

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092925\
 Data File : VV039224.D
 Acq On : 29 Sep 2025 12:23
 Operator : SY/MD
 Sample : VV0929WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 30 01:23:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	516454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	792956	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	778611	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	484149	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	319747	42.778	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	85.560%
35) Dibromofluoromethane	4.500	113	320211	50.231	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.460%
50) Toluene-d8	7.236	98	881306	47.072	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	94.140%
62) 4-Bromofluorobenzene	10.001	95	406193	52.700	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	105.400%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	150870	18.454	ug/l	99
3) Chloromethane	1.230	50	161989	18.457	ug/l	100
4) Vinyl Chloride	1.298	62	173604	18.477	ug/l	98
5) Bromomethane	1.497	94	114704	19.365	ug/l	96
6) Chloroethane	1.561	64	113620	19.254	ug/l	96
7) Trichlorofluoromethane	1.725	101	270079	19.854	ug/l	99
8) Diethyl Ether	1.921	74	99694	19.741	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.082	101	159720	19.733	ug/l	96
10) Methyl Iodide	2.198	142	148763	19.300	ug/l	99
11) Tert butyl alcohol	2.574	59	186819	118.256	ug/l	99
12) 1,1-Dichloroethene	2.082	96	155340	19.949	ug/l	91
13) Acrolein	2.011	56	32072	116.997	ug/l	97
14) Allyl chloride	2.359	41	256953	18.473	ug/l	98
15) Acrylonitrile	2.677	53	515622	101.816	ug/l	99
16) Acetone	2.121	43	422540	84.862	ug/l	99
17) Carbon Disulfide	2.252	76	417256	17.521	ug/l	99
18) Methyl Acetate	2.384	43	255620	23.081	ug/l	96
19) Methyl tert-butyl Ether	2.715	73	511335	20.608	ug/l	98
20) Methylene Chloride	2.458	84	178236	20.544	ug/l	93
21) trans-1,2-Dichloroethene	2.703	96	163972	19.780	ug/l	96
22) Diisopropyl ether	3.220	45	505903	19.010	ug/l	97
23) Vinyl Acetate	3.191	43	2180218	93.651	ug/l	98
24) 1,1-Dichloroethane	3.117	63	310829	19.099	ug/l	98
25) 2-Butanone	3.873	43	589737	98.528	ug/l	97
26) 2,2-Dichloropropane	3.812	77	239643	16.607	ug/l	100
27) cis-1,2-Dichloroethene	3.822	96	178123	19.483	ug/l	97
28) Bromochloromethane	4.150	49	147124	20.478	ug/l	90
29) Tetrahydrofuran	4.246	42	387946	103.551	ug/l	97
30) Chloroform	4.281	83	328585	19.335	ug/l	99
31) Cyclohexane	4.584	56	223750	16.783	ug/l	95
32) 1,1,1-Trichloroethane	4.513	97	282636	19.211	ug/l	97
36) 1,1-Dichloropropene	4.744	75	194860	20.218	ug/l	97
37) Ethyl Acetate	3.986	43	236815	20.249	ug/l	98
38) Carbon Tetrachloride	4.738	117	243896	20.706	ug/l	97
39) Methylcyclohexane	6.047	83	205429	17.650	ug/l	93
40) Benzene	5.011	78	647129	20.619	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.169	41	96963	19.547	ug/l	94
42) 1,2-Dichloroethane	5.043	62	225943	20.546	ug/l	99
43) Isopropyl Acetate	5.201	43	331062	20.762	ug/l	99
44) Trichloroethene	5.834	130	160027	22.097	ug/l	96
45) 1,2-Dichloropropane	6.092	63	159034	20.387	ug/l	93
46) Dibromomethane	6.230	93	128007	21.439	ug/l	93
47) Bromodichloromethane	6.429	83	256635	20.791	ug/l	97
48) Methyl methacrylate	6.304	41	143594	19.866	ug/l	96
49) 1,4-Dioxane	6.297	88	52495	450.027	ug/l	97
51) 4-Methyl-2-Pentanone	7.149	43	1213345	115.662	ug/l	99
52) Toluene	7.310	92	402833	22.137	ug/l	99
53) t-1,3-Dichloropropene	7.577	75	229437	21.329	ug/l	98
54) cis-1,3-Dichloropropene	6.950	75	256128	21.568	ug/l	97
55) 1,1,2-Trichloroethane	7.764	97	180352	22.104	ug/l	98
56) Ethyl methacrylate	7.718	69	206033	21.263	ug/l	95
57) 1,3-Dichloropropane	7.937	76	274579	21.324	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.815	63	458913	90.272	ug/l	97
59) 2-Hexanone	8.066	43	888978	106.332	ug/l	99
60) Dibromochloromethane	8.169	129	204739	22.022	ug/l	99
61) 1,2-Dibromoethane	8.275	107	184314	22.089	ug/l	97
64) Tetrachloroethene	7.899	164	143400	21.989	ug/l	97
65) Chlorobenzene	8.805	112	447060	20.614	ug/l	96
66) 1,1,1,2-Tetrachloroethane	8.899	131	171881	21.934	ug/l	99
67) Ethyl Benzene	8.937	91	679904	20.710	ug/l	99
68) m/p-Xylenes	9.066	106	563248	44.453	ug/l	100
69) o-Xylene	9.471	106	240935	21.475	ug/l	99
70) Styrene	9.487	104	463036	20.357	ug/l	99
71) Bromoform	9.654	173	144577	23.619	ug/l #	100
73) Isopropylbenzene	9.857	105	681756	19.415	ug/l	99
74) N-amyl acetate	9.725	43	277055	19.780	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	290305	18.868	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	219845	19.944	ug/l	96
77) Bromobenzene	10.143	156	189322	20.780	ug/l	94
78) n-propylbenzene	10.278	91	836516	19.562	ug/l	99
79) 2-Chlorotoluene	10.349	91	522912	20.436	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	595449	20.401	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	90895	19.795	ug/l	98
82) 4-Chlorotoluene	10.464	91	609979	20.558	ug/l	98
83) tert-Butylbenzene	10.789	119	546815	18.788	ug/l	98
84) 1,2,4-Trimethylbenzene	10.841	105	579472	20.450	ug/l	98
85) sec-Butylbenzene	11.014	105	713481	18.482	ug/l	99
86) p-Isopropyltoluene	11.169	119	612533	19.064	ug/l	98
87) 1,3-Dichlorobenzene	11.107	146	373130	20.236	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	395788	19.565	ug/l	98
89) n-Butylbenzene	11.580	91	560984	18.282	ug/l	99
90) Hexachloroethane	11.821	117	135620	17.141	ug/l	94
91) 1,2-Dichlorobenzene	11.567	146	340057	19.740	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	60941	22.277	ug/l	94
93) 1,2,4-Trichlorobenzene	13.188	180	197145	19.964	ug/l	98
94) Hexachlorobutadiene	13.368	225	91322	17.798	ug/l	98
95) Naphthalene	13.426	128	638517	20.005	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	208339	20.628	ug/l	99

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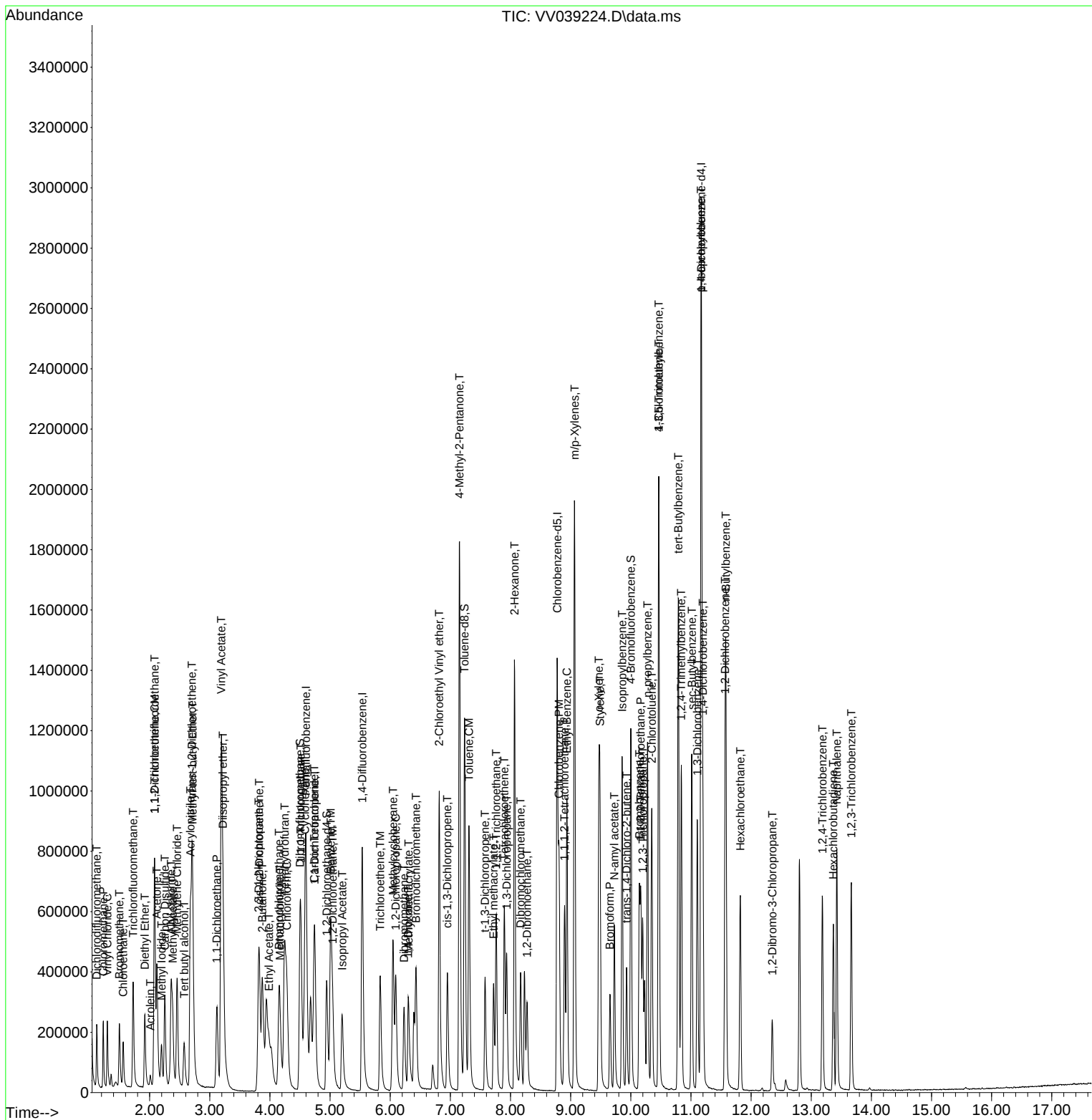
Instrument :
MSVOA_V
ClientSampleId :

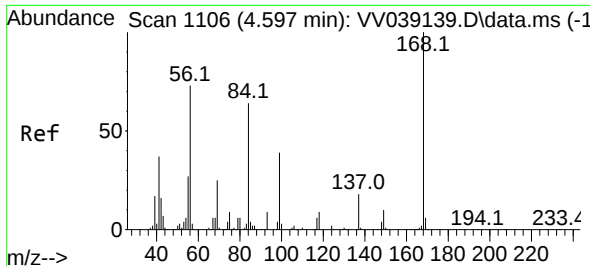
Quant Time: Sep 30 01:23:03 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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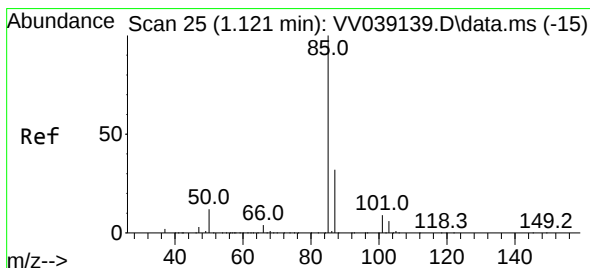
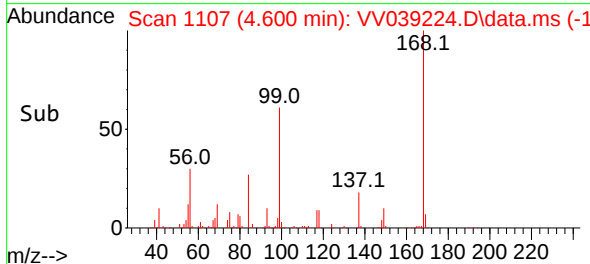
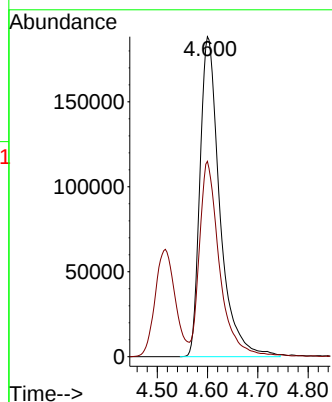
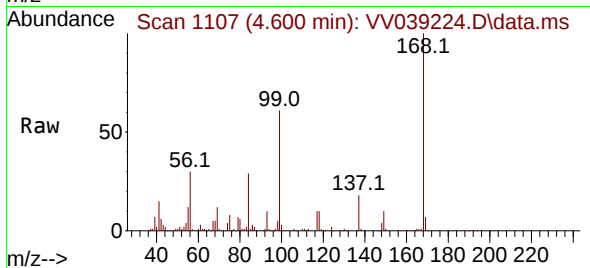




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039224.D
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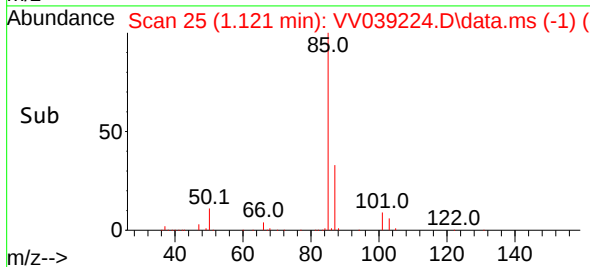
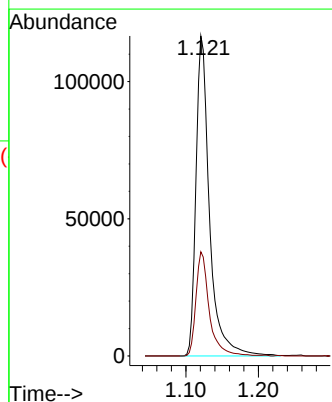
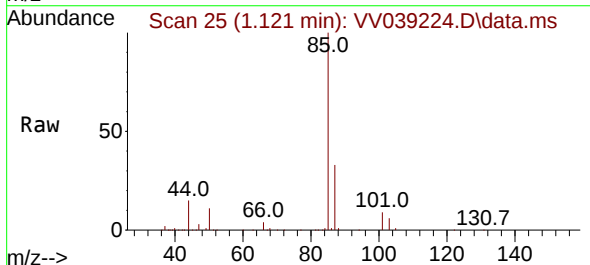
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:168 Resp: 516454
Ion Ratio Lower Upper
168 100
99 60.4 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 18.454 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 85 Resp: 150870
Ion Ratio Lower Upper
85 100
87 32.5 16.0 47.9

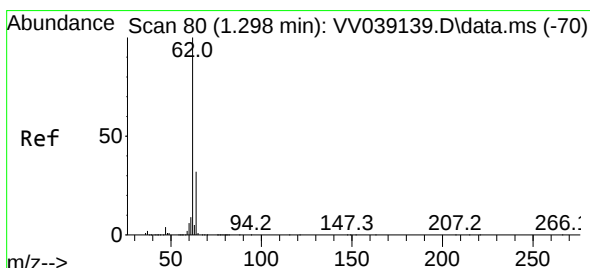
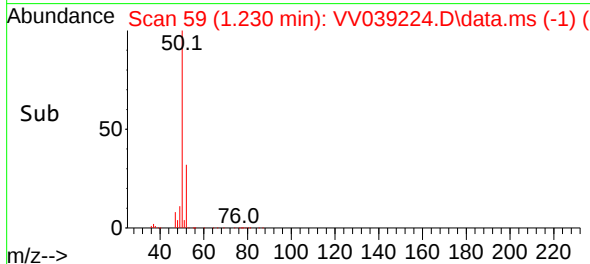
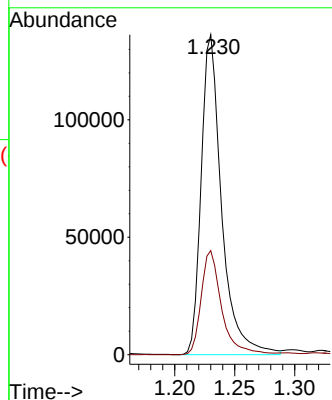
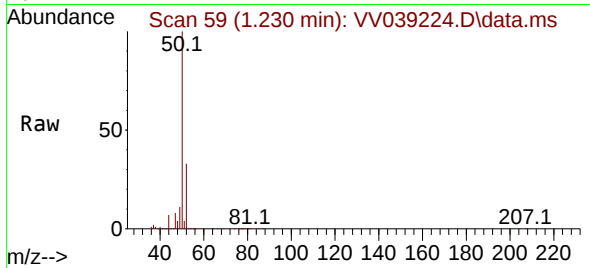




#3
Chloromethane
Concen: 18.457 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

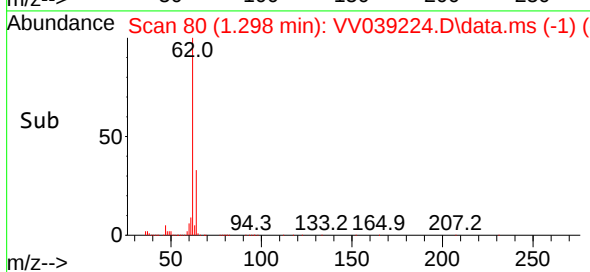
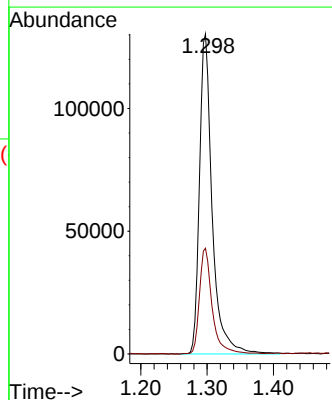
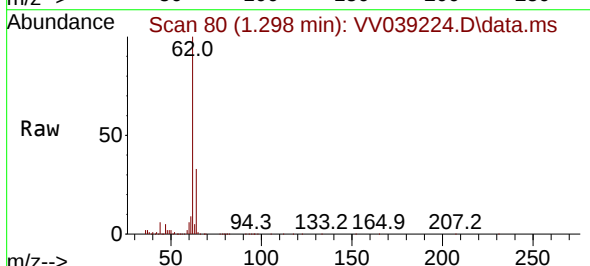
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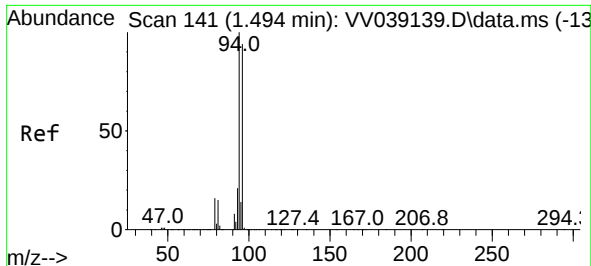
Tgt Ion: 50 Resp: 161989
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 18.477 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 62 Resp: 173604
Ion Ratio Lower Upper
62 100
64 33.1 25.6 38.4

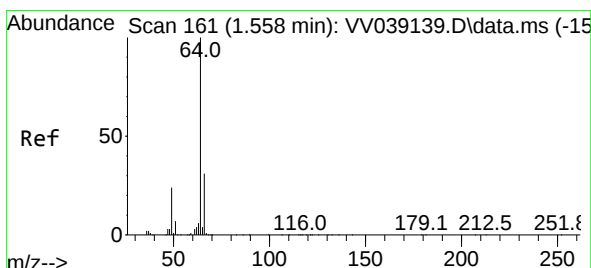
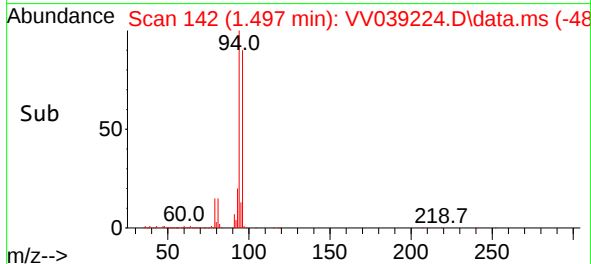
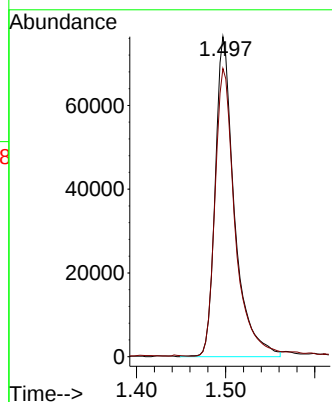
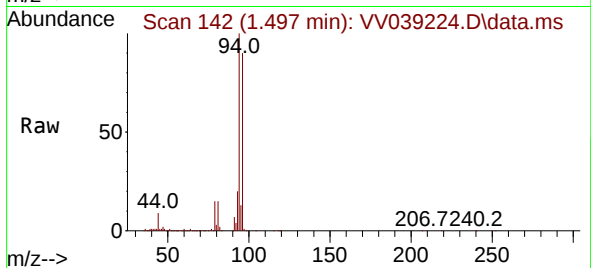




#5
Bromomethane
Concen: 19.365 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

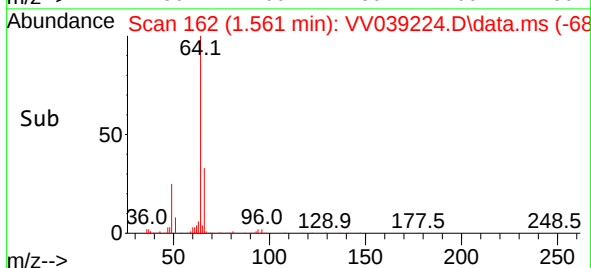
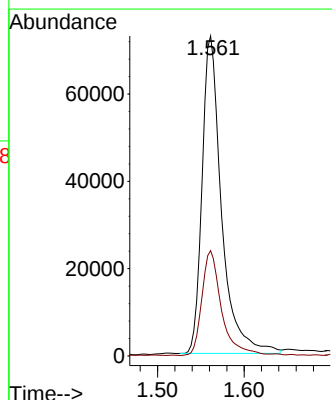
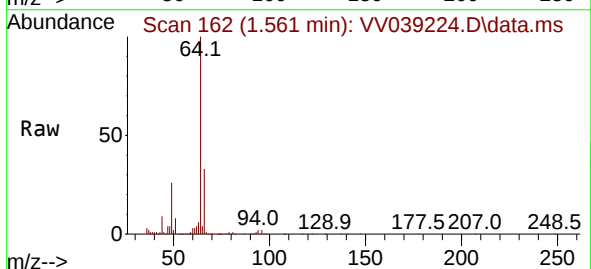
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 94 Resp: 114704
Ion Ratio Lower Upper
94 100
96 89.7 74.9 112.3



#6
Chloroethane
Concen: 19.254 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 64 Resp: 113620
Ion Ratio Lower Upper
64 100
66 33.0 24.6 36.8

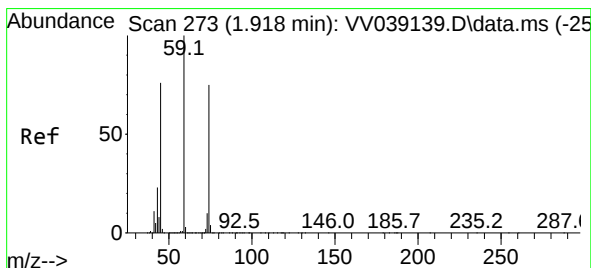
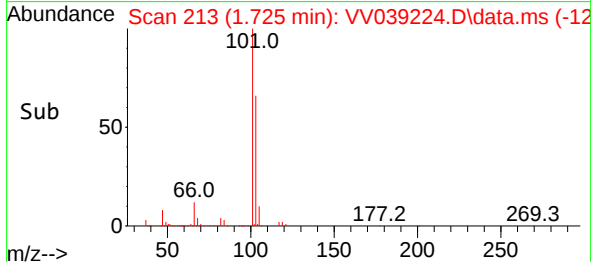
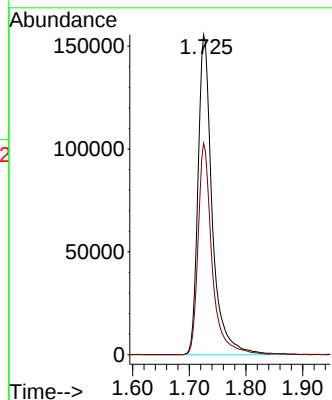
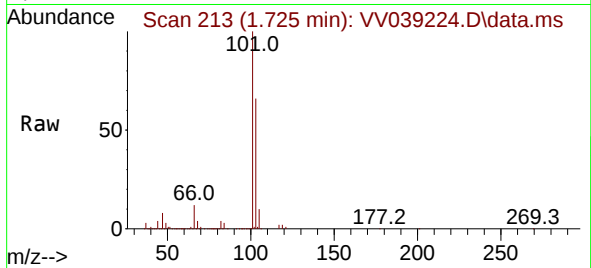




#7
 Trichlorofluoromethane
 Concen: 19.854 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV039224.D
 Acq: 29 Sep 2025 12:23

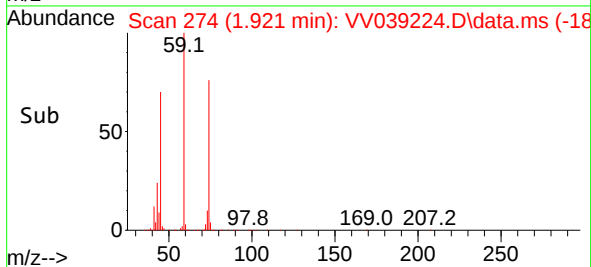
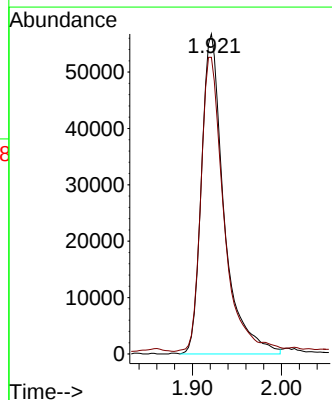
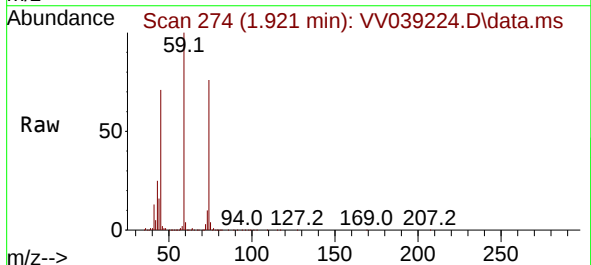
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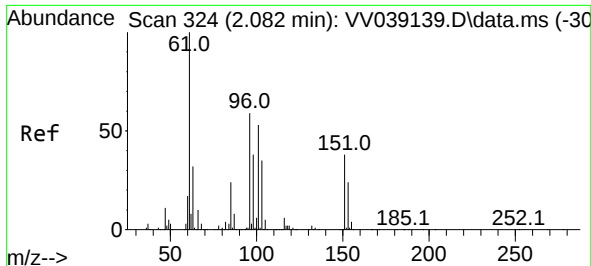
Tgt Ion:101 Resp: 270079
 Ion Ratio Lower Upper
 101 100
 103 66.1 52.0 78.0



#8
 Diethyl Ether
 Concen: 19.741 ug/l
 RT: 1.921 min Scan# 274
 Delta R.T. 0.003 min
 Lab File: VV039224.D
 Acq: 29 Sep 2025 12:23

Tgt Ion: 74 Resp: 99694
 Ion Ratio Lower Upper
 74 100
 45 93.4 49.6 148.8

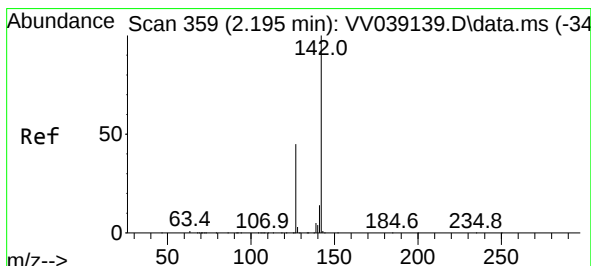
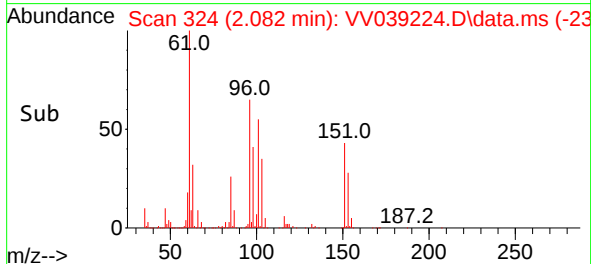
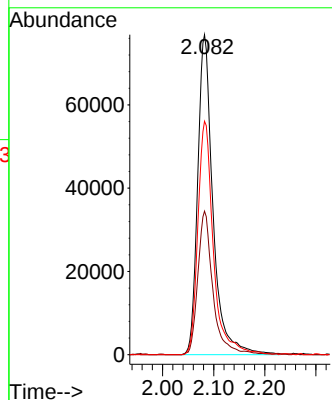
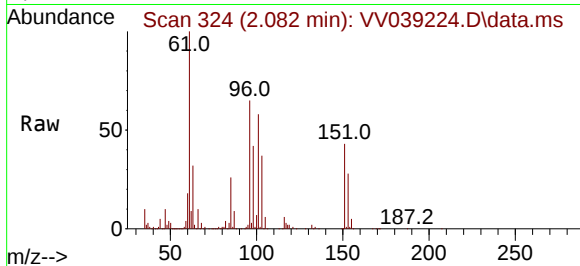




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.733 ug/l
RT: 2.082 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

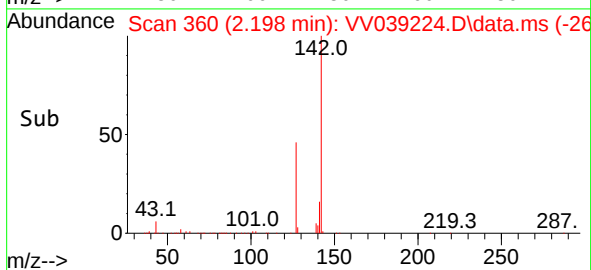
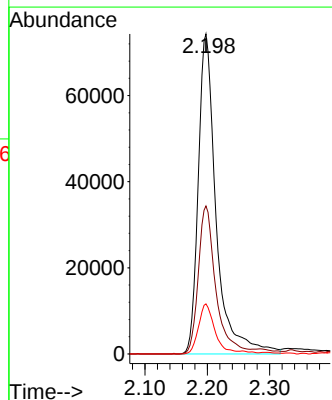
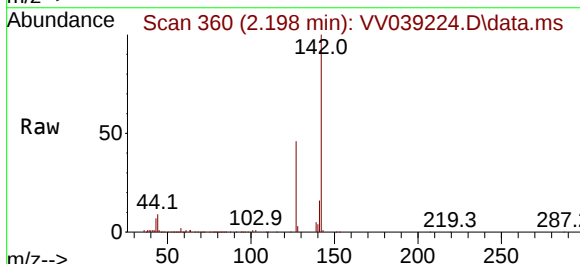
Instrument :
MSVOA_V
ClientSampleId :

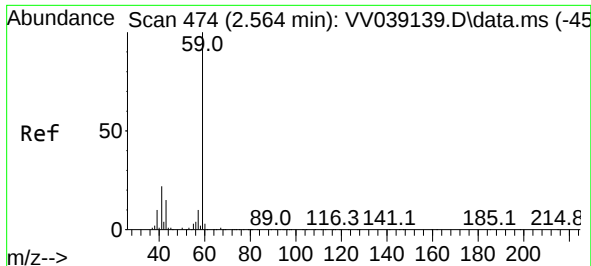
Tgt Ion:101 Resp: 159720
Ion Ratio Lower Upper
101 100
85 43.6 36.2 54.2
151 74.2 56.3 84.5



#10
Methyl Iodide
Concen: 19.300 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion:142 Resp: 148763
Ion Ratio Lower Upper
142 100
127 45.0 36.3 54.5
141 14.2 11.2 16.8

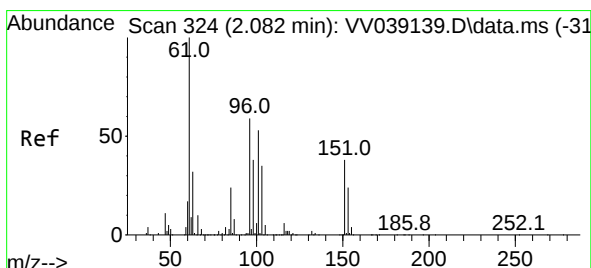
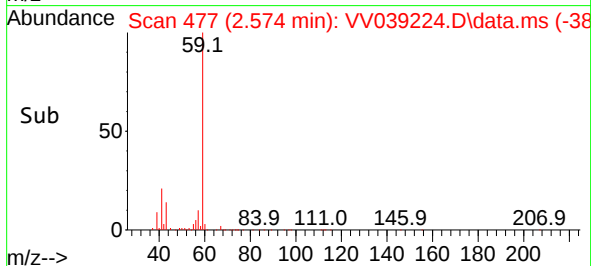
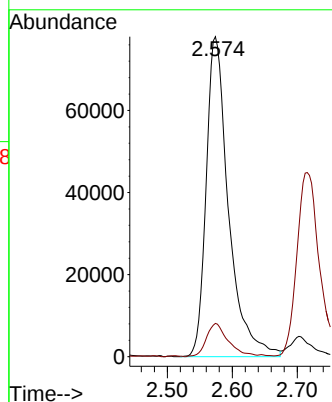
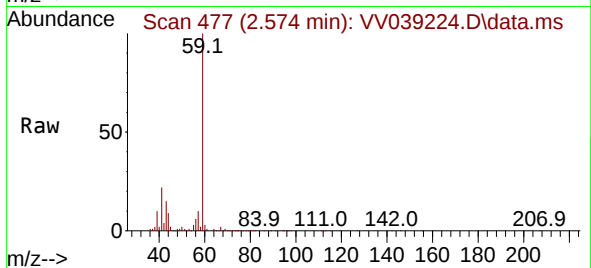




#11
Tert butyl alcohol
Concen: 118.256 ug/l
RT: 2.574 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

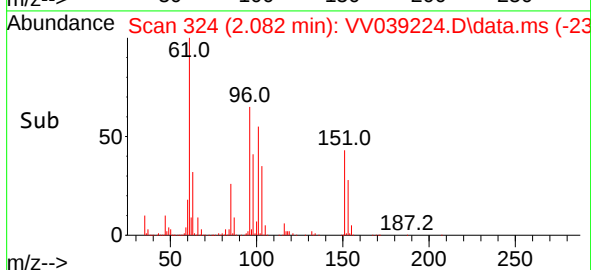
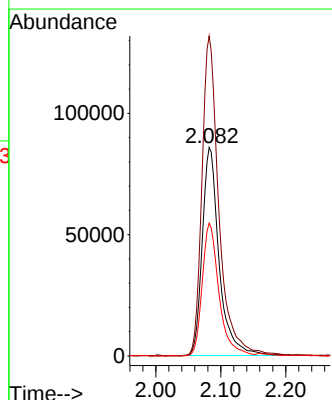
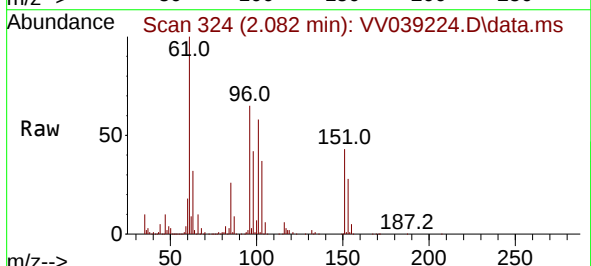
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 59 Resp: 186819
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 19.949 ug/l
RT: 2.082 min Scan# 324
Delta R.T. -0.000 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 96 Resp: 155340
Ion Ratio Lower Upper
96 100
61 153.8 136.0 204.0
98 63.9 51.0 76.6

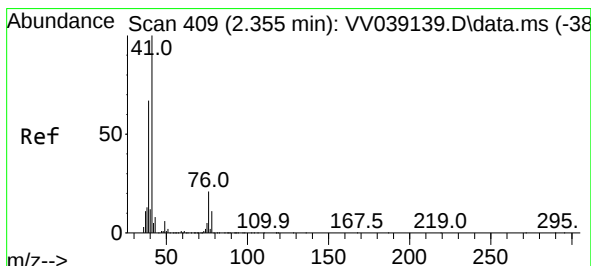
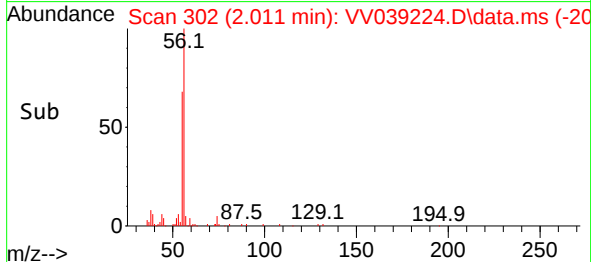
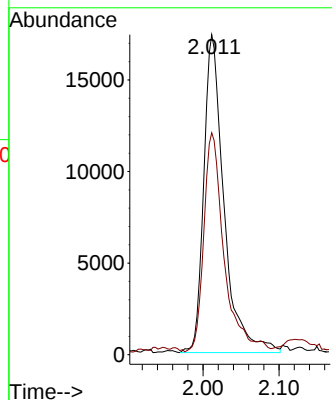
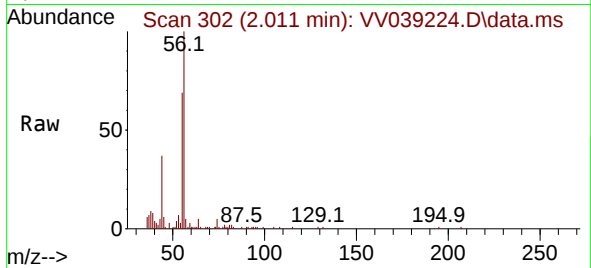




#13
Acrolein
Concen: 116.997 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

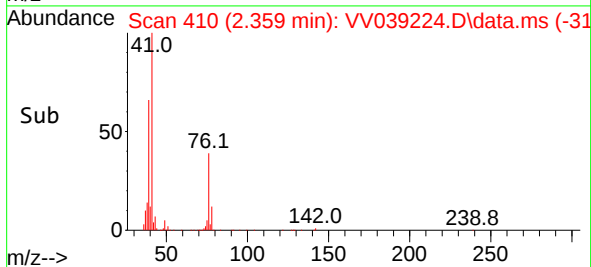
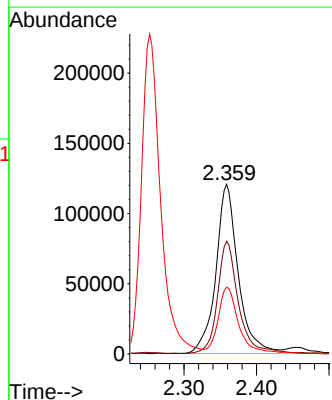
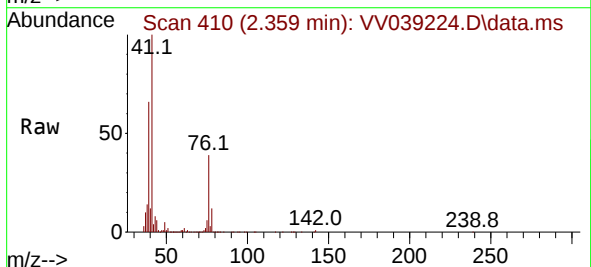
Instrument :
MSVOA_V
ClientSampleId :

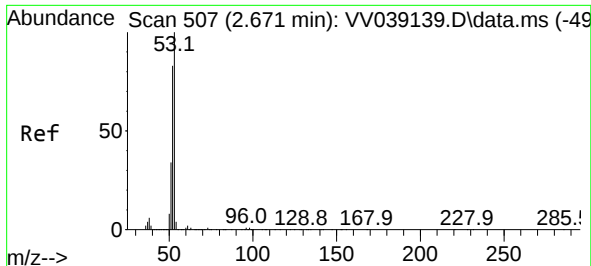
Tgt Ion: 56 Resp: 32072
Ion Ratio Lower Upper
56 100
55 67.5 56.2 84.4



#14
Allyl chloride
Concen: 18.473 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

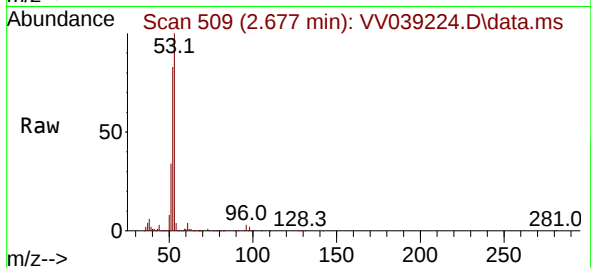
Tgt Ion: 41 Resp: 256953
Ion Ratio Lower Upper
41 100
39 61.9 51.0 76.6
76 36.4 28.2 42.4



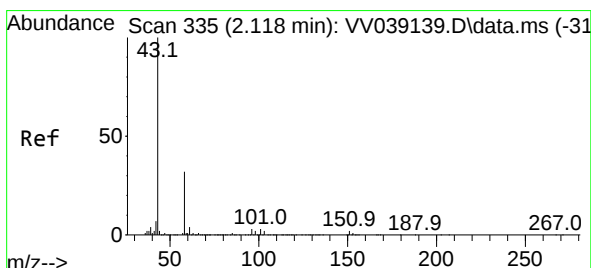
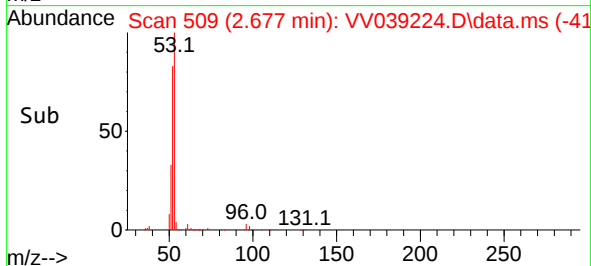
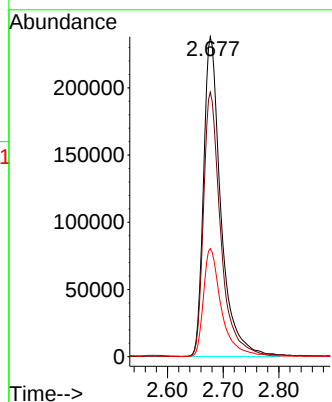


#15
Acrylonitrile
Concen: 101.816 ug/l
RT: 2.677 min Scan# 507
Delta R.T. 0.006 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :

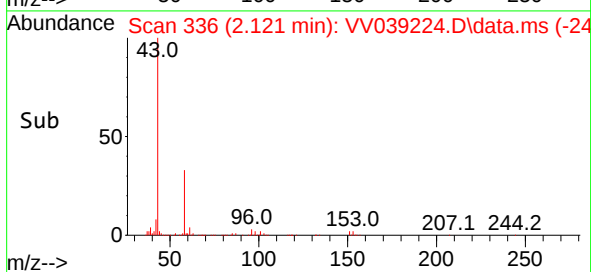
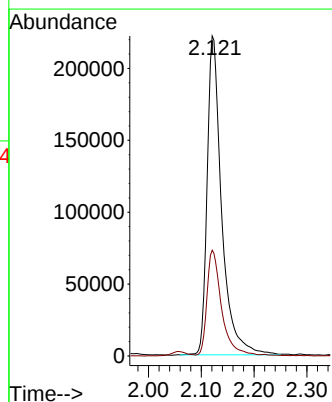
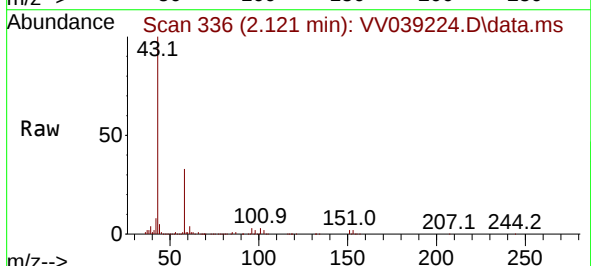


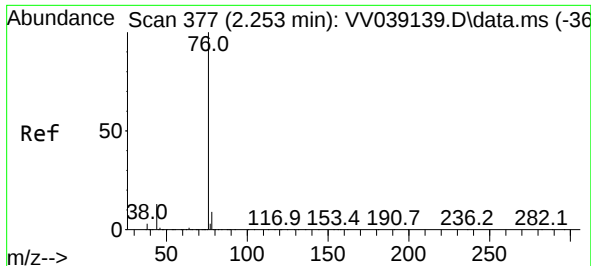
Tgt Ion: 53 Resp: 515622
Ion Ratio Lower Upper
53 100
52 81.9 66.1 99.1
51 34.9 28.5 42.7



#16
Acetone
Concen: 84.862 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 43 Resp: 422540
Ion Ratio Lower Upper
43 100
58 33.0 25.8 38.6

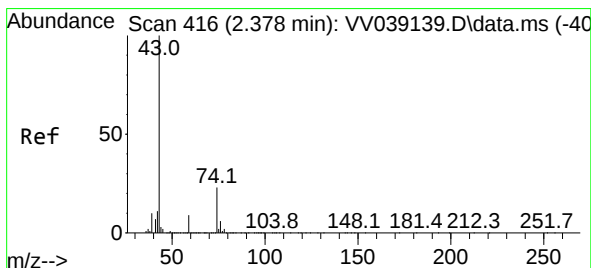
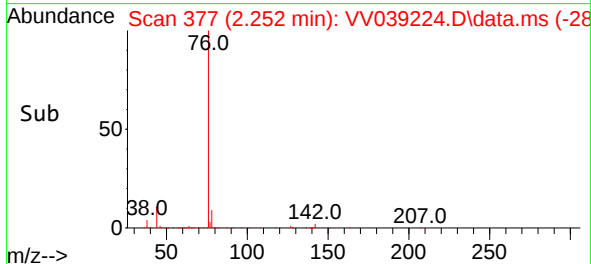
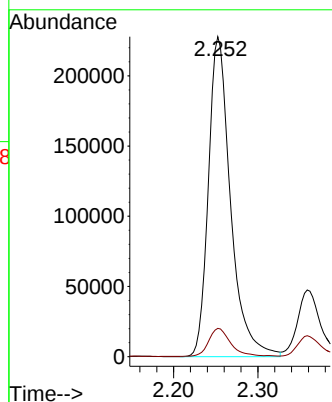
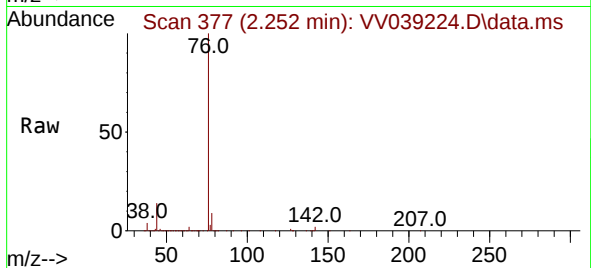




#17
Carbon Disulfide
Concen: 17.521 ug/l
RT: 2.252 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

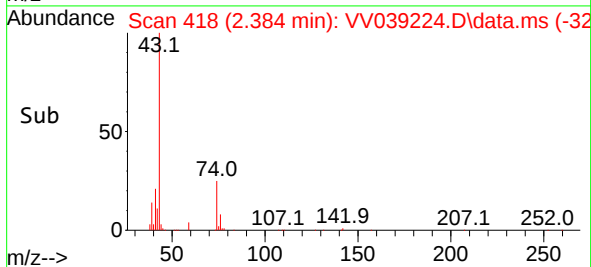
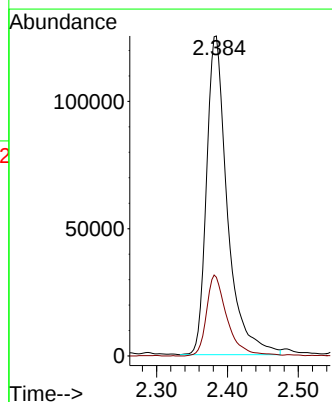
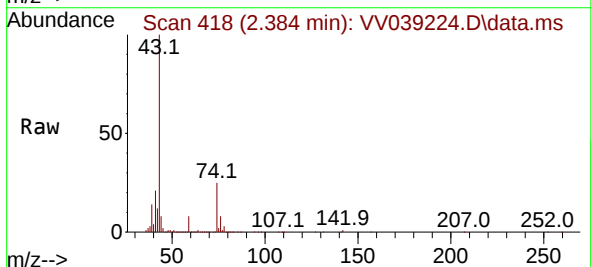
Instrument :
MSVOA_V
ClientSampleId :

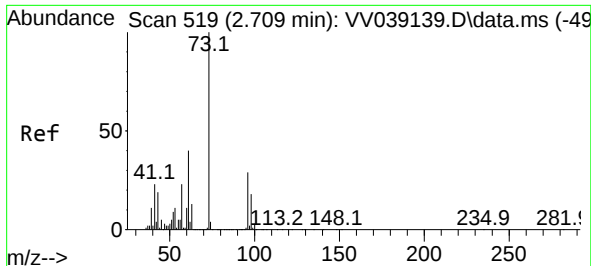
Tgt Ion: 76 Resp: 417256
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0



#18
Methyl Acetate
Concen: 23.081 ug/l
RT: 2.384 min Scan# 418
Delta R.T. 0.006 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 43 Resp: 255620
Ion Ratio Lower Upper
43 100
74 25.2 18.6 27.8

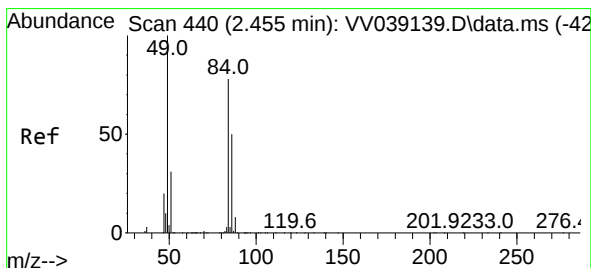
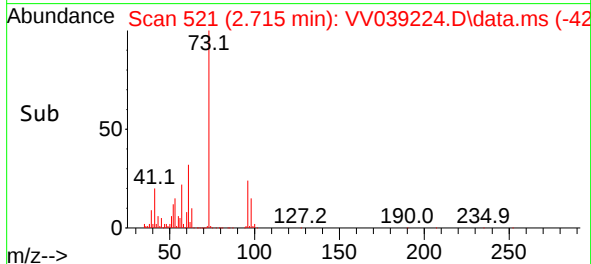
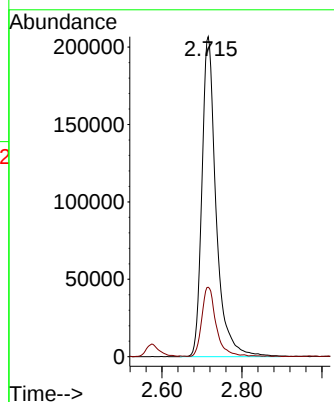
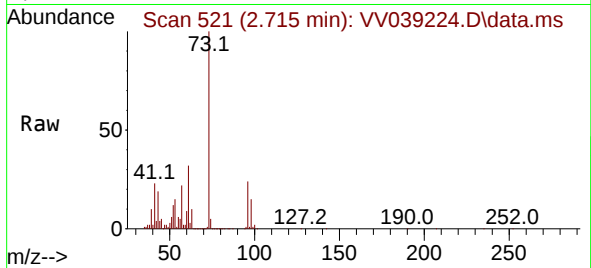




#19
Methyl tert-butyl Ether
Concen: 20.608 ug/l
RT: 2.715 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

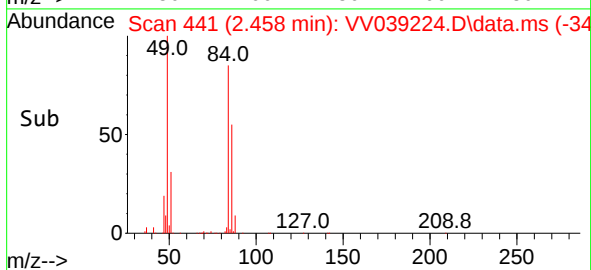
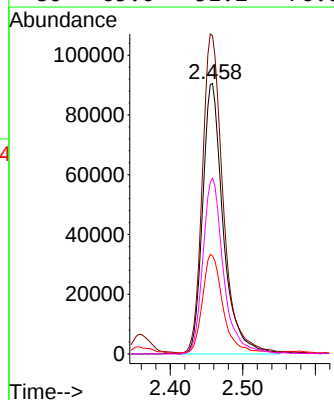
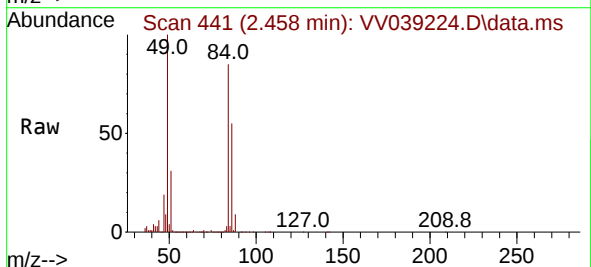
Instrument :
MSVOA_V
ClientSampleId :

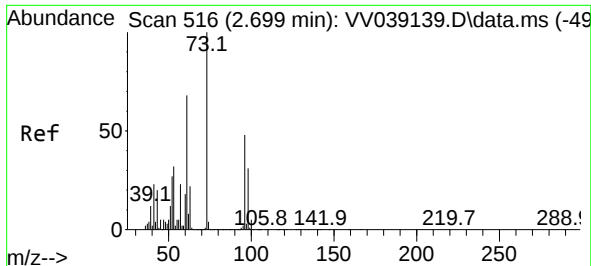
Tgt Ion: 73 Resp: 511335
Ion Ratio Lower Upper
73 100
57 21.6 18.2 27.4



#20
Methylene Chloride
Concen: 20.544 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

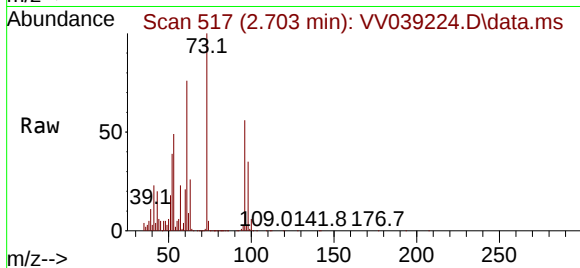
Tgt Ion: 84 Resp: 178236
Ion Ratio Lower Upper
84 100
49 117.3 102.8 154.2
51 35.9 31.9 47.9
86 65.0 51.2 76.8



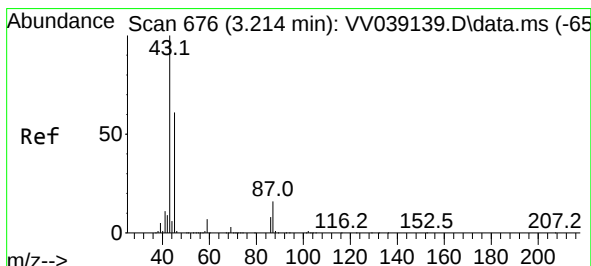
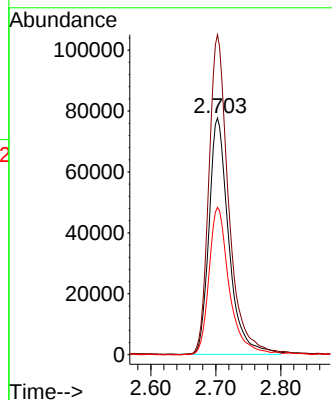
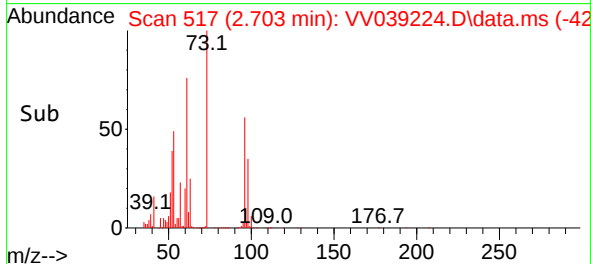


#21
trans-1,2-Dichloroethene
Concen: 19.780 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

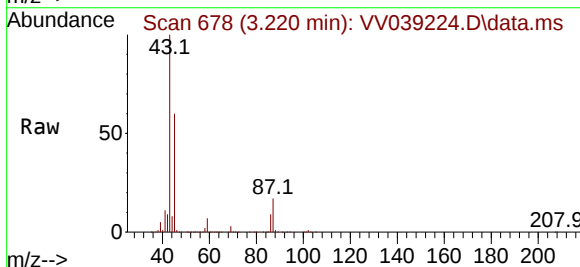
Instrument :
MSVOA_V
ClientSampleId :



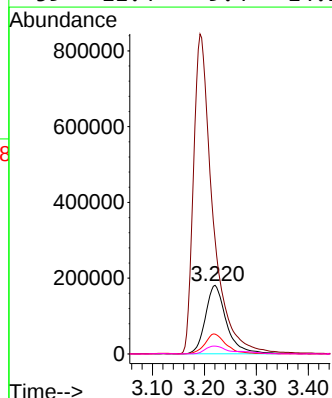
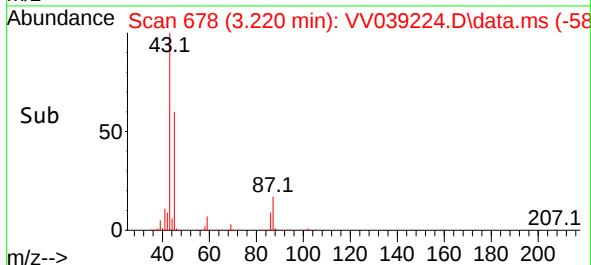
Tgt Ion: 96 Resp: 163972
Ion Ratio Lower Upper
96 100
61 135.4 112.8 169.2
98 62.4 51.1 76.7

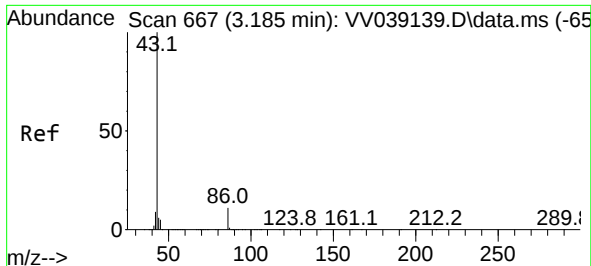


#22
Diisopropyl ether
Concen: 19.010 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.006 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23



Tgt Ion: 45 Resp: 505903
Ion Ratio Lower Upper
45 100
43 166.8 130.9 196.3
87 28.7 21.1 31.7
59 11.4 9.4 14.2

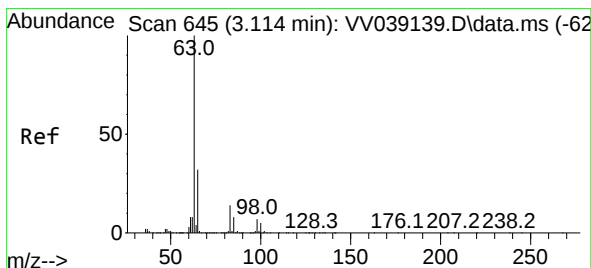
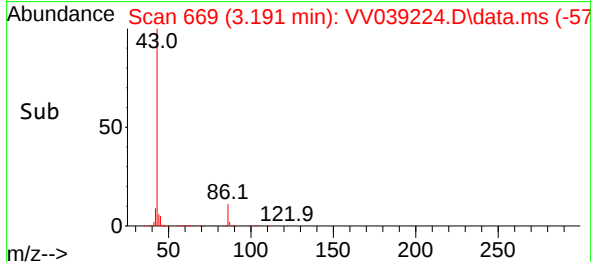
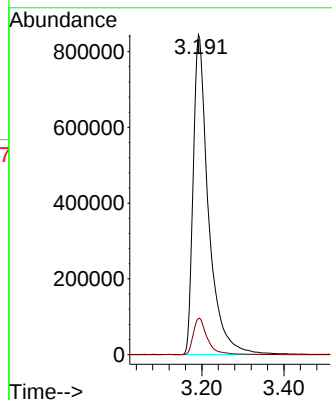
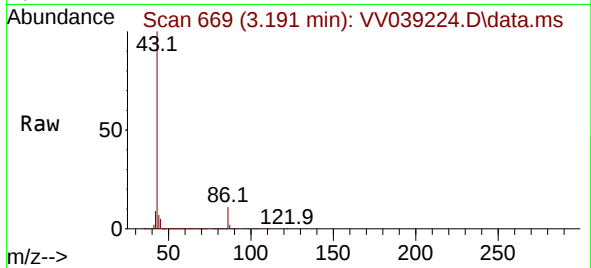




#23
 Vinyl Acetate
 Concen: 93.651 ug/l
 RT: 3.191 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VV039224.D
 Acq: 29 Sep 2025 12:23

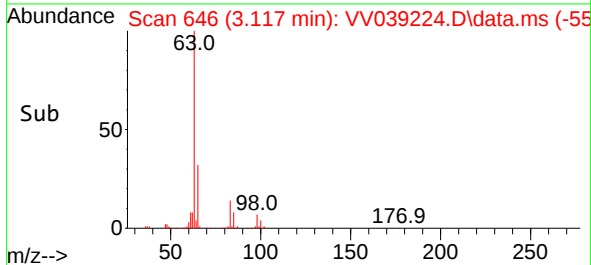
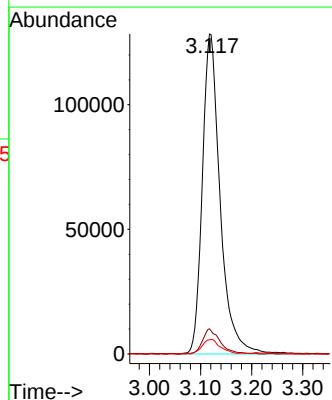
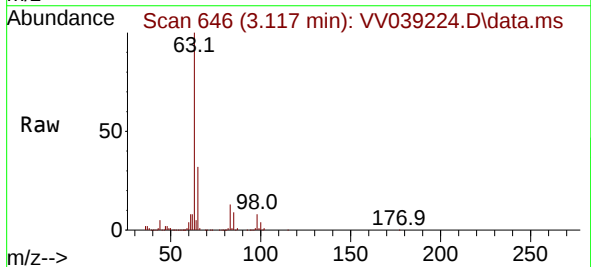
Instrument :
 MSVOA_V
 ClientSampleId :

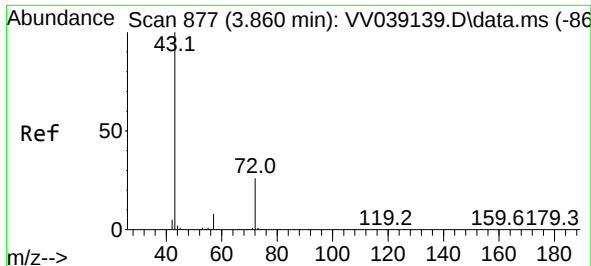
Tgt Ion: 43 Resp: 2180218
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.099 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039224.D
 Acq: 29 Sep 2025 12:23

Tgt Ion: 63 Resp: 310829
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.4 10.2
 100 4.4 2.2 6.6

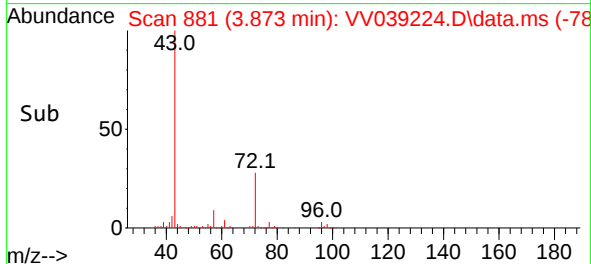
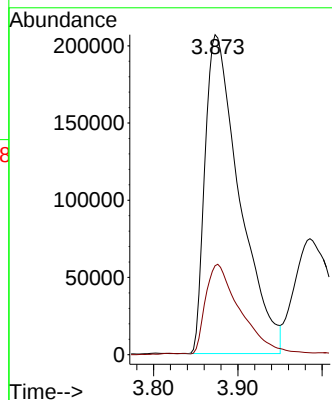
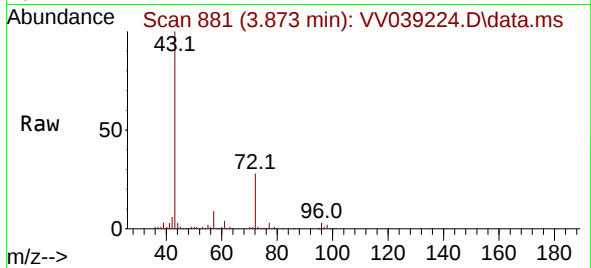




#25
2-Butanone
Concen: 98.528 ug/l
RT: 3.873 min Scan# 881
Delta R.T. 0.013 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

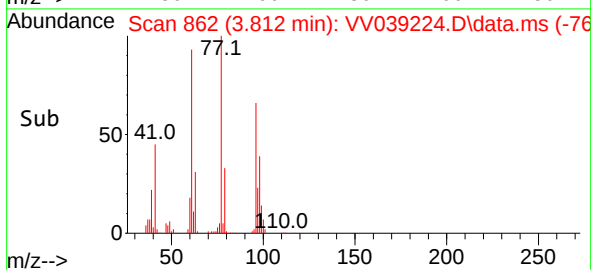
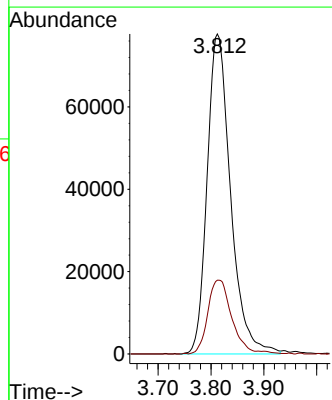
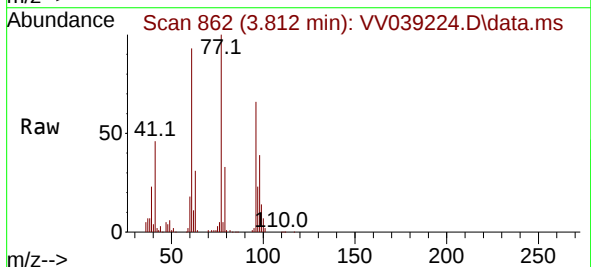
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 589737
Ion Ratio Lower Upper
43 100
72 27.6 21.0 31.6



#26
2,2-Dichloropropane
Concen: 16.607 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 77 Resp: 239643
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.7

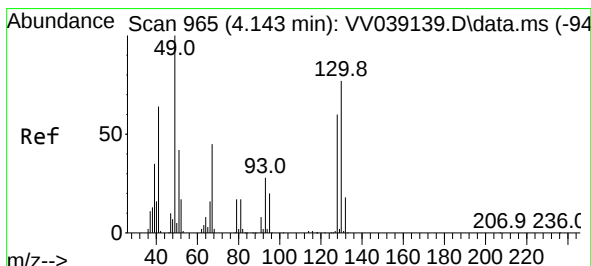
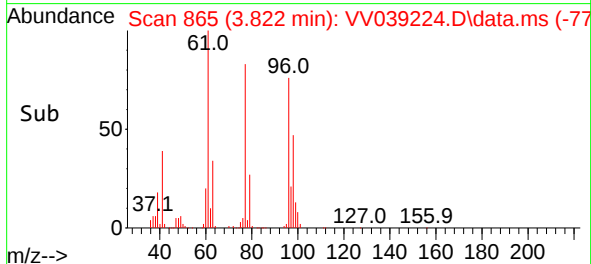
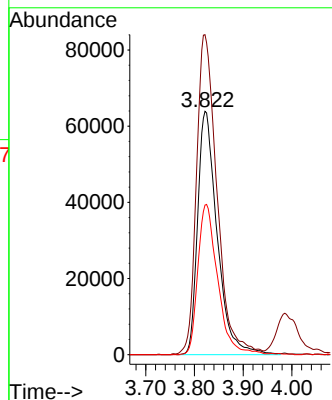
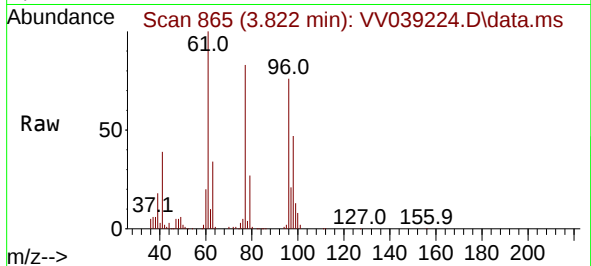




#27
 cis-1,2-Dichloroethene
 Concen: 19.483 ug/l
 RT: 3.822 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV039224.D
 Acq: 29 Sep 2025 12:23

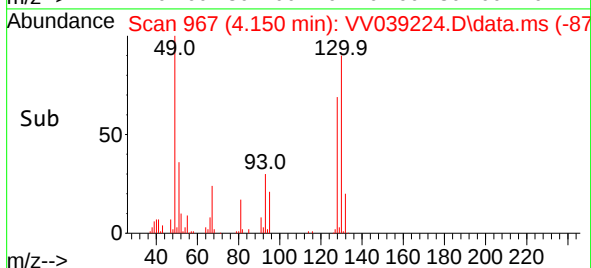
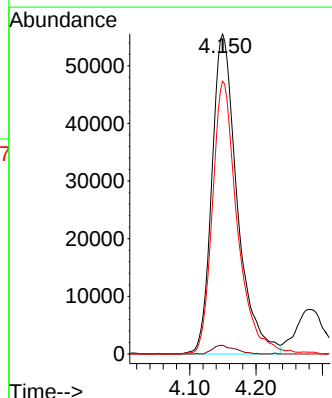
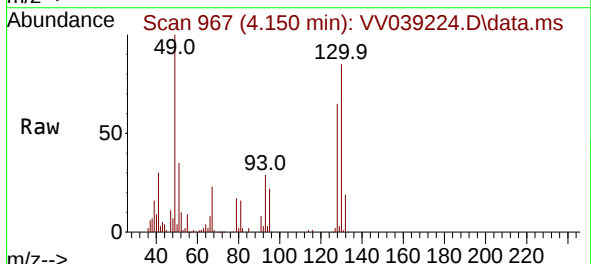
Instrument :
 MSVOA_V
 ClientSampleId :

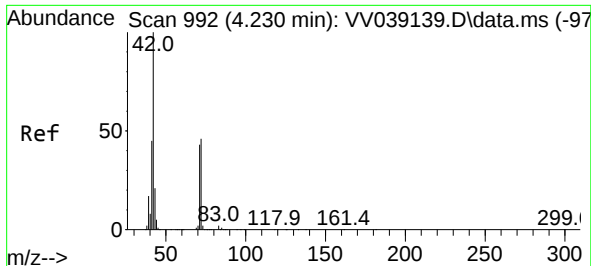
Tgt Ion: 96 Resp: 178123
 Ion Ratio Lower Upper
 96 100
 61 138.4 0.0 286.4
 98 62.7 0.0 126.6



#28
 Bromochloromethane
 Concen: 20.478 ug/l
 RT: 4.150 min Scan# 967
 Delta R.T. 0.006 min
 Lab File: VV039224.D
 Acq: 29 Sep 2025 12:23

Tgt Ion: 49 Resp: 147124
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.2
 130 83.6 60.2 90.2

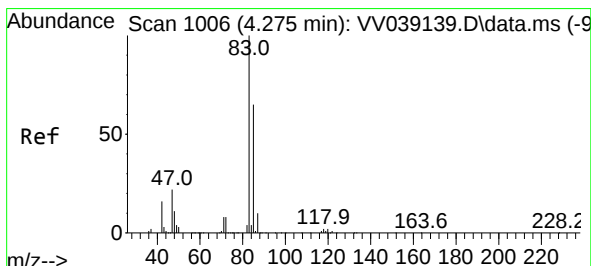
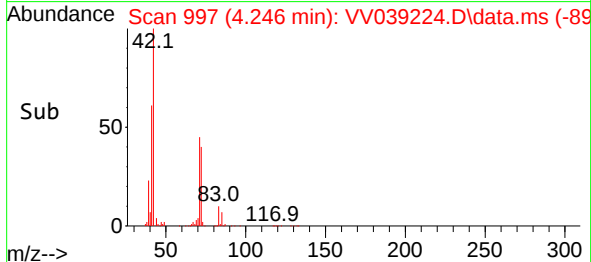
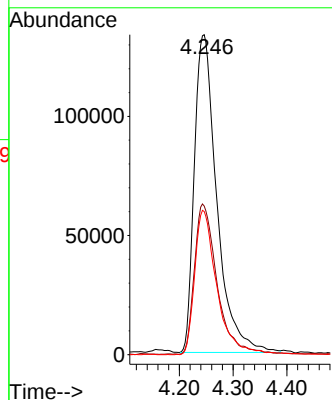
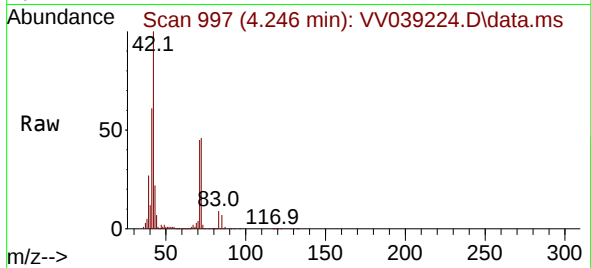




#29
Tetrahydrofuran
Concen: 103.551 ug/l
RT: 4.246 min Scan# 992
Delta R.T. 0.016 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

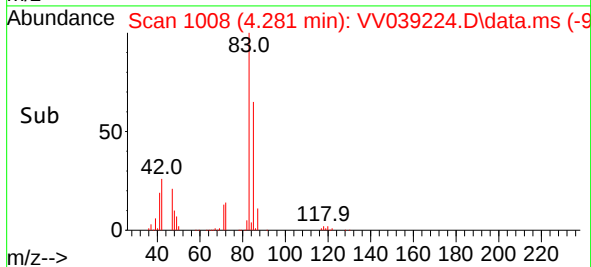
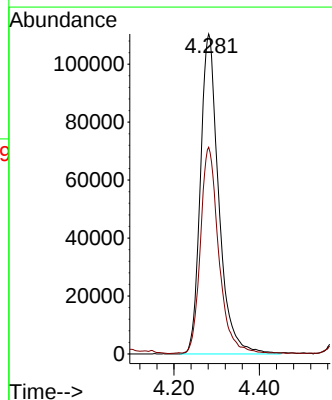
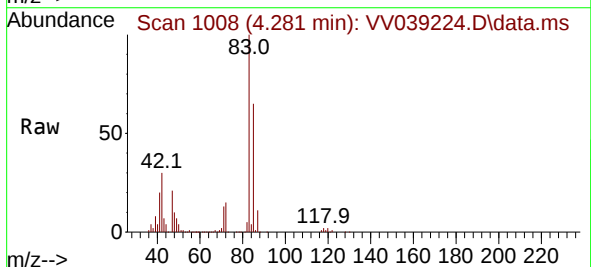
Instrument :
MSVOA_V
ClientSampleId :

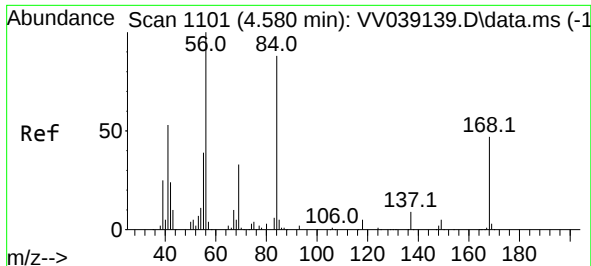
Tgt Ion: 42 Resp: 387946
Ion Ratio Lower Upper
42 100
72 47.3 36.3 54.5
71 45.1 34.3 51.5



#30
Chloroform
Concen: 19.335 ug/l
RT: 4.281 min Scan# 1008
Delta R.T. 0.006 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 83 Resp: 328585
Ion Ratio Lower Upper
83 100
85 64.3 52.1 78.1

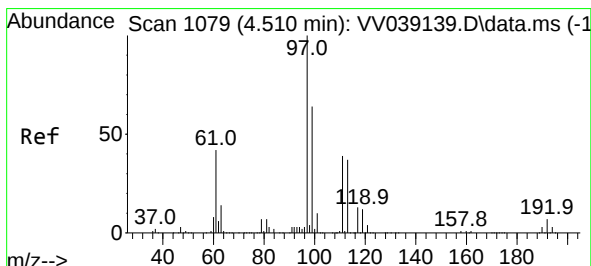
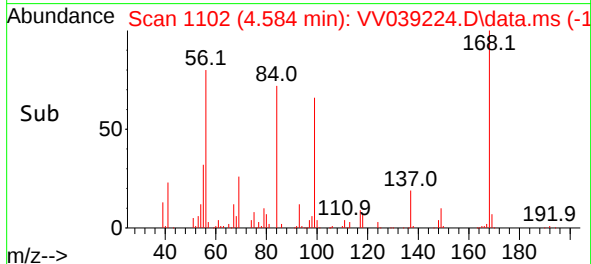
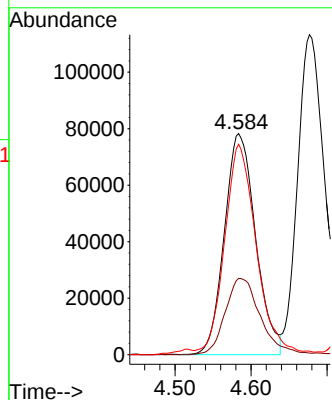
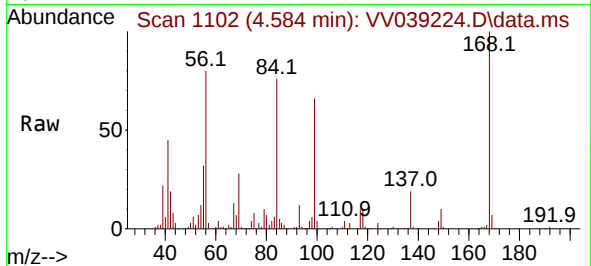




#31
Cyclohexane
Concen: 16.783 ug/l
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

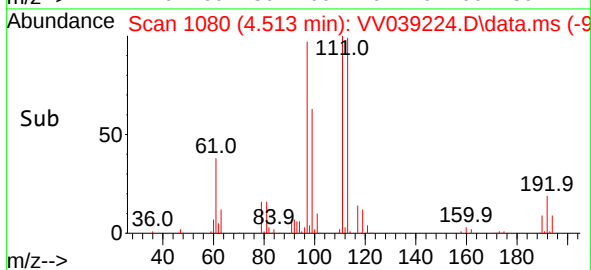
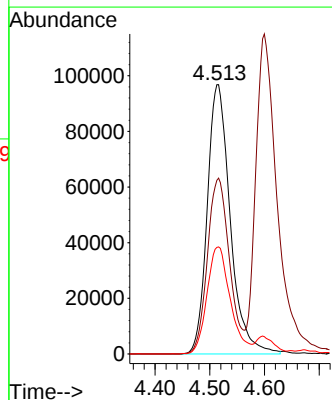
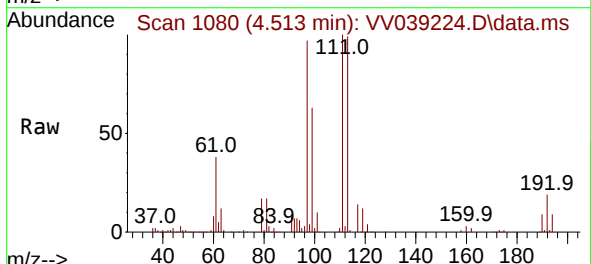
Instrument :
MSVOA_V
ClientSampleId :

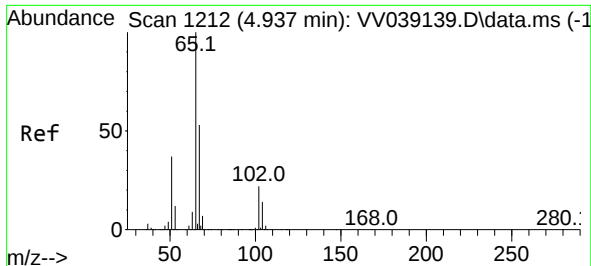
Tgt Ion: 56 Resp: 223750
Ion Ratio Lower Upper
56 100
69 34.4 26.2 39.2
84 93.5 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 19.211 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 97 Resp: 282636
Ion Ratio Lower Upper
97 100
99 62.7 49.6 74.4
61 40.0 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 42.778 ug/l

RT: 4.944 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Instrument :

MSVOA_V

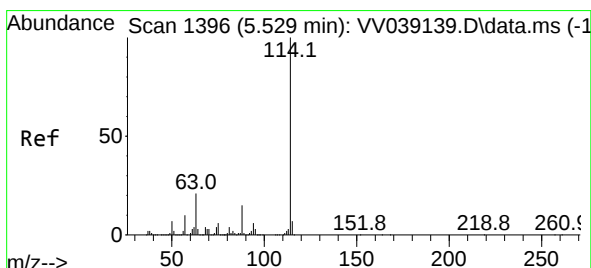
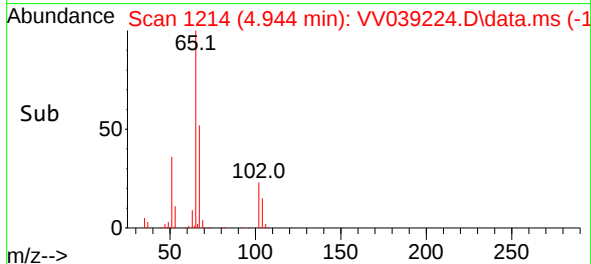
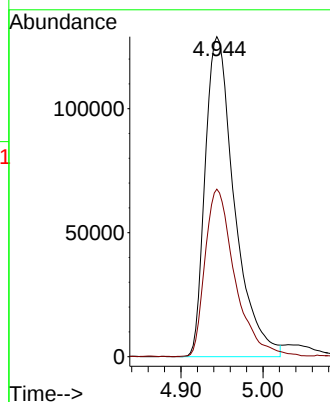
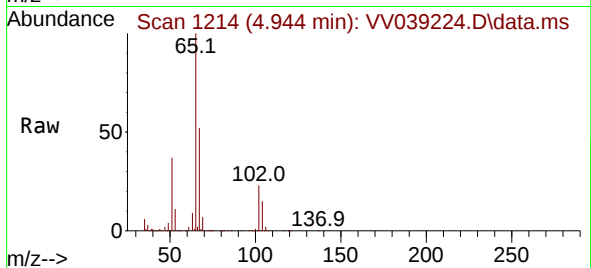
ClientSampleId :

Tgt Ion: 65 Resp: 319747

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

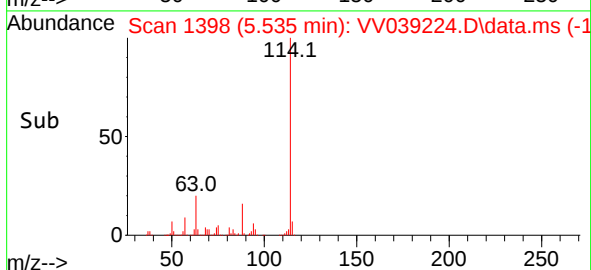
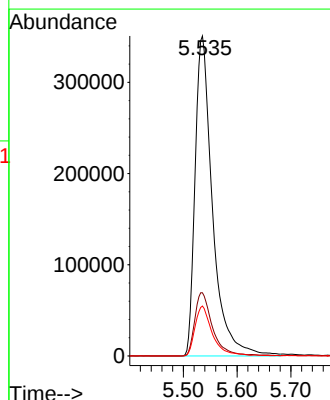
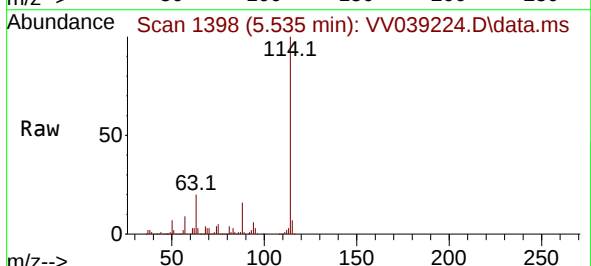
Tgt Ion: 114 Resp: 792956

Ion Ratio Lower Upper

114 100

63 19.7 0.0 42.6

88 15.6 0.0 30.8





#35

Dibromofluoromethane

Concen: 50.231 ug/l

RT: 4.500 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Instrument :

MSVOA_V

ClientSampleId :

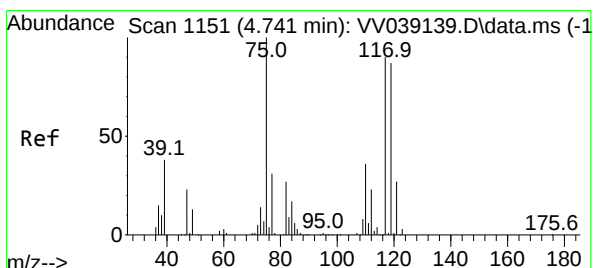
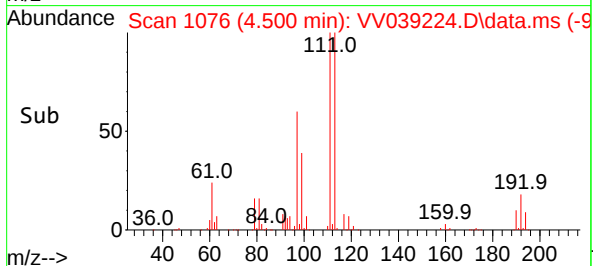
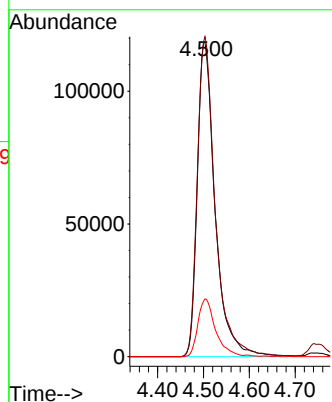
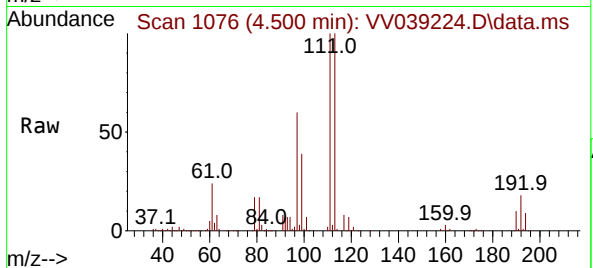
Tgt Ion:113 Resp: 320211

Ion Ratio Lower Upper

113 100

111 102.1 82.4 123.6

192 18.2 13.8 20.8



#36

1,1-Dichloropropene

Concen: 20.218 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. 0.003 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

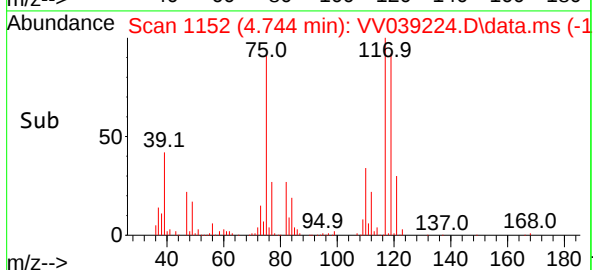
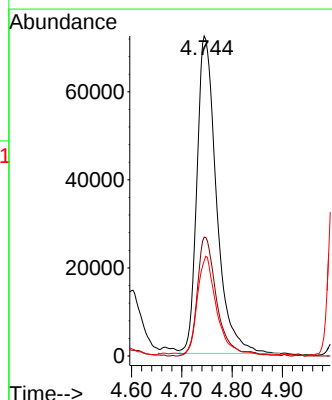
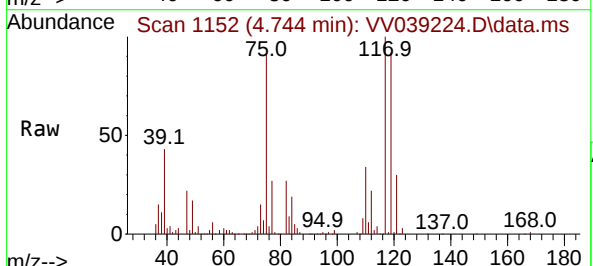
Tgt Ion: 75 Resp: 194860

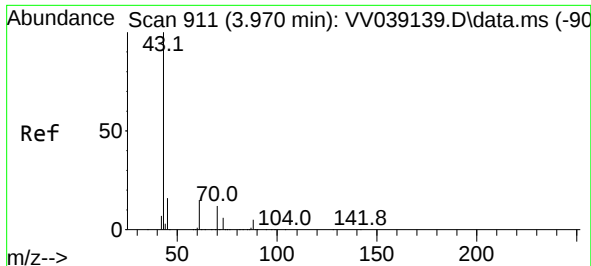
Ion Ratio Lower Upper

75 100

110 37.7 18.1 54.1

77 29.2 24.8 37.2

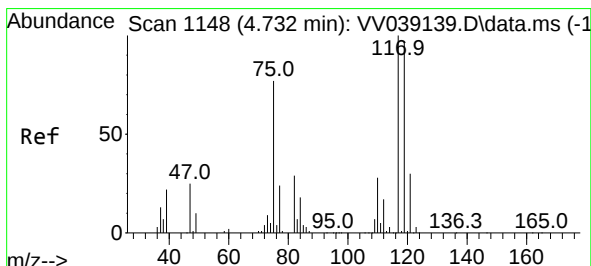
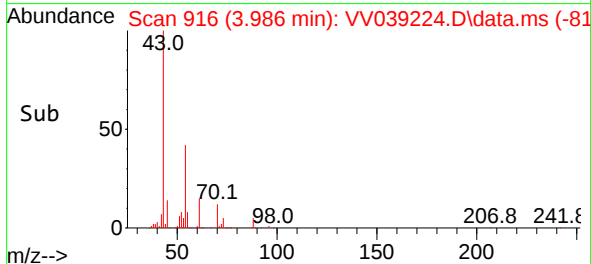
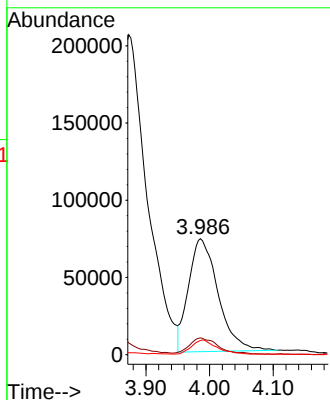
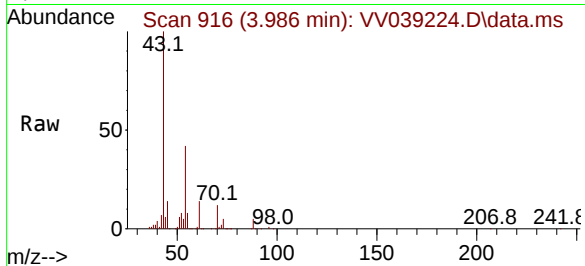




#37
Ethyl Acetate
Concen: 20.249 ug/l
RT: 3.986 min Scan# 911
Delta R.T. 0.016 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

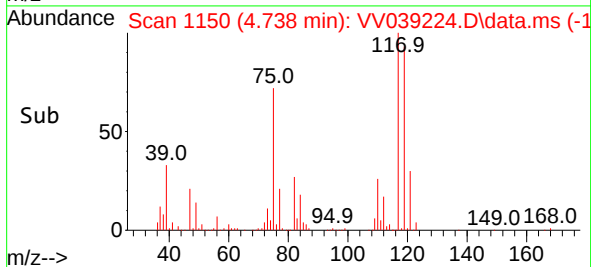
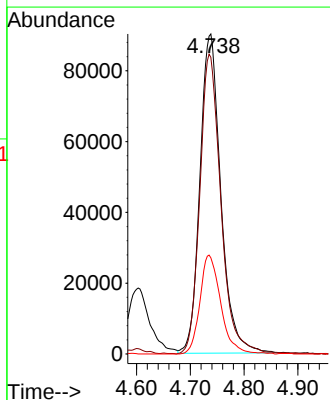
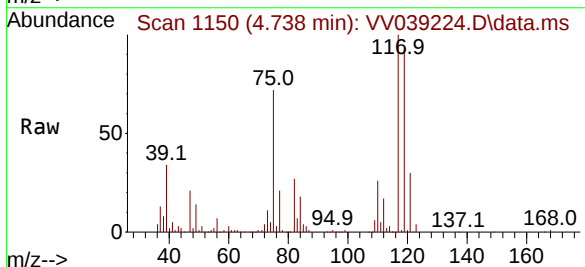
Instrument :
MSVOA_V
ClientSampleId :

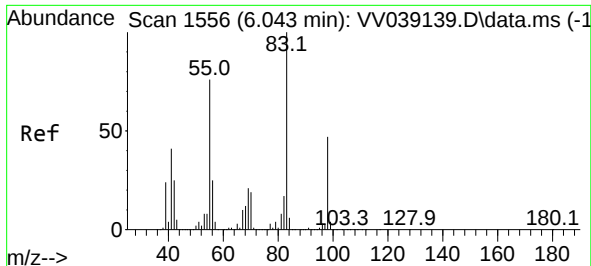
Tgt Ion: 43 Resp: 236815
Ion Ratio Lower Upper
43 100
61 11.9 10.3 15.5
70 10.3 8.0 12.0



#38
Carbon Tetrachloride
Concen: 20.706 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. 0.006 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 117 Resp: 243896
Ion Ratio Lower Upper
117 100
119 92.9 77.2 115.8
121 30.2 24.2 36.2





#39

Methylcyclohexane

Concen: 17.650 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Instrument :

MSVOA_V

ClientSampleId :

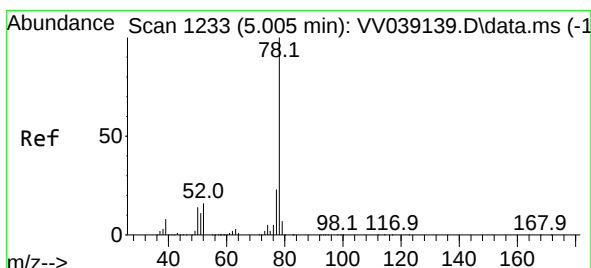
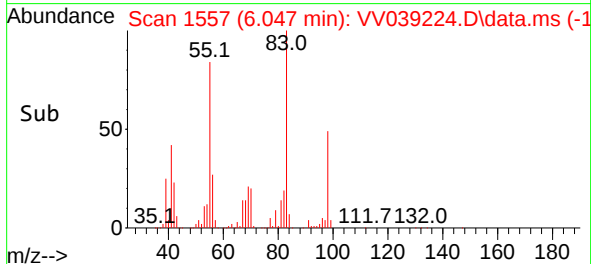
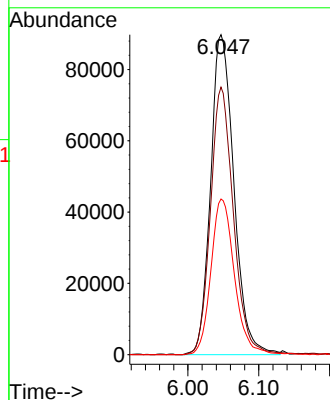
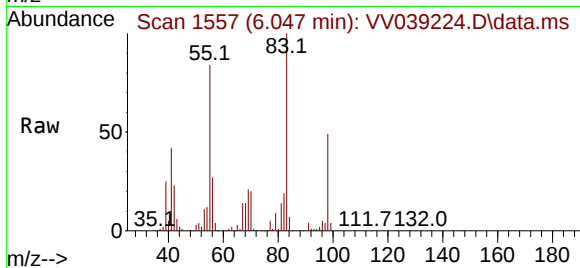
Tgt Ion: 83 Resp: 205429

Ion Ratio Lower Upper

83 100

55 83.6 60.5 90.7

98 48.7 37.8 56.6



#40

Benzene

Concen: 20.619 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.006 min

Lab File: VV039224.D

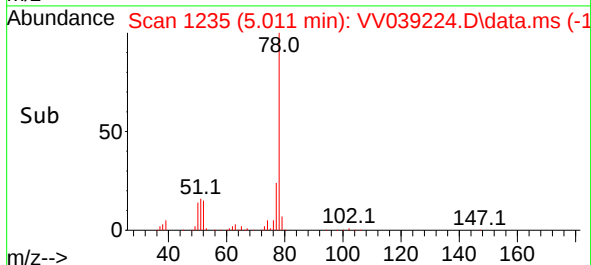
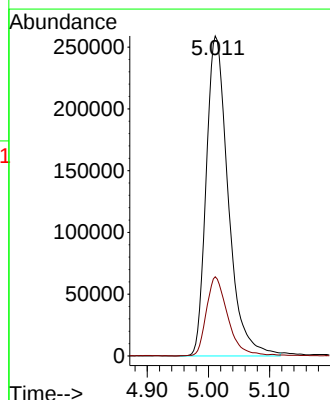
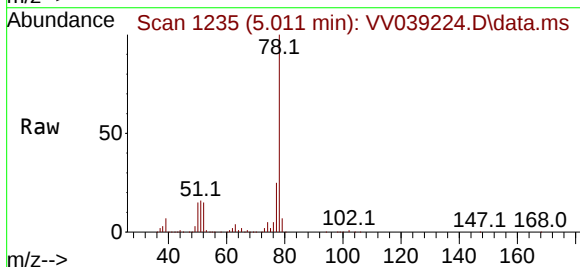
Acq: 29 Sep 2025 12:23

Tgt Ion: 78 Resp: 647129

Ion Ratio Lower Upper

78 100

77 24.7 18.7 28.1

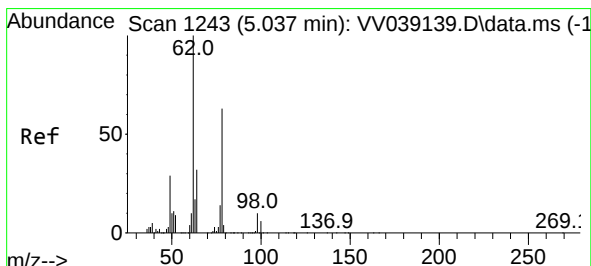
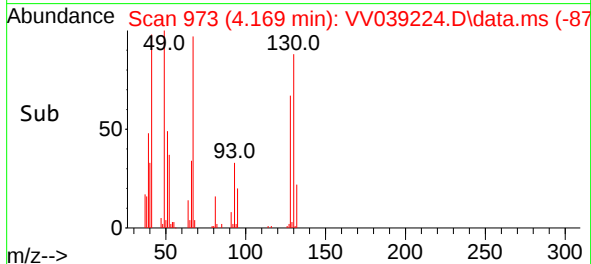
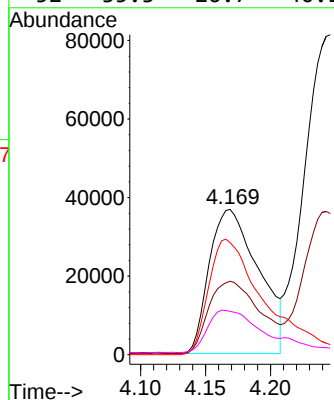
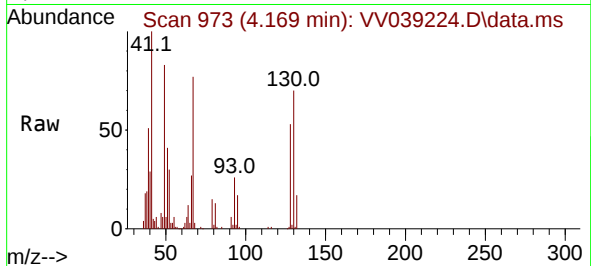




#41
Methacrylonitrile
Concen: 19.547 ug/l
RT: 4.169 min Scan# 91
Delta R.T. 0.016 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

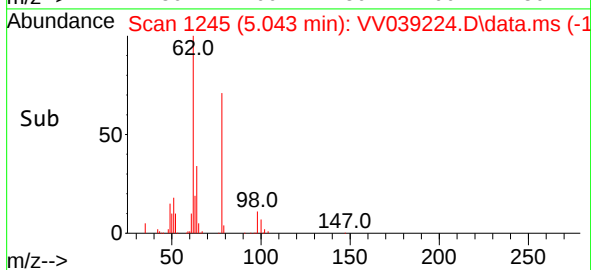
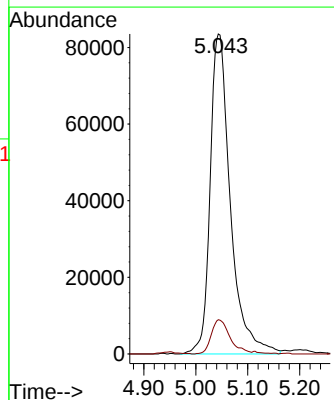
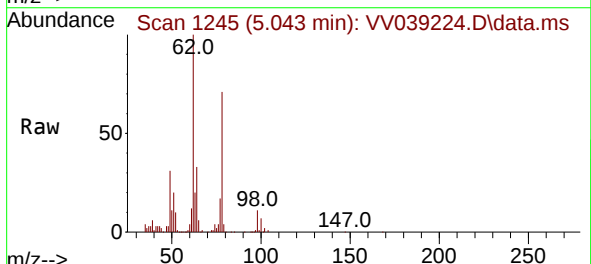
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:	41	Resp:	96963
Ion Ratio	Lower	Upper	
41	100		
39	52.1	42.2	63.2
67	93.5	67.9	101.9
52	35.3	26.7	40.1



#42
1,2-Dichloroethane
Concen: 20.546 ug/l
RT: 5.043 min Scan# 1245
Delta R.T. 0.006 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion:	62	Resp:	225943
Ion Ratio	Lower	Upper	
62	100		
98	9.9	0.0	19.2

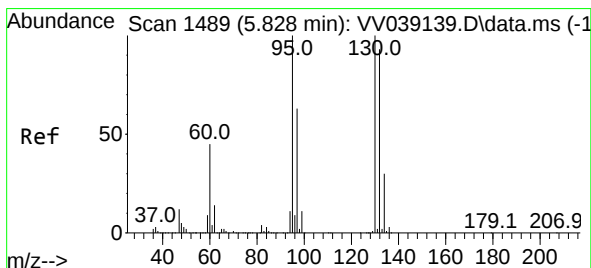
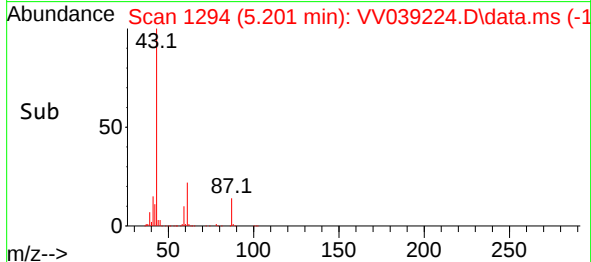
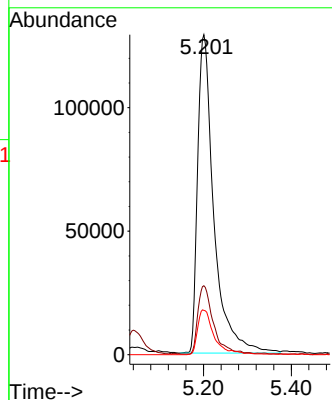
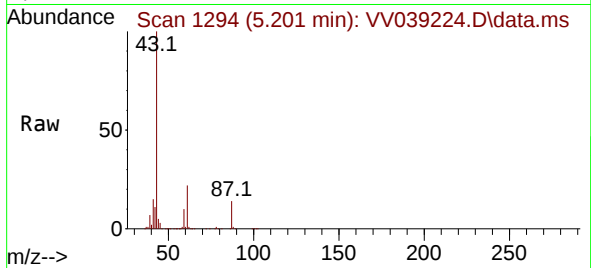




#43
Isopropyl Acetate
Concen: 20.762 ug/l
RT: 5.201 min Scan# 11
Delta R.T. 0.013 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

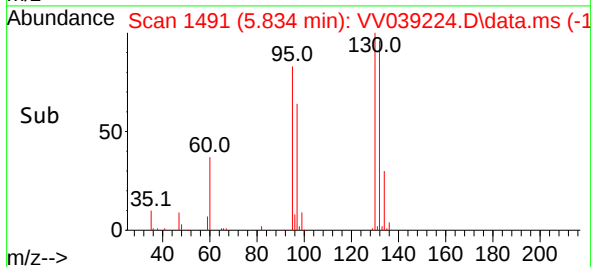
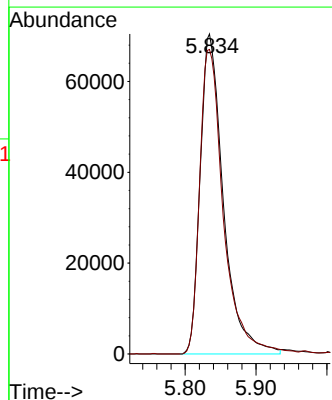
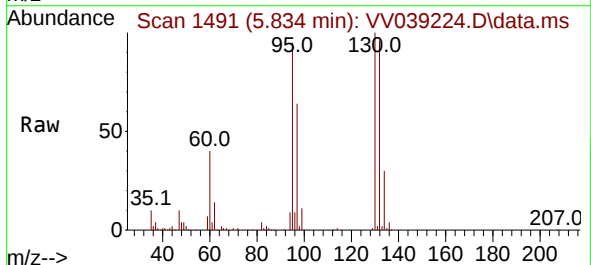
Instrument :
MSVOA_V
ClientSampleId :

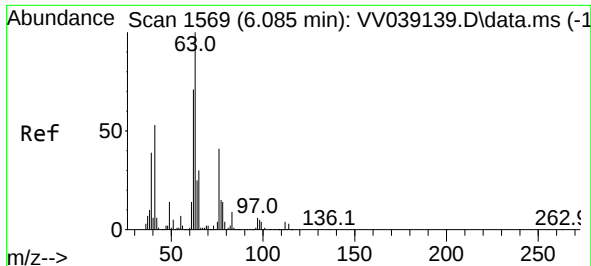
Tgt Ion: 43 Resp: 331062
Ion Ratio Lower Upper
43 100
61 20.0 15.9 23.9
87 13.3 11.0 16.6



#44
Trichloroethene
Concen: 22.097 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion:130 Resp: 160027
Ion Ratio Lower Upper
130 100
95 95.2 0.0 199.2





#45

1,2-Dichloropropane

Concen: 20.387 ug/l

RT: 6.092 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Instrument :

MSVOA_V

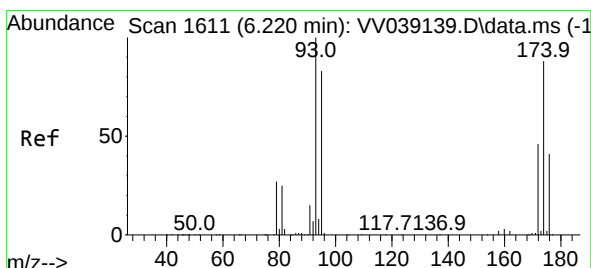
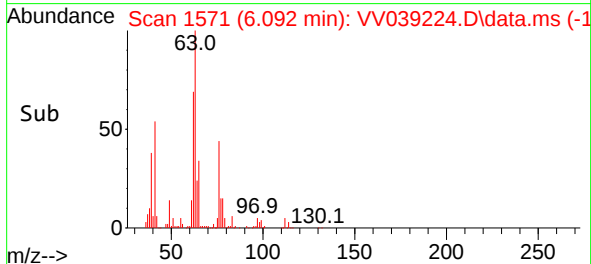
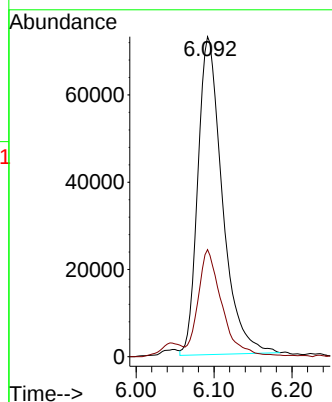
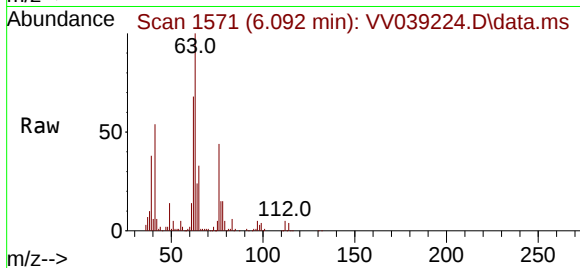
ClientSampleId :

Tgt Ion: 63 Resp: 159034

Ion Ratio Lower Upper

63 100

65 33.4 23.7 35.5



#46

Dibromomethane

Concen: 21.439 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.010 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

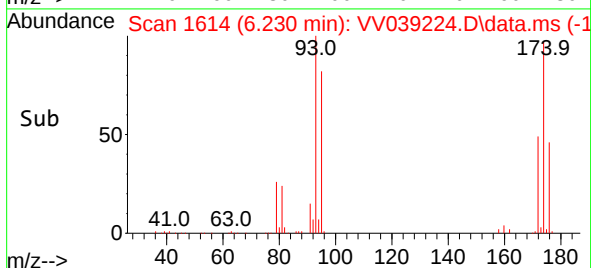
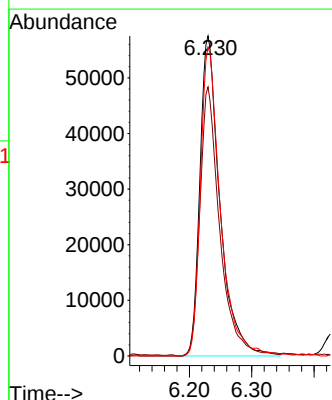
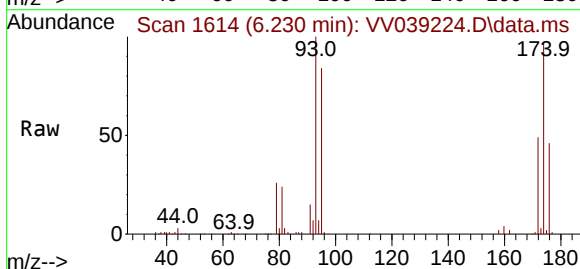
Tgt Ion: 93 Resp: 128007

Ion Ratio Lower Upper

93 100

95 83.2 65.5 98.3

174 96.7 69.0 103.4

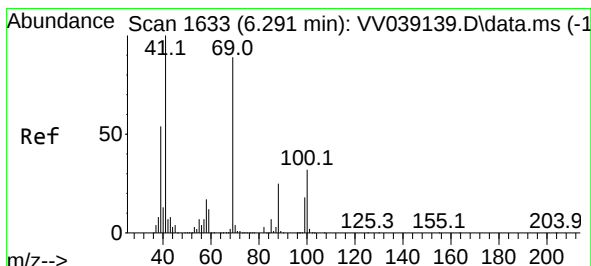
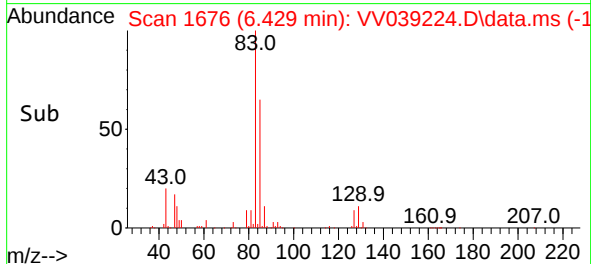
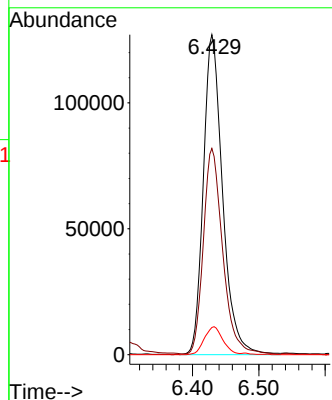
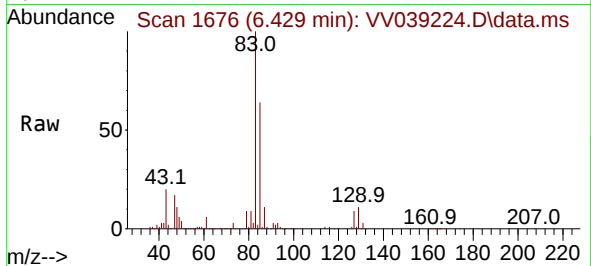




#47
Bromodichloromethane
Concen: 20.791 ug/l
RT: 6.429 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

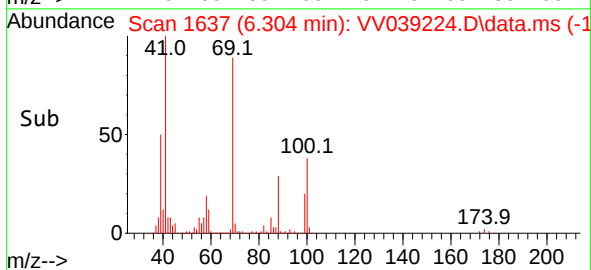
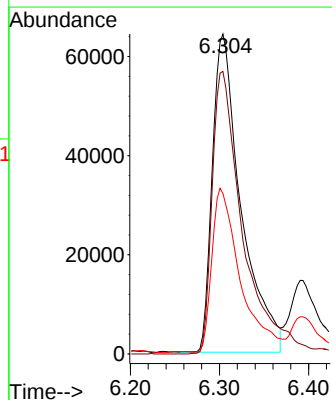
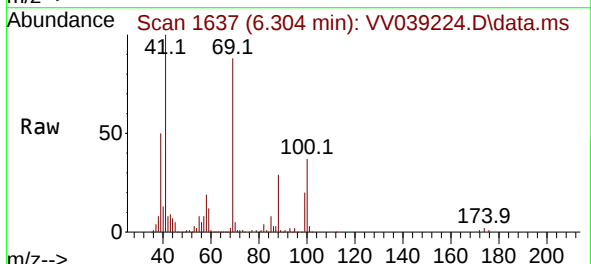
Instrument :
MSVOA_V
ClientSampleId :

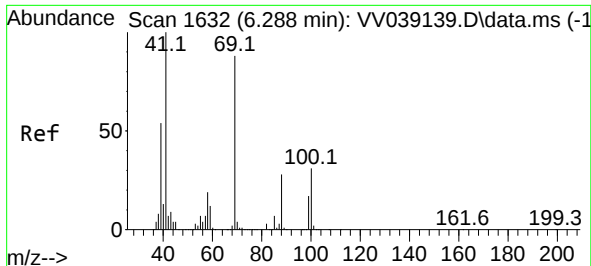
Tgt Ion: 83 Resp: 256635
Ion Ratio Lower Upper
83 100
85 64.3 49.7 74.5
127 8.5 6.6 9.8



#48
Methyl methacrylate
Concen: 19.866 ug/l
RT: 6.304 min Scan# 1637
Delta R.T. 0.013 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 41 Resp: 143594
Ion Ratio Lower Upper
41 100
69 94.5 72.4 108.6
39 50.9 42.5 63.7





#49

1,4-Dioxane

Concen: 450.027 ug/l

RT: 6.297 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Instrument :

MSVOA_V

ClientSampleId :

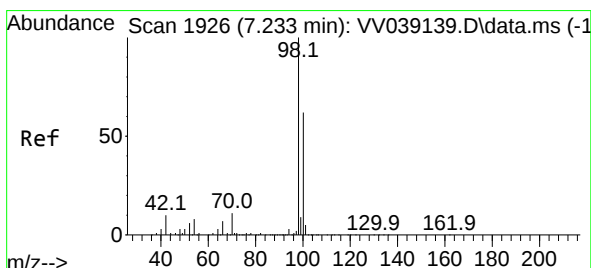
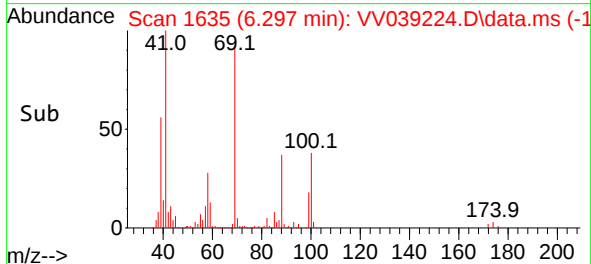
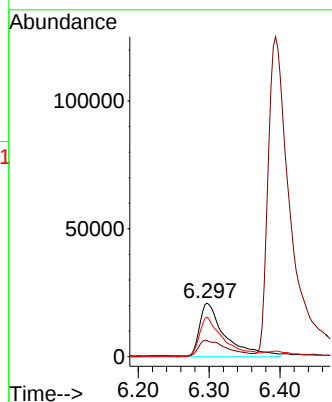
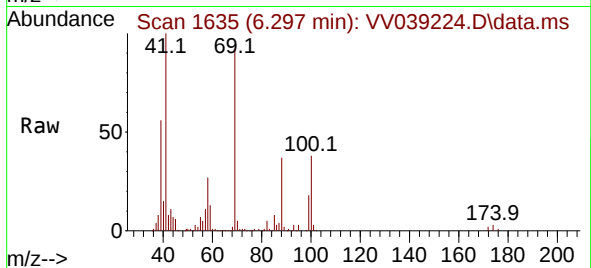
Tgt Ion: 88 Resp: 52495

Ion Ratio Lower Upper

88 100

43 32.2 25.1 37.7

58 69.8 53.6 80.4



#50

Toluene-d8

Concen: 47.072 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039224.D

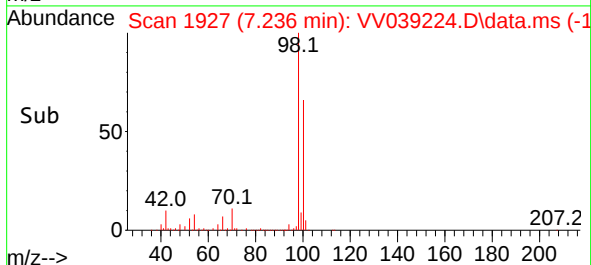
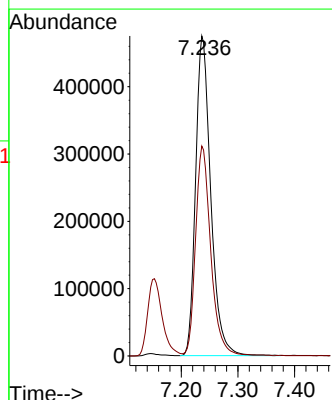
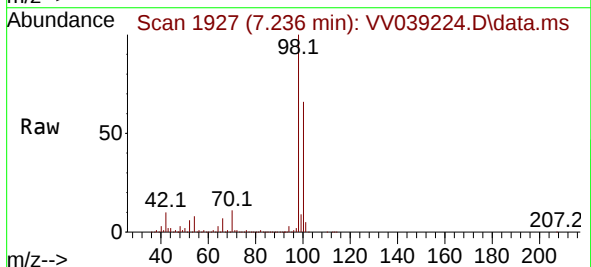
Acq: 29 Sep 2025 12:23

Tgt Ion: 98 Resp: 881306

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 115.662 ug/l

RT: 7.149 min Scan# 1900

Delta R.T. 0.003 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Instrument :

MSVOA_V

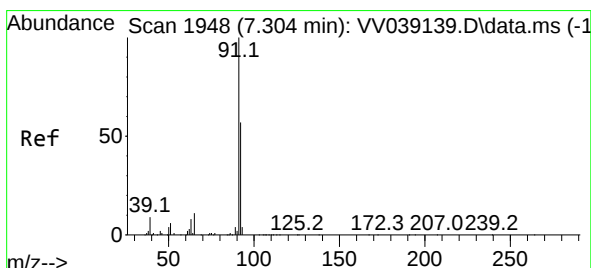
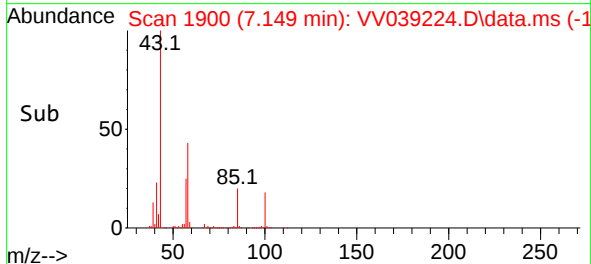
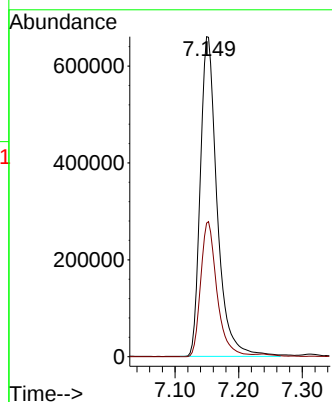
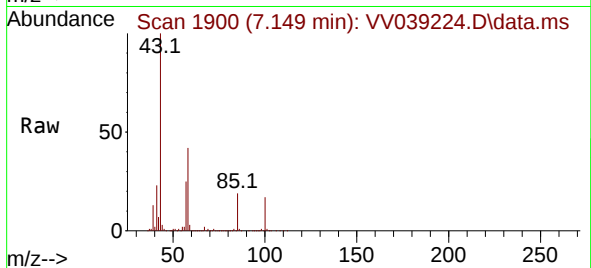
ClientSampleId :

Tgt Ion: 43 Resp: 1213345

Ion Ratio Lower Upper

43 100

58 41.1 32.3 48.5



#52

Toluene

Concen: 22.137 ug/l

RT: 7.310 min Scan# 1950

Delta R.T. 0.006 min

Lab File: VV039224.D

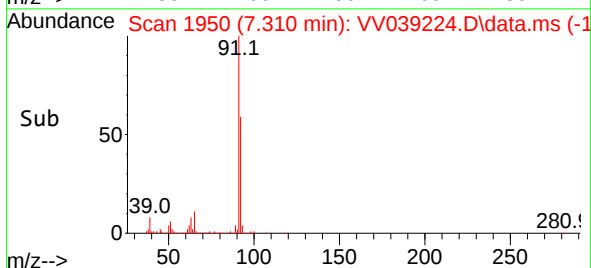
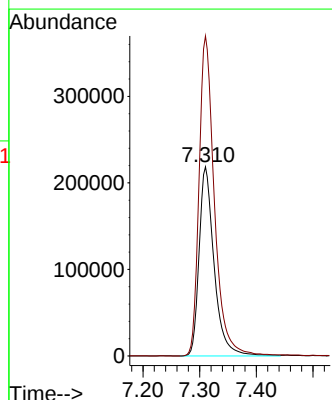
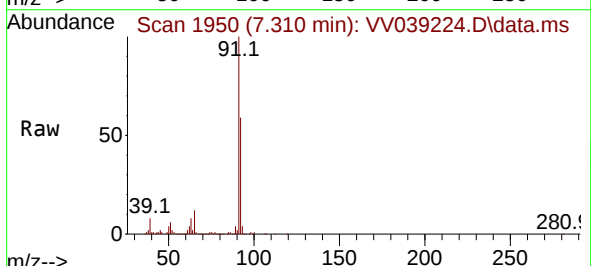
Acq: 29 Sep 2025 12:23

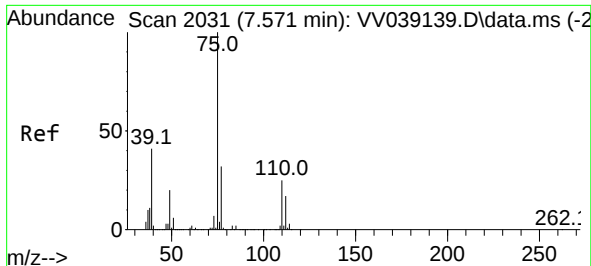
Tgt Ion: 92 Resp: 402833

Ion Ratio Lower Upper

92 100

91 172.8 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 21.329 ug/l

RT: 7.577 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Instrument :

MSVOA_V

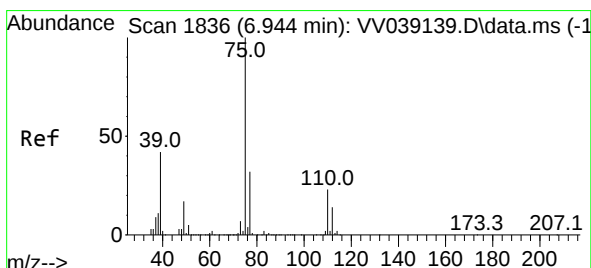
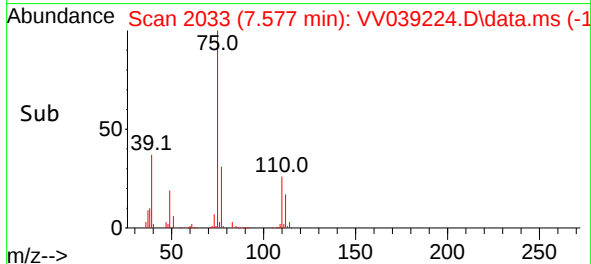
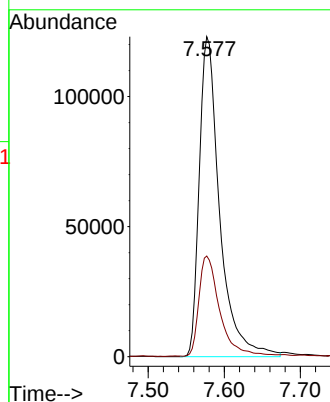
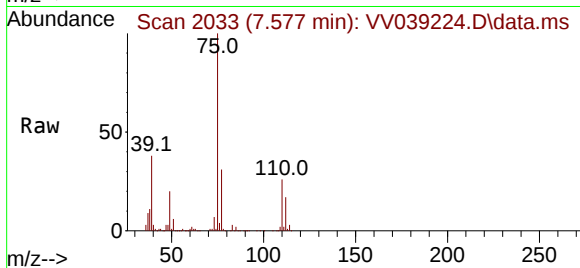
ClientSampleId :

Tgt Ion: 75 Resp: 229437

Ion Ratio Lower Upper

75 100

77 31.3 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 21.568 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.006 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

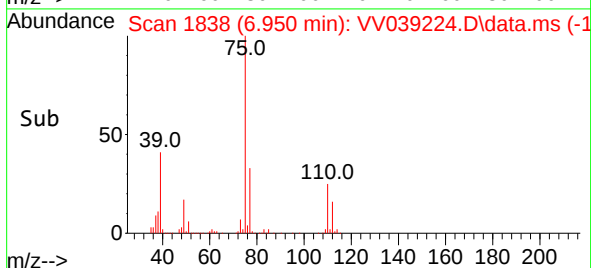
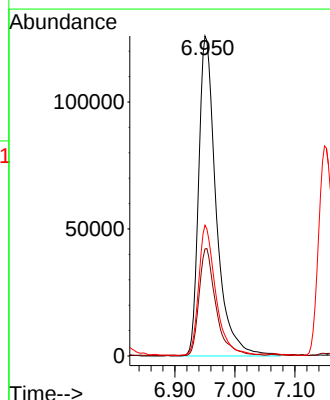
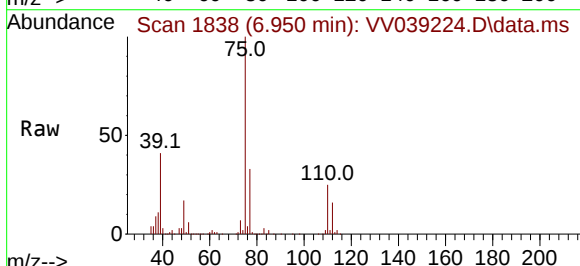
Tgt Ion: 75 Resp: 256128

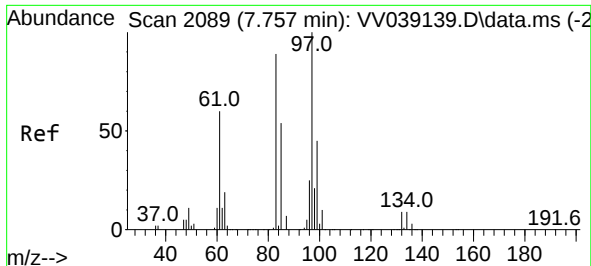
Ion Ratio Lower Upper

75 100

77 33.4 25.5 38.3

39 40.6 33.8 50.6



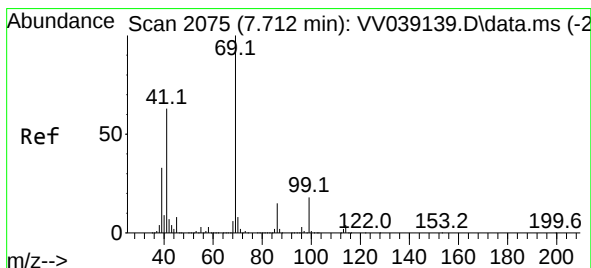
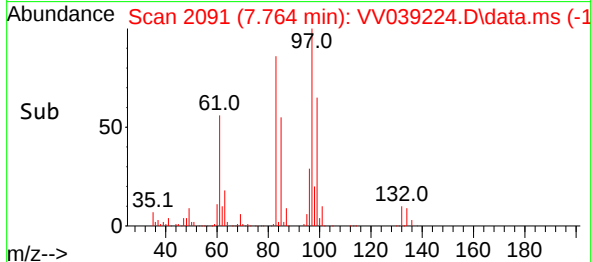
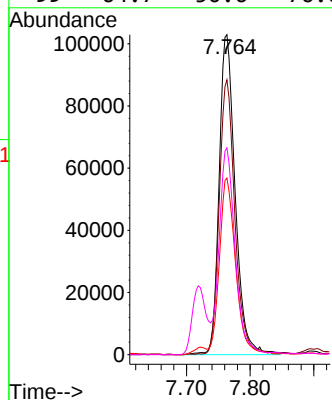
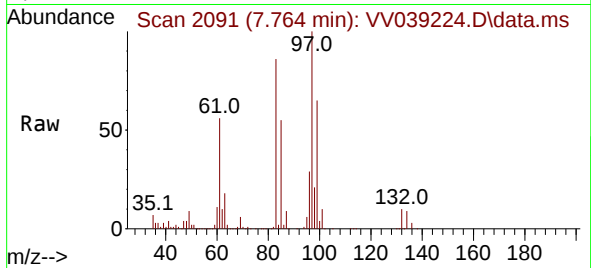


#55
 1,1,2-Trichloroethane
 Concen: 22.104 ug/l
 RT: 7.764 min Scan# 2089
 Delta R.T. 0.007 min
 Lab File: VV039224.D
 Acq: 29 Sep 2025 12:23

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 97 Resp: 180352

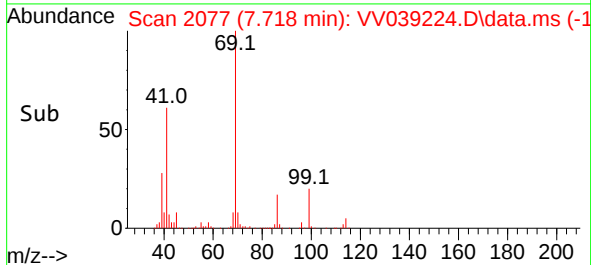
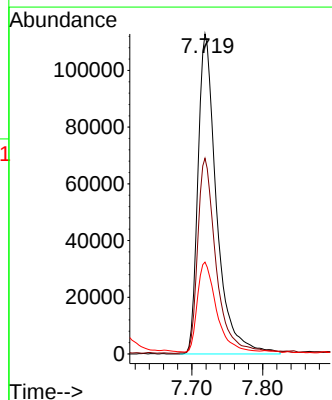
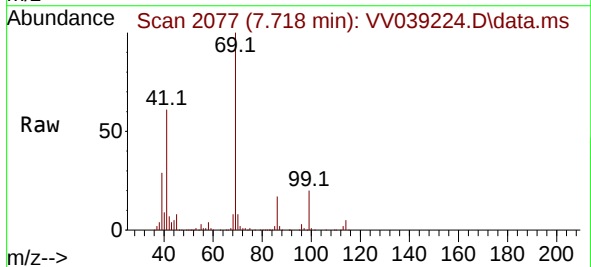
Ion	Ratio	Lower	Upper
97	100		
83	85.9	71.1	106.7
85	55.2	44.6	67.0
99	64.7	50.6	76.0

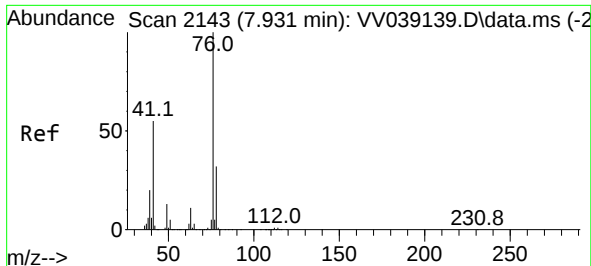


#56
 Ethyl methacrylate
 Concen: 21.263 ug/l
 RT: 7.718 min Scan# 2077
 Delta R.T. 0.006 min
 Lab File: VV039224.D
 Acq: 29 Sep 2025 12:23

Tgt Ion: 69 Resp: 206033

Ion	Ratio	Lower	Upper
69	100		
41	60.6	50.7	76.1
39	28.5	26.0	39.0

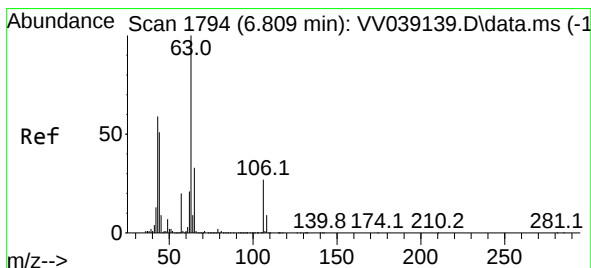
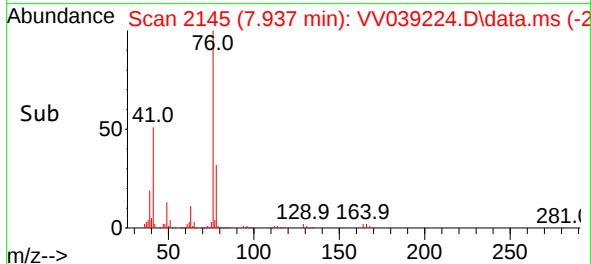
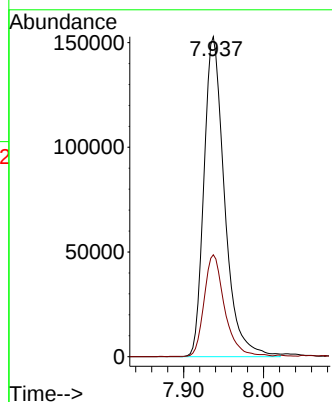
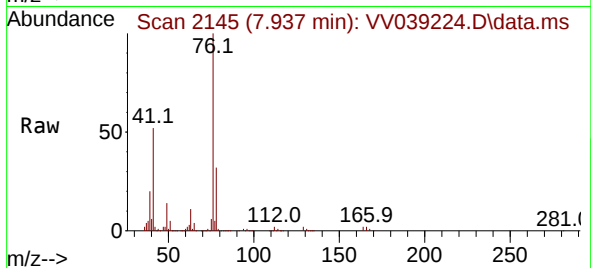




#57
1,3-Dichloropropane
Concen: 21.324 ug/l
RT: 7.937 min Scan# 2143
Delta R.T. 0.006 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

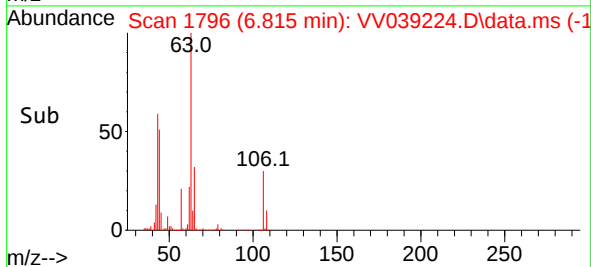
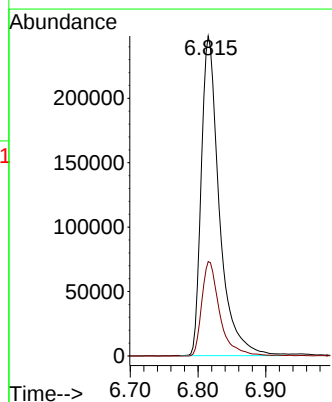
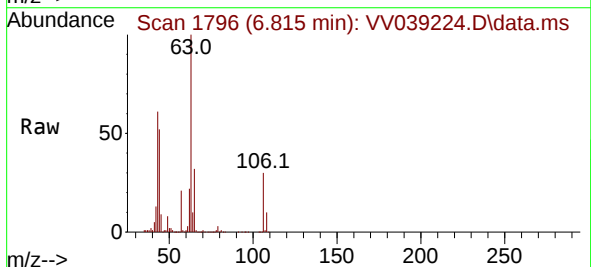
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 76 Resp: 274579
Ion Ratio Lower Upper
76 100
78 31.9 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 90.272 ug/l
RT: 6.815 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 63 Resp: 458913
Ion Ratio Lower Upper
63 100
106 29.3 22.1 33.1

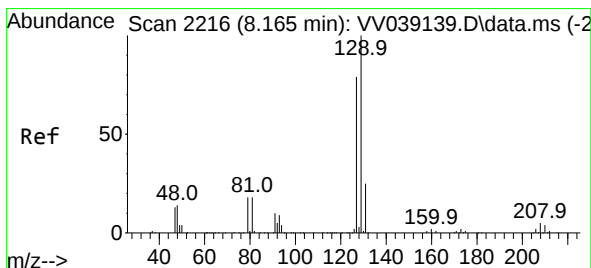
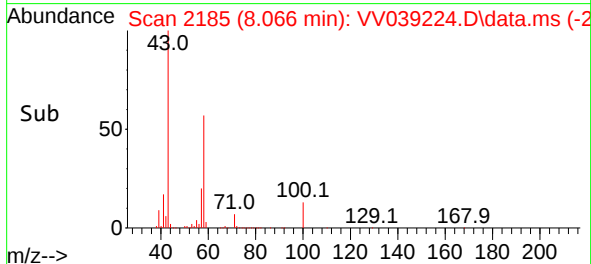
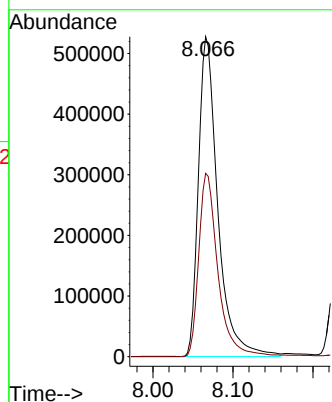
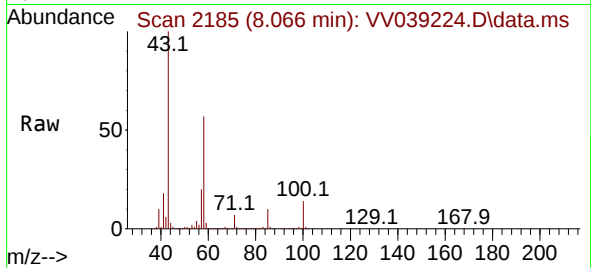




#59
2-Hexanone
Concen: 106.332 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.007 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

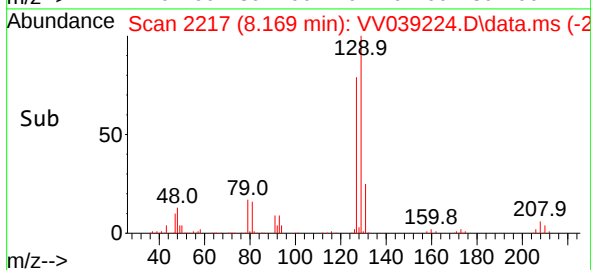
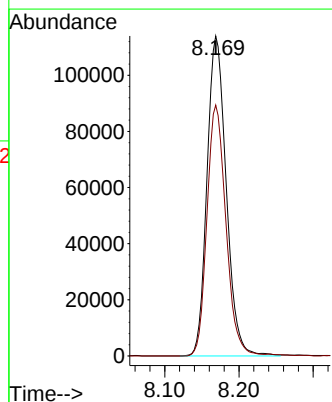
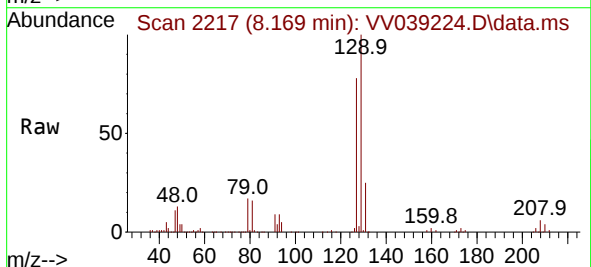
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 43 Resp: 888978
Ion Ratio Lower Upper
43 100
58 57.6 28.3 85.0



#60
Dibromochloromethane
Concen: 22.022 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 129 Resp: 204739
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.9

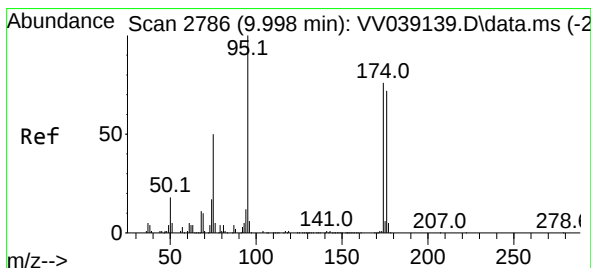
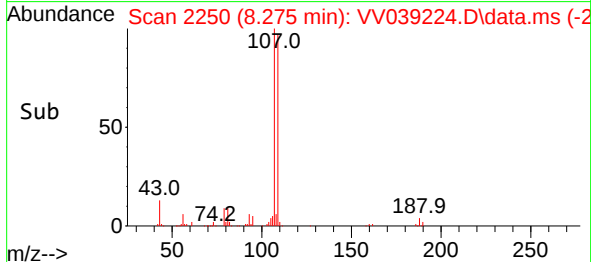
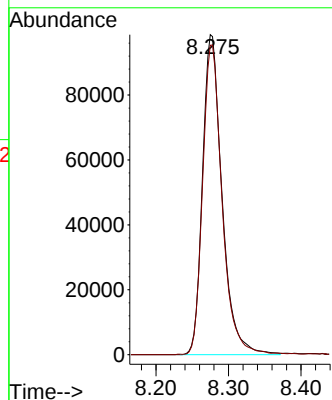
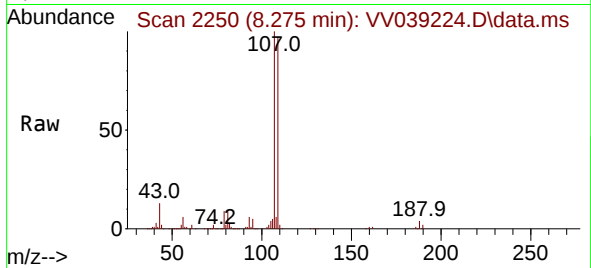




#61
 1,2-Dibromoethane
 Concen: 22.089 ug/l
 RT: 8.275 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV039224.D
 Acq: 29 Sep 2025 12:23

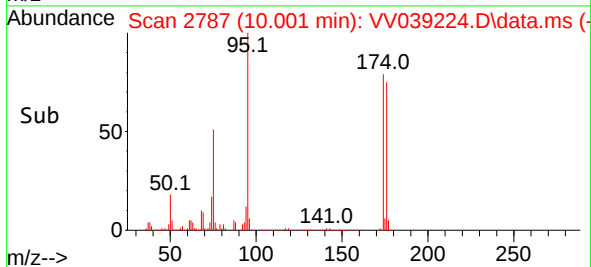
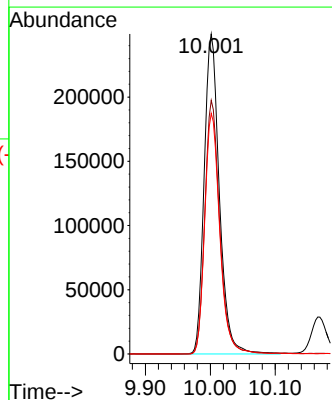
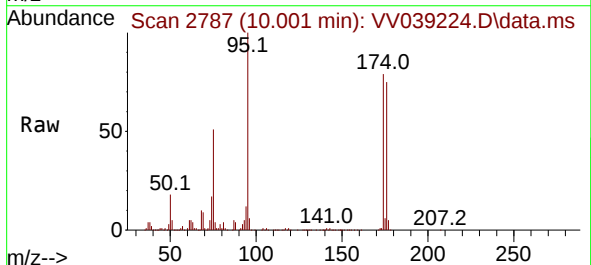
Instrument :
 MSVOA_V
 ClientSampleId :

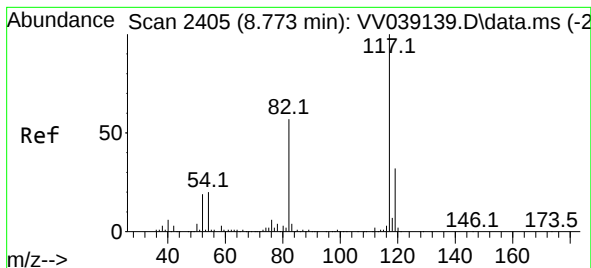
Tgt Ion:107 Resp: 184314
 Ion Ratio Lower Upper
 107 100
 109 96.5 74.6 112.0



#62
 4-Bromofluorobenzene
 Concen: 52.700 ug/l
 RT: 10.001 min Scan# 2787
 Delta R.T. 0.003 min
 Lab File: VV039224.D
 Acq: 29 Sep 2025 12:23

Tgt Ion: 95 Resp: 406193
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 150.4
 176 74.4 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2405

Delta R.T. 0.003 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Instrument :

MSVOA_V

ClientSampleId :

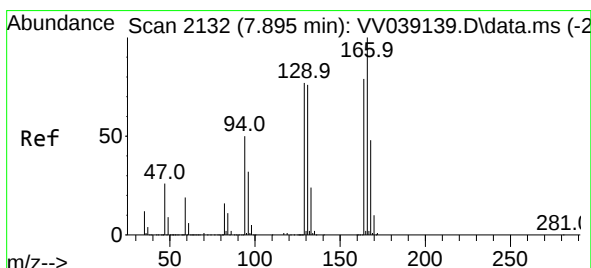
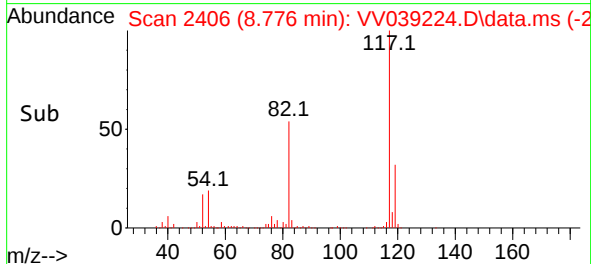
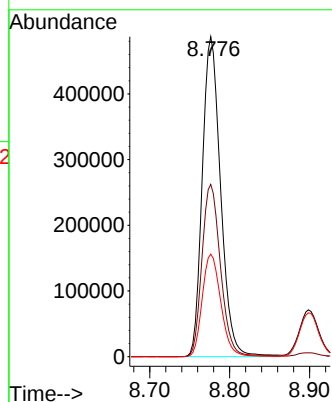
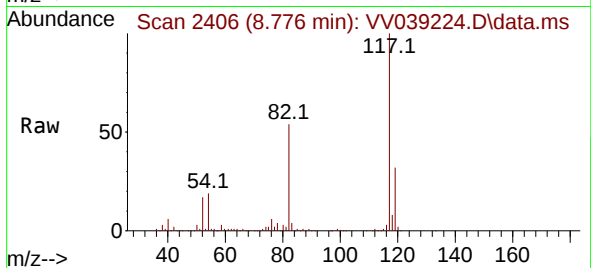
Tgt Ion:117 Resp: 778611

Ion Ratio Lower Upper

117 100

82 53.8 45.4 68.2

119 32.1 25.6 38.4



#64

Tetrachloroethene

Concen: 21.989 ug/l

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Tgt Ion:164 Resp: 143400

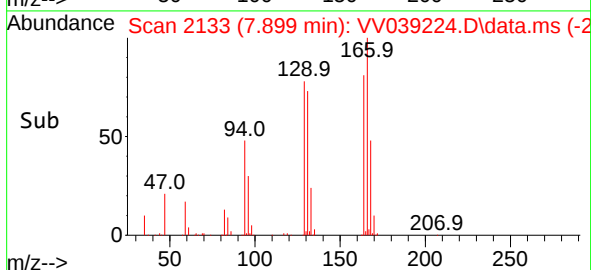
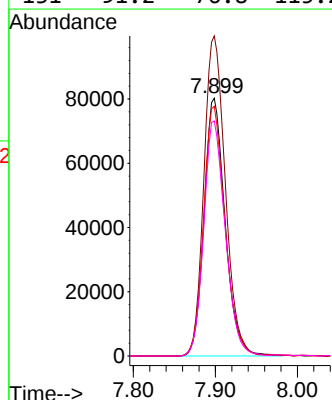
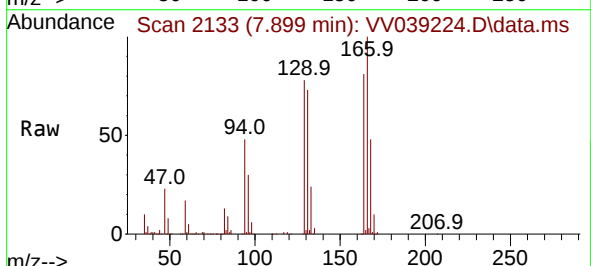
Ion Ratio Lower Upper

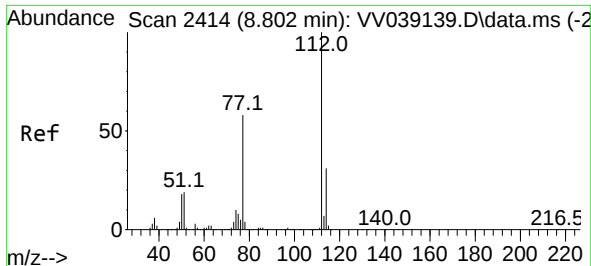
164 100

166 124.1 101.6 152.4

129 96.9 78.5 117.7

131 91.2 76.8 115.2

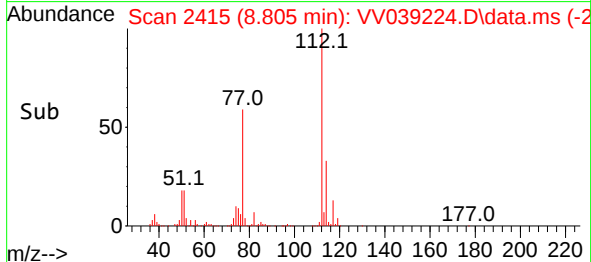
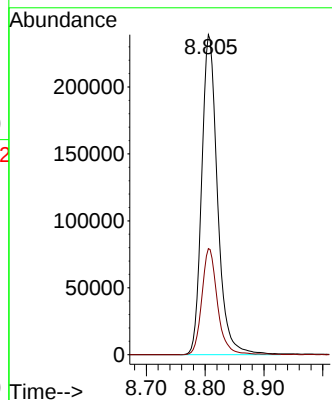
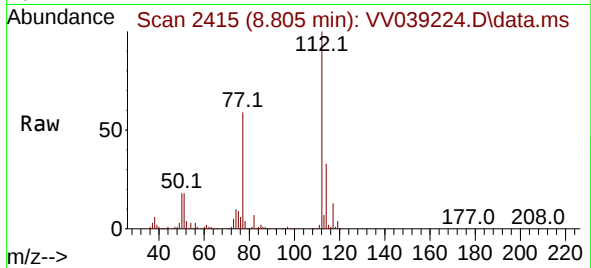




#65
Chlorobenzene
Concen: 20.614 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

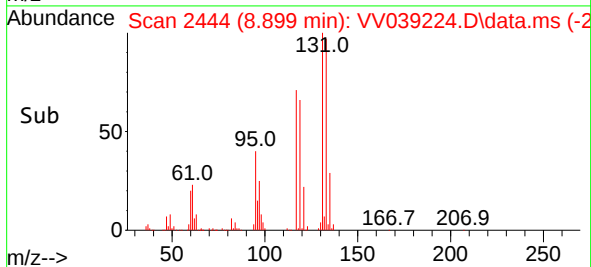
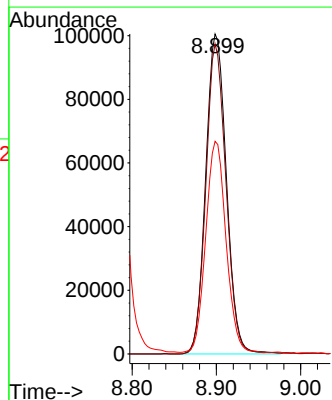
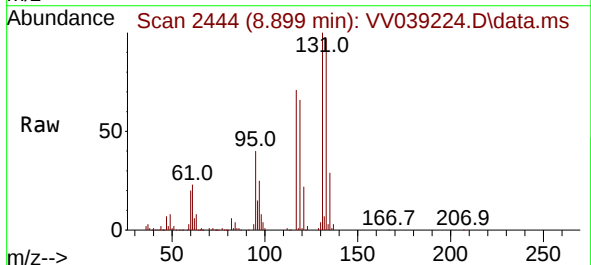
Instrument :
MSVOA_V
ClientSampleId :

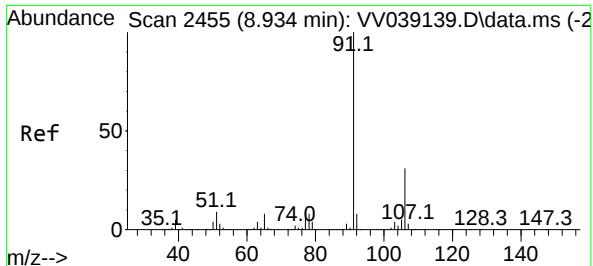
Tgt Ion:112 Resp: 447060
Ion Ratio Lower Upper
112 100
114 33.2 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 21.934 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion:131 Resp: 171881
Ion Ratio Lower Upper
131 100
133 94.3 47.3 141.8
119 65.1 33.3 99.8





#67

Ethyl Benzene

Concen: 20.710 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Instrument :

MSVOA_V

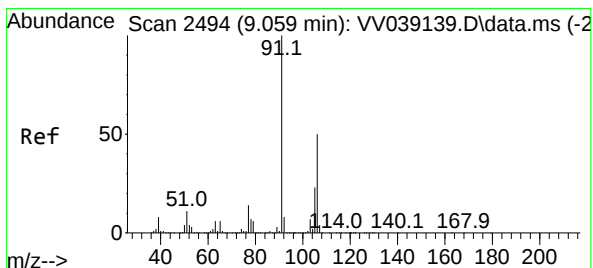
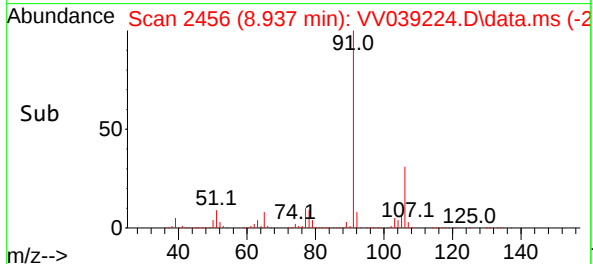
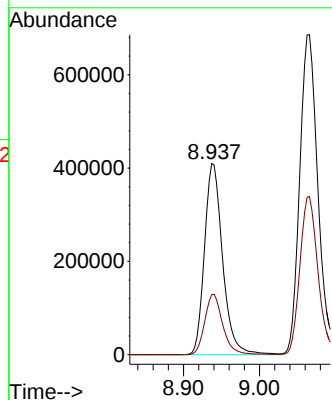
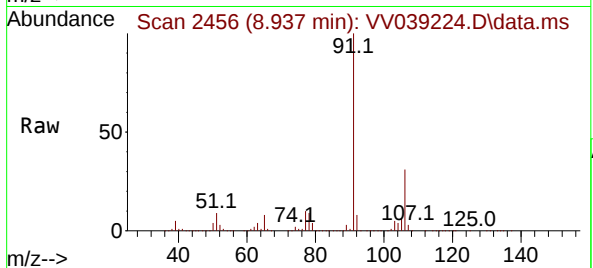
ClientSampleId :

Tgt Ion: 91 Resp: 679904

Ion Ratio Lower Upper

91 100

106 31.4 24.6 37.0



#68

m/p-Xylenes

Concen: 44.453 ug/l

RT: 9.066 min Scan# 2496

Delta R.T. 0.007 min

Lab File: VV039224.D

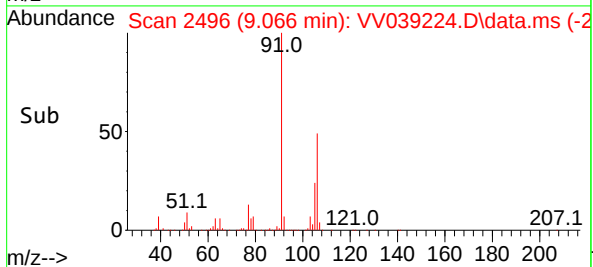
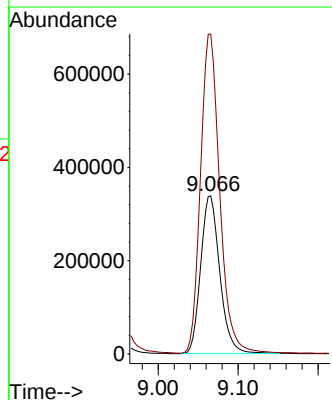
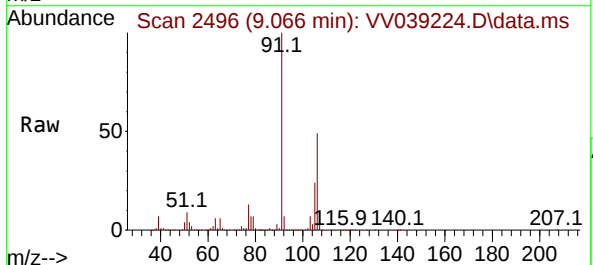
Acq: 29 Sep 2025 12:23

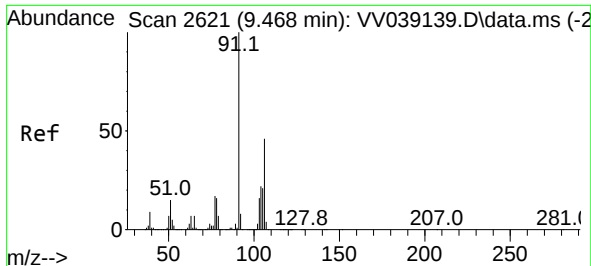
Tgt Ion: 106 Resp: 563248

Ion Ratio Lower Upper

106 100

91 203.7 162.5 243.7

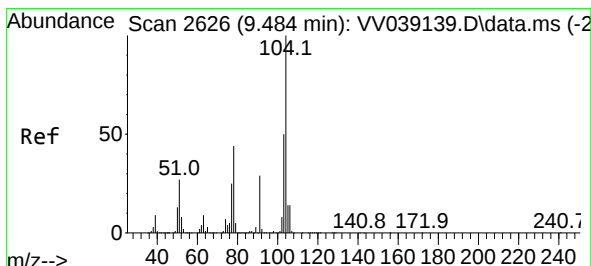
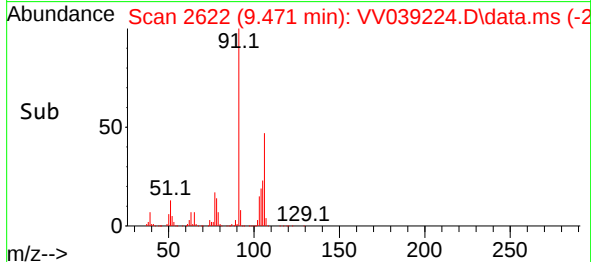
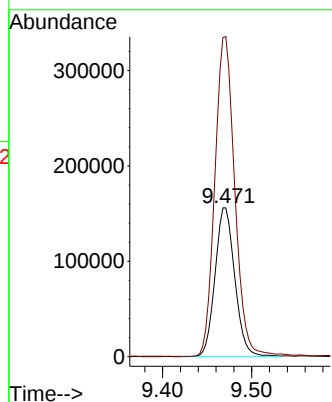
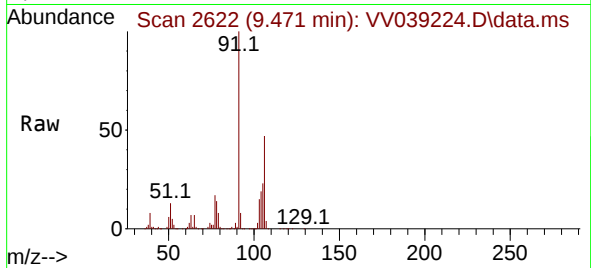




#69
o-Xylene
Concen: 21.475 ug/l
RT: 9.471 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

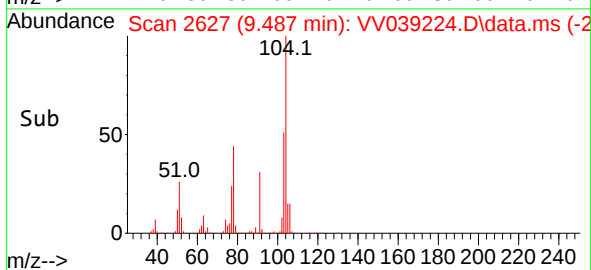
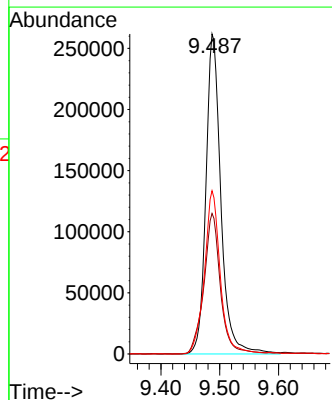
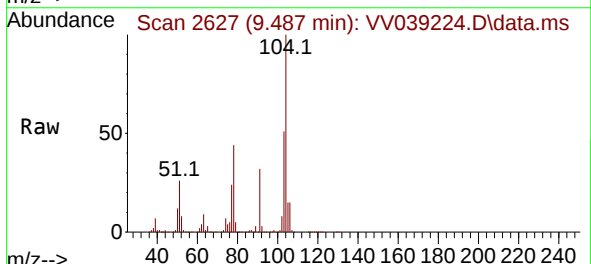
Instrument :
MSVOA_V
ClientSampleId :

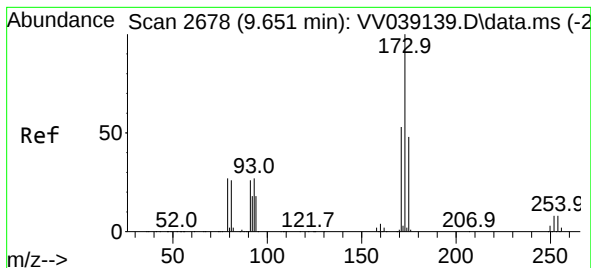
Tgt Ion:106 Resp: 240935
Ion Ratio Lower Upper
106 100
91 217.1 109.1 327.3



#70
Styrene
Concen: 20.357 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion:104 Resp: 463036
Ion Ratio Lower Upper
104 100
78 48.5 39.8 59.6
103 54.0 43.4 65.2





#71

Bromoform

Concen: 23.619 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Instrument :

MSVOA_V

ClientSampleId :

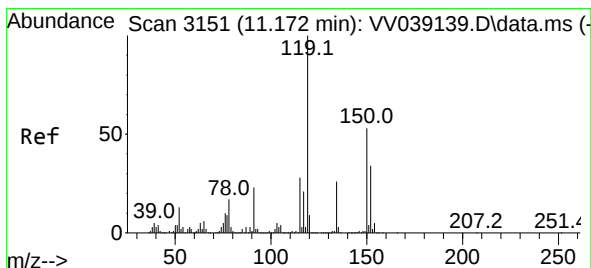
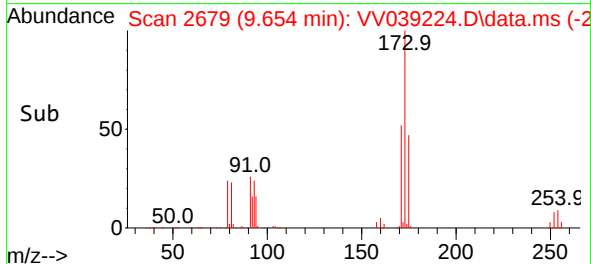
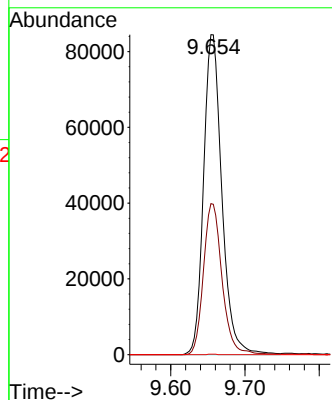
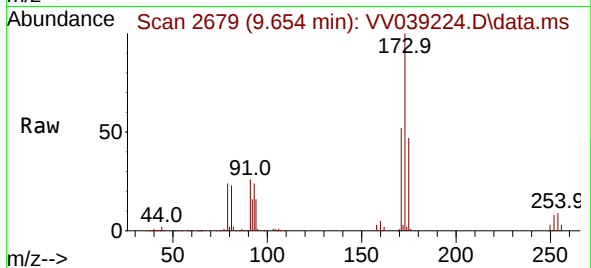
Tgt Ion:173 Resp: 144577

Ion Ratio Lower Upper

173 100

175 48.0 23.9 71.7

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

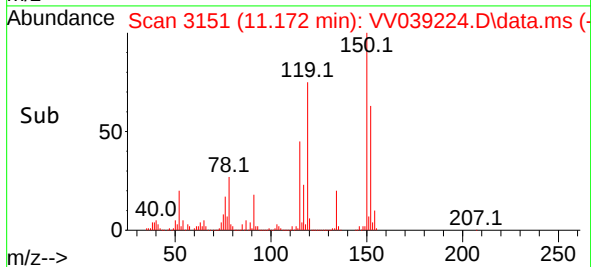
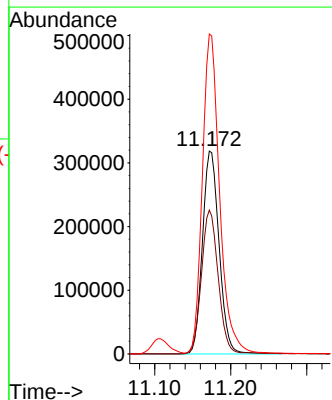
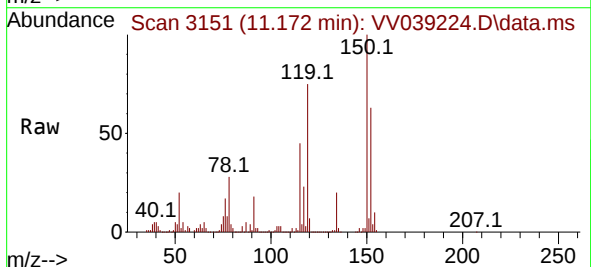
Tgt Ion:152 Resp: 484149

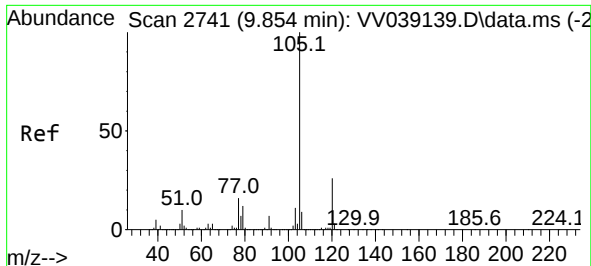
Ion Ratio Lower Upper

152 100

115 70.6 44.8 134.4

150 163.6 0.0 353.8

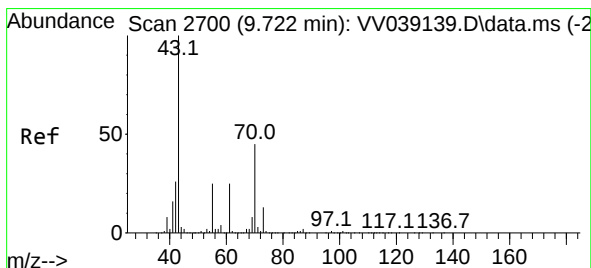
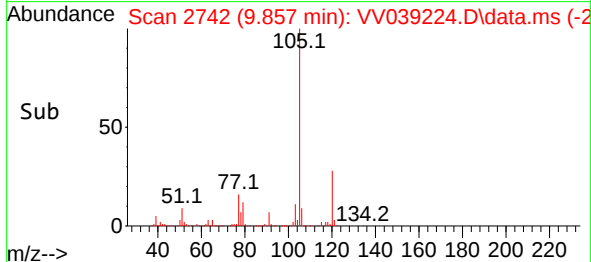
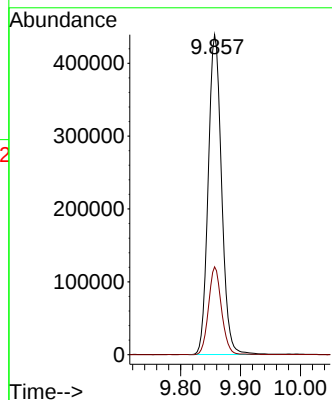
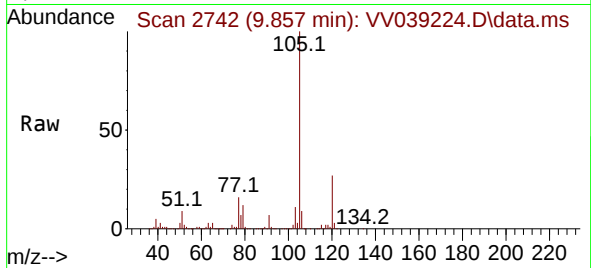




#73
Isopropylbenzene
Concen: 19.415 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

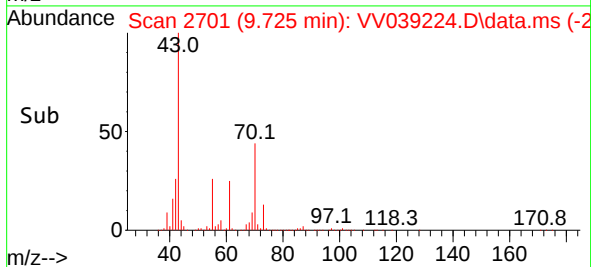
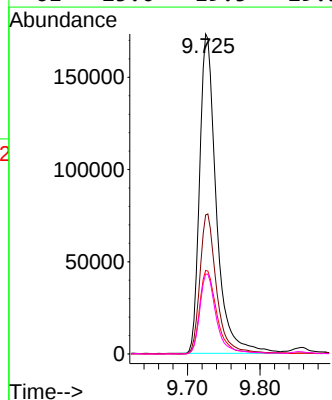
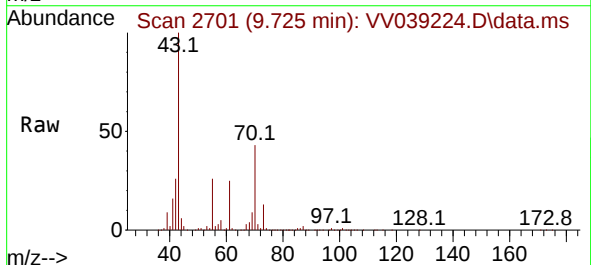
Instrument :
MSVOA_V
ClientSampleId :

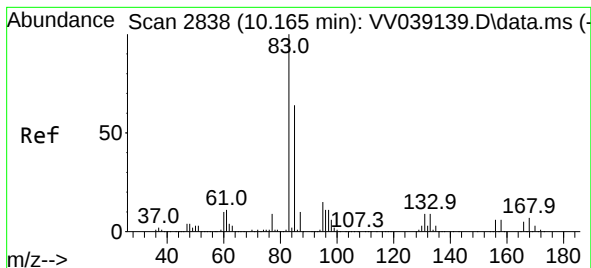
Tgt Ion:105 Resp: 681756
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1



#74
N-ethyl acetate
Concen: 19.780 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 43 Resp: 277055
Ion Ratio Lower Upper
43 100
70 44.3 35.4 53.0
55 27.3 20.6 30.8
61 25.0 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.868 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. -0.000 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Instrument :

MSVOA_V

ClientSampleId :

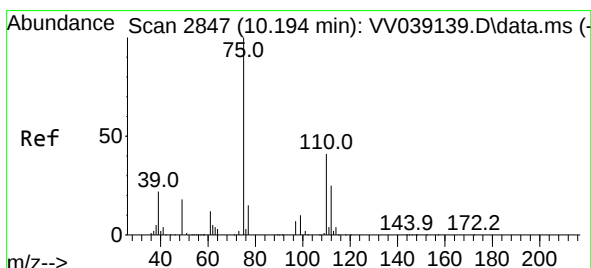
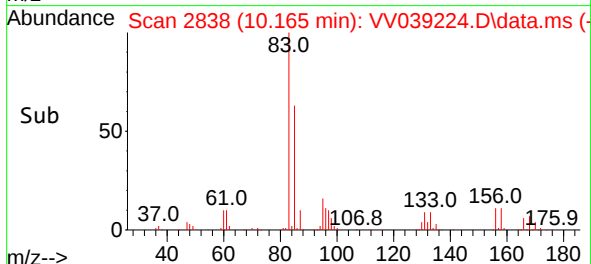
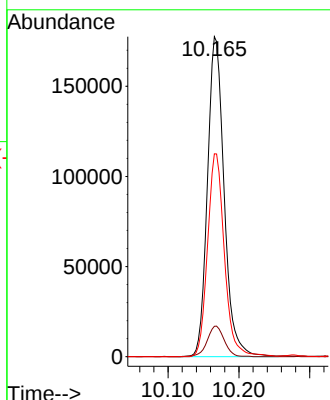
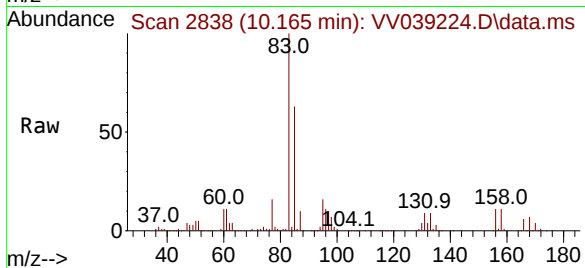
Tgt Ion: 83 Resp: 290305

Ion Ratio Lower Upper

83 100

131 9.8 4.5 13.7

85 64.0 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 19.944 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.003 min

Lab File: VV039224.D

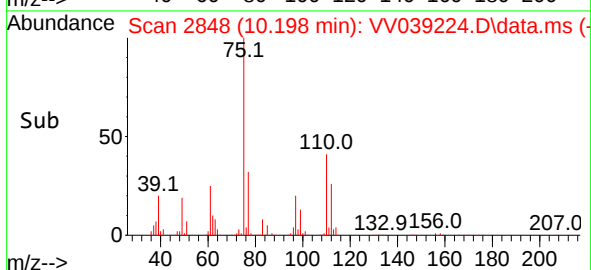
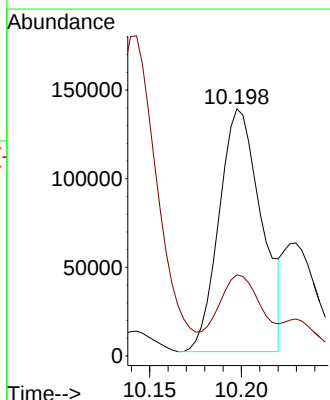
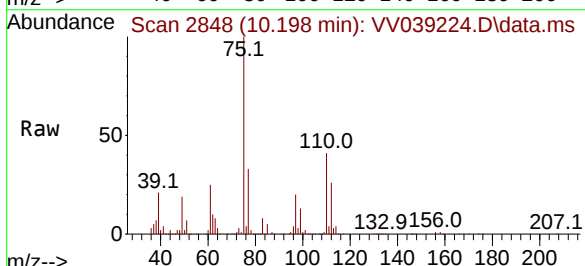
Acq: 29 Sep 2025 12:23

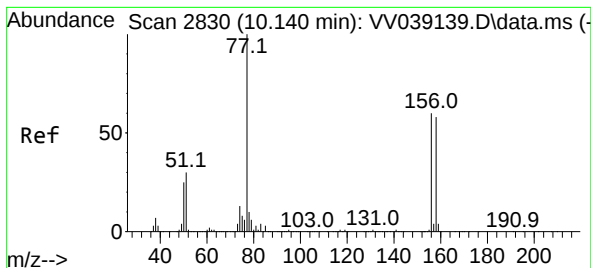
Tgt Ion: 75 Resp: 219845

Ion Ratio Lower Upper

75 100

77 20.5 11.3 33.8





#77

Bromobenzene

Concen: 20.780 ug/l

RT: 10.143 min Scan# 2831

Delta R.T. 0.003 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Instrument :

MSVOA_V

ClientSampleId :

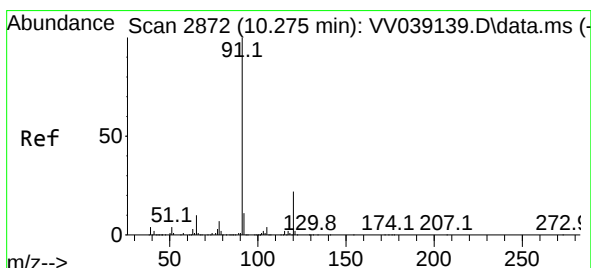
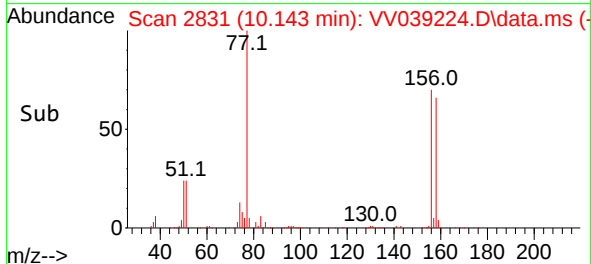
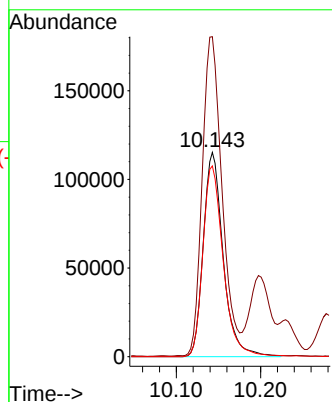
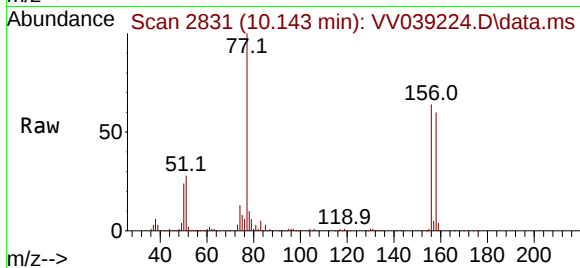
Tgt Ion:156 Resp: 189322

Ion Ratio Lower Upper

156 100

77 155.3 83.4 250.1

158 95.8 48.8 146.4



#78

n-propylbenzene

Concen: 19.562 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039224.D

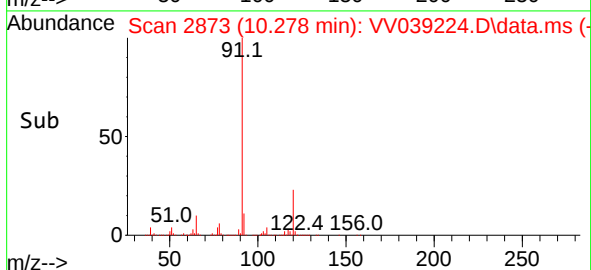
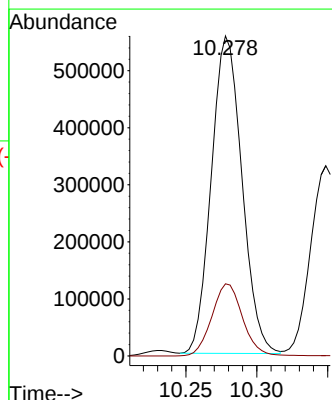
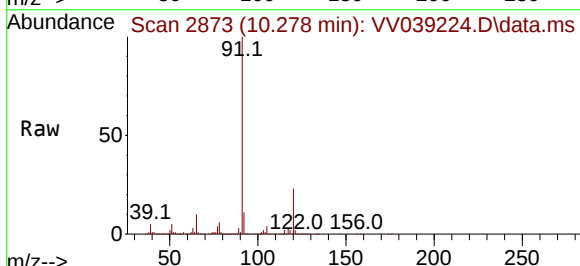
Acq: 29 Sep 2025 12:23

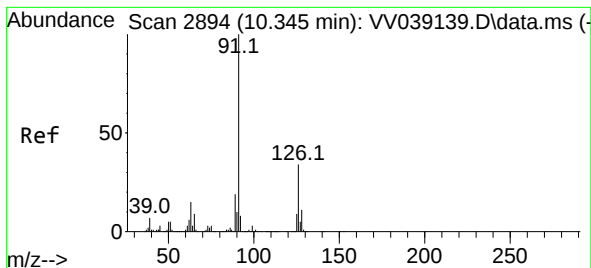
Tgt Ion: 91 Resp: 836516

Ion Ratio Lower Upper

91 100

120 22.8 11.1 33.3

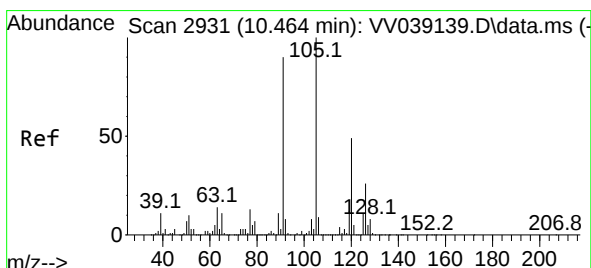
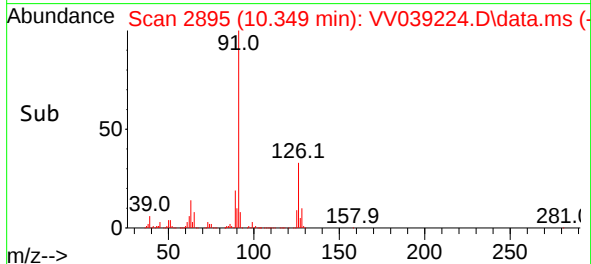
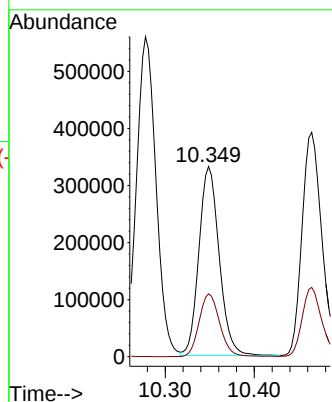
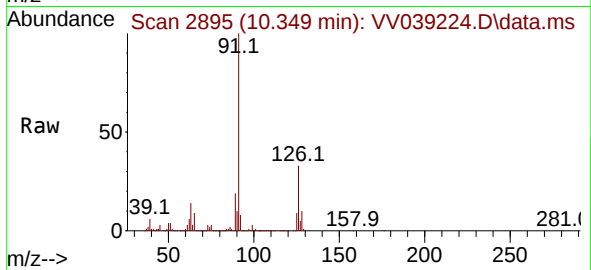




#79
2-Chlorotoluene
Concen: 20.436 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

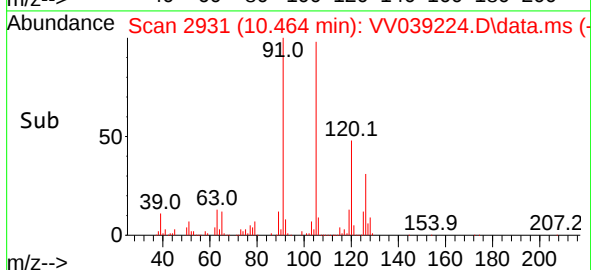
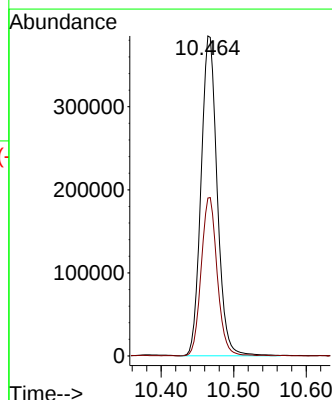
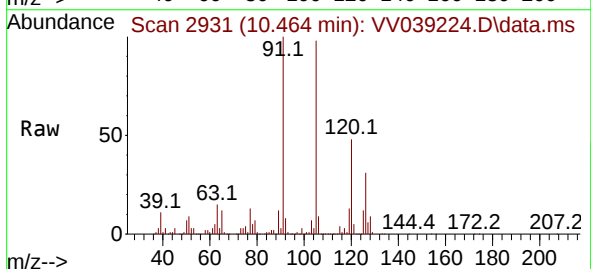
Instrument :
MSVOA_V
ClientSampleId :

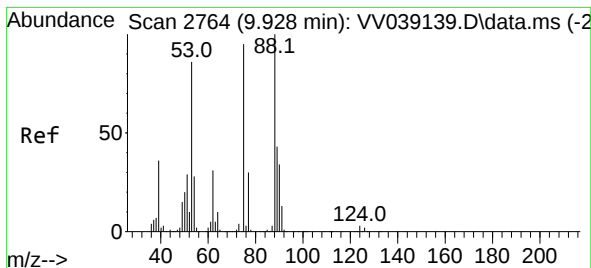
Tgt Ion: 91 Resp: 522912
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 20.401 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 105 Resp: 595449
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

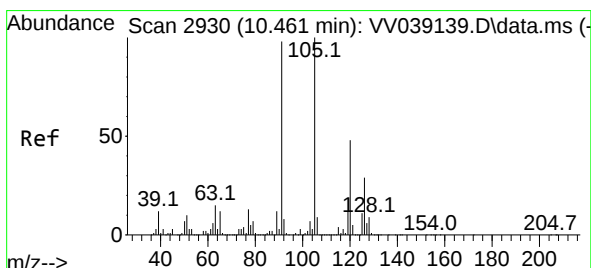
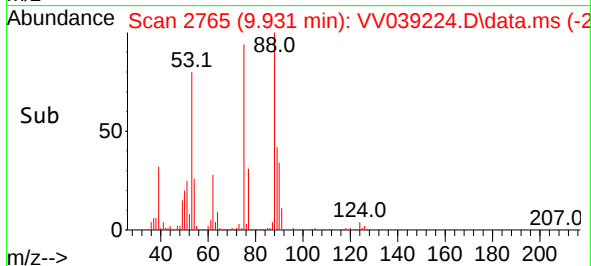
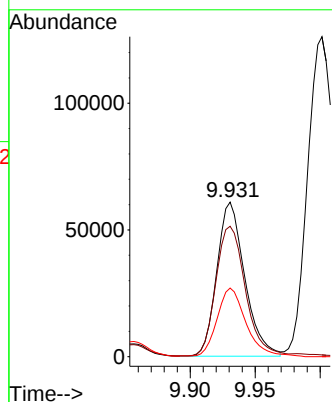
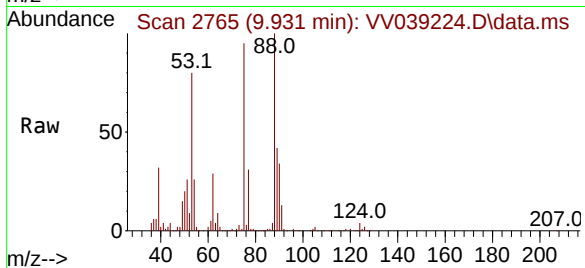




#81
trans-1,4-Dichloro-2-butene
Concen: 19.795 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

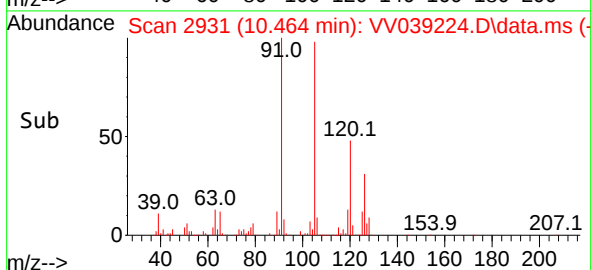
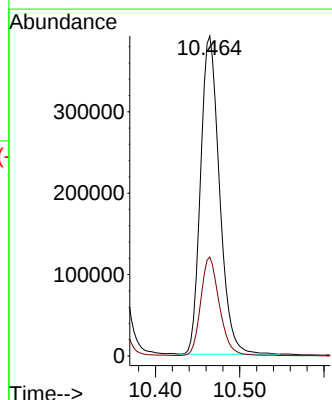
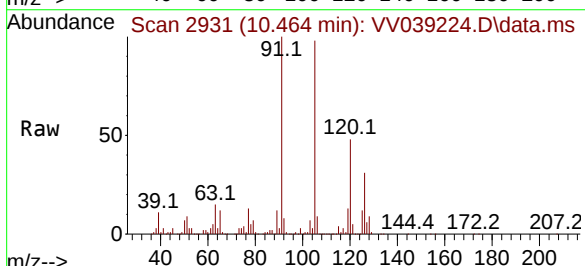
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 75 Resp: 90895
Ion Ratio Lower Upper
75 100
53 88.2 72.5 108.7
89 46.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.558 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 91 Resp: 609979
Ion Ratio Lower Upper
91 100
126 30.4 14.5 43.6





#83

tert-Butylbenzene

Concen: 18.788 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Instrument :

MSVOA_V

ClientSampleId :

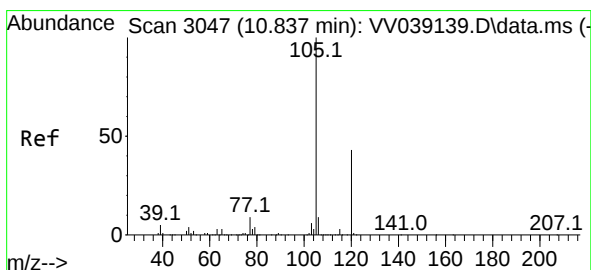
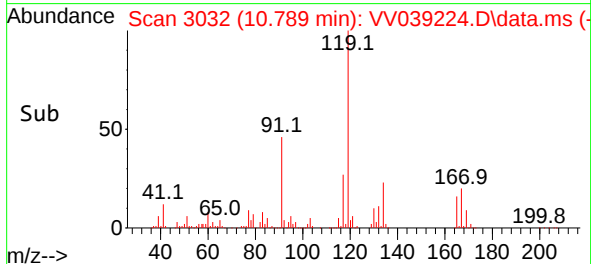
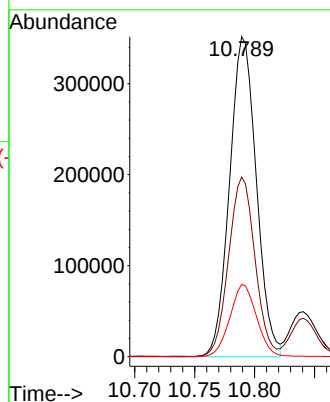
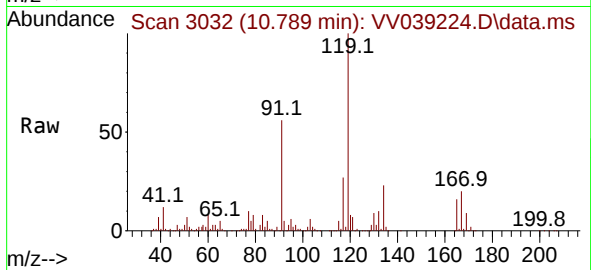
Tgt Ion:119 Resp: 546815

Ion Ratio Lower Upper

119 100

91 55.0 28.5 85.6

134 22.7 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 20.450 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039224.D

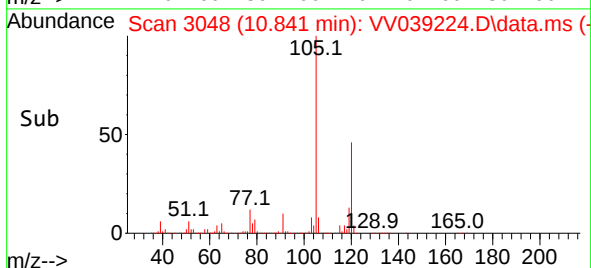
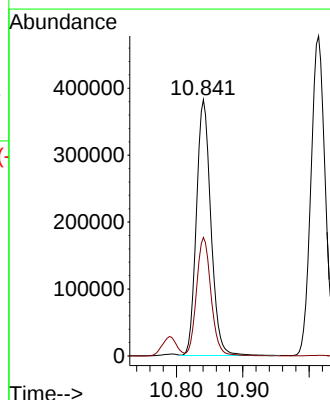
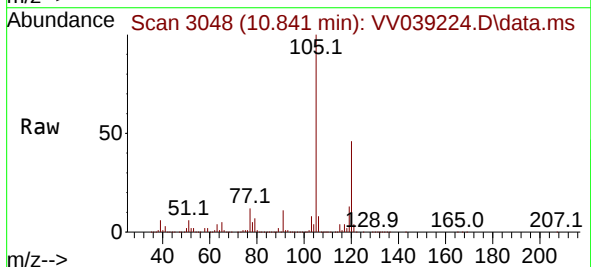
Acq: 29 Sep 2025 12:23

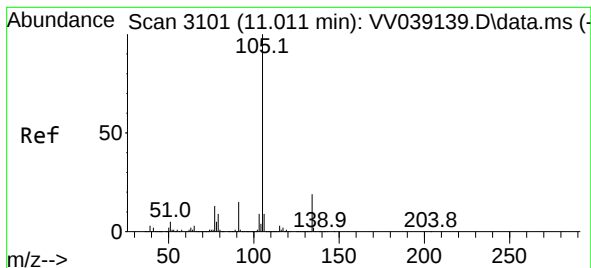
Tgt Ion:105 Resp: 579472

Ion Ratio Lower Upper

105 100

120 45.8 22.4 67.2





#85

sec-Butylbenzene

Concen: 18.482 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Instrument :

MSVOA_V

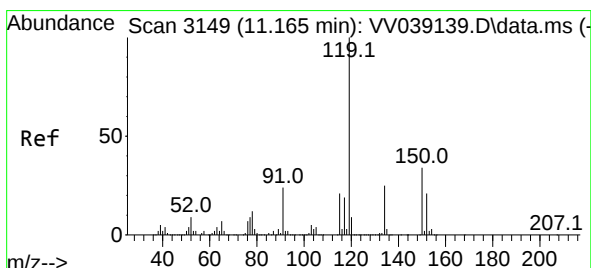
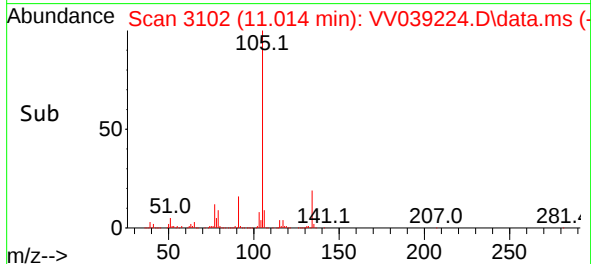
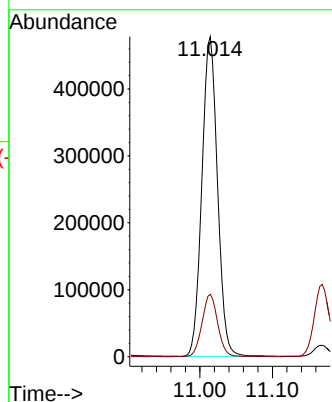
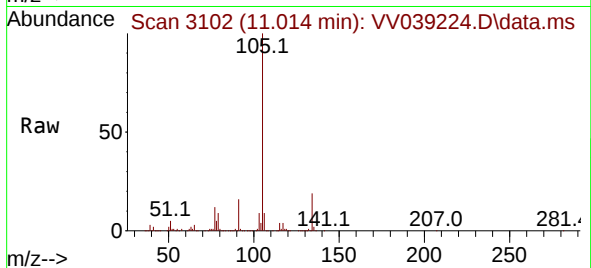
ClientSampleId :

Tgt Ion:105 Resp: 713481

Ion Ratio Lower Upper

105 100

134 19.7 9.6 28.8



#86

p-Isopropyltoluene

Concen: 19.064 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

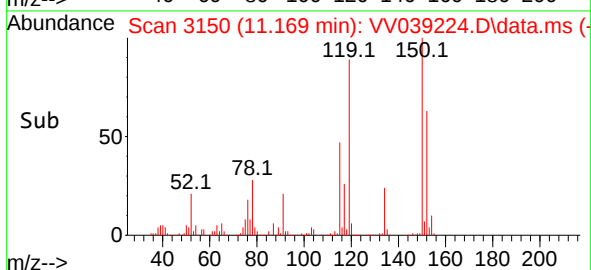
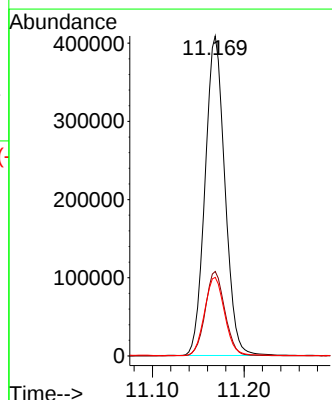
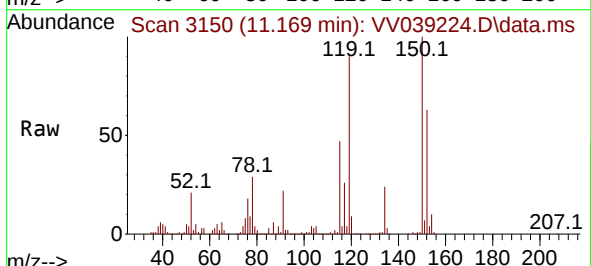
Tgt Ion:119 Resp: 612533

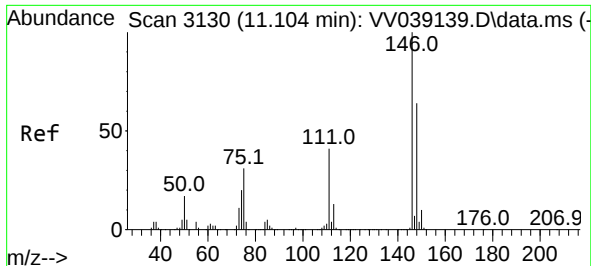
Ion Ratio Lower Upper

119 100

134 26.4 12.7 38.0

91 24.9 12.0 36.1

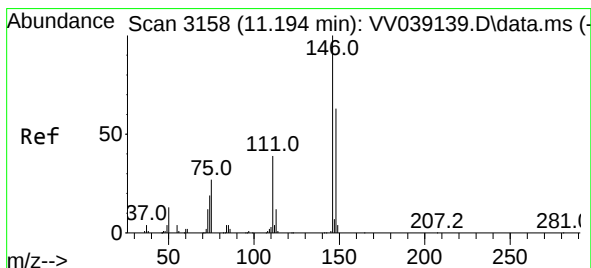
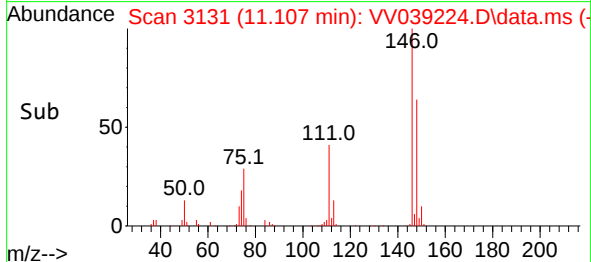
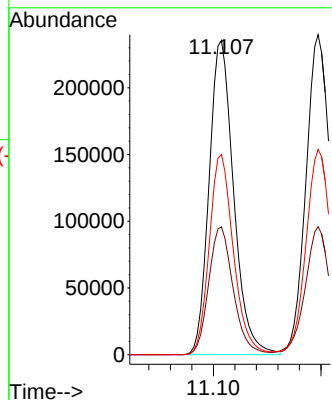
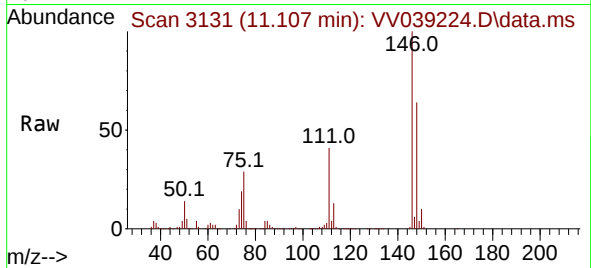




#87
1,3-Dichlorobenzene
Concen: 20.236 ug/l
RT: 11.107 min Scan# 3130
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

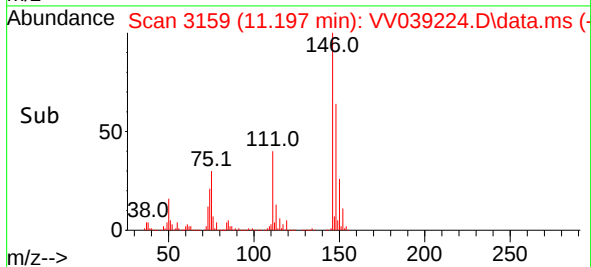
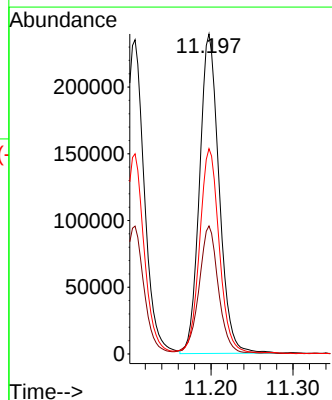
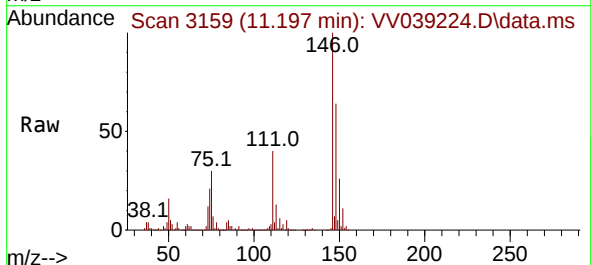
Instrument :
MSVOA_V
ClientSampleId :

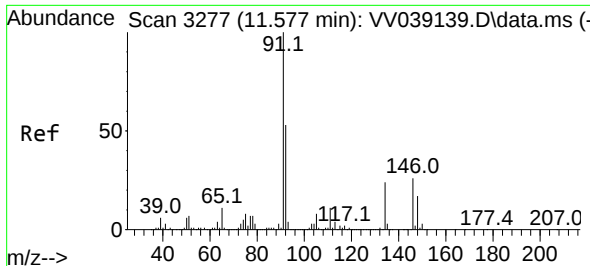
Tgt Ion:146 Resp: 373130
Ion Ratio Lower Upper
146 100
111 40.7 20.9 62.8
148 62.8 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 19.565 ug/l
RT: 11.197 min Scan# 3159
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion:146 Resp: 395788
Ion Ratio Lower Upper
146 100
111 39.6 20.3 60.8
148 65.1 31.4 94.2

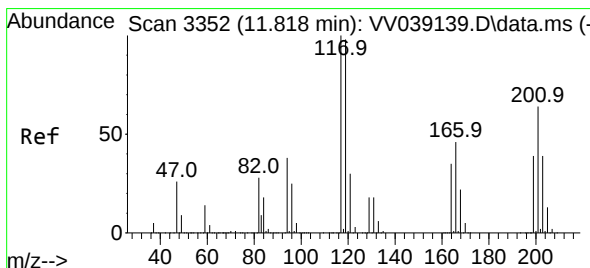
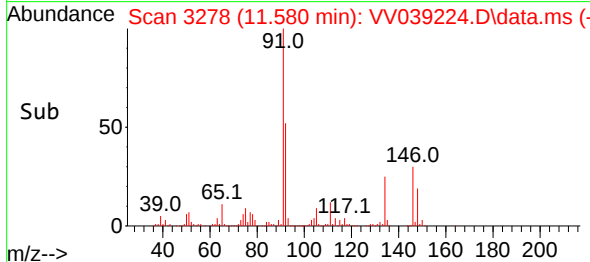
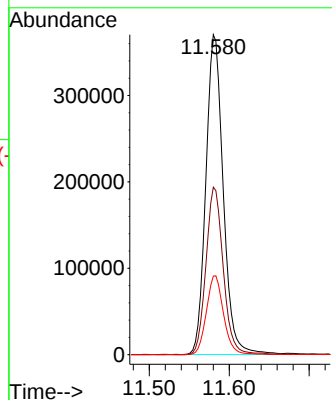
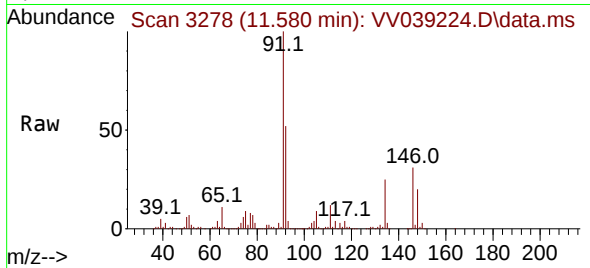




#89
n-Butylbenzene
Concen: 18.282 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

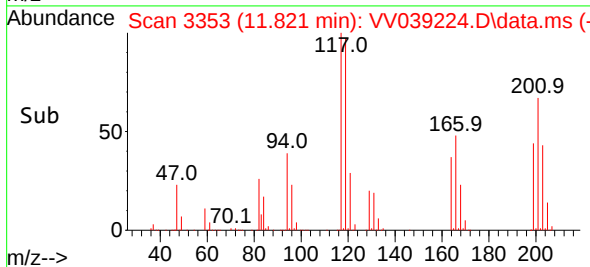
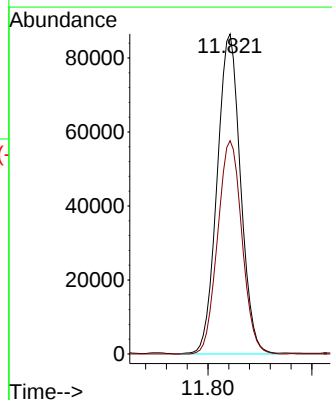
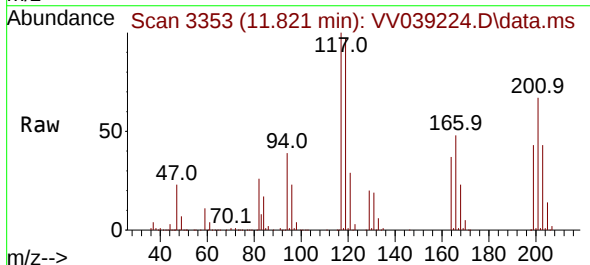
Instrument :
MSVOA_V
ClientSampleId :

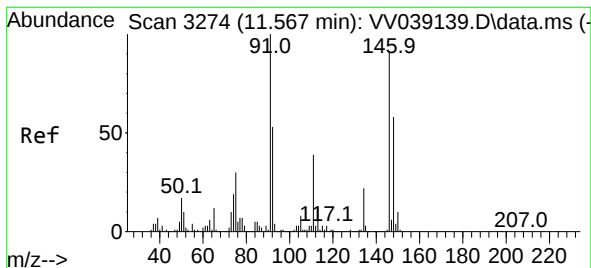
Tgt Ion: 91 Resp: 560984
Ion Ratio Lower Upper
91 100
92 52.2 26.6 79.8
134 24.4 12.1 36.3



#90
Hexachloroethane
Concen: 17.141 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion: 117 Resp: 135620
Ion Ratio Lower Upper
117 100
201 69.0 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 19.740 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

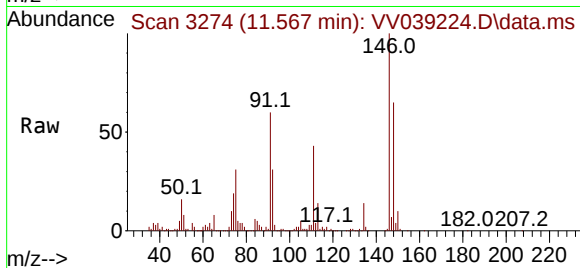
Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Instrument :

MSVOA_V

ClientSampleId :



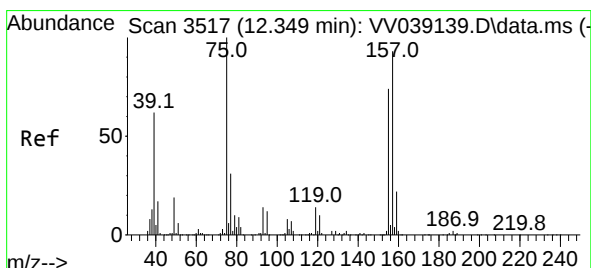
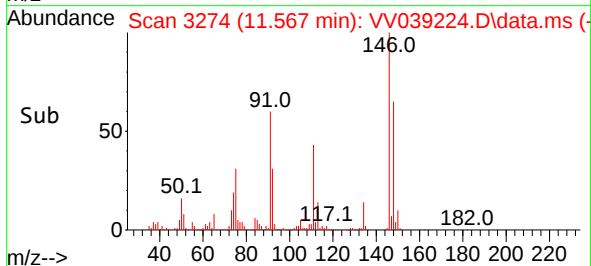
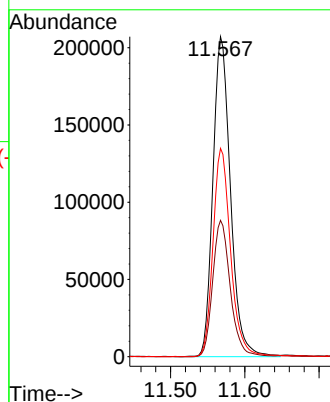
Tgt Ion:146 Resp: 340057

Ion Ratio Lower Upper

146 100

111 42.6 21.5 64.5

148 65.5 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.277 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

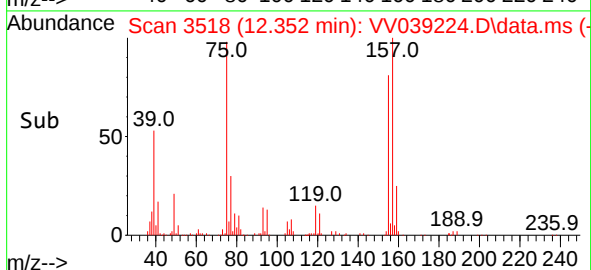
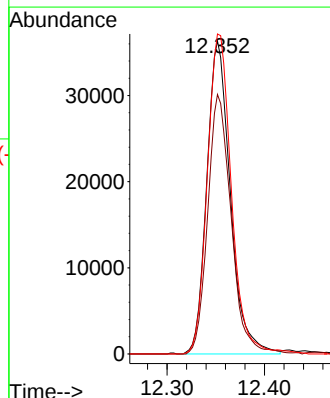
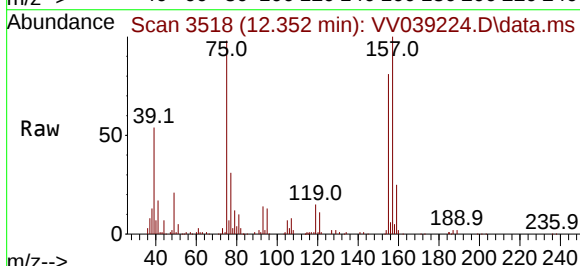
Tgt Ion: 75 Resp: 60941

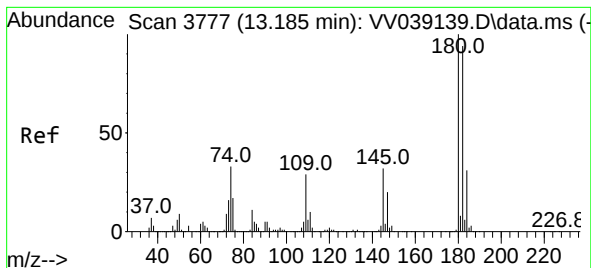
Ion Ratio Lower Upper

75 100

155 82.4 38.6 115.8

157 104.8 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 19.964 ug/l

RT: 13.188 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

Instrument :

MSVOA_V

ClientSampleId :

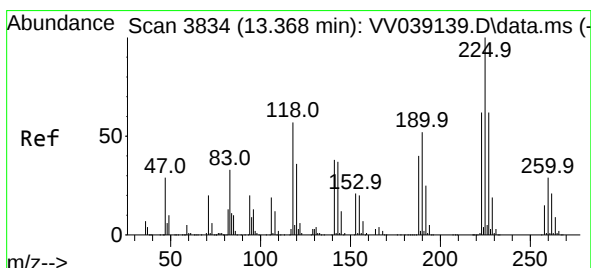
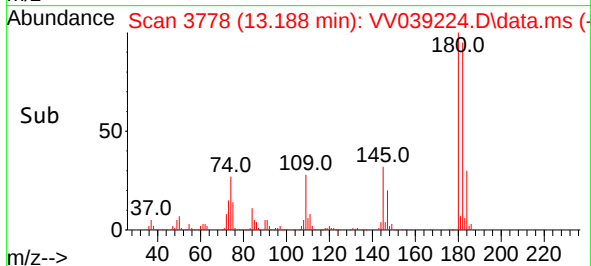
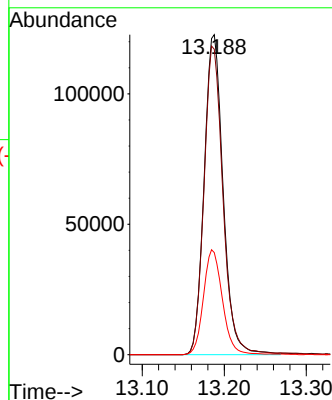
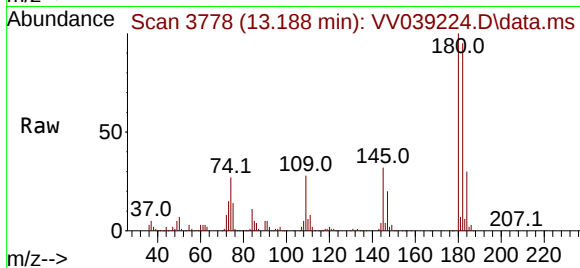
Tgt Ion:180 Resp: 197145

Ion Ratio Lower Upper

180 100

182 96.3 47.1 141.4

145 33.0 16.3 48.8



#94

Hexachlorobutadiene

Concen: 17.798 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039224.D

Acq: 29 Sep 2025 12:23

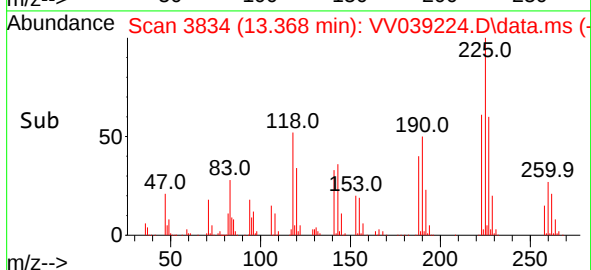
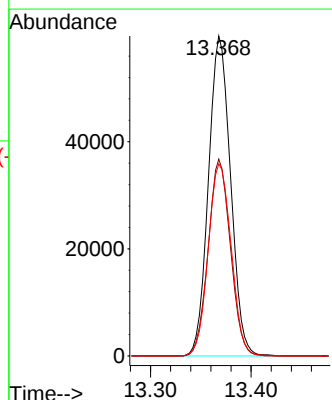
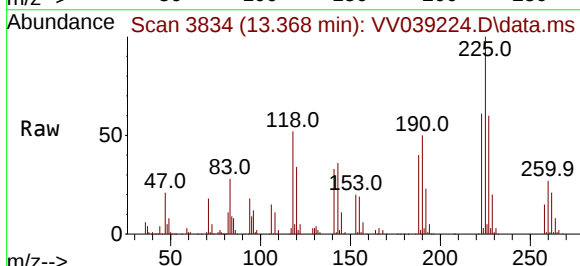
Tgt Ion:225 Resp: 91322

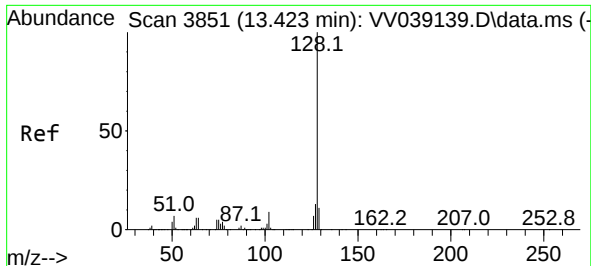
Ion Ratio Lower Upper

225 100

223 61.9 31.6 94.7

227 62.1 31.8 95.4

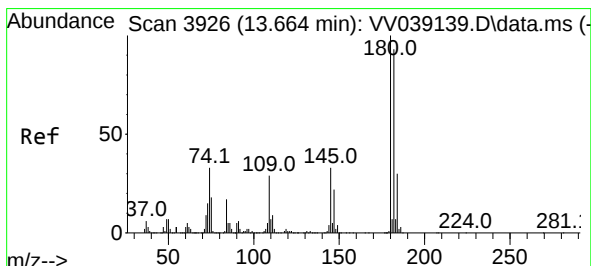
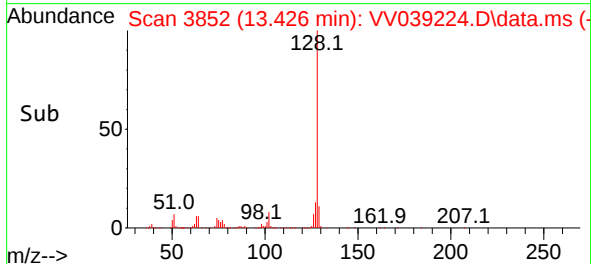
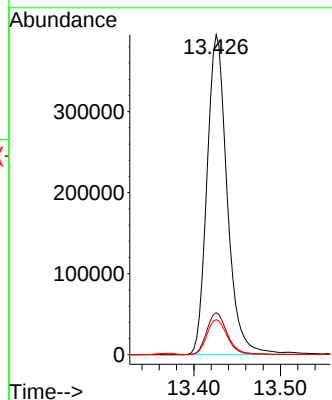
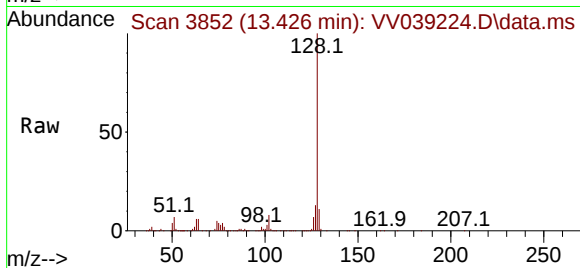




#95
Naphthalene
Concen: 20.005 ug/l
RT: 13.426 min Scan# 3851
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 638517
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.628 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.003 min
Lab File: VV039224.D
Acq: 29 Sep 2025 12:23

Tgt Ion:180 Resp: 208339
Ion Ratio Lower Upper
180 100
182 94.7 46.9 140.8
145 35.1 17.0 51.0

