

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
 Data File : VV039136.D
 Acq On : 22 Sep 2025 11:30
 Operator : SY/MD
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

Quant Time: Sep 24 07:20:46 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	4.597	168	437793	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	750007	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	746972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	395080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.947	65	44424	7.011	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	14.020%#
35) Dibromofluoromethane	4.510	113	36566	6.065	ug/l	0.01
Spiked Amount	50.000	Range	80 - 119	Recovery	=	12.120%#
50) Toluene-d8	7.240	98	111469	6.295	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	12.580%#
62) 4-Bromofluorobenzene	10.005	95	36841	5.054	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	10.100%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	36378	5.249	ug/l	100
3) Chloromethane	1.230	50	39072	5.252	ug/l	94
4) Vinyl Chloride	1.298	62	40182	5.045	ug/l	100
5) Bromomethane	1.494	94	25039	4.987	ug/l	93
6) Chloroethane	1.558	64	27060	4.617	ug/l	92
7) Trichlorofluoromethane	1.725	101	61678	5.349	ug/l	97
8) Diethyl Ether	1.918	74	23454	5.479	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.082	101	37978	5.535	ug/l	97
10) Methyl Iodide	2.195	142	27260	4.172	ug/l	92
11) Tert butyl alcohol	2.571	59	35364	26.407	ug/l #	93
12) 1,1-Dichloroethene	2.082	96	33185	5.027	ug/l	98
13) Acrolein	2.011	56	24141	103.889	ug/l	99
14) Allyl chloride	2.359	41	61765	5.238	ug/l	96
15) Acrylonitrile	2.677	53	114797	26.741	ug/l	99
16) Acetone	2.118	43	137620	29.437	ug/l	98
17) Carbon Disulfide	2.253	76	94327	4.673	ug/l	98
18) Methyl Acetate	2.381	43	50378	5.366	ug/l	99
19) Methyl tert-butyl Ether	2.712	73	109532	5.207	ug/l	99
20) Methylene Chloride	2.455	84	44228	4.586	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	35711	5.082	ug/l	96
22) Diisopropyl ether	3.217	45	114167	5.061	ug/l #	70
23) Vinyl Acetate	3.191	43	504227	25.551	ug/l	99
24) 1,1-Dichloroethane	3.118	63	77672	5.630	ug/l	98
25) 2-Butanone	3.876	43	128996	25.864	ug/l	95
26) 2,2-Dichloropropane	3.809	77	59905	4.917	ug/l	100
27) cis-1,2-Dichloroethene	3.822	96	38968	5.028	ug/l	99
28) Bromochloromethane	4.153	49	22979	3.773	ug/l	88
29) Tetrahydrofuran	4.246	42	68169	21.465	ug/l	97
30) Chloroform	4.278	83	76380	5.302	ug/l	98
31) Cyclohexane	4.580	56	57247	5.066	ug/l #	91
32) 1,1,1-Trichloroethane	4.510	97	68263	5.474	ug/l	96
36) 1,1-Dichloropropene	4.744	75	41356	4.504	ug/l	99
37) Ethyl Acetate	3.995	43	47460	4.214	ug/l #	91
38) Carbon Tetrachloride	4.735	117	55665	5.033	ug/l	99
39) Methylcyclohexane	6.043	83	43892	3.987	ug/l	91
40) Benzene	5.011	78	142977	4.817	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.185	41	15251	4.827	ug/l #	85
42) 1,2-Dichloroethane	5.047	62	55595	5.345	ug/l	95
43) Isopropyl Acetate	5.204	43	69765	4.496	ug/l	96
44) Trichloroethene	5.838	130	33508	4.892	ug/l	93
45) 1,2-Dichloropropane	6.095	63	34099	4.621	ug/l #	89
46) Dibromomethane	6.233	93	28740	5.089	ug/l	97
47) Bromodichloromethane	6.429	83	59788	5.121	ug/l	96
48) Methyl methacrylate	6.310	41	26172	3.687	ug/l	98
49) 1,4-Dioxane	6.310	88	4841	43.386	ug/l #	59
51) 4-Methyl-2-Pentanone	7.153	43	229627	23.143	ug/l	95
52) Toluene	7.314	92	81515	4.736	ug/l	99
53) t-1,3-Dichloropropene	7.584	75	49668	4.882	ug/l	91
54) cis-1,3-Dichloropropene	6.957	75	52722	4.694	ug/l	96
55) 1,1,2-Trichloroethane	7.764	97	41518	5.380	ug/l	96
56) Ethyl methacrylate	7.725	69	35208	3.842	ug/l	95
57) 1,3-Dichloropropane	7.940	76	61027	5.011	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.818	63	75413	23.413	ug/l	95
59) 2-Hexanone	8.069	43	156377	21.513	ug/l	92
60) Dibromochloromethane	8.169	129	46448	5.282	ug/l	96
61) 1,2-Dibromoethane	8.278	107	39058	4.949	ug/l	100
64) Tetrachloroethene	7.899	164	29549	4.723	ug/l	94
65) Chlorobenzene	8.805	112	102431	4.923	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	38622	5.137	ug/l	98
67) Ethyl Benzene	8.940	91	134392	4.267	ug/l	99
68) m/p-Xylenes	9.066	106	97448	8.017	ug/l	100
69) o-Xylene	9.471	106	44751	4.158	ug/l	100
70) Styrene	9.490	104	74093	4.689	ug/l	98
71) Bromoform	9.657	173	28772	4.900	ug/l #	97
73) Isopropylbenzene	9.857	105	123323	4.304	ug/l	98
74) N-amyl acetate	9.728	43	47627	4.167	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.169	83	68412	5.449	ug/l	97
76) 1,2,3-Trichloropropane	10.198	75	46575	5.178	ug/l	97
77) Bromobenzene	10.146	156	34485	4.638	ug/l	99
78) n-propylbenzene	10.278	91	144704	4.147	ug/l	99
79) 2-Chlorotoluene	10.349	91	99353	4.758	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	97816	4.107	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.931	75	16850	4.497	ug/l	97
82) 4-Chlorotoluene	10.464	91	104412	4.312	ug/l	100
83) tert-Butylbenzene	10.789	119	106561	4.487	ug/l	96
84) 1,2,4-Trimethylbenzene	10.841	105	95780	4.142	ug/l	100
85) sec-Butylbenzene	11.011	105	133360	4.233	ug/l	99
86) p-Isopropyltoluene	11.169	119	112019	4.272	ug/l	96
87) 1,3-Dichlorobenzene	11.108	146	73492	4.884	ug/l	97
88) 1,4-Dichlorobenzene	11.198	146	83164	5.001	ug/l	97
89) n-Butylbenzene	11.580	91	105049	4.195	ug/l	98
90) Hexachloroethane	11.818	117	34013	5.268	ug/l	93
91) 1,2-Dichlorobenzene	11.571	146	69749	4.962	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.355	75	12206	4.758	ug/l	100
93) 1,2,4-Trichlorobenzene	13.188	180	35200	4.368	ug/l	96
94) Hexachlorobutadiene	13.368	225	21257	5.077	ug/l	94
95) Naphthalene	13.429	128	99311	3.832	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	36012	4.369	ug/l	96

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MSVOA_V
ClientSampleId :
VSTDICC005

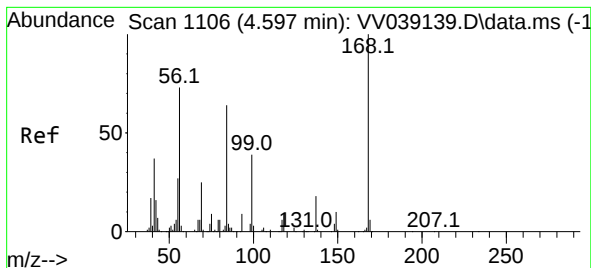
Quant Time: Sep 24 07:20:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 24 07:14:23 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.597 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039136.D

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Instrument :

MSVOA_V

ClientSampleId :

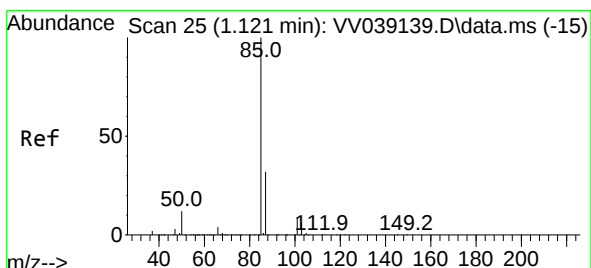
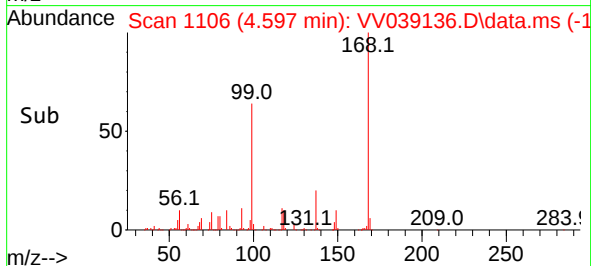
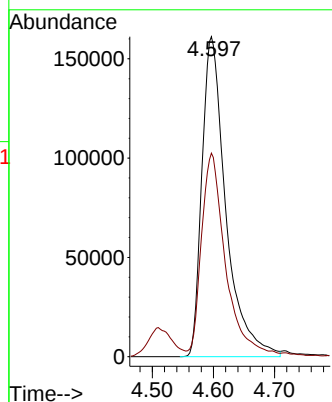
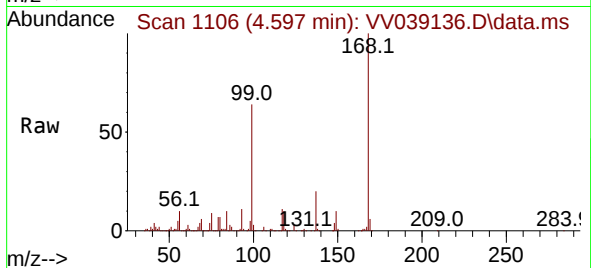
VSTDICC005

Tgt Ion:168 Resp: 437793

Ion Ratio Lower Upper

168 100

99 62.5 49.6 74.4



#2

Dichlorodifluoromethane

Concen: 5.249 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039136.D

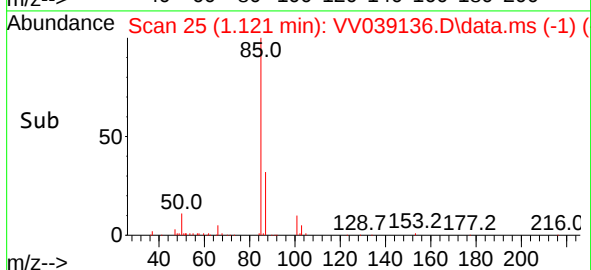
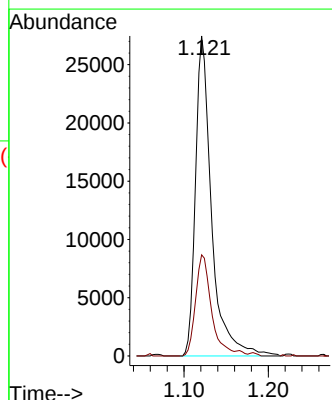
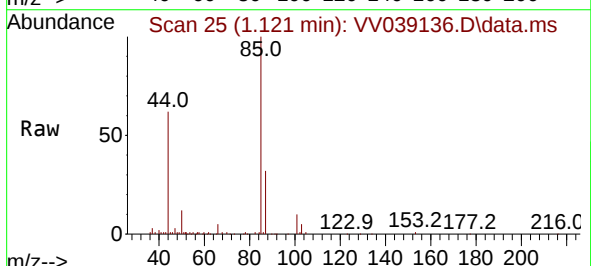
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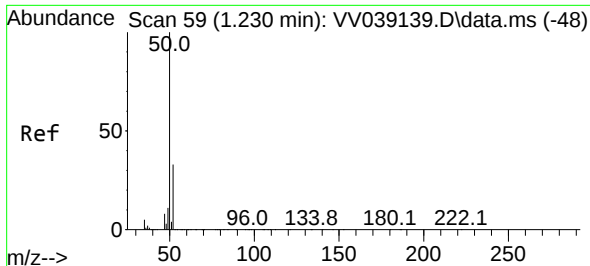
Tgt Ion: 85 Resp: 36378

Ion Ratio Lower Upper

85 100

87 31.6 16.0 47.9

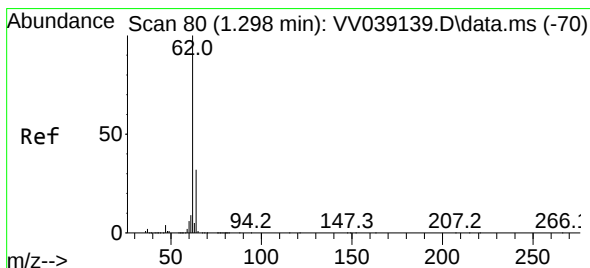
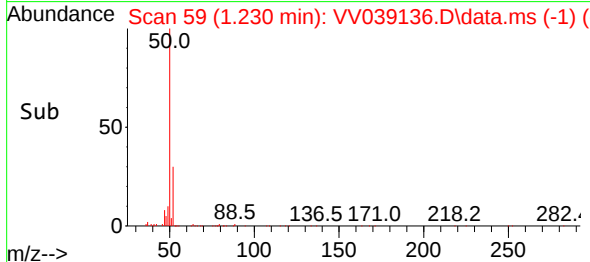
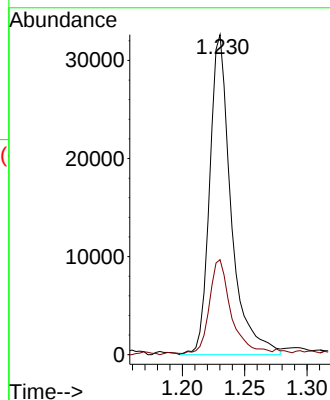
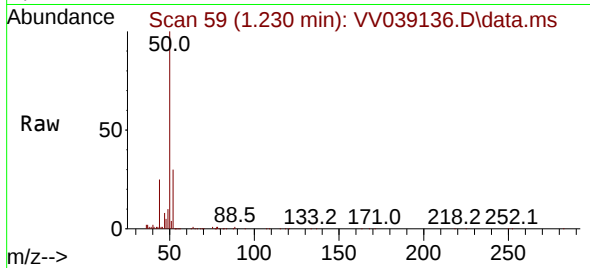




#3
Chloromethane
Concen: 5.252 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

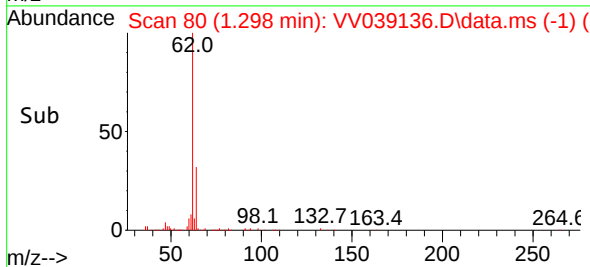
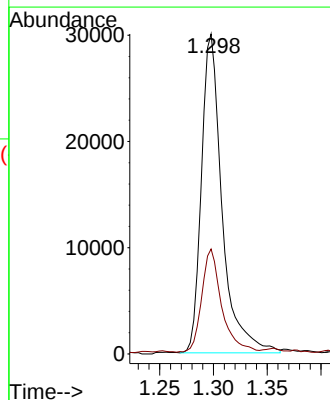
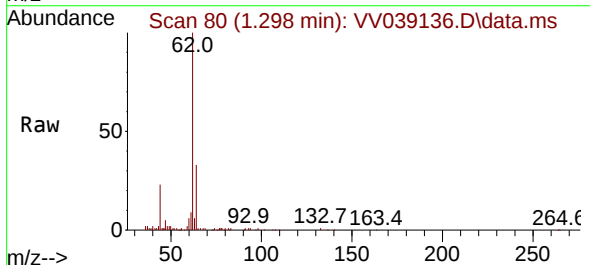
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

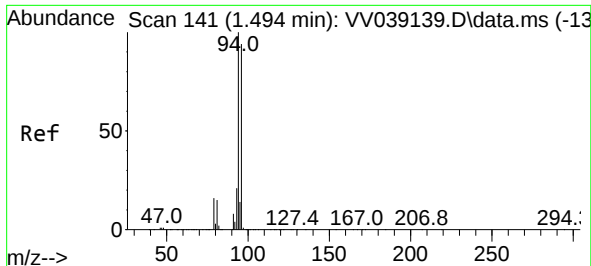
Tgt Ion: 50 Resp: 39072
Ion Ratio Lower Upper
50 100
52 29.3 26.0 39.0



#4
Vinyl Chloride
Concen: 5.045 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 62 Resp: 40182
Ion Ratio Lower Upper
62 100
64 32.2 25.6 38.4

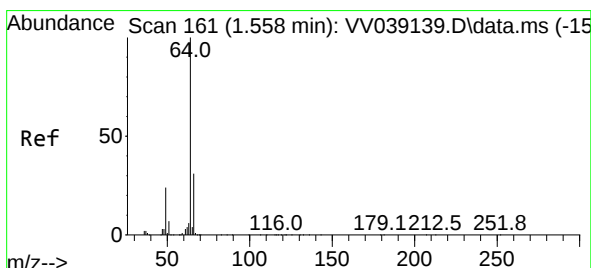
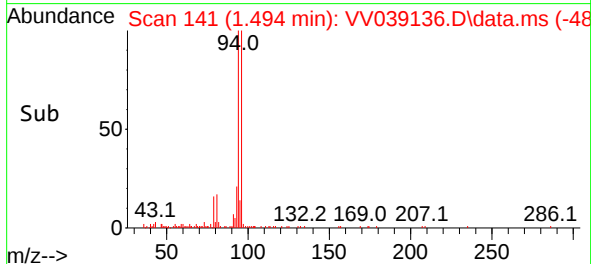
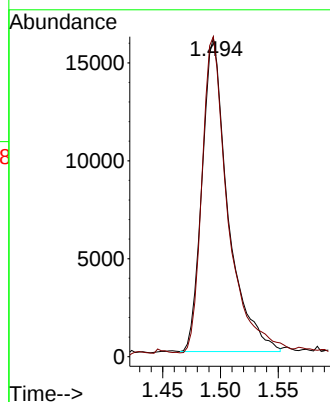
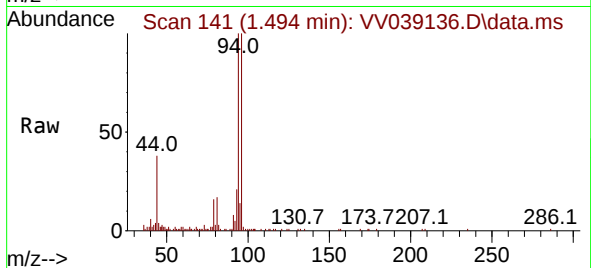




#5
Bromomethane
Concen: 4.987 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

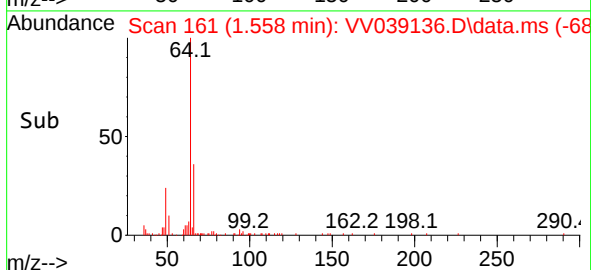
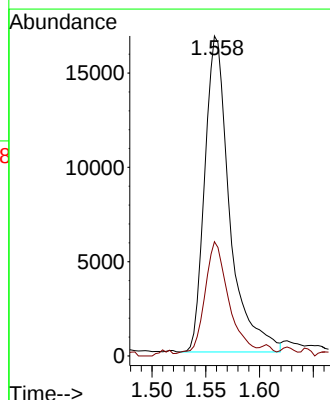
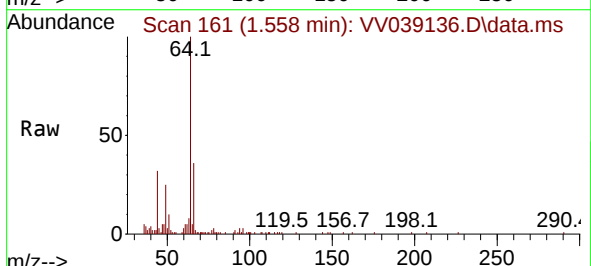
Instrument :
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Tgt Ion: 94 Resp: 25039
Ion Ratio Lower Upper
94 100
96 100.7 74.9 112.3



#6
Chloroethane
Concen: 4.617 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 64 Resp: 27060
Ion Ratio Lower Upper
64 100
66 35.0 24.6 36.8

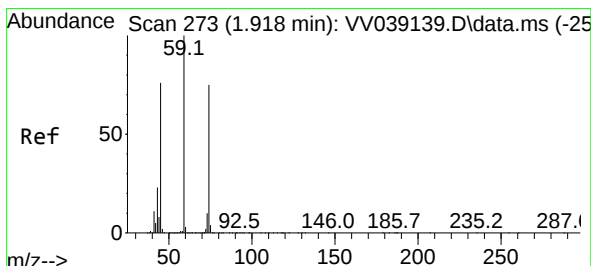
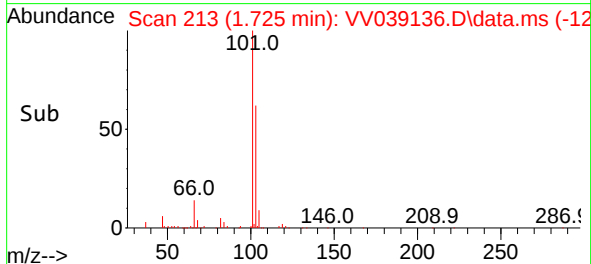
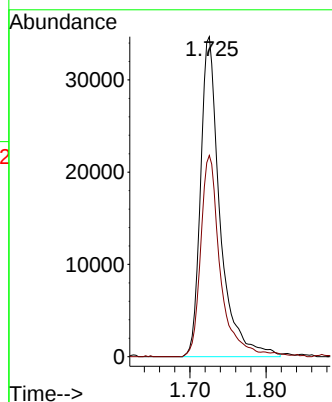
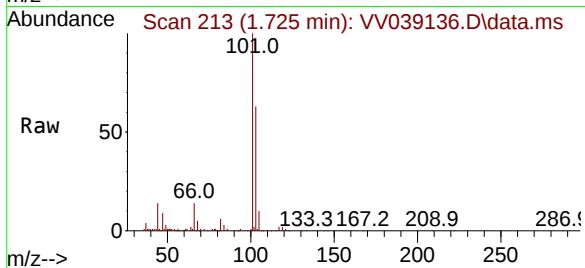




#7
Trichlorofluoromethane
Concen: 5.349 ug/l
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

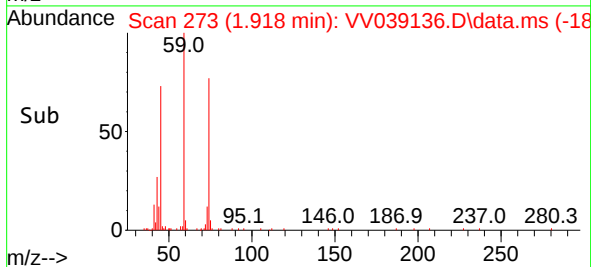
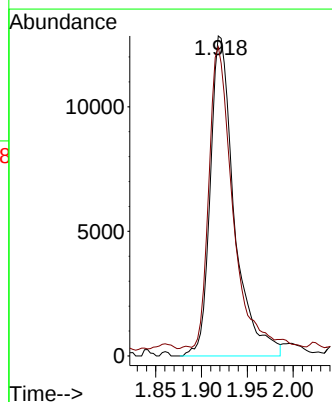
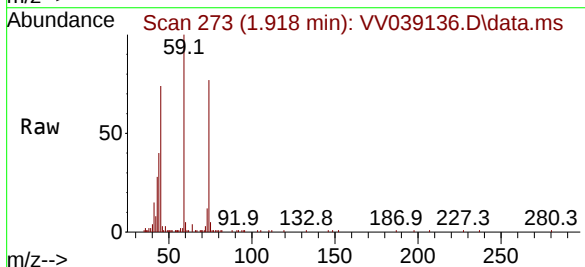
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MSVOA_V
ClientSampleId :
VSTDIC005

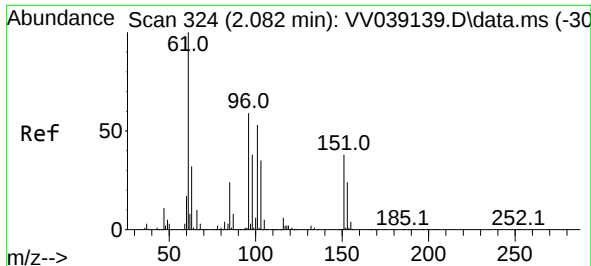
Tgt Ion:101 Resp: 61678
Ion Ratio Lower Upper
101 100
103 62.9 52.0 78.0



#8
Diethyl Ether
Concen: 5.479 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 74 Resp: 23454
Ion Ratio Lower Upper
74 100
45 90.9 49.6 148.8

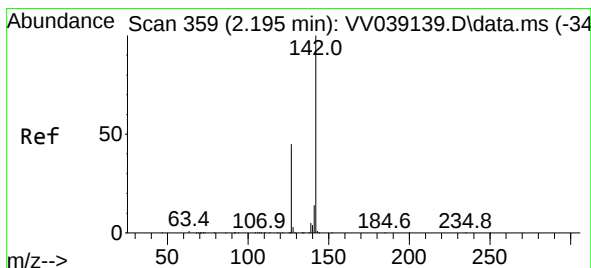
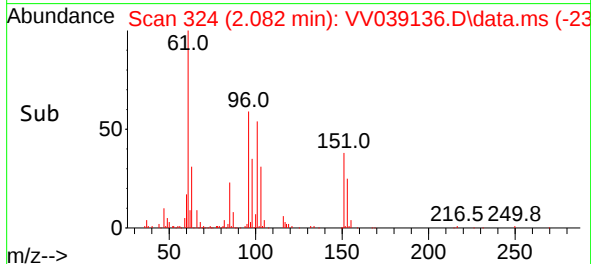
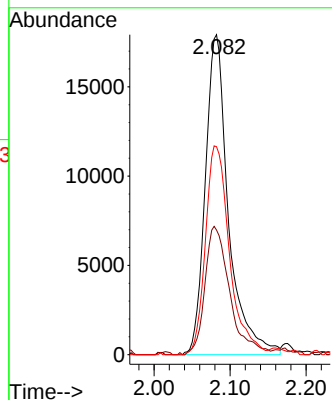
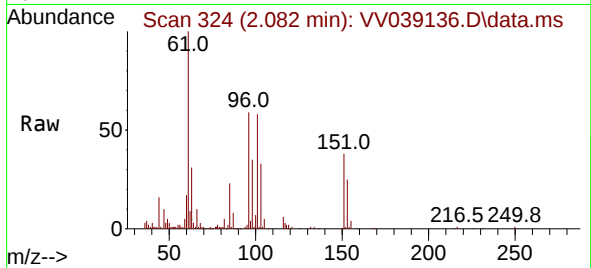




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.535 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039136.D
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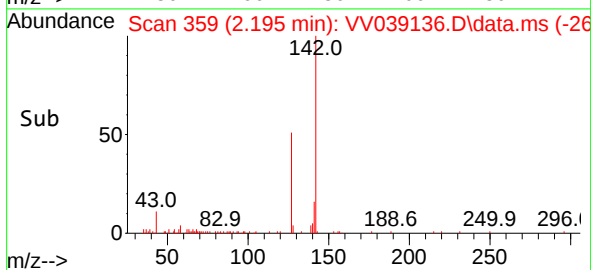
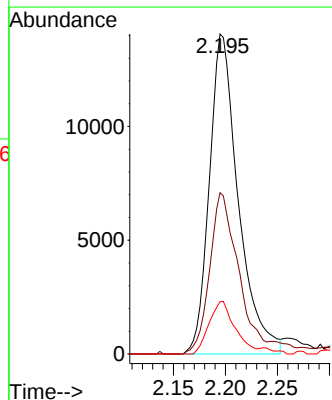
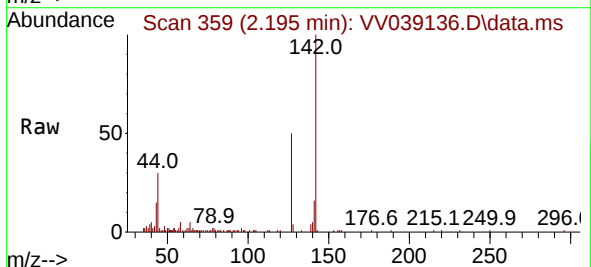
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

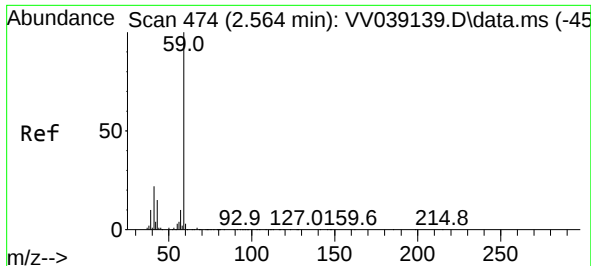
Tgt Ion:101 Resp: 37978
Ion Ratio Lower Upper
101 100
85 42.9 36.2 54.2
151 67.9 56.3 84.5



#10
Methyl Iodide
Concen: 4.172 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion:142 Resp: 27260
Ion Ratio Lower Upper
142 100
127 52.3 36.3 54.5
141 14.7 11.2 16.8

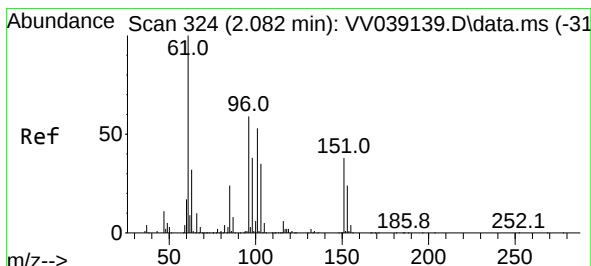
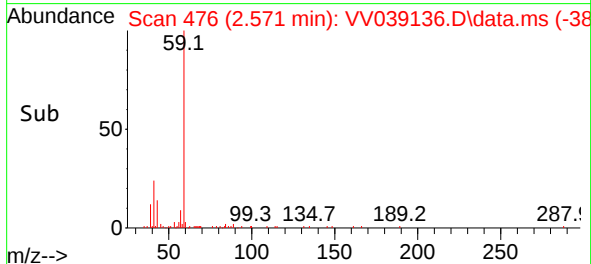
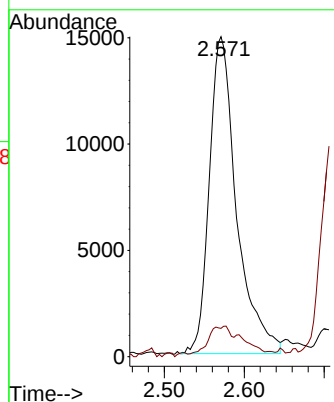
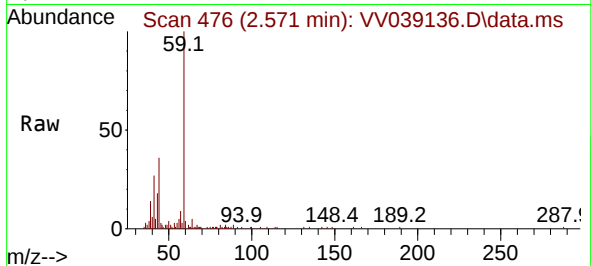




#11
Tert butyl alcohol
Concen: 26.407 ug/l
RT: 2.571 min Scan# 476
Delta R.T. 0.006 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

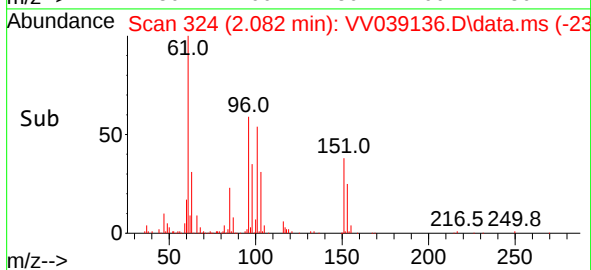
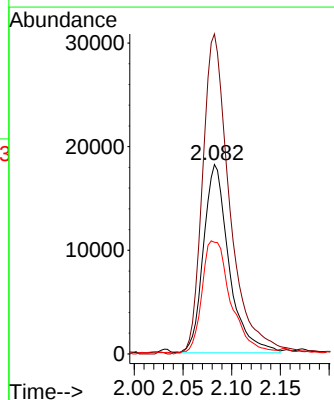
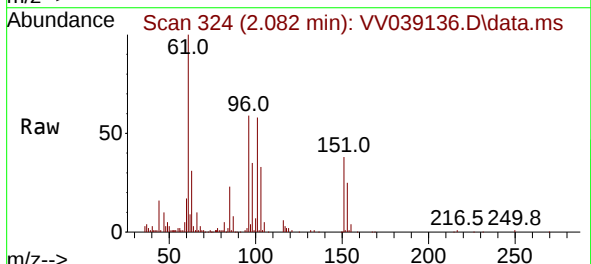
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

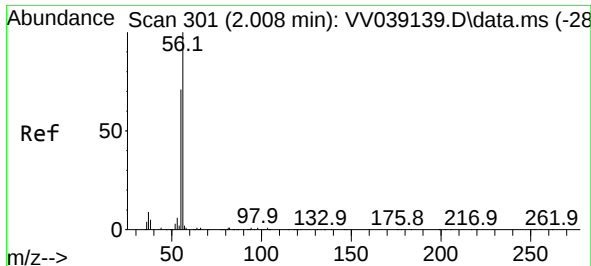
Tgt Ion: 59 Resp: 35364
Ion Ratio Lower Upper
59 100
57 7.1 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 5.027 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 96 Resp: 33185
Ion Ratio Lower Upper
96 100
61 169.1 136.0 204.0
98 58.6 51.0 76.6

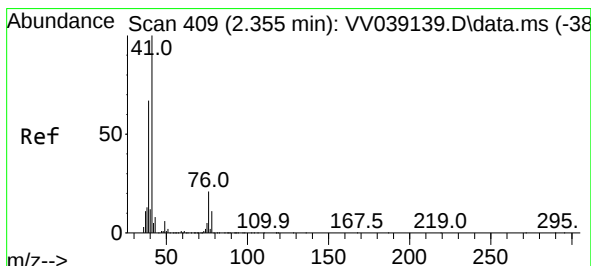
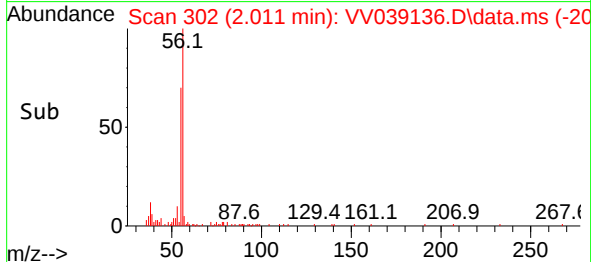
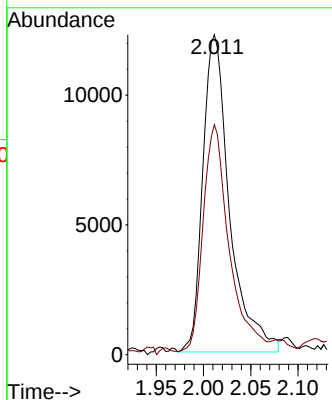
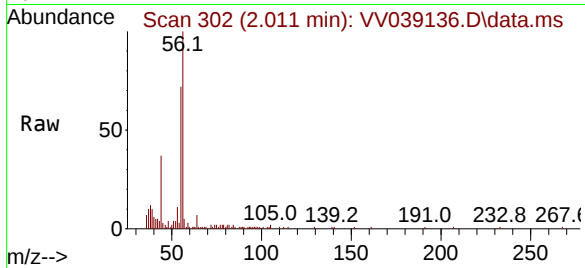




#13
Acrolein
Concen: 103.889 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

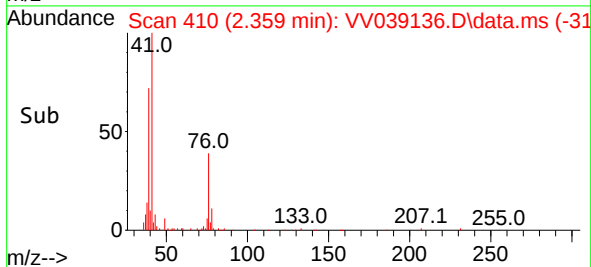
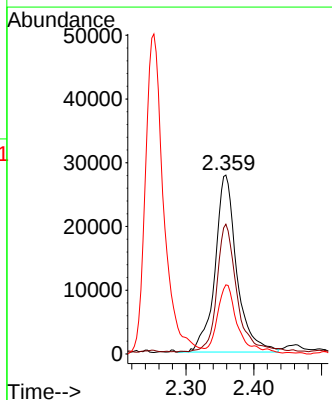
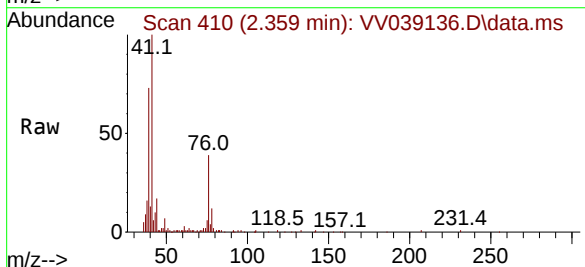
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

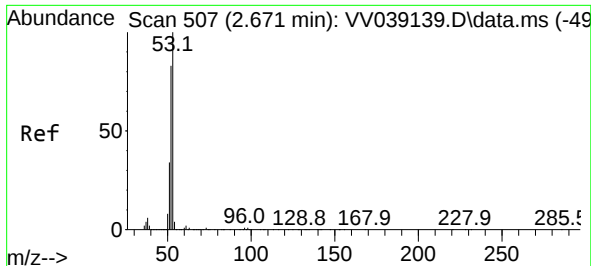
Tgt Ion: 56 Resp: 24141
Ion Ratio Lower Upper
56 100
55 69.1 56.2 84.4



#14
Allyl chloride
Concen: 5.238 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 41 Resp: 61765
Ion Ratio Lower Upper
41 100
39 66.0 51.0 76.6
76 31.2 28.2 42.4

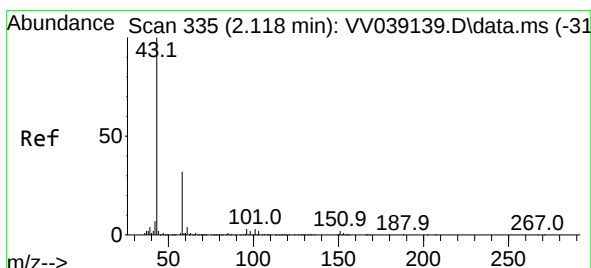
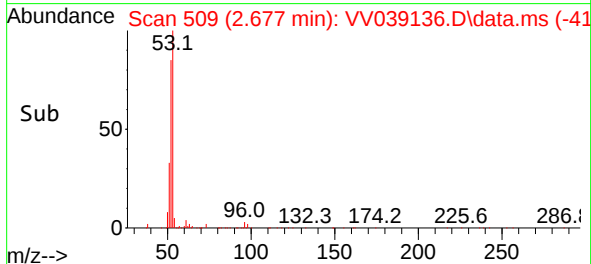
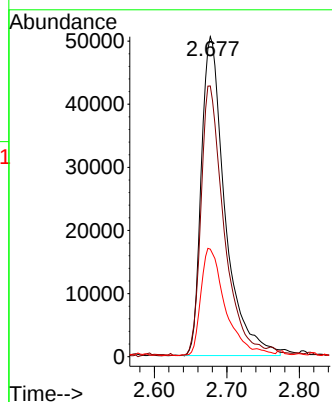
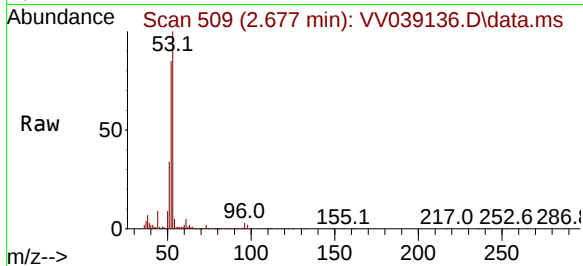




#15
Acrylonitrile
Concen: 26.741 ug/l
RT: 2.677 min Scan# 509
Delta R.T. 0.006 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

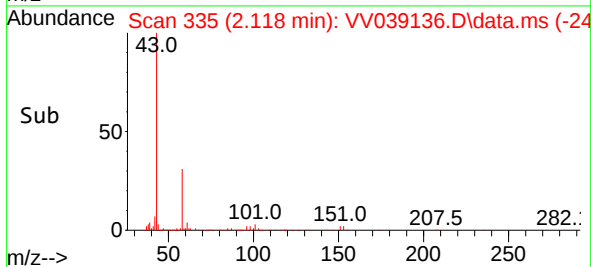
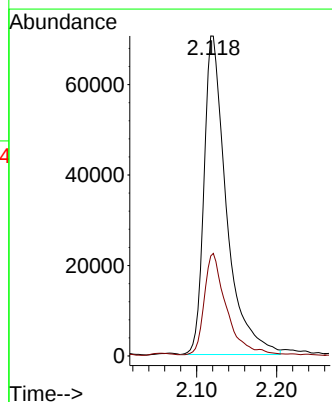
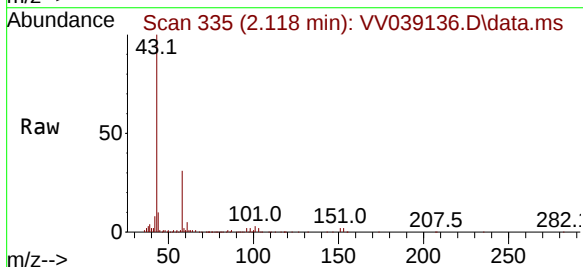
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion: 53 Resp: 114797
Ion Ratio Lower Upper
53 100
52 82.0 66.1 99.1
51 34.9 28.5 42.7



#16
Acetone
Concen: 29.437 ug/l
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 43 Resp: 137620
Ion Ratio Lower Upper
43 100
58 31.0 25.8 38.6

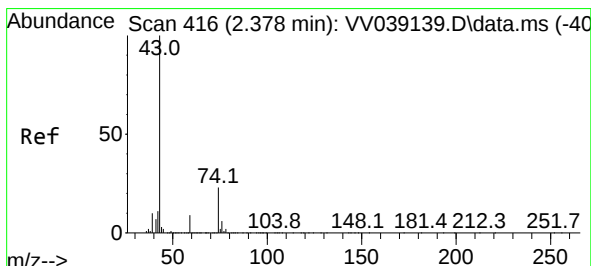
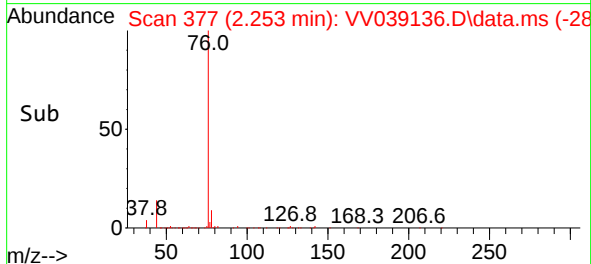
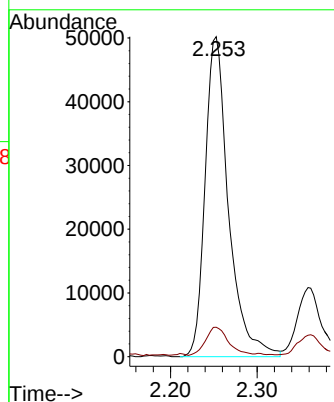
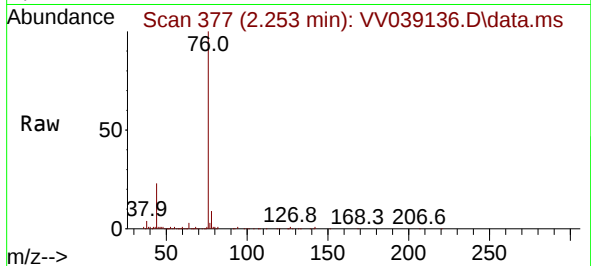




#17
Carbon Disulfide
Concen: 4.673 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

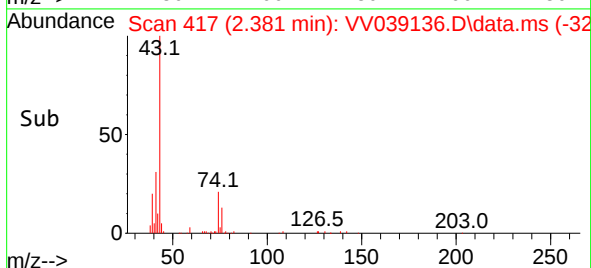
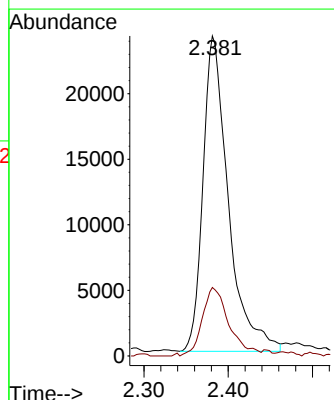
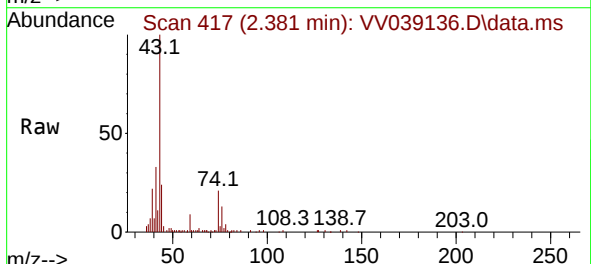
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 94327
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.0



#18
Methyl Acetate
Concen: 5.366 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 43 Resp: 50378
Ion Ratio Lower Upper
43 100
74 22.8 18.6 27.8

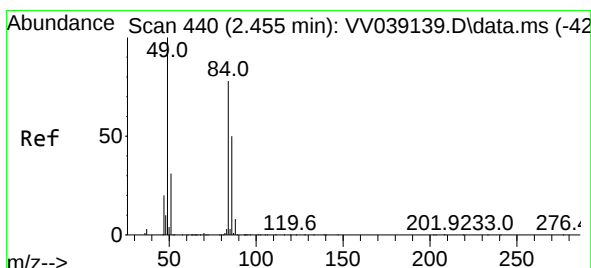
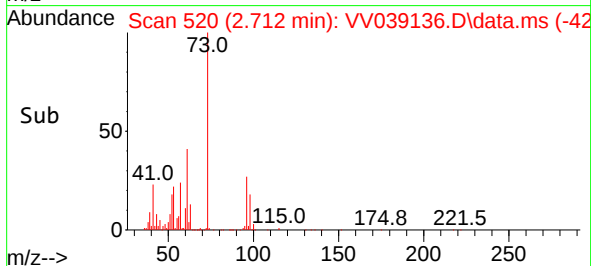
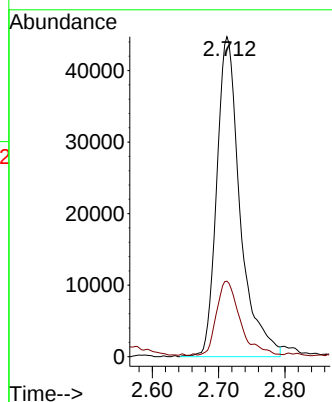
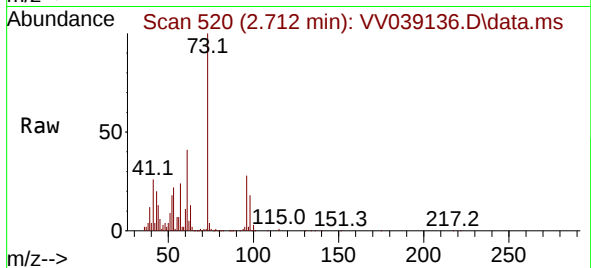




#19
Methyl tert-butyl Ether
Concen: 5.207 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

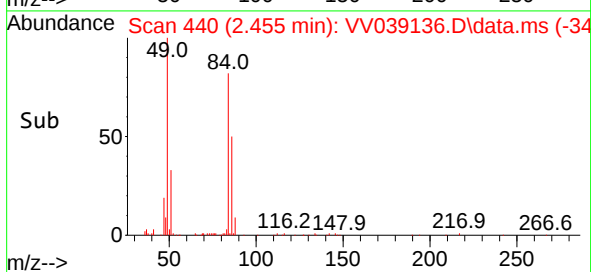
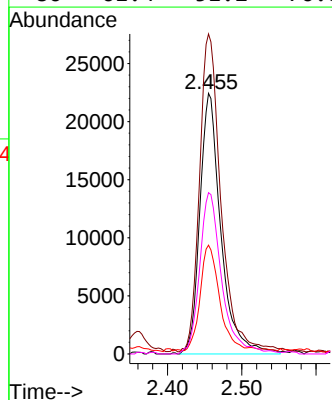
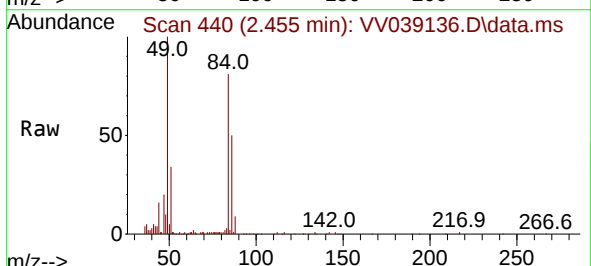
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion: 73 Resp: 109532
Ion Ratio Lower Upper
73 100
57 23.2 18.2 27.4



#20
Methylene Chloride
Concen: 4.586 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 84 Resp: 44228
Ion Ratio Lower Upper
84 100
49 121.9 102.8 154.2
51 40.2 31.9 47.9
86 61.4 51.2 76.8

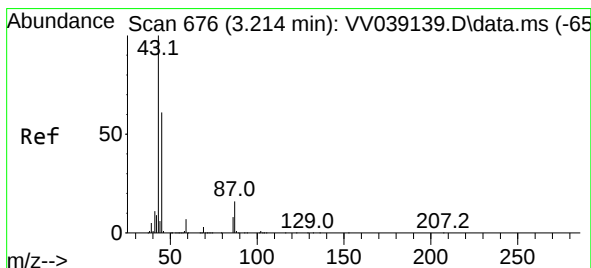
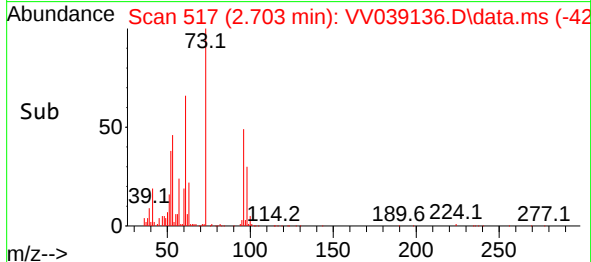
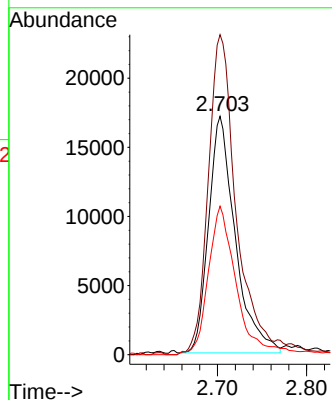
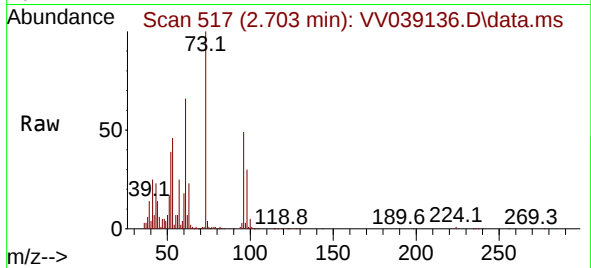




#21
trans-1,2-Dichloroethene
Concen: 5.082 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

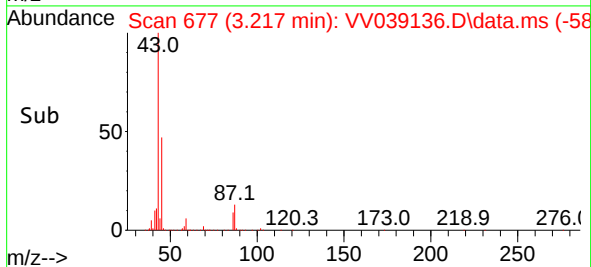
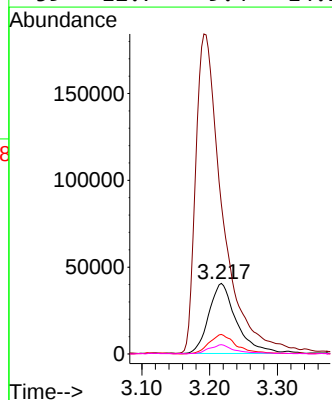
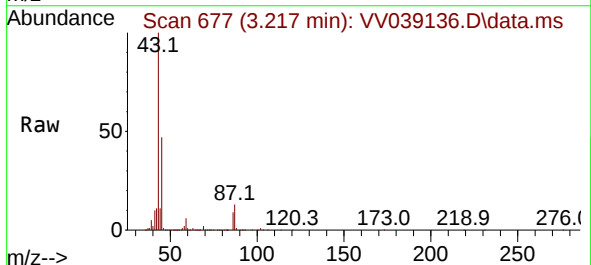
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

Tgt Ion: 96 Resp: 35711
Ion Ratio Lower Upper
96 100
61 134.5 112.8 169.2
98 61.9 51.1 76.7



#22
Diisopropyl ether
Concen: 5.061 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 45 Resp: 114167
Ion Ratio Lower Upper
45 100
43 212.6 130.9 196.3#
87 27.9 21.1 31.7
59 12.7 9.4 14.2

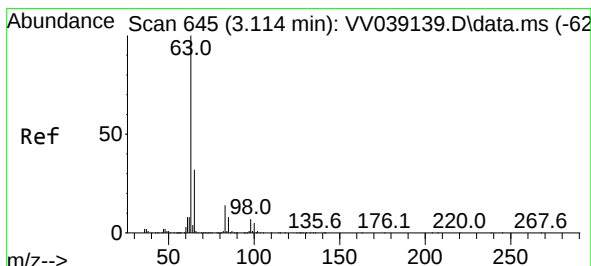
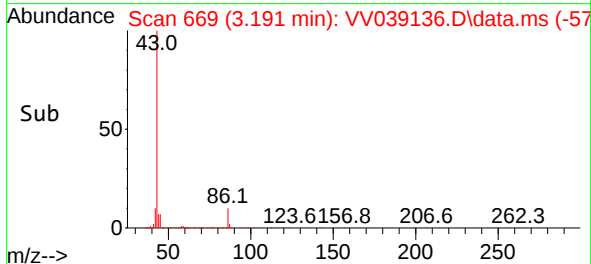
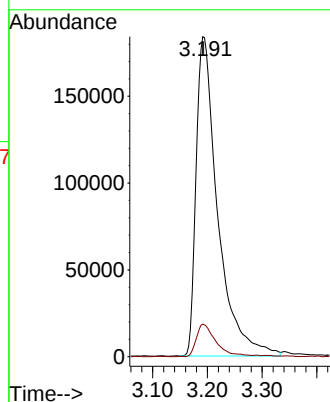
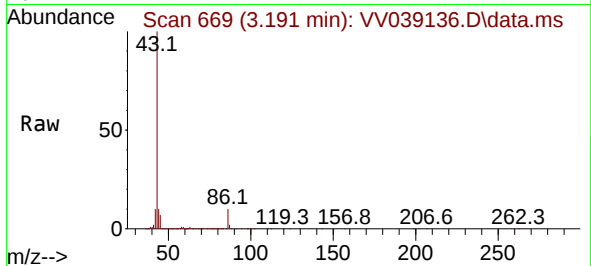




#23
 Vinyl Acetate
 Concen: 25.551 ug/l
 RT: 3.191 min Scan# 609
 Delta R.T. 0.006 min
 Lab File: VV039136.D
 Acq: 22 Sep 2025 11:30

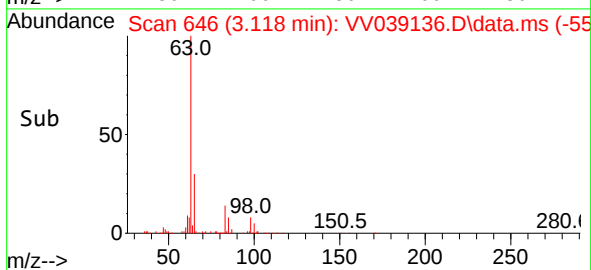
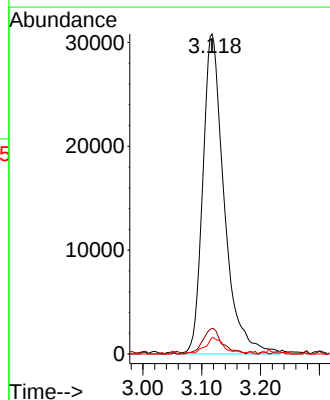
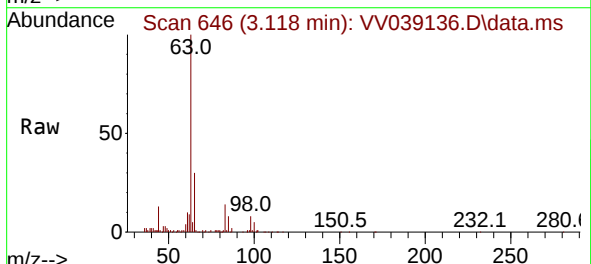
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

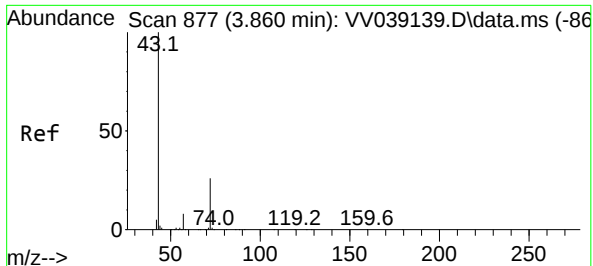
Tgt Ion: 43 Resp: 504227
 Ion Ratio Lower Upper
 43 100
 86 10.1 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 5.630 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039136.D
 Acq: 22 Sep 2025 11:30

Tgt Ion: 63 Resp: 77672
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.4 10.2
 100 5.1 2.2 6.6





#25

2-Butanone

Concen: 25.864 ug/l

RT: 3.876 min Scan# 81

Delta R.T. 0.016 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

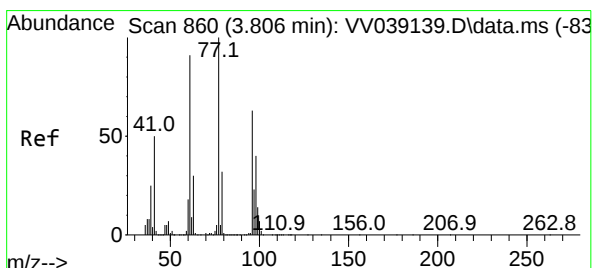
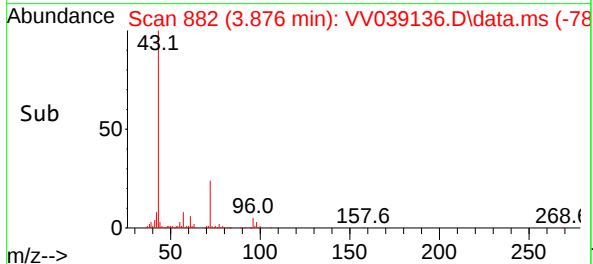
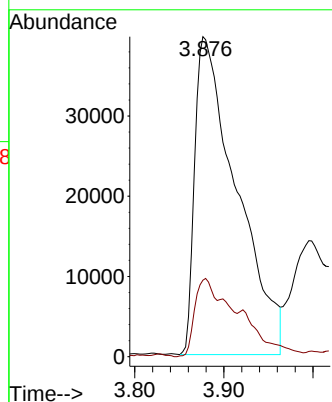
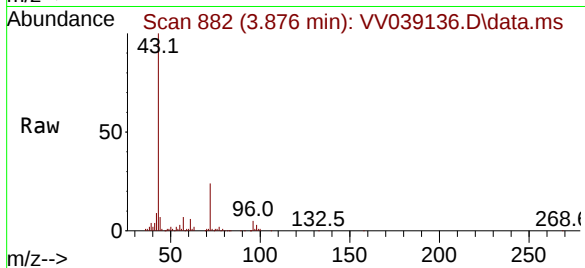
VSTDICC005

Tgt Ion: 43 Resp: 128996

Ion Ratio Lower Upper

43 100

72 23.8 21.0 31.6



#26

2,2-Dichloropropane

Concen: 4.917 ug/l

RT: 3.809 min Scan# 861

Delta R.T. 0.003 min

Lab File: VV039136.D

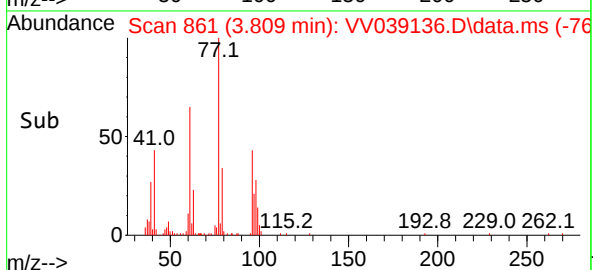
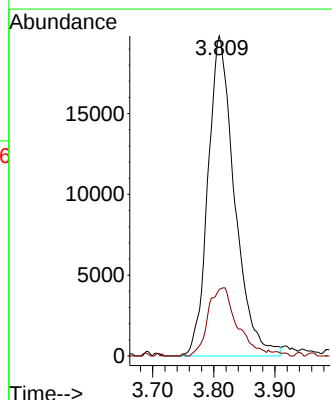
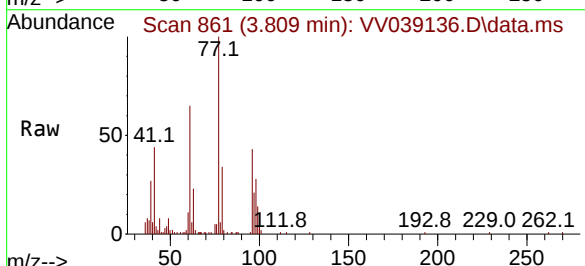
Acq: 22 Sep 2025 11:30

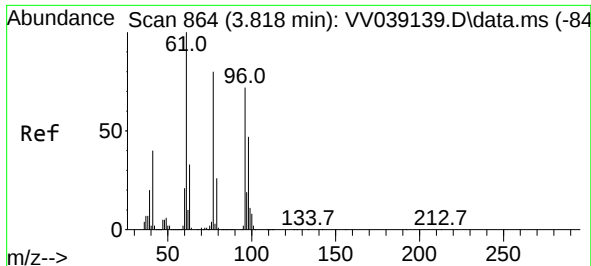
Tgt Ion: 77 Resp: 59905

Ion Ratio Lower Upper

77 100

97 23.1 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 5.028 ug/l

RT: 3.822 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

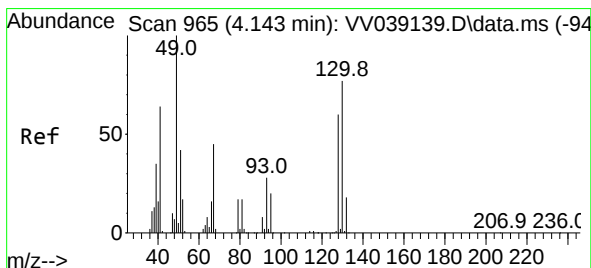
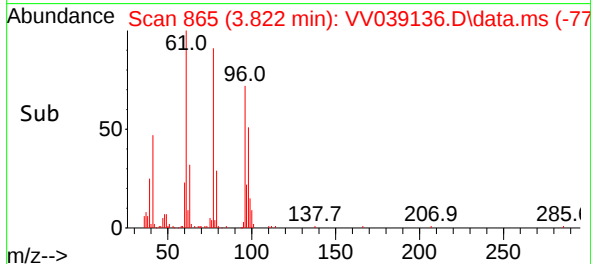
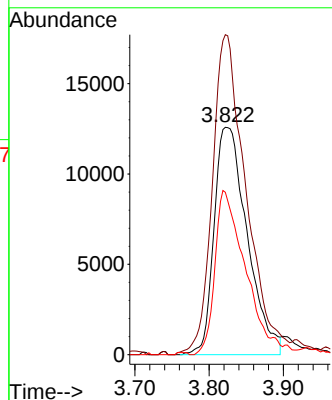
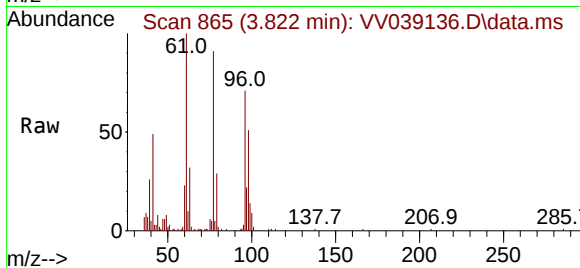
Tgt Ion: 96 Resp: 38968

Ion Ratio Lower Upper

96 100

61 142.9 0.0 286.4

98 66.2 0.0 126.6



#28

Bromochloromethane

Concen: 3.773 ug/l

RT: 4.153 min Scan# 968

Delta R.T. 0.010 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

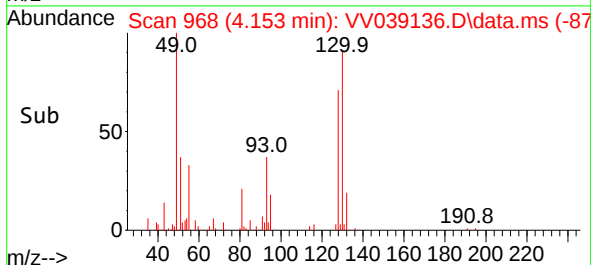
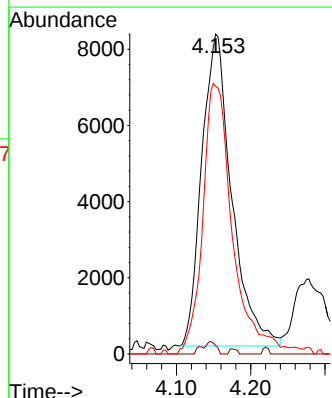
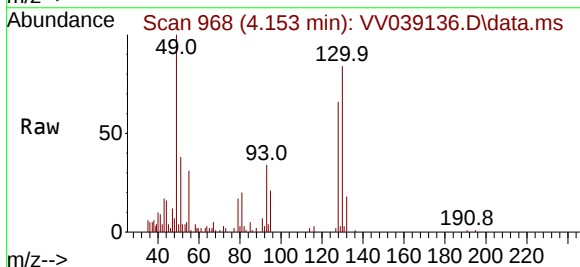
Tgt Ion: 49 Resp: 22979

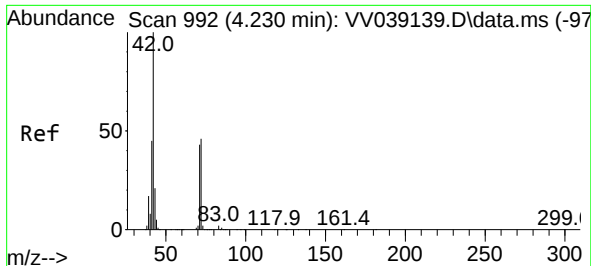
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.2

130 85.5 60.2 90.2





#29

Tetrahydrofuran

Concen: 21.465 ug/l

RT: 4.246 min Scan# 99

Delta R.T. 0.016 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

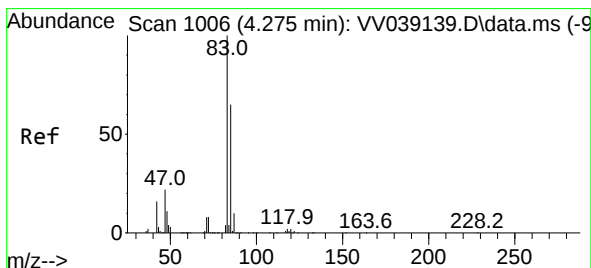
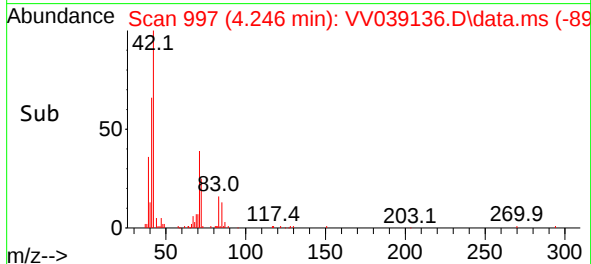
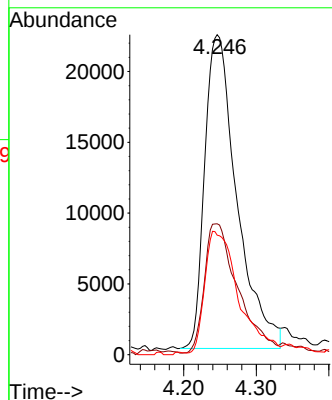
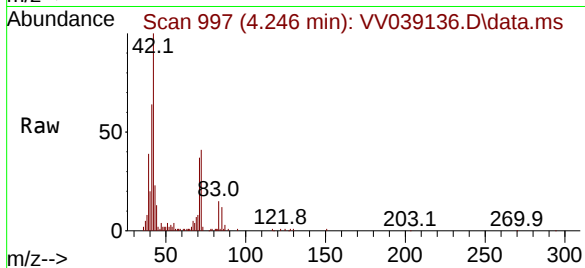
Tgt Ion: 42 Resp: 68169

Ion Ratio Lower Upper

42 100

72 43.2 36.3 54.5

71 40.6 34.3 51.5



#30

Chloroform

Concen: 5.302 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV039136.D

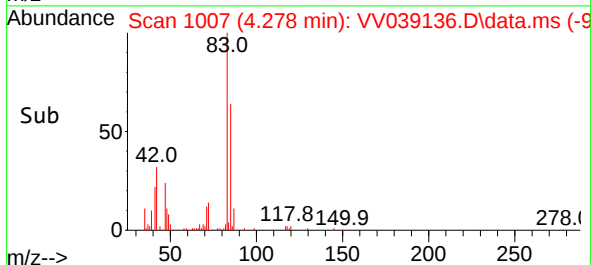
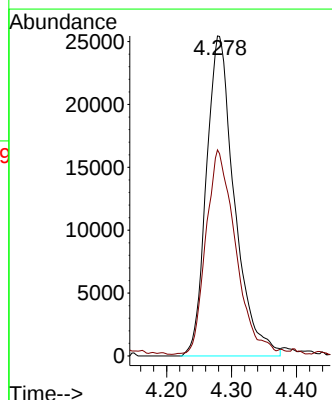
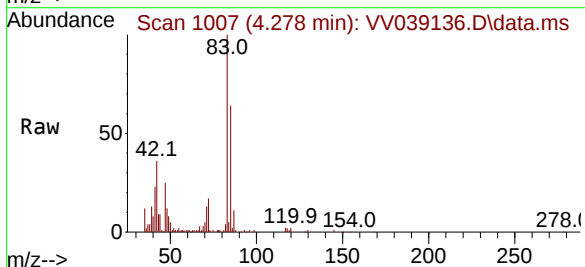
Acq: 22 Sep 2025 11:30

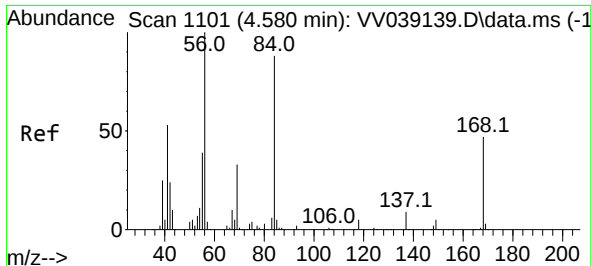
Tgt Ion: 83 Resp: 76380

Ion Ratio Lower Upper

83 100

85 63.6 52.1 78.1

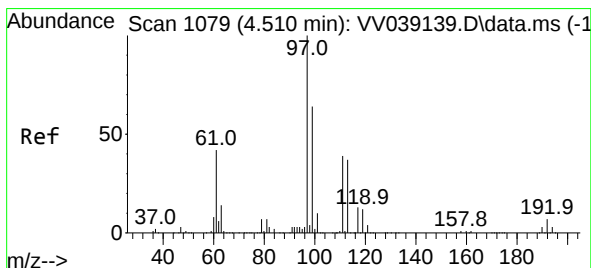
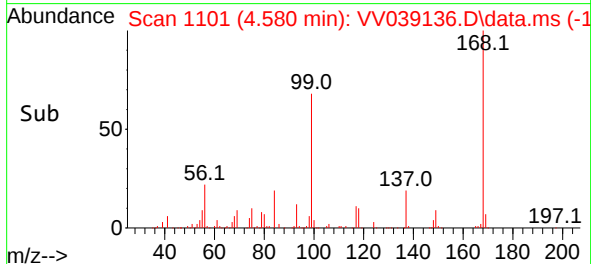
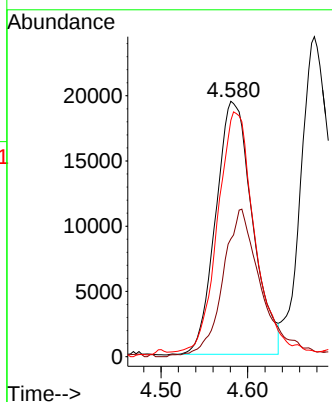
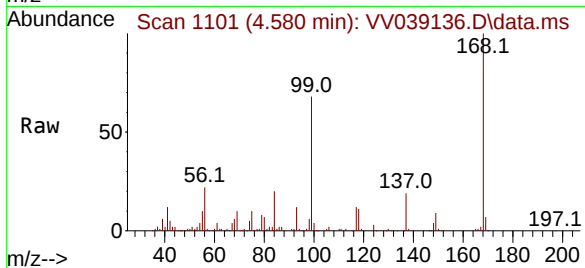




#31
Cyclohexane
Concen: 5.066 ug/l
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

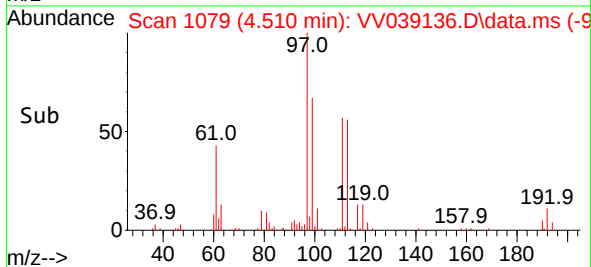
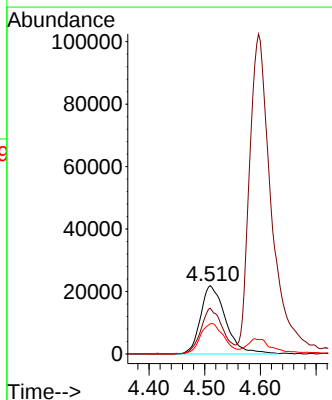
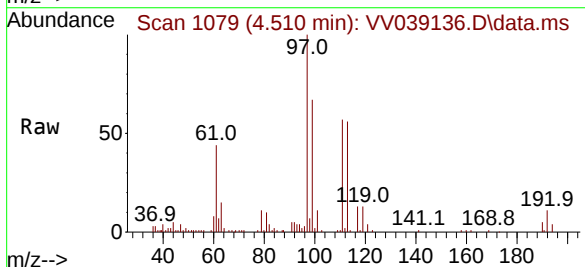
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 57247
Ion Ratio Lower Upper
56 100
69 45.8 26.2 39.2#
84 91.2 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 5.474 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 97 Resp: 68263
Ion Ratio Lower Upper
97 100
99 58.6 49.6 74.4
61 41.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 7.011 ug/l

RT: 4.947 min Scan# 1215

Delta R.T. 0.010 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

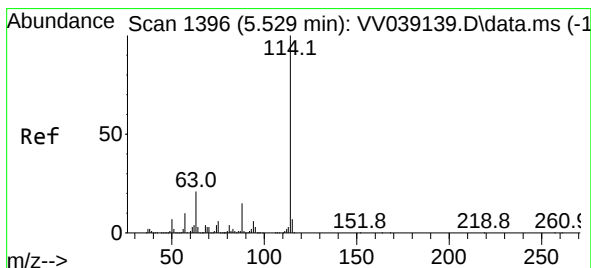
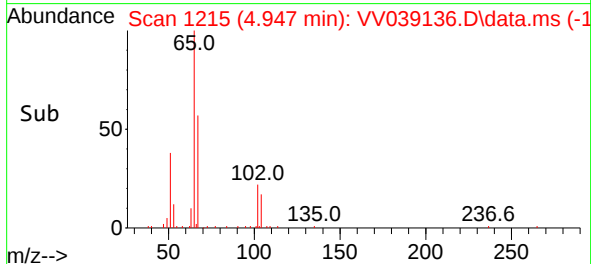
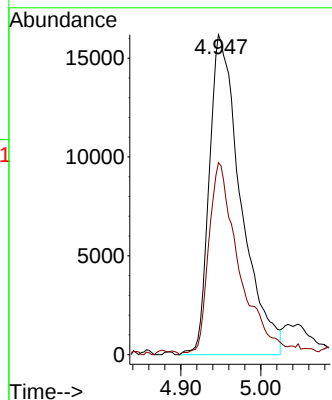
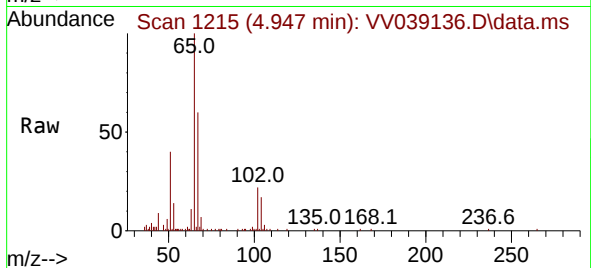
VSTDICC005

Tgt Ion: 65 Resp: 44424

Ion Ratio Lower Upper

65 100

67 57.8 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

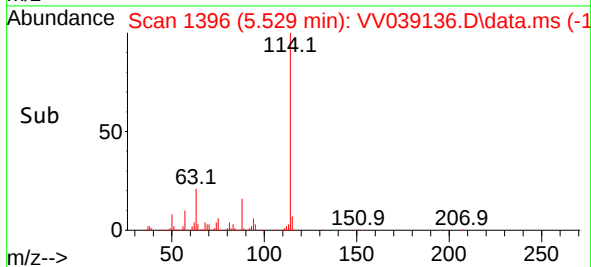
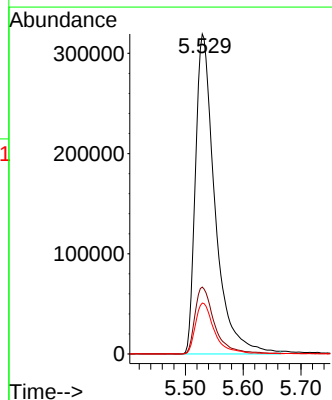
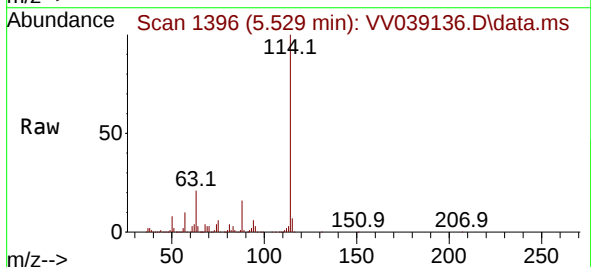
Tgt Ion: 114 Resp: 750007

Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 15.9 0.0 30.8





#35

Dibromofluoromethane

Concen: 6.065 ug/l

RT: 4.510 min Scan# 1109

Delta R.T. 0.013 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

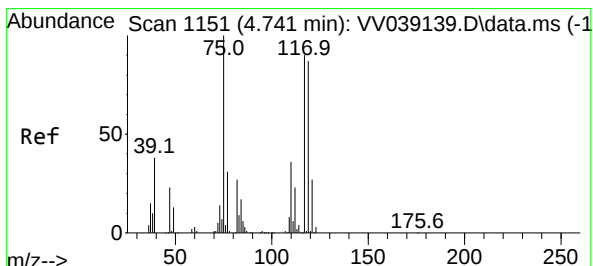
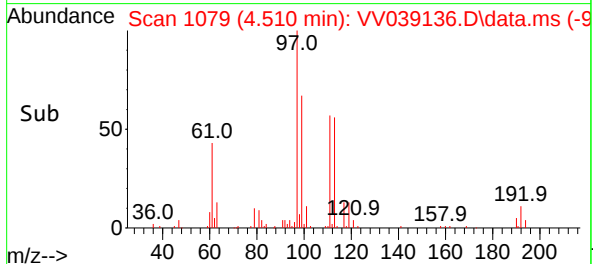
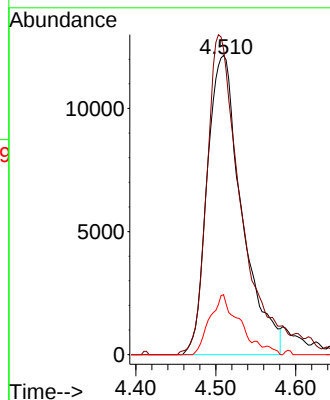
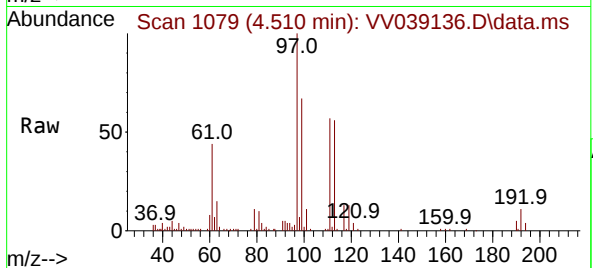
Tgt Ion:113 Resp: 36566

Ion Ratio Lower Upper

113 100

111 104.8 82.4 123.6

192 17.8 13.8 20.8



#36

1,1-Dichloropropene

Concen: 4.504 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. 0.003 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

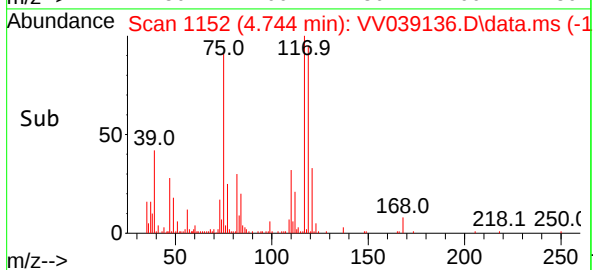
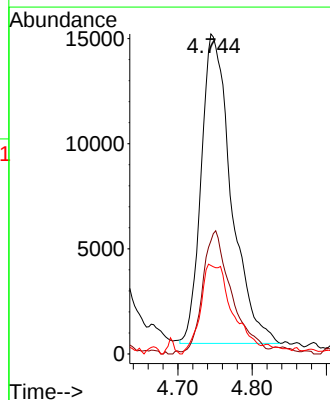
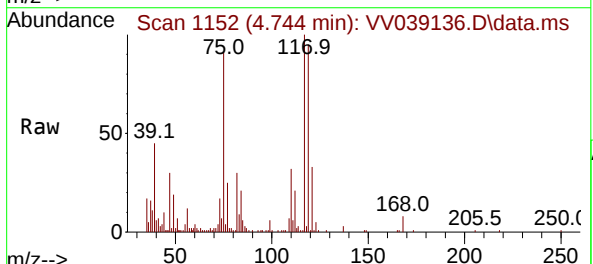
Tgt Ion: 75 Resp: 41356

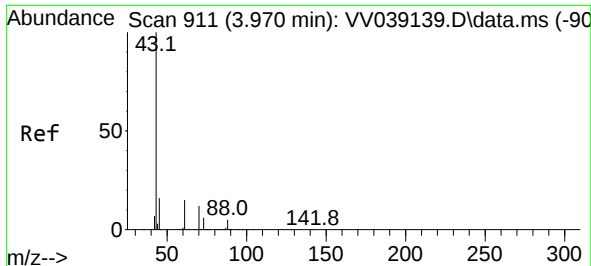
Ion Ratio Lower Upper

75 100

110 36.7 18.1 54.1

77 30.8 24.8 37.2

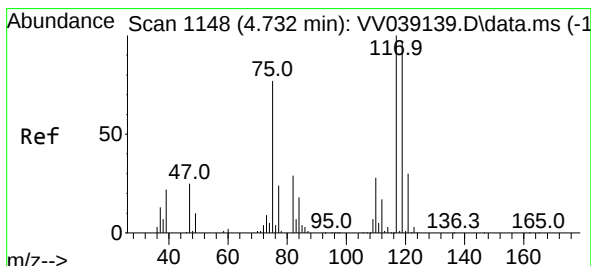
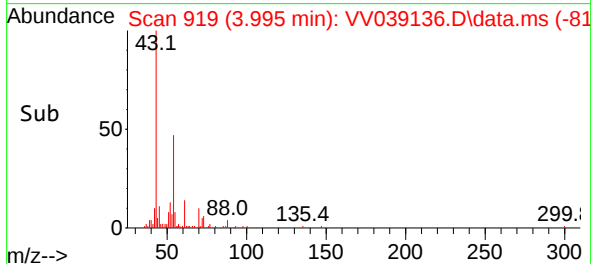
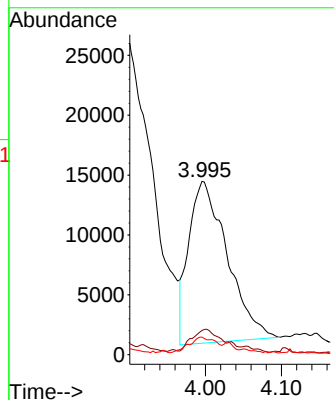
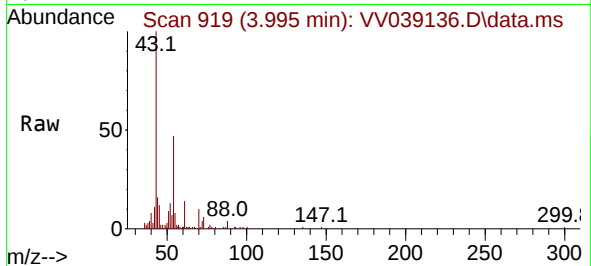




#37
Ethyl Acetate
Concen: 4.214 ug/l
RT: 3.995 min Scan# 911
Delta R.T. 0.025 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

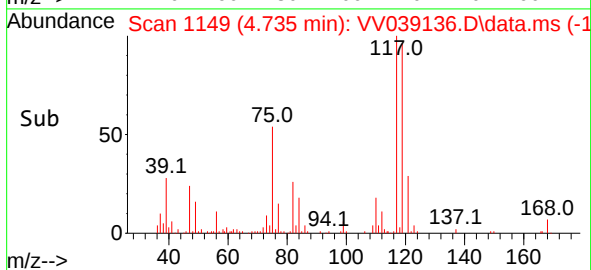
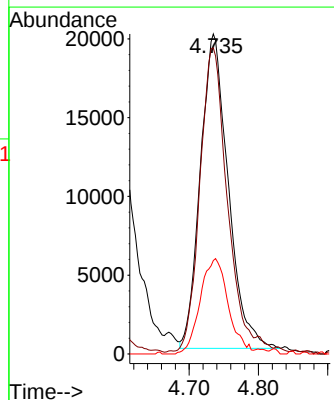
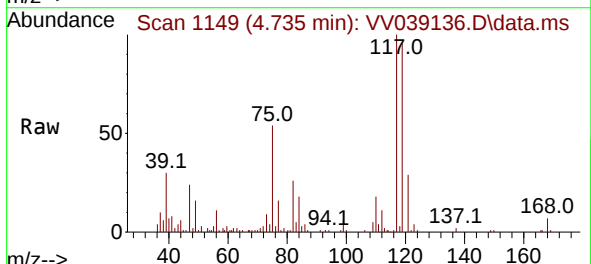
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

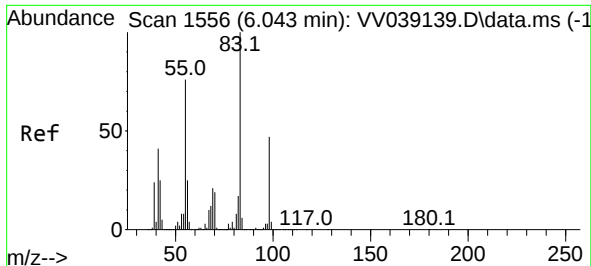
Tgt Ion: 43 Resp: 47460
Ion Ratio Lower Upper
43 100
61 9.1 10.3 15.5#
70 6.6 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 5.033 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 117 Resp: 55665
Ion Ratio Lower Upper
117 100
119 95.5 77.2 115.8
121 29.7 24.2 36.2

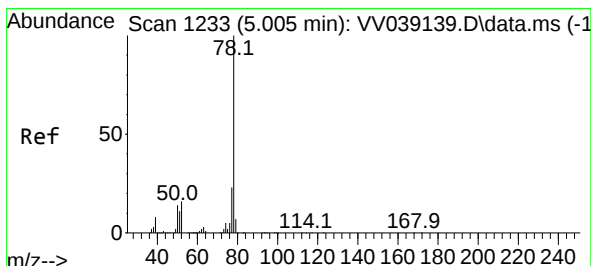
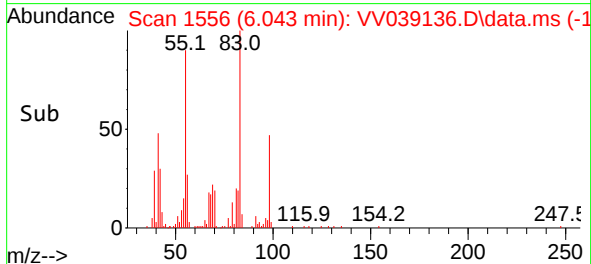
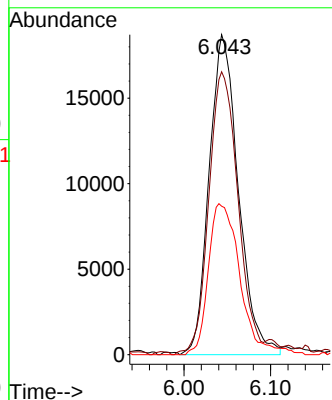
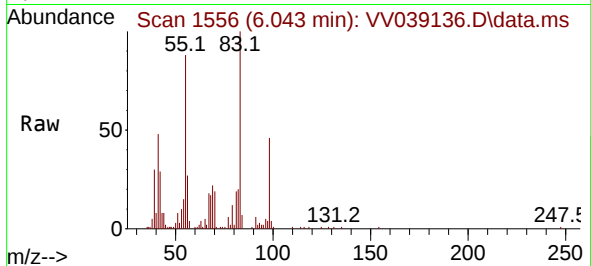




#39
Methylcyclohexane
Concen: 3.987 ug/l
RT: 6.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

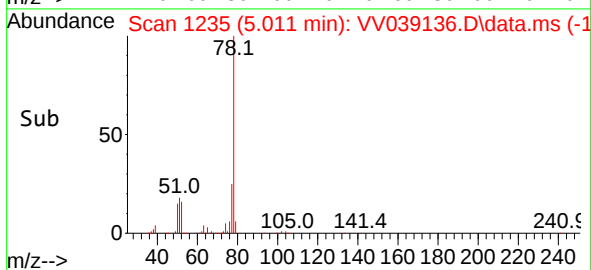
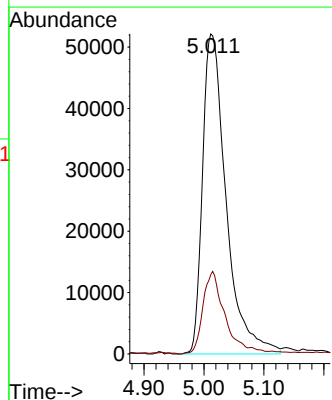
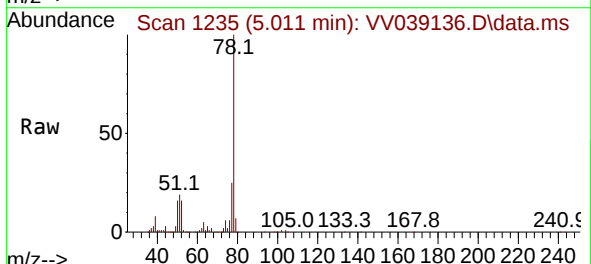
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

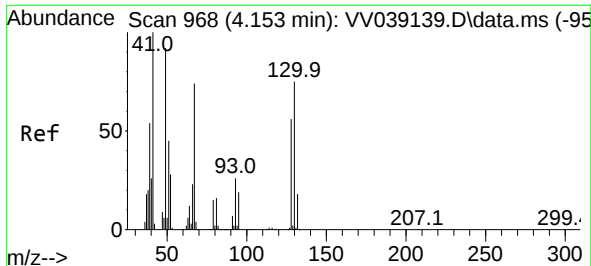
Tgt Ion: 83 Resp: 43892
Ion Ratio Lower Upper
83 100
55 87.3 60.5 90.7
98 46.4 37.8 56.6



#40
Benzene
Concen: 4.817 ug/l
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 78 Resp: 142977
Ion Ratio Lower Upper
78 100
77 24.7 18.7 28.1

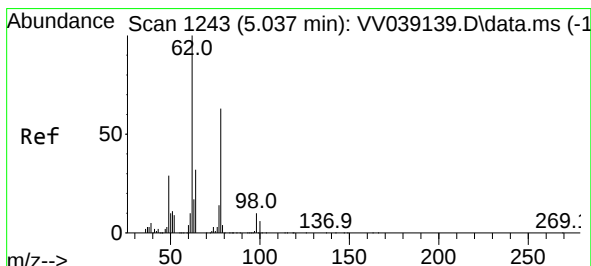
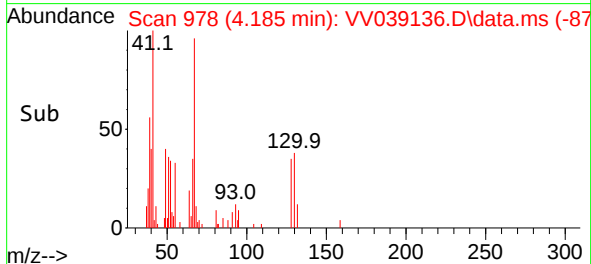
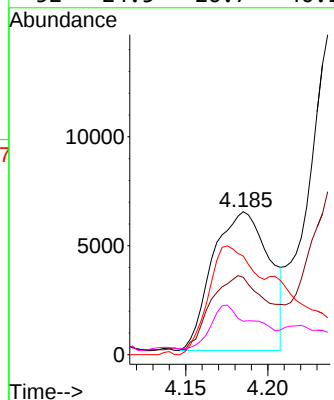
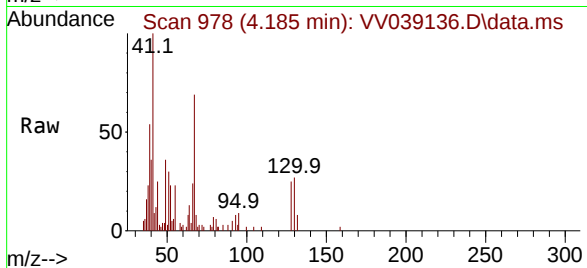




#41
Methacrylonitrile
Concen: 4.827 ug/l
RT: 4.185 min Scan# 91
Delta R.T. 0.032 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

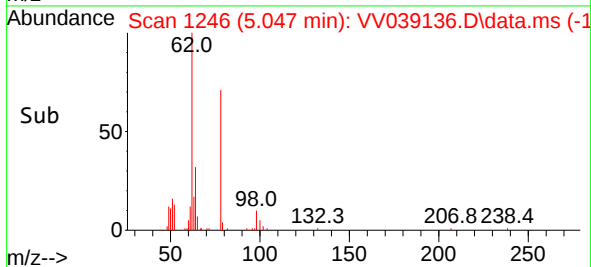
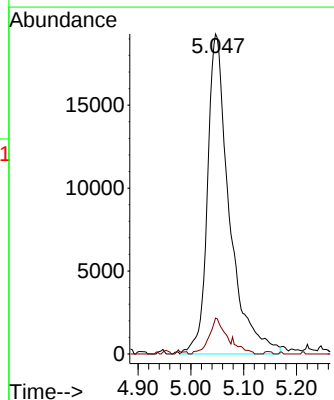
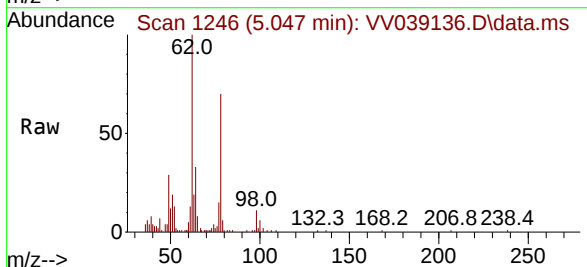
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

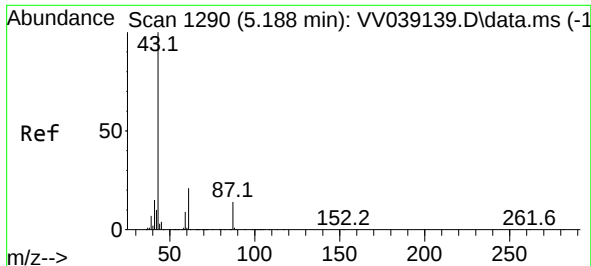
Tgt Ion:	41	Resp:	15251
Ion	Ratio	Lower	Upper
41	100		
39	55.2	42.2	63.2
67	65.7	67.9	101.9#
52	24.5	26.7	40.1#



#42
1,2-Dichloroethane
Concen: 5.345 ug/l
RT: 5.047 min Scan# 1246
Delta R.T. 0.010 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion:	62	Resp:	55595
Ion	Ratio	Lower	Upper
62	100		
98	7.9	0.0	19.2

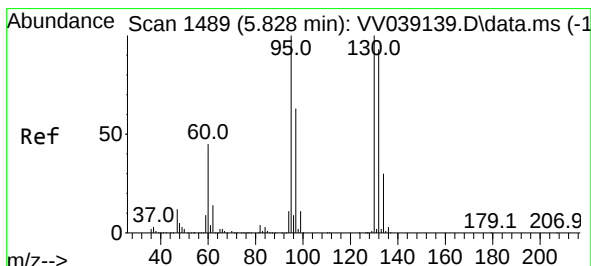
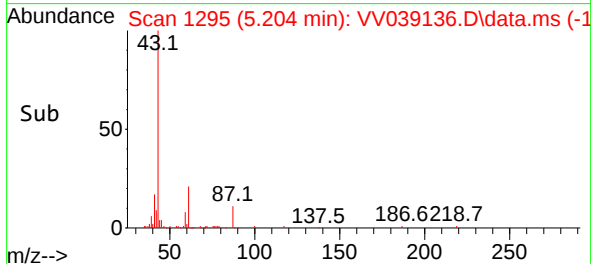
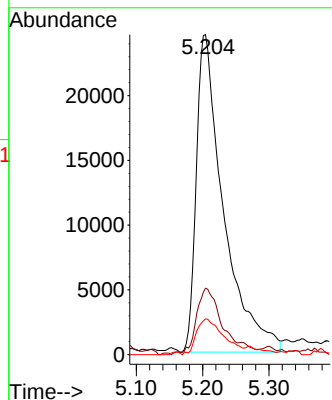
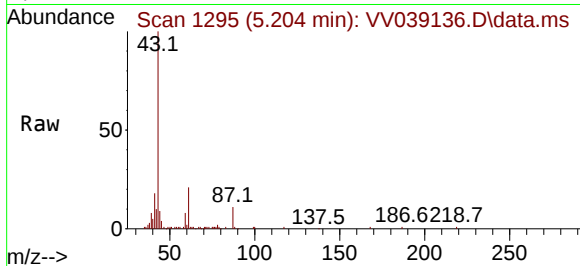




#43
Isopropyl Acetate
Concen: 4.496 ug/l
RT: 5.204 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

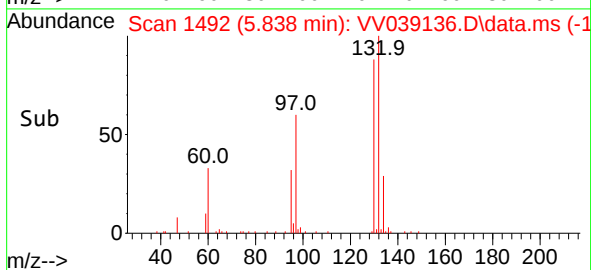
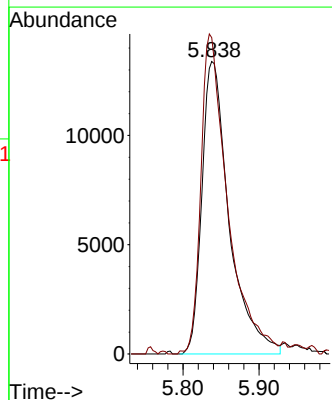
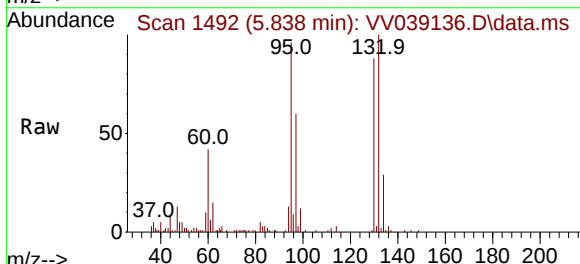
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

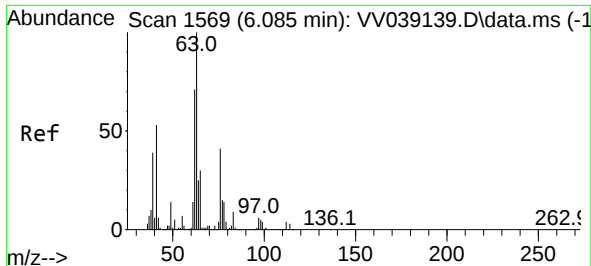
Tgt Ion: 43 Resp: 69765
Ion Ratio Lower Upper
43 100
61 19.0 15.9 23.9
87 11.3 11.0 16.6



#44
Trichloroethene
Concen: 4.892 ug/l
RT: 5.838 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 130 Resp: 33508
Ion Ratio Lower Upper
130 100
95 107.1 0.0 199.2





#45

1,2-Dichloropropane

Concen: 4.621 ug/l

RT: 6.095 min Scan# 1572

Delta R.T. 0.010 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

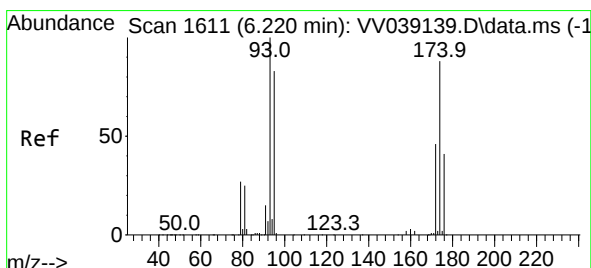
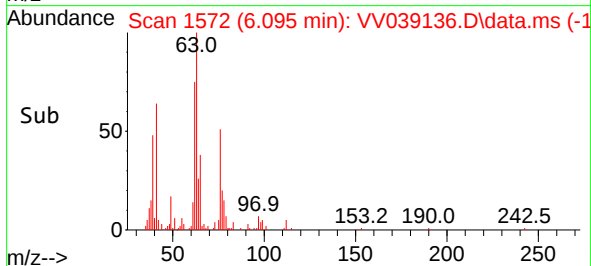
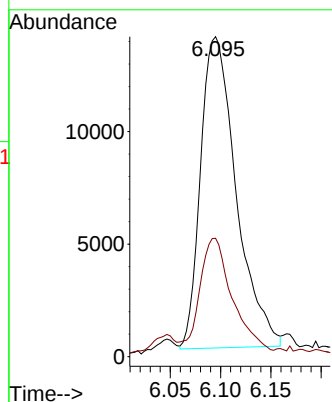
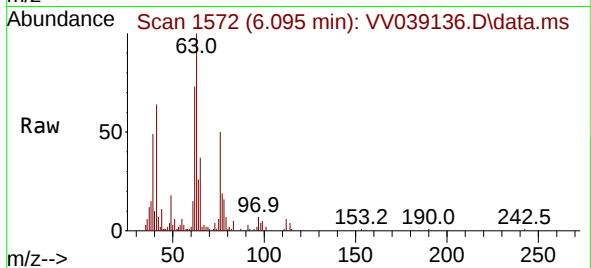
VSTDICC005

Tgt Ion: 63 Resp: 34099

Ion Ratio Lower Upper

63 100

65 35.6 23.7 35.5#



#46

Dibromomethane

Concen: 5.089 ug/l

RT: 6.233 min Scan# 1615

Delta R.T. 0.013 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

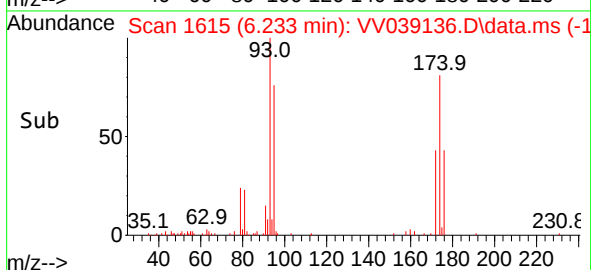
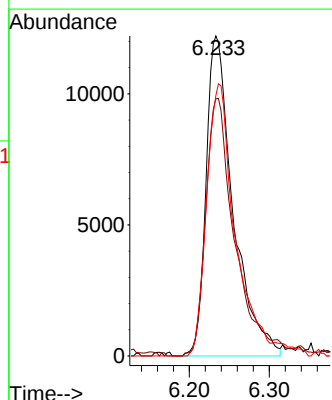
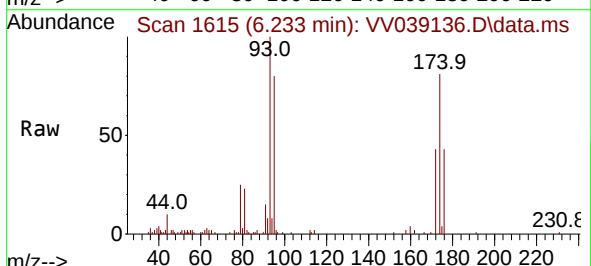
Tgt Ion: 93 Resp: 28740

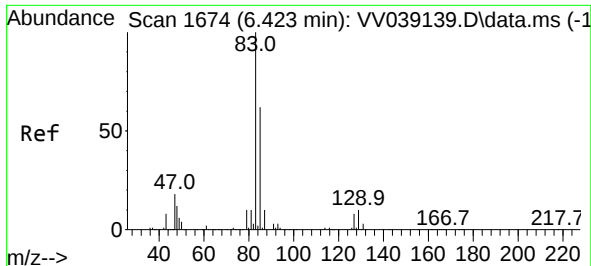
Ion Ratio Lower Upper

93 100

95 86.2 65.5 98.3

174 88.3 69.0 103.4

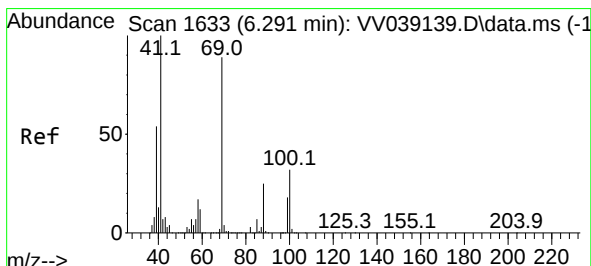
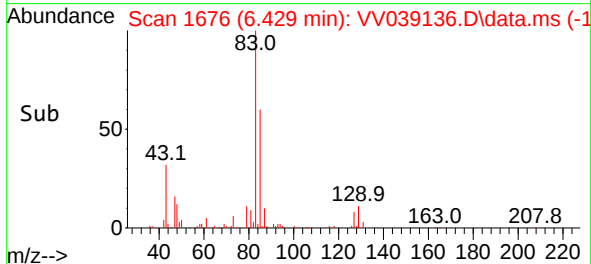
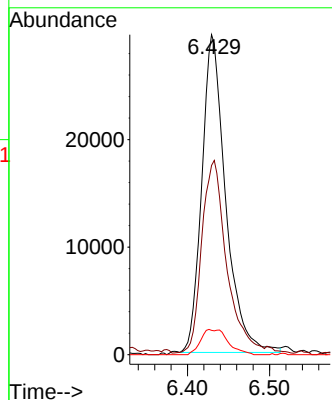
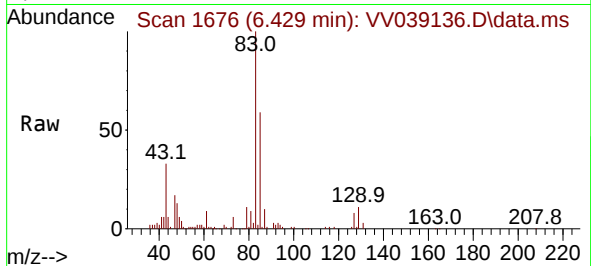




#47
Bromodichloromethane
Concen: 5.121 ug/l
RT: 6.429 min Scan# 1674
Delta R.T. 0.006 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

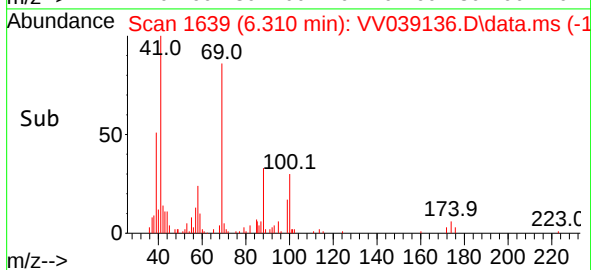
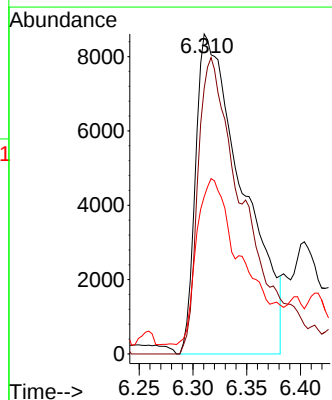
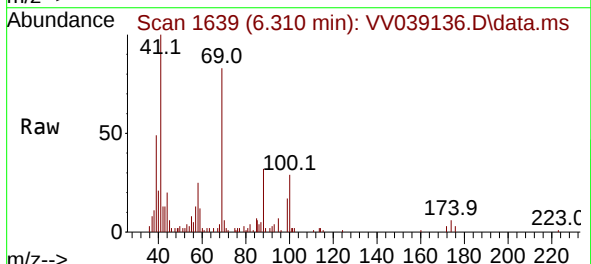
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

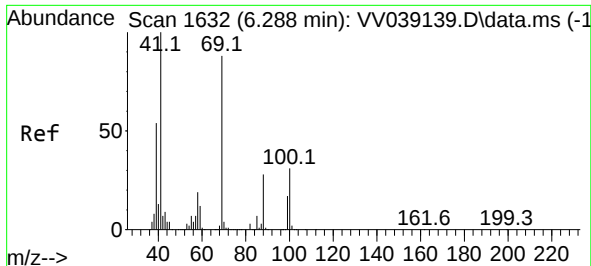
Tgt Ion: 83 Resp: 59788
Ion Ratio Lower Upper
83 100
85 58.9 49.7 74.5
127 7.6 6.6 9.8



#48
Methyl methacrylate
Concen: 3.687 ug/l
RT: 6.310 min Scan# 1639
Delta R.T. 0.019 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 41 Resp: 26172
Ion Ratio Lower Upper
41 100
69 92.7 72.4 108.6
39 51.2 42.5 63.7





#49

1,4-Dioxane

Concen: 43.386 ug/l

RT: 6.310 min Scan# 1

Delta R.T. 0.023 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

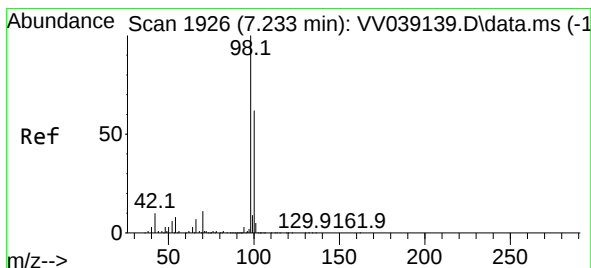
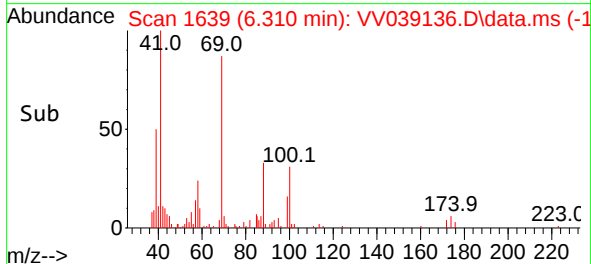
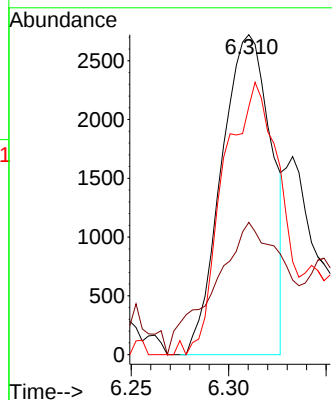
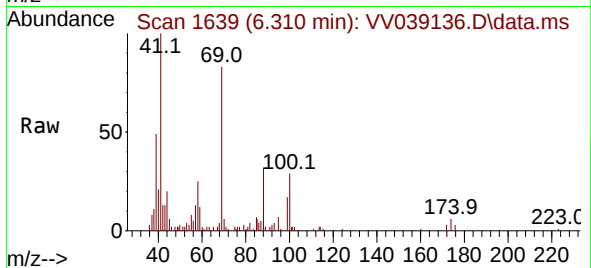
Tgt Ion: 88 Resp: 4841

Ion Ratio Lower Upper

88 100

43 57.6 25.1 37.7#

58 97.7 53.6 80.4#



#50

Toluene-d8

Concen: 6.295 ug/l

RT: 7.240 min Scan# 1928

Delta R.T. 0.006 min

Lab File: VV039136.D

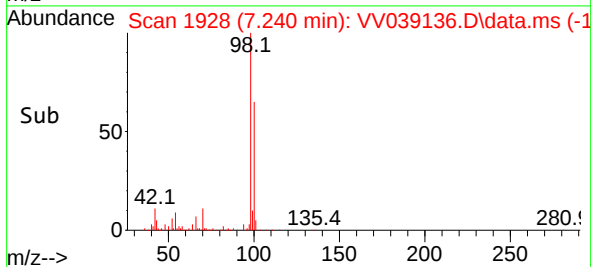
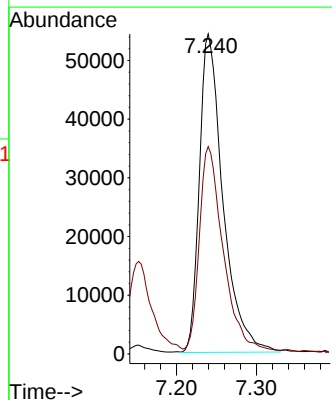
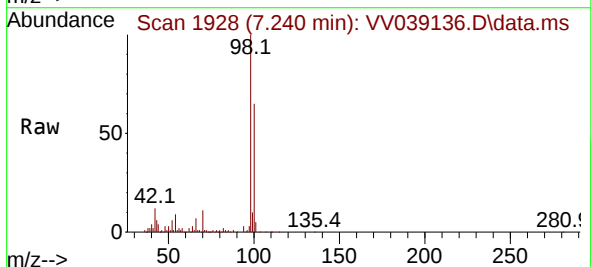
Acq: 22 Sep 2025 11:30

Tgt Ion: 98 Resp: 111469

Ion Ratio Lower Upper

98 100

100 64.9 52.2 78.2

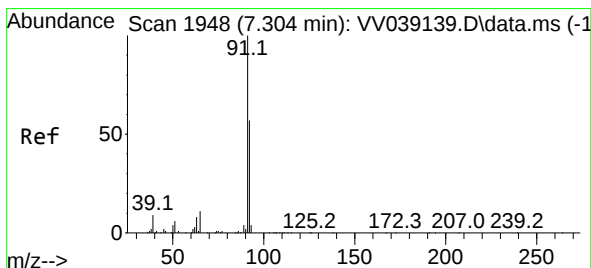
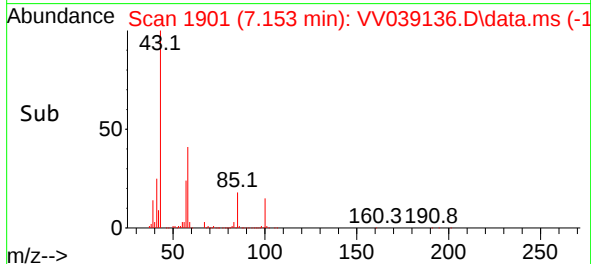
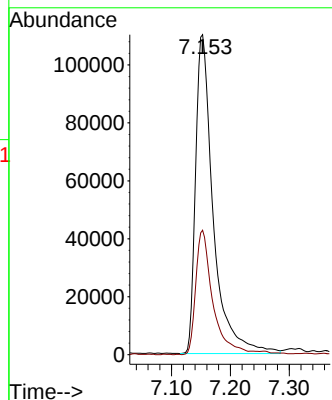
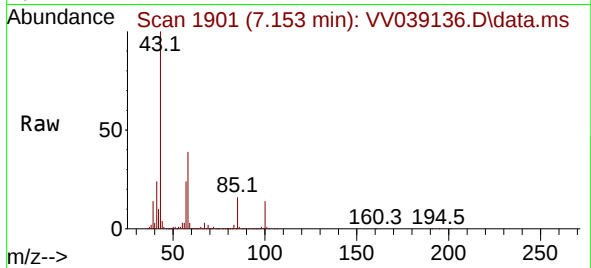




#51
4-Methyl-2-Pentanone
Concen: 23.143 ug/l
RT: 7.153 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

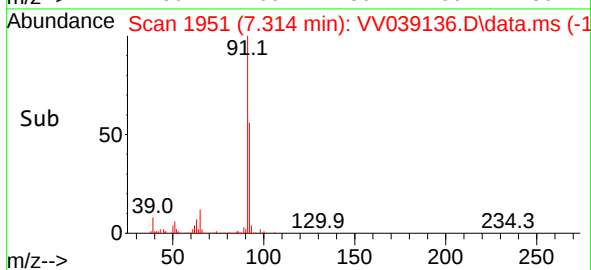
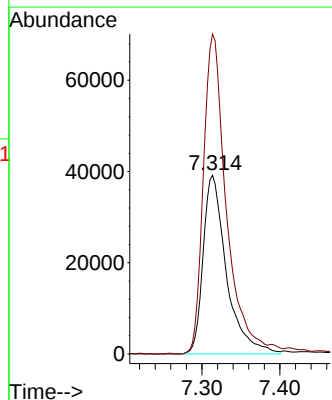
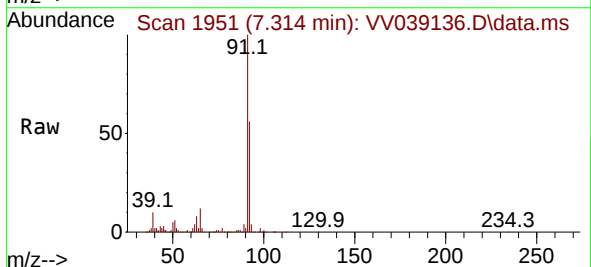
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

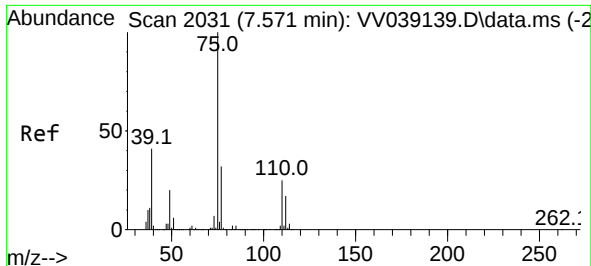
Tgt Ion: 43 Resp: 229627
Ion Ratio Lower Upper
43 100
58 37.5 32.3 48.5



#52
Toluene
Concen: 4.736 ug/l
RT: 7.314 min Scan# 1951
Delta R.T. 0.010 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 92 Resp: 81515
Ion Ratio Lower Upper
92 100
91 174.8 139.2 208.8

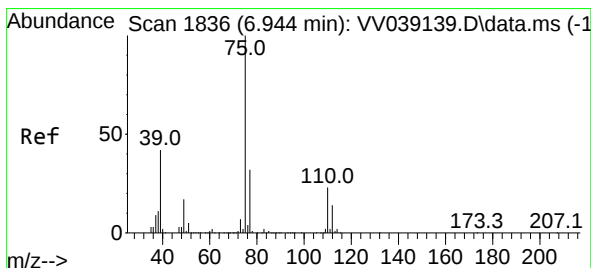
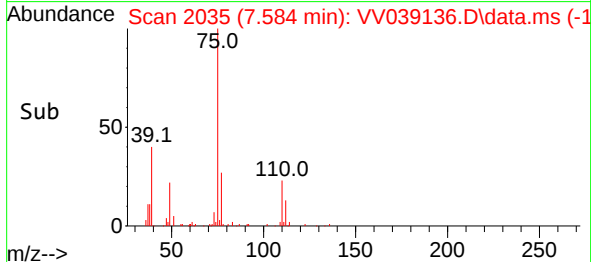
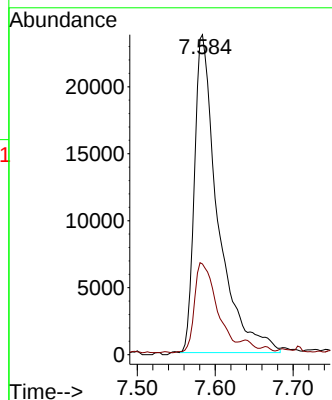
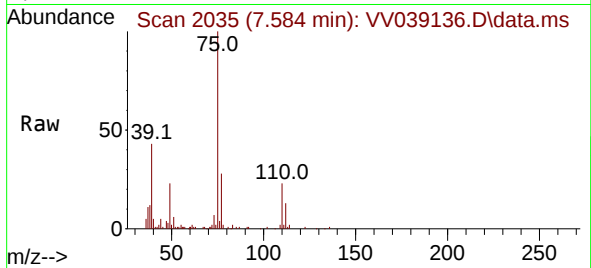




#53
 t-1,3-Dichloropropene
 Concen: 4.882 ug/l
 RT: 7.584 min Scan# 2031
 Delta R.T. 0.013 min
 Lab File: VV039136.D
 Acq: 22 Sep 2025 11:30

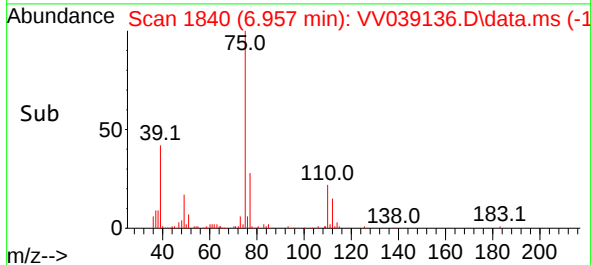
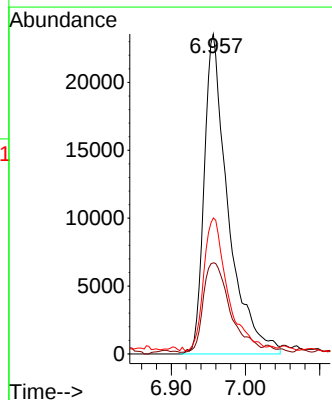
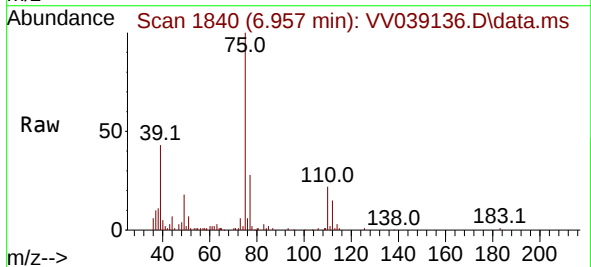
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

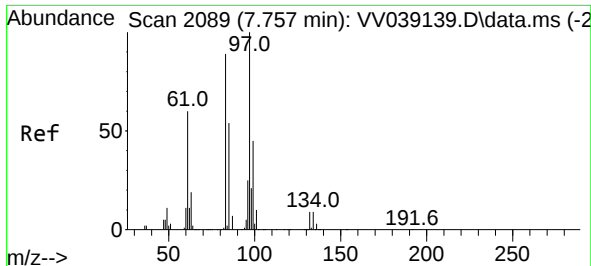
Tgt Ion: 75 Resp: 49668
 Ion Ratio Lower Upper
 75 100
 77 27.5 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 4.694 ug/l
 RT: 6.957 min Scan# 1840
 Delta R.T. 0.013 min
 Lab File: VV039136.D
 Acq: 22 Sep 2025 11:30

Tgt Ion: 75 Resp: 52722
 Ion Ratio Lower Upper
 75 100
 77 28.0 25.5 38.3
 39 41.4 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 5.380 ug/l

RT: 7.764 min Scan# 2089

Delta R.T. 0.007 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

Tgt Ion: 97 Resp: 41518

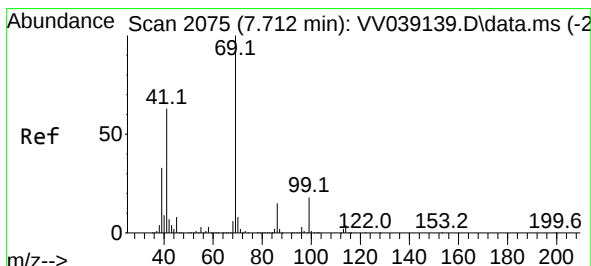
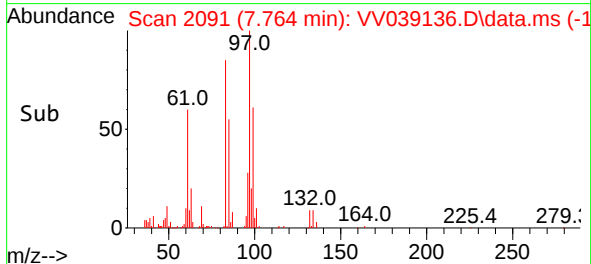
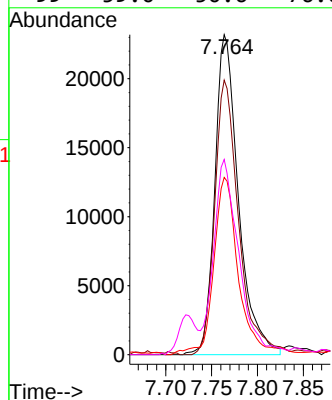
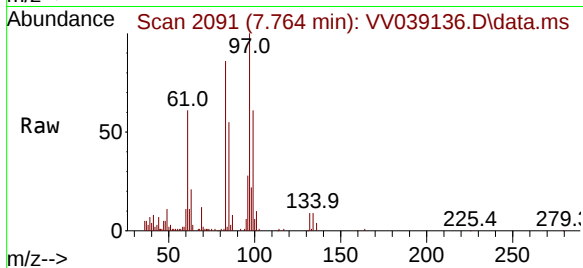
Ion Ratio Lower Upper

97 100

83 85.8 71.1 106.7

85 54.1 44.6 67.0

99 59.0 50.6 76.0



#56

Ethyl methacrylate

Concen: 3.842 ug/l

RT: 7.725 min Scan# 2079

Delta R.T. 0.013 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

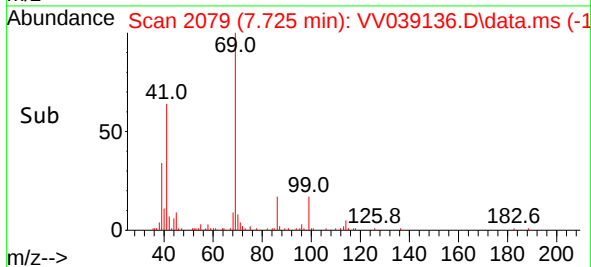
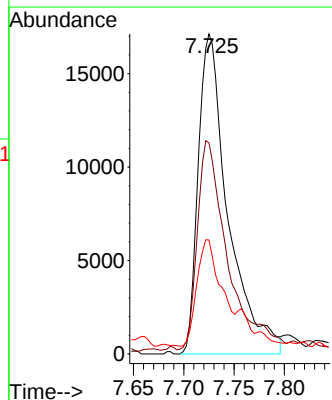
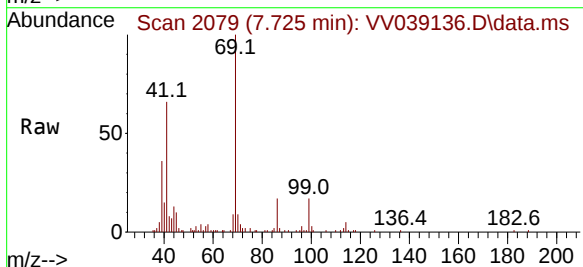
Tgt Ion: 69 Resp: 35208

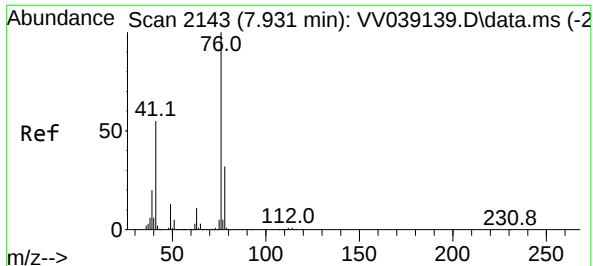
Ion Ratio Lower Upper

69 100

41 66.2 50.7 76.1

39 27.7 26.0 39.0





#57

1,3-Dichloropropane

Concen: 5.011 ug/l

RT: 7.940 min Scan# 2143

Delta R.T. 0.009 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

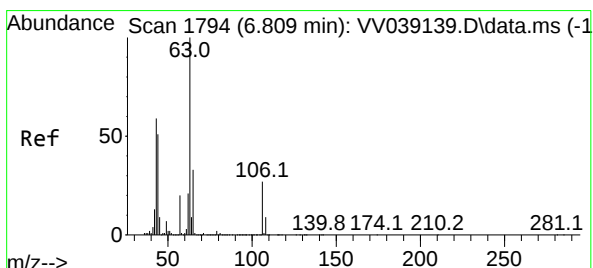
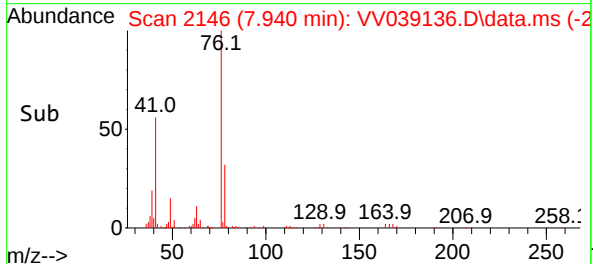
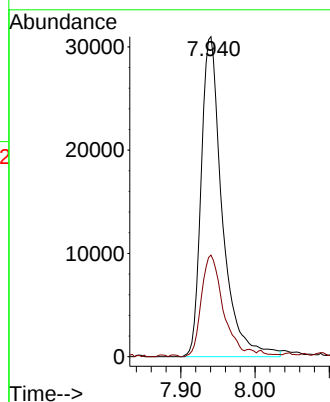
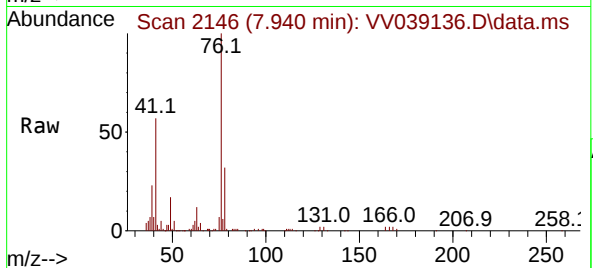
VSTDICC005

Tgt Ion: 76 Resp: 61027

Ion Ratio Lower Upper

76 100

78 32.4 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 23.413 ug/l

RT: 6.818 min Scan# 1797

Delta R.T. 0.009 min

Lab File: VV039136.D

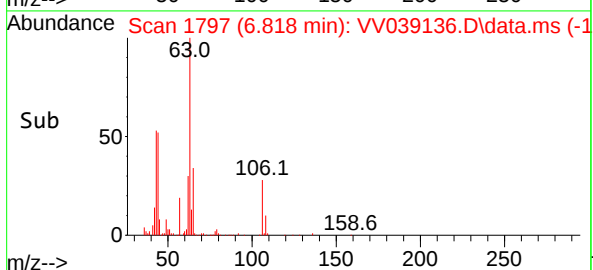
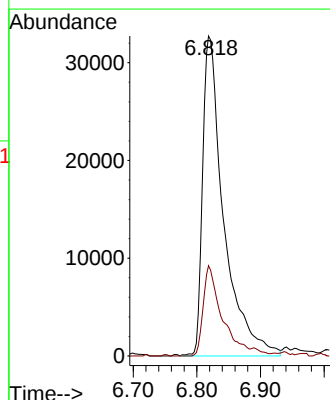
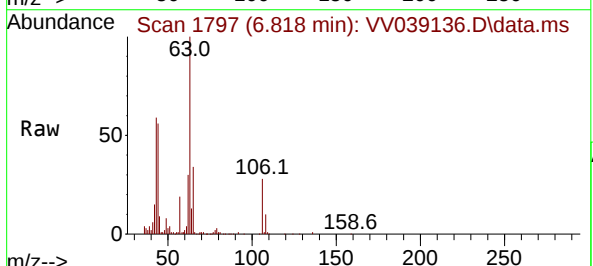
Acq: 22 Sep 2025 11:30

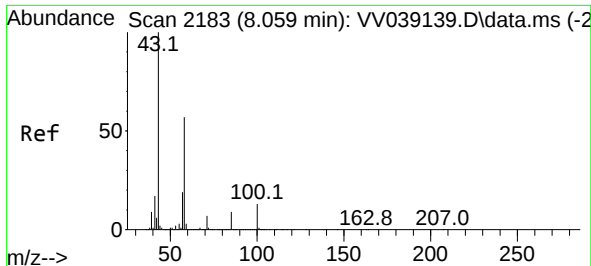
Tgt Ion: 63 Resp: 75413

Ion Ratio Lower Upper

63 100

106 24.7 22.1 33.1

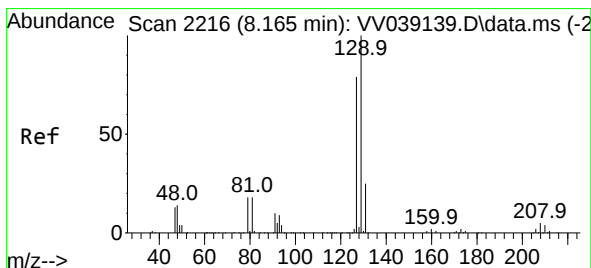
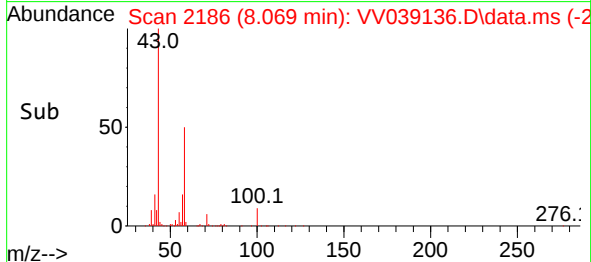
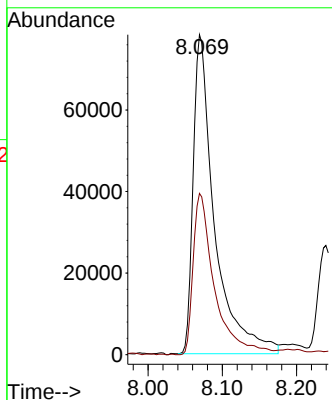
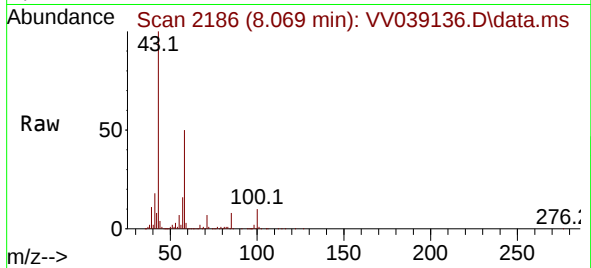




#59
2-Hexanone
Concen: 21.513 ug/l
RT: 8.069 min Scan# 2186
Delta R.T. 0.010 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

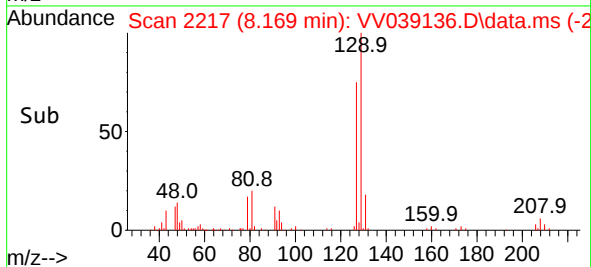
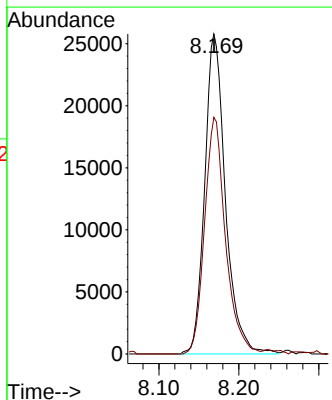
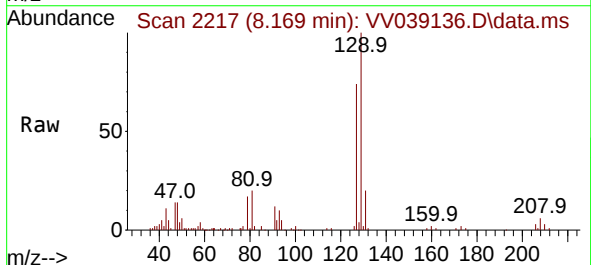
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 156377
Ion Ratio Lower Upper
43 100
58 50.7 28.3 85.0



#60
Dibromochloromethane
Concen: 5.282 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 129 Resp: 46448
Ion Ratio Lower Upper
129 100
127 74.7 39.3 117.9

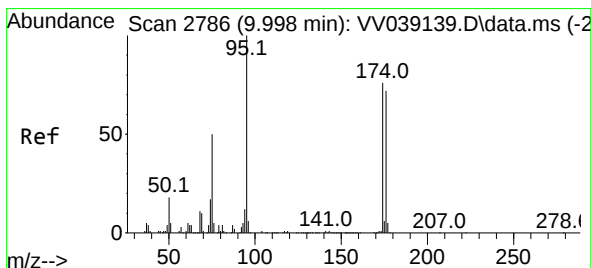
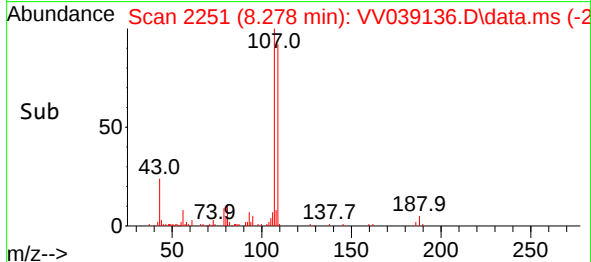
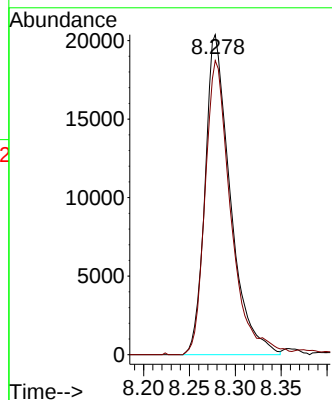
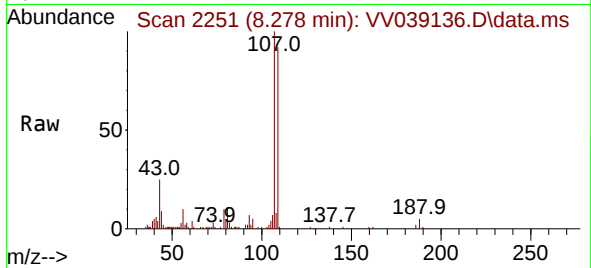




#61
1,2-Dibromoethane
Concen: 4.949 ug/l
RT: 8.278 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

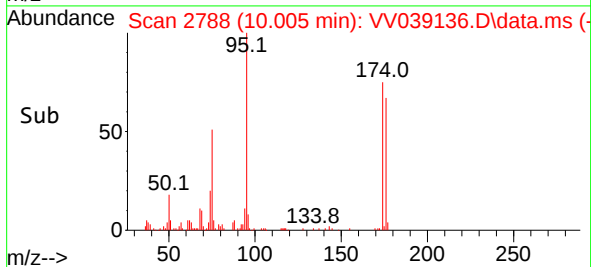
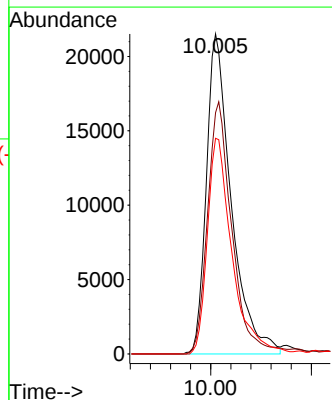
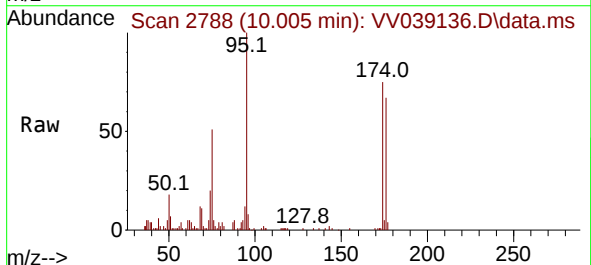
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

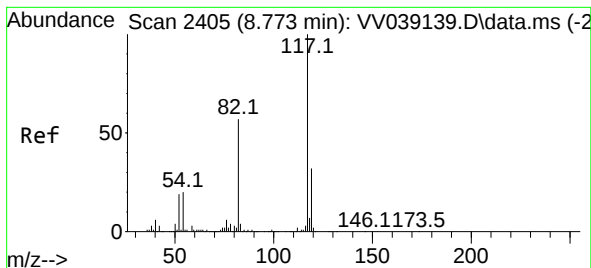
Tgt Ion:107 Resp: 39058
Ion Ratio Lower Upper
107 100
109 93.7 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 5.054 ug/l
RT: 10.005 min Scan# 2788
Delta R.T. 0.006 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 95 Resp: 36841
Ion Ratio Lower Upper
95 100
174 77.2 0.0 150.4
176 67.1 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

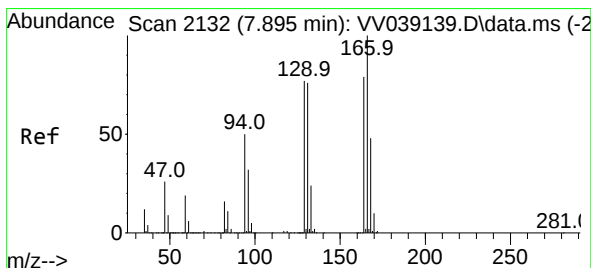
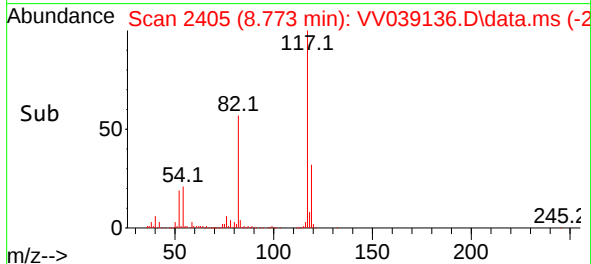
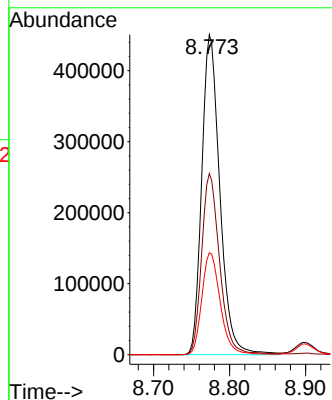
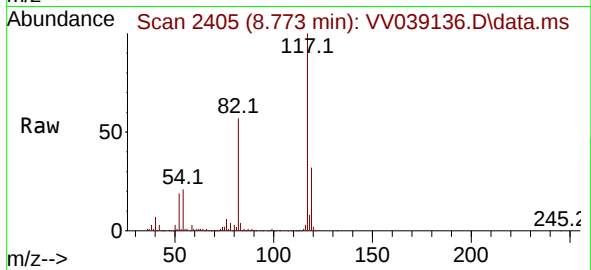
Tgt Ion:117 Resp: 746972

Ion Ratio Lower Upper

117 100

82 56.6 45.4 68.2

119 31.9 25.6 38.4



#64

Tetrachloroethene

Concen: 4.723 ug/l

RT: 7.899 min Scan# 2133

Delta R.T. 0.003 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Tgt Ion:164 Resp: 29549

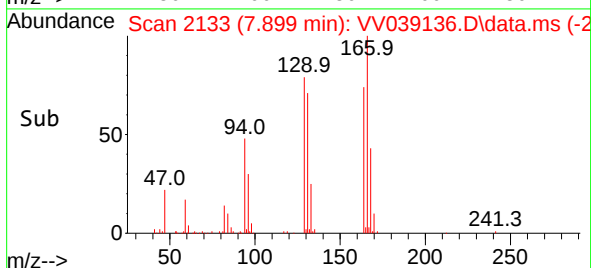
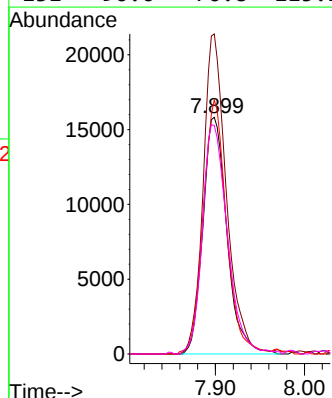
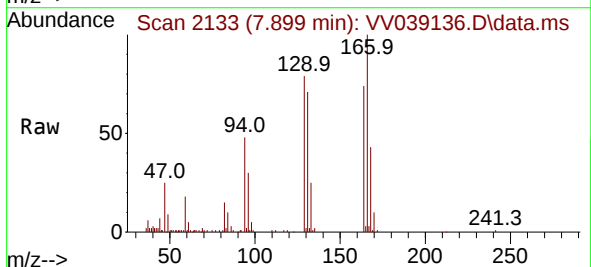
Ion Ratio Lower Upper

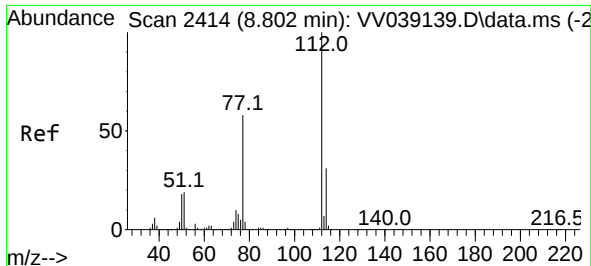
164 100

166 135.3 101.6 152.4

129 106.4 78.5 117.7

131 96.6 76.8 115.2

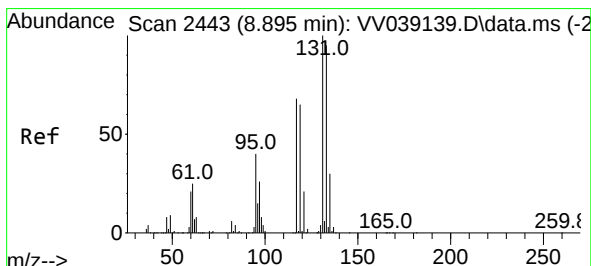
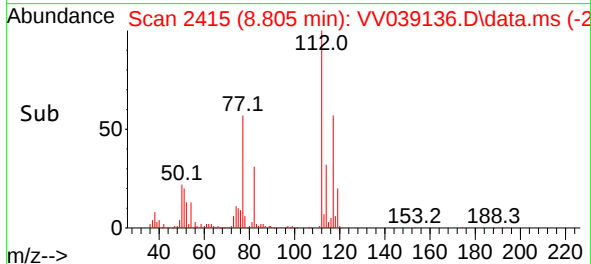
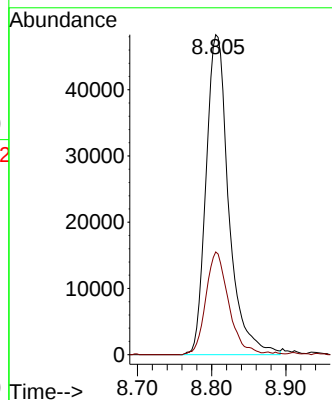
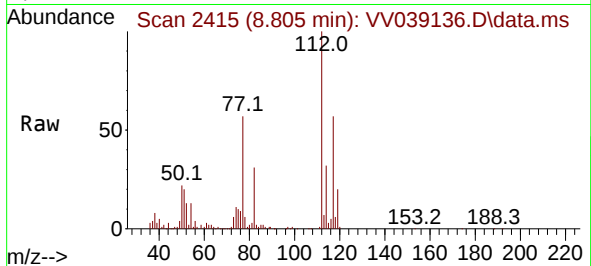




#65
Chlorobenzene
Concen: 4.923 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

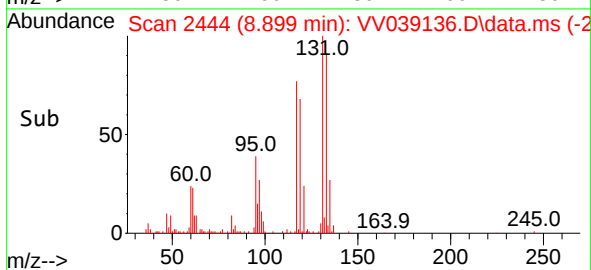
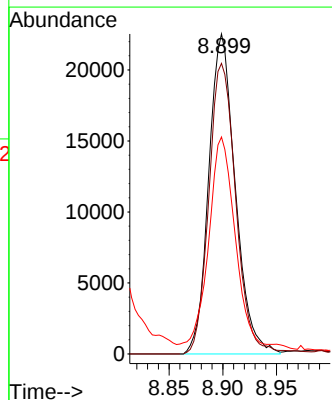
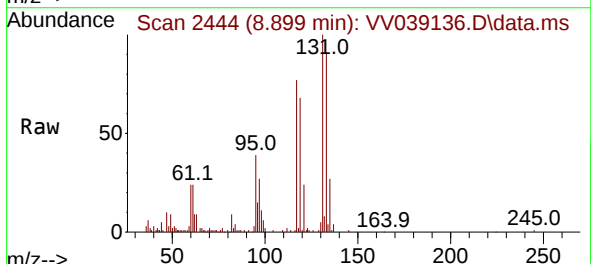
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

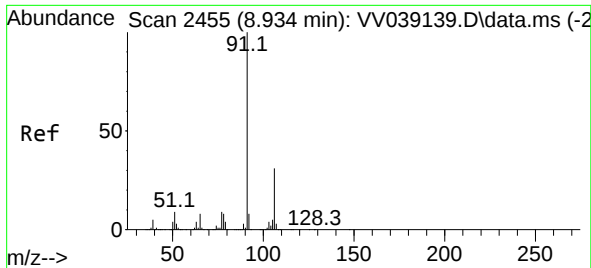
Tgt Ion:112 Resp: 102431
Ion Ratio Lower Upper
112 100
114 32.1 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 5.137 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion:131 Resp: 38622
Ion Ratio Lower Upper
131 100
133 92.9 47.3 141.8
119 68.6 33.3 99.8

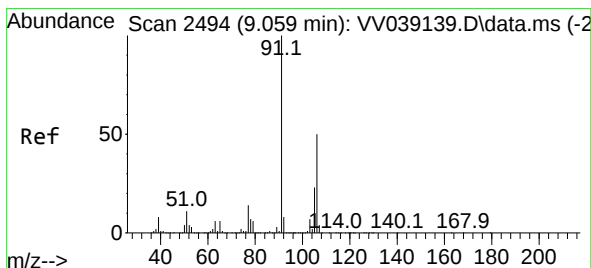
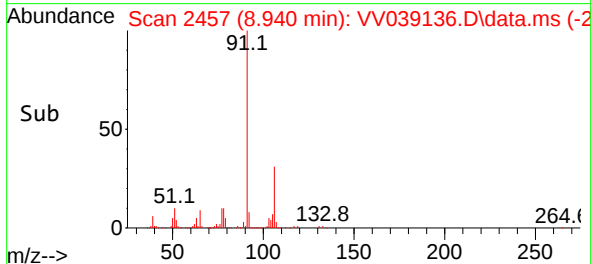
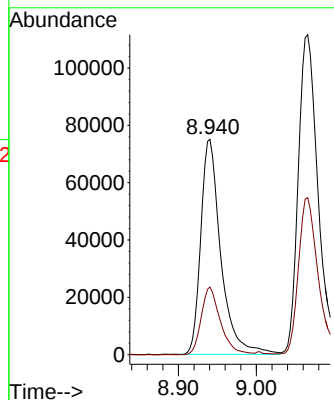
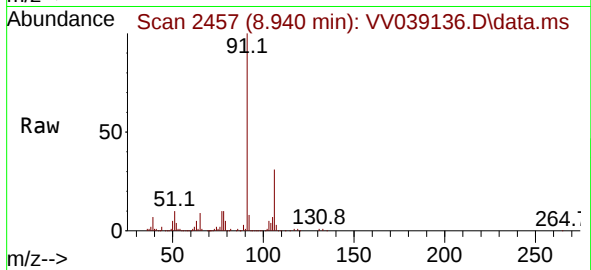




#67
Ethyl Benzene
Concen: 4.267 ug/l
RT: 8.940 min Scan# 2455
Delta R.T. 0.006 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

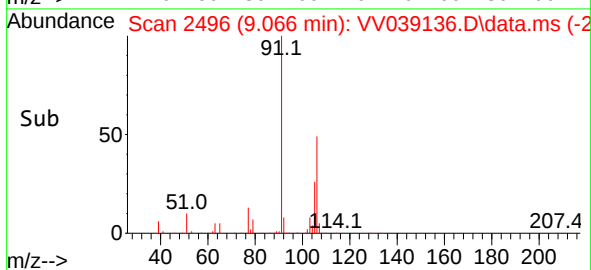
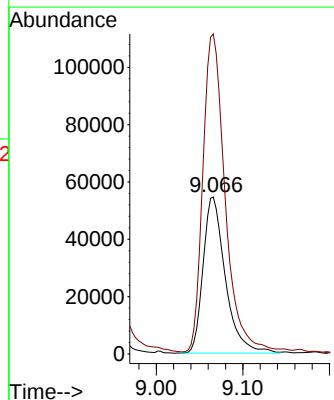
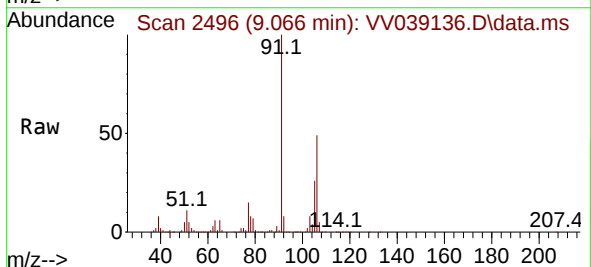
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

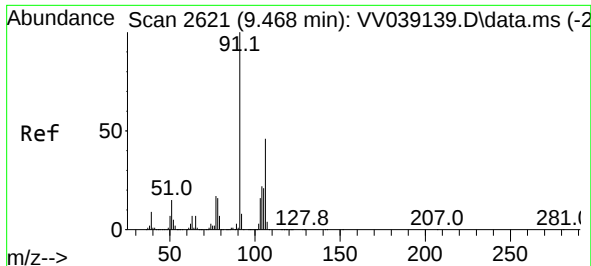
Tgt Ion: 91 Resp: 134392
Ion Ratio Lower Upper
91 100
106 31.5 24.6 37.0



#68
m/p-Xylenes
Concen: 8.017 ug/l
RT: 9.066 min Scan# 2496
Delta R.T. 0.007 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion:106 Resp: 97448
Ion Ratio Lower Upper
106 100
91 203.3 162.5 243.7

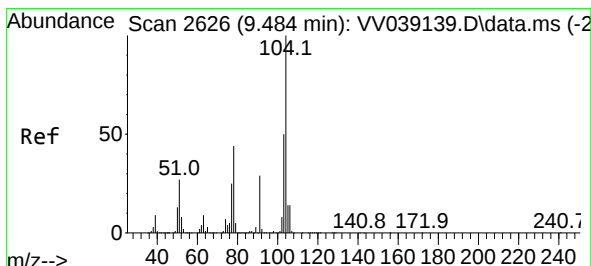
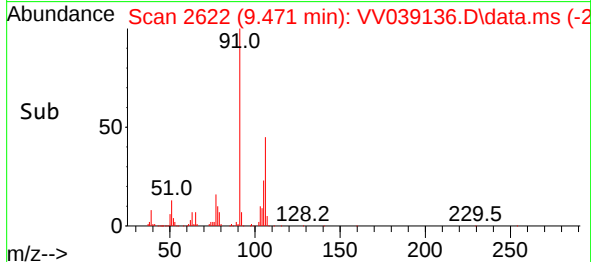
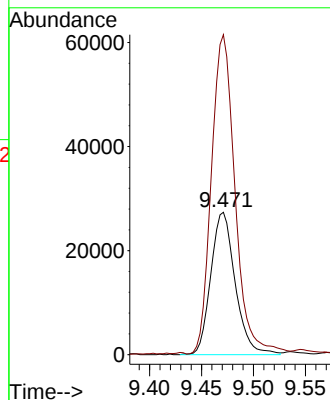
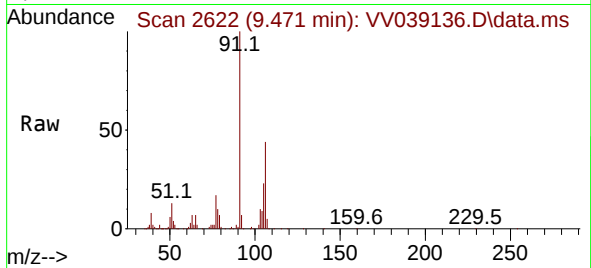




#69
o-Xylene
Concen: 4.158 ug/l
RT: 9.471 min Scan# 2621
Delta R.T. 0.003 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

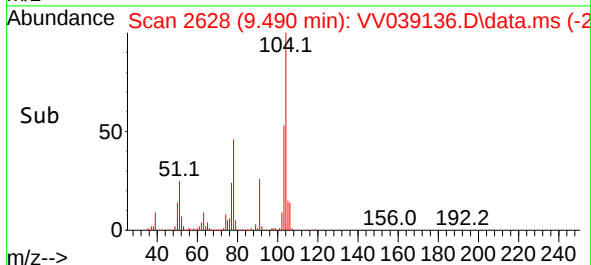
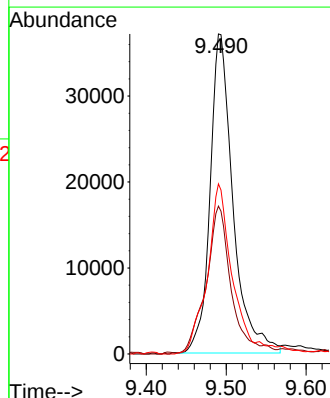
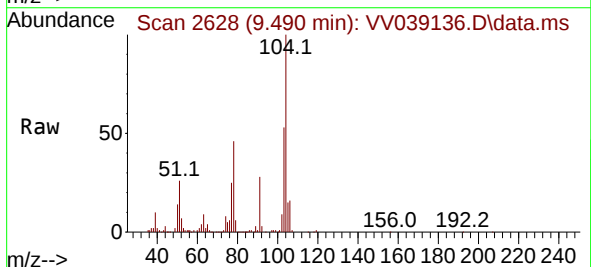
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

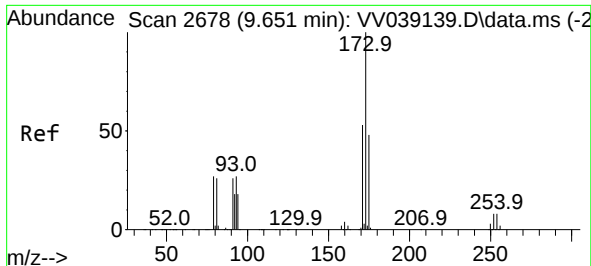
Tgt Ion:106 Resp: 44751
Ion Ratio Lower Upper
106 100
91 217.6 109.1 327.3



#70
Styrene
Concen: 4.689 ug/l
RT: 9.490 min Scan# 2628
Delta R.T. 0.006 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion:104 Resp: 74093
Ion Ratio Lower Upper
104 100
78 49.0 39.8 59.6
103 56.0 43.4 65.2

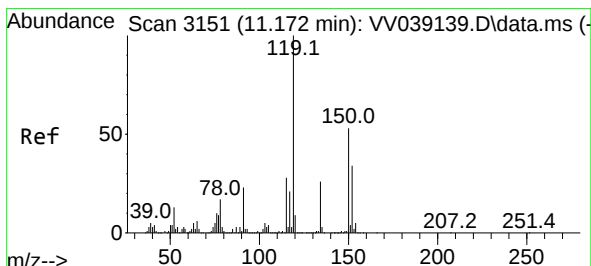
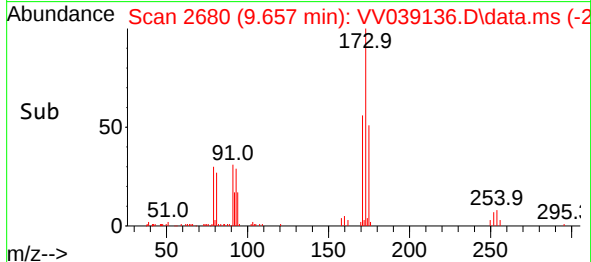
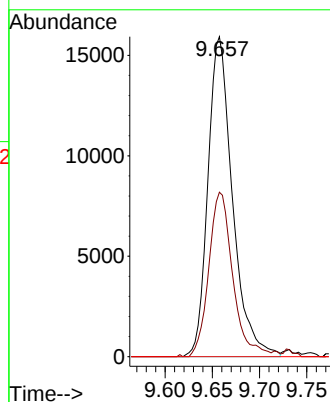
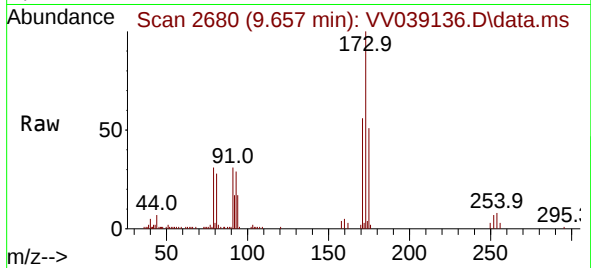




#71
Bromoform
Concen: 4.900 ug/l
RT: 9.657 min Scan# 2680
Delta R.T. 0.006 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

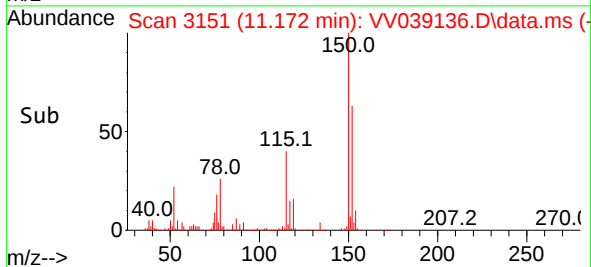
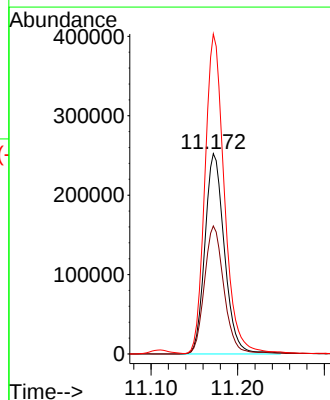
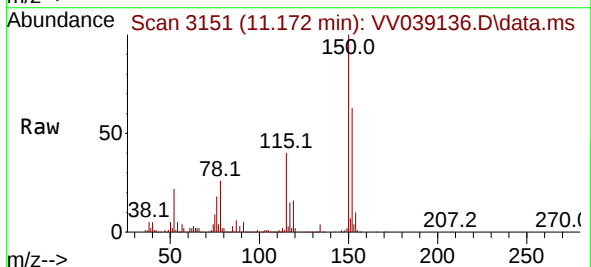
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

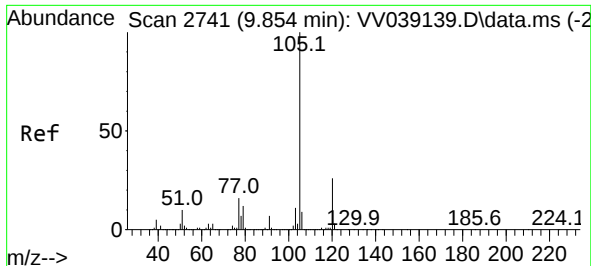
Tgt Ion:173 Resp: 28772
Ion Ratio Lower Upper
173 100
175 50.0 23.9 71.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. -0.000 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion:152 Resp: 395080
Ion Ratio Lower Upper
152 100
115 64.2 44.8 134.4
150 158.5 0.0 353.8

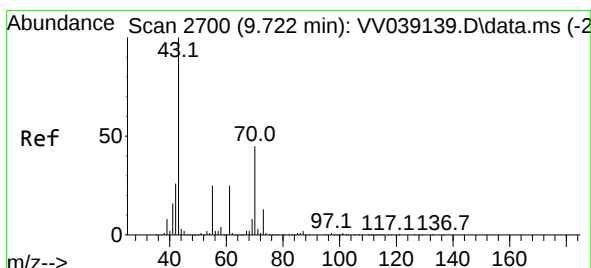
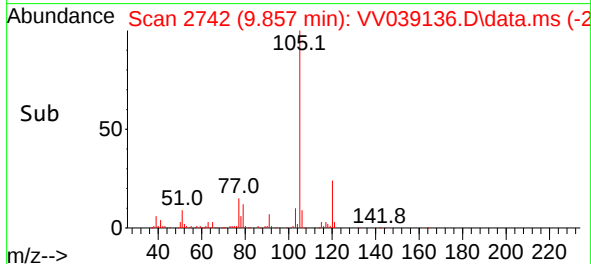
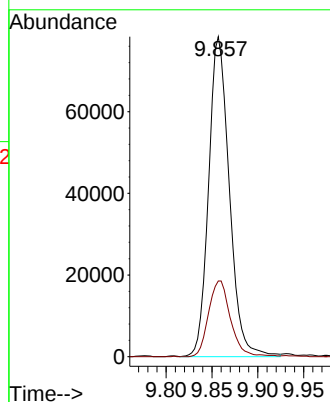
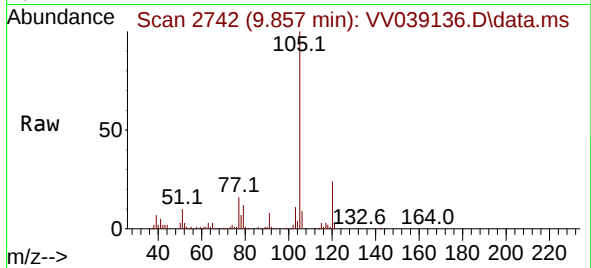




#73
Isopropylbenzene
Concen: 4.304 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

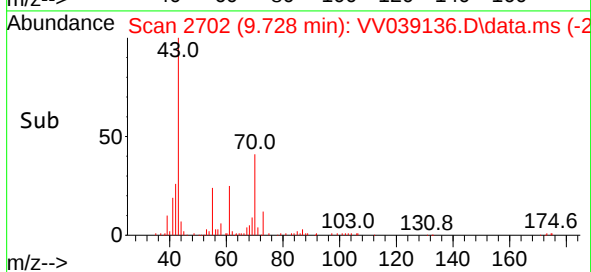
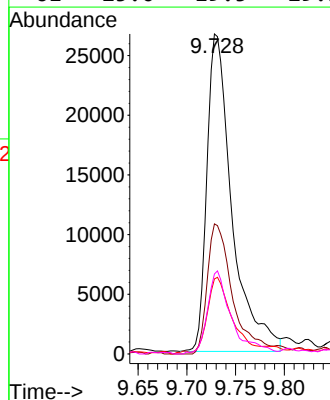
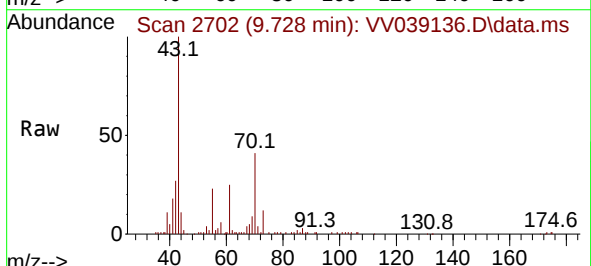
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

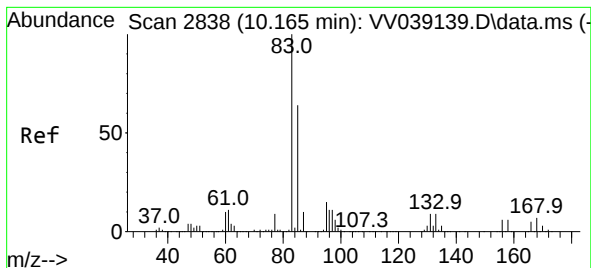
Tgt Ion:105 Resp: 123323
Ion Ratio Lower Upper
105 100
120 25.2 13.1 39.1



#74
N-ethyl acetate
Concen: 4.167 ug/l
RT: 9.728 min Scan# 2702
Delta R.T. 0.006 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 43 Resp: 47627
Ion Ratio Lower Upper
43 100
70 41.4 35.4 53.0
55 23.8 20.6 30.8
61 25.0 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 5.449 ug/l

RT: 10.169 min Scan# 2839

Delta R.T. 0.003 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

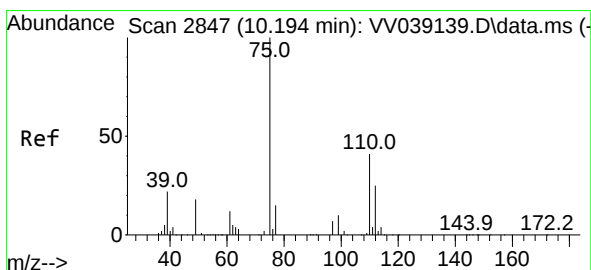
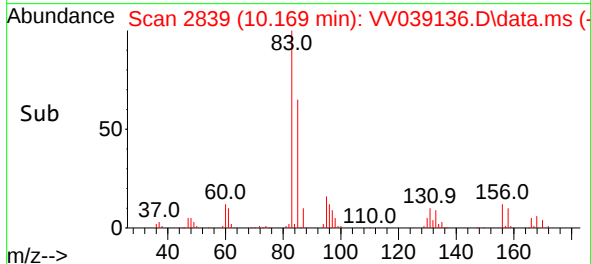
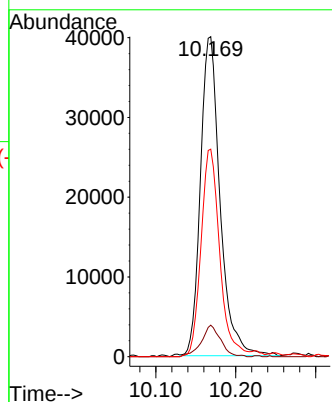
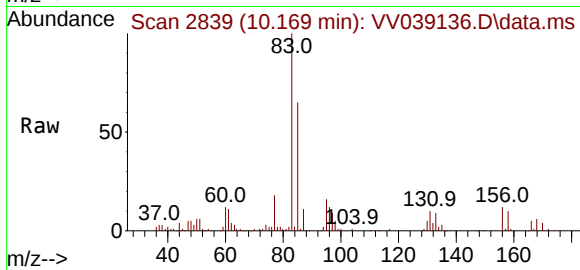
Tgt Ion: 83 Resp: 68412

Ion Ratio Lower Upper

83 100

131 9.7 4.5 13.7

85 61.8 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 5.178 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.003 min

Lab File: VV039136.D

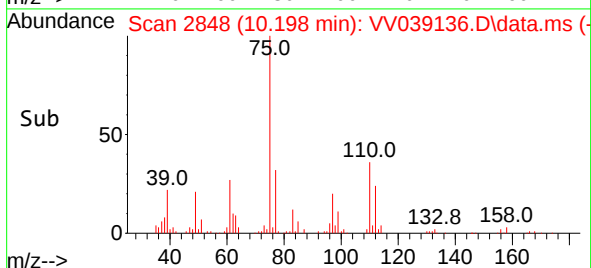
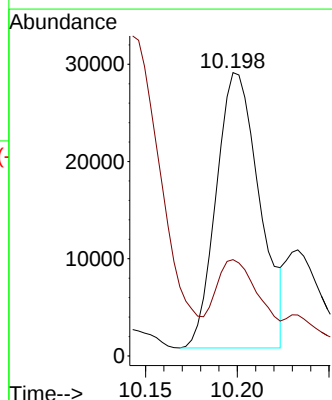
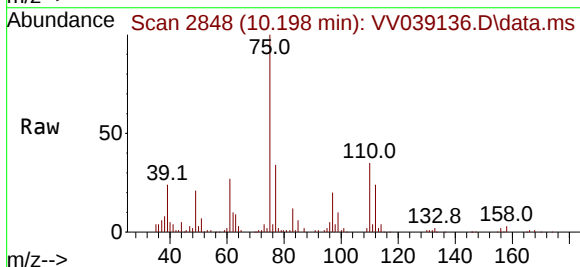
Acq: 22 Sep 2025 11:30

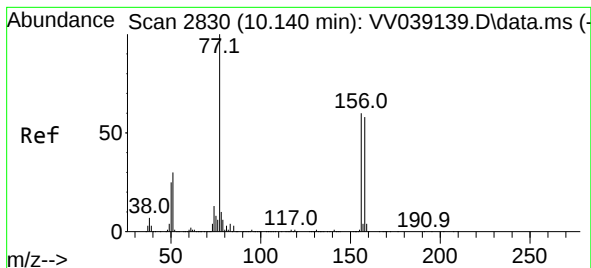
Tgt Ion: 75 Resp: 46575

Ion Ratio Lower Upper

75 100

77 21.3 11.3 33.8





#77

Bromobenzene

Concen: 4.638 ug/l

RT: 10.146 min Scan# 2832

Delta R.T. 0.006 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

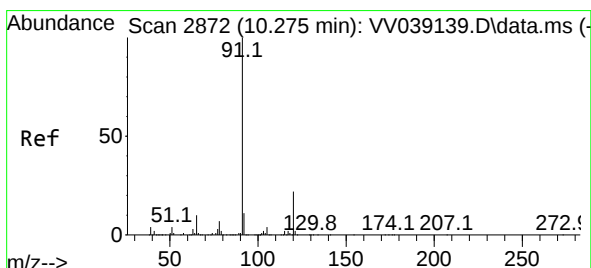
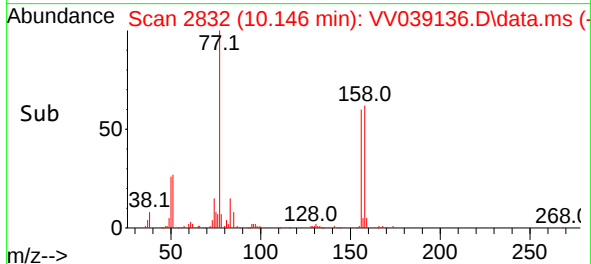
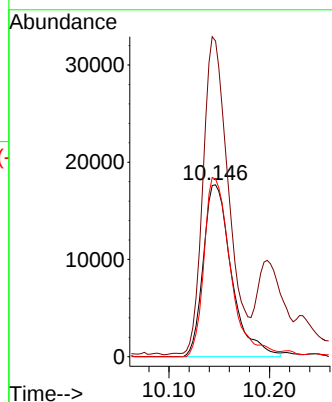
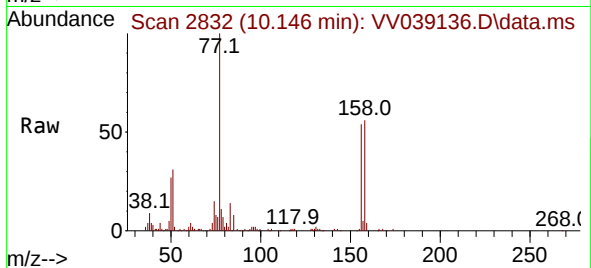
Tgt Ion:156 Resp: 34485

Ion Ratio Lower Upper

156 100

77 167.6 83.4 250.1

158 98.5 48.8 146.4



#78

n-propylbenzene

Concen: 4.147 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039136.D

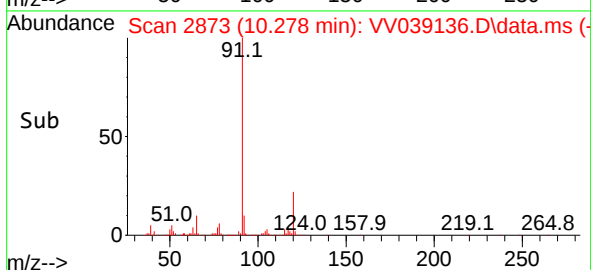
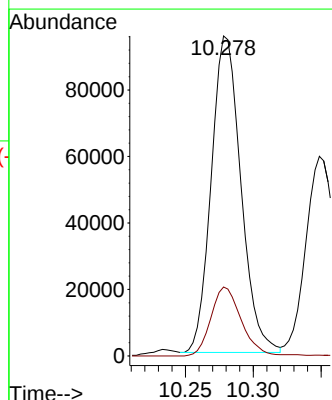
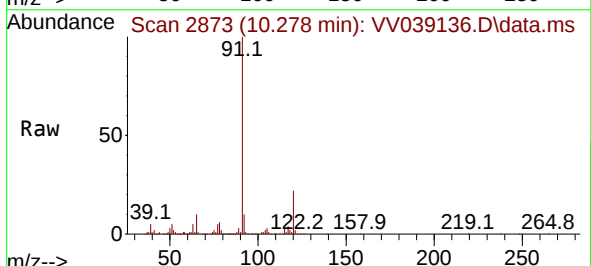
Acq: 22 Sep 2025 11:30

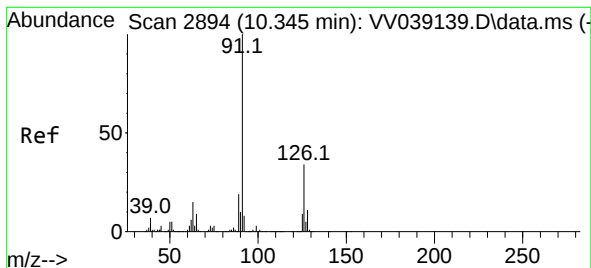
Tgt Ion: 91 Resp: 144704

Ion Ratio Lower Upper

91 100

120 22.5 11.1 33.3





#79

2-Chlorotoluene

Concen: 4.758 ug/l

RT: 10.349 min Scan# 2894

Delta R.T. 0.003 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

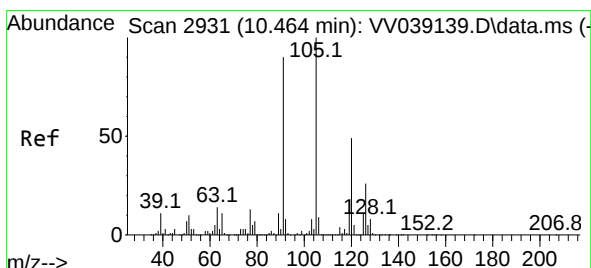
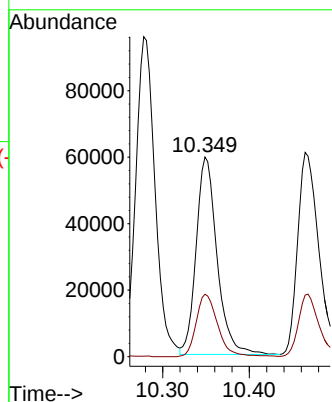
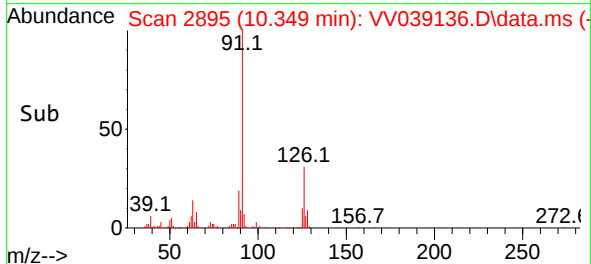
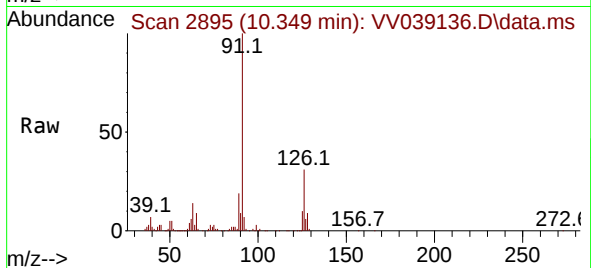
VSTDIC005

Tgt Ion: 91 Resp: 99353

Ion Ratio Lower Upper

91 100

126 32.8 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 4.107 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV039136.D

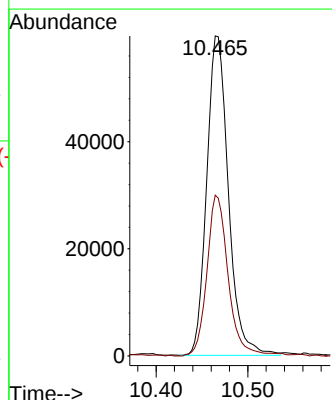
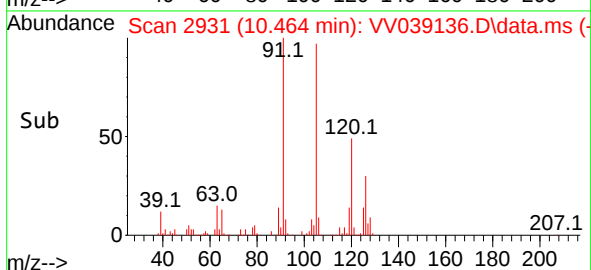
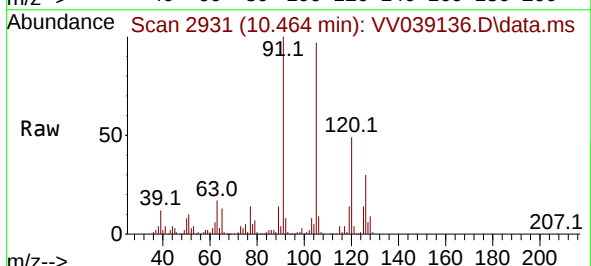
Acq: 22 Sep 2025 11:30

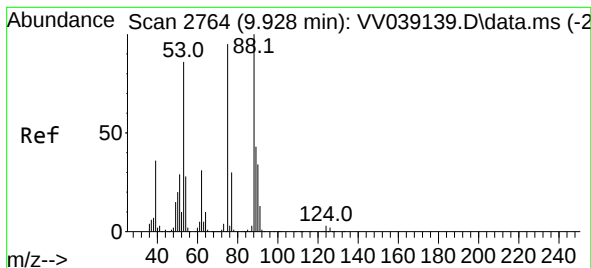
Tgt Ion: 105 Resp: 97816

Ion Ratio Lower Upper

105 100

120 49.7 24.3 72.8

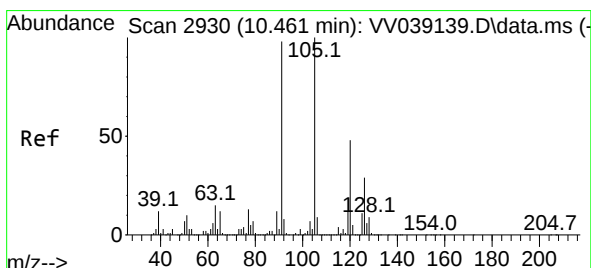
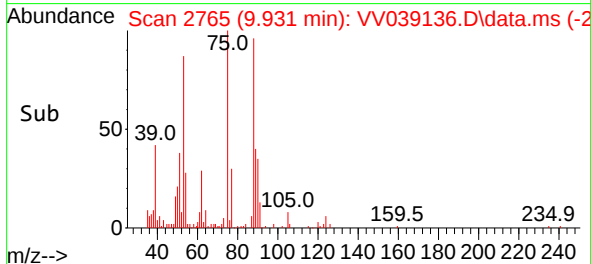
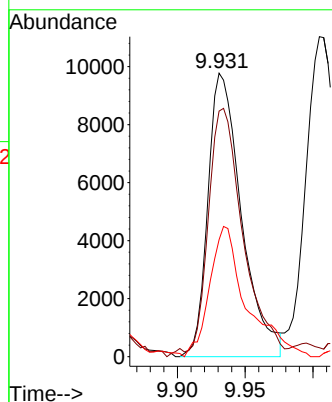
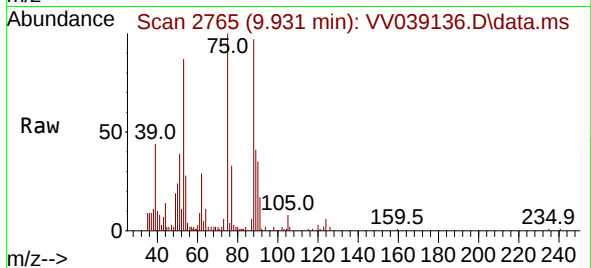




#81
trans-1,4-Dichloro-2-butene
Concen: 4.497 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

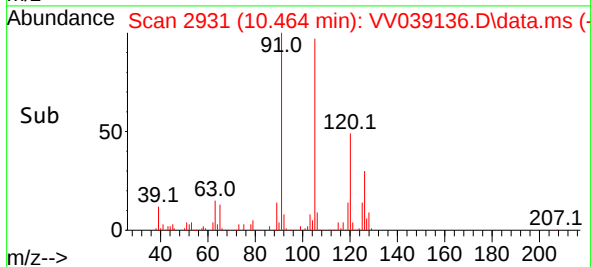
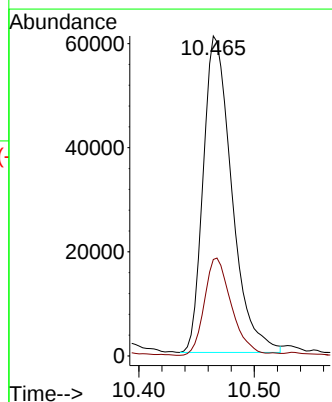
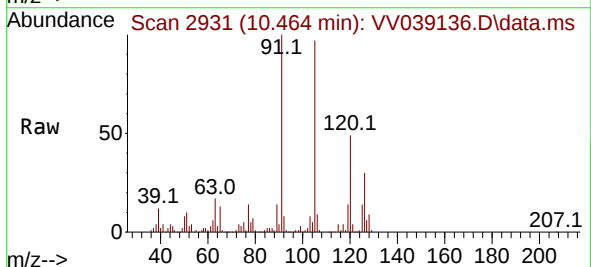
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

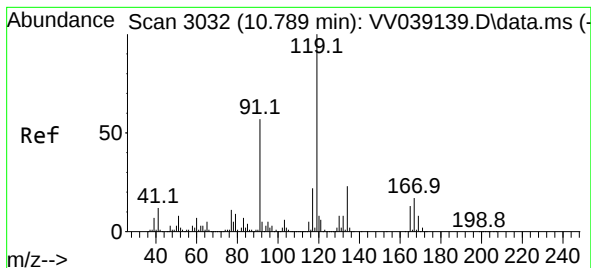
Tgt Ion: 75 Resp: 16850
Ion Ratio Lower Upper
75 100
53 91.5 72.5 108.7
89 50.5 37.2 55.8



#82
4-Chlorotoluene
Concen: 4.312 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 91 Resp: 104412
Ion Ratio Lower Upper
91 100
126 29.3 14.5 43.6





#83

tert-Butylbenzene

Concen: 4.487 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

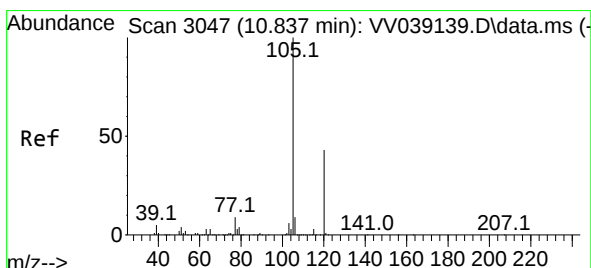
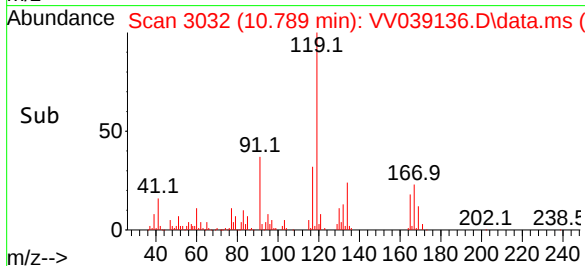
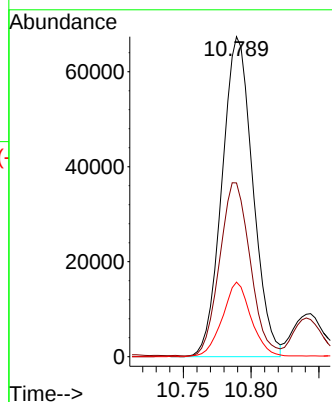
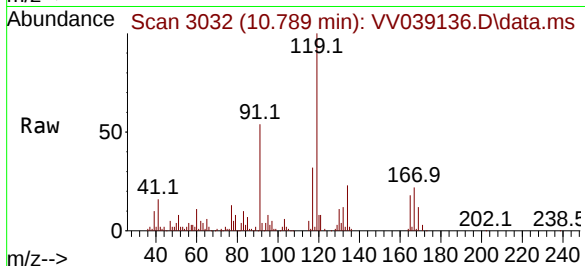
Tgt Ion:119 Resp: 106561

Ion Ratio Lower Upper

119 100

91 53.7 28.5 85.6

134 22.0 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 4.142 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039136.D

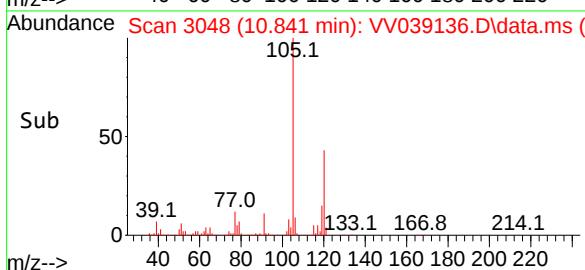
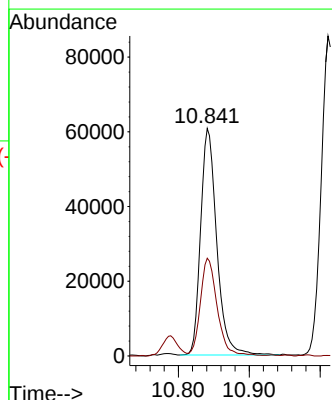
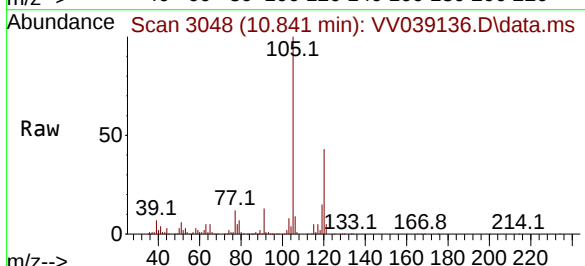
Acq: 22 Sep 2025 11:30

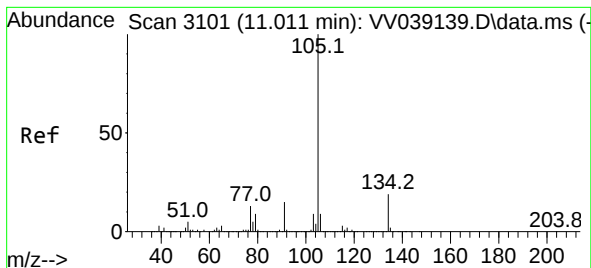
Tgt Ion:105 Resp: 95780

Ion Ratio Lower Upper

105 100

120 44.5 22.4 67.2





#85

sec-Butylbenzene

Concen: 4.233 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

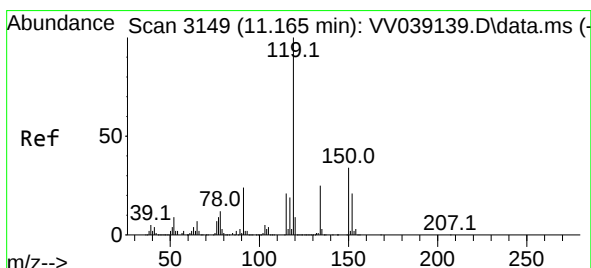
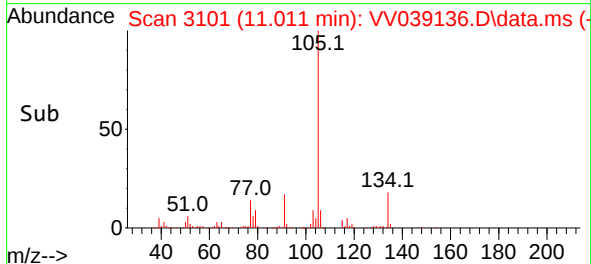
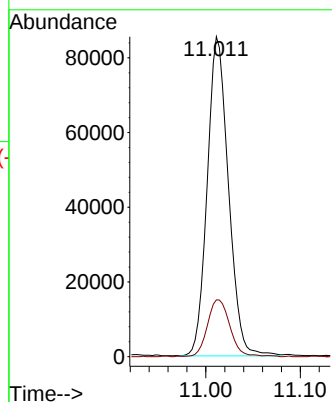
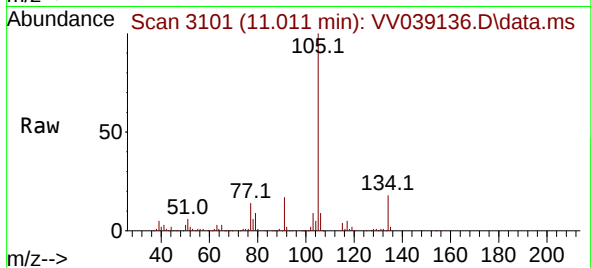
VSTDIC005

Tgt Ion:105 Resp: 133360

Ion Ratio Lower Upper

105 100

134 18.9 9.6 28.8



#86

p-Isopropyltoluene

Concen: 4.272 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

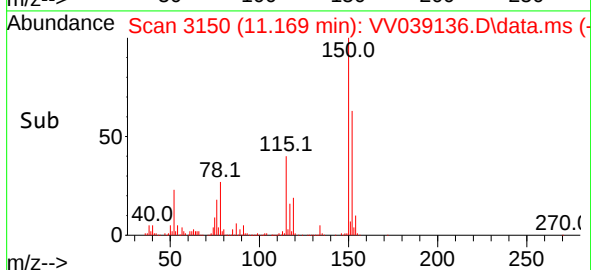
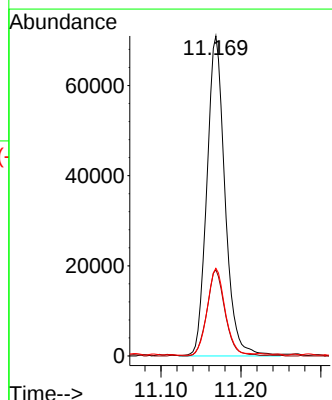
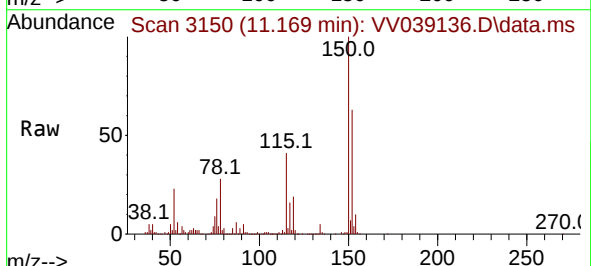
Tgt Ion:119 Resp: 112019

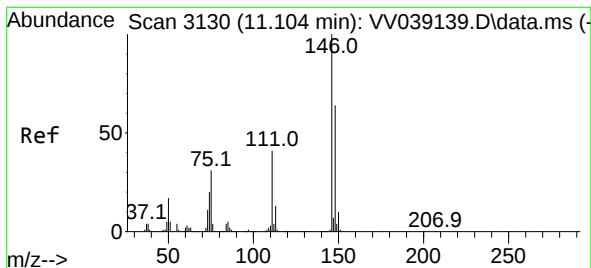
Ion Ratio Lower Upper

119 100

134 26.8 12.7 38.0

91 26.9 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 4.884 ug/l

RT: 11.108 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

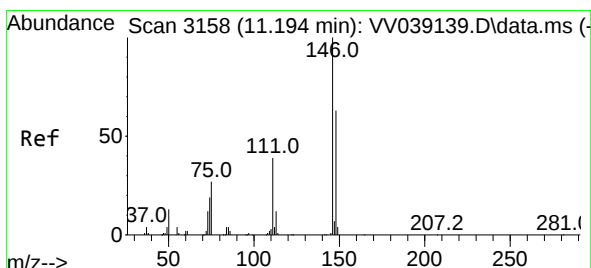
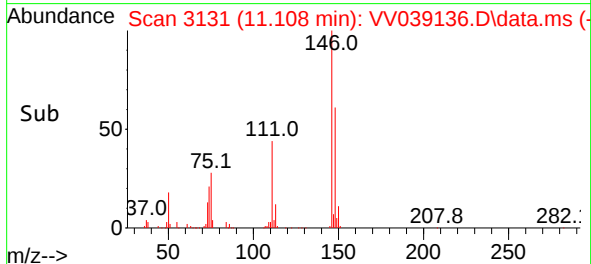
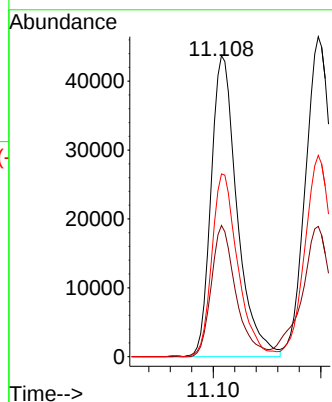
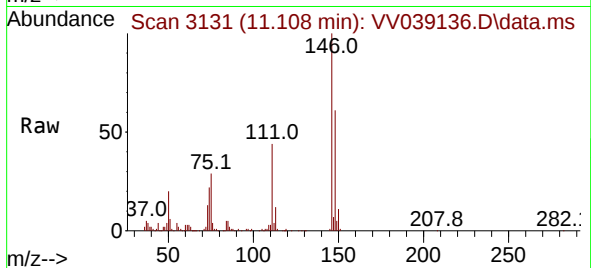
Tgt Ion:146 Resp: 73492

Ion Ratio Lower Upper

146 100

111 41.4 20.9 62.8

148 60.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 5.001 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.003 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

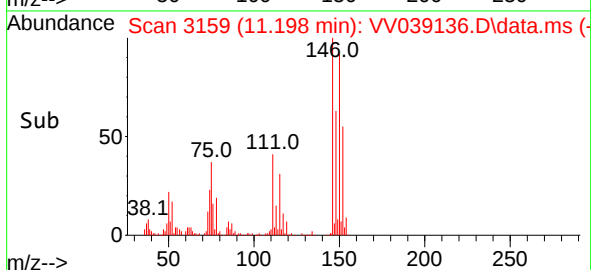
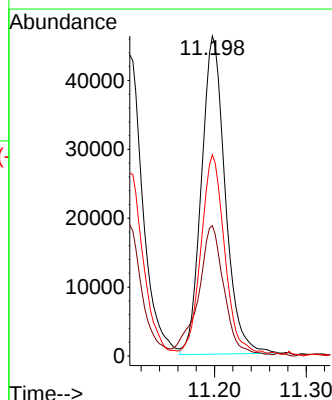
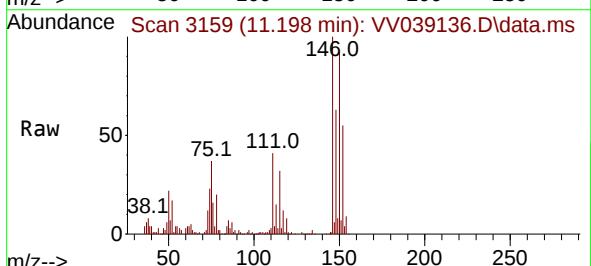
Tgt Ion:146 Resp: 83164

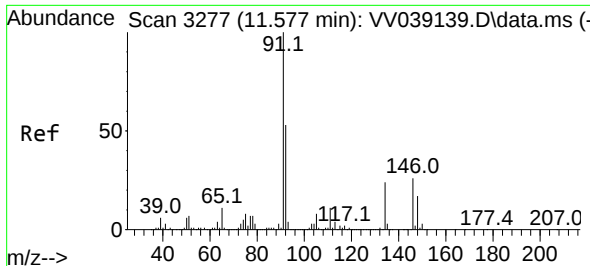
Ion Ratio Lower Upper

146 100

111 44.1 20.3 60.8

148 62.1 31.4 94.2

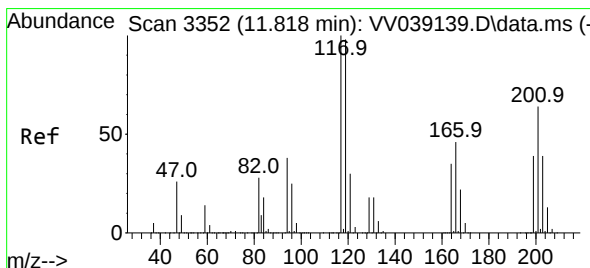
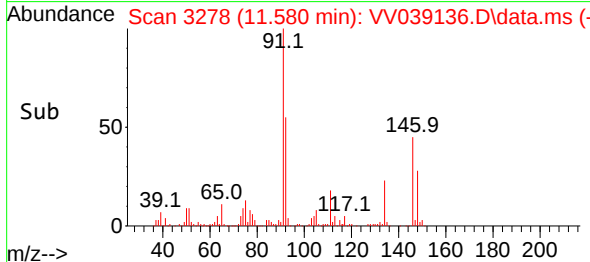
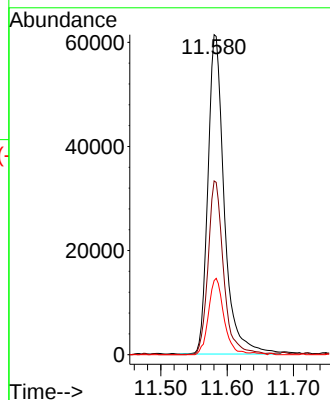
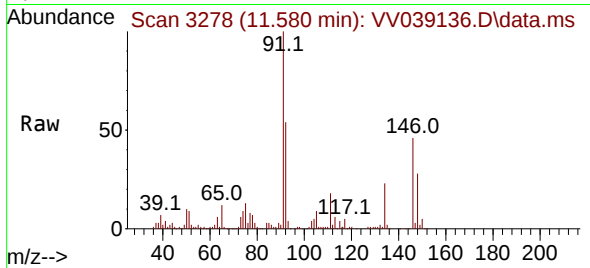




#89
n-Butylbenzene
Concen: 4.195 ug/l
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

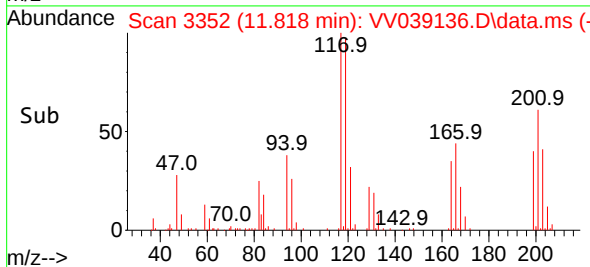
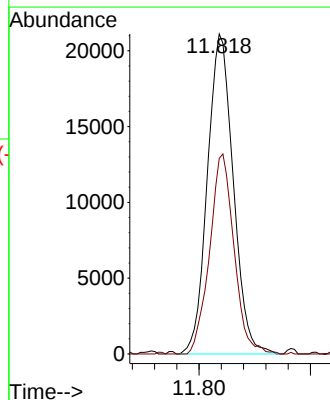
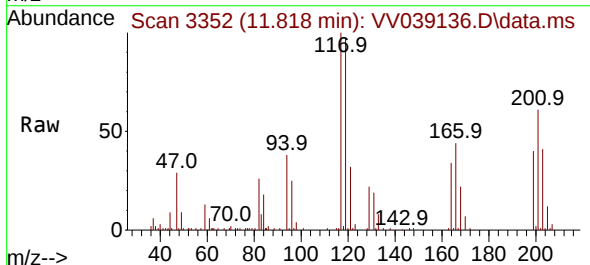
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

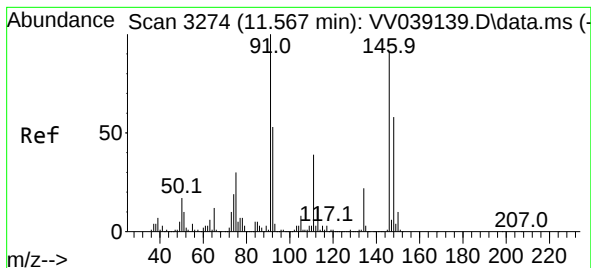
Tgt Ion: 91 Resp: 105049
Ion Ratio Lower Upper
91 100
92 51.8 26.6 79.8
134 22.6 12.1 36.3



#90
Hexachloroethane
Concen: 5.268 ug/l
RT: 11.818 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VV039136.D
Acq: 22 Sep 2025 11:30

Tgt Ion: 117 Resp: 34013
Ion Ratio Lower Upper
117 100
201 59.0 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 4.962 ug/l

RT: 11.571 min Scan# 31

Delta R.T. 0.004 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

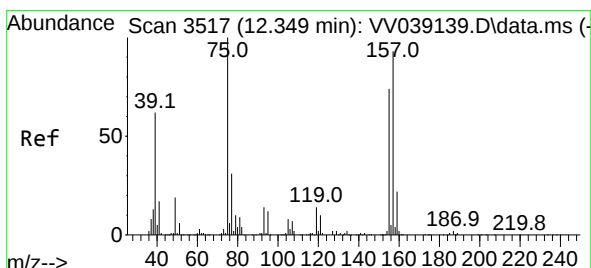
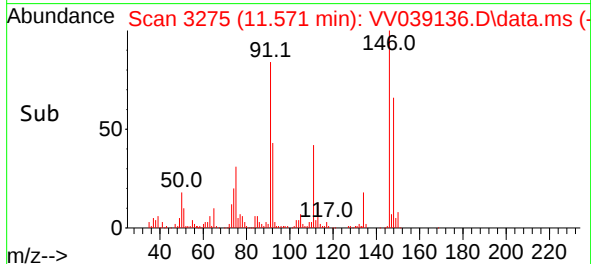
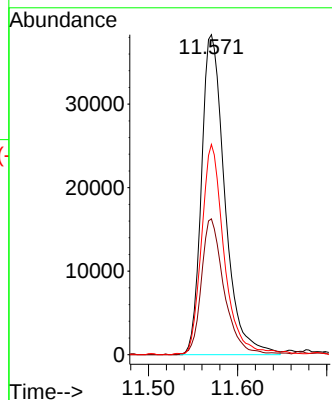
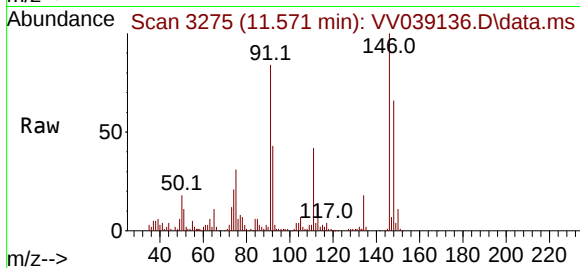
Tgt Ion:146 Resp: 69749

Ion Ratio Lower Upper

146 100

111 41.5 21.5 64.5

148 63.8 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.758 ug/l

RT: 12.355 min Scan# 3519

Delta R.T. 0.006 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

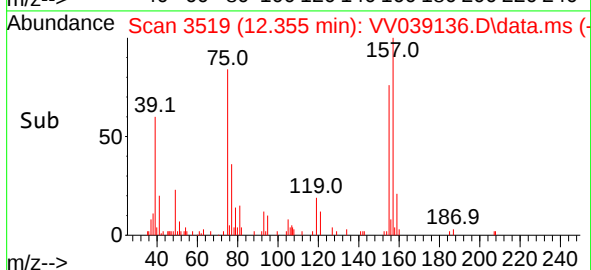
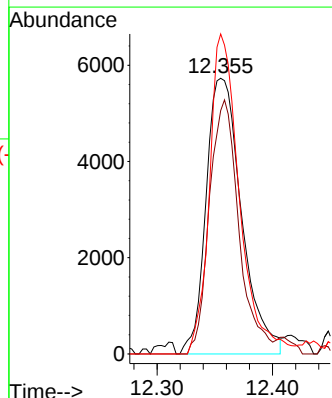
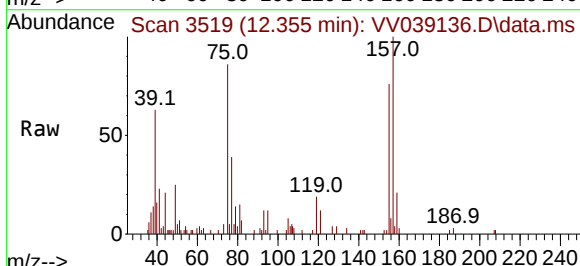
Tgt Ion: 75 Resp: 12206

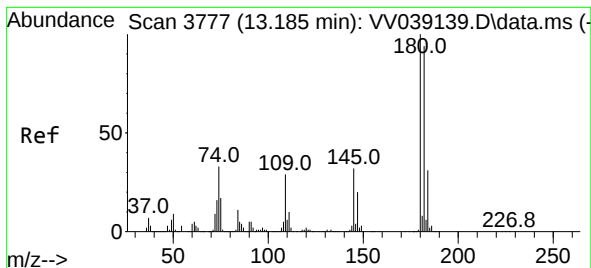
Ion Ratio Lower Upper

75 100

155 76.8 38.6 115.8

157 98.4 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 4.368 ug/l

RT: 13.188 min Scan# 3777

Delta R.T. 0.003 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

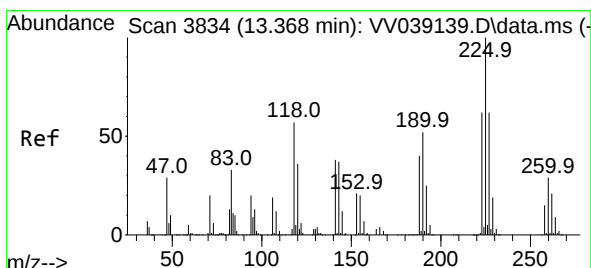
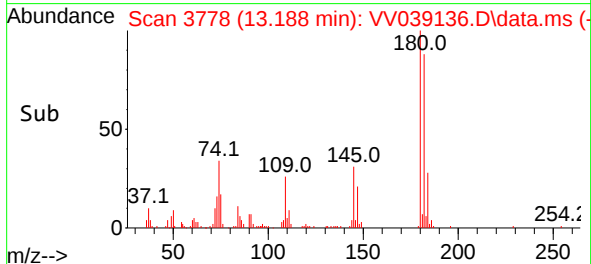
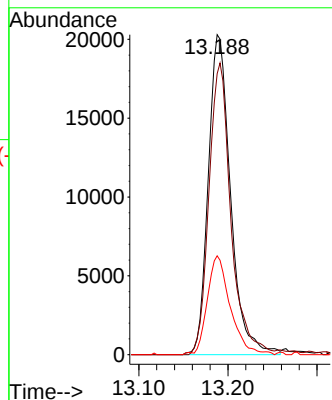
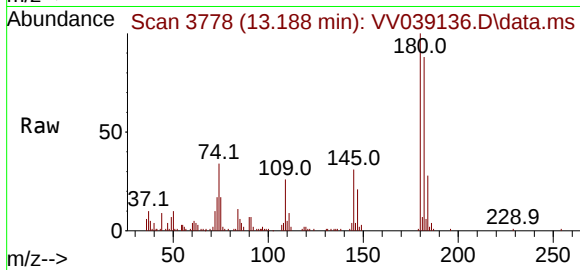
Tgt Ion:180 Resp: 35200

Ion Ratio Lower Upper

180 100

182 89.7 47.1 141.4

145 31.9 16.3 48.8



#94

Hexachlorobutadiene

Concen: 5.077 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

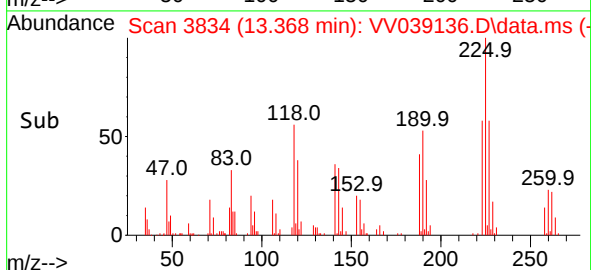
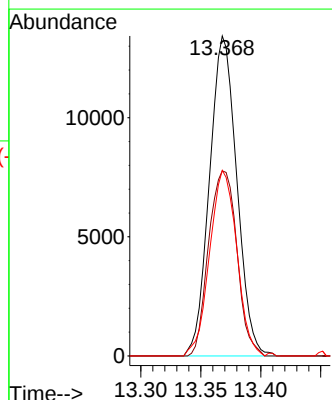
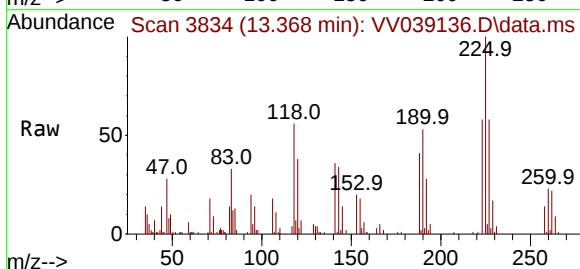
Tgt Ion:225 Resp: 21257

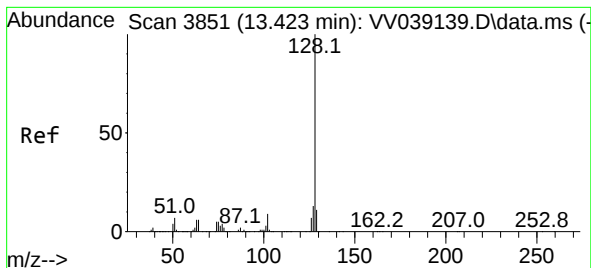
Ion Ratio Lower Upper

225 100

223 59.8 31.6 94.7

227 57.5 31.8 95.4





#95

Naphthalene

Concen: 3.832 ug/l

RT: 13.429 min Scan# 3851

Delta R.T. 0.006 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

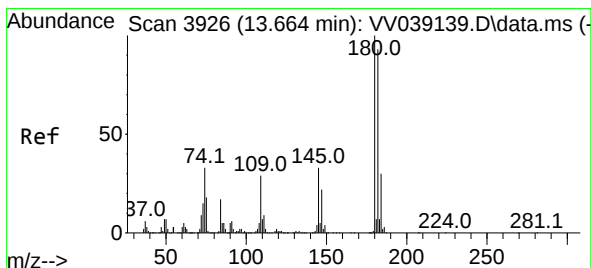
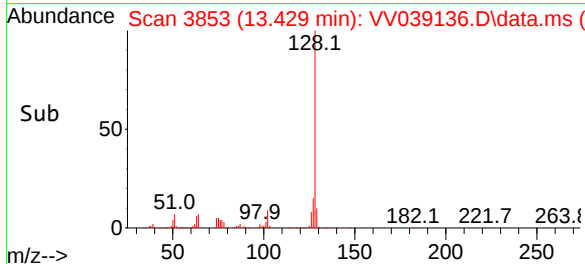
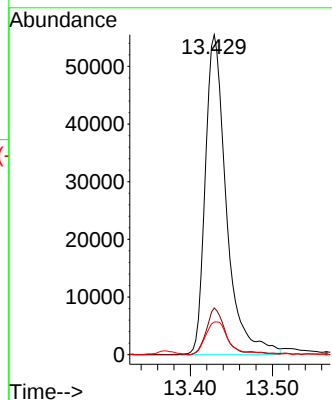
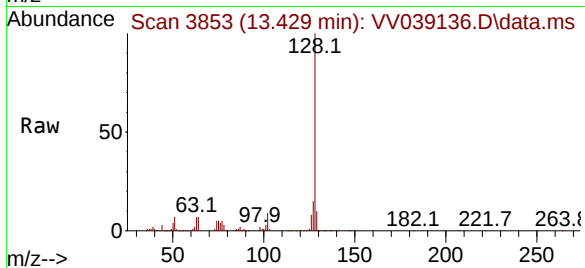
Tgt Ion:128 Resp: 99311

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.369 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV039136.D

Acq: 22 Sep 2025 11:30

Tgt Ion:180 Resp: 36012

Ion Ratio Lower Upper

180 100

182 89.0 46.9 140.8

145 33.3 17.0 51.0

