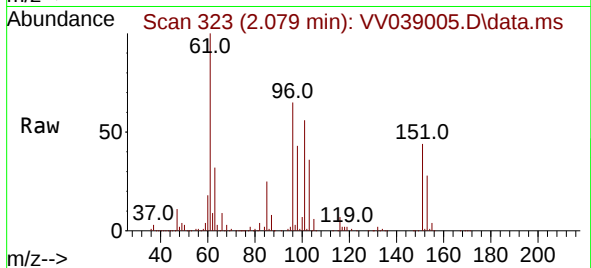




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.567 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

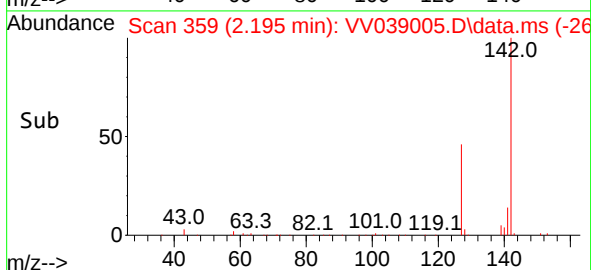
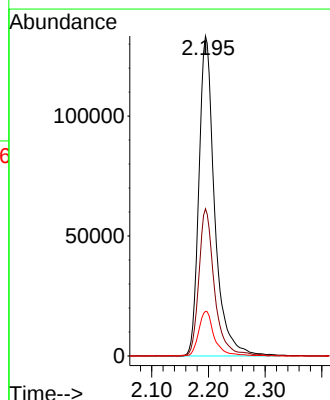
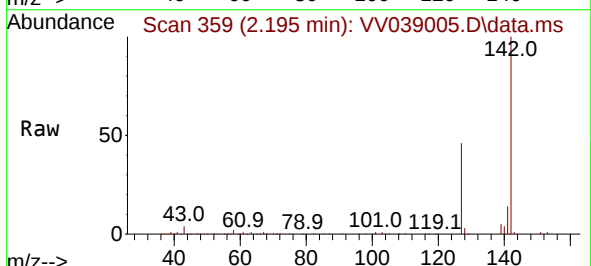
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ClientSampleId :

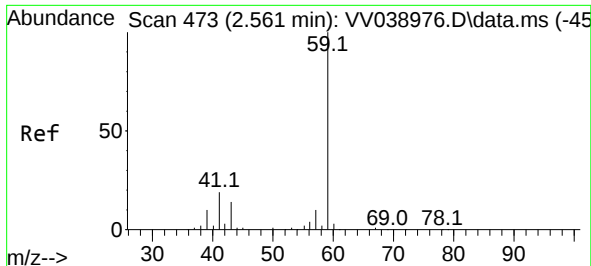
Tgt Ion:101 Resp: 290114
Ion Ratio Lower Upper
101 100
85 42.9 34.6 51.8
151 78.5 62.1 93.1



#10
Methyl Iodide
Concen: 31.755 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion:142 Resp: 257181
Ion Ratio Lower Upper
142 100
127 45.3 38.6 57.8
141 13.9 11.4 17.2

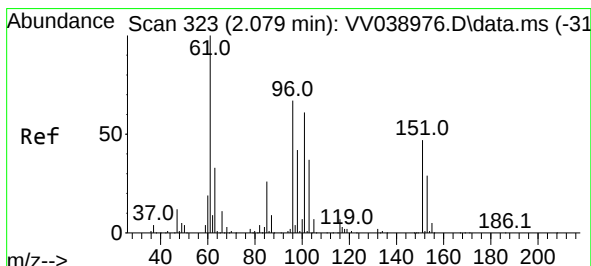
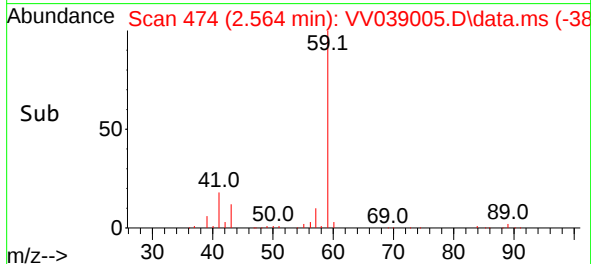
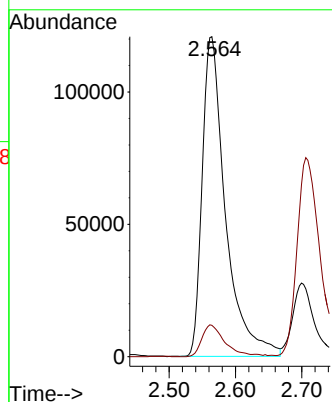
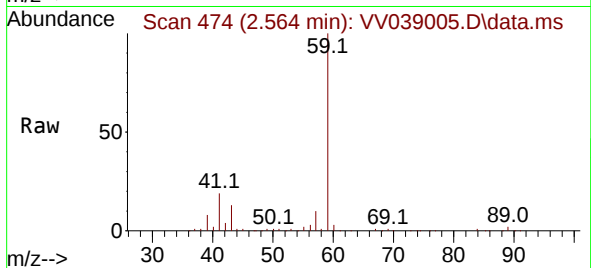




#11
Tert butyl alcohol
Concen: 293.688 ug/l
RT: 2.564 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

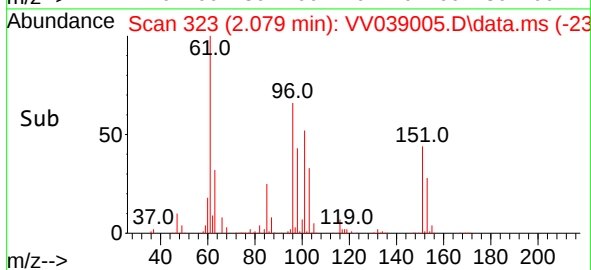
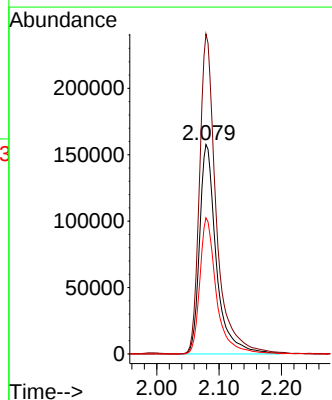
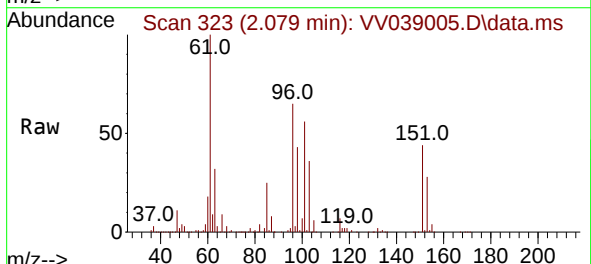
Instrument :
MSVOA_V
ClientSampleId :

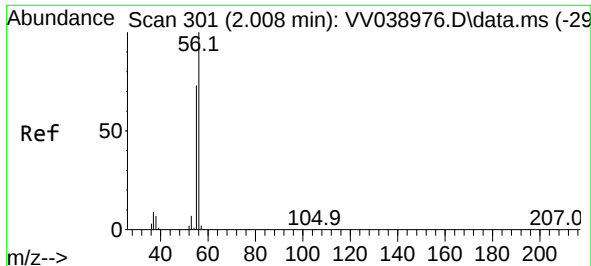
Tgt Ion: 59 Resp: 294699
Ion Ratio Lower Upper
59 100
57 9.7 8.1 12.1



#12
1,1-Dichloroethene
Concen: 49.193 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion: 96 Resp: 294988
Ion Ratio Lower Upper
96 100
61 152.7 119.8 179.8
98 65.0 50.2 75.2

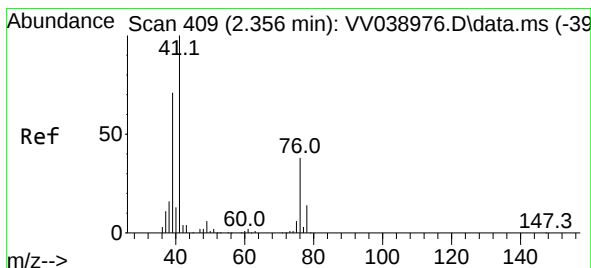
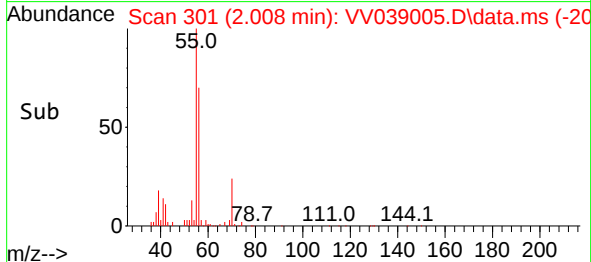
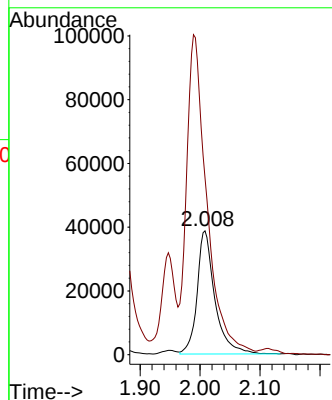
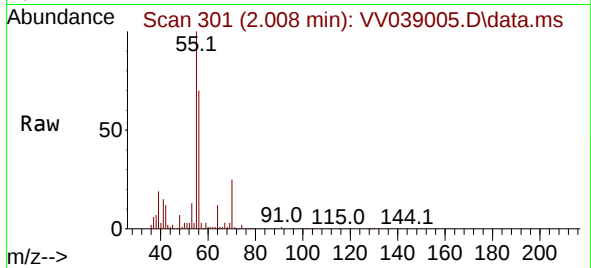




#13
Acrolein
Concen: 244.385 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

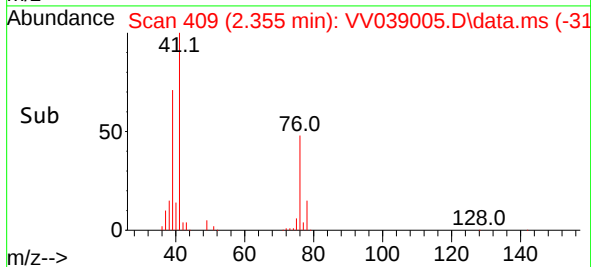
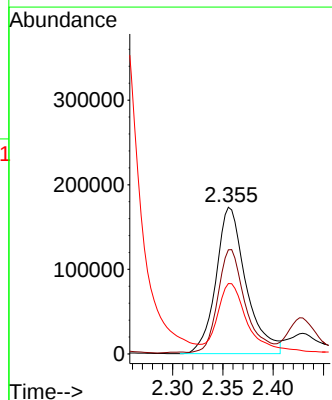
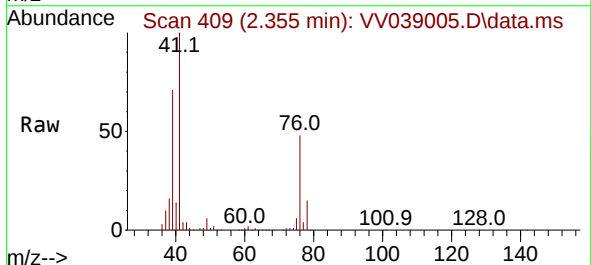
Instrument :
MSVOA_V
ClientSampleId :

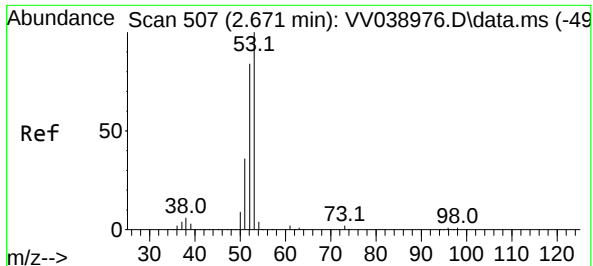
Tgt Ion: 56 Resp: 79586
Ion Ratio Lower Upper
56 100
55 285.5 58.8 88.2#



#14
Allyl chloride
Concen: 44.987 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

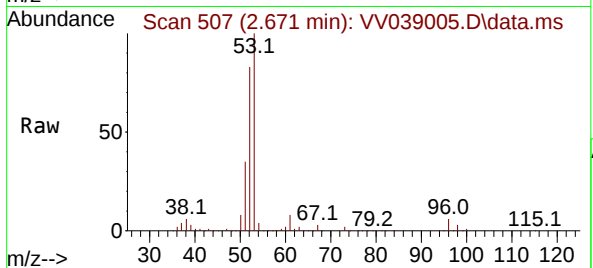
Tgt Ion: 41 Resp: 360185
Ion Ratio Lower Upper
41 100
39 63.4 55.0 82.4
76 48.3 35.6 53.4





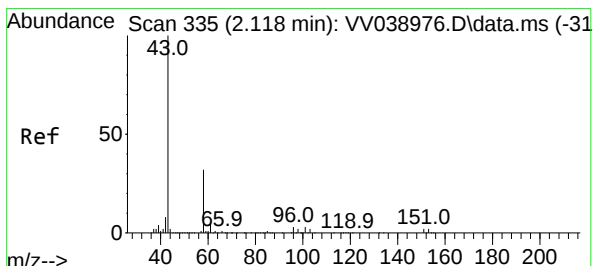
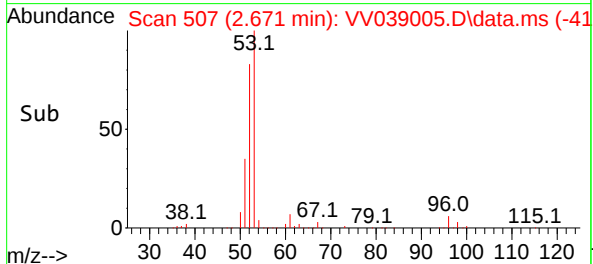
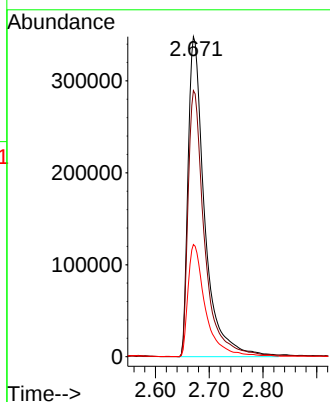
#15
Acrylonitrile
Concen: 245.927 ug/l
RT: 2.671 min Scan# 507
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 53 Resp: 745777

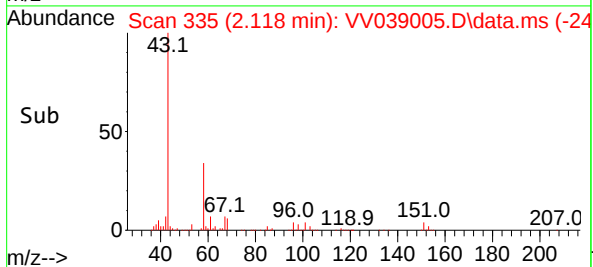
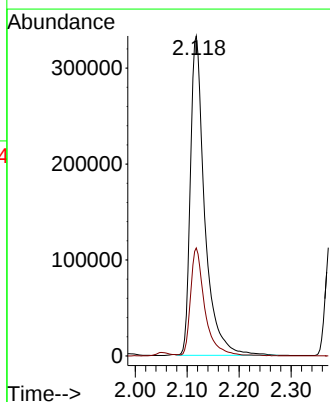
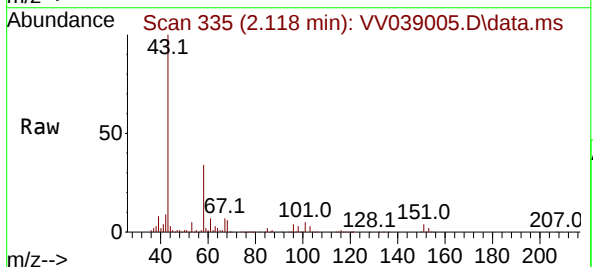
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.2	99.4
51	36.9	28.5	42.7

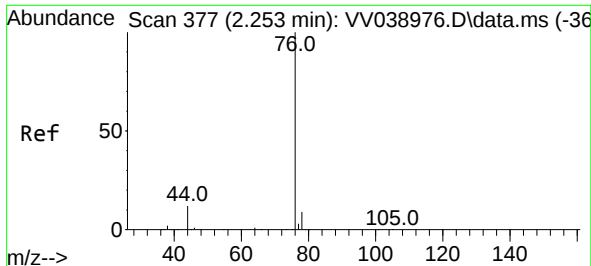


#16
Acetone
Concen: 214.447 ug/l
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion: 43 Resp: 638108

Ion	Ratio	Lower	Upper
43	100		
58	33.8	26.3	39.5

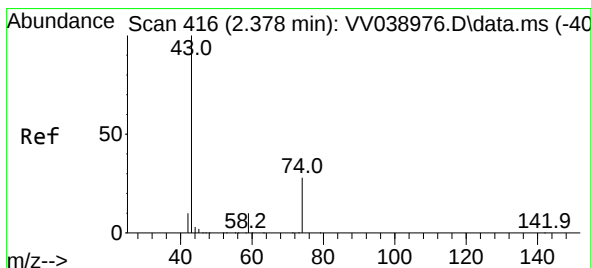
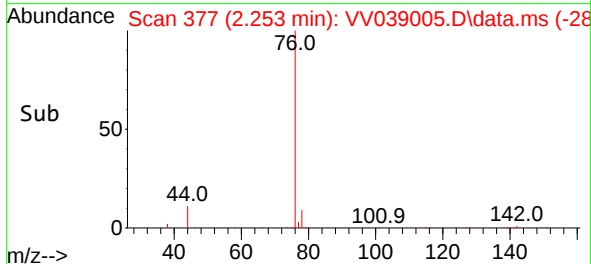
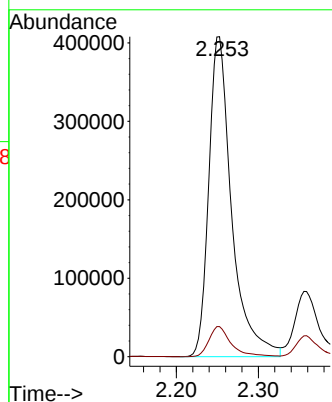
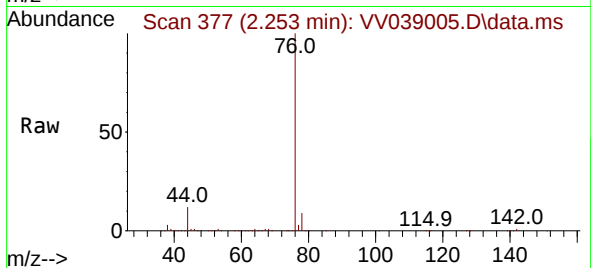




#17
Carbon Disulfide
Concen: 47.504 ug/l
RT: 2.253 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

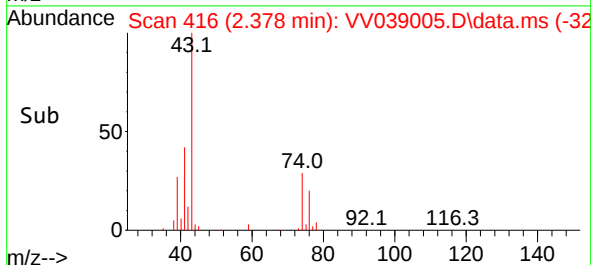
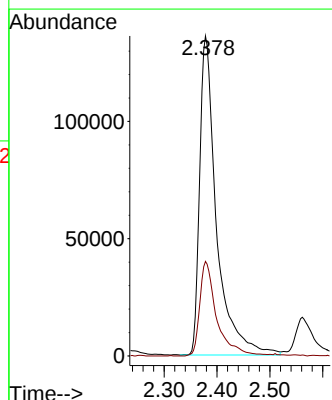
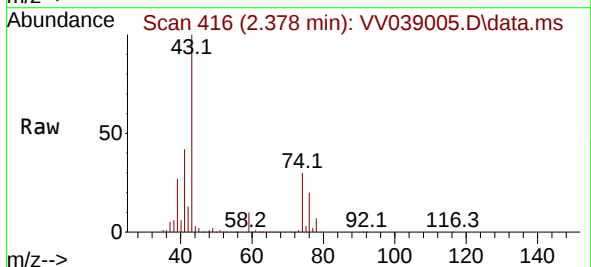
Instrument :
MSVOA_V
ClientSampleId :

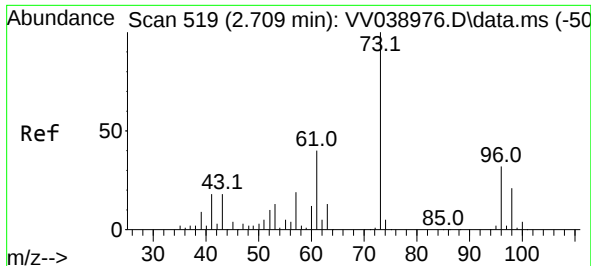
Tgt Ion: 76 Resp: 792306
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9



#18
Methyl Acetate
Concen: 47.675 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion: 43 Resp: 300683
Ion Ratio Lower Upper
43 100
74 29.8 23.5 35.3

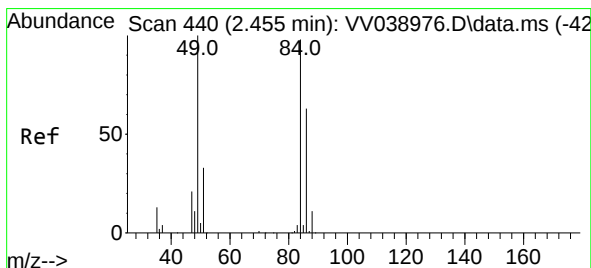
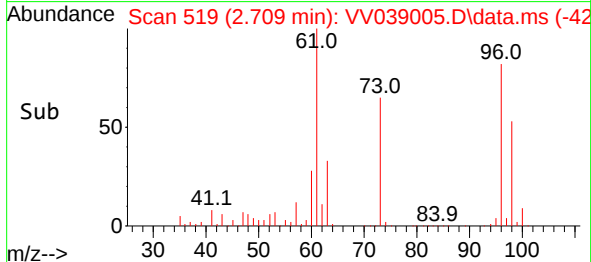
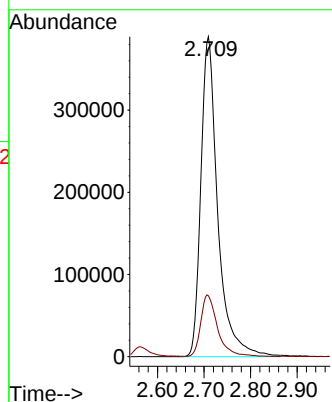
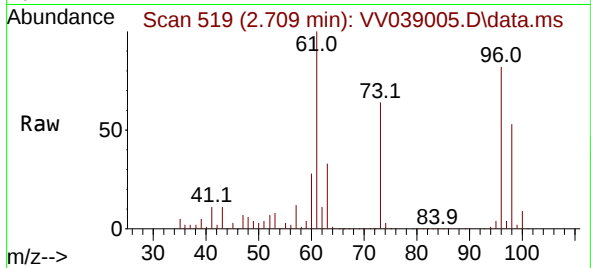




#19
Methyl tert-butyl Ether
Concen: 55.357 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

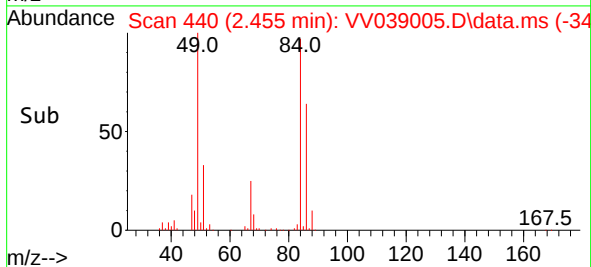
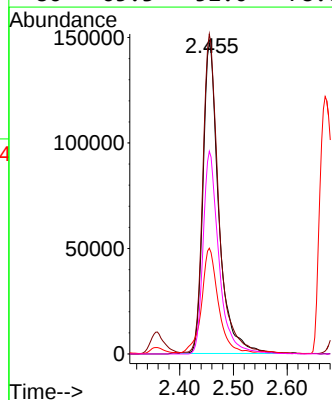
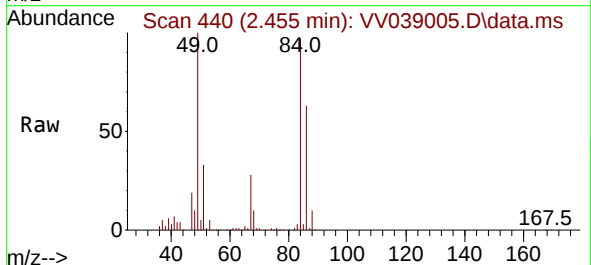
Instrument :
MSVOA_V
ClientSampleId :

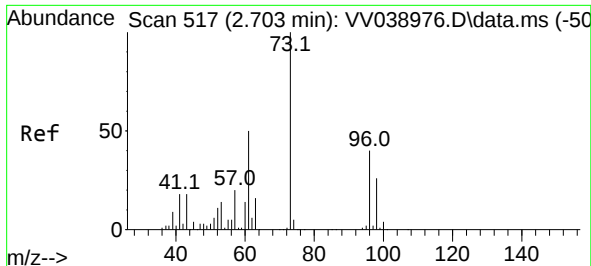
Tgt Ion: 73 Resp: 981544
Ion Ratio Lower Upper
73 100
57 18.9 15.7 23.5



#20
Methylene Chloride
Concen: 43.337 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion: 84 Resp: 299675
Ion Ratio Lower Upper
84 100
49 102.7 81.9 122.9
51 33.7 26.9 40.3
86 65.3 52.0 78.0

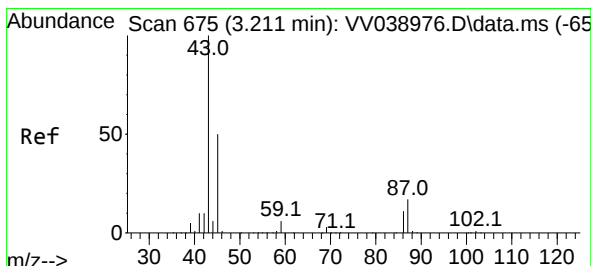
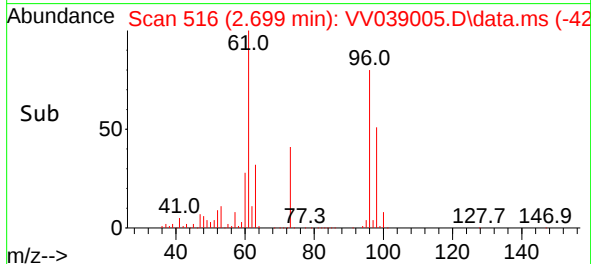
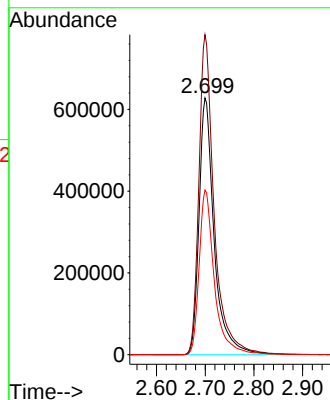
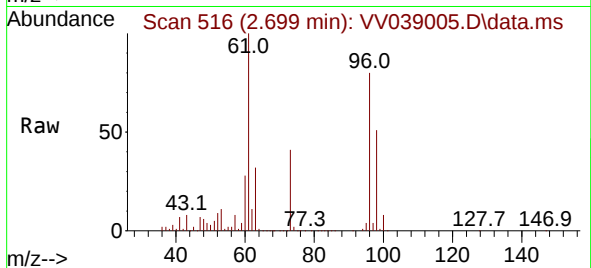




#21
trans-1,2-Dichloroethene
Concen: 218.019 ug/l
RT: 2.699 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

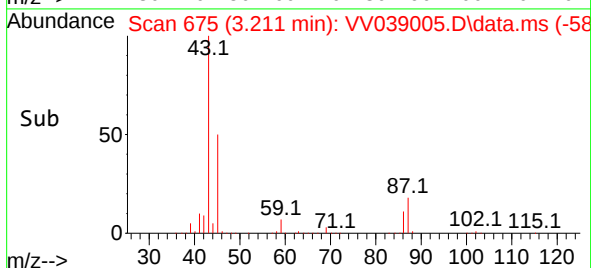
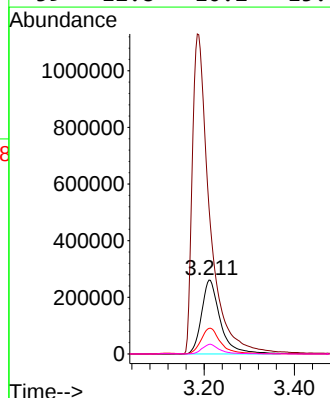
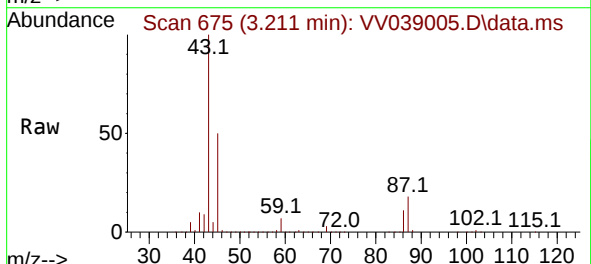
Instrument :
MSVOA_V
ClientSampleId :

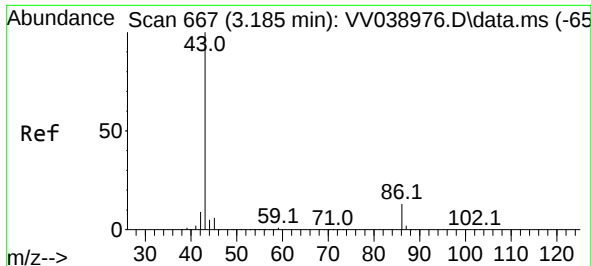
Tgt Ion: 96 Resp: 1361690
Ion Ratio Lower Upper
96 100
61 124.7 100.6 151.0
98 64.1 51.5 77.3



#22
Diisopropyl ether
Concen: 42.887 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion: 45 Resp: 753895
Ion Ratio Lower Upper
45 100
43 198.2 159.4 239.0
87 34.4 27.5 41.3
59 12.8 10.2 15.4

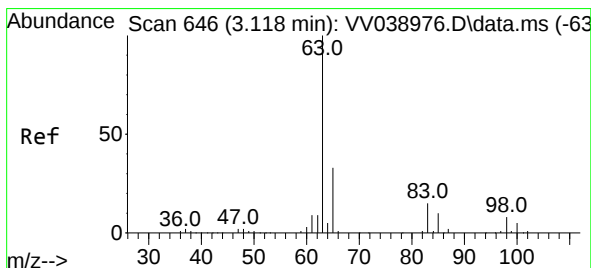
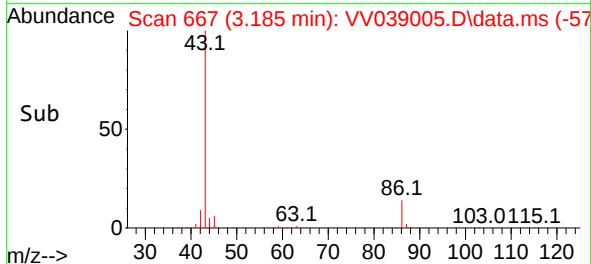
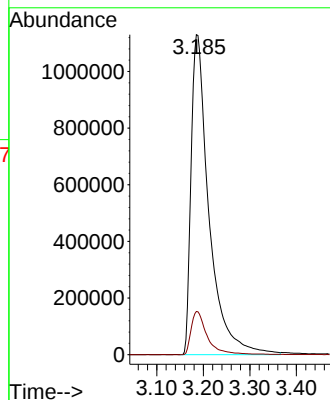
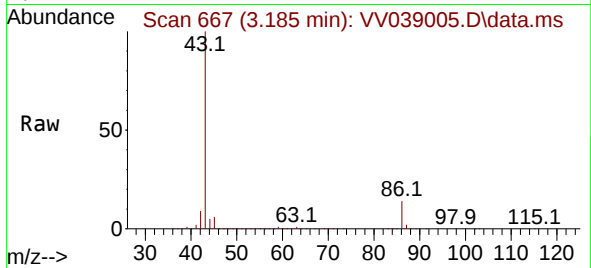




#23
 Vinyl Acetate
 Concen: 214.166 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. -0.000 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

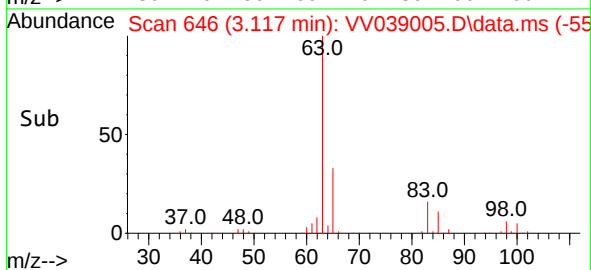
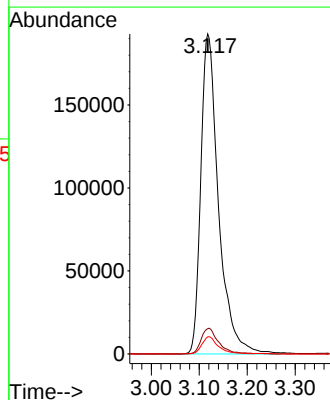
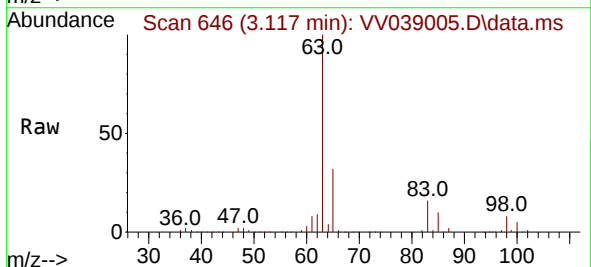
Instrument :
 MSVOA_V
 ClientSampleId :

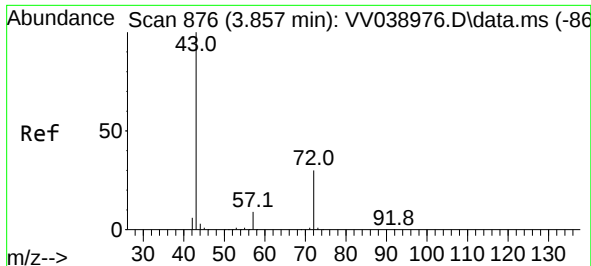
Tgt Ion: 43 Resp: 3020801
 Ion Ratio Lower Upper
 43 100
 86 13.5 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 42.475 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

Tgt Ion: 63 Resp: 494589
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.3 12.8
 100 5.3 2.6 8.0

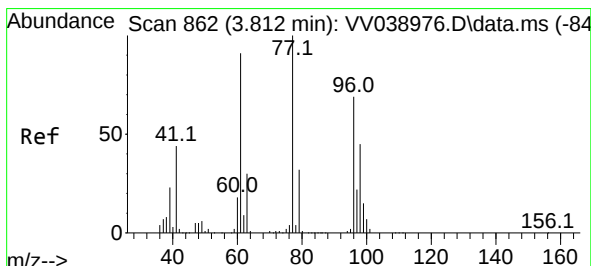
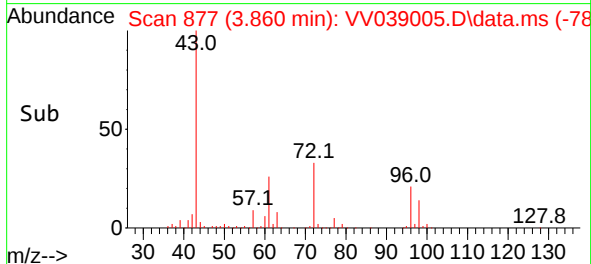
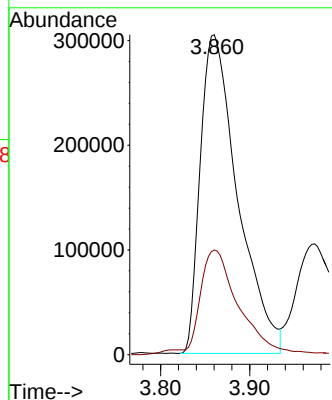
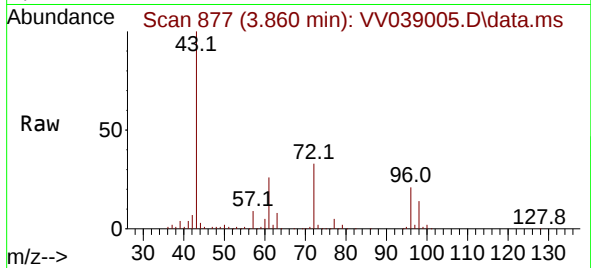




#25
2-Butanone
Concen: 230.095 ug/l
RT: 3.860 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

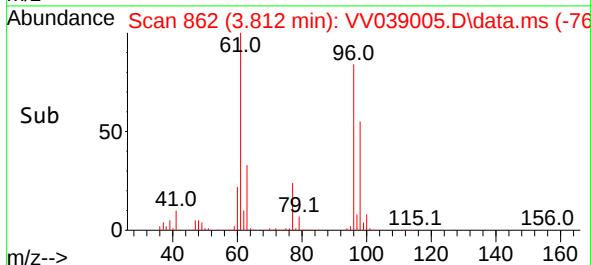
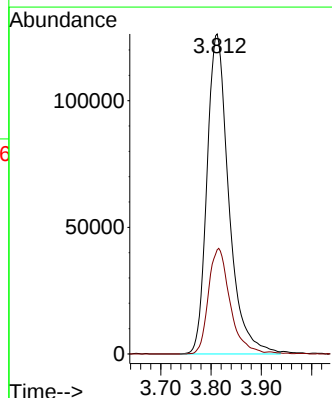
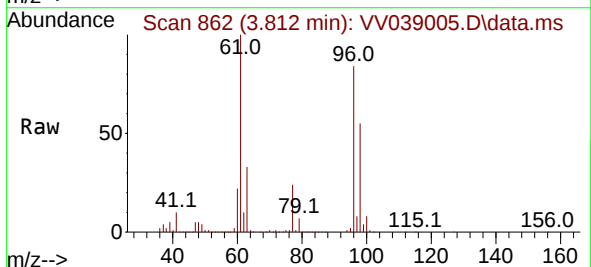
Instrument :
MSVOA_V
ClientSampleId :

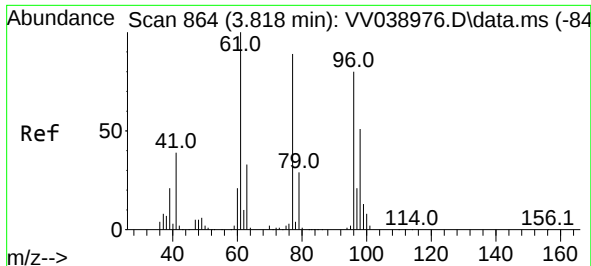
Tgt Ion: 43 Resp: 890827
Ion Ratio Lower Upper
43 100
72 31.3 23.9 35.9



#26
2,2-Dichloropropane
Concen: 34.126 ug/l
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion: 77 Resp: 381196
Ion Ratio Lower Upper
77 100
97 32.6 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 168.804 ug/l

RT: 3.815 min Scan# 863

Delta R.T. -0.003 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

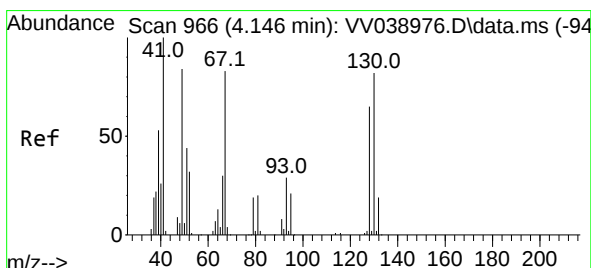
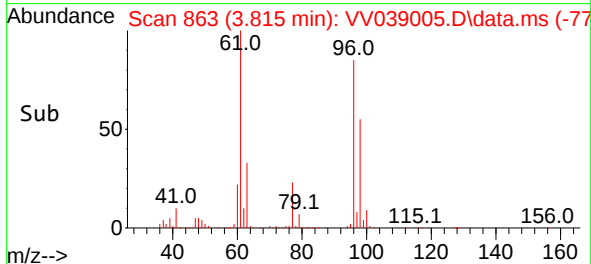
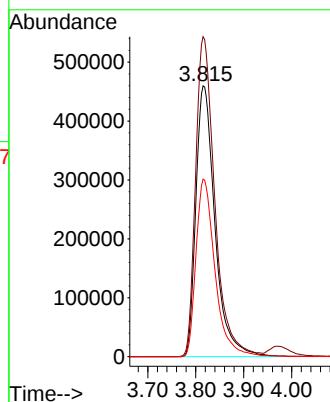
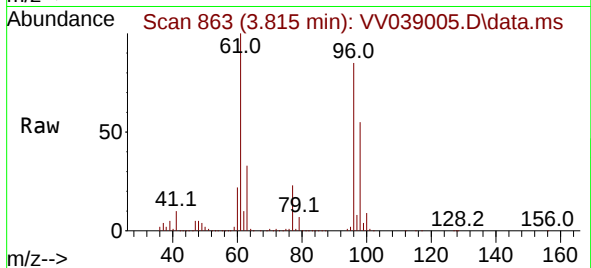
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 96 Resp: 1272503

Ion	Ratio	Lower	Upper
96	100		
61	118.8	0.0	264.4
98	65.4	0.0	131.8



#28

Bromochloromethane

Concen: 45.246 ug/l

RT: 4.150 min Scan# 967

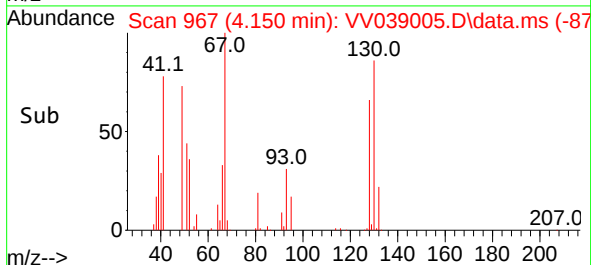
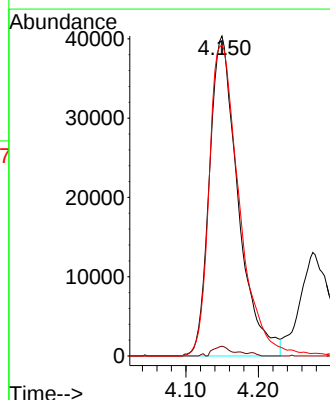
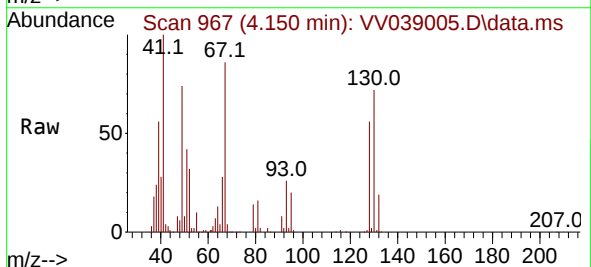
Delta R.T. 0.004 min

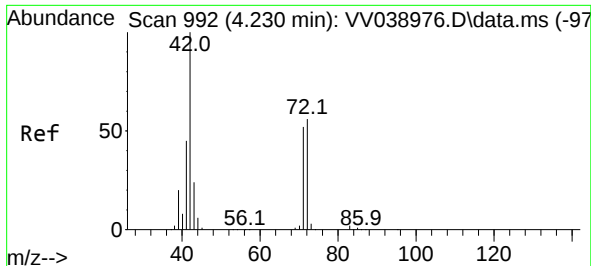
Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Tgt Ion: 49 Resp: 110475

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.2
130	102.6	78.2	117.2





#29

Tetrahydrofuran

Concen: 224.615 ug/l

RT: 4.230 min Scan# 992

Delta R.T. -0.000 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

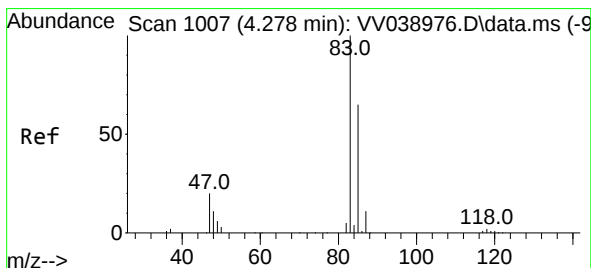
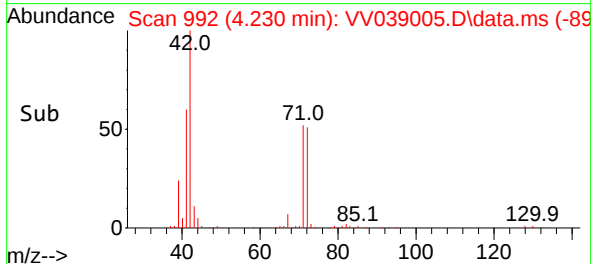
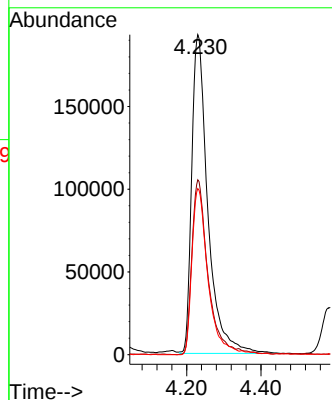
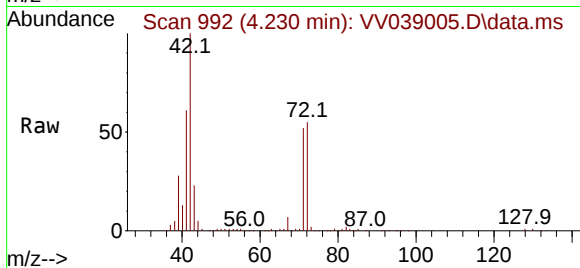
Tgt Ion: 42 Resp: 580495

Ion Ratio Lower Upper

42 100

72 54.2 44.6 66.8

71 51.5 41.6 62.4



#30

Chloroform

Concen: 41.840 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV039005.D

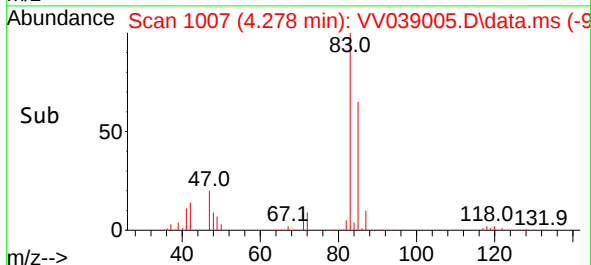
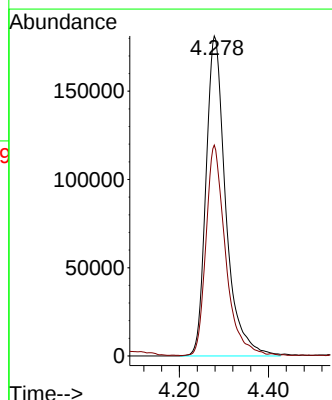
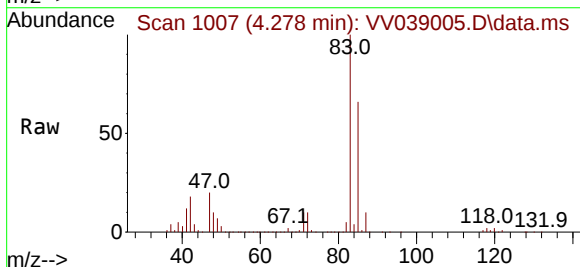
Acq: 22 Aug 2025 00:20

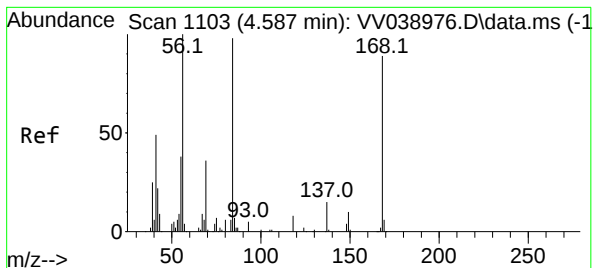
Tgt Ion: 83 Resp: 556744

Ion Ratio Lower Upper

83 100

85 65.7 52.2 78.2





#31

Cyclohexane

Concen: 41.099 ug/l

RT: 4.587 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

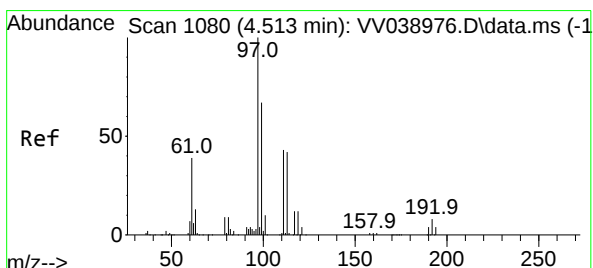
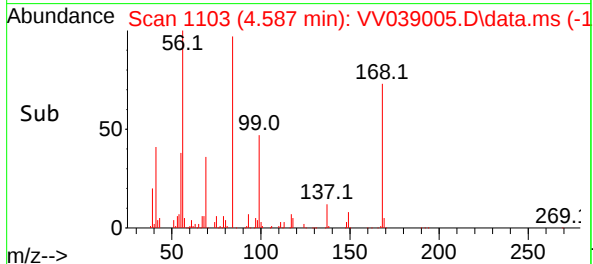
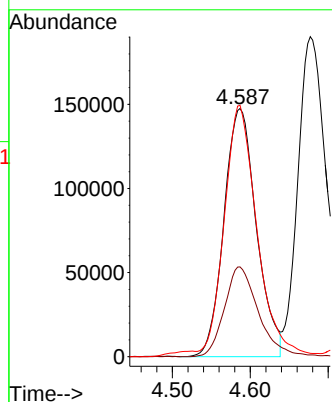
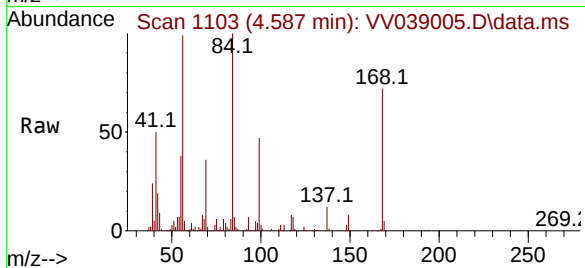
Tgt Ion: 56 Resp: 426988

Ion Ratio Lower Upper

56 100

69 36.2 28.6 42.8

84 99.3 78.1 117.1



#32

1,1,1-Trichloroethane

Concen: 42.493 ug/l

RT: 4.516 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

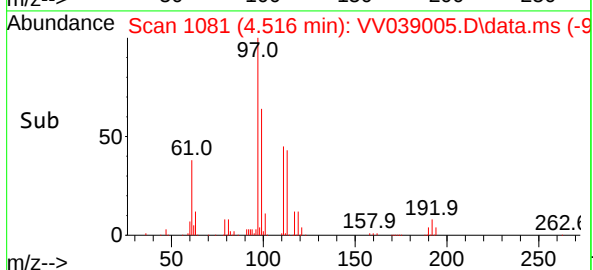
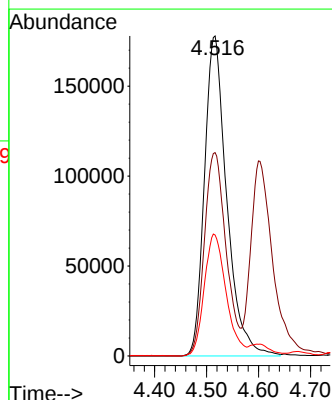
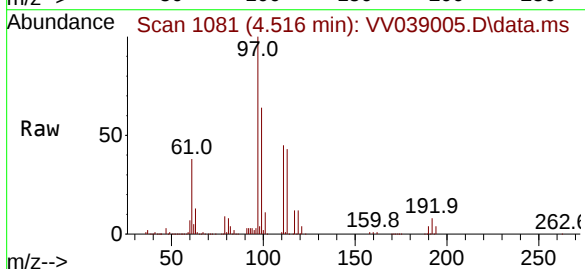
Tgt Ion: 97 Resp: 531225

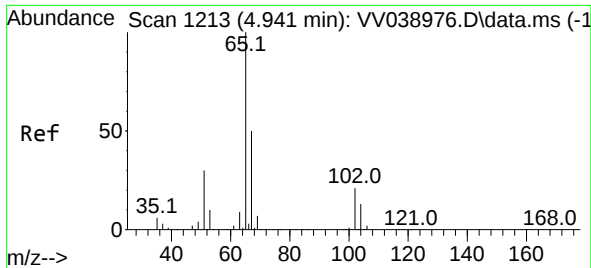
Ion Ratio Lower Upper

97 100

99 61.5 49.5 74.3

61 37.4 30.9 46.3





#33

1,2-Dichloroethane-d4

Concen: 50.408 ug/l

RT: 4.950 min Scan# 11

Delta R.T. 0.010 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

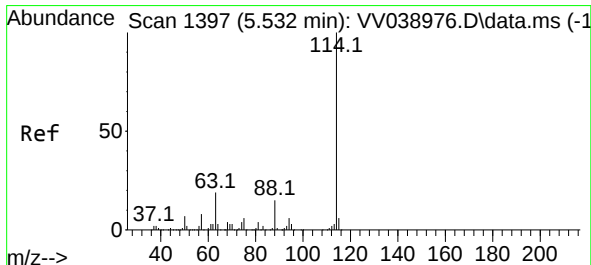
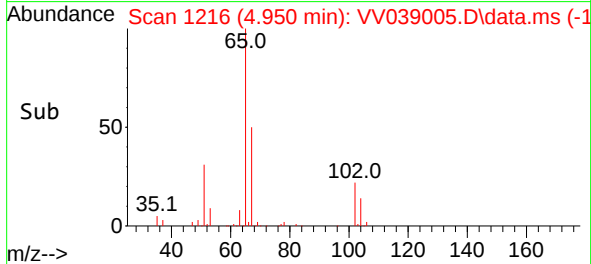
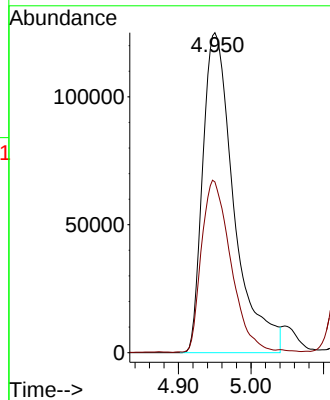
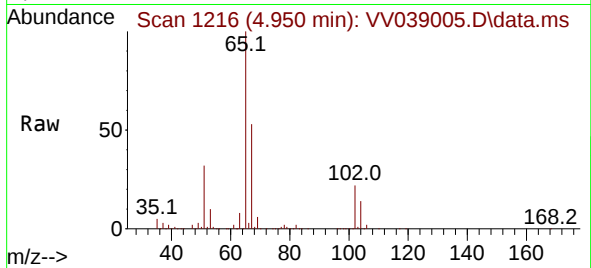
ClientSampleId :

Tgt Ion: 65 Resp: 373716

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.003 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

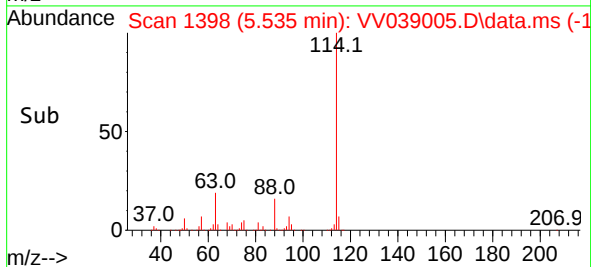
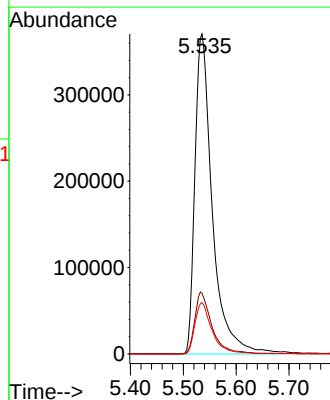
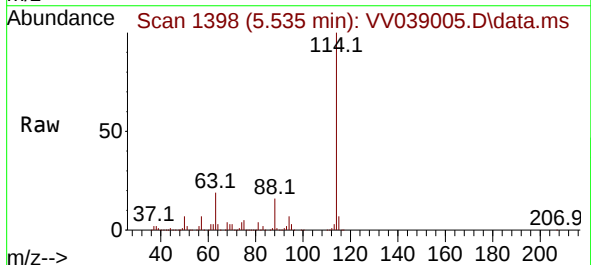
Tgt Ion: 114 Resp: 848358

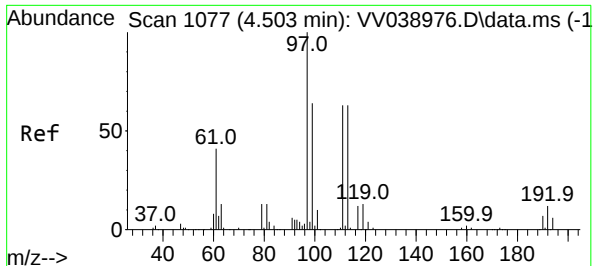
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.4

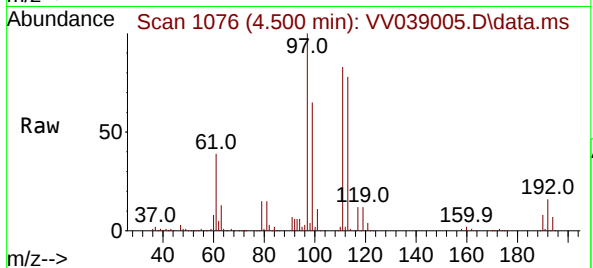
88 16.1 0.0 30.4



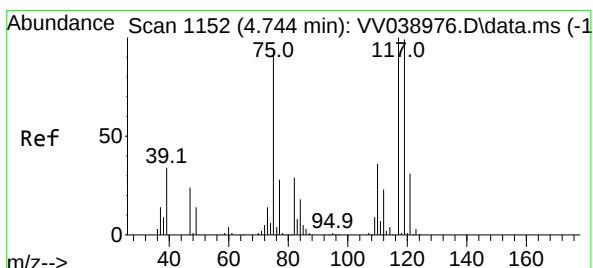
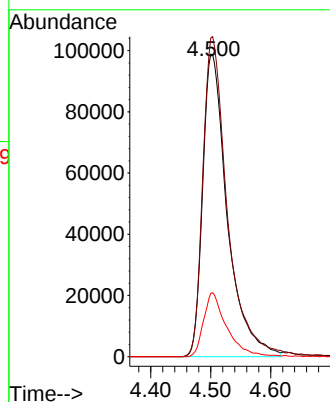
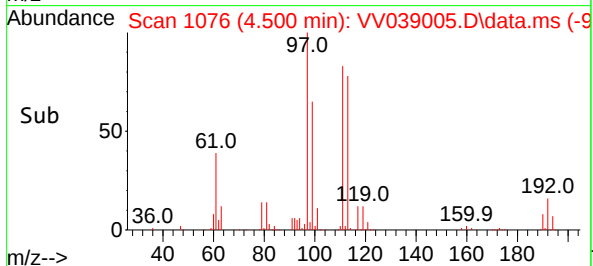


#35
Dibromofluoromethane
Concen: 44.365 ug/l
RT: 4.500 min Scan# 1107
Delta R.T. -0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Instrument :
MSVOA_V
ClientSampleId :

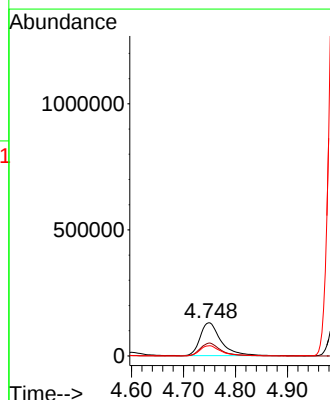
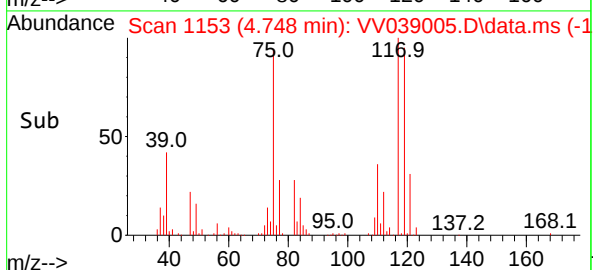
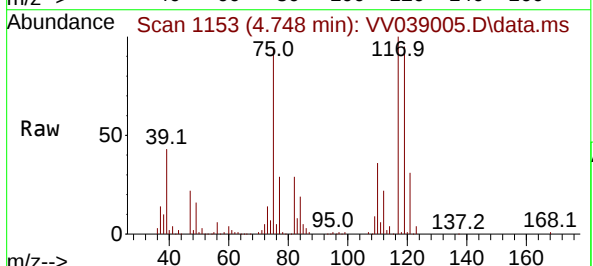


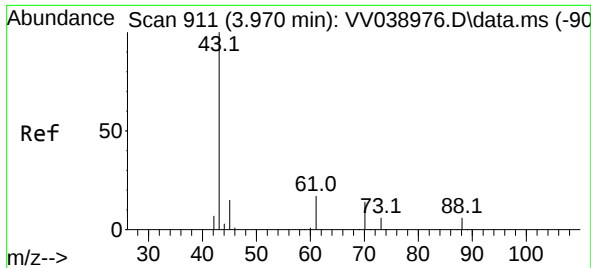
Tgt Ion:113 Resp: 282258
Ion Ratio Lower Upper
113 100
111 104.8 81.3 121.9
192 19.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 44.124 ug/l
RT: 4.748 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion: 75 Resp: 364570
Ion Ratio Lower Upper
75 100
110 39.4 19.6 58.7
77 0.0 24.4 36.6#

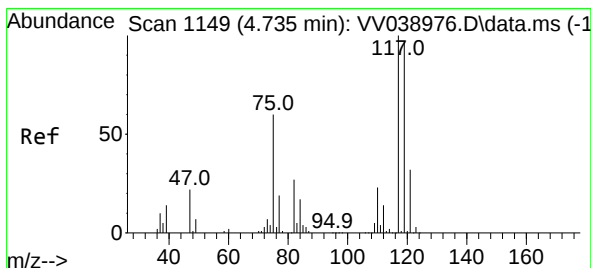
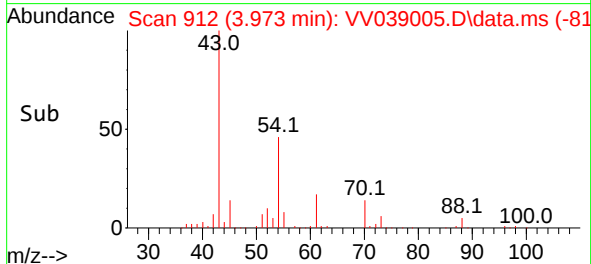
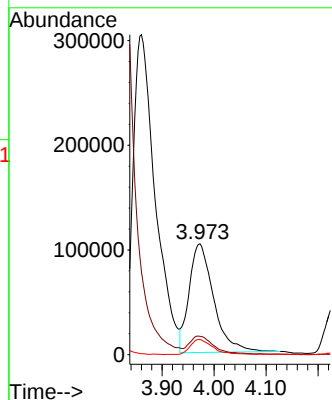
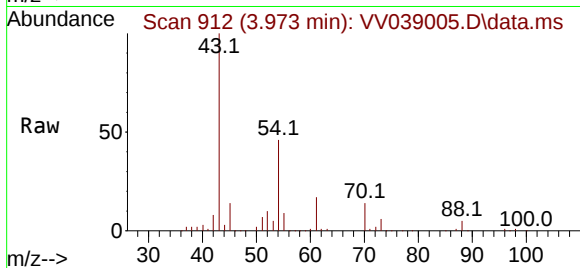




#37
Ethyl Acetate
Concen: 42.179 ug/l
RT: 3.973 min Scan# 911
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

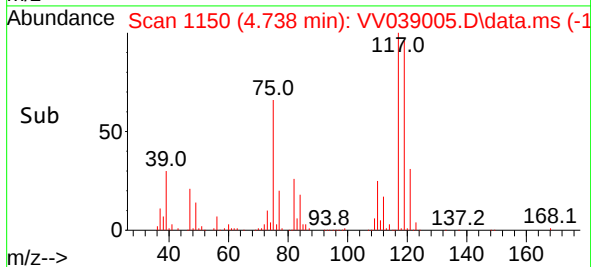
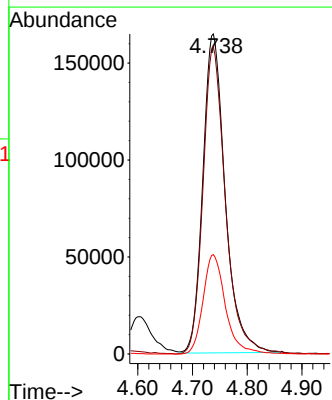
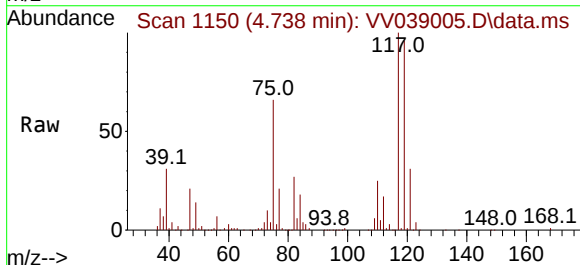
Instrument :
MSVOA_V
ClientSampleId :

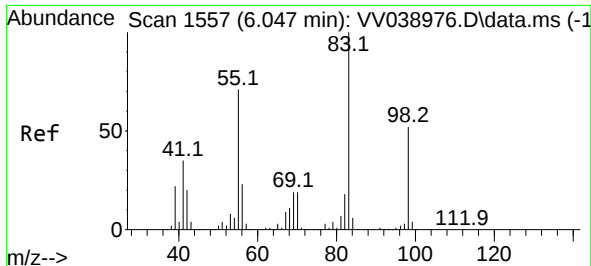
Tgt Ion: 43 Resp: 340498
Ion Ratio Lower Upper
43 100
61 16.0 12.6 19.0
70 12.6 10.2 15.4



#38
Carbon Tetrachloride
Concen: 42.166 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion: 117 Resp: 466553
Ion Ratio Lower Upper
117 100
119 96.4 77.1 115.7
121 31.2 25.4 38.2





#39

Methylcyclohexane

Concen: 45.158 ug/l

RT: 6.050 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

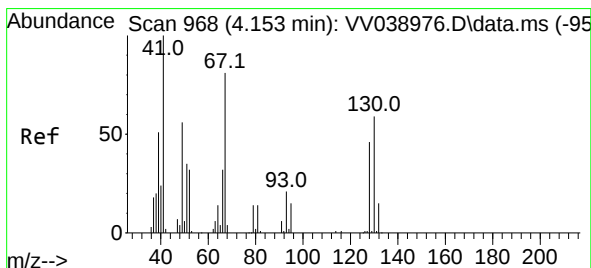
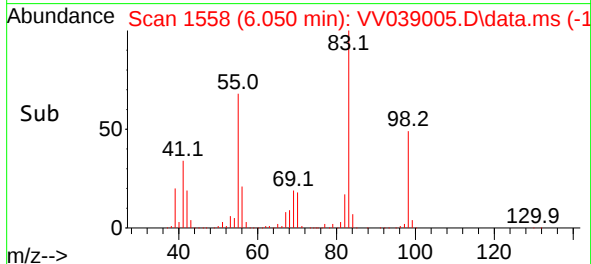
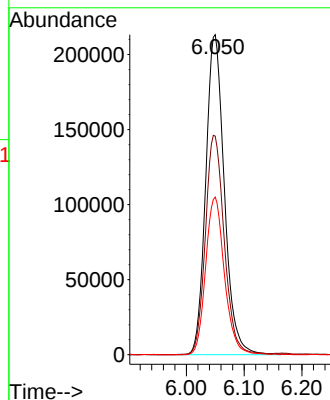
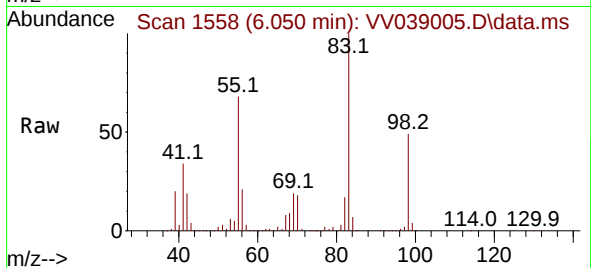
Tgt Ion: 83 Resp: 476755

Ion Ratio Lower Upper

83 100

55 68.2 57.0 85.6

98 49.3 41.3 61.9



#41

Methacrylonitrile

Concen: 52.193 ug/l

RT: 4.156 min Scan# 969

Delta R.T. 0.003 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Tgt Ion: 41 Resp: 158767

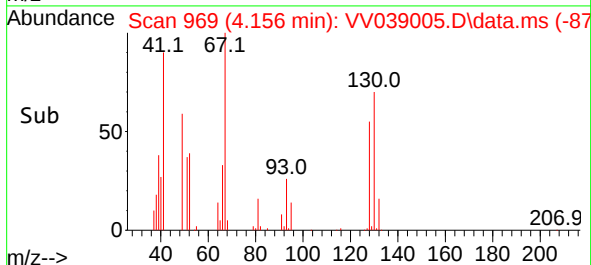
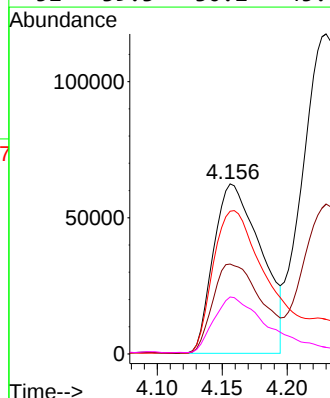
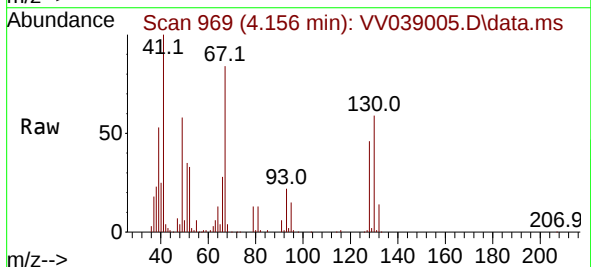
Ion Ratio Lower Upper

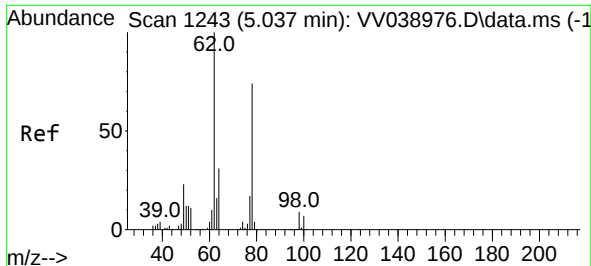
41 100

39 53.8 45.5 68.3

67 97.9 83.5 125.3

52 39.3 30.2 45.4





#42

1,2-Dichloroethane

Concen: 183.424 ug/l

RT: 5.031 min Scan# 1

Delta R.T. -0.007 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

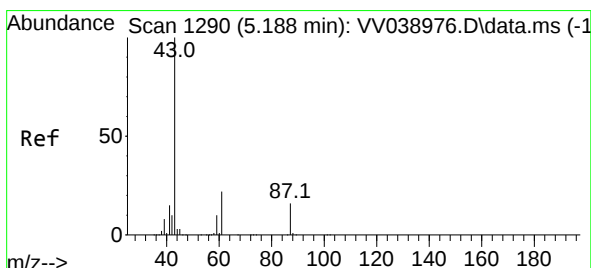
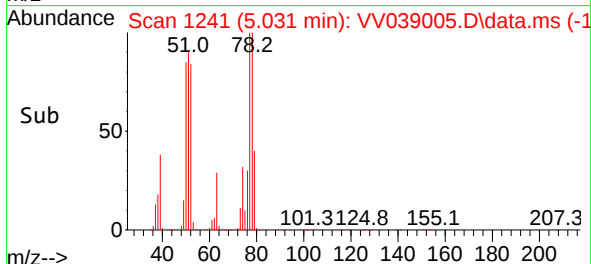
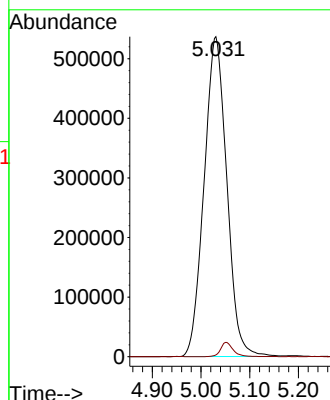
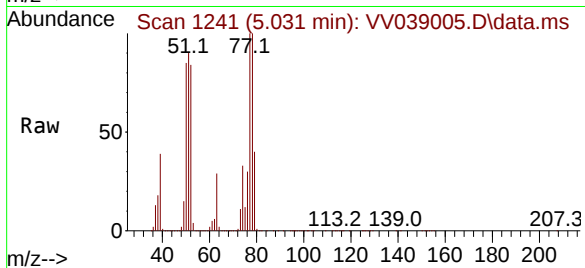
ClientSampleId :

Tgt Ion: 62 Resp: 1735360

Ion Ratio Lower Upper

62 100

98 2.5 0.0 19.2



#43

Isopropyl Acetate

Concen: 43.173 ug/l

RT: 5.191 min Scan# 1291

Delta R.T. 0.003 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

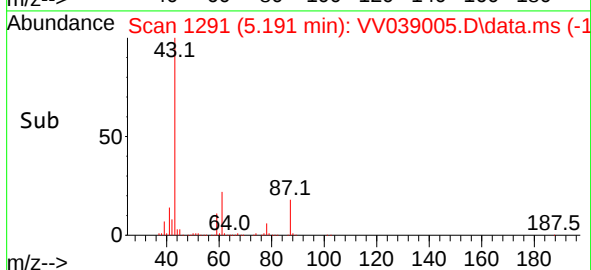
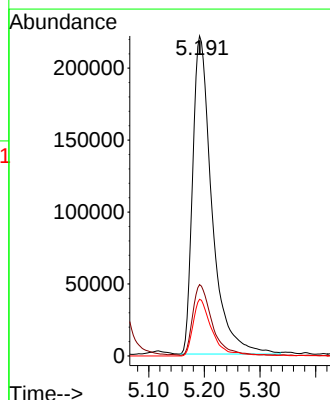
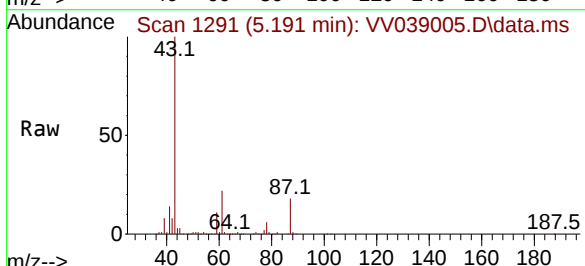
Tgt Ion: 43 Resp: 531788

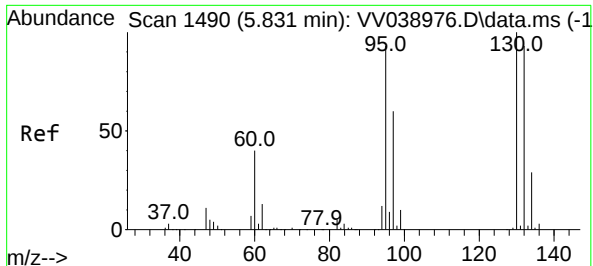
Ion Ratio Lower Upper

43 100

61 21.9 17.4 26.2

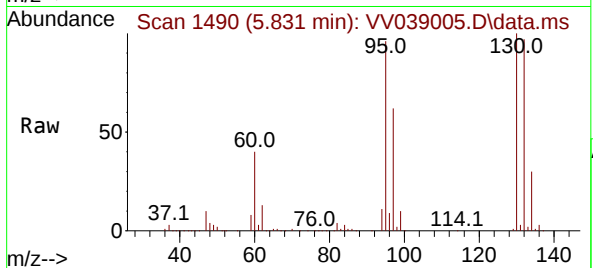
87 17.3 13.3 19.9



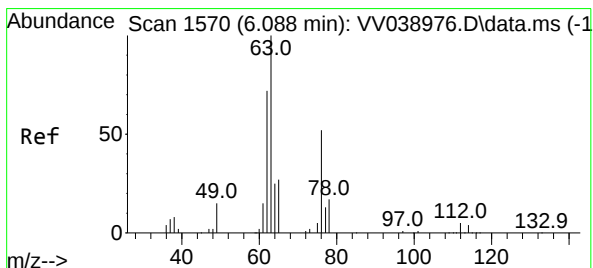
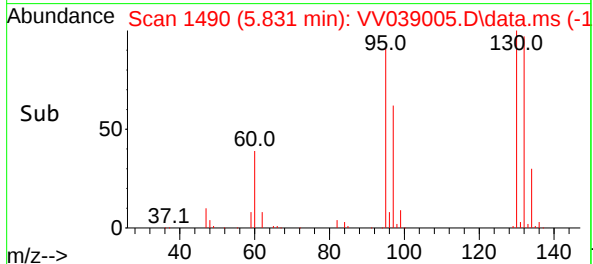
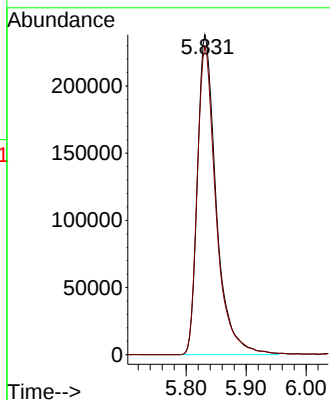


#44
Trichloroethene
Concen: 73.970 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Instrument :
MSVOA_V
ClientSampleId :

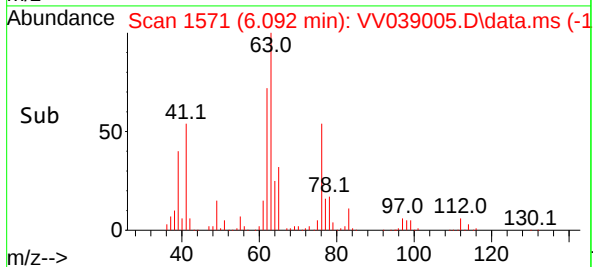
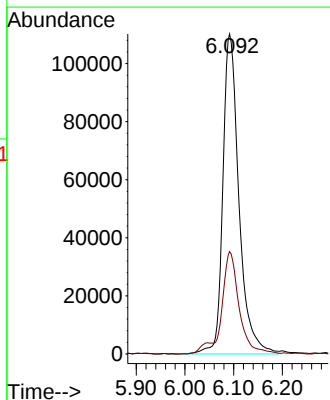
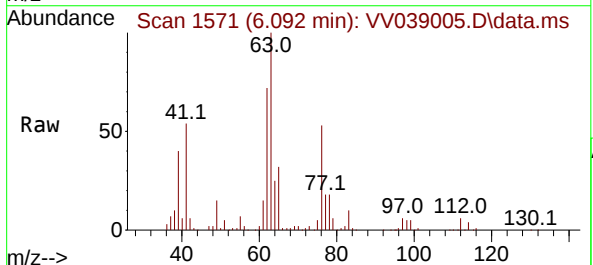


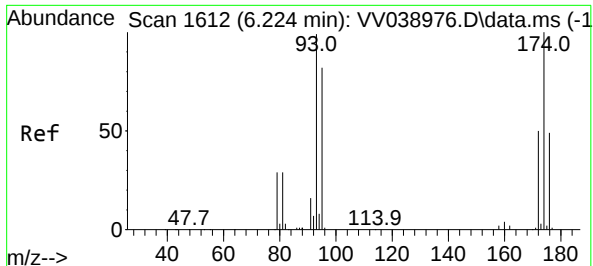
Tgt Ion:130 Resp: 519245
Ion Ratio Lower Upper
130 100
95 96.2 0.0 186.6



#45
1,2-Dichloropropane
Concen: 40.755 ug/l
RT: 6.092 min Scan# 1571
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion: 63 Resp: 252945
Ion Ratio Lower Upper
63 100
65 32.0 25.0 37.4

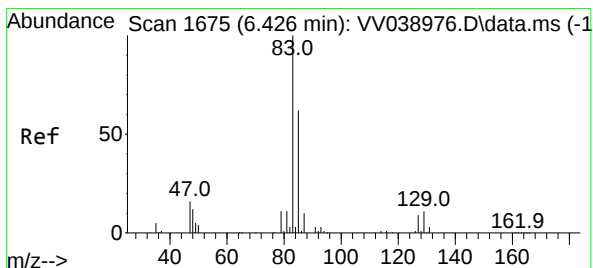
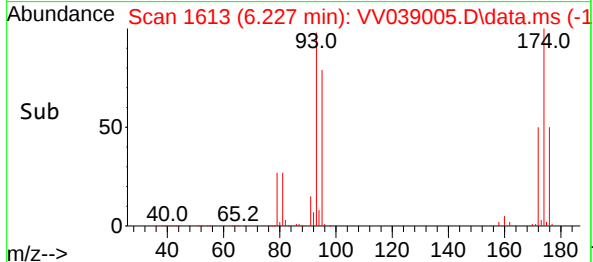
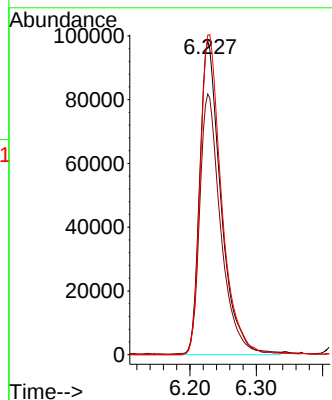
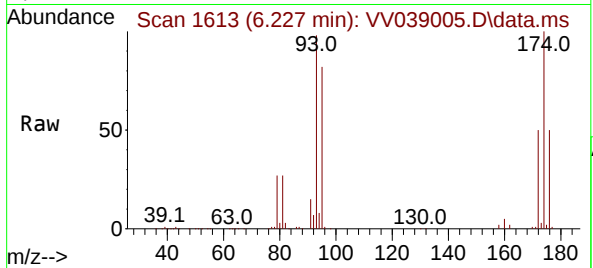




#46
Dibromomethane
Concen: 41.792 ug/l
RT: 6.227 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

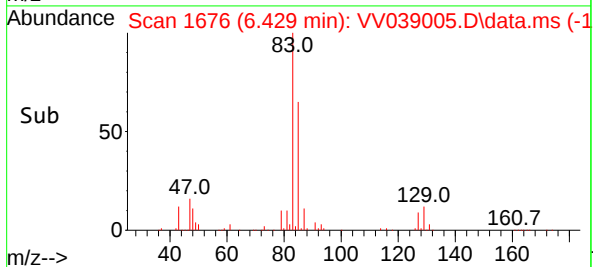
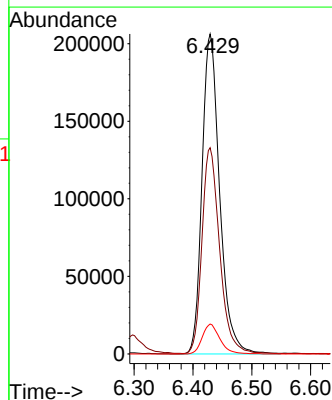
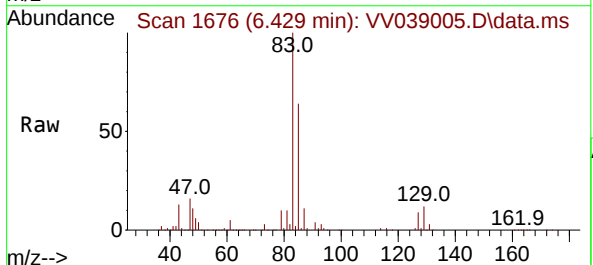
Instrument :
MSVOA_V
ClientSampleId :

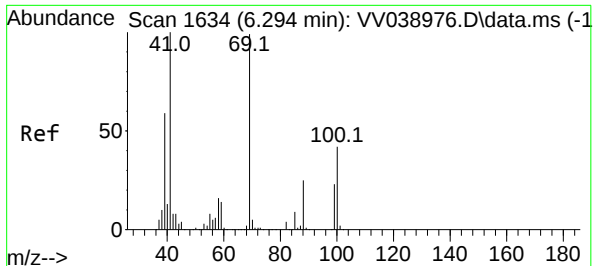
Tgt Ion: 93 Resp: 217643
Ion Ratio Lower Upper
93 100
95 81.7 66.4 99.6
174 103.3 79.7 119.5



#47
Bromodichloromethane
Concen: 40.551 ug/l
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion: 83 Resp: 429789
Ion Ratio Lower Upper
83 100
85 64.3 49.6 74.4
127 9.3 6.9 10.3





#48

Methyl methacrylate

Concen: 47.883 ug/l

RT: 6.297 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

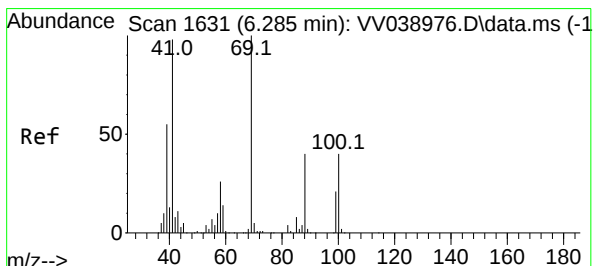
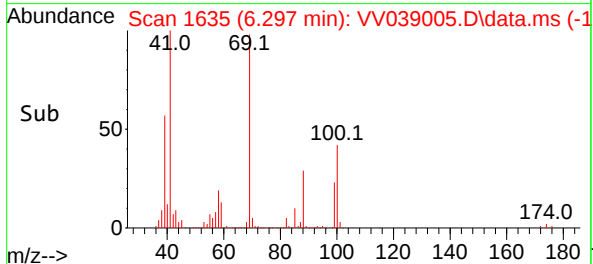
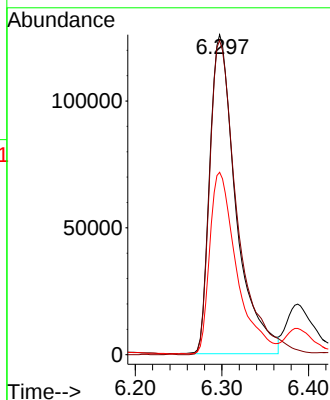
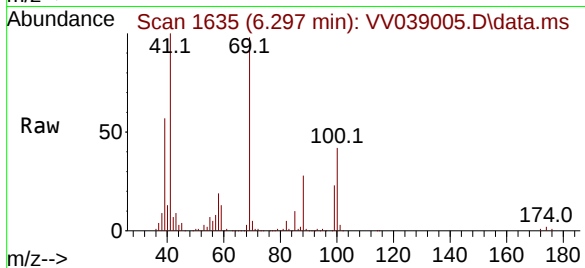
Tgt Ion: 41 Resp: 264389

Ion Ratio Lower Upper

41 100

69 103.3 82.5 123.7

39 58.1 46.6 69.8



#49

1,4-Dioxane

Concen: 1109.594 ug/l

RT: 6.291 min Scan# 1633

Delta R.T. 0.006 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

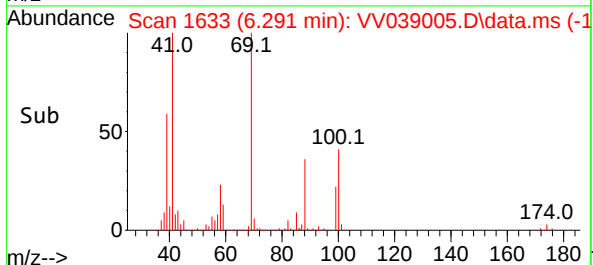
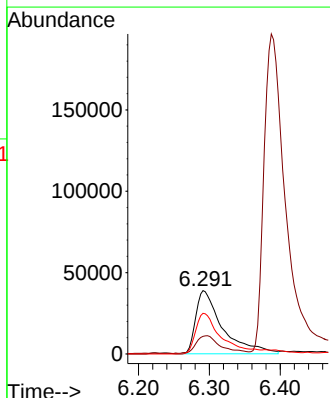
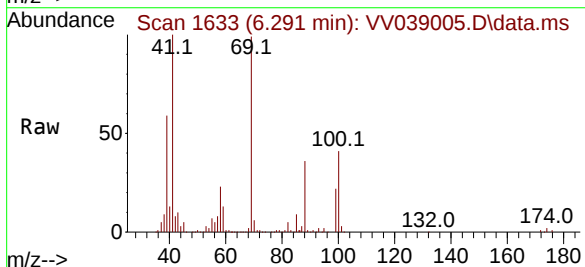
Tgt Ion: 88 Resp: 102442

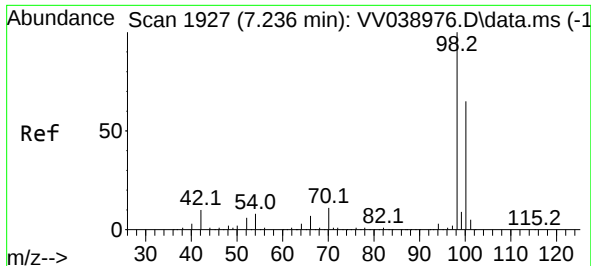
Ion Ratio Lower Upper

88 100

43 25.4 24.6 36.8

58 60.7 51.8 77.6

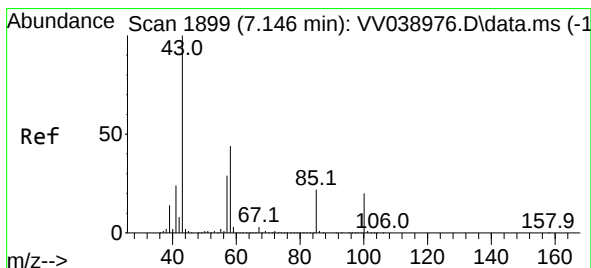
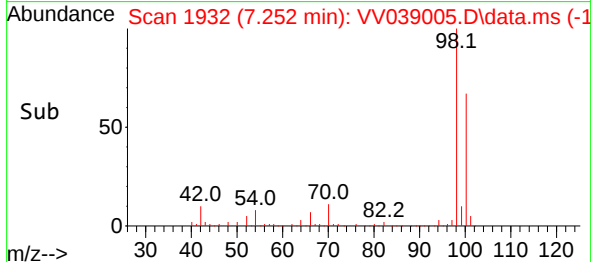
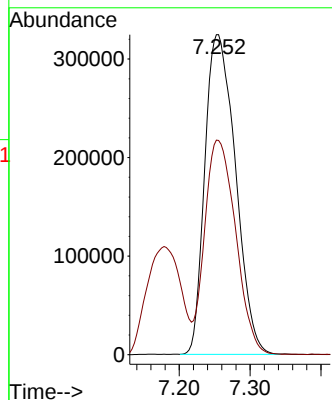
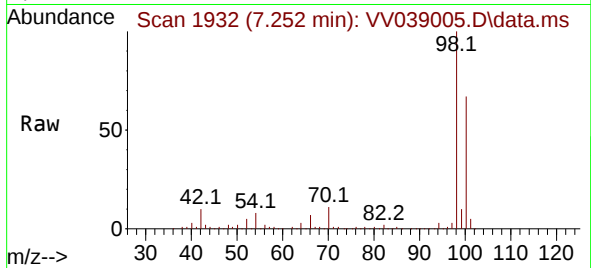




#50
Toluene-d8
Concen: 43.874 ug/l
RT: 7.252 min Scan# 1927
Delta R.T. 0.016 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

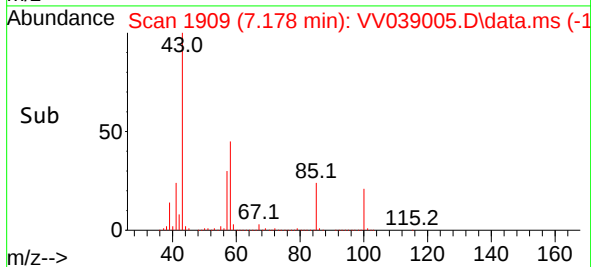
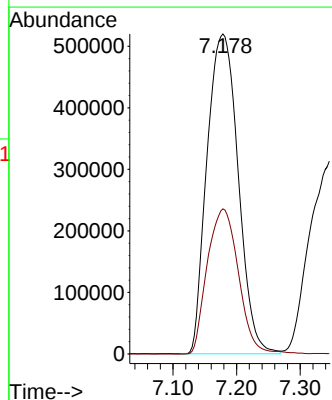
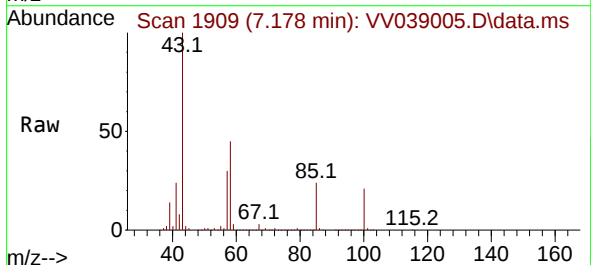
Instrument :
MSVOA_V
ClientSampleId :

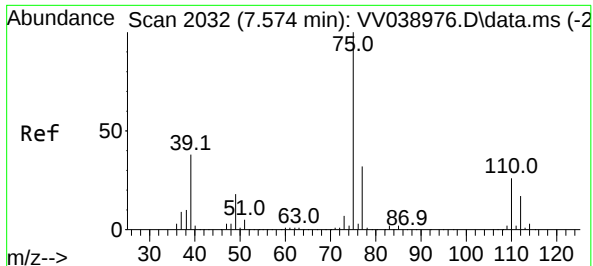
Tgt Ion: 98 Resp: 973361
Ion Ratio Lower Upper
98 100
100 68.0 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 219.109 ug/l
RT: 7.178 min Scan# 1909
Delta R.T. 0.032 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion: 43 Resp: 1772089
Ion Ratio Lower Upper
43 100
58 45.4 34.6 51.8





#53

t-1,3-Dichloropropene

Concen: 41.009 ug/l

RT: 7.580 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

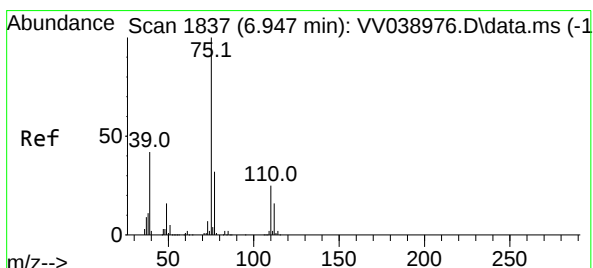
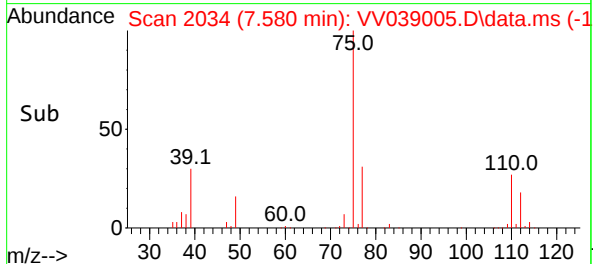
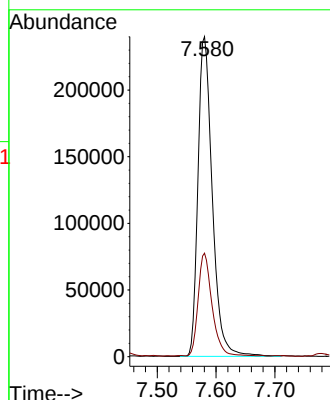
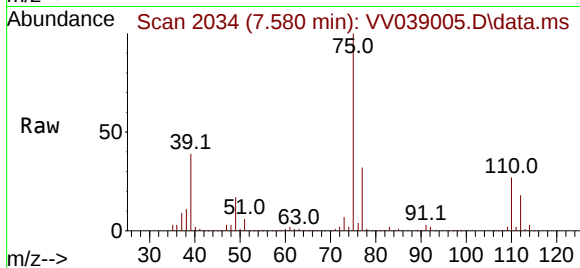
ClientSampleId :

Tgt Ion: 75 Resp: 406327

Ion Ratio Lower Upper

75 100

77 32.1 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 42.648 ug/l

RT: 6.953 min Scan# 1839

Delta R.T. 0.006 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

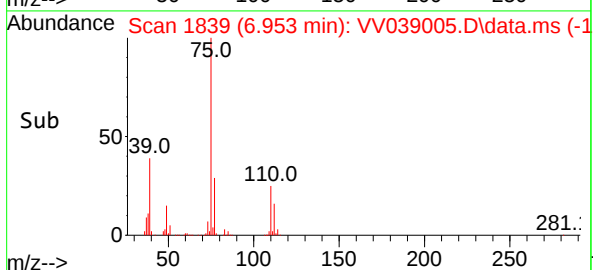
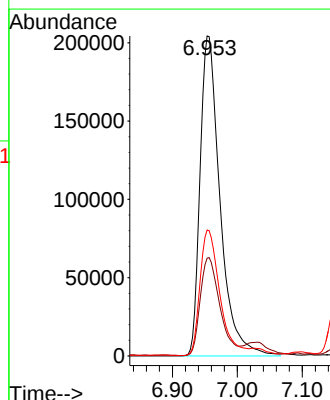
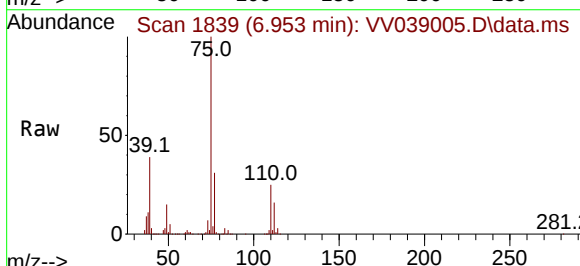
Tgt Ion: 75 Resp: 437820

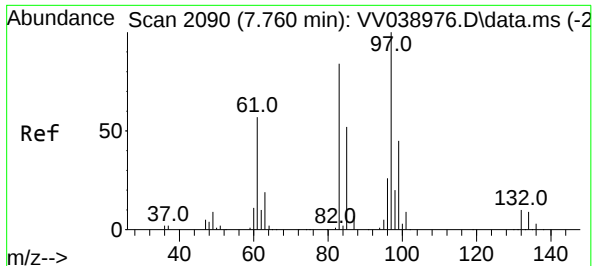
Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4

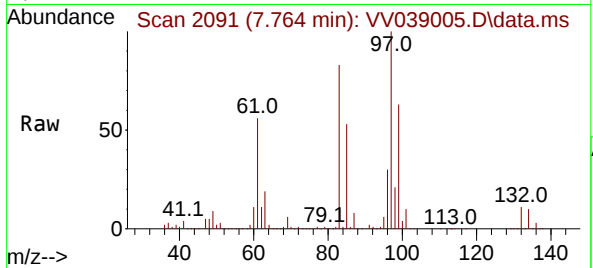
39 39.2 33.3 49.9



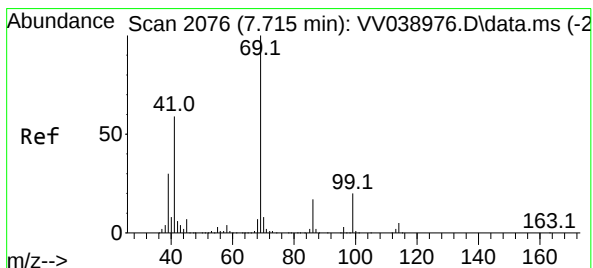
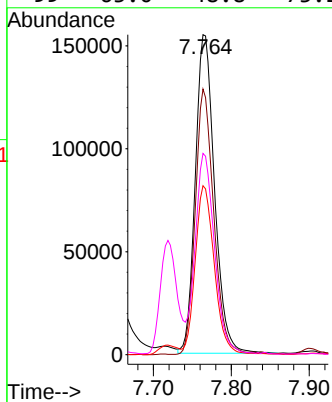
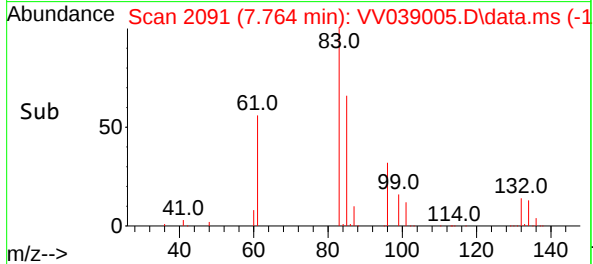


#55
1,1,2-Trichloroethane
Concen: 37.164 ug/l
RT: 7.764 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

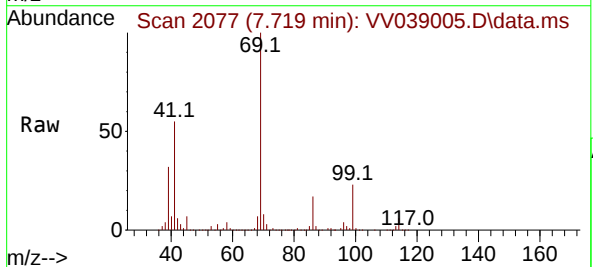
Instrument :
MSVOA_V
ClientSampleId :



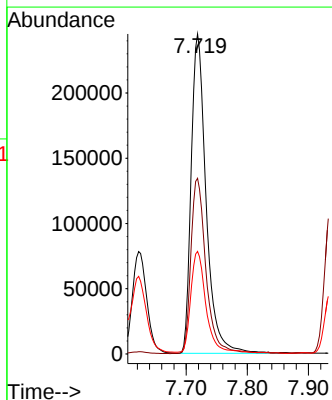
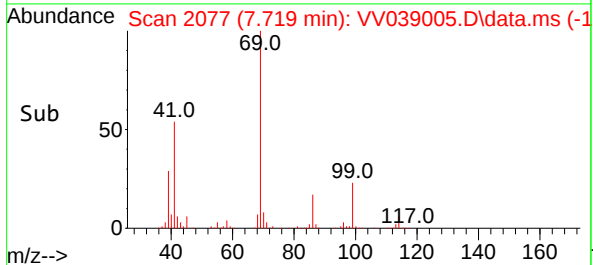
Tgt Ion:	97	Resp:	265575
Ion	Ratio	Lower	Upper
97	100		
83	83.2	67.2	100.8
85	52.8	42.7	64.1
99	63.0	48.8	73.2

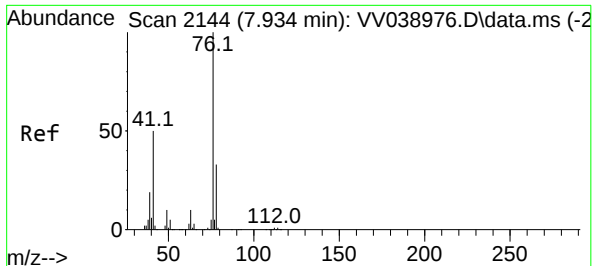


#56
Ethyl methacrylate
Concen: 38.555 ug/l
RT: 7.719 min Scan# 2077
Delta R.T. 0.004 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20



Tgt Ion:	69	Resp:	416515
Ion	Ratio	Lower	Upper
69	100		
41	55.3	47.5	71.3
39	31.8	24.2	36.2

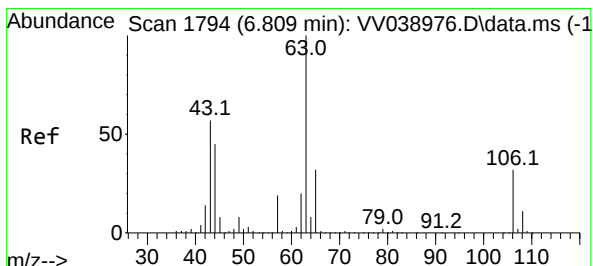
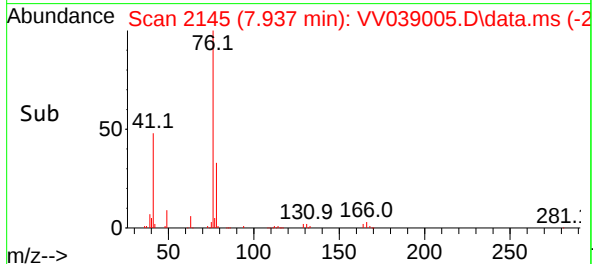
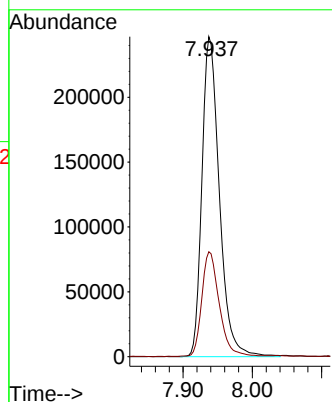
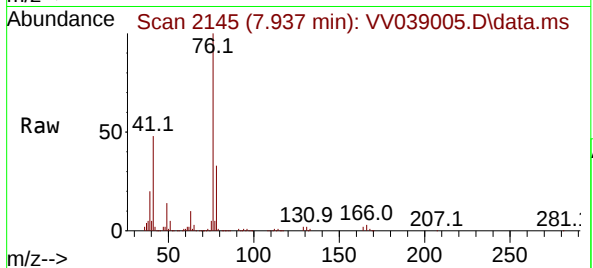




#57
 1,3-Dichloropropane
 Concen: 38.717 ug/l
 RT: 7.937 min Scan# 2145
 Delta R.T. 0.003 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

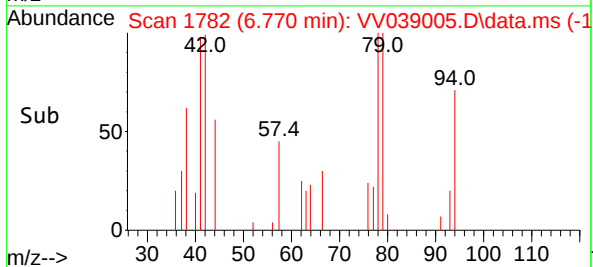
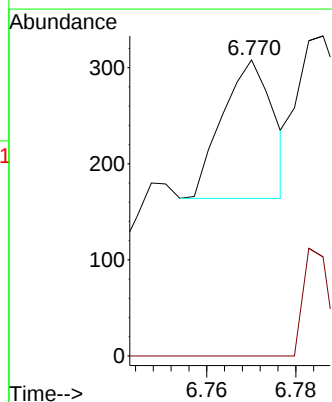
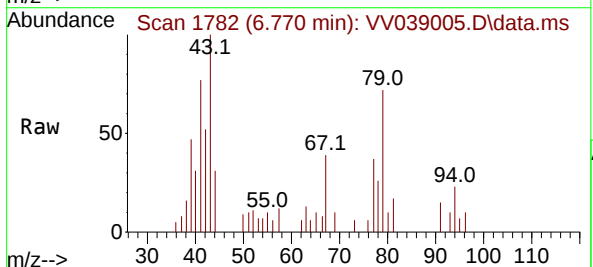
Instrument :
 MSVOA_V
 ClientSampleId :

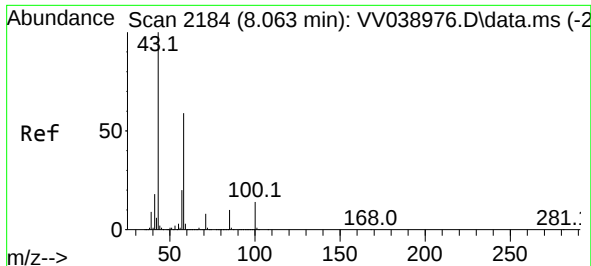
Tgt Ion: 76 Resp: 431420
 Ion Ratio Lower Upper
 76 100
 78 32.5 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 5.008 ug/l
 RT: 6.770 min Scan# 1782
 Delta R.T. -0.039 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

Tgt Ion: 63 Resp: 114
 Ion Ratio Lower Upper
 63 100
 106 36.0 25.6 38.4





#59

2-Hexanone

Concen: 160.267 ug/l

RT: 8.066 min Scan# 2184

Delta R.T. 0.003 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

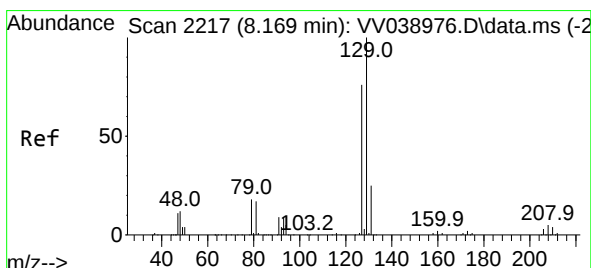
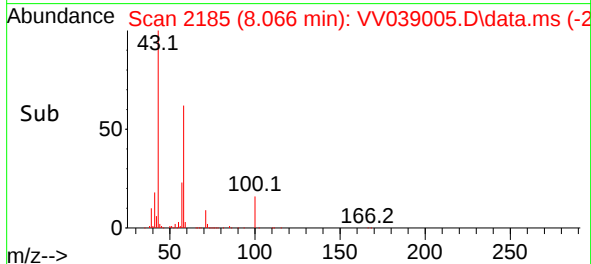
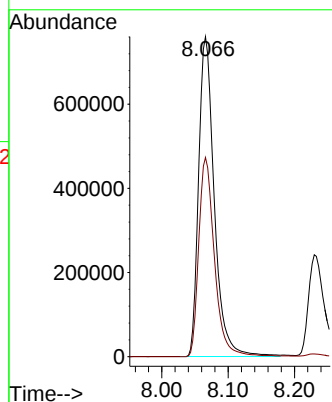
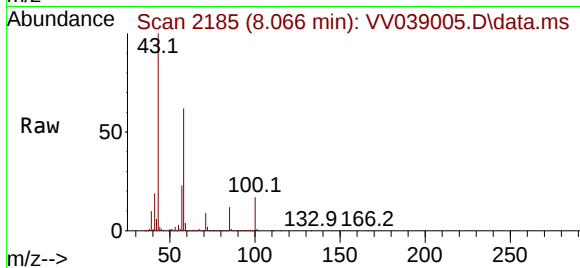
ClientSampleId :

Tgt Ion: 43 Resp: 1247929

Ion Ratio Lower Upper

43 100

58 62.3 29.8 89.4



#60

Dibromochloromethane

Concen: 38.729 ug/l

RT: 8.172 min Scan# 2218

Delta R.T. 0.003 min

Lab File: VV039005.D

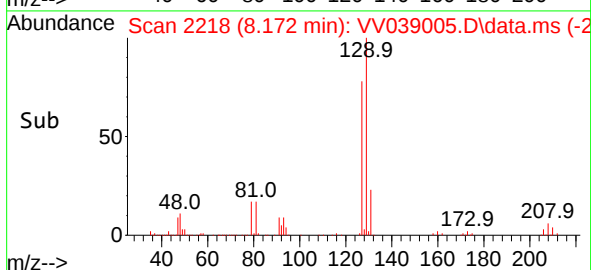
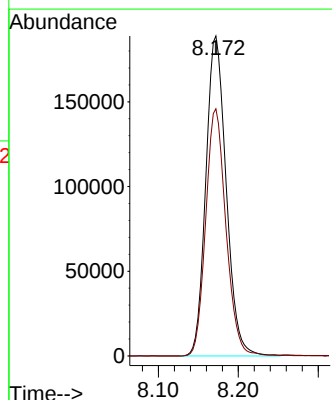
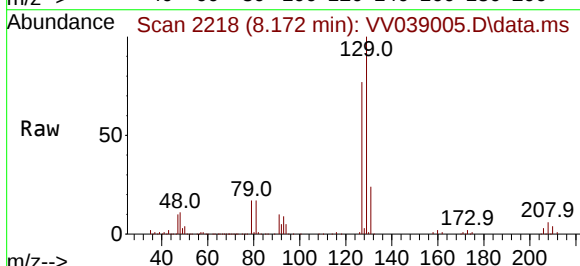
Acq: 22 Aug 2025 00:20

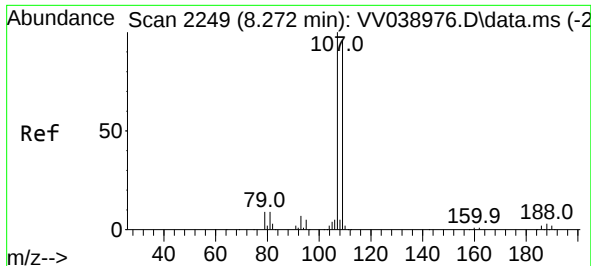
Tgt Ion:129 Resp: 334184

Ion Ratio Lower Upper

129 100

127 76.9 38.4 115.1

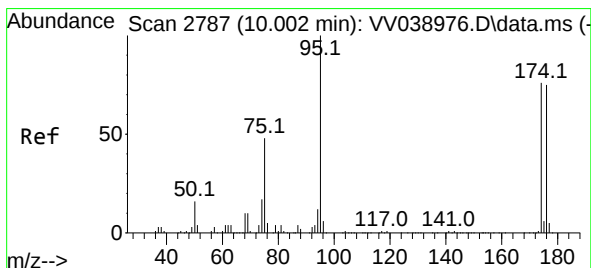
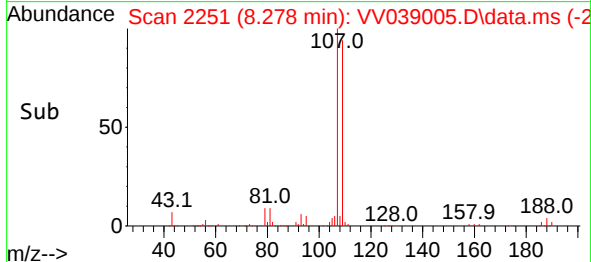
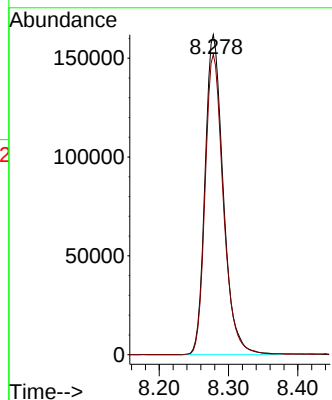
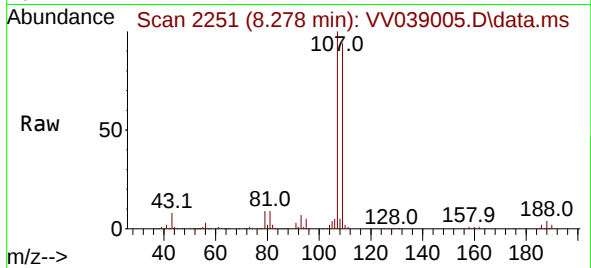




#61
 1,2-Dibromoethane
 Concen: 39.881 ug/l
 RT: 8.278 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

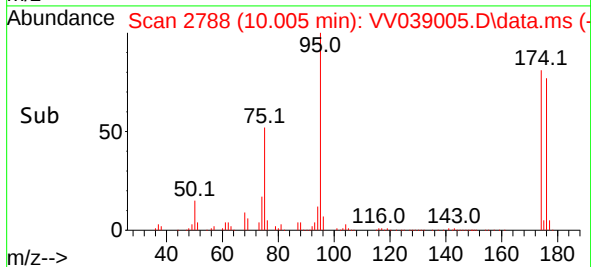
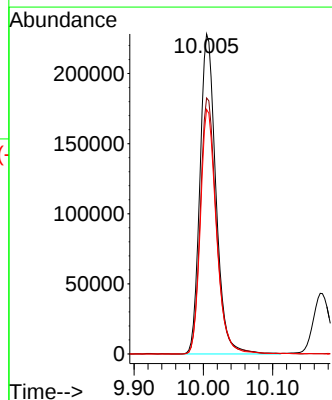
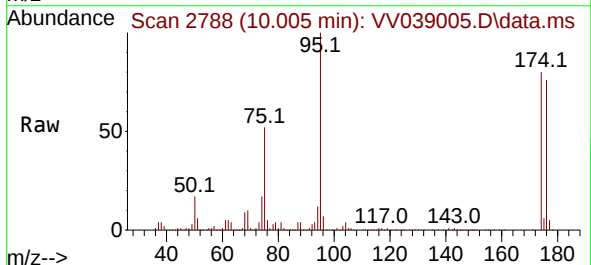
Instrument :
 MSVOA_V
 ClientSampleId :

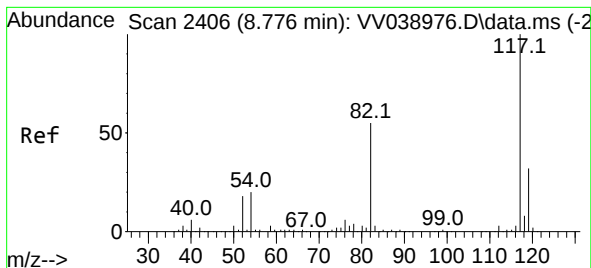
Tgt Ion:107 Resp: 295667
 Ion Ratio Lower Upper
 107 100
 109 94.0 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 45.005 ug/l
 RT: 10.005 min Scan# 2788
 Delta R.T. 0.003 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

Tgt Ion: 95 Resp: 365259
 Ion Ratio Lower Upper
 95 100
 174 80.6 0.0 154.4
 176 76.7 0.0 148.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.780 min Scan# 2406

Delta R.T. 0.004 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

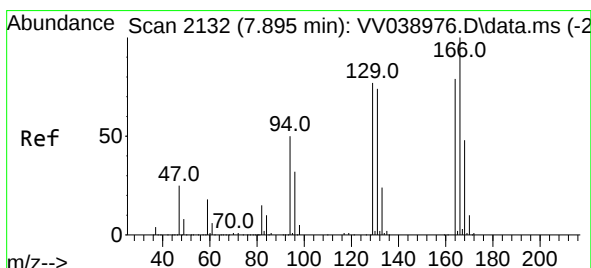
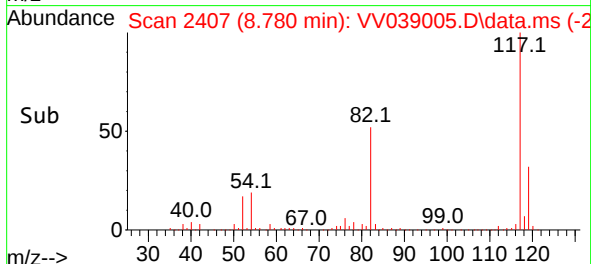
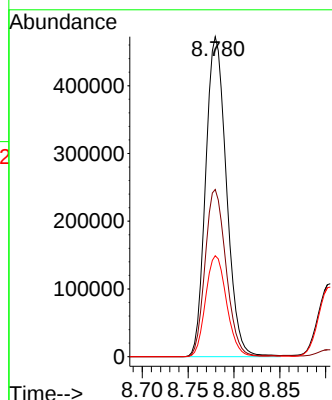
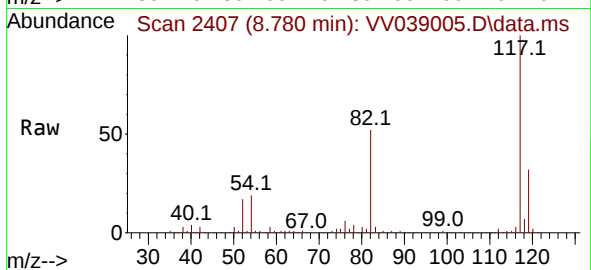
Tgt Ion:117 Resp: 744435

Ion Ratio Lower Upper

117 100

82 52.2 44.4 66.6

119 31.6 26.0 39.0



#64

Tetrachloroethene

Concen: 43.690 ug/l

RT: 7.902 min Scan# 2134

Delta R.T. 0.006 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Tgt Ion:164 Resp: 242011

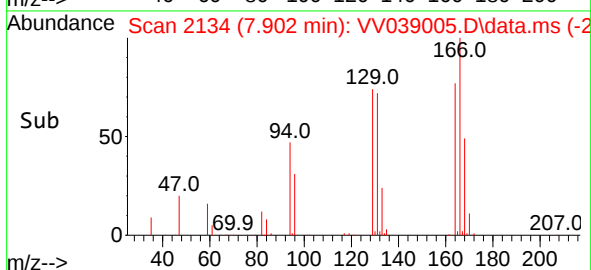
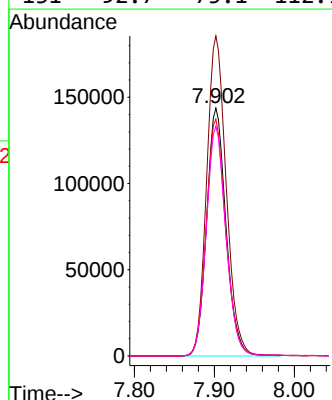
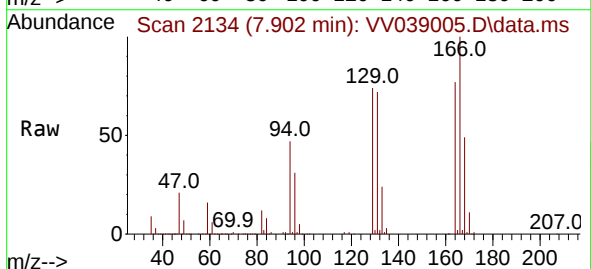
Ion Ratio Lower Upper

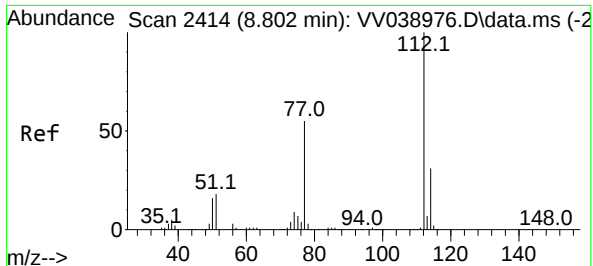
164 100

166 129.1 101.8 152.6

129 95.5 78.7 118.1

131 92.7 75.1 112.7

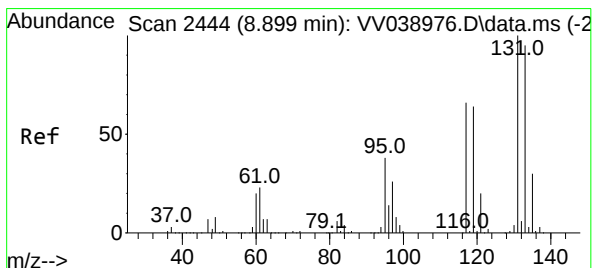
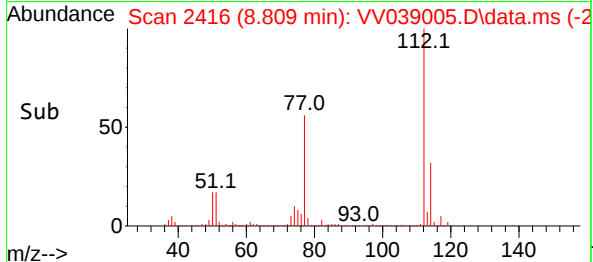
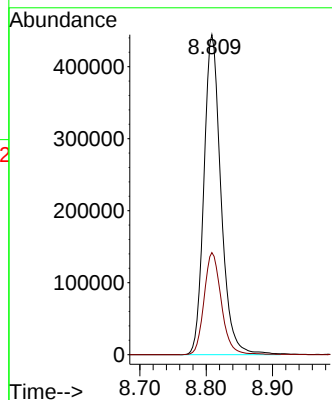
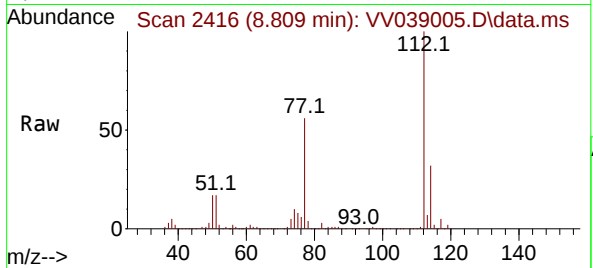




#65
Chlorobenzene
Concen: 44.220 ug/l
RT: 8.809 min Scan# 2414
Delta R.T. 0.006 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

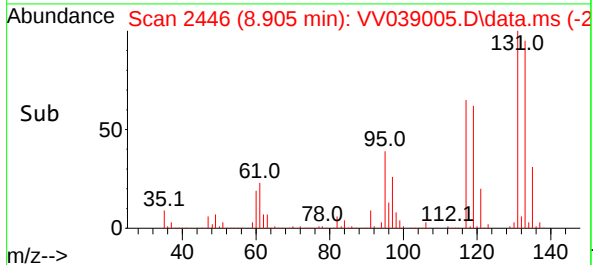
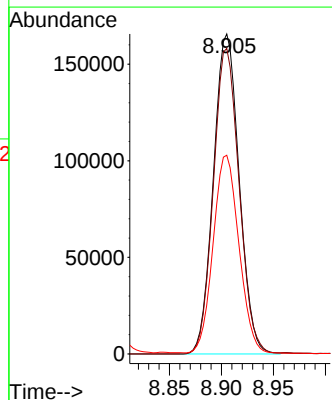
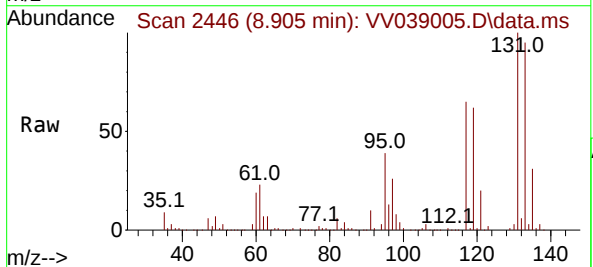
Instrument :
MSVOA_V
ClientSampleId :

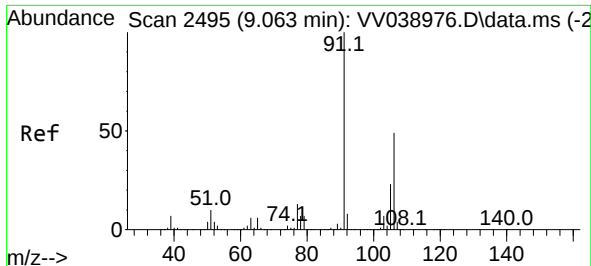
Tgt Ion:112 Resp: 793712
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 44.354 ug/l
RT: 8.905 min Scan# 2446
Delta R.T. 0.006 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion:131 Resp: 285787
Ion Ratio Lower Upper
131 100
133 95.8 47.6 142.9
119 61.9 32.1 96.3

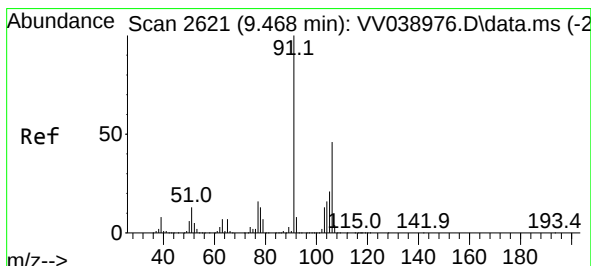
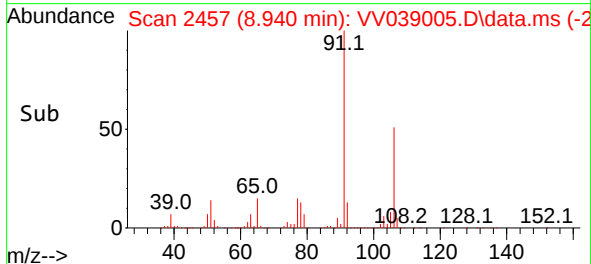
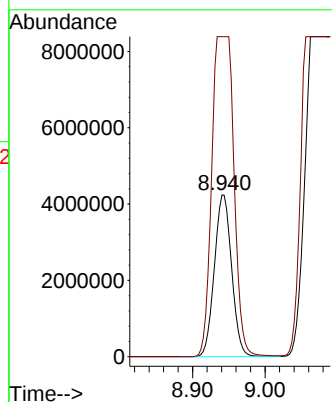
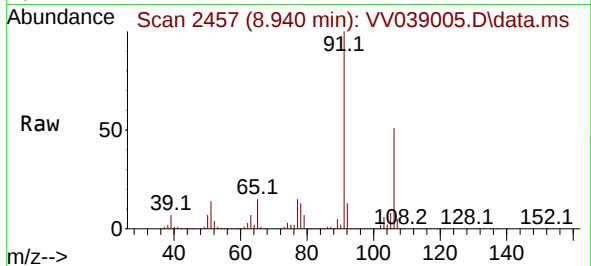




#68
m/p-Xylenes
Concen: 659.177 ug/l
RT: 8.940 min Scan# 2495
Delta R.T. -0.122 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

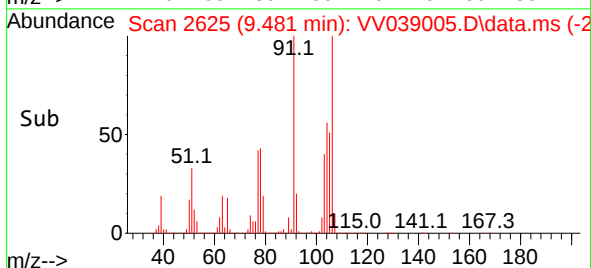
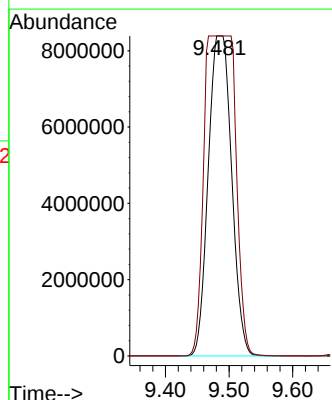
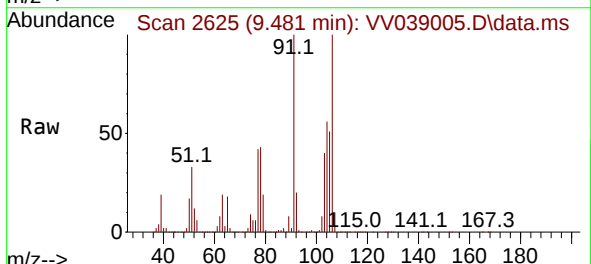
Instrument :
MSVOA_V
ClientSampleId :

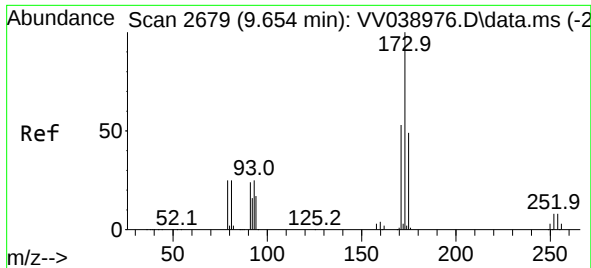
Tgt Ion:106 Resp: 7014820
Ion Ratio Lower Upper
106 100
91 0.0 163.6 245.4#



#69
o-Xylene
Concen: 2202.040 ug/l
RT: 9.481 min Scan# 2625
Delta R.T. 0.013 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

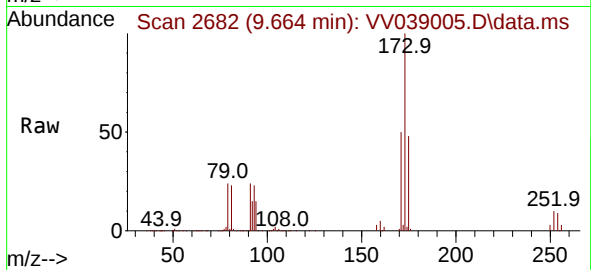
Tgt Ion:106 Resp:21358696
Ion Ratio Lower Upper
106 100
91 0.0 108.0 324.0#



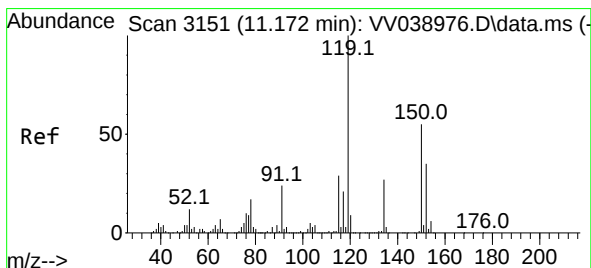
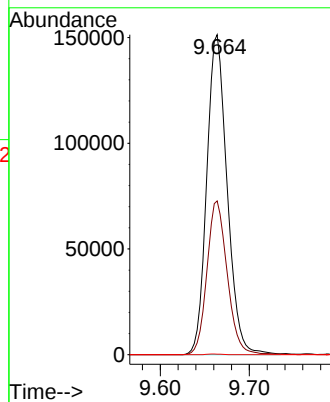
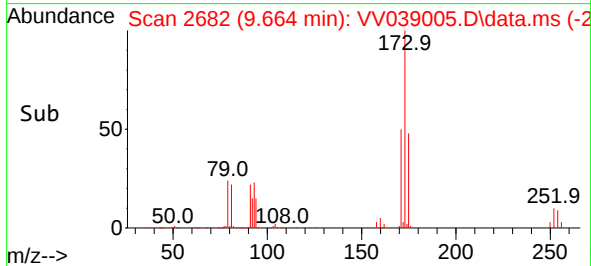


#71
Bromoform
Concen: 45.364 ug/l
RT: 9.664 min Scan# 20
Delta R.T. 0.010 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Instrument :
MSVOA_V
ClientSampleId :

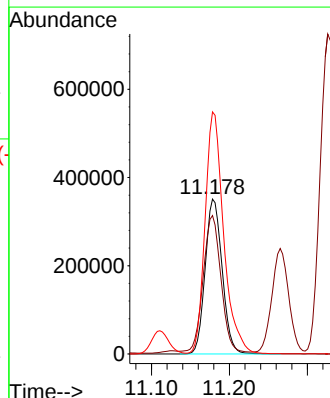
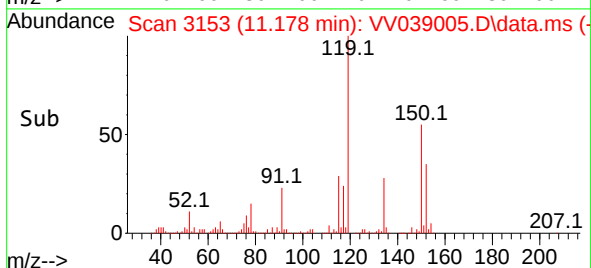
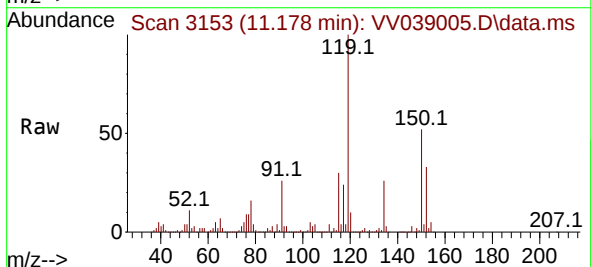


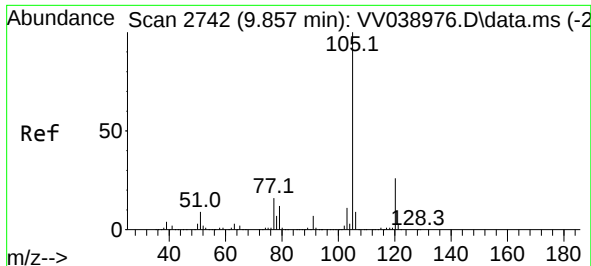
Tgt Ion:173 Resp: 240829
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.6
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.178 min Scan# 3153
Delta R.T. 0.006 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion:152 Resp: 531973
Ion Ratio Lower Upper
152 100
115 91.3 42.5 127.5
150 171.1 0.0 344.8

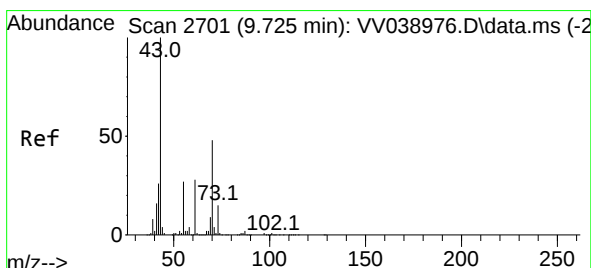
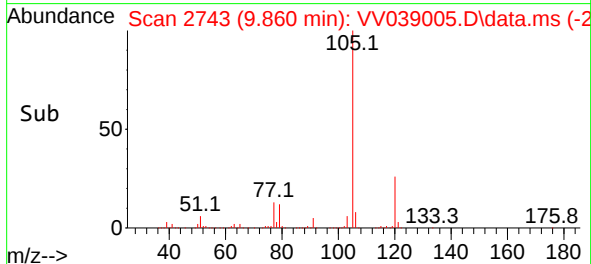
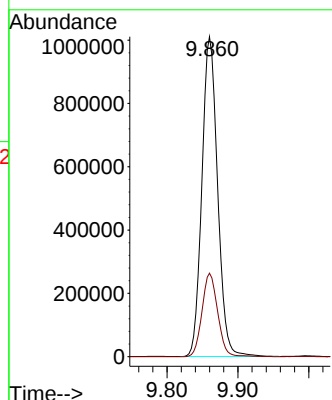
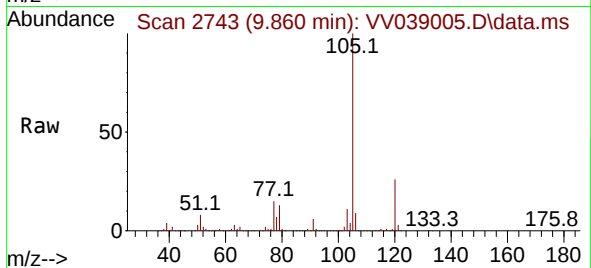




#73
Isopropylbenzene
Concen: 43.586 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

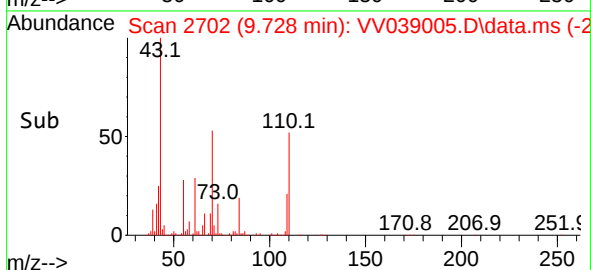
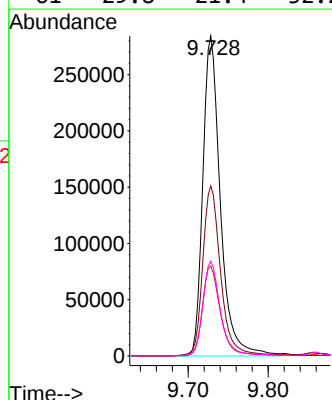
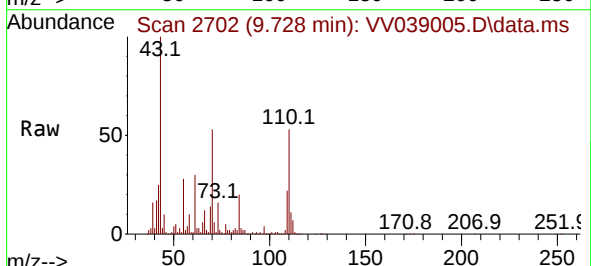
Instrument :
MSVOA_V
ClientSampleId :

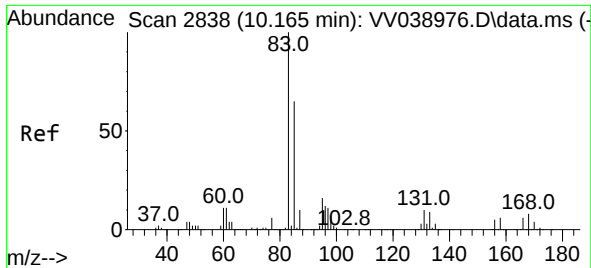
Tgt Ion:105 Resp: 1555867
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1



#74
N-ethyl acetate
Concen: 33.245 ug/l
RT: 9.728 min Scan# 2702
Delta R.T. 0.003 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion: 43 Resp: 434797
Ion Ratio Lower Upper
43 100
70 54.7 38.3 57.5
55 28.6 21.6 32.4
61 29.8 21.4 32.2

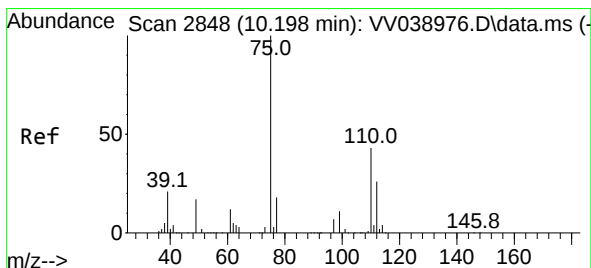
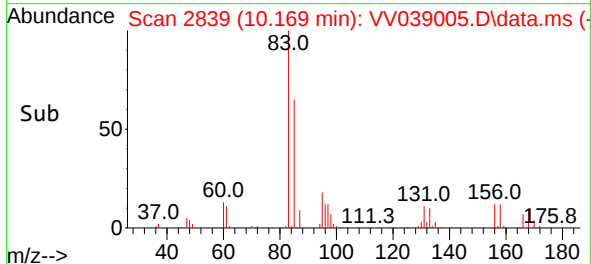
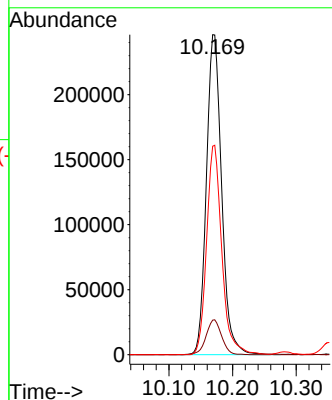
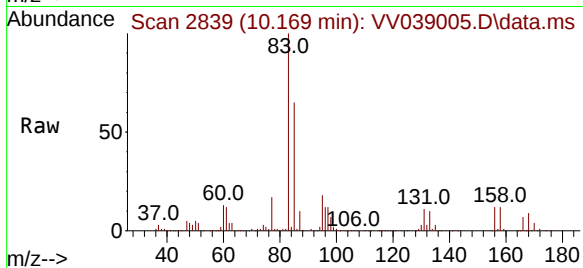




#75
 1,1,2,2-Tetrachloroethane
 Concen: 28.872 ug/l
 RT: 10.169 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

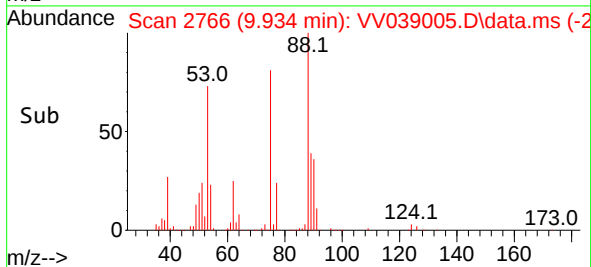
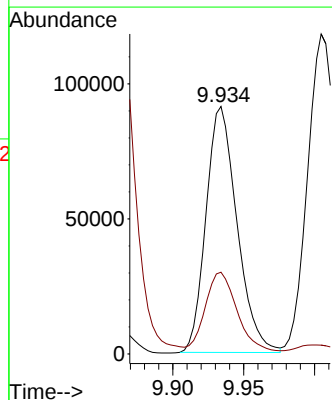
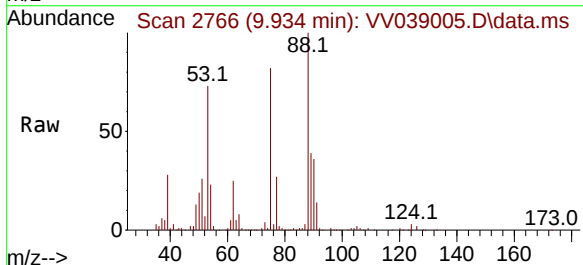
Instrument :
 MSVOA_V
 ClientSampleId :

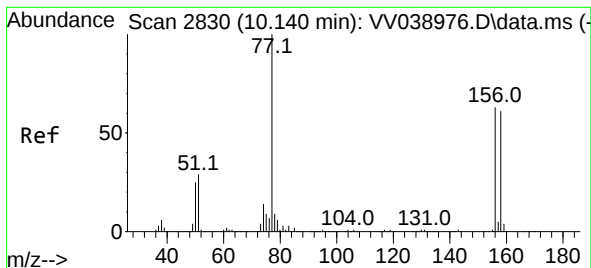
Tgt Ion: 83 Resp: 409312
 Ion Ratio Lower Upper
 83 100
 131 11.1 5.3 15.9
 85 65.3 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 14.060 ug/l
 RT: 9.934 min Scan# 2766
 Delta R.T. -0.264 min
 Lab File: VV039005.D
 Acq: 22 Aug 2025 00:20

Tgt Ion: 75 Resp: 138732
 Ion Ratio Lower Upper
 75 100
 77 31.9 11.3 33.8





#77

Bromobenzene

Concen: 36.789 ug/l

RT: 10.143 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

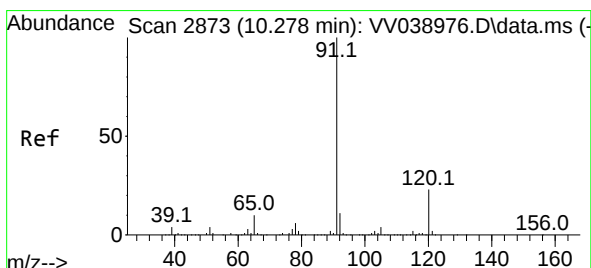
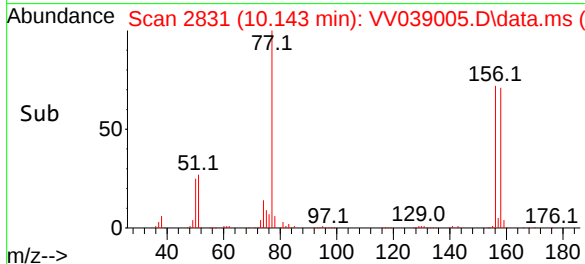
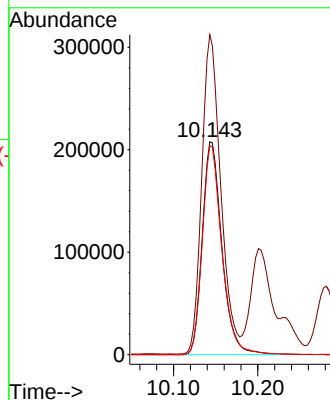
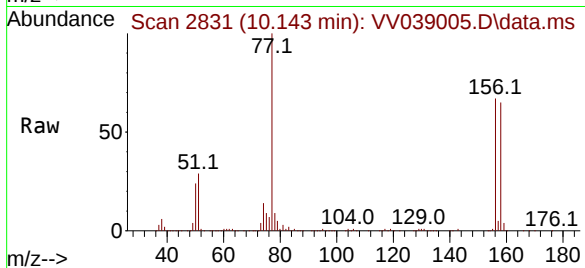
Tgt Ion:156 Resp: 337419

Ion Ratio Lower Upper

156 100

77 144.4 79.0 237.0

158 97.8 48.6 145.9



#78

n-propylbenzene

Concen: 58.905 ug/l

RT: 10.281 min Scan# 2874

Delta R.T. 0.003 min

Lab File: VV039005.D

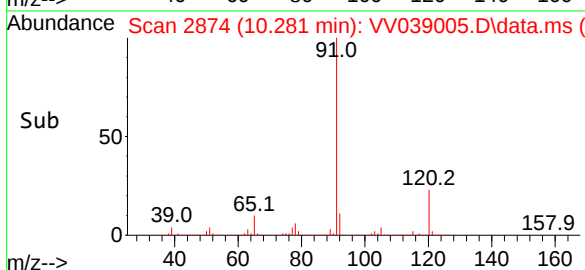
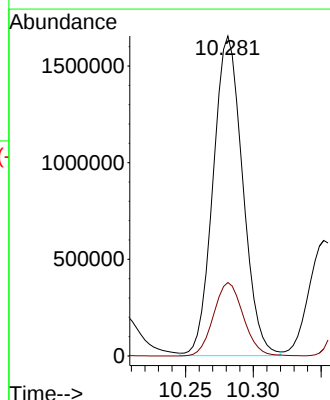
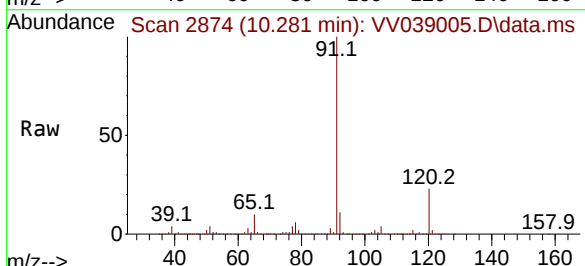
Acq: 22 Aug 2025 00:20

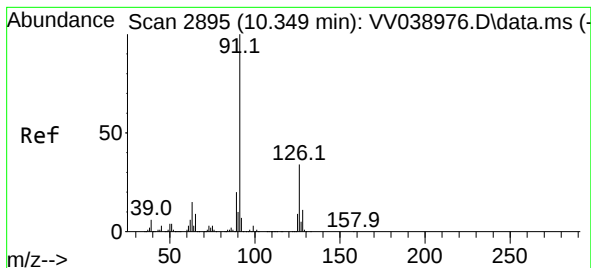
Tgt Ion: 91 Resp: 2510535

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 70.201 ug/l

RT: 10.352 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

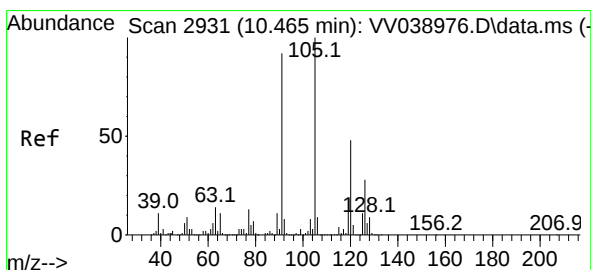
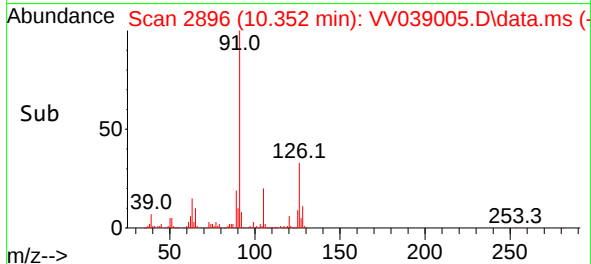
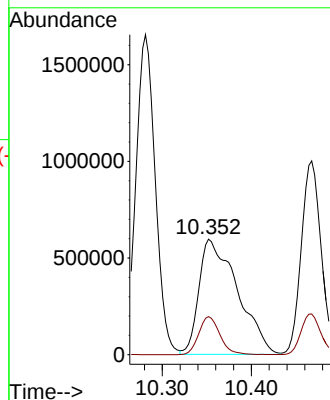
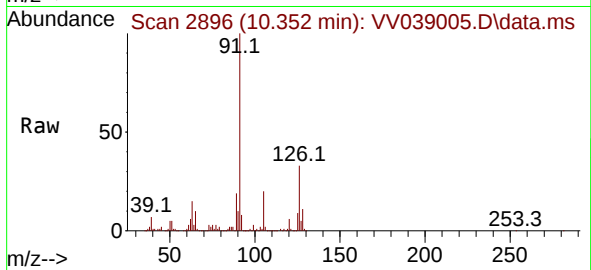
ClientSampleId :

Tgt Ion: 91 Resp: 1796442

Ion Ratio Lower Upper

91 100

126 18.2 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 176.987 ug/l

RT: 10.468 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV039005.D

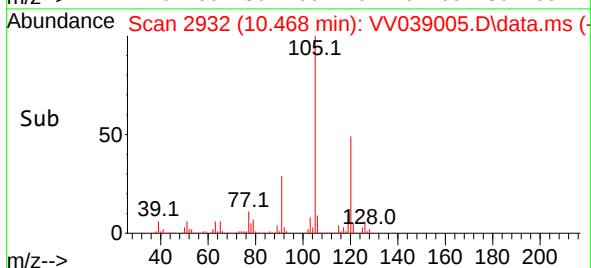
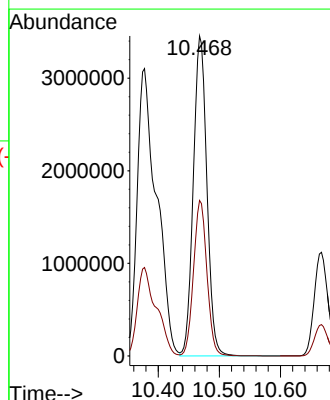
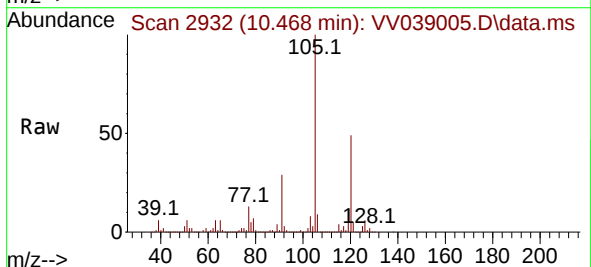
Acq: 22 Aug 2025 00:20

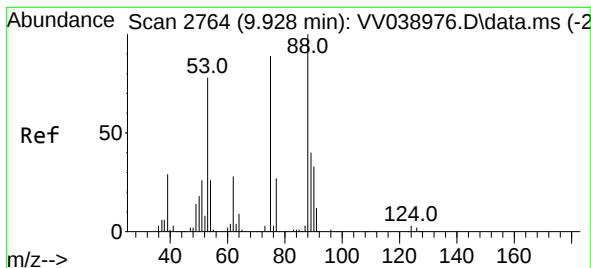
Tgt Ion:105 Resp: 5316872

Ion Ratio Lower Upper

105 100

120 48.0 23.9 71.7

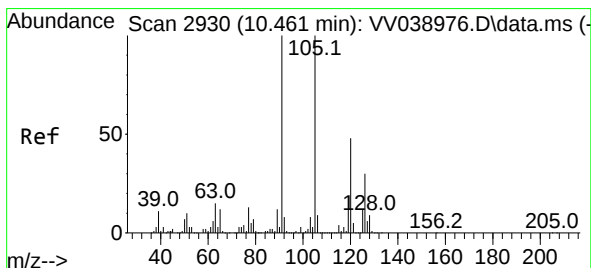
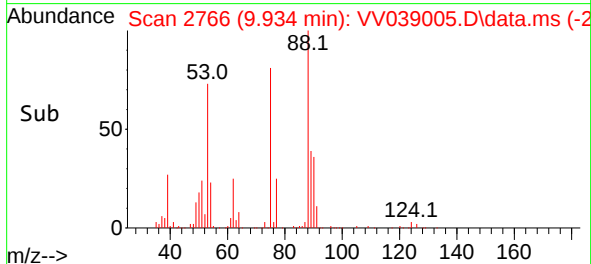
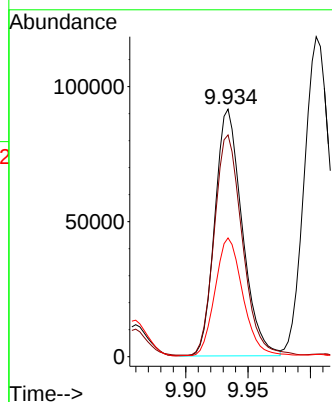
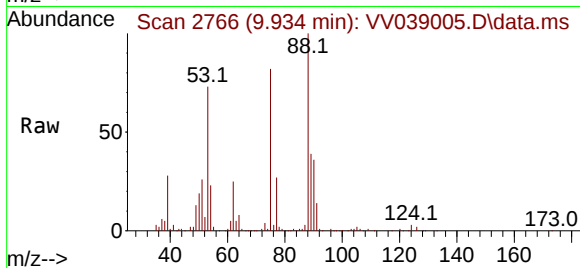




#81
trans-1,4-Dichloro-2-butene
Concen: 32.569 ug/l
RT: 9.934 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

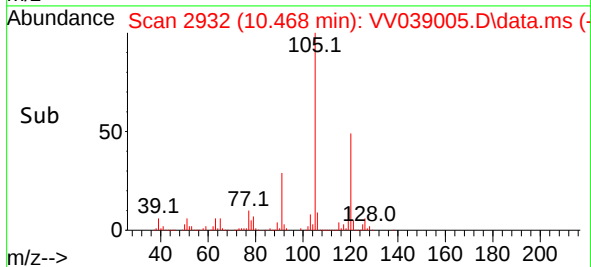
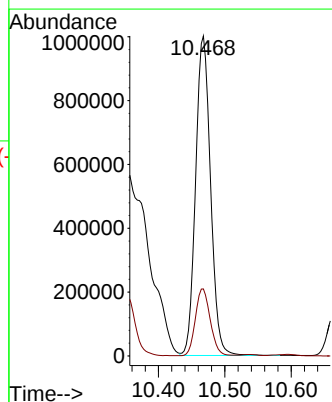
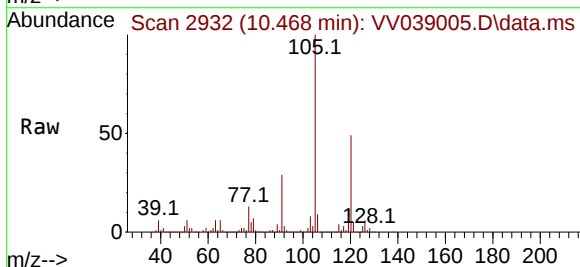
Instrument :
MSVOA_V
ClientSampleId :

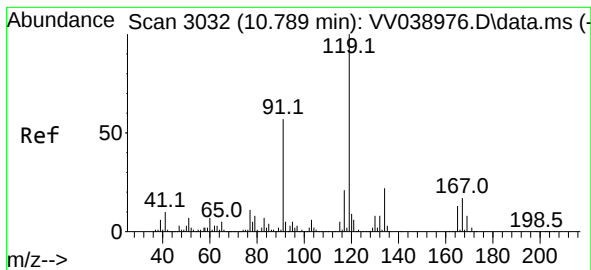
Tgt Ion: 75 Resp: 139975
Ion Ratio Lower Upper
75 100
53 91.2 70.3 105.5
89 48.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 52.999 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.006 min
Lab File: VV039005.D
Acq: 22 Aug 2025 00:20

Tgt Ion: 91 Resp: 1563171
Ion Ratio Lower Upper
91 100
126 20.8 14.9 44.5





#83

tert-Butylbenzene

Concen: 42.699 ug/l

RT: 10.796 min Scan# 3032

Delta R.T. 0.006 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

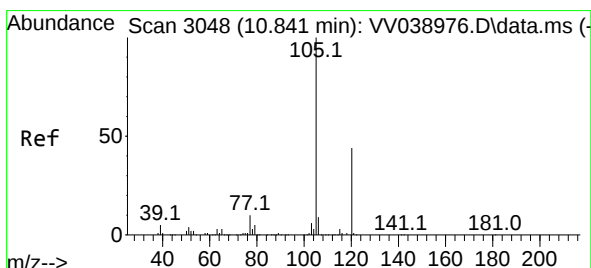
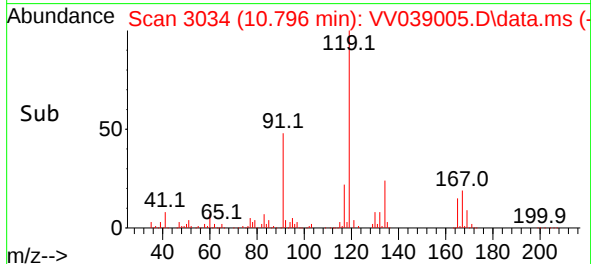
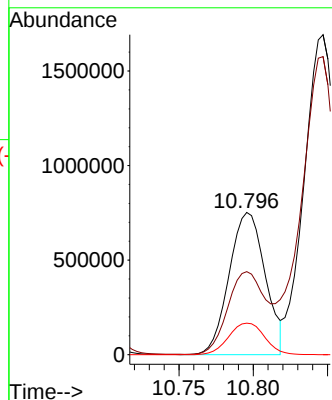
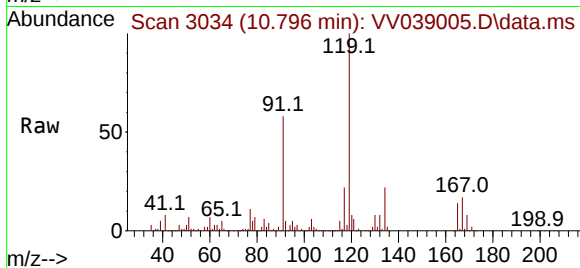
Tgt Ion:119 Resp: 1273675

Ion Ratio Lower Upper

119 100

91 58.9 28.4 85.3

134 22.2 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 60.404 ug/l

RT: 10.667 min Scan# 2994

Delta R.T. -0.174 min

Lab File: VV039005.D

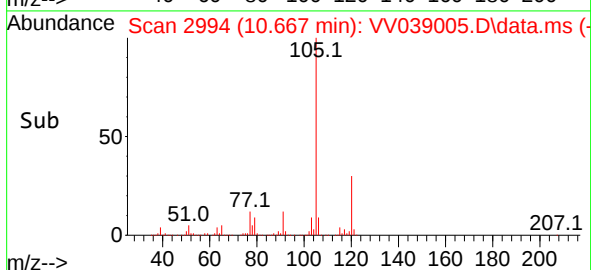
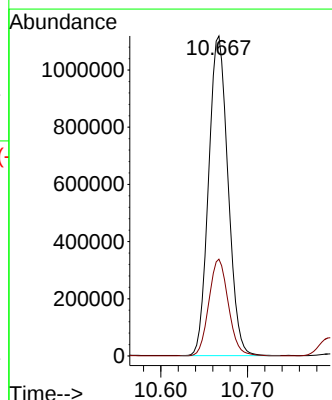
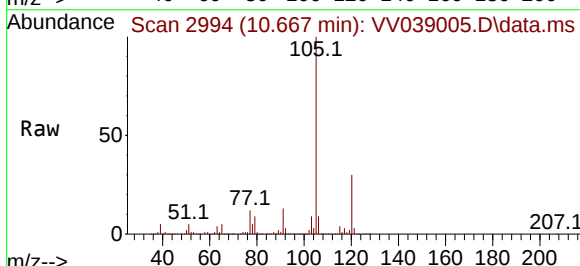
Acq: 22 Aug 2025 00:20

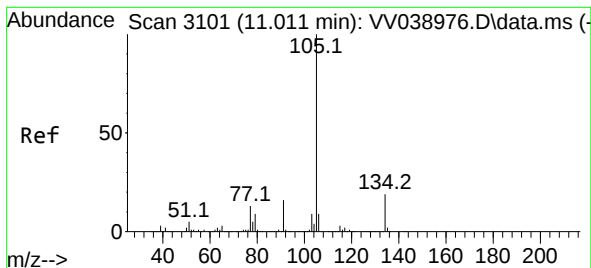
Tgt Ion:105 Resp: 1736525

Ion Ratio Lower Upper

105 100

120 30.4 22.8 68.3





#85

sec-Butylbenzene

Concen: 48.018 ug/l

RT: 11.017 min Scan# 3101

Delta R.T. 0.006 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

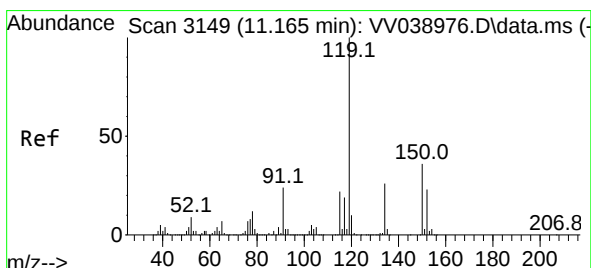
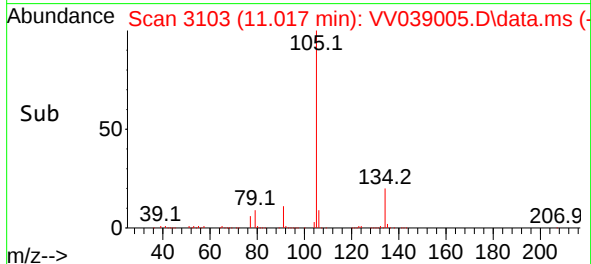
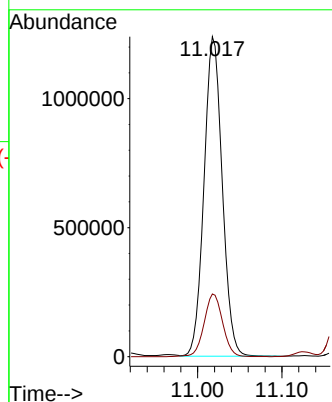
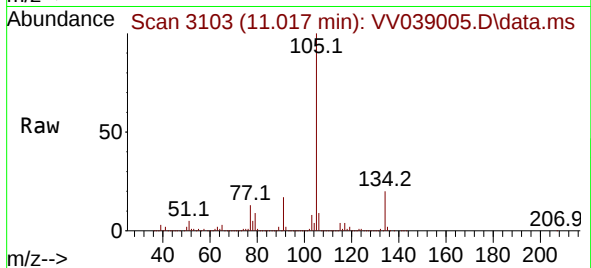
ClientSampleId :

Tgt Ion:105 Resp: 1862819

Ion Ratio Lower Upper

105 100

134 20.0 9.9 29.7



#86

p-Isopropyltoluene

Concen: 58.640 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.006 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

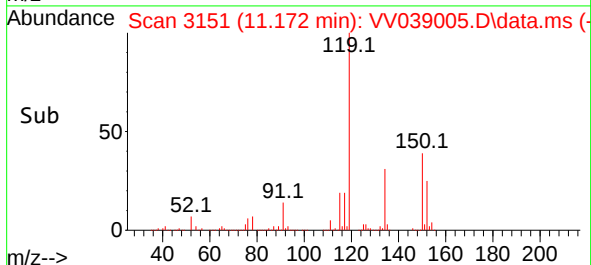
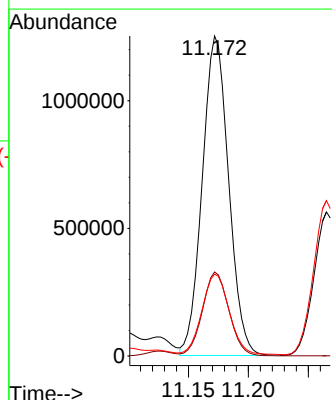
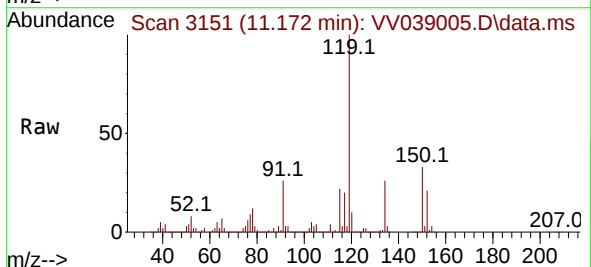
Tgt Ion:119 Resp: 1915758

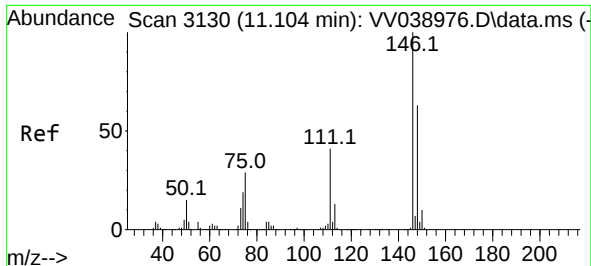
Ion Ratio Lower Upper

119 100

134 26.2 13.0 38.9

91 25.9 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 44.989 ug/l

RT: 11.111 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

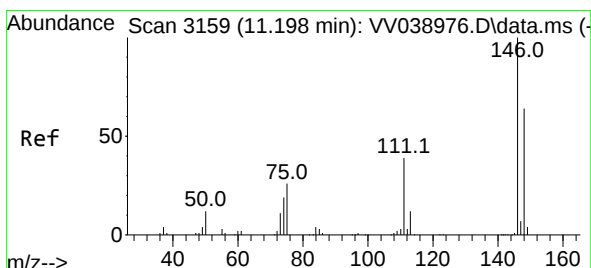
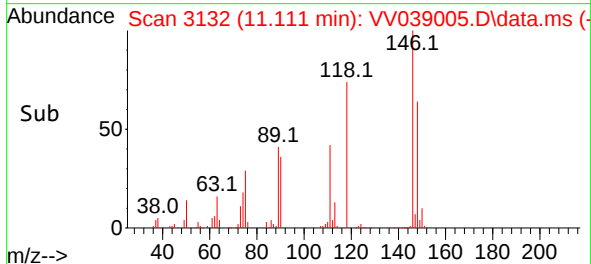
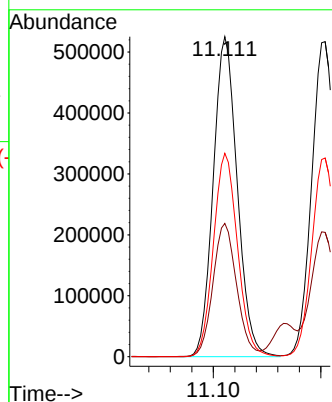
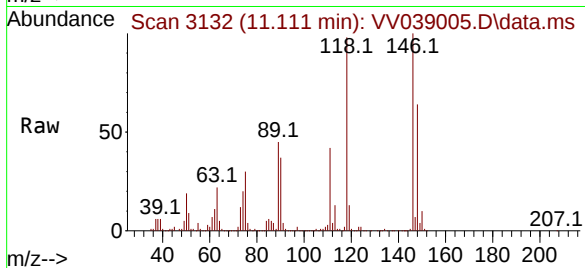
Tgt Ion:146 Resp: 814777

Ion Ratio Lower Upper

146 100

111 41.1 20.5 61.6

148 63.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 43.830 ug/l

RT: 11.204 min Scan# 3161

Delta R.T. 0.006 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

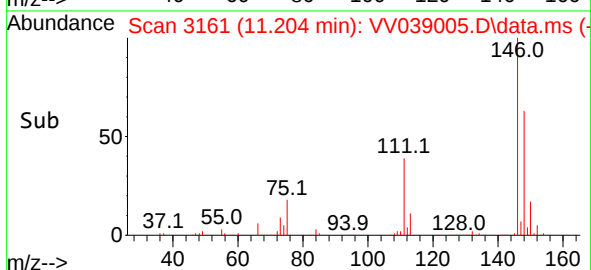
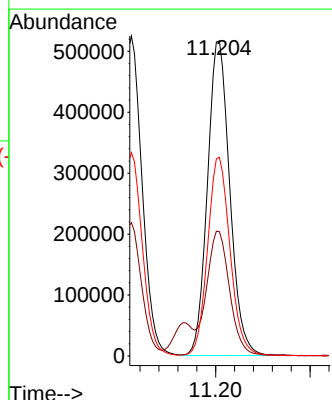
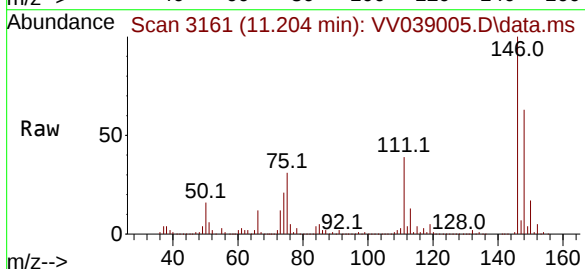
Tgt Ion:146 Resp: 846726

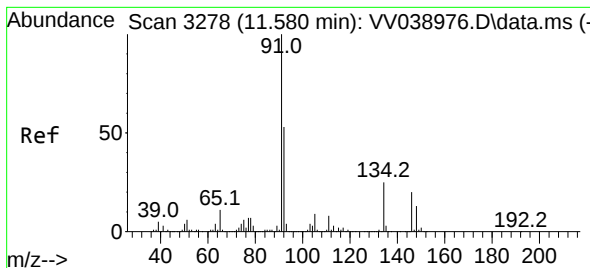
Ion Ratio Lower Upper

146 100

111 40.1 20.0 60.0

148 63.6 31.8 95.3





#89

n-Butylbenzene

Concen: 53.227 ug/l

RT: 11.609 min Scan# 3318

Delta R.T. 0.029 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

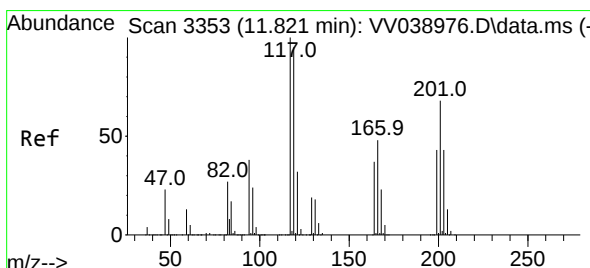
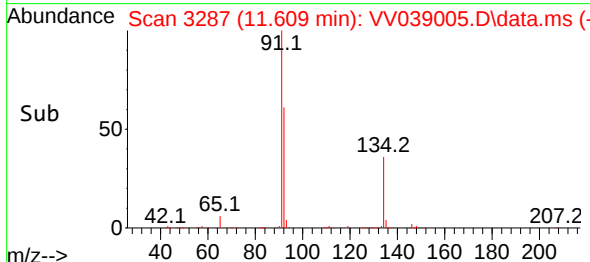
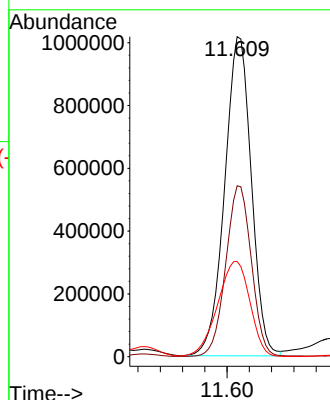
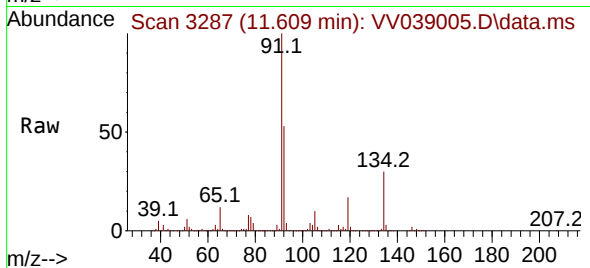
Tgt Ion: 91 Resp: 1694177

Ion Ratio Lower Upper

91 100

92 51.4 26.5 79.5

134 36.2 12.6 37.8



#90

Hexachloroethane

Concen: 2727.473 ug/l

RT: 11.709 min Scan# 3318

Delta R.T. -0.113 min

Lab File: VV039005.D

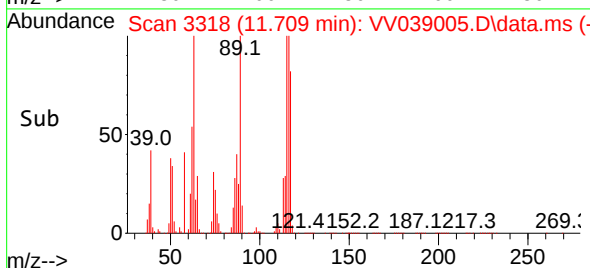
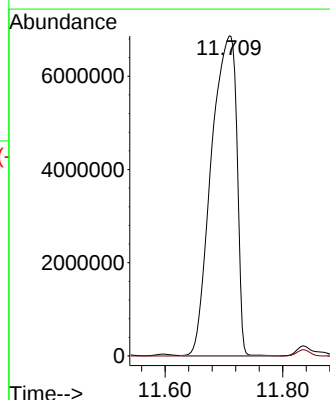
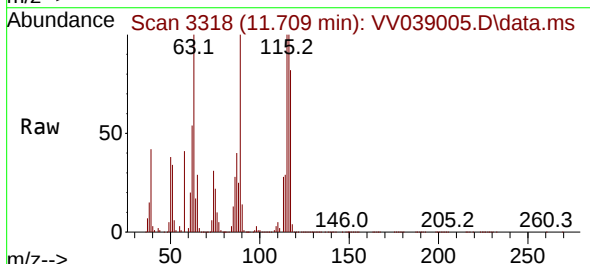
Acq: 22 Aug 2025 00:20

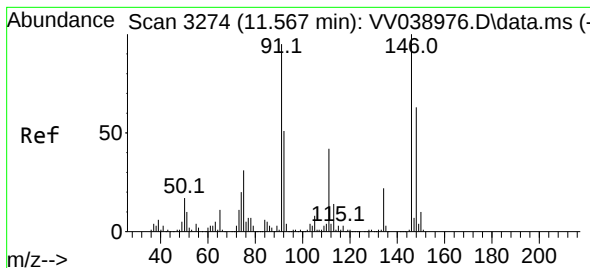
Tgt Ion: 117 Resp: 20593151

Ion Ratio Lower Upper

117 100

201 0.0 33.7 101.0#





#91

1,2-Dichlorobenzene

Concen: 46.074 ug/l

RT: 11.577 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

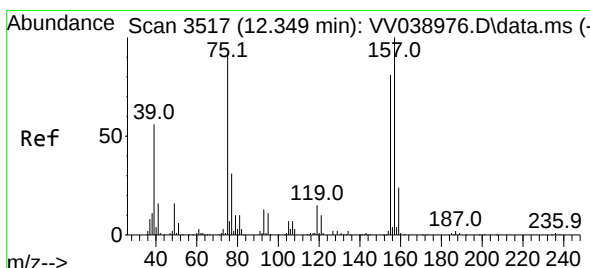
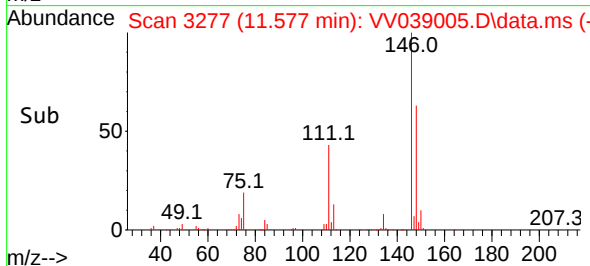
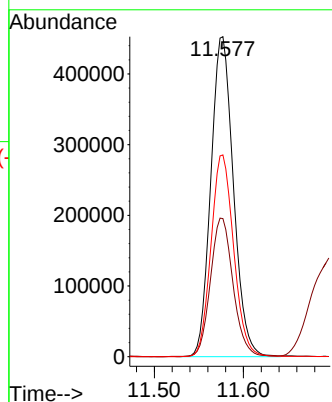
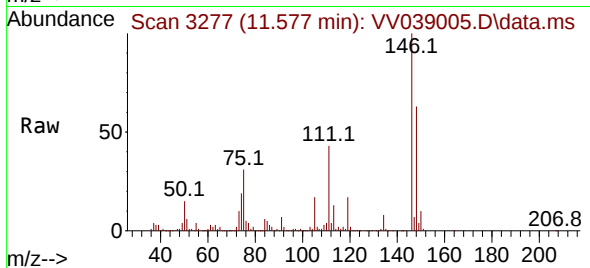
Tgt Ion:146 Resp: 795654

Ion Ratio Lower Upper

146 100

111 43.4 21.1 63.4

148 63.4 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.982 ug/l

RT: 12.355 min Scan# 3519

Delta R.T. 0.006 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

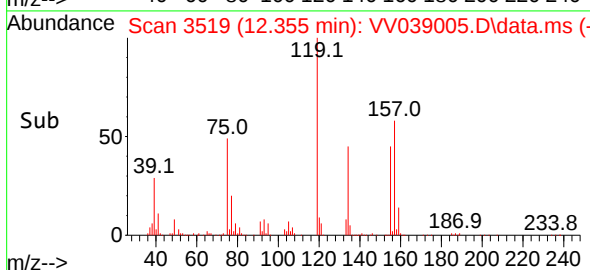
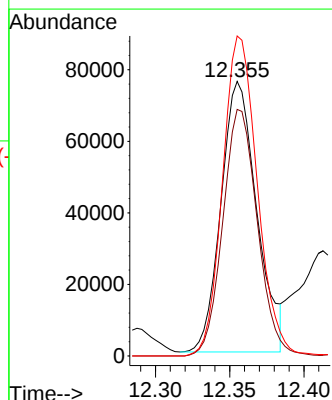
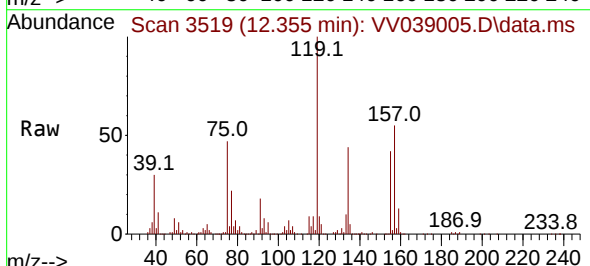
Tgt Ion: 75 Resp: 126783

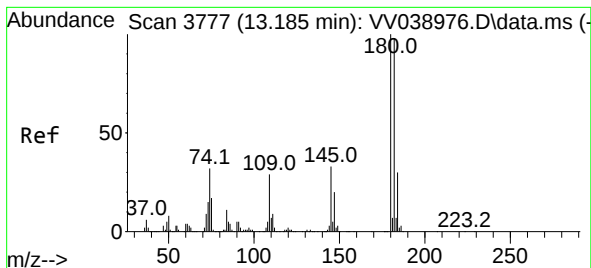
Ion Ratio Lower Upper

75 100

155 88.1 43.7 131.1

157 114.9 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 51.921 ug/l

RT: 13.191 min Scan# 31

Delta R.T. 0.006 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :

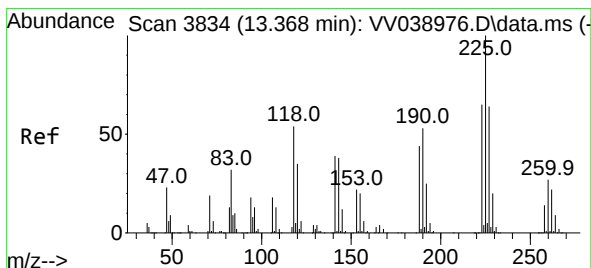
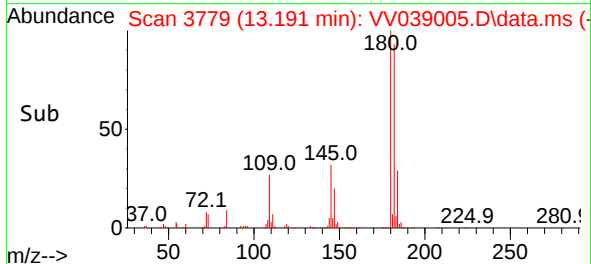
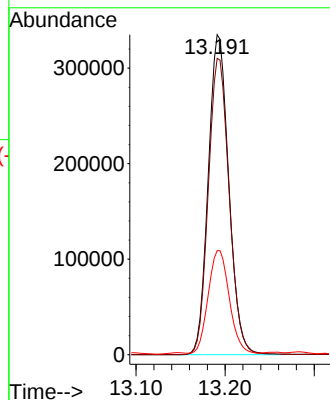
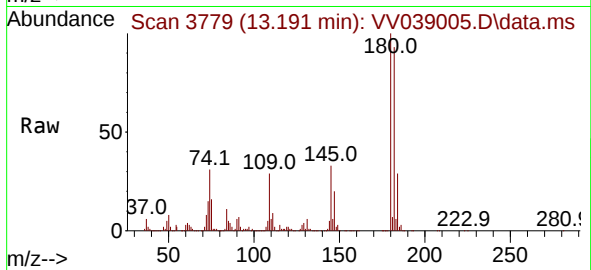
Tgt Ion:180 Resp: 535057

Ion Ratio Lower Upper

180 100

182 94.2 47.3 142.0

145 32.8 16.3 48.8



#94

Hexachlorobutadiene

Concen: 37.494 ug/l

RT: 13.394 min Scan# 3842

Delta R.T. 0.026 min

Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

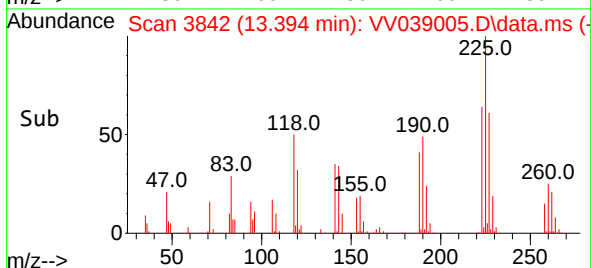
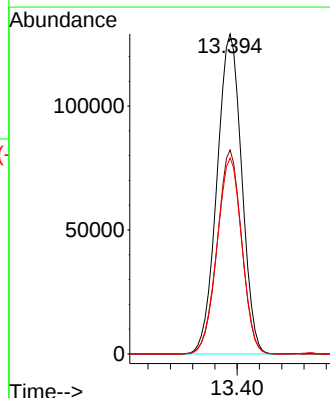
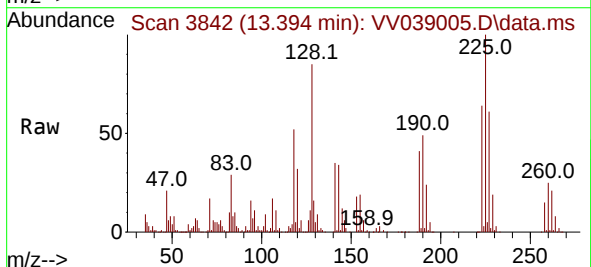
Tgt Ion:225 Resp: 199189

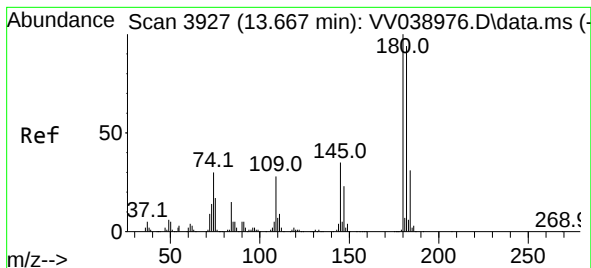
Ion Ratio Lower Upper

225 100

223 62.7 31.9 95.7

227 61.7 30.8 92.3





#96

1,2,3-Trichlorobenzene

Concen: 51.633 ug/l

RT: 13.670 min Scan# 3928

Delta R.T. 0.003 min

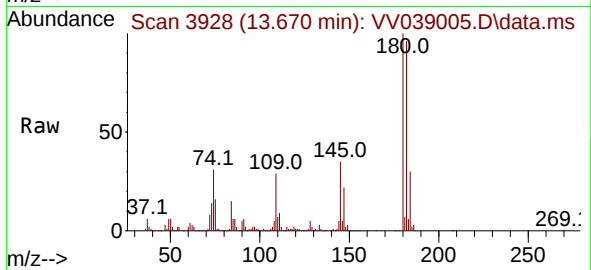
Lab File: VV039005.D

Acq: 22 Aug 2025 00:20

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:180 Resp: 536515

Ion Ratio Lower Upper

180 100

182 95.3 47.0 141.0

145 36.9 17.3 52.0

