

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
 Data File : VV039140.D
 Acq On : 22 Sep 2025 13:49
 Operator : SY/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC100

Quant Time: Sep 24 07:24:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 07:14:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	587274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	935392	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	904902	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	523452	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.941	65	725543	85.362	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 170.720%#	
35) Dibromofluoromethane	4.500	113	674408	89.684	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 179.360%#	
50) Toluene-d8	7.236	98	2052477	92.932	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 185.860%#	
62) 4-Bromofluorobenzene	9.998	95	937505	103.112	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 206.220%#	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.121	85	820676	88.278	ug/l	99
3) Chloromethane	1.230	50	856347	85.806	ug/l	98
4) Vinyl Chloride	1.298	62	940694	88.044	ug/l	99
5) Bromomethane	1.487	94	615924	91.446	ug/l	99
6) Chloroethane	1.555	64	587651	100.067	ug/l	99
7) Trichlorofluoromethane	1.722	101	1351410	87.363	ug/l	99
8) Diethyl Ether	1.918	74	511033	88.990	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	806216	87.593	ug/l	98
10) Methyl Iodide	2.195	142	931666	106.294	ug/l	100
11) Tert butyl alcohol	2.574	59	798702	444.608	ug/l	99
12) 1,1-Dichloroethene	2.079	96	778436	87.914	ug/l	98
13) Acrolein	2.008	56	160749	515.691	ug/l	99
14) Allyl chloride	2.355	41	1418889	89.708	ug/l	99
15) Acrylonitrile	2.674	53	2509475	435.771	ug/l	100
16) Acetone	2.118	43	2432444	499.795	ug/l	100
17) Carbon Disulfide	2.253	76	2332239	86.125	ug/l	99
18) Methyl Acetate	2.378	43	1142900	90.753	ug/l	100
19) Methyl tert-butyl Ether	2.712	73	2586428	91.667	ug/l	99
20) Methylene Chloride	2.455	84	870955	100.038	ug/l	99
21) trans-1,2-Dichloroethene	2.699	96	817275	86.701	ug/l	98
22) Diisopropyl ether	3.217	45	2857568	94.428	ug/l	94
23) Vinyl Acetate	3.188	43	12498986	472.148	ug/l	99
24) 1,1-Dichloroethane	3.117	63	1560774	84.338	ug/l	99
25) 2-Butanone	3.863	43	3404031	508.801	ug/l	99
26) 2,2-Dichloropropane	3.812	77	1414724	86.559	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	1010617	97.210	ug/l	99
28) Bromochloromethane	4.146	49	748549	91.624	ug/l	98
29) Tetrahydrofuran	4.233	42	2198745	516.116	ug/l	99
30) Chloroform	4.278	83	1682895	87.087	ug/l	98
31) Cyclohexane	4.580	56	1473260	97.182	ug/l	97
32) 1,1,1-Trichloroethane	4.513	97	1483938	88.700	ug/l	99
36) 1,1-Dichloropropene	4.741	75	1144520	99.944	ug/l	100
37) Ethyl Acetate	3.973	43	1328655	94.580	ug/l	98
38) Carbon Tetrachloride	4.735	117	1263028	91.566	ug/l	100
39) Methylcyclohexane	6.047	83	1603169	116.766	ug/l	98
40) Benzene	5.008	78	3611886	97.560	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.156	41	639301	100.494	ug/l	99
42) 1,2-Dichloroethane	5.037	62	1202991	92.737	ug/l	100
43) Isopropyl Acetate	5.191	43	2058622	106.372	ug/l	100
44) Trichloroethene	5.828	130	849813	99.474	ug/l	97
45) 1,2-Dichloropropane	6.088	63	909288	98.813	ug/l	95
46) Dibromomethane	6.220	93	661336	93.898	ug/l	98
47) Bromodichloromethane	6.426	83	1355845	93.118	ug/l	99
48) Methyl methacrylate	6.294	41	984431	111.182	ug/l	99
49) 1,4-Dioxane	6.288	88	304943	2191.331	ug/l	95
51) 4-Methyl-2-Pentanone	7.149	43	6674594	539.372	ug/l	99
52) Toluene	7.307	92	2271340	105.813	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	1408125	110.970	ug/l	97
54) cis-1,3-Dichloropropene	6.947	75	1501380	107.178	ug/l	100
55) 1,1,2-Trichloroethane	7.757	97	897804	93.280	ug/l	99
56) Ethyl methacrylate	7.712	69	1424432	124.621	ug/l	99
57) 1,3-Dichloropropane	7.931	76	1501225	98.832	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	3282267	498.705	ug/l	100
59) 2-Hexanone	8.063	43	4988835	497.186	ug/l	99
60) Dibromochloromethane	8.165	129	1044126	95.206	ug/l	99
61) 1,2-Dibromoethane	8.272	107	960914	97.622	ug/l	98
64) Tetrachloroethene	7.895	164	736462	97.167	ug/l	97
65) Chlorobenzene	8.802	112	2457021	97.480	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.895	131	863523	94.816	ug/l	100
67) Ethyl Benzene	8.934	91	4376266	114.700	ug/l	100
68) m/p-Xylenes	9.059	106	3396653	230.657	ug/l	100
69) o-Xylene	9.468	106	1592963	122.170	ug/l	98
70) Styrene	9.484	104	2781887	99.832	ug/l	100
71) Bromoform	9.651	173	724467	101.838	ug/l	99
73) Isopropylbenzene	9.854	105	4288139	112.946	ug/l	100
74) N-amyl acetate	9.722	43	1846779	121.948	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	1453989	87.406	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	1070580	89.827	ug/l	95
77) Bromobenzene	10.140	156	993863	100.897	ug/l	99
78) n-propylbenzene	10.278	91	5220220	112.910	ug/l	99
79) 2-Chlorotoluene	10.345	91	3018051	109.093	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	3638030	115.284	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	545452	109.871	ug/l	97
82) 4-Chlorotoluene	10.461	91	3573507	111.396	ug/l	100
83) tert-Butylbenzene	10.789	119	3572813	113.541	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	3601355	117.550	ug/l	100
85) sec-Butylbenzene	11.011	105	4763689	114.135	ug/l	100
86) p-Isopropyltoluene	11.165	119	3948556	113.666	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	1970594	98.849	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	2008676	91.172	ug/l	99
89) n-Butylbenzene	11.577	91	3939852	118.754	ug/l	99
90) Hexachloroethane	11.818	117	776688	90.794	ug/l	99
91) 1,2-Dichlorobenzene	11.564	146	1886394	101.282	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	316446	100.015	ug/l	96
93) 1,2,4-Trichlorobenzene	13.185	180	1244510	116.564	ug/l	100
94) Hexachlorobutadiene	13.368	225	524789	94.597	ug/l	99
95) Naphthalene	13.423	128	4442612	129.371	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	1246406	114.143	ug/l	99

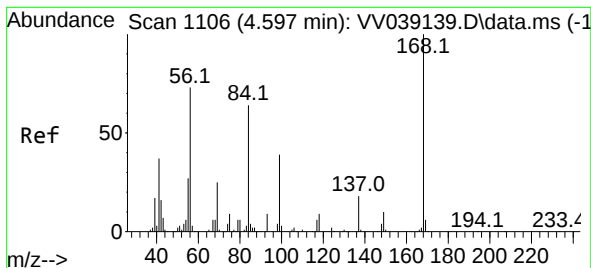
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QLast Update : Wed Sep 24 07:14:23 2025
Response via : Initial Calibration

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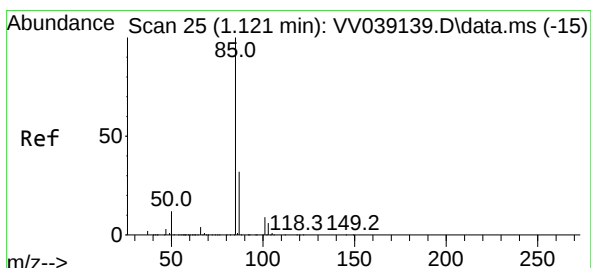
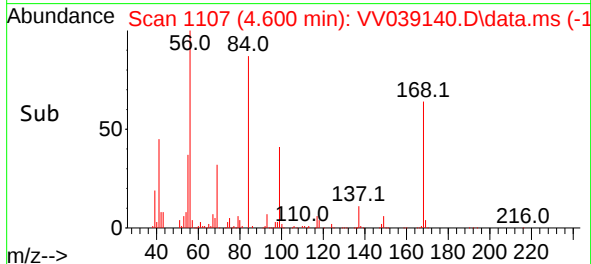
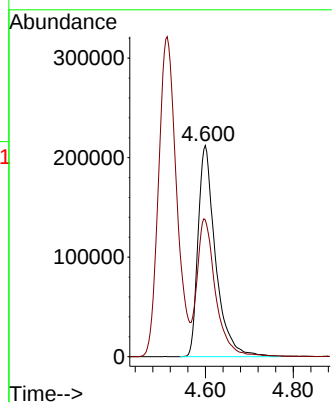
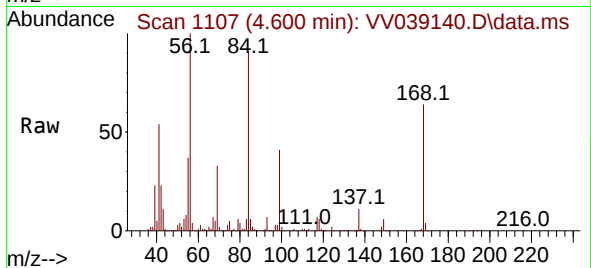
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

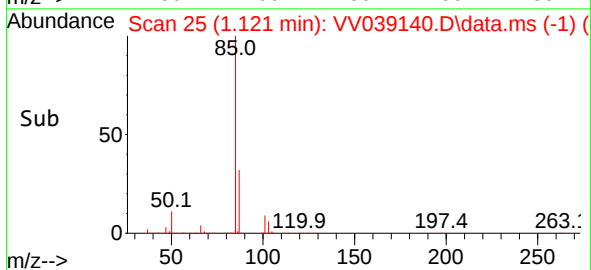
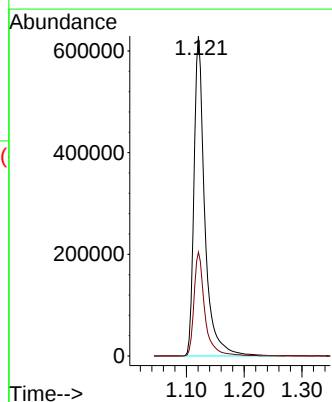
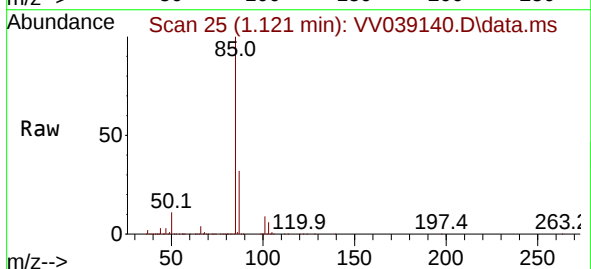
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 587274
Ion Ratio Lower Upper
168 100
99 64.4 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 88.278 ug/l
RT: 1.121 min Scan# 25
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 85 Resp: 820676
Ion Ratio Lower Upper
85 100
87 32.5 16.0 47.9

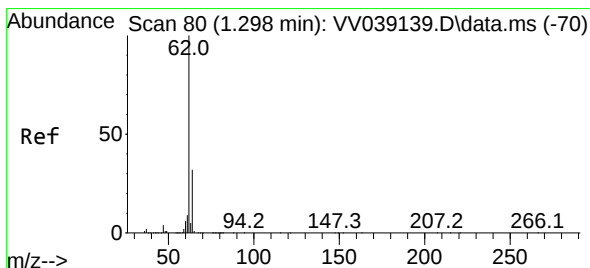
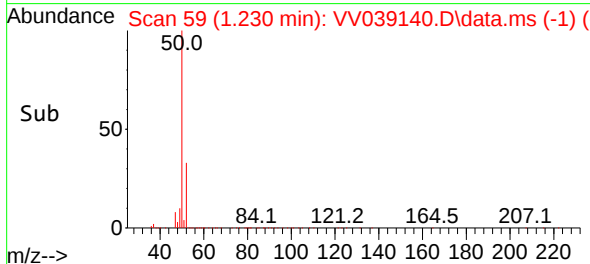
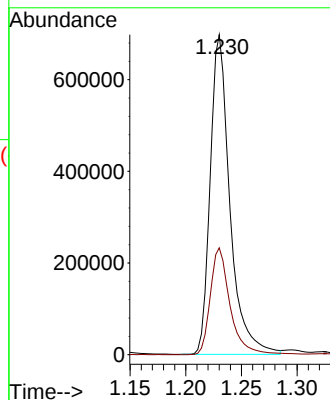
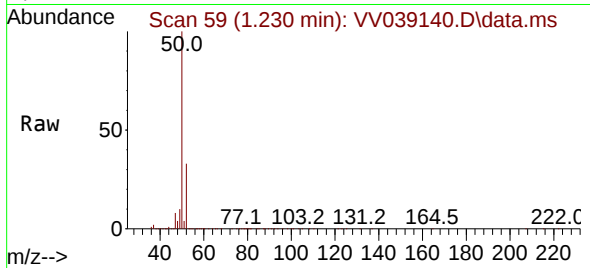




#3
Chloromethane
Concen: 85.806 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

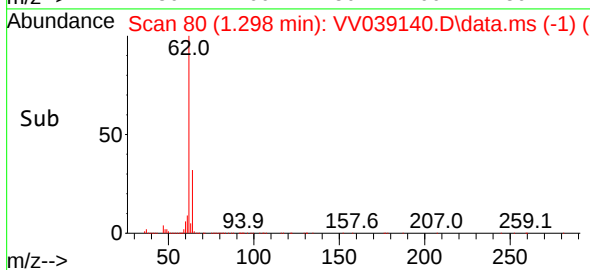
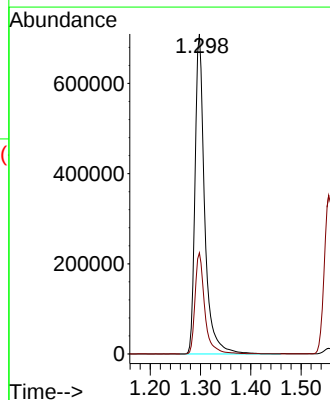
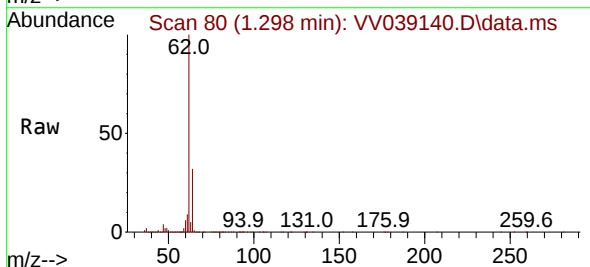
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ClientSampleId :
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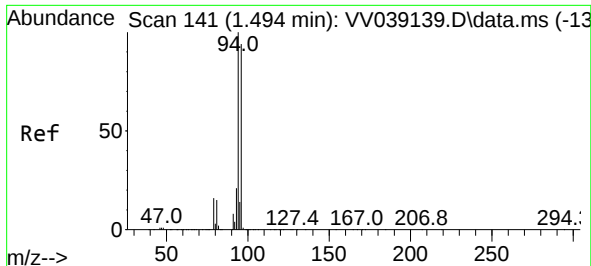
Tgt Ion: 50 Resp: 856347
Ion Ratio Lower Upper
50 100
52 33.4 26.0 39.0



#4
Vinyl Chloride
Concen: 88.044 ug/l
RT: 1.298 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 62 Resp: 940694
Ion Ratio Lower Upper
62 100
64 31.6 25.6 38.4

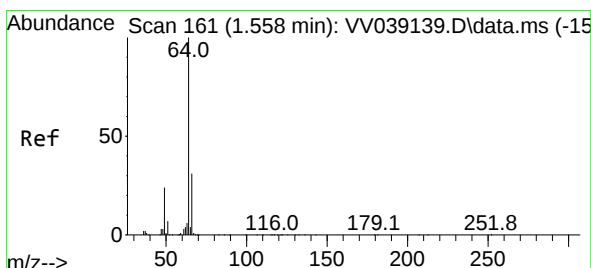
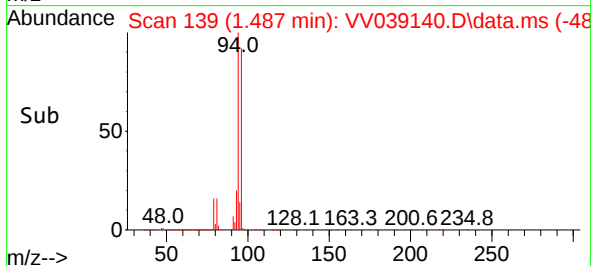
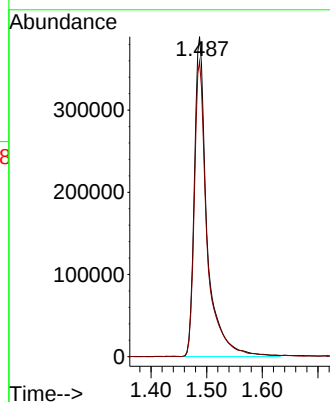
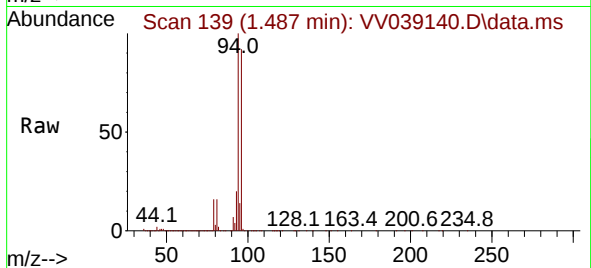




#5
Bromomethane
Concen: 91.446 ug/l
RT: 1.487 min Scan# 11
Delta R.T. -0.007 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

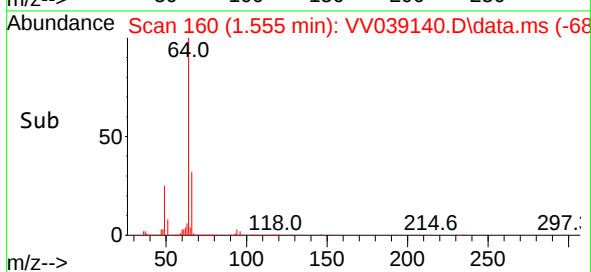
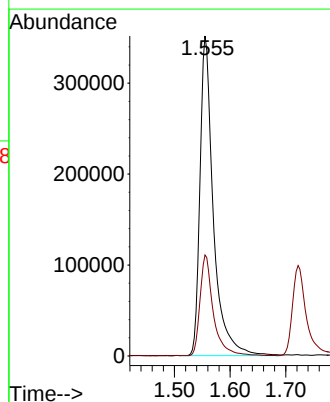
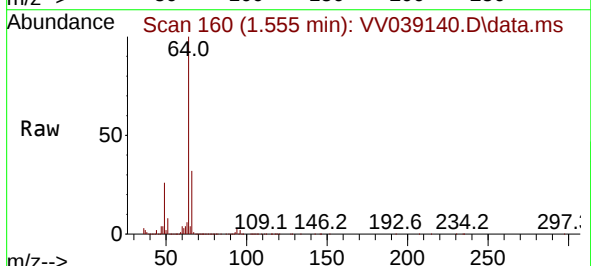
Instrument :
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Tgt Ion: 94 Resp: 615924
Ion Ratio Lower Upper
94 100
96 92.3 74.9 112.3



#6
Chloroethane
Concen: 100.067 ug/l
RT: 1.555 min Scan# 160
Delta R.T. -0.003 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 64 Resp: 587651
Ion Ratio Lower Upper
64 100
66 31.5 24.6 36.8

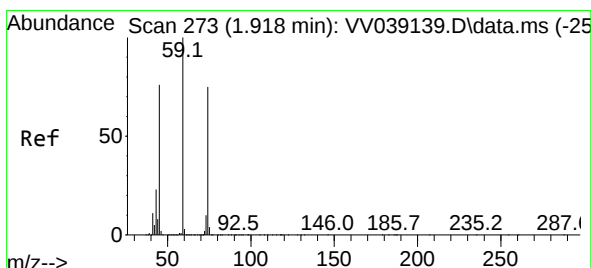
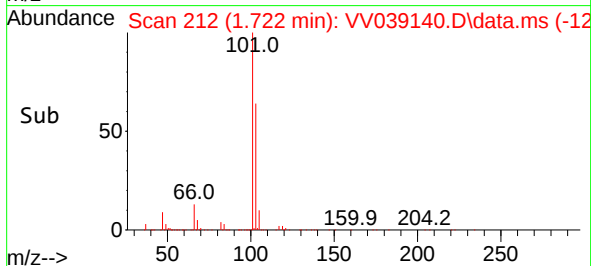
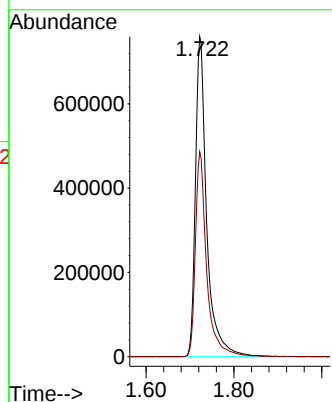
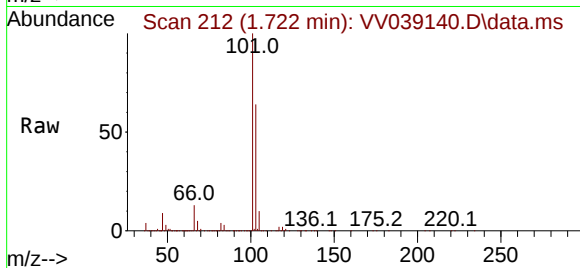




#7
Trichlorofluoromethane
Concen: 87.363 ug/l
RT: 1.722 min Scan# 213
Delta R.T. -0.003 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

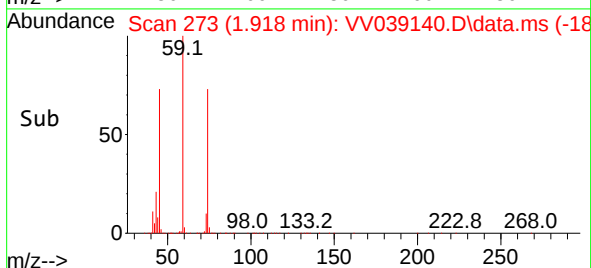
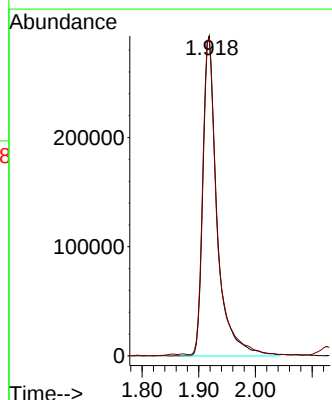
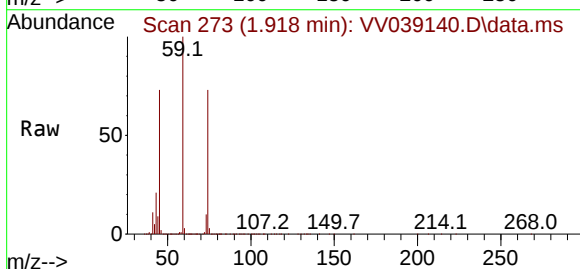
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 1351410
Ion Ratio Lower Upper
101 100
103 64.0 52.0 78.0



#8
Diethyl Ether
Concen: 88.990 ug/l
RT: 1.918 min Scan# 273
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 74 Resp: 511033
Ion Ratio Lower Upper
74 100
45 98.8 49.6 148.8

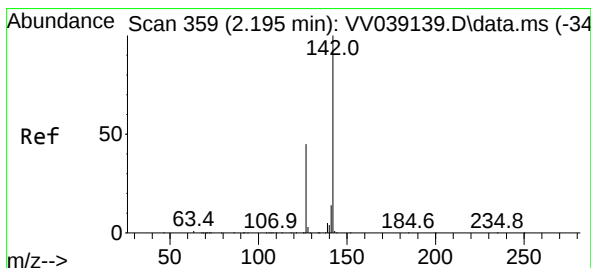
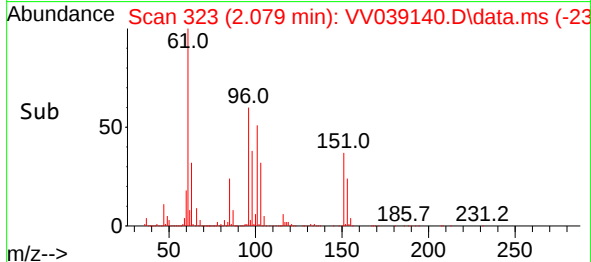
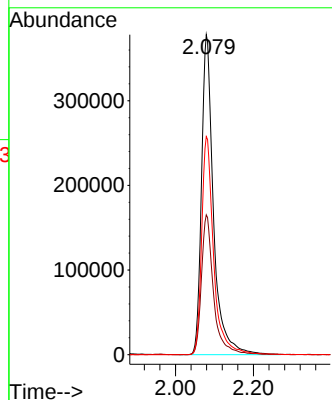
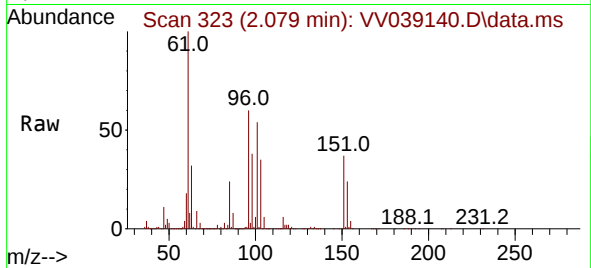




#9
1,1,2-Trichlorotrifluoroethane
Concen: 87.593 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039140.D
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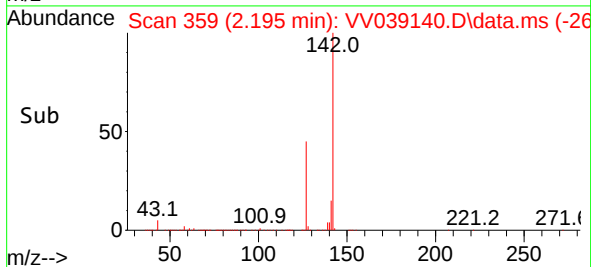
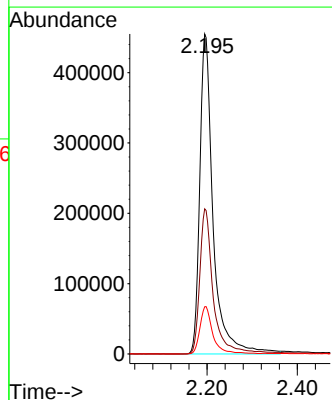
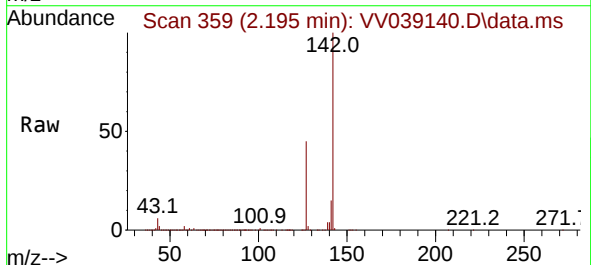
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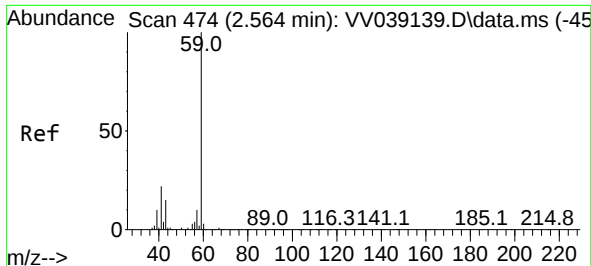
Tgt Ion:101 Resp: 806216
Ion Ratio Lower Upper
101 100
85 44.0 36.2 54.2
151 68.1 56.3 84.5



#10
Methyl Iodide
Concen: 106.294 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion:142 Resp: 931666
Ion Ratio Lower Upper
142 100
127 45.2 36.3 54.5
141 14.1 11.2 16.8

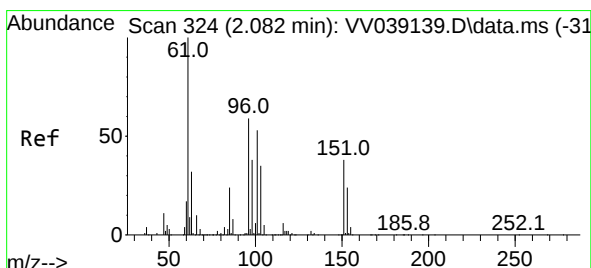
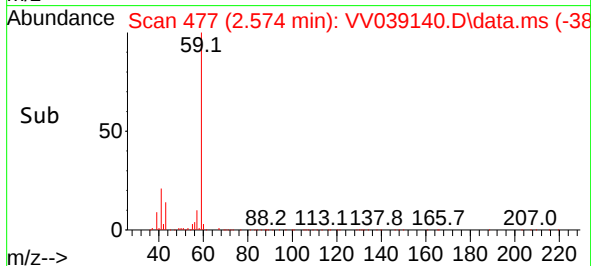
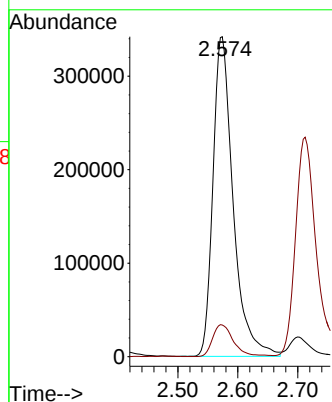
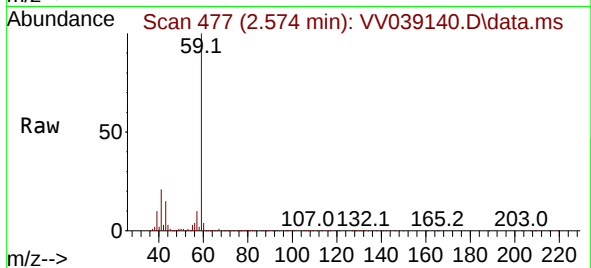




#11
Tert butyl alcohol
Concen: 444.608 ug/l
RT: 2.574 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

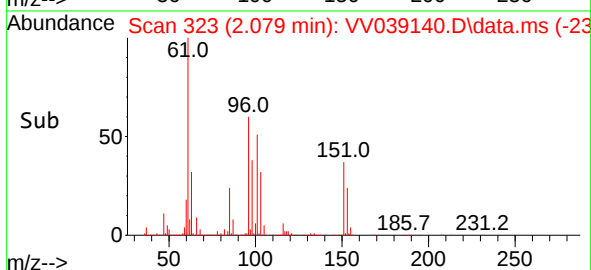
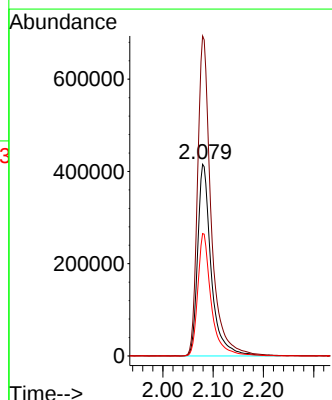
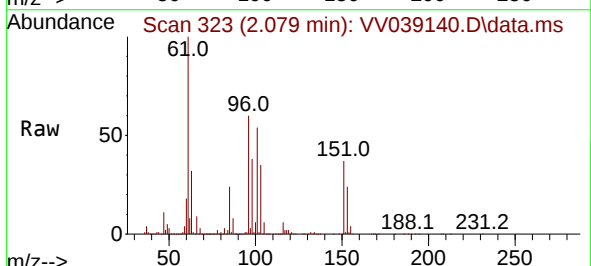
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 798702
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 87.914 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 96 Resp: 778436
Ion Ratio Lower Upper
96 100
61 167.1 136.0 204.0
98 63.9 51.0 76.6

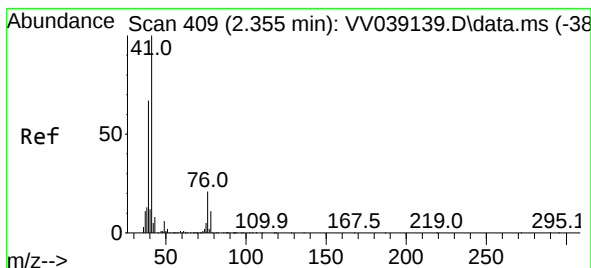
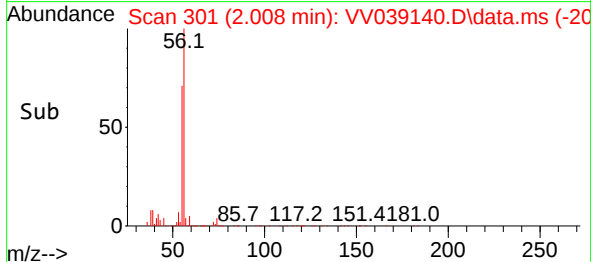
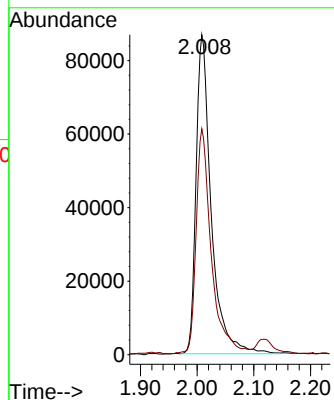
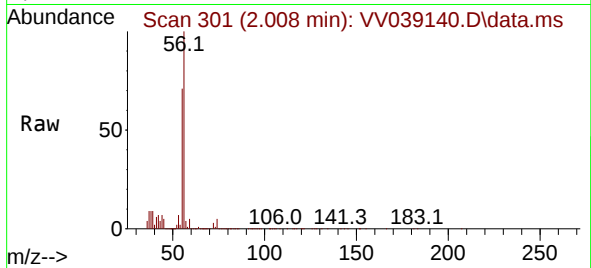




#13
Acrolein
Concen: 515.691 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

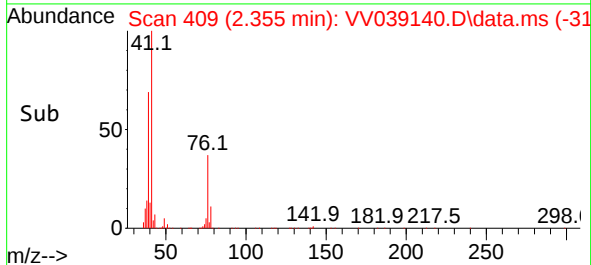
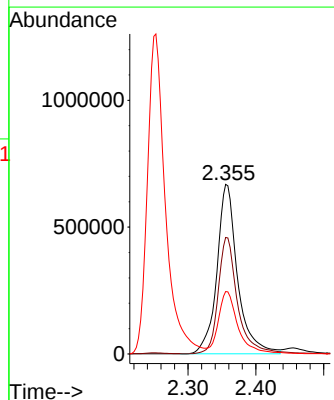
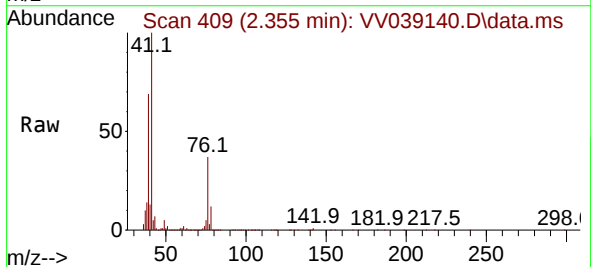
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

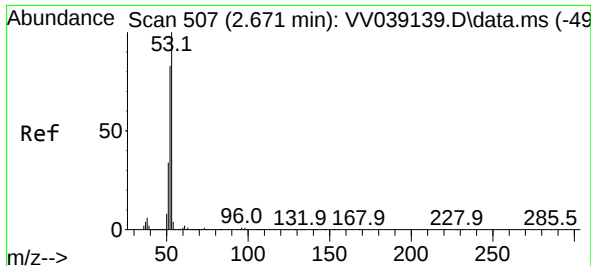
Tgt Ion: 56 Resp: 160749
Ion Ratio Lower Upper
56 100
55 70.8 56.2 84.4



#14
Allyl chloride
Concen: 89.708 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 41 Resp: 1418889
Ion Ratio Lower Upper
41 100
39 64.7 51.0 76.6
76 35.0 28.2 42.4



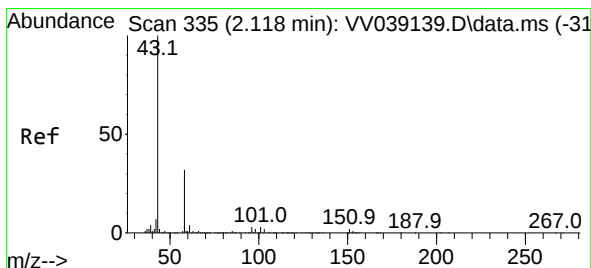
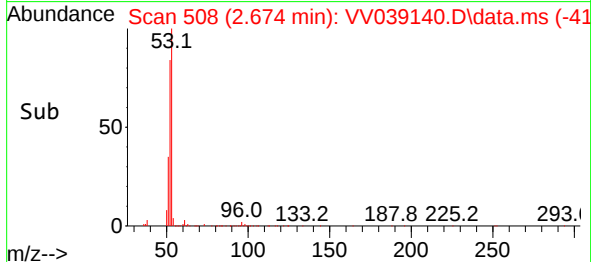
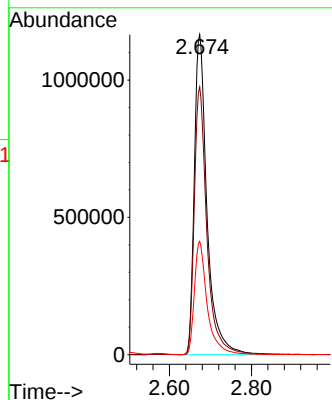
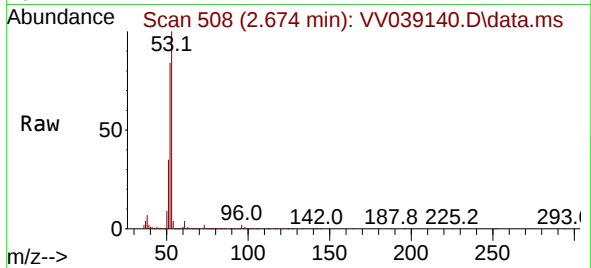


#15
Acrylonitrile
Concen: 435.771 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 53 Resp: 2509475

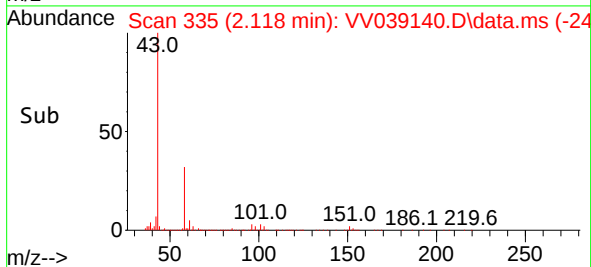
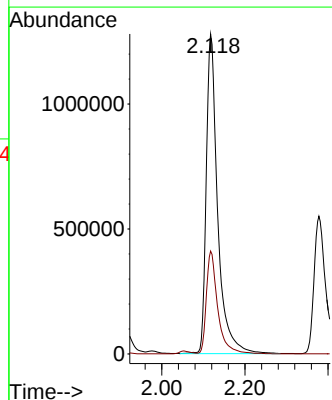
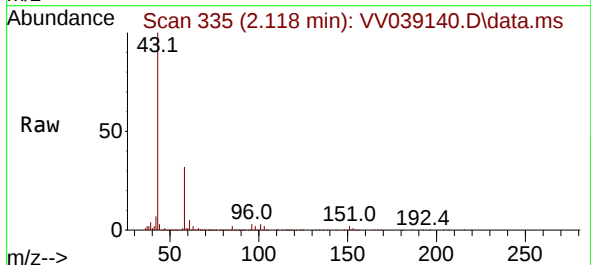
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.1	99.1
51	35.6	28.5	42.7



#16
Acetone
Concen: 499.795 ug/l
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 43 Resp: 2432444

Ion	Ratio	Lower	Upper
43	100		
58	32.1	25.8	38.6

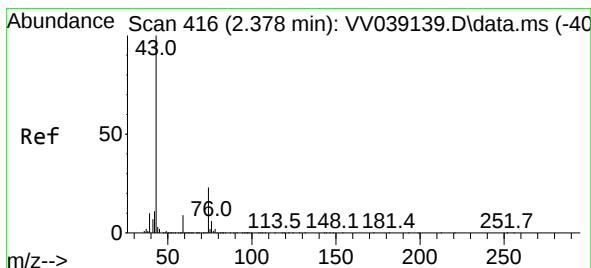
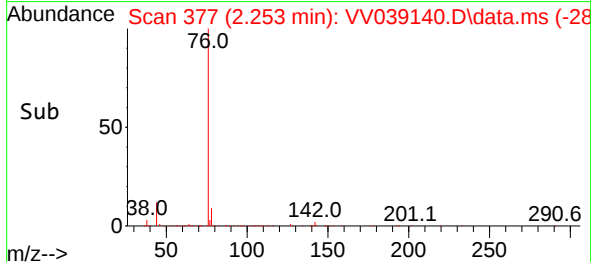
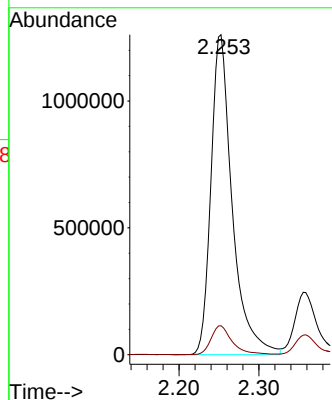
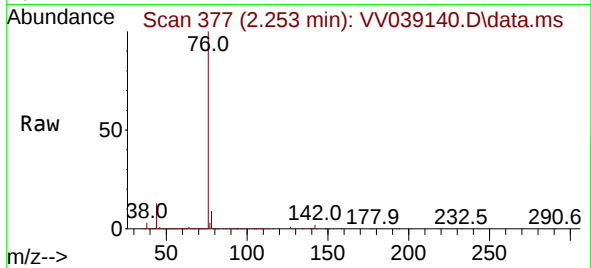




#17
Carbon Disulfide
Concen: 86.125 ug/l
RT: 2.253 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

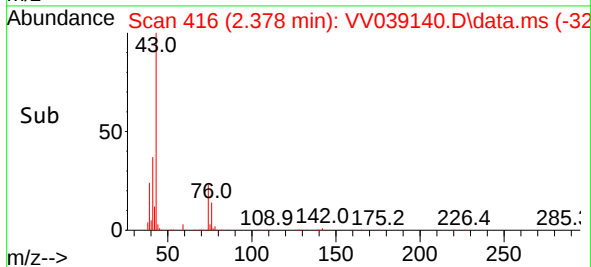
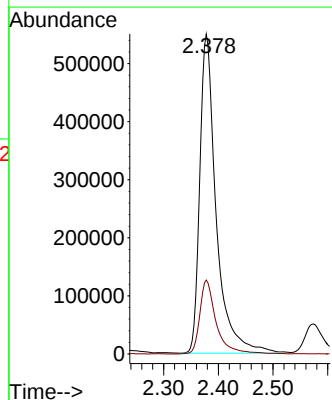
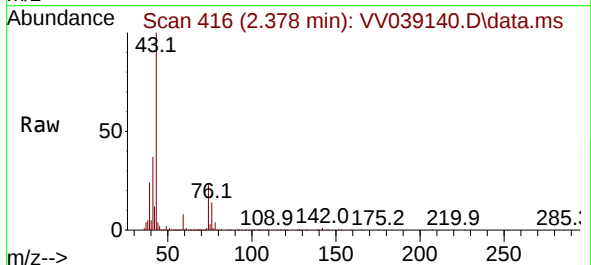
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 76 Resp: 2332239
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 90.753 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 43 Resp: 1142900
Ion Ratio Lower Upper
43 100
74 23.2 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 91.667 ug/l

RT: 2.712 min Scan# 519

Delta R.T. 0.003 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

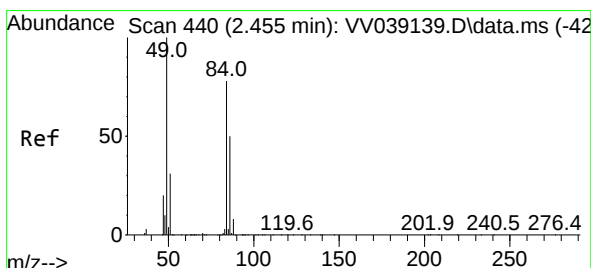
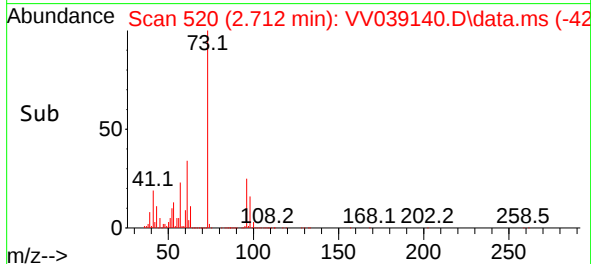
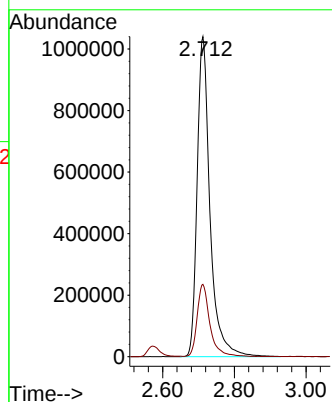
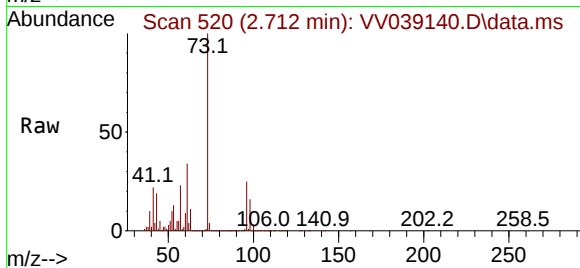
VSTDIC100

Tgt Ion: 73 Resp: 2586428

Ion Ratio Lower Upper

73 100

57 22.6 18.2 27.4



#20

Methylene Chloride

Concen: 100.038 ug/l

RT: 2.455 min Scan# 440

Delta R.T. 0.000 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Tgt Ion: 84 Resp: 870955

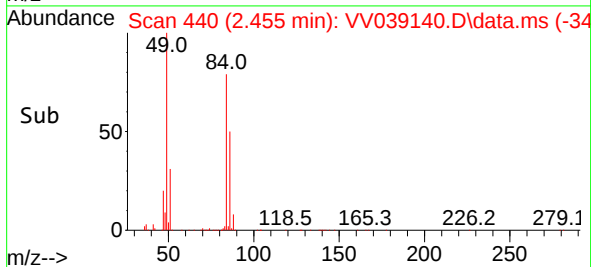
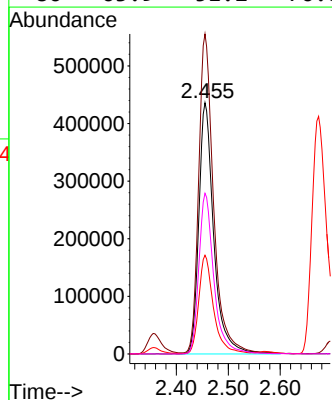
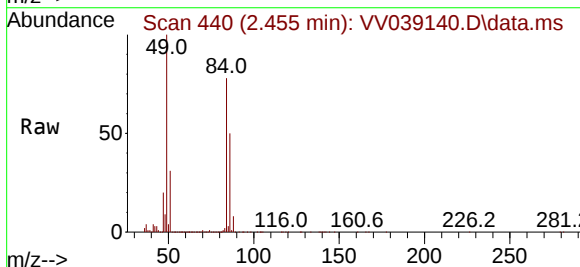
Ion Ratio Lower Upper

84 100

49 127.1 102.8 154.2

51 39.2 31.9 47.9

86 63.9 51.2 76.8

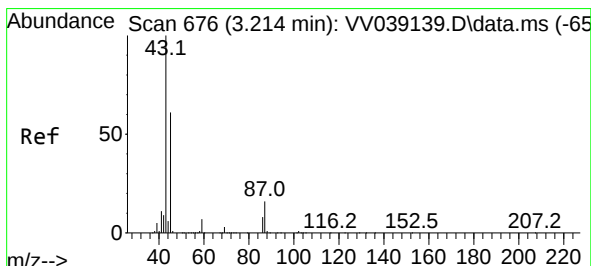
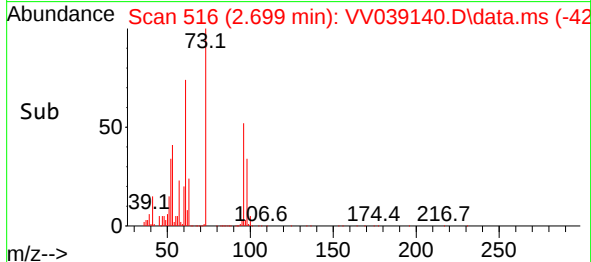
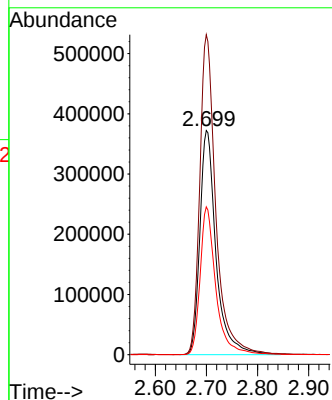
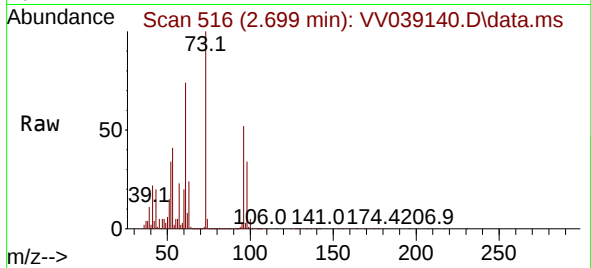




#21
trans-1,2-Dichloroethene
Concen: 86.701 ug/l
RT: 2.699 min Scan# 516
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

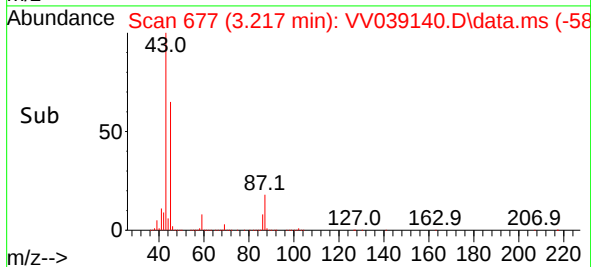
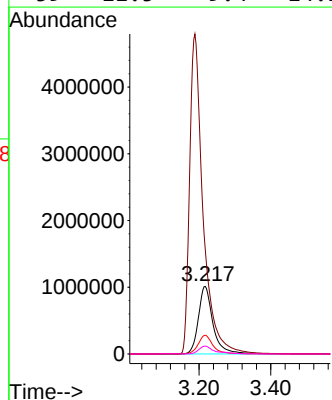
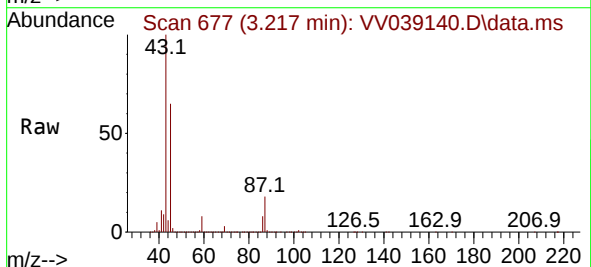
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 96 Resp: 817275
Ion Ratio Lower Upper
96 100
61 142.7 112.8 169.2
98 65.9 51.1 76.7



#22
Diisopropyl ether
Concen: 94.428 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 45 Resp: 2857568
Ion Ratio Lower Upper
45 100
43 153.6 130.9 196.3
87 27.6 21.1 31.7
59 11.5 9.4 14.2

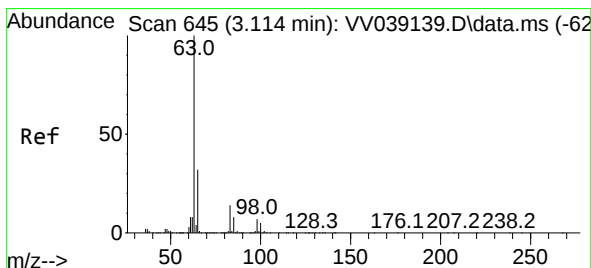
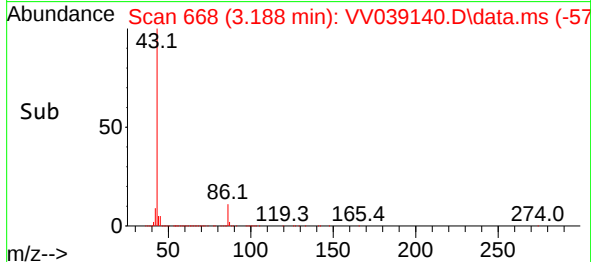
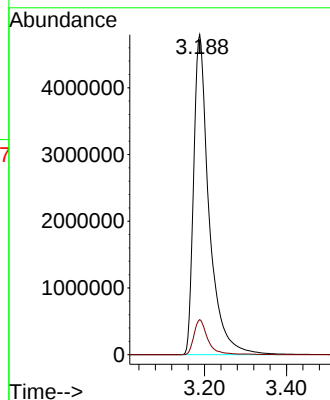
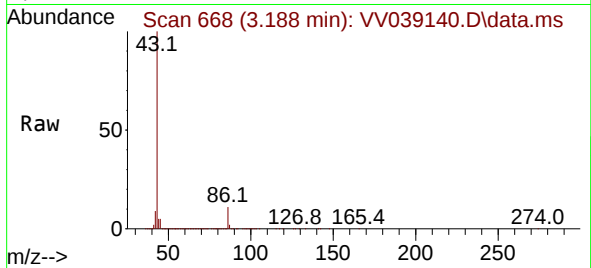




#23
 Vinyl Acetate
 Concen: 472.148 ug/l
 RT: 3.188 min Scan# 668
 Delta R.T. 0.003 min
 Lab File: VV039140.D
 Acq: 22 Sep 2025 13:49

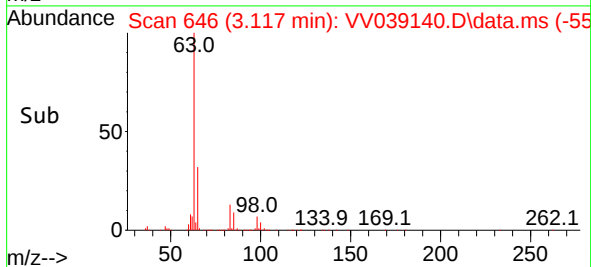
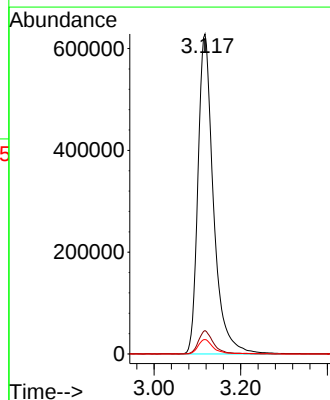
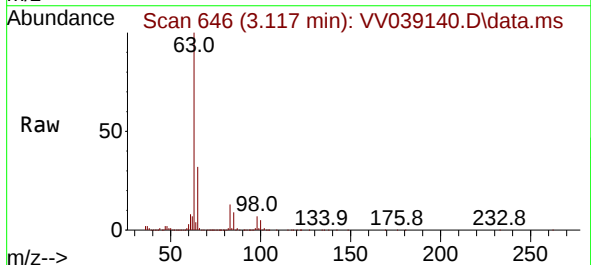
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

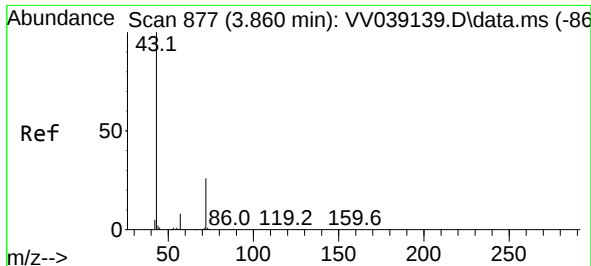
Tgt Ion: 43 Resp:12498986
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 84.338 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039140.D
 Acq: 22 Sep 2025 13:49

Tgt Ion: 63 Resp: 1560774
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.4 10.2
 100 4.5 2.2 6.6

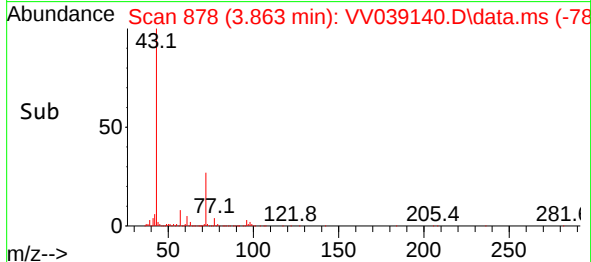
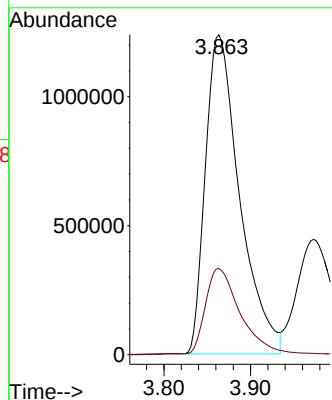
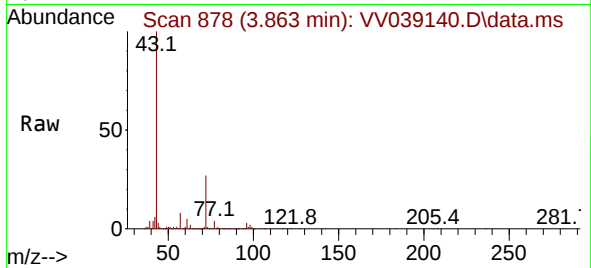




#25
2-Butanone
Concen: 508.801 ug/l
RT: 3.863 min Scan# 81
Delta R.T. 0.003 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

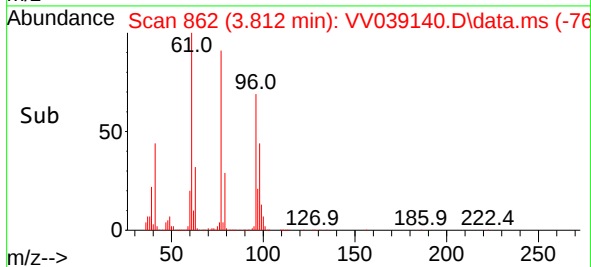
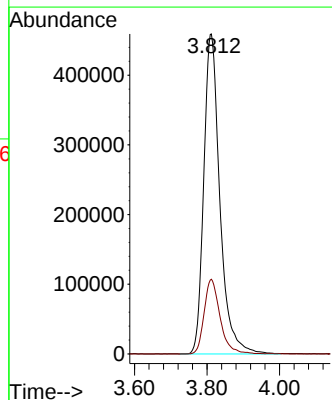
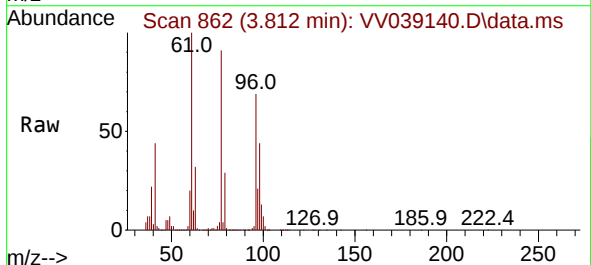
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 3404031
Ion Ratio Lower Upper
43 100
72 26.6 21.0 31.6



#26
2,2-Dichloropropane
Concen: 86.559 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 77 Resp: 1414724
Ion Ratio Lower Upper
77 100
97 23.2 11.6 34.7



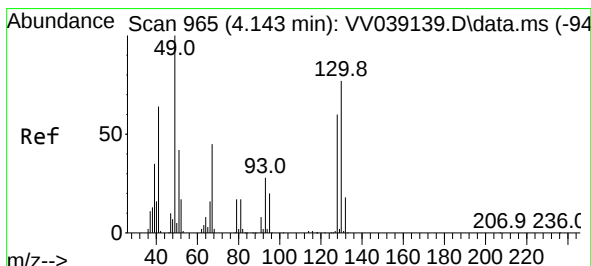
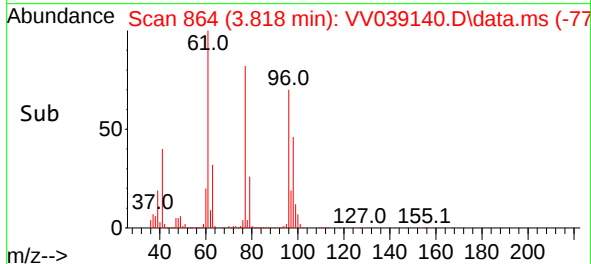
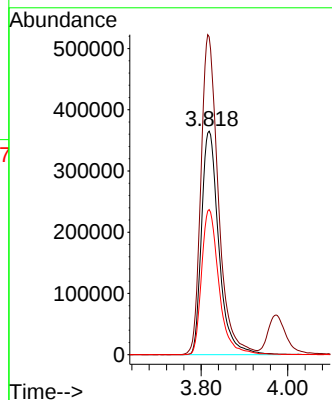
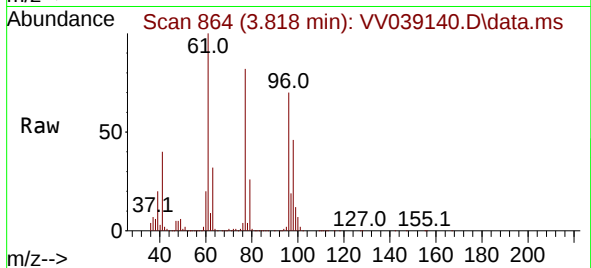


#27
 cis-1,2-Dichloroethene
 Concen: 97.210 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. -0.000 min
 Lab File: VV039140.D
 Acq: 22 Sep 2025 13:49

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

Tgt Ion: 96 Resp: 1010617

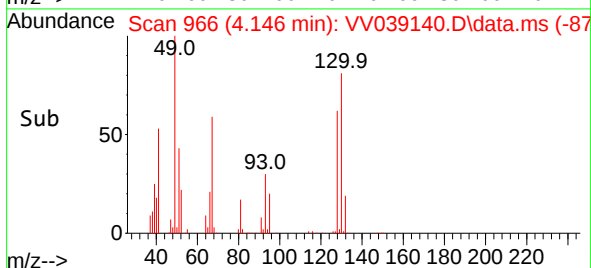
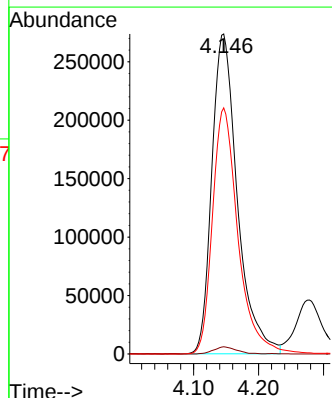
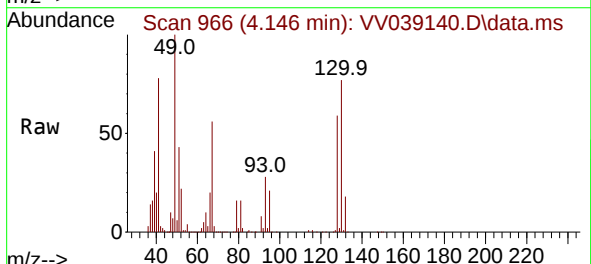
Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	286.4
98	64.9	0.0	126.6

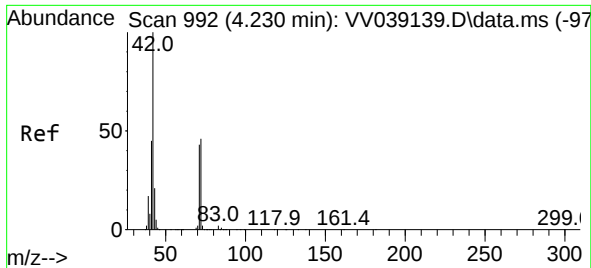


#28
 Bromochloromethane
 Concen: 91.624 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV039140.D
 Acq: 22 Sep 2025 13:49

Tgt Ion: 49 Resp: 748549

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	76.8	60.2	90.2



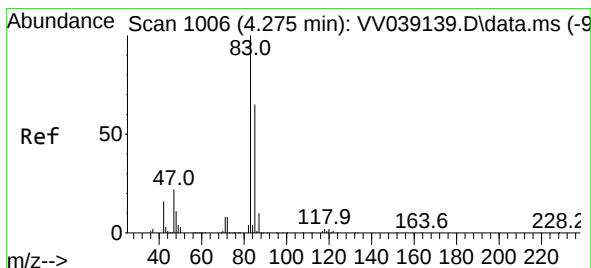
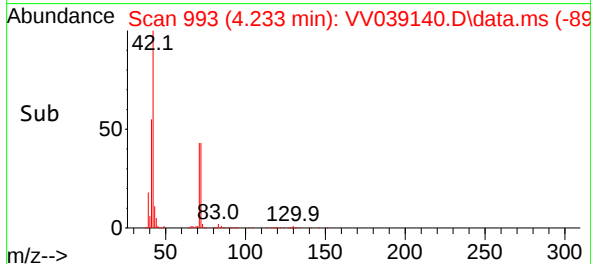
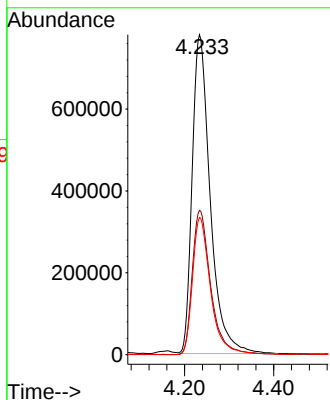
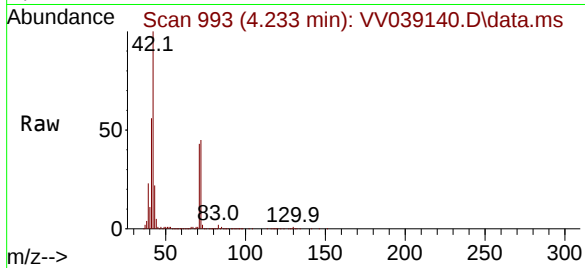


#29
Tetrahydrofuran
Concen: 516.116 ug/l
RT: 4.233 min Scan# 992
Delta R.T. 0.003 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 42 Resp: 2198745

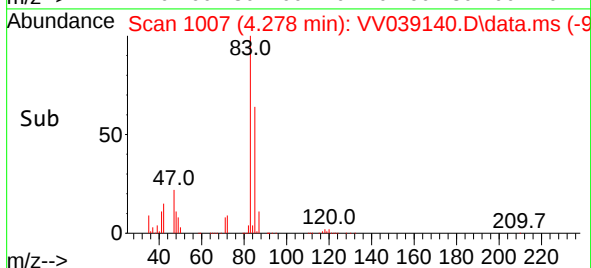
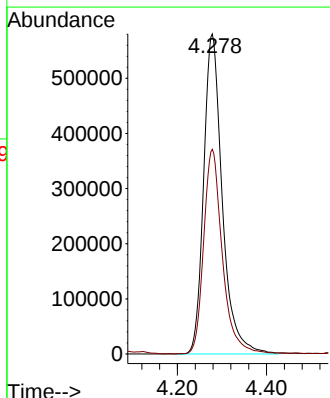
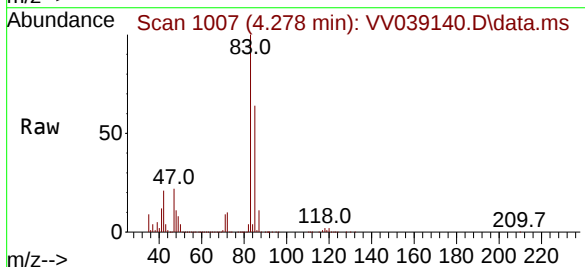
Ion	Ratio	Lower	Upper
42	100		
72	46.2	36.3	54.5
71	43.0	34.3	51.5

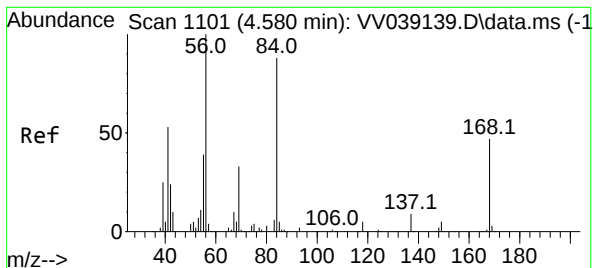


#30
Chloroform
Concen: 87.087 ug/l
RT: 4.278 min Scan# 1007
Delta R.T. 0.003 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 83 Resp: 1682895

Ion	Ratio	Lower	Upper
83	100		
85	63.9	52.1	78.1





#31

Cyclohexane

Concen: 97.182 ug/l

RT: 4.580 min Scan# 1101

Delta R.T. -0.000 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

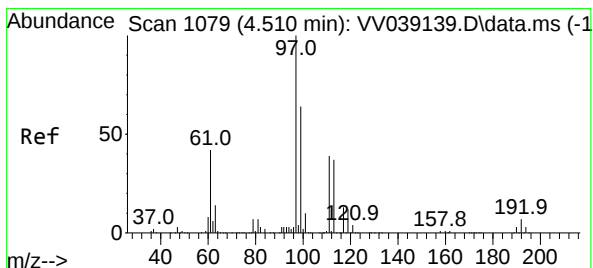
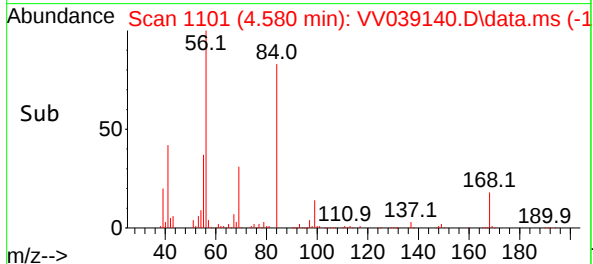
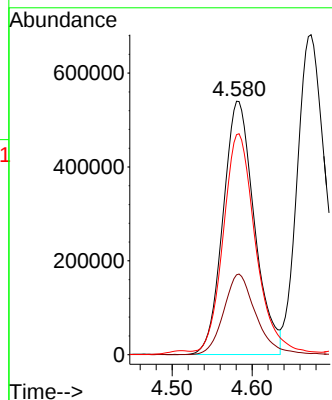
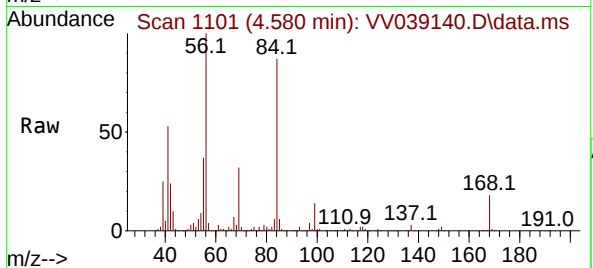
MSVOA_V

ClientSampleId :

VSTDIC100

Tgt Ion: 56 Resp: 1473260

Ion	Ratio	Lower	Upper
56	100		
69	31.5	26.2	39.2
84	85.3	70.3	105.5



#32

1,1,1-Trichloroethane

Concen: 88.700 ug/l

RT: 4.513 min Scan# 1080

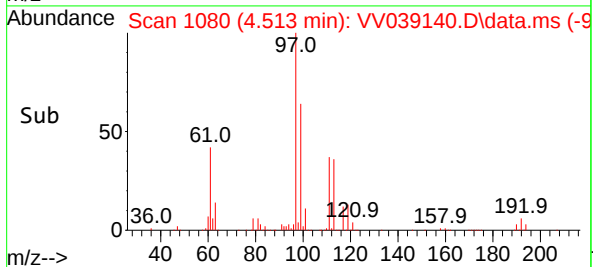
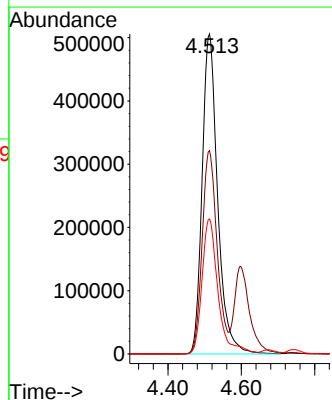
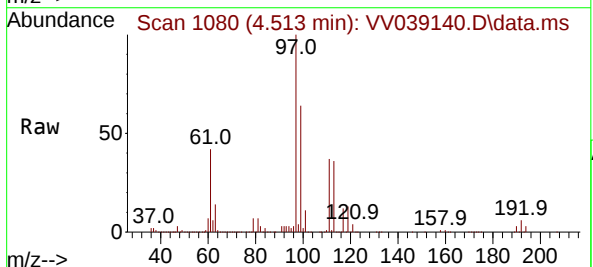
Delta R.T. 0.003 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Tgt Ion: 97 Resp: 1483938

Ion	Ratio	Lower	Upper
97	100		
99	61.3	49.6	74.4
61	43.5	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 85.362 ug/l

RT: 4.941 min Scan# 1212

Delta R.T. 0.003 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

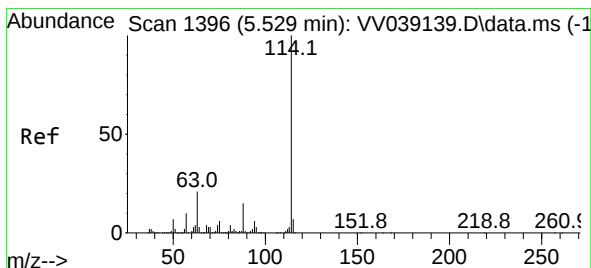
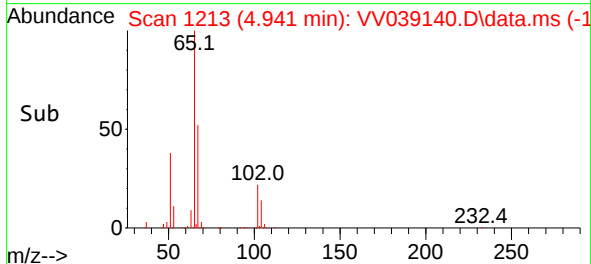
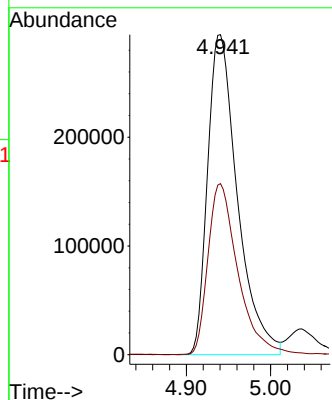
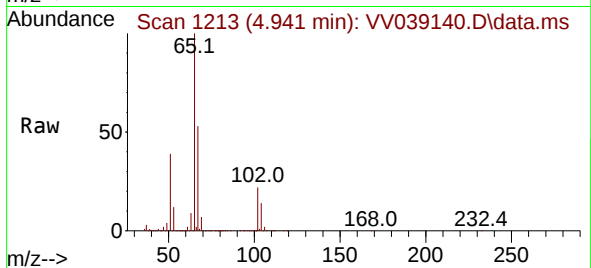
VSTDIC100

Tgt Ion: 65 Resp: 725543

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

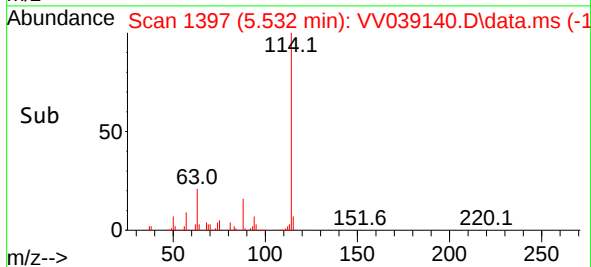
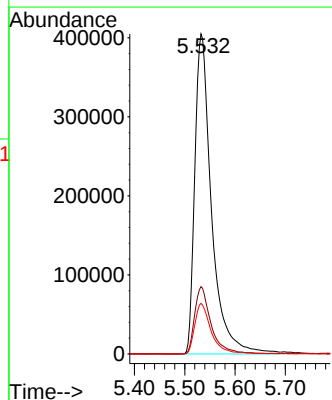
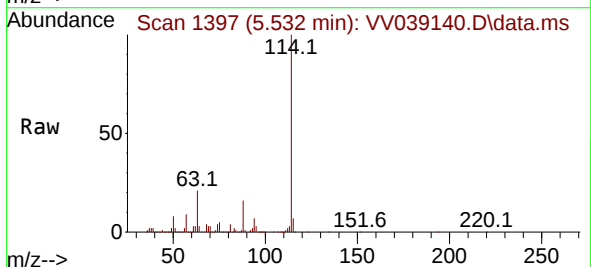
Tgt Ion: 114 Resp: 935392

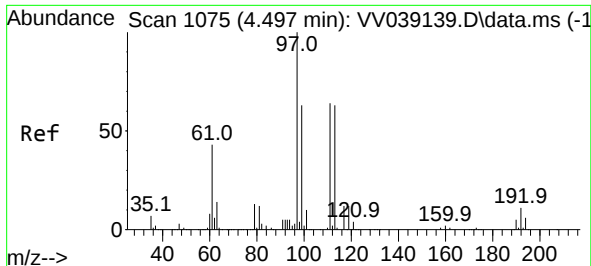
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 15.8 0.0 30.8

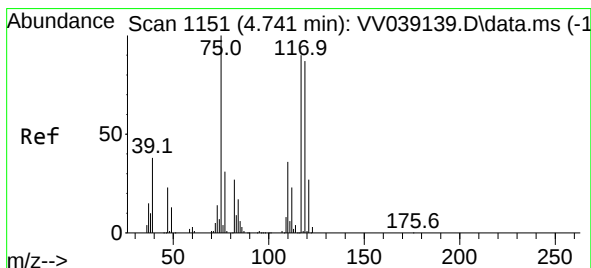
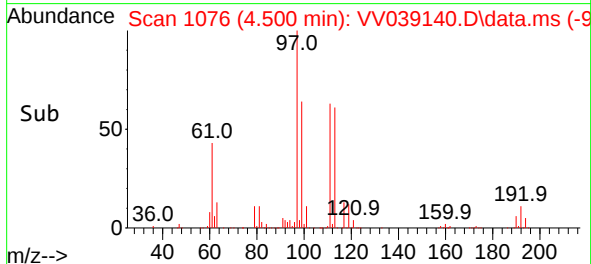
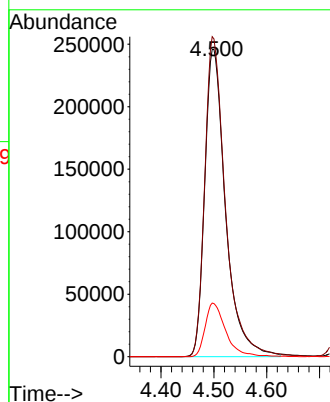
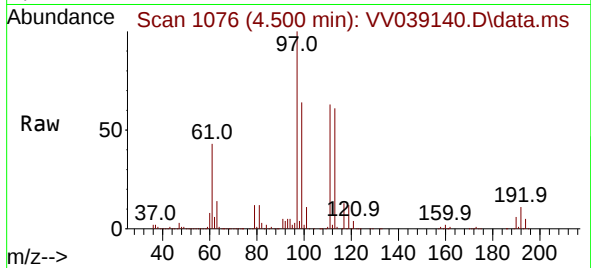




#35
Dibromofluoromethane
Concen: 89.684 ug/l
RT: 4.500 min Scan# 1107
Delta R.T. 0.003 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

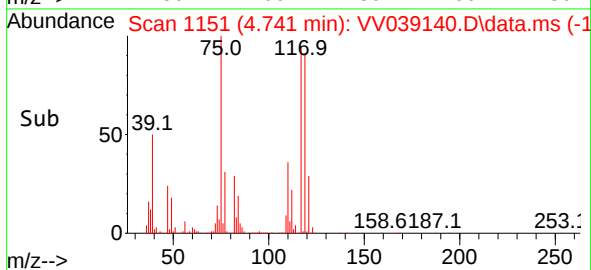
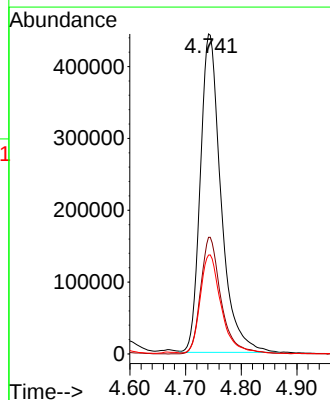
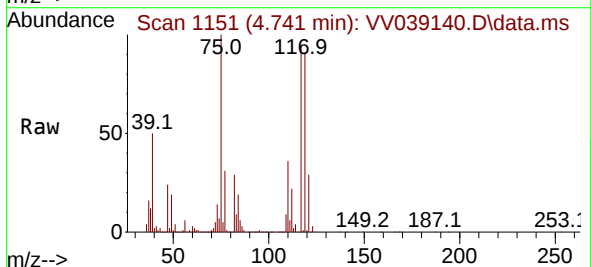
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

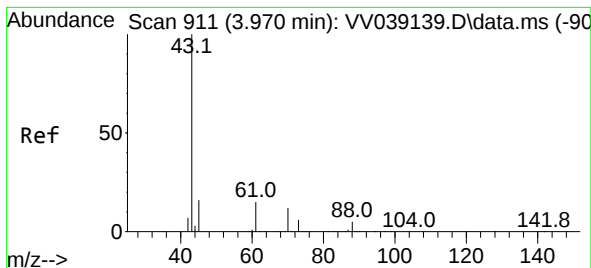
Tgt Ion:113 Resp: 674408
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 17.0 13.8 20.8



#36
1,1-Dichloropropene
Concen: 99.944 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 75 Resp: 1144520
Ion Ratio Lower Upper
75 100
110 36.3 18.1 54.1
77 31.3 24.8 37.2





#37

Ethyl Acetate

Concen: 94.580 ug/l

RT: 3.973 min Scan# 911

Delta R.T. 0.003 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

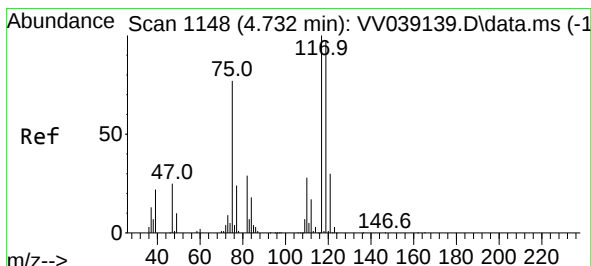
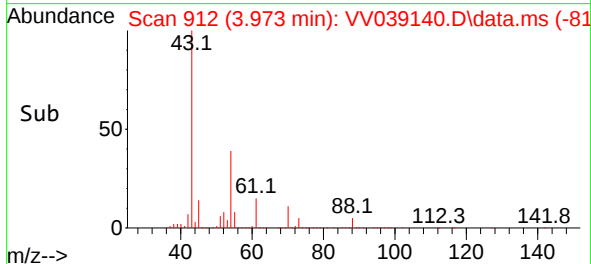
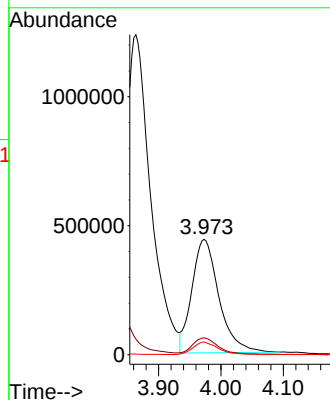
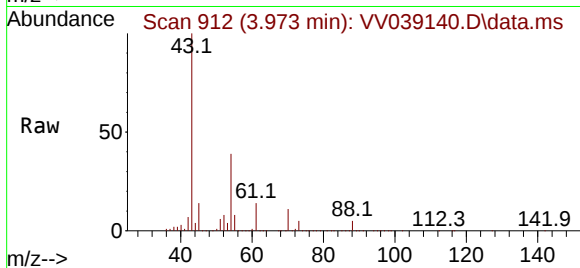
Tgt Ion: 43 Resp: 1328655

Ion Ratio Lower Upper

43 100

61 14.0 10.3 15.5

70 10.0 8.0 12.0



#38

Carbon Tetrachloride

Concen: 91.566 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. 0.003 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

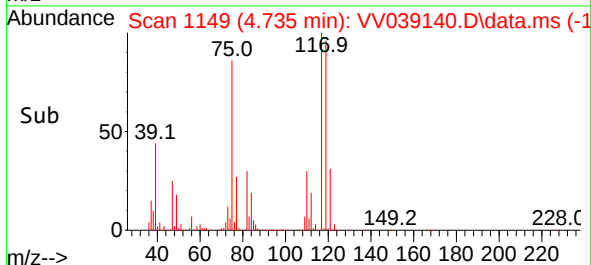
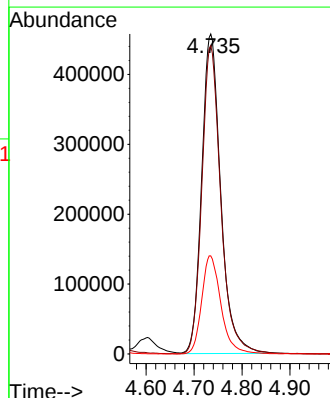
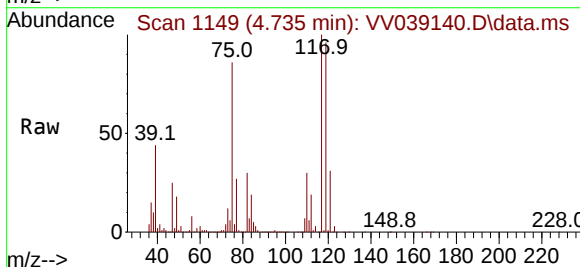
Tgt Ion: 117 Resp: 1263028

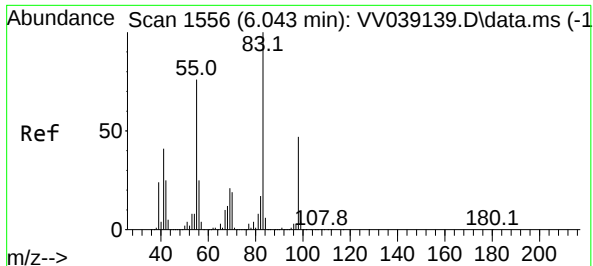
Ion Ratio Lower Upper

117 100

119 96.4 77.2 115.8

121 30.7 24.2 36.2





#39

Methylcyclohexane

Concen: 116.766 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.004 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

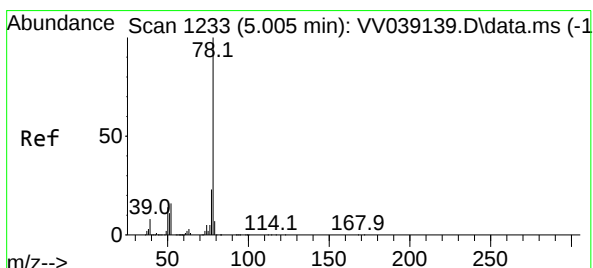
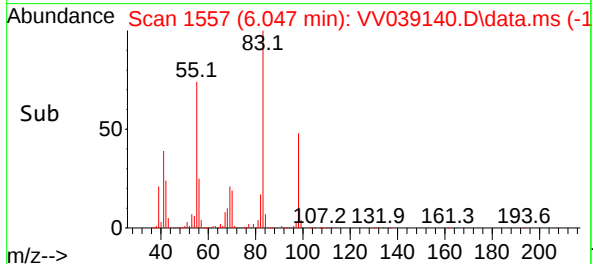
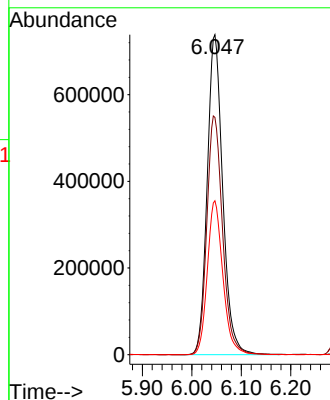
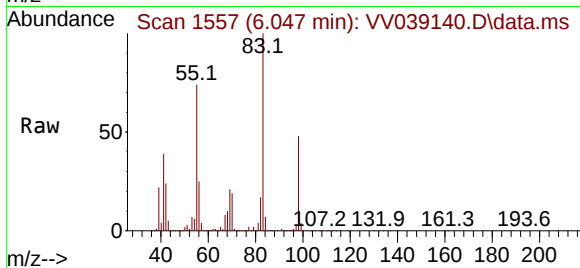
Tgt Ion: 83 Resp: 1603169

Ion Ratio Lower Upper

83 100

55 74.1 60.5 90.7

98 48.1 37.8 56.6



#40

Benzene

Concen: 97.560 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.003 min

Lab File: VV039140.D

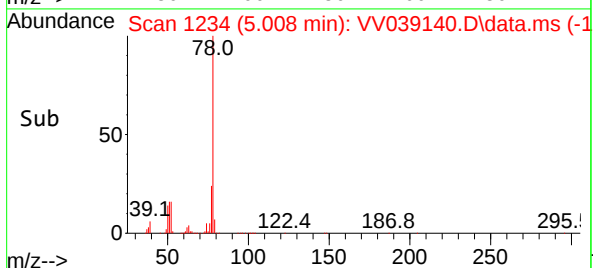
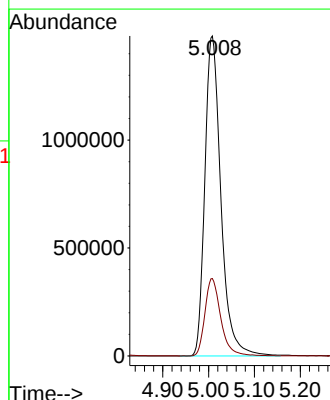
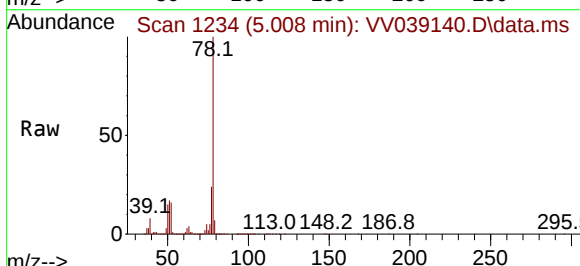
Acq: 22 Sep 2025 13:49

Tgt Ion: 78 Resp: 3611886

Ion Ratio Lower Upper

78 100

77 24.2 18.7 28.1

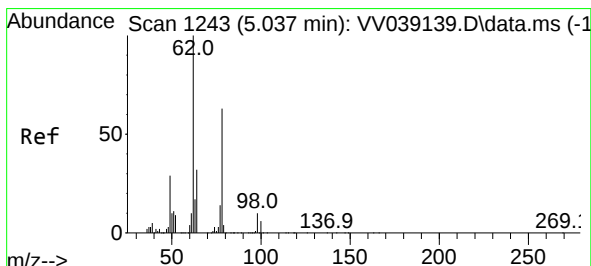
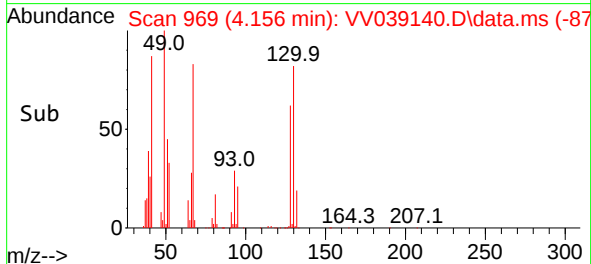
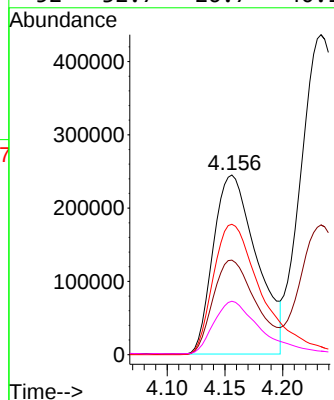
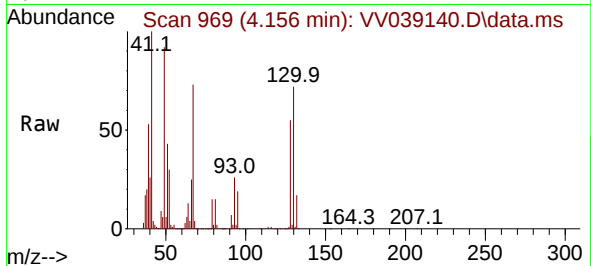




#41
Methacrylonitrile
Concen: 100.494 ug/l
RT: 4.156 min Scan# 968
Delta R.T. 0.003 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

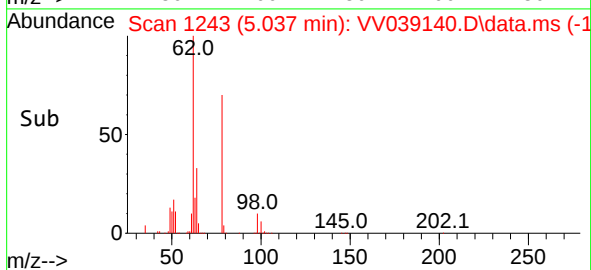
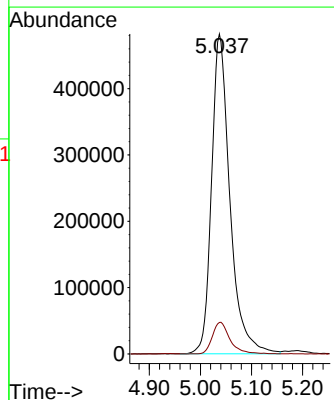
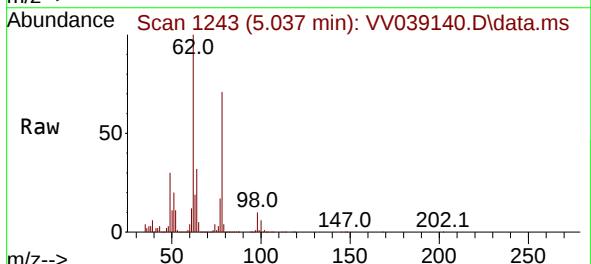
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 41 Resp: 639301
Ion Ratio Lower Upper
41 100
39 52.4 42.2 63.2
67 83.7 67.9 101.9
52 32.7 26.7 40.1



#42
1,2-Dichloroethane
Concen: 92.737 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 62 Resp: 1202991
Ion Ratio Lower Upper
62 100
98 9.5 0.0 19.2



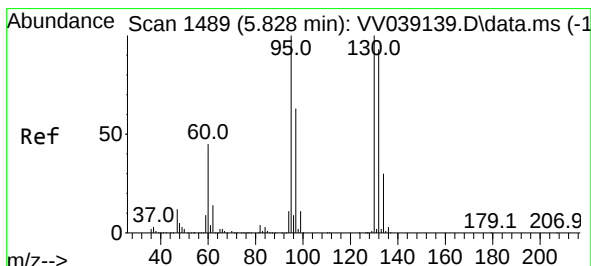
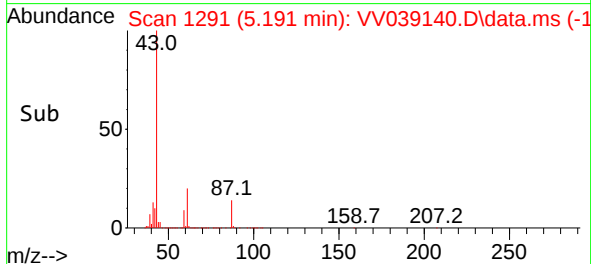
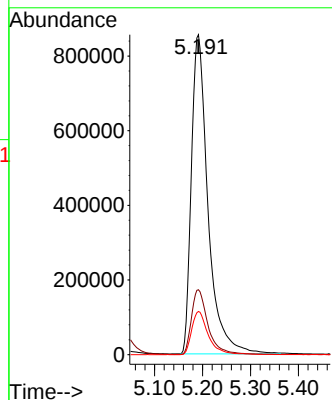
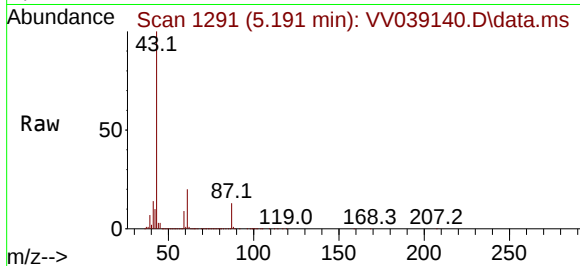


#43
Isopropyl Acetate
Concen: 106.372 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. 0.003 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 2058622

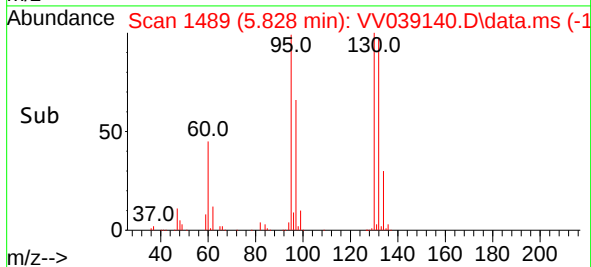
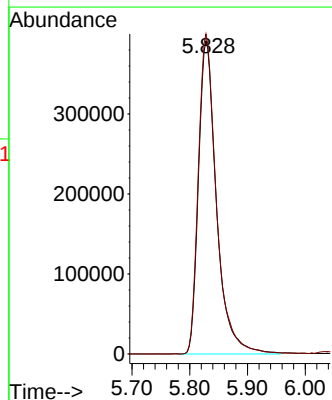
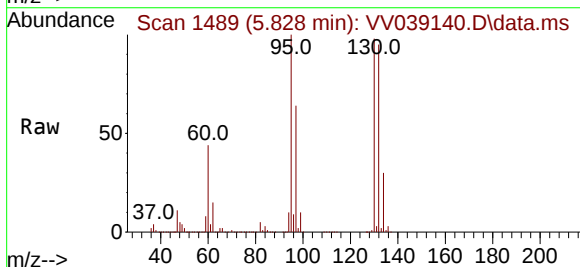
Ion	Ratio	Lower	Upper
43	100		
61	20.1	15.9	23.9
87	13.6	11.0	16.6

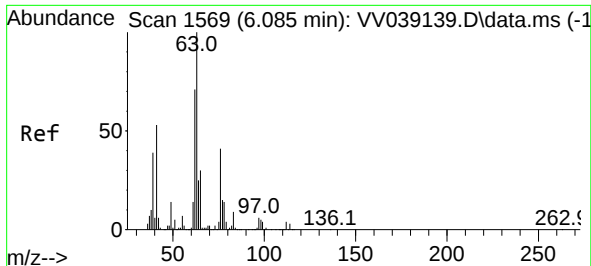


#44
Trichloroethene
Concen: 99.474 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion:130 Resp: 849813

Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	199.2





#45

1,2-Dichloropropane

Concen: 98.813 ug/l

RT: 6.088 min Scan# 1569

Delta R.T. 0.003 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

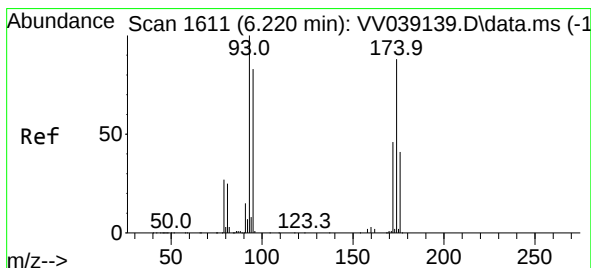
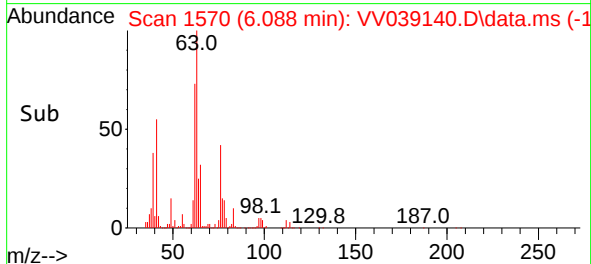
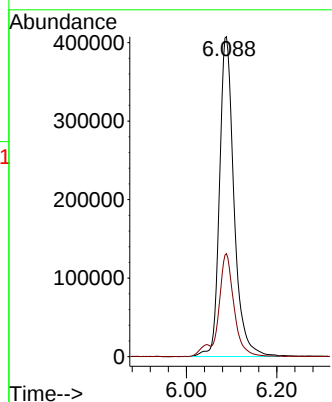
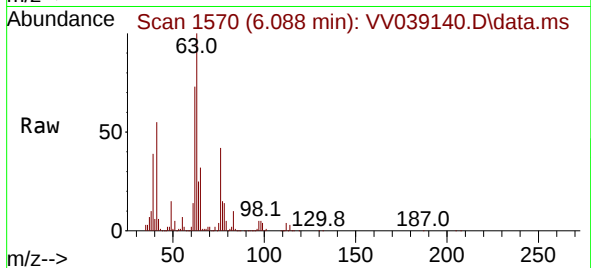
VSTDIC100

Tgt Ion: 63 Resp: 909288

Ion Ratio Lower Upper

63 100

65 32.2 23.7 35.5



#46

Dibromomethane

Concen: 93.898 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. -0.000 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

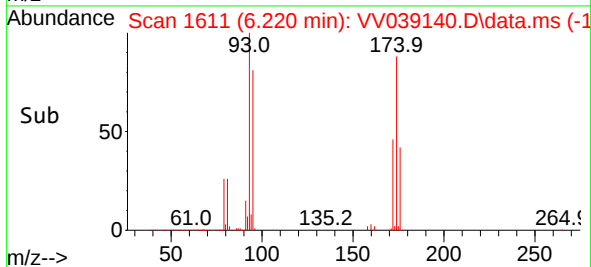
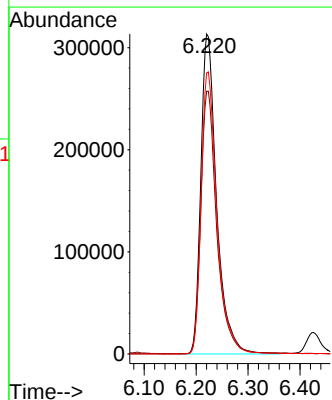
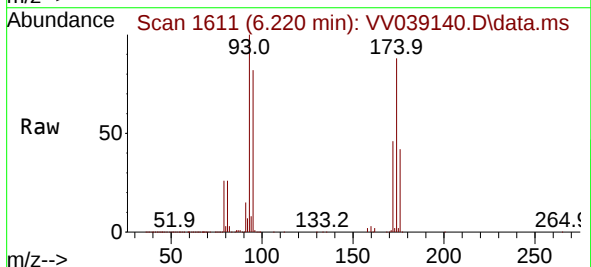
Tgt Ion: 93 Resp: 661336

Ion Ratio Lower Upper

93 100

95 82.8 65.5 98.3

174 88.3 69.0 103.4

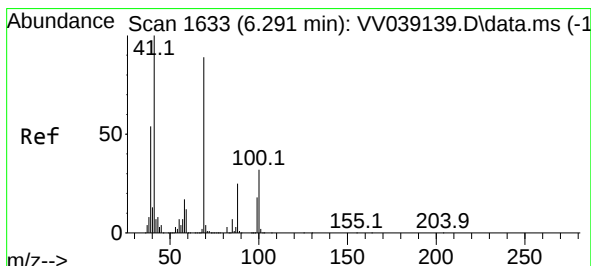
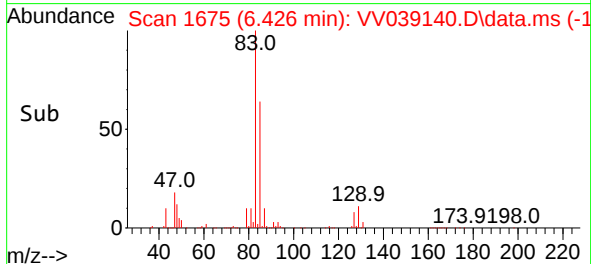
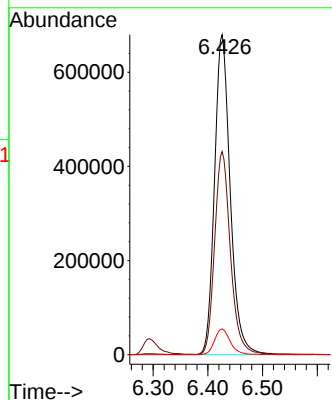
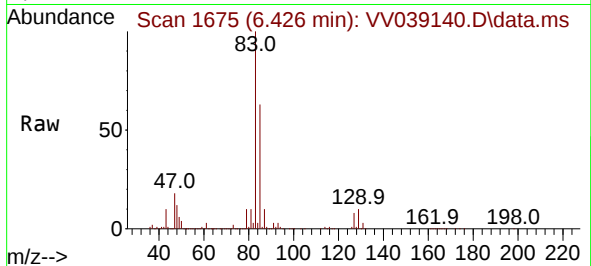




#47
Bromodichloromethane
Concen: 93.118 ug/l
RT: 6.426 min Scan# 1674
Delta R.T. 0.003 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

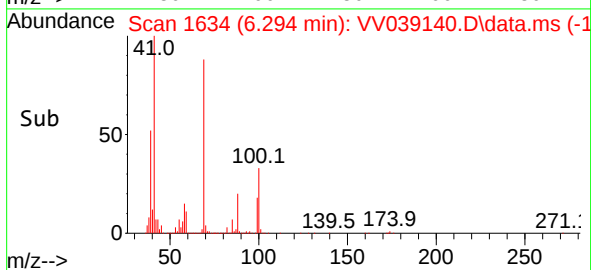
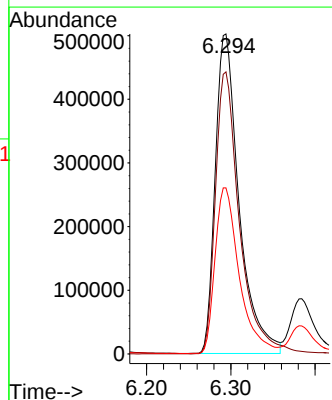
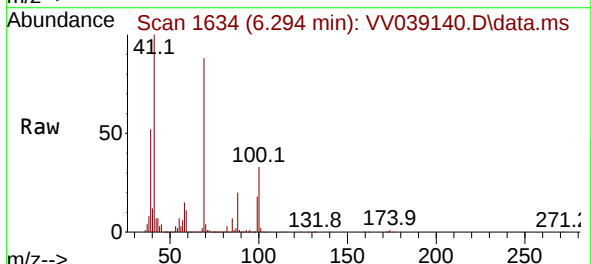
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

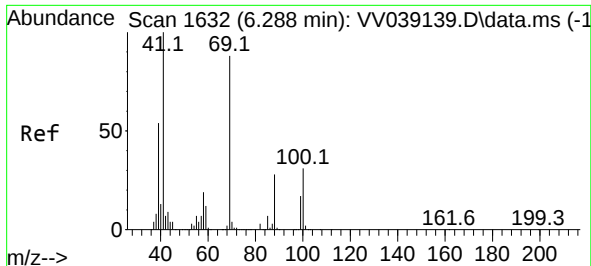
Tgt Ion: 83 Resp: 1355845
Ion Ratio Lower Upper
83 100
85 63.3 49.7 74.5
127 8.0 6.6 9.8



#48
Methyl methacrylate
Concen: 111.182 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 41 Resp: 984431
Ion Ratio Lower Upper
41 100
69 90.0 72.4 108.6
39 52.7 42.5 63.7





#49

1,4-Dioxane

Concen: 2191.331 ug/l

RT: 6.288 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

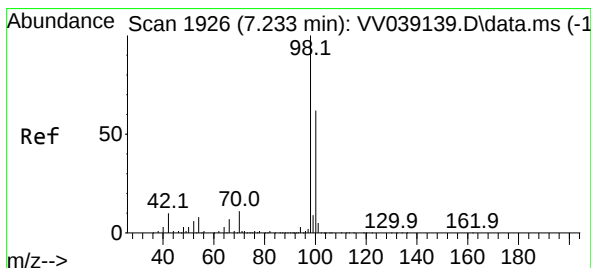
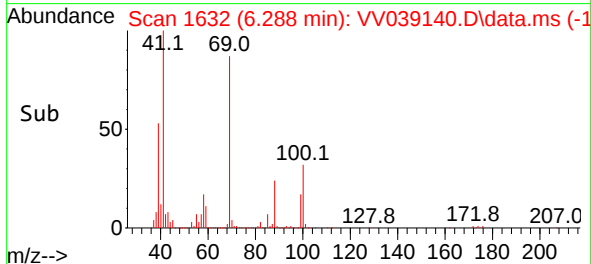
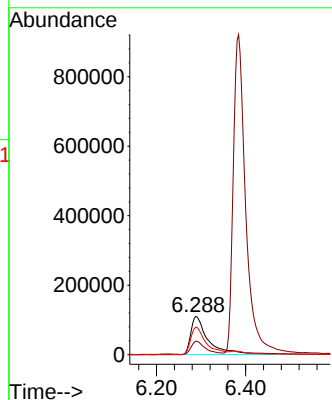
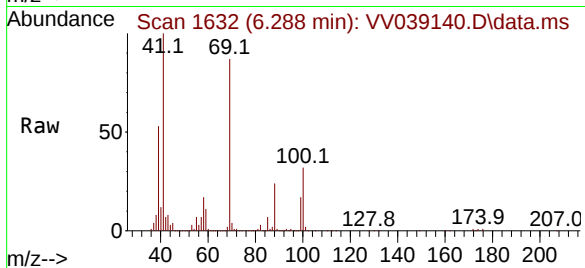
Tgt Ion: 88 Resp: 304943

Ion Ratio Lower Upper

88 100

43 29.1 25.1 37.7

58 62.6 53.6 80.4



#50

Toluene-d8

Concen: 92.932 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039140.D

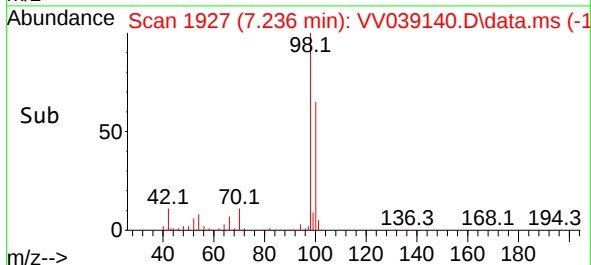
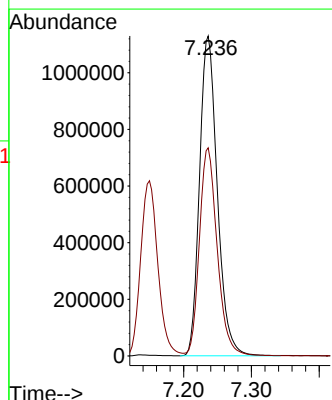
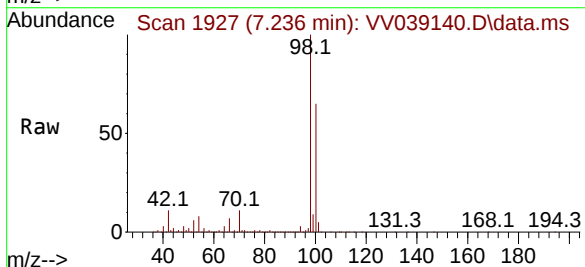
Acq: 22 Sep 2025 13:49

Tgt Ion: 98 Resp: 2052477

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 539.372 ug/l

RT: 7.149 min Scan# 1899

Delta R.T. 0.003 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

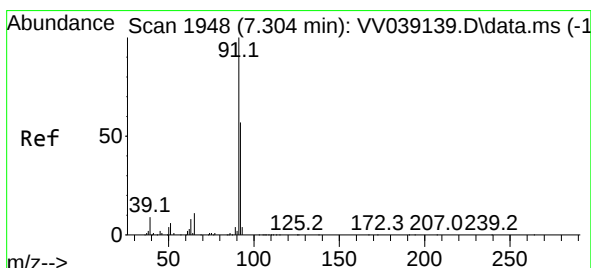
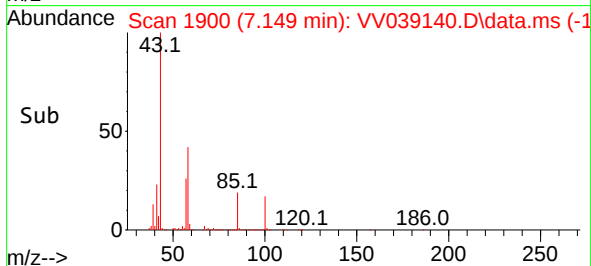
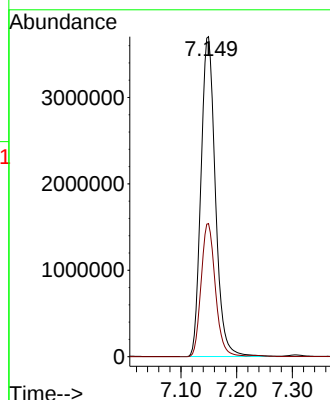
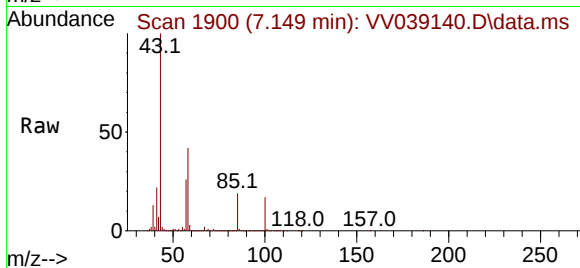
VSTDIC100

Tgt Ion: 43 Resp: 6674594

Ion Ratio Lower Upper

43 100

58 41.1 32.3 48.5



#52

Toluene

Concen: 105.813 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV039140.D

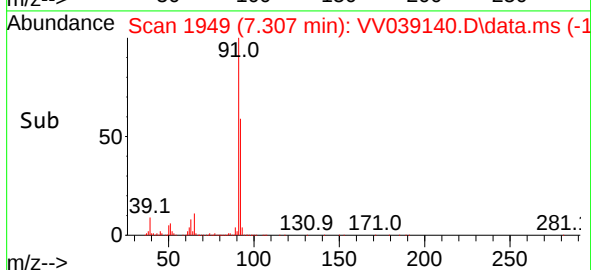
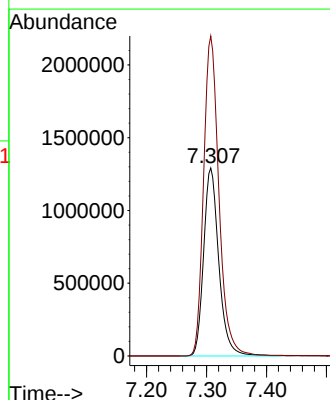
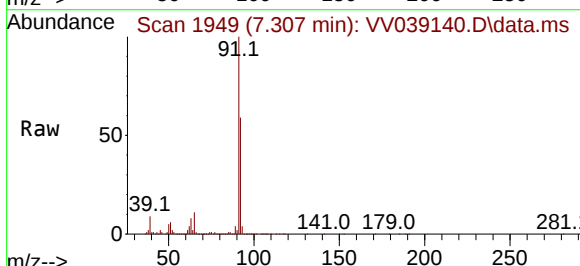
Acq: 22 Sep 2025 13:49

Tgt Ion: 92 Resp: 2271340

Ion Ratio Lower Upper

92 100

91 172.4 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 110.970 ug/l

RT: 7.571 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

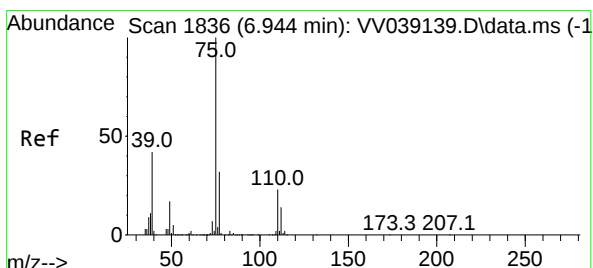
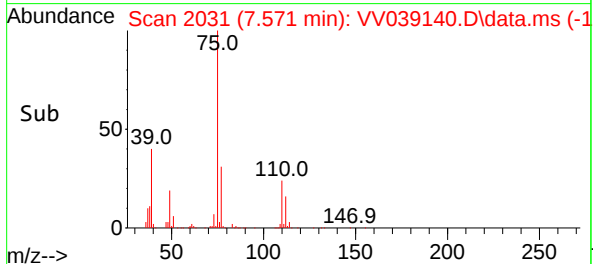
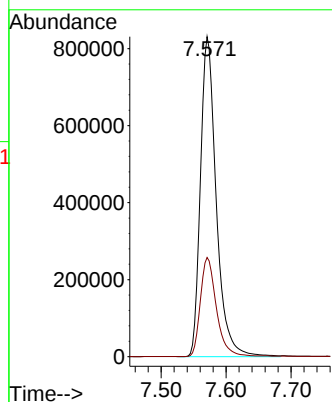
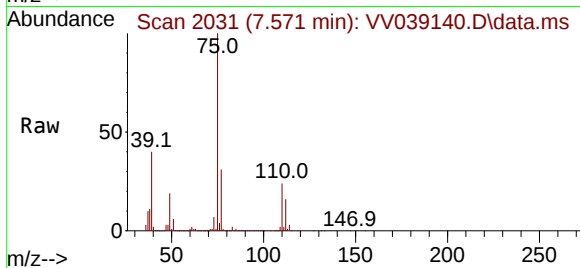
VSTDICC100

Tgt Ion: 75 Resp: 1408125

Ion Ratio Lower Upper

75 100

77 31.0 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 107.178 ug/l

RT: 6.947 min Scan# 1837

Delta R.T. 0.003 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

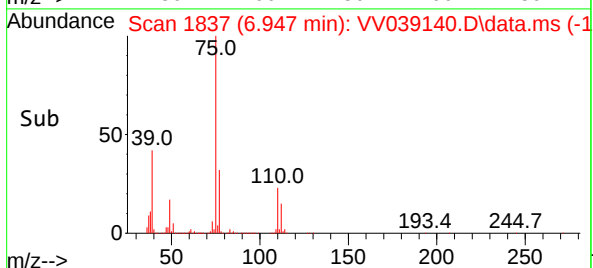
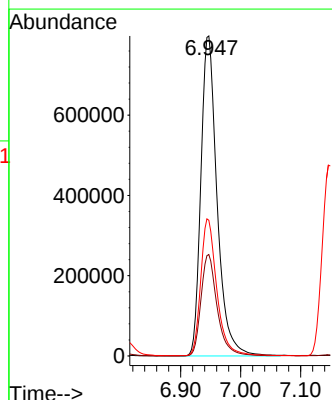
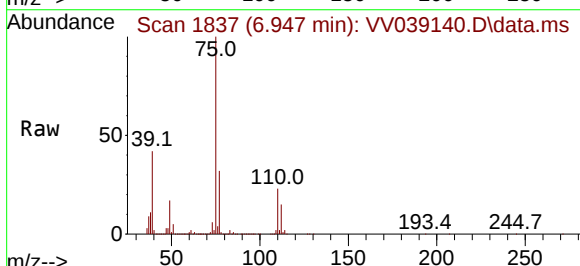
Tgt Ion: 75 Resp: 1501380

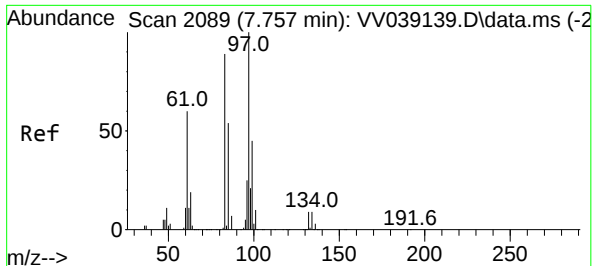
Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

39 42.3 33.8 50.6

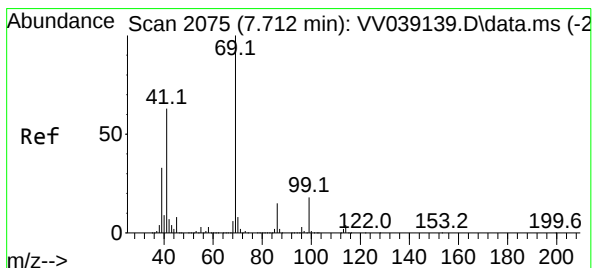
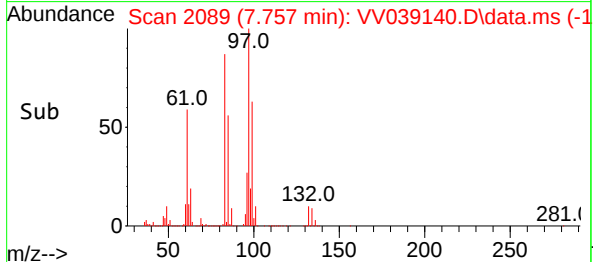
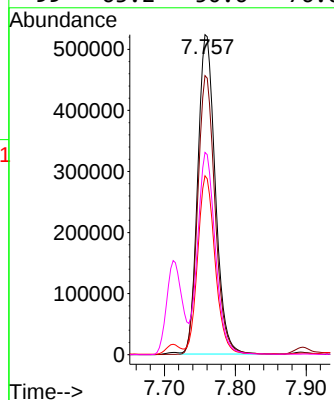
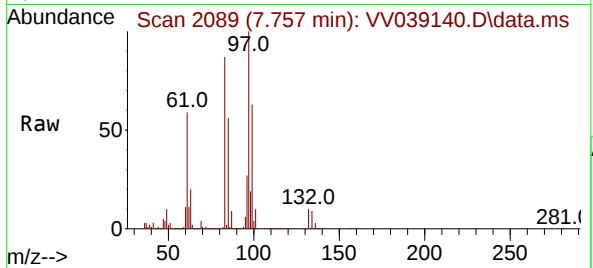




#55
1,1,2-Trichloroethane
Concen: 93.280 ug/l
RT: 7.757 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

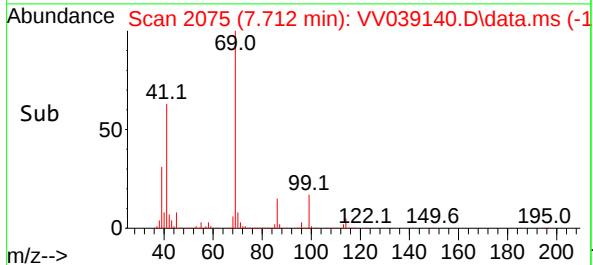
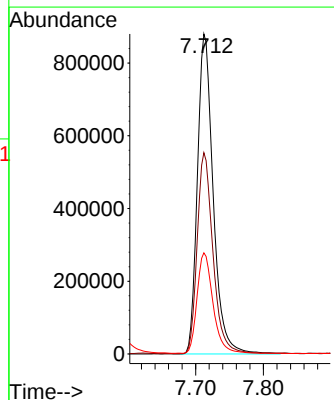
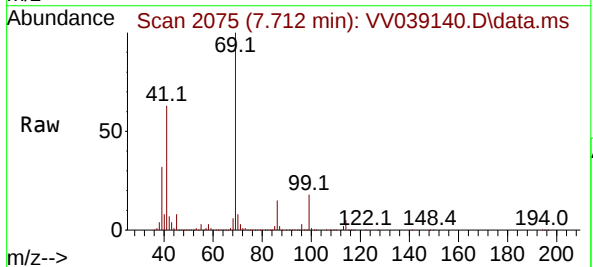
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion:	97	Resp:	897804
Ion	Ratio	Lower	Upper
97	100		
83	87.2	71.1	106.7
85	55.8	44.6	67.0
99	63.2	50.6	76.0



#56
Ethyl methacrylate
Concen: 124.621 ug/l
RT: 7.712 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion:	69	Resp:	1424432
Ion	Ratio	Lower	Upper
69	100		
41	62.8	50.7	76.1
39	31.6	26.0	39.0





#57

1,3-Dichloropropane

Concen: 98.832 ug/l

RT: 7.931 min Scan# 2143

Delta R.T. -0.000 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

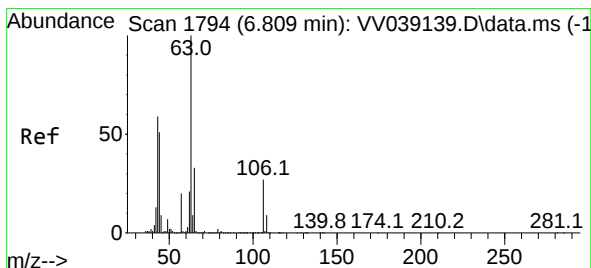
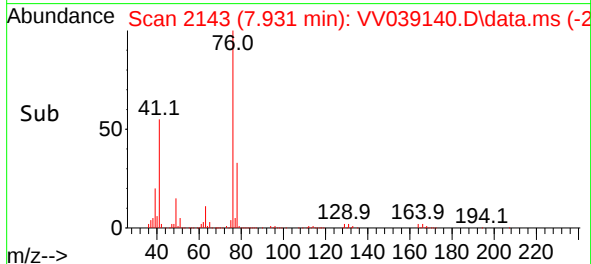
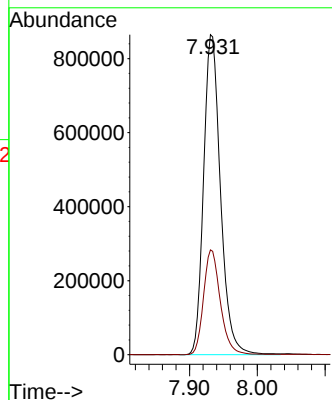
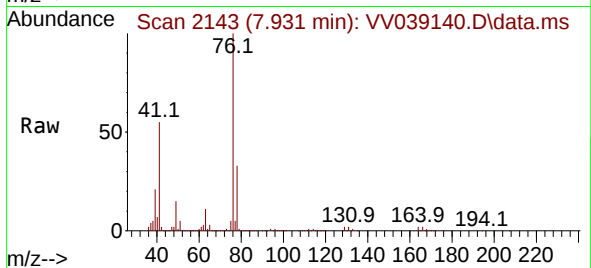
VSTDIC100

Tgt Ion: 76 Resp: 1501225

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 498.705 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VV039140.D

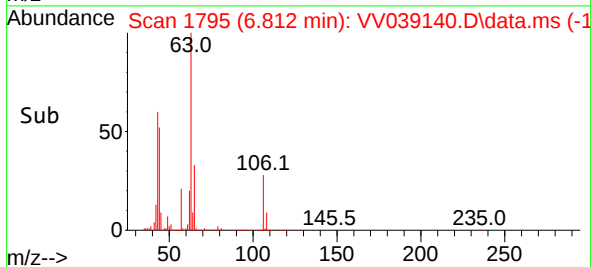
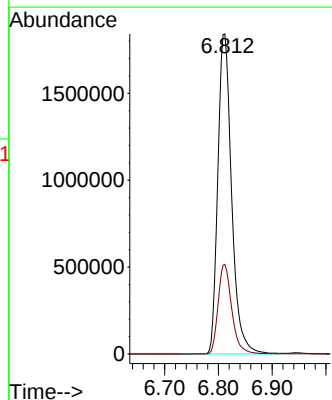
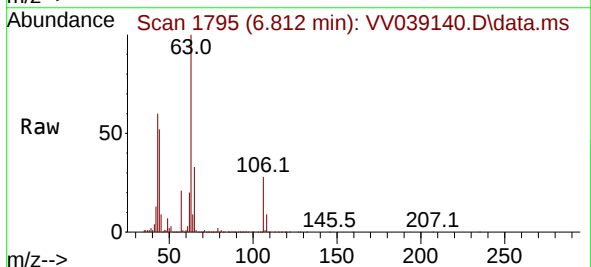
Acq: 22 Sep 2025 13:49

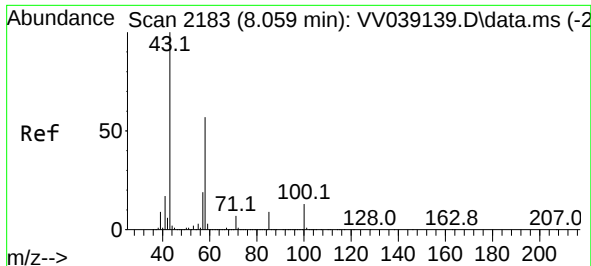
Tgt Ion: 63 Resp: 3282267

Ion Ratio Lower Upper

63 100

106 27.7 22.1 33.1

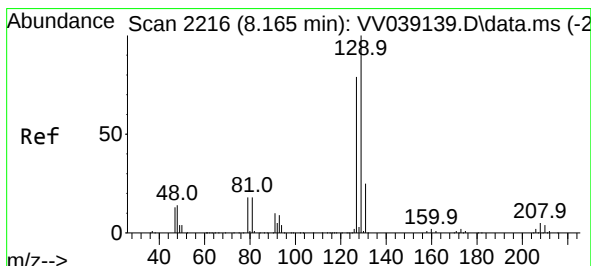
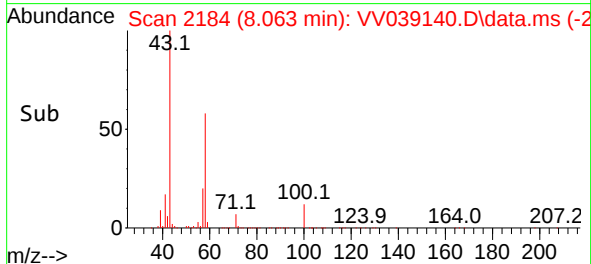
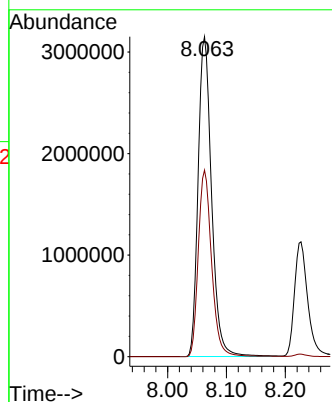
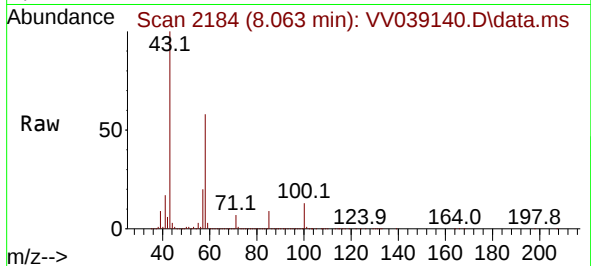




#59
2-Hexanone
Concen: 497.186 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.004 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

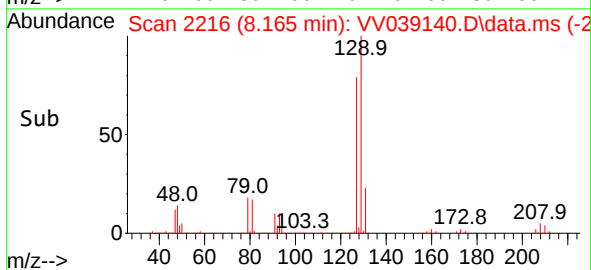
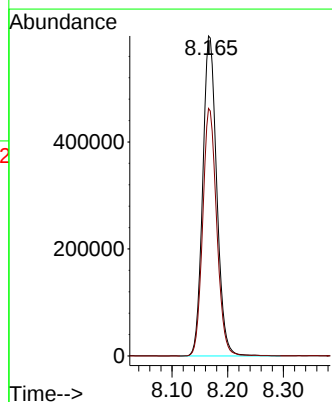
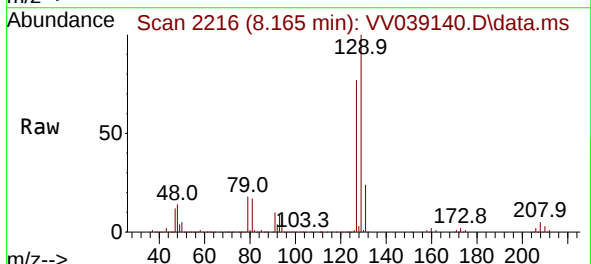
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 4988835
Ion Ratio Lower Upper
43 100
58 57.6 28.3 85.0



#60
Dibromochloromethane
Concen: 95.206 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 129 Resp: 1044126
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.9

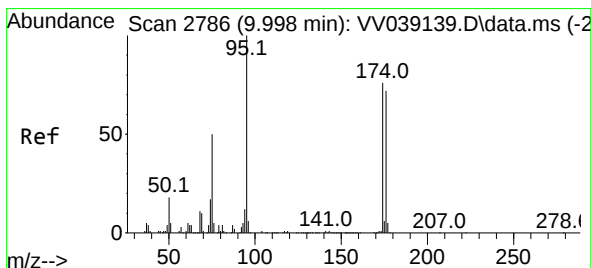
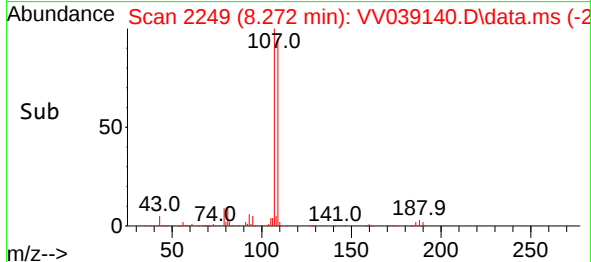
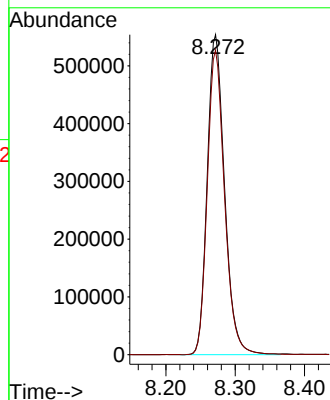
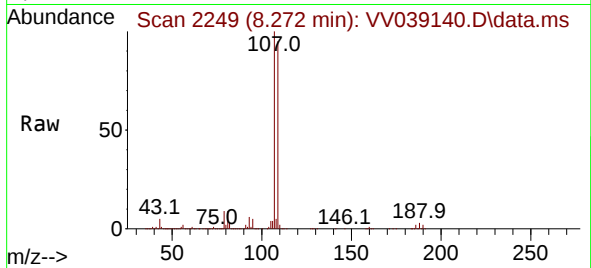




#61
1,2-Dibromoethane
Concen: 97.622 ug/l
RT: 8.272 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

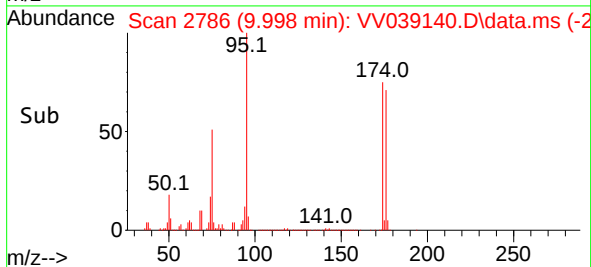
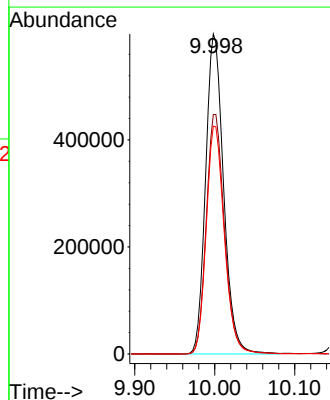
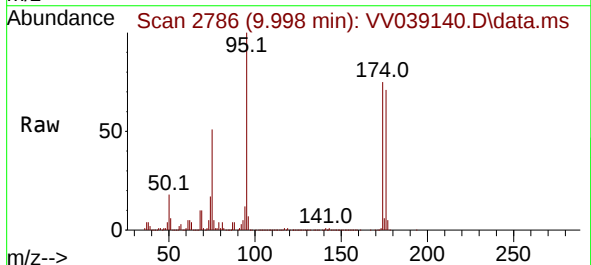
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

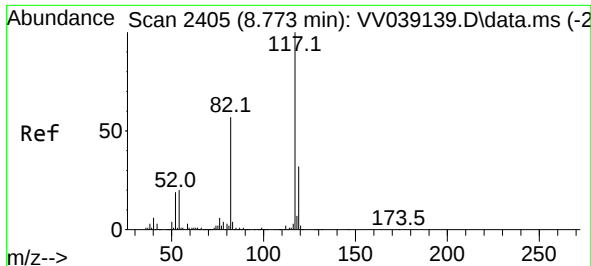
Tgt Ion:107 Resp: 960914
Ion Ratio Lower Upper
107 100
109 94.8 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 103.112 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 95 Resp: 937505
Ion Ratio Lower Upper
95 100
174 75.8 0.0 150.4
176 71.8 0.0 144.2

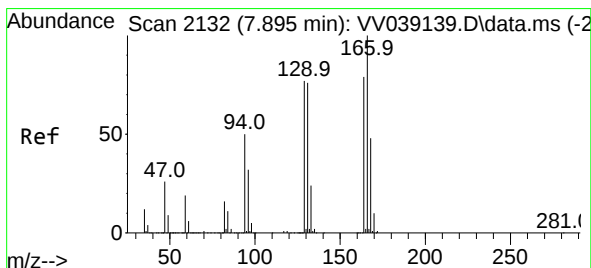
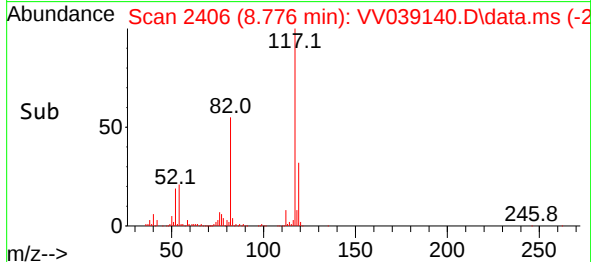
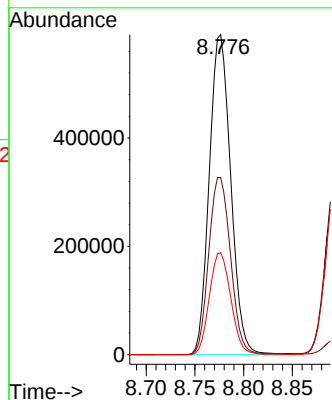
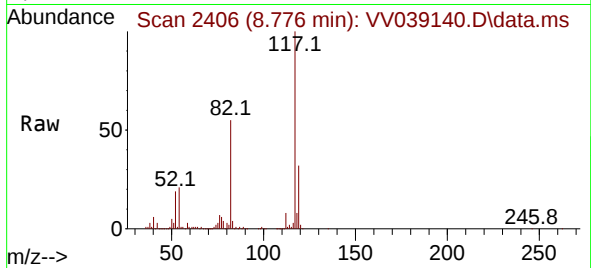




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

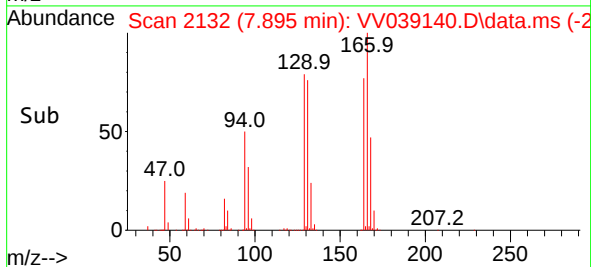
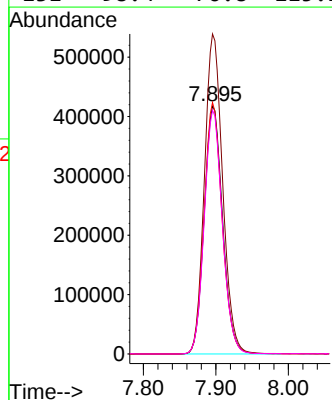
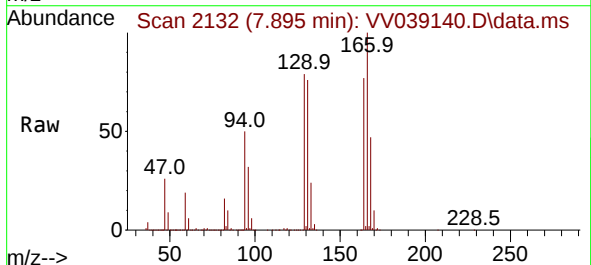
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

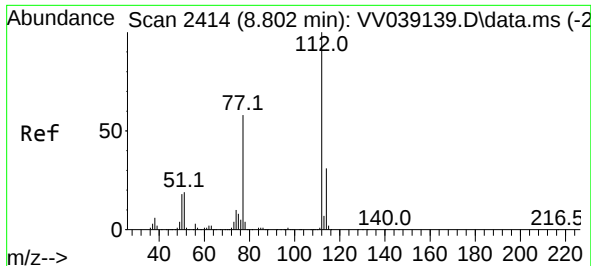
Tgt Ion:117 Resp: 904902
Ion Ratio Lower Upper
117 100
82 55.3 45.4 68.2
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 97.167 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion:164 Resp: 736462
Ion Ratio Lower Upper
164 100
166 129.1 101.6 152.4
129 101.5 78.5 117.7
131 98.4 76.8 115.2

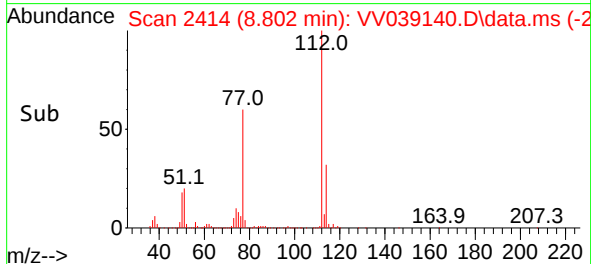
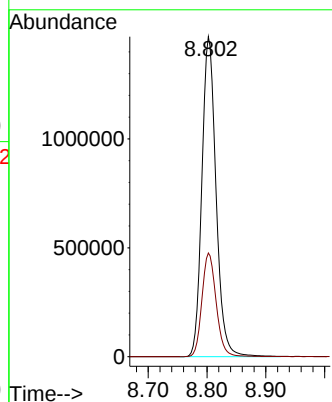
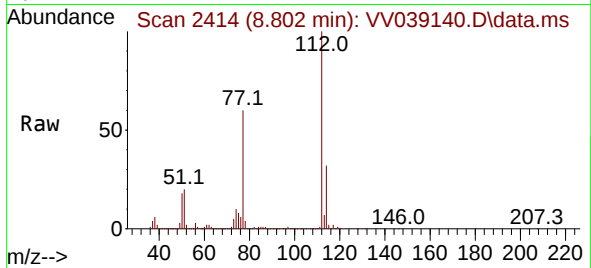




#65
Chlorobenzene
Concen: 97.480 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

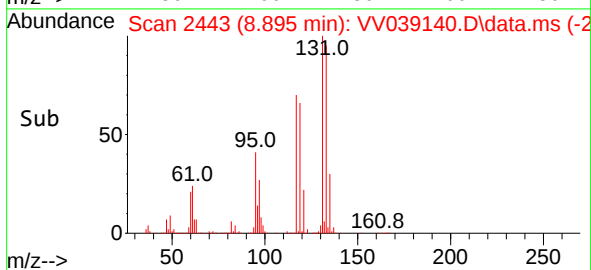
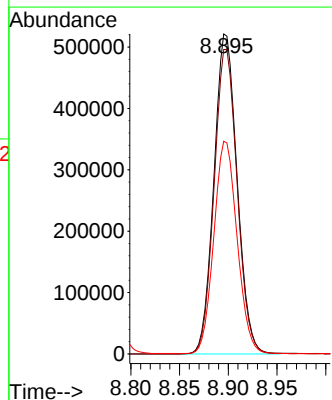
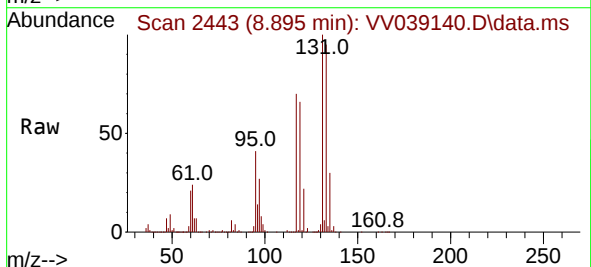
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

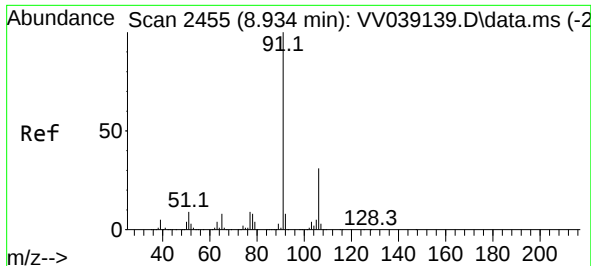
Tgt Ion:112 Resp: 2457021
Ion Ratio Lower Upper
112 100
114 32.4 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 94.816 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion:131 Resp: 863523
Ion Ratio Lower Upper
131 100
133 94.8 47.3 141.8
119 66.6 33.3 99.8





#67

Ethyl Benzene

Concen: 114.700 ug/l

RT: 8.934 min Scan# 2455

Delta R.T. -0.000 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

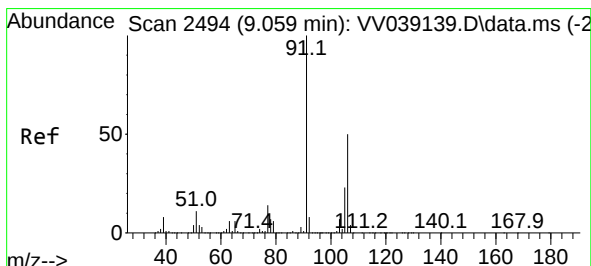
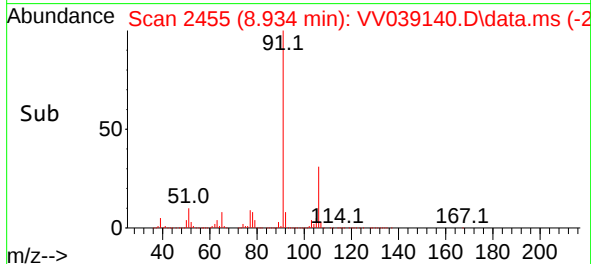
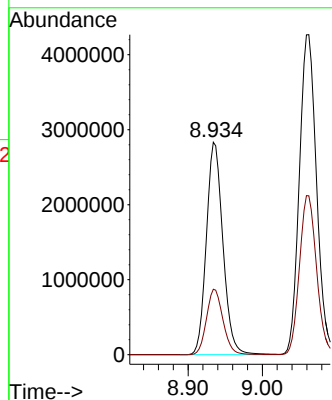
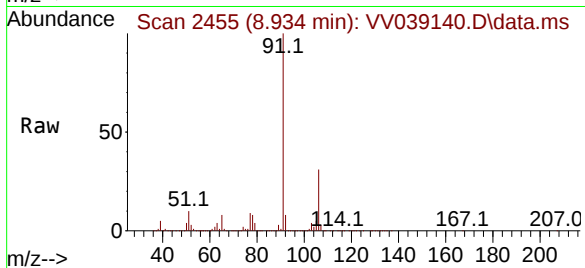
VSTDIC100

Tgt Ion: 91 Resp: 4376266

Ion Ratio Lower Upper

91 100

106 30.8 24.6 37.0



#68

m/p-Xylenes

Concen: 230.657 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. 0.000 min

Lab File: VV039140.D

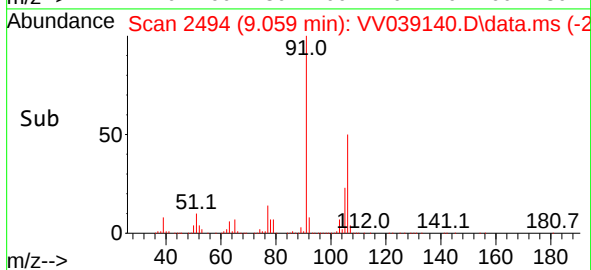
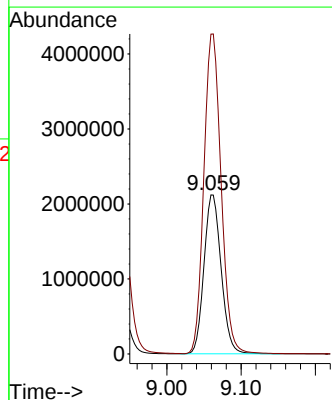
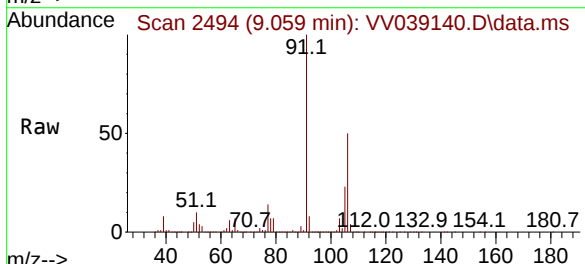
Acq: 22 Sep 2025 13:49

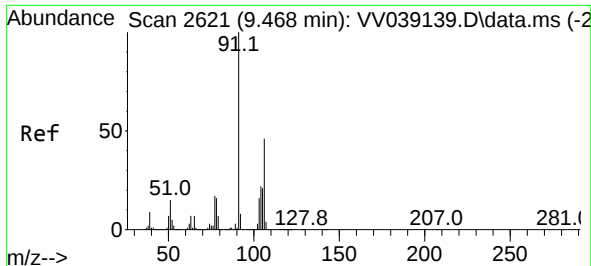
Tgt Ion:106 Resp: 3396653

Ion Ratio Lower Upper

106 100

91 202.4 162.5 243.7

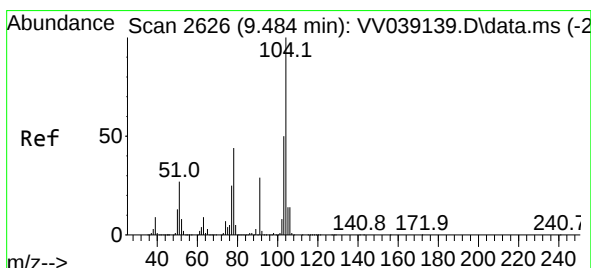
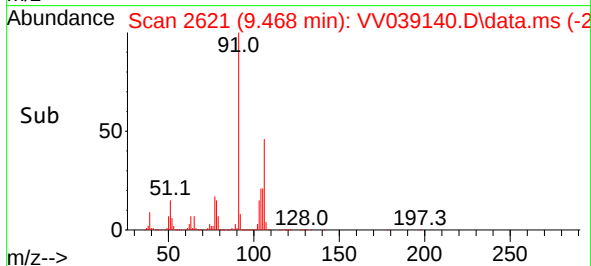
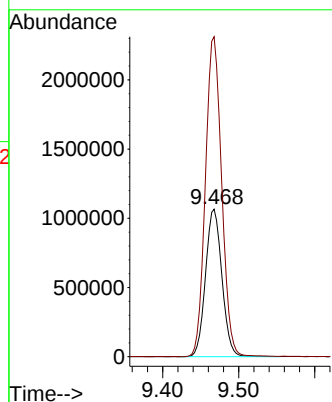
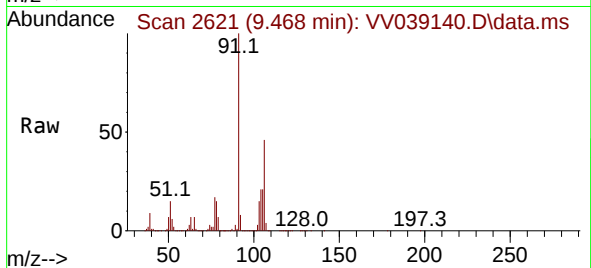




#69
o-Xylene
Concen: 122.170 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

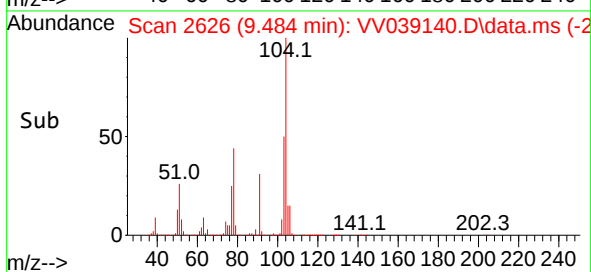
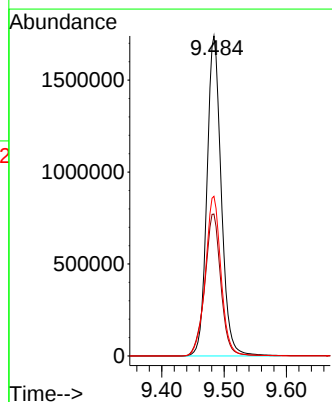
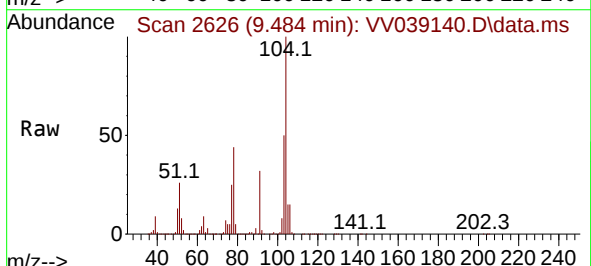
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC100

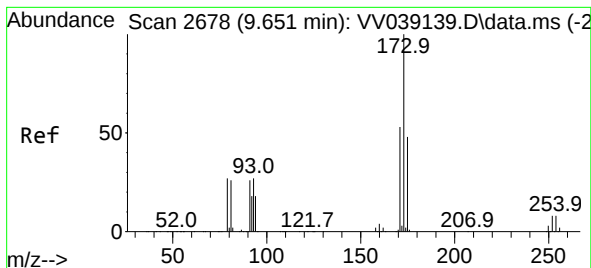
Tgt Ion:106 Resp: 1592963
Ion Ratio Lower Upper
106 100
91 215.6 109.1 327.3



#70
Styrene
Concen: 99.832 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion:104 Resp: 2781887
Ion Ratio Lower Upper
104 100
78 49.7 39.8 59.6
103 54.8 43.4 65.2





#71

Bromoform

Concen: 101.838 ug/l

RT: 9.651 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

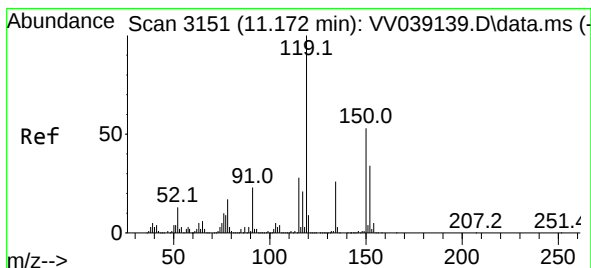
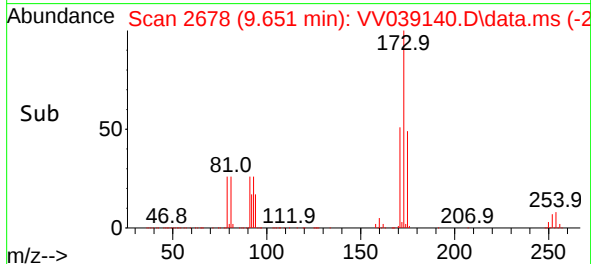
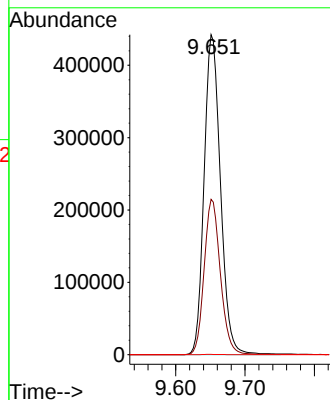
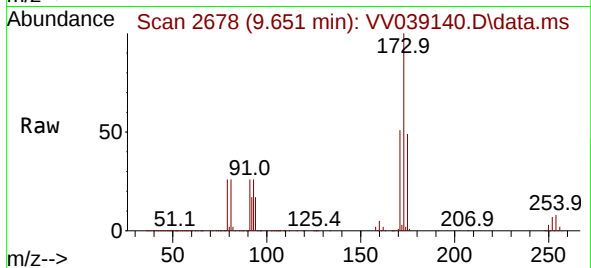
Tgt Ion:173 Resp: 724467

Ion Ratio Lower Upper

173 100

175 48.2 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: VV039140.D

Acq: 22 Sep 2025 13:49

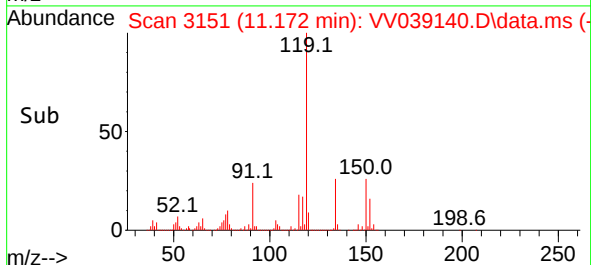
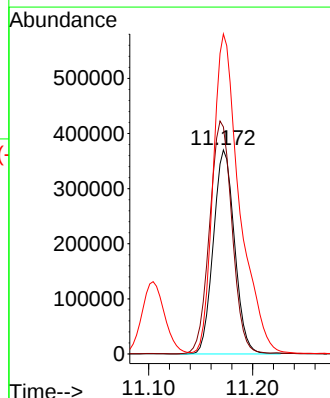
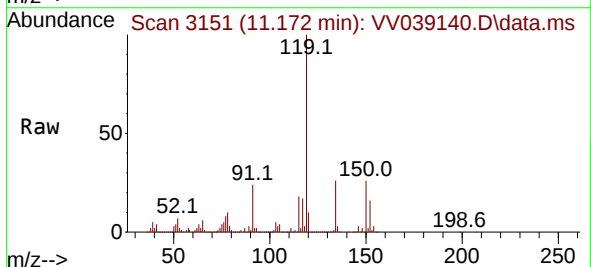
Tgt Ion:152 Resp: 523452

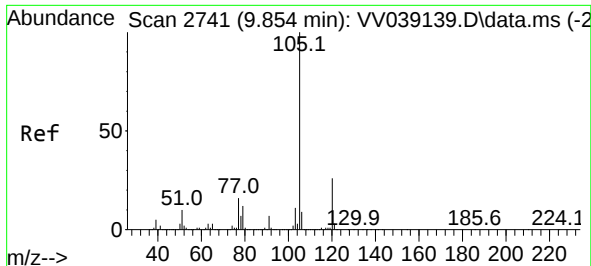
Ion Ratio Lower Upper

152 100

115 121.0 44.8 134.4

150 195.4 0.0 353.8

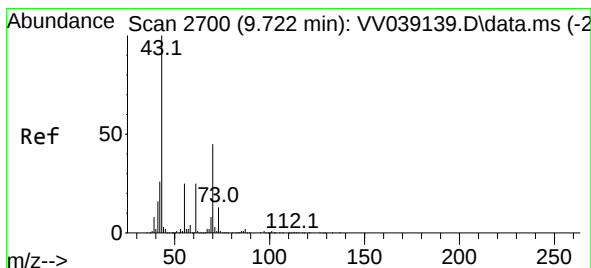
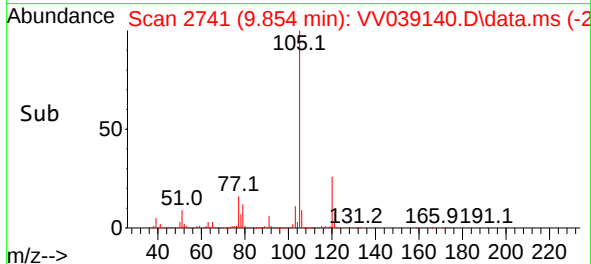
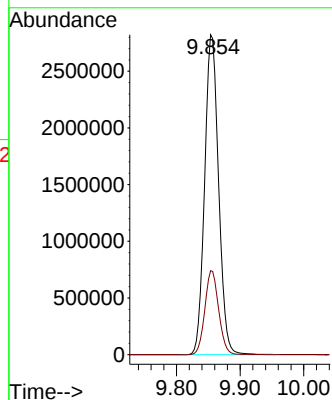
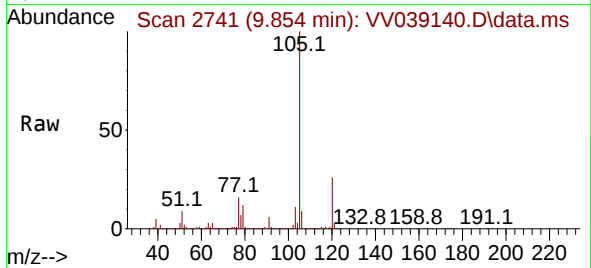




#73
Isopropylbenzene
Concen: 112.946 ug/l
RT: 9.854 min Scan# 2741
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

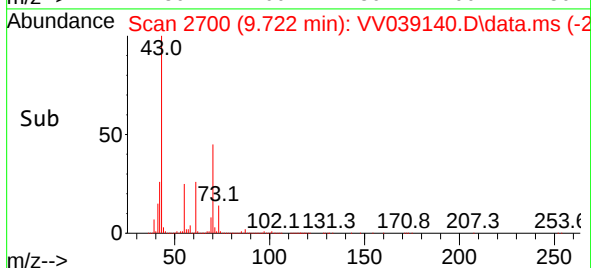
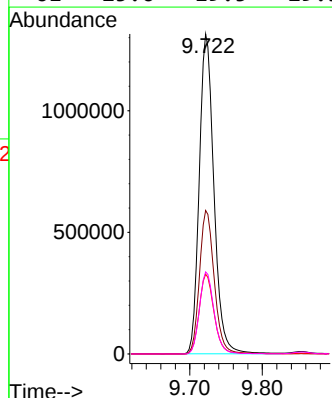
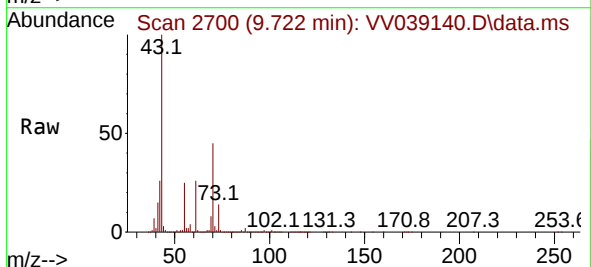
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

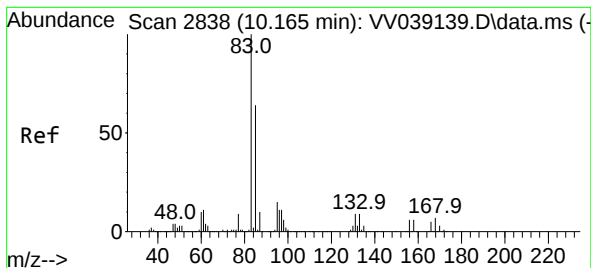
Tgt Ion:105 Resp: 4288139
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 121.948 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 43 Resp: 1846779
Ion Ratio Lower Upper
43 100
70 45.4 35.4 53.0
55 25.4 20.6 30.8
61 25.6 19.5 29.3

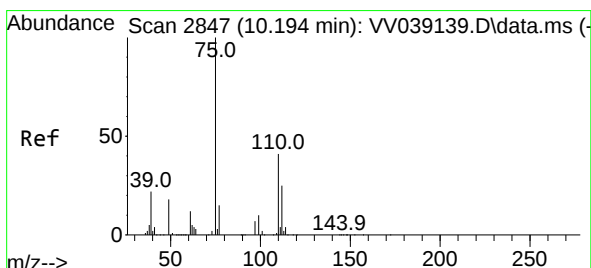
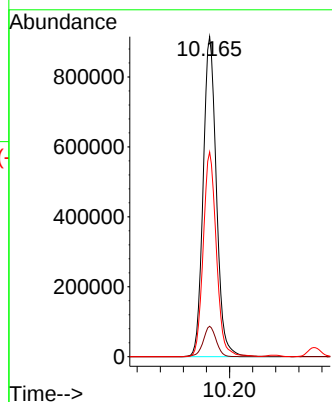
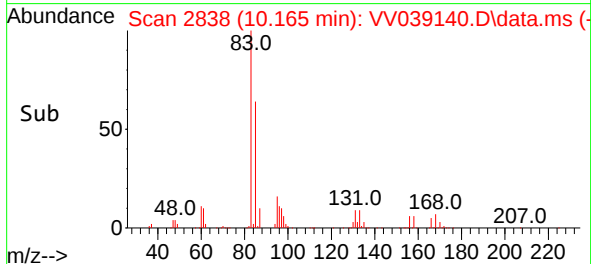
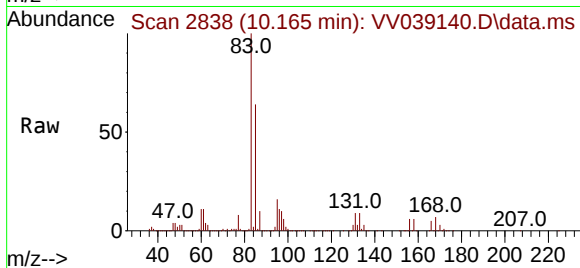




#75
 1,1,2,2-Tetrachloroethane
 Concen: 87.406 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. -0.000 min
 Lab File: VV039140.D
 Acq: 22 Sep 2025 13:49

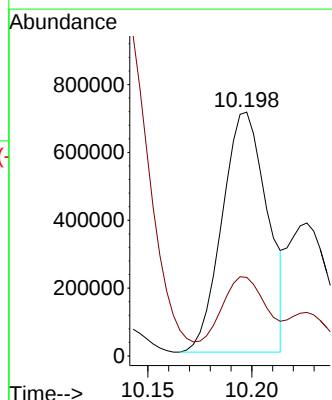
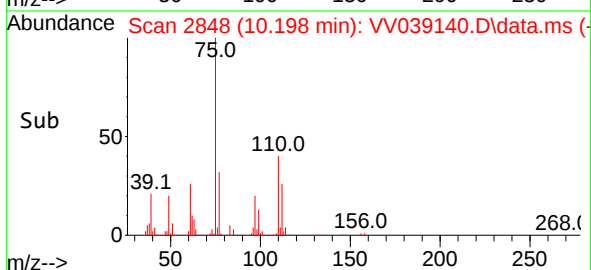
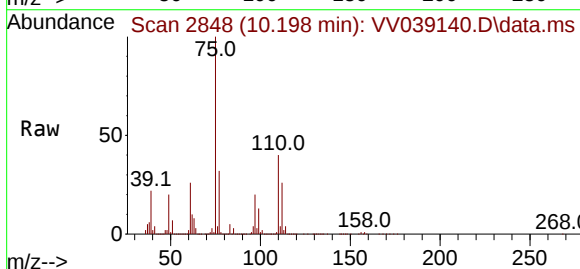
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC100

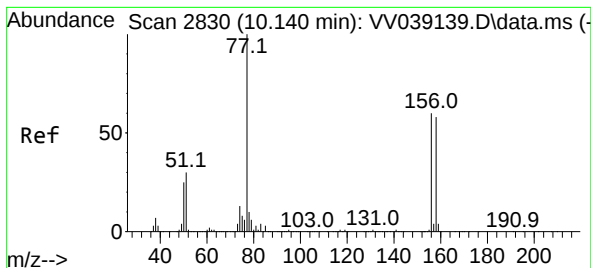
Tgt Ion: 83 Resp: 1453989
 Ion Ratio Lower Upper
 83 100
 131 9.4 4.5 13.7
 85 63.6 31.9 95.9



#76
 1,2,3-Trichloropropane
 Concen: 89.827 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. 0.003 min
 Lab File: VV039140.D
 Acq: 22 Sep 2025 13:49

Tgt Ion: 75 Resp: 1070580
 Ion Ratio Lower Upper
 75 100
 77 25.0 11.3 33.8





#77

Bromobenzene

Concen: 100.897 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

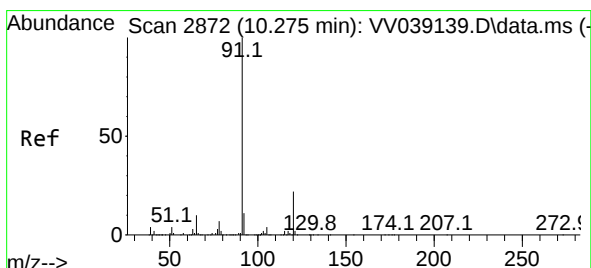
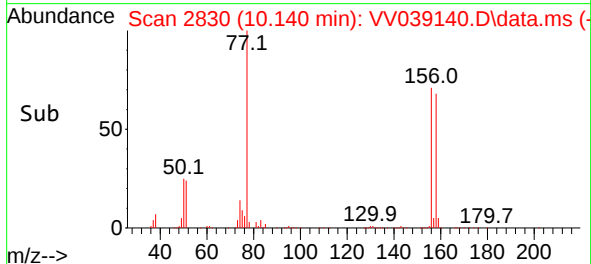
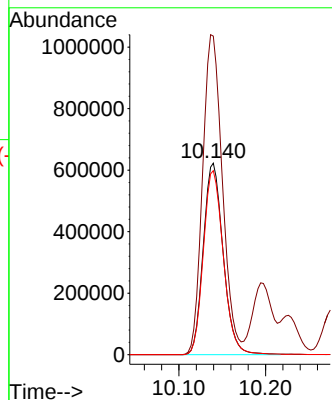
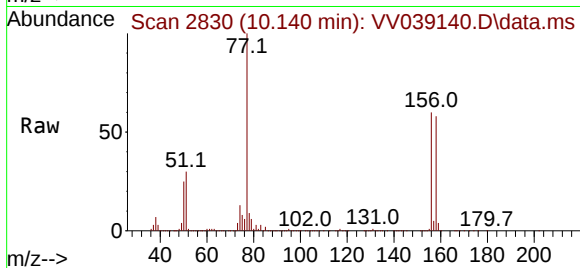
Tgt Ion:156 Resp: 993863

Ion Ratio Lower Upper

156 100

77 166.1 83.4 250.1

158 96.7 48.8 146.4



#78

n-propylbenzene

Concen: 112.910 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039140.D

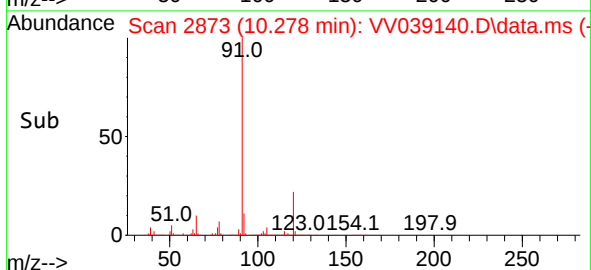
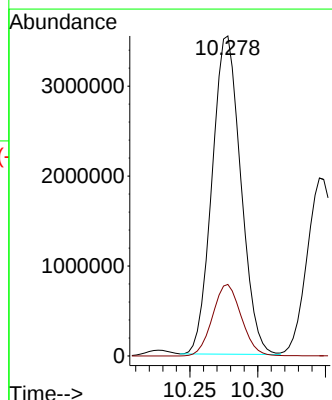
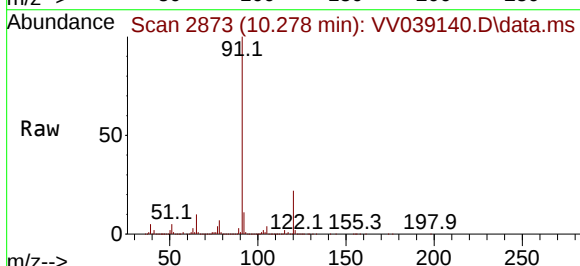
Acq: 22 Sep 2025 13:49

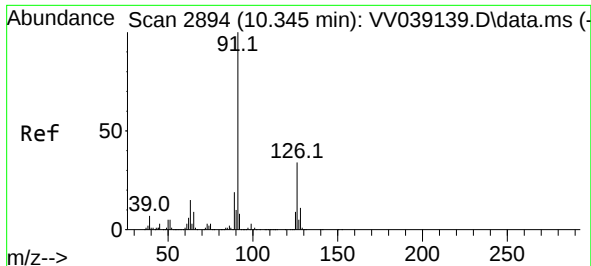
Tgt Ion: 91 Resp: 5220220

Ion Ratio Lower Upper

91 100

120 22.6 11.1 33.3

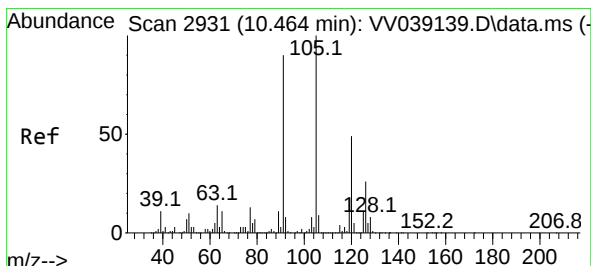
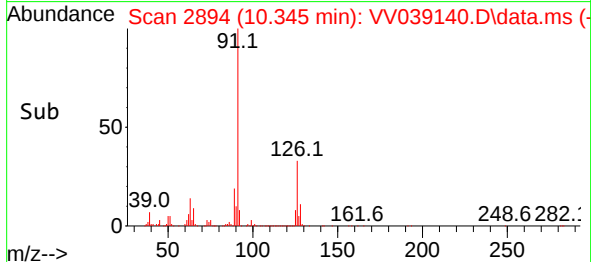
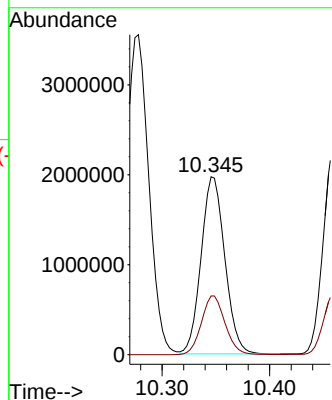
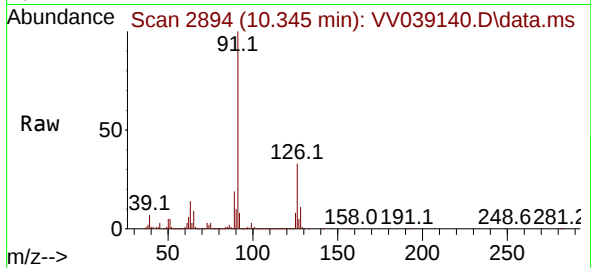




#79
2-Chlorotoluene
Concen: 109.093 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

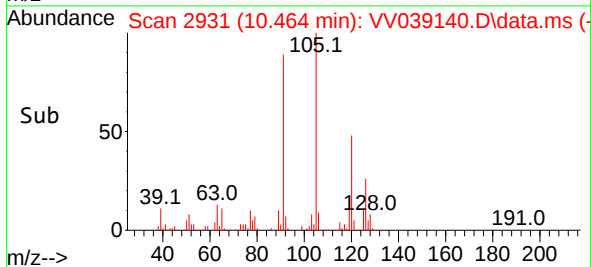
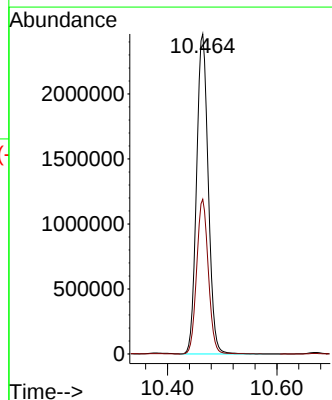
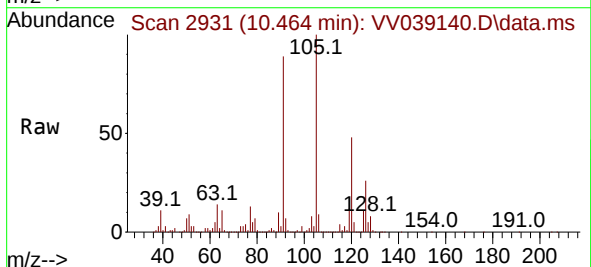
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

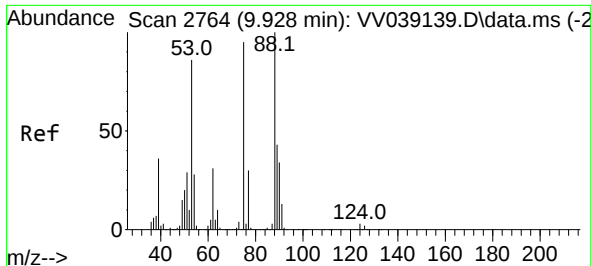
Tgt Ion: 91 Resp: 3018051
Ion Ratio Lower Upper
91 100
126 33.0 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 115.284 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 105 Resp: 3638030
Ion Ratio Lower Upper
105 100
120 48.2 24.3 72.8

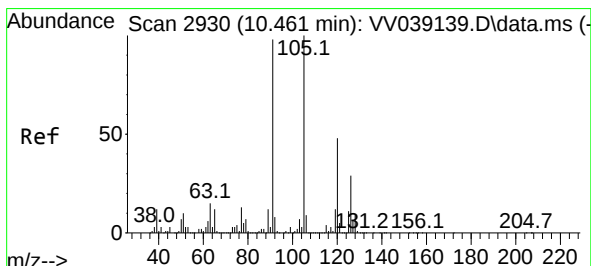
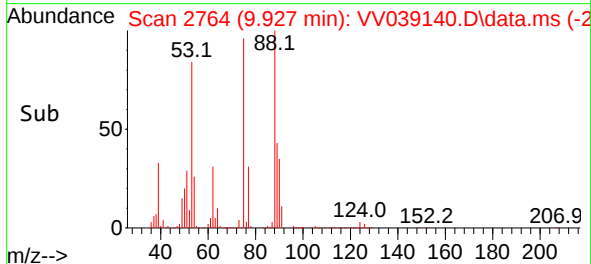
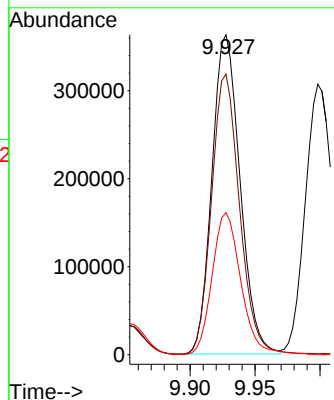
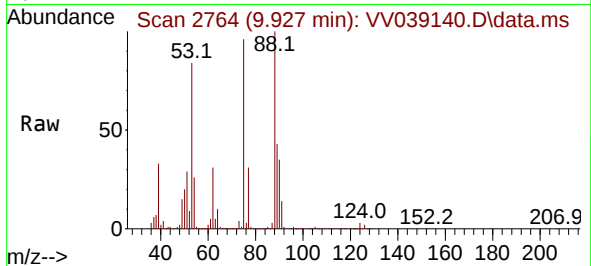




#81
trans-1,4-Dichloro-2-butene
Concen: 109.871 ug/l
RT: 9.927 min Scan# 2764
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

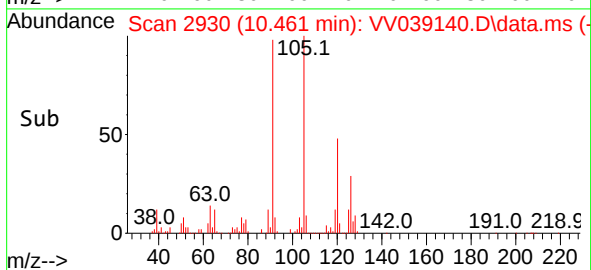
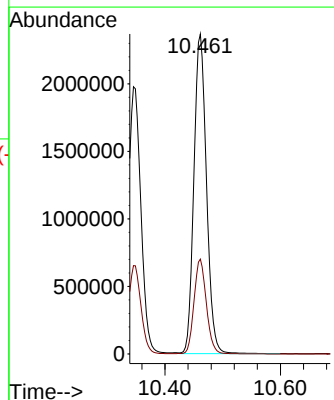
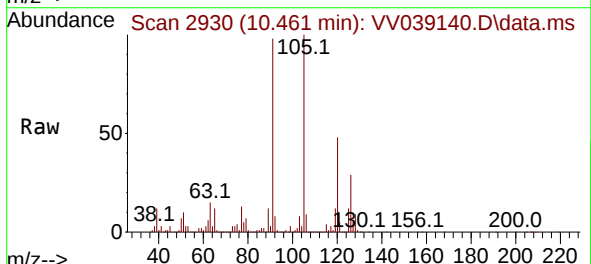
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

Tgt Ion: 75 Resp: 545452
Ion Ratio Lower Upper
75 100
53 87.6 72.5 108.7
89 45.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 111.396 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 91 Resp: 3573507
Ion Ratio Lower Upper
91 100
126 29.1 14.5 43.6





#83

tert-Butylbenzene

Concen: 113.541 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

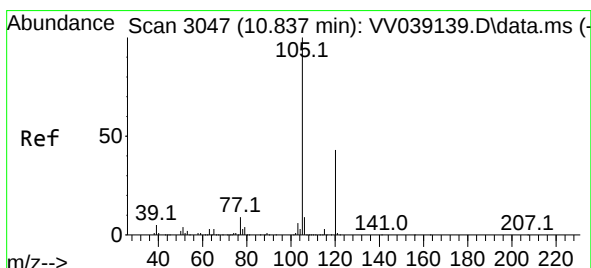
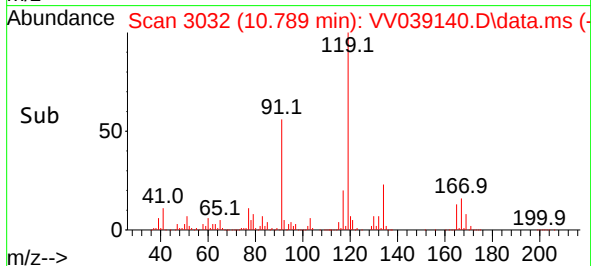
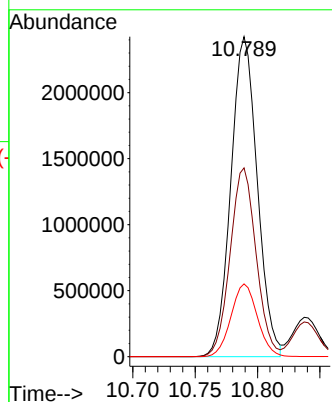
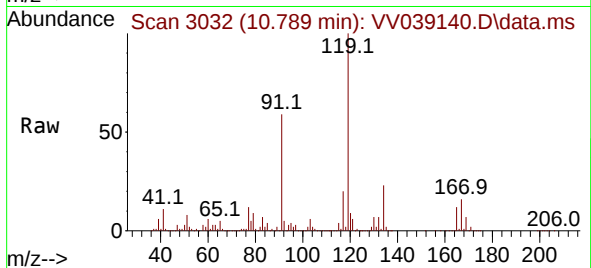
Tgt Ion:119 Resp: 3572813

Ion Ratio Lower Upper

119 100

91 58.2 28.5 85.6

134 22.8 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 117.550 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.000 min

Lab File: VV039140.D

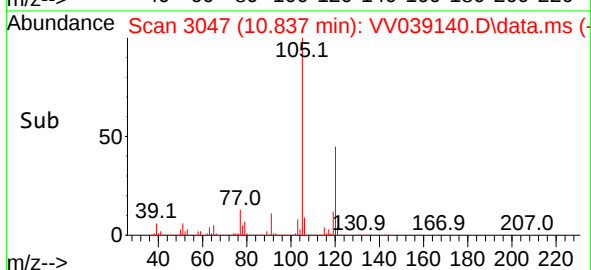
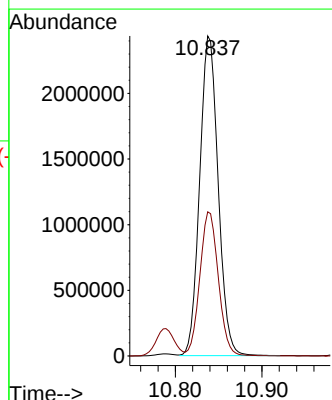
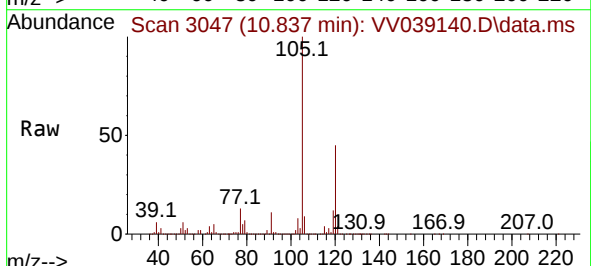
Acq: 22 Sep 2025 13:49

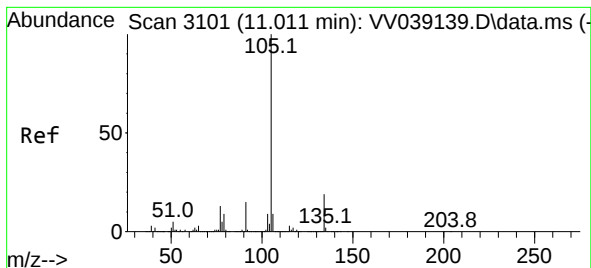
Tgt Ion:105 Resp: 3601355

Ion Ratio Lower Upper

105 100

120 45.1 22.4 67.2





#85

sec-Butylbenzene

Concen: 114.135 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

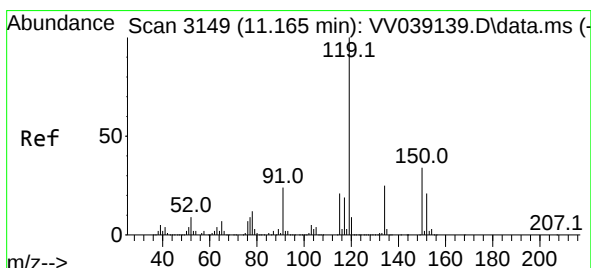
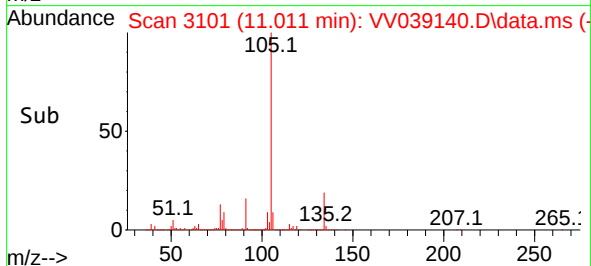
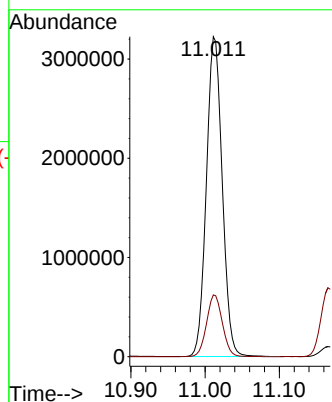
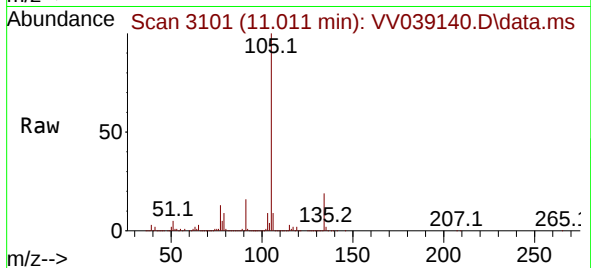
VSTDIC100

Tgt Ion:105 Resp: 4763689

Ion Ratio Lower Upper

105 100

134 19.3 9.6 28.8



#86

p-Isopropyltoluene

Concen: 113.666 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

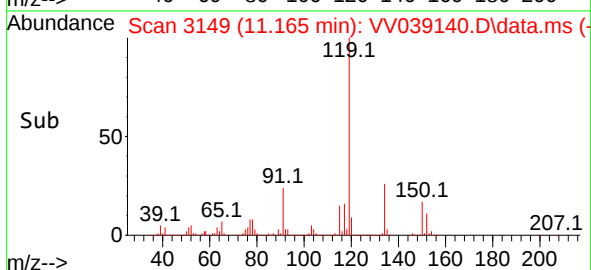
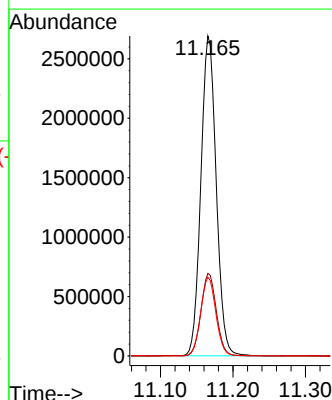
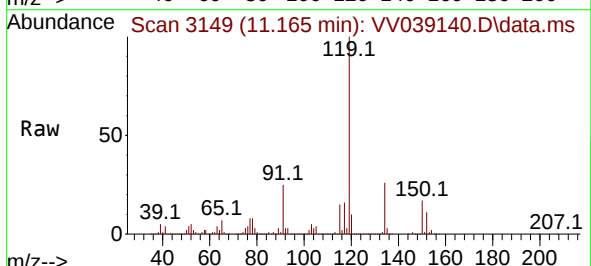
Tgt Ion:119 Resp: 3948556

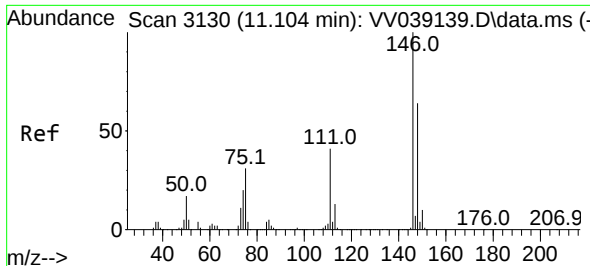
Ion Ratio Lower Upper

119 100

134 25.8 12.7 38.0

91 24.4 12.0 36.1

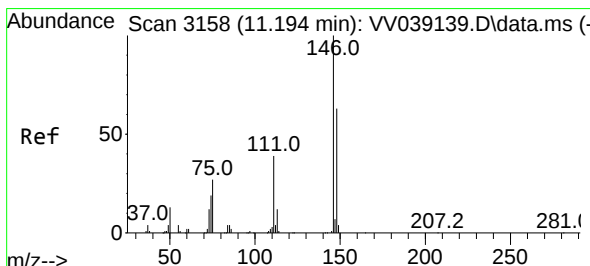
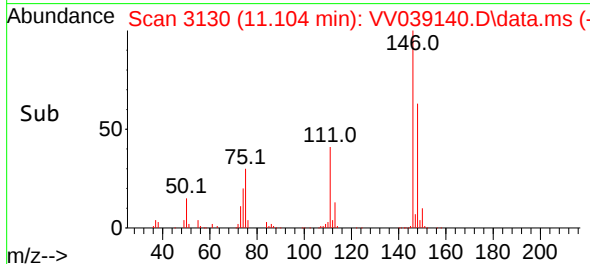
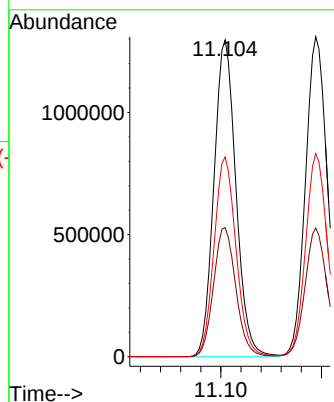
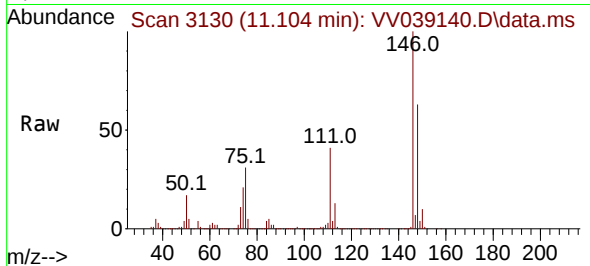




#87
1,3-Dichlorobenzene
Concen: 98.849 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

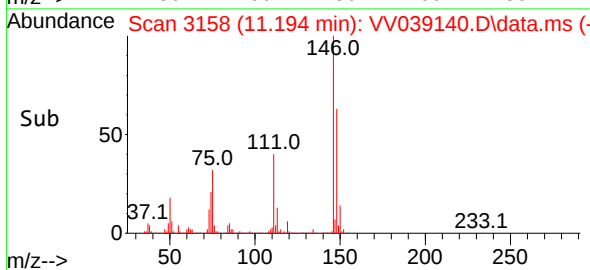
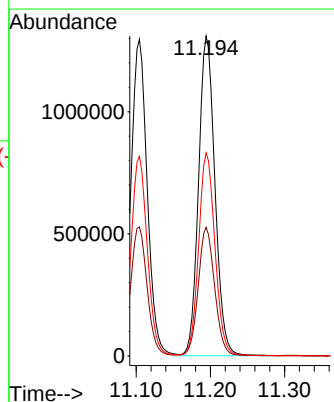
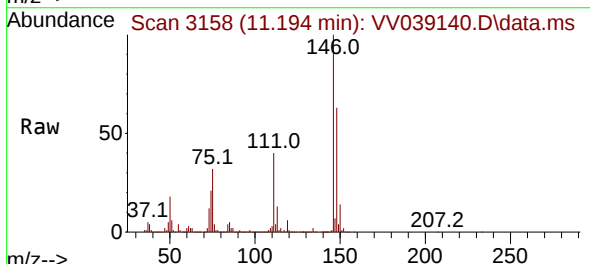
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

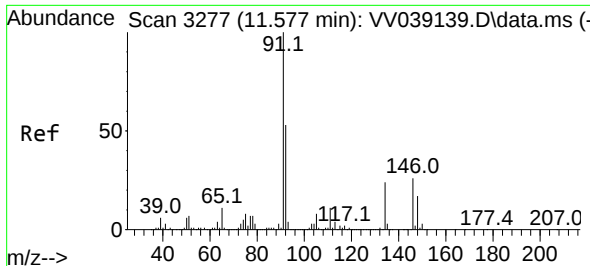
Tgt Ion:146 Resp: 1970594
Ion Ratio Lower Upper
146 100
111 41.1 20.9 62.8
148 63.3 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 91.172 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion:146 Resp: 2008676
Ion Ratio Lower Upper
146 100
111 40.0 20.3 60.8
148 63.3 31.4 94.2

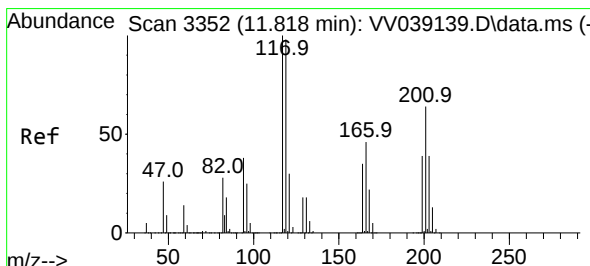
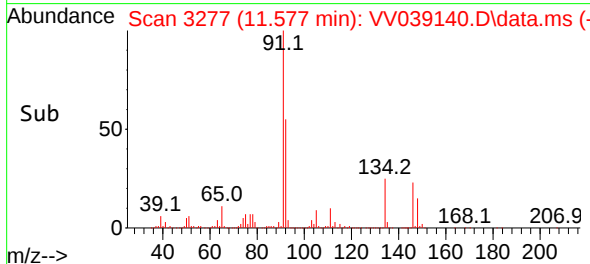
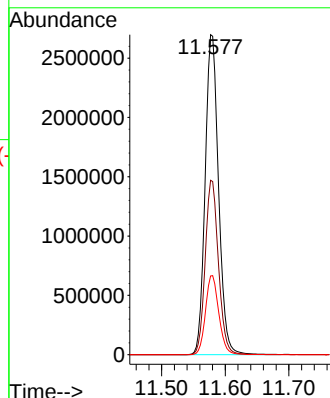
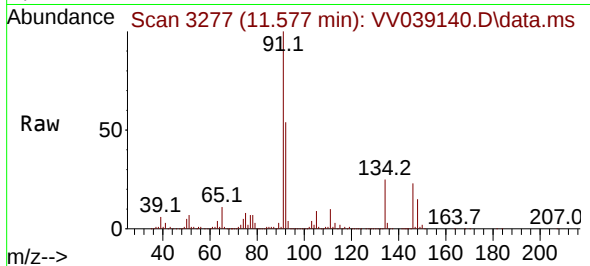




#89
n-Butylbenzene
Concen: 118.754 ug/l
RT: 11.577 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

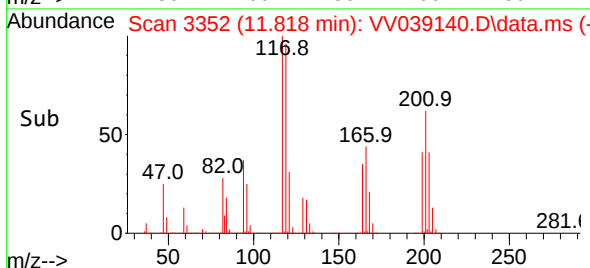
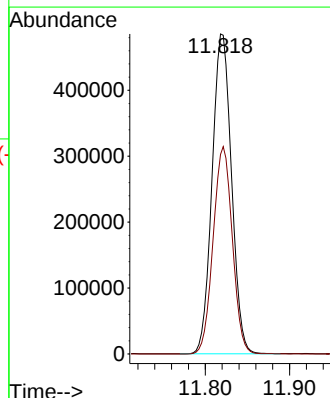
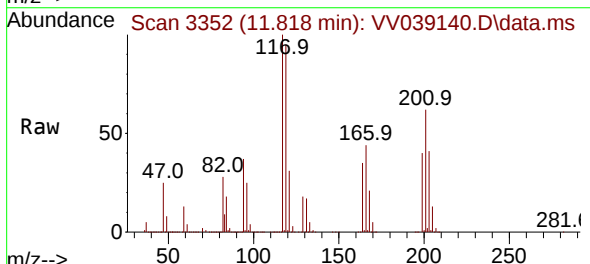
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC100

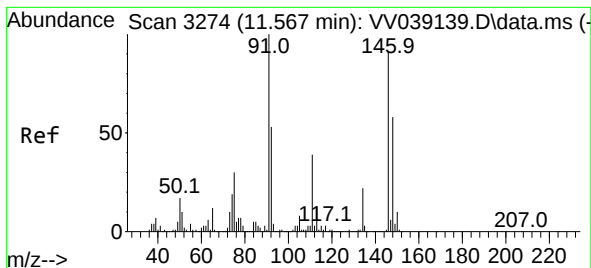
Tgt Ion: 91 Resp: 3939852
Ion Ratio Lower Upper
91 100
92 54.0 26.6 79.8
134 24.6 12.1 36.3



#90
Hexachloroethane
Concen: 90.794 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. -0.000 min
Lab File: VV039140.D
Acq: 22 Sep 2025 13:49

Tgt Ion: 117 Resp: 776688
Ion Ratio Lower Upper
117 100
201 64.0 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 101.282 ug/l

RT: 11.564 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC100

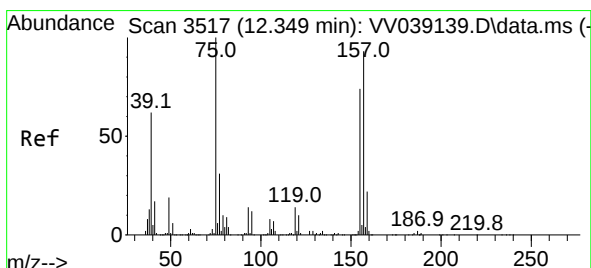
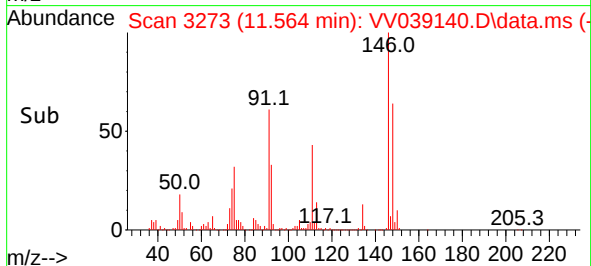
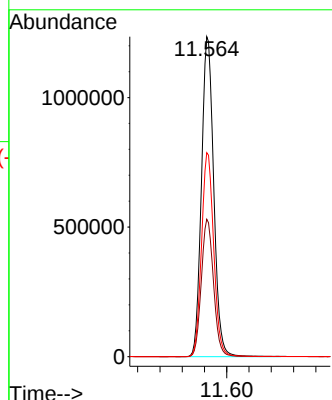
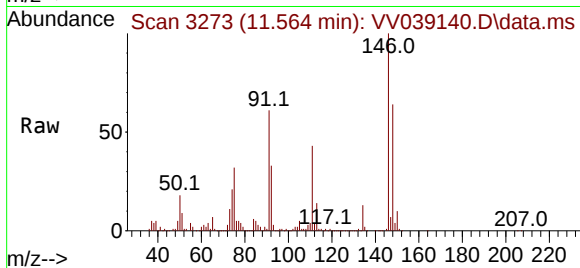
Tgt Ion:146 Resp: 1886394

Ion Ratio Lower Upper

146 100

111 42.9 21.5 64.5

148 63.5 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 100.015 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. -0.000 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

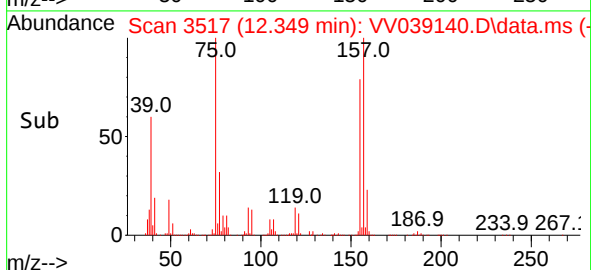
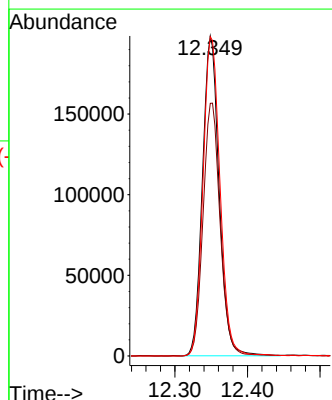
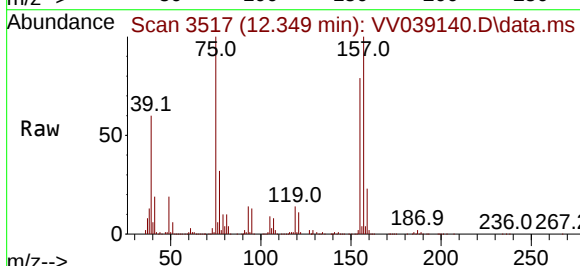
Tgt Ion: 75 Resp: 316446

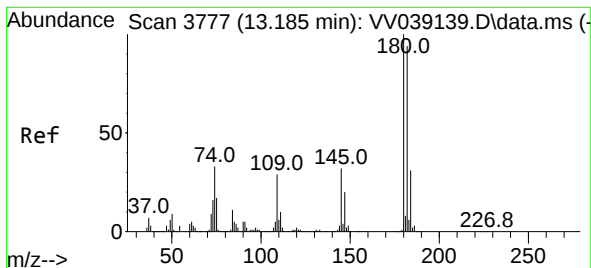
Ion Ratio Lower Upper

75 100

155 81.0 38.6 115.8

157 102.1 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 116.564 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

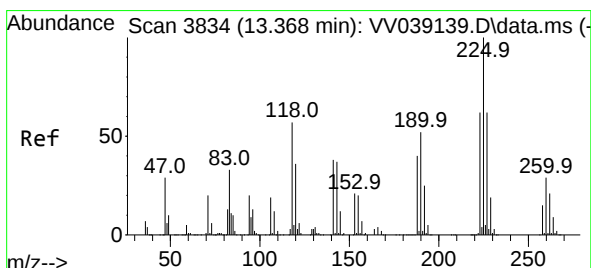
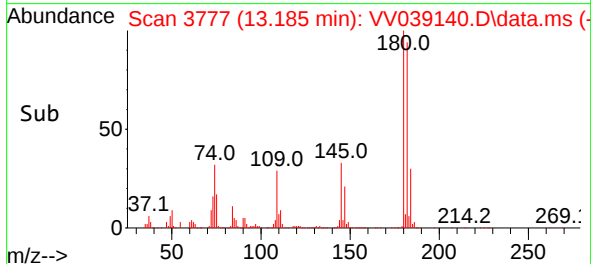
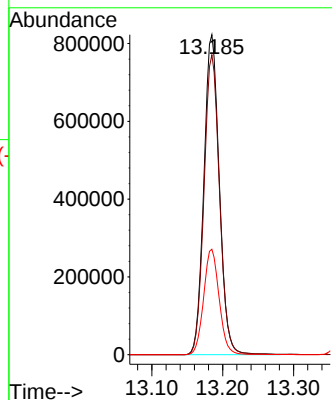
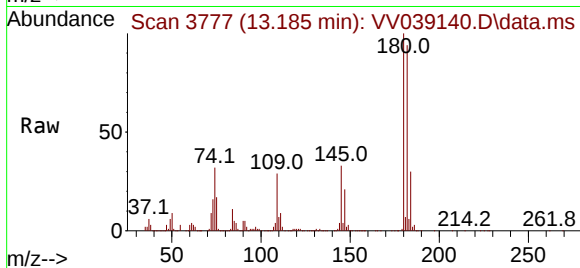
Tgt Ion:180 Resp: 1244510

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.4

145 33.1 16.3 48.8



#94

Hexachlorobutadiene

Concen: 94.597 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

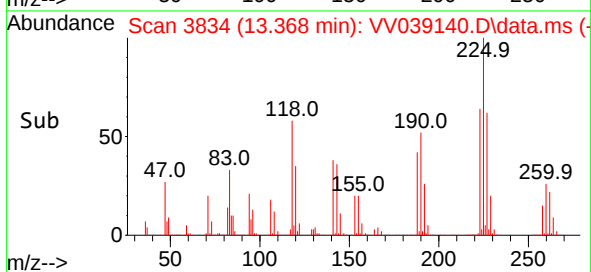
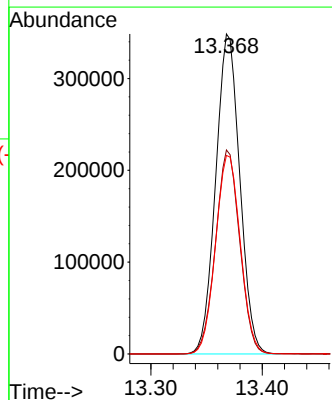
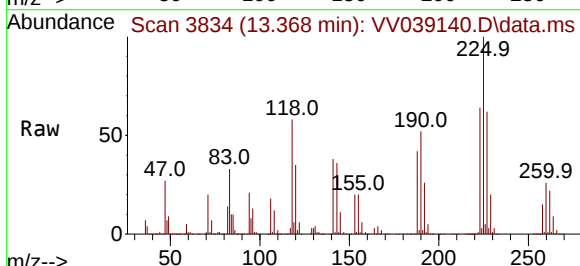
Tgt Ion:225 Resp: 524789

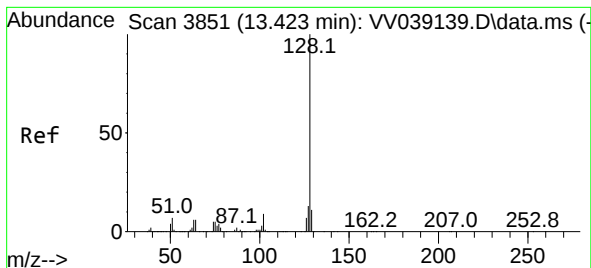
Ion Ratio Lower Upper

225 100

223 64.0 31.6 94.7

227 63.7 31.8 95.4





#95

Naphthalene

Concen: 129.371 ug/l

RT: 13.423 min Scan# 3851

Delta R.T. -0.000 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC100

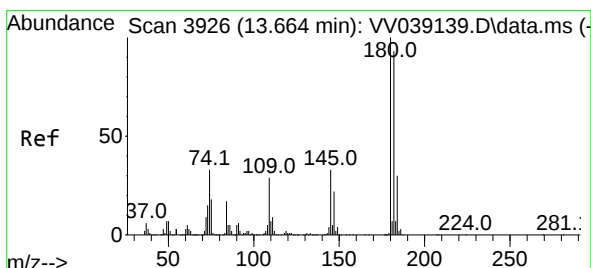
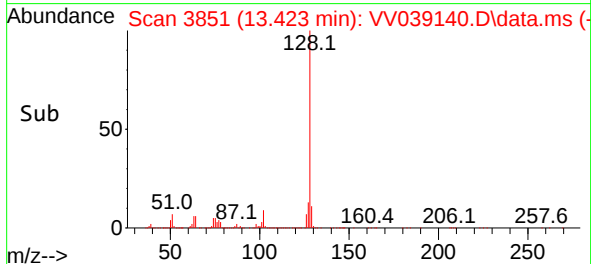
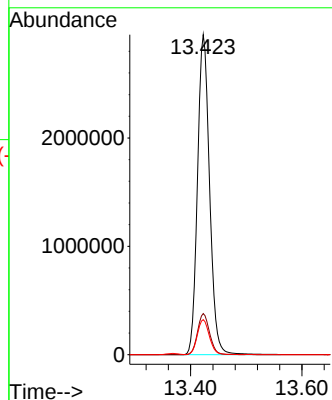
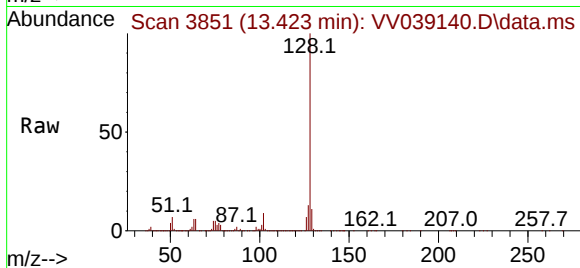
Tgt Ion:128 Resp: 4442612

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 114.143 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV039140.D

Acq: 22 Sep 2025 13:49

Tgt Ion:180 Resp: 1246406

Ion Ratio Lower Upper

180 100

182 95.3 46.9 140.8

145 34.2 17.0 51.0

