

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
 Data File : VV039164.D
 Acq On : 24 Sep 2025 19:37
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Quant Time: Sep 25 08:23:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.651	168	361	50.000	ug/l	# 0.05
34) 1,4-Difluorobenzene	5.593	114	706	50.000	ug/l	0.06
63) Chlorobenzene-d5	8.802	117	2800	50.000	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	11.201	152	3124	50.000	ug/l	0.03

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.018	65	613	117.326	ug/l	0.08
Spiked Amount	50.000	Range	81 - 118	Recovery	= 234.660%#	
35) Dibromofluoromethane	4.532	113	339	59.729	ug/l	0.04
Spiked Amount	50.000	Range	80 - 119	Recovery	= 119.460%#	
50) Toluene-d8	7.317	98	704	42.233	ug/l	0.08
Spiked Amount	50.000	Range	89 - 112	Recovery	= 84.460%#	
62) 4-Bromofluorobenzene	10.111	95	313	45.611	ug/l	0.11
Spiked Amount	50.000	Range	85 - 114	Recovery	= 91.220%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.114	85	21	3.675	ug/l #	43
3) Chloromethane	1.233	50	359	58.519	ug/l #	42
4) Vinyl Chloride	1.323	62	163	24.818	ug/l #	1
5) Bromomethane	1.507	94	130	31.399	ug/l #	3
6) Chloroethane	1.658	64	1868	Below Cal	#	44
7) Trichlorofluoromethane	1.690	101	59	6.205	ug/l #	18
8) Diethyl Ether	2.047	74	313	88.669	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.134	101	116	20.503	ug/l #	31
10) Methyl Iodide	2.224	142	166	30.810	ug/l #	46
11) Tert butyl alcohol	2.584	59	252	228.206	ug/l #	1
12) 1,1-Dichloroethene	2.105	96	40	7.349	ug/l #	16
13) Acrolein	2.040	56	342	1784.847	ug/l #	50
14) Allyl chloride	2.388	41	182	18.719	ug/l #	47
15) Acrylonitrile	2.690	53	525	148.309	ug/l #	92
16) Acetone	2.127	43	916	287.164	ug/l #	86
17) Carbon Disulfide	2.262	76	1099	66.022	ug/l #	16
18) Methyl Acetate	2.423	43	60	7.751	ug/l #	1
19) Methyl tert-butyl Ether	2.728	73	340	19.603	ug/l #	53
20) Methylene Chloride	2.458	84	5518	Below Cal		93
21) trans-1,2-Dichloroethene	2.706	96	431	74.382	ug/l #	72
22) Diisopropyl ether	3.243	45	205	11.020	ug/l #	61
23) Vinyl Acetate	3.220	43	70	4.302	ug/l #	72
24) 1,1-Dichloroethane	3.153	63	238	20.922	ug/l #	44
25) 2-Butanone	3.918	43	277	66.208	ug/l #	49
26) 2,2-Dichloropropane	3.854	77	192	19.035	ug/l #	52
27) cis-1,2-Dichloroethene	3.851	96	442	69.164	ug/l	36
28) Bromochloromethane	4.198	49	21	4.182	ug/l #	66
29) Tetrahydrofuran	4.269	42	226	86.301	ug/l #	38
30) Chloroform	4.269	83	21	1.768	ug/l #	42
31) Cyclohexane	4.658	56	48	5.151	ug/l #	6
32) 1,1,1-Trichloroethane	4.516	97	46	4.473	ug/l #	1
36) 1,1-Dichloropropene	4.799	75	56	6.526	ug/l #	32
37) Ethyl Acetate	4.011	43	233	22.377	ug/l #	69
38) Carbon Tetrachloride	4.597	117	42	4.005	ug/l #	12
39) Methylcyclohexane	6.076	83	21	2.026	ug/l #	1
40) Benzene	5.047	78	99	3.543	ug/l #	38

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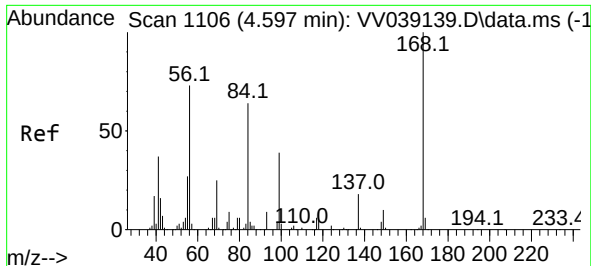
Quant Time: Sep 25 08:23:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	4.201	41	93	20.910	ug/l	#	1
42) 1,2-Dichloroethane	5.092	62	118	12.052	ug/l	#	25
43) Isopropyl Acetate	5.233	43	161	11.340	ug/l	#	76
44) Trichloroethene	5.908	130	356	55.211	ug/l		1
45) 1,2-Dichloropropane	6.207	63	21	3.024	ug/l	#	45
46) Dibromomethane	6.269	93	49	9.218	ug/l	#	7
47) Bromodichloromethane	6.523	83	44	4.004	ug/l	#	26
48) Methyl methacrylate	6.375	41	276	42.886	ug/l	#	39
49) 1,4-Dioxane	6.574	88	72	693.263	ug/l	#	1
51) 4-Methyl-2-Pentanone	7.320	43	121	12.955	ug/l		96
52) Toluene	7.223	92	86	5.308	ug/l	#	1
53) t-1,3-Dichloropropene	7.748	75	73	7.622	ug/l	#	42
54) cis-1,3-Dichloropropene	7.021	75	89	8.418	ug/l	#	40
55) 1,1,2-Trichloroethane	7.960	97	78	10.737	ug/l	#	14
56) Ethyl methacrylate	7.805	69	82	9.505	ug/l	#	65
57) 1,3-Dichloropropane	7.963	76	22	1.919	ug/l	#	1
58) 2-Chloroethyl Vinyl ether	6.854	63	72	23.834	ug/l	#	47
59) 2-Hexanone	8.268	43	142	20.985	ug/l		63
60) Dibromochloromethane	8.310	129	48	5.799	ug/l	#	10
61) 1,2-Dibromoethane	8.262	107	20	2.692	ug/l	#	3
64) Tetrachloroethene	8.175	164	24	1.023	ug/l	#	1
65) Chlorobenzene	8.825	112	20261	259.783	ug/l		98
66) 1,1,1,2-Tetrachloroethane	8.953	131	67	2.378	ug/l	#	8
67) Ethyl Benzene	8.918	91	92	0.779	ug/l	#	44
68) m/p-Xylenes	9.095	106	1419	31.142	ug/l	#	72
69) o-Xylene	9.487	106	43	1.066	ug/l		75
70) Styrene	9.616	104	43	2.046	ug/l		94
74) N-amyl acetate	9.738	43	188	2.080	ug/l	#	62
75) 1,1,2,2-Tetrachloroethane	10.310	83	74	0.745	ug/l	#	25
76) 1,2,3-Trichloropropane	10.191	75	41	0.576	ug/l	#	1
77) Bromobenzene	10.075	156	45	0.765	ug/l	#	2
78) n-propylbenzene	10.310	91	344	1.247	ug/l	#	74
79) 2-Chlorotoluene	10.310	91	344	2.084	ug/l		84
80) 1,3,5-Trimethylbenzene	10.477	105	542	2.878	ug/l	#	52
81) trans-1,4-Dichloro-2-b...	9.989	75	21	0.709	ug/l	#	13
82) 4-Chlorotoluene	10.310	91	344	1.797	ug/l		91
83) tert-Butylbenzene	10.606	119	83	0.442	ug/l		90
84) 1,2,4-Trimethylbenzene	10.863	105	1301	7.115	ug/l		83
85) sec-Butylbenzene	11.008	105	94	0.377	ug/l	#	58
86) p-Isopropyltoluene	11.162	119	57	0.275	ug/l	#	68
87) 1,3-Dichlorobenzene	11.143	146	47	0.395	ug/l	#	52
88) 1,4-Dichlorobenzene	11.220	146	209	1.601	ug/l	#	67
89) n-Butylbenzene	11.548	91	88	0.444	ug/l	#	33
90) Hexachloroethane	11.847	117	102	1.998	ug/l	#	18
91) 1,2-Dichlorobenzene	11.545	146	73	0.657	ug/l	#	24
92) 1,2-Dibromo-3-Chloropr...	12.342	75	107	5.393	ug/l	#	5
93) 1,2,4-Trichlorobenzene	13.217	180	50	0.785	ug/l	#	13
95) Naphthalene	13.458	128	206	1.000	ug/l	#	69
96) 1,2,3-Trichlorobenzene	13.699	180	71	1.089	ug/l	#	13

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
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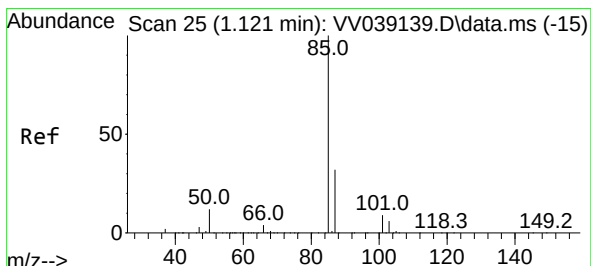
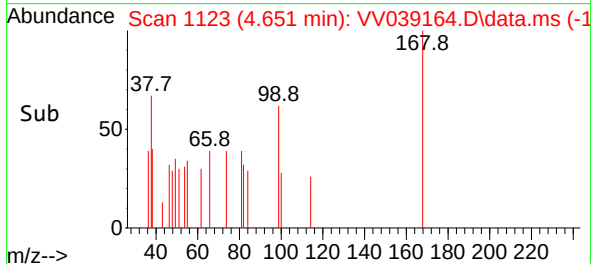
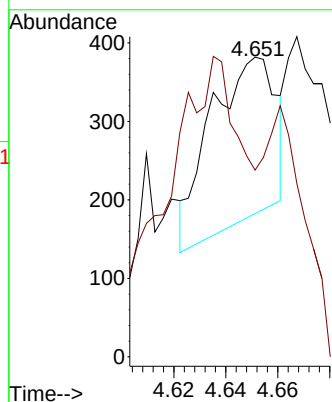
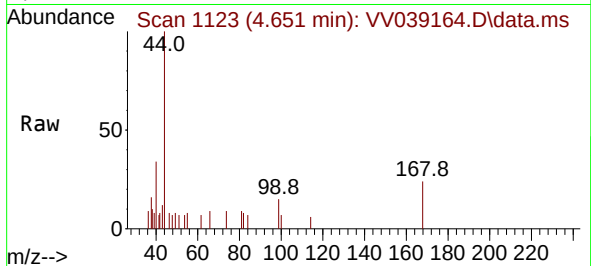
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.651 min Scan# 11
Delta R.T. 0.054 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

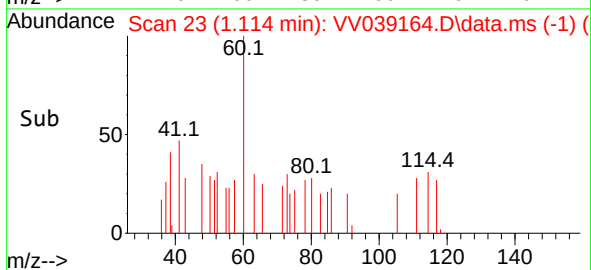
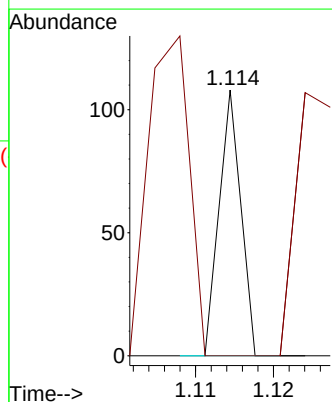
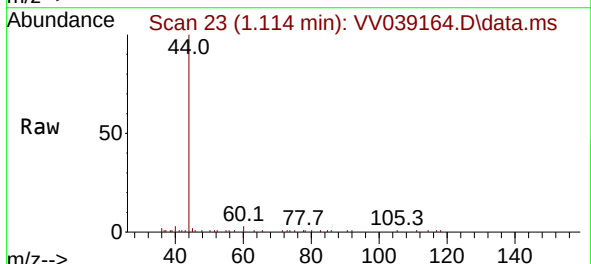
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MSVOA_V
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VIBLK

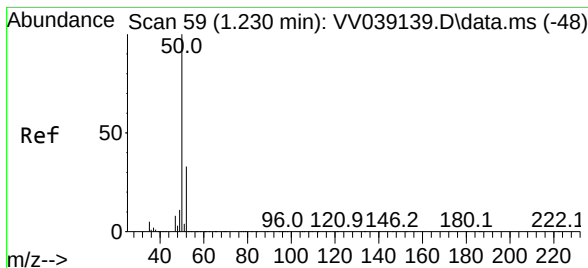
Tgt Ion:168 Resp: 361
Ion Ratio Lower Upper
168 100
99 0.0 49.6 74.4#



#2
Dichlorodifluoromethane
Concen: 3.675 ug/l
RT: 1.114 min Scan# 23
Delta R.T. -0.006 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 85 Resp: 21
Ion Ratio Lower Upper
85 100
87 0.0 16.0 47.9#





#3

Chloromethane

Concen: 58.519 ug/l

RT: 1.233 min Scan# 60

Delta R.T. 0.003 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

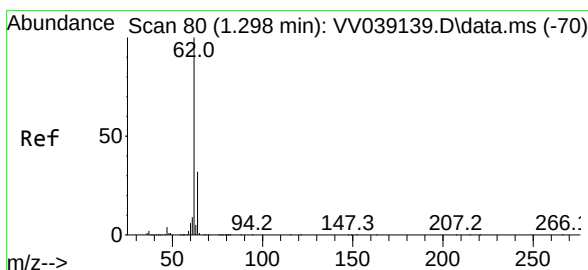
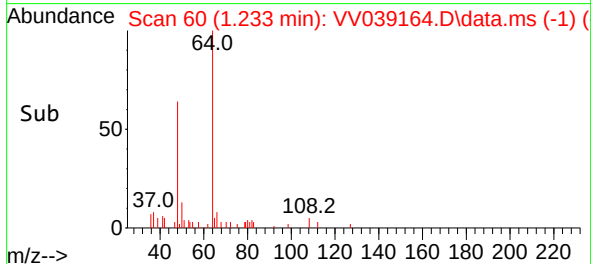
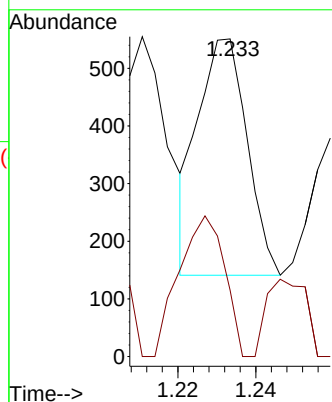
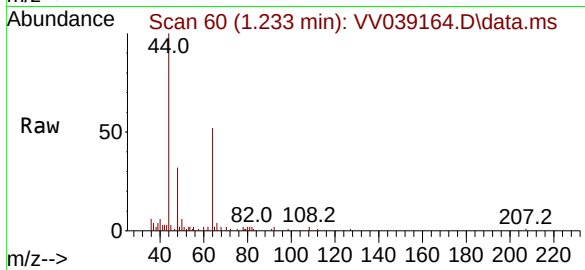
VIBLK

Tgt Ion: 50 Resp: 359

Ion Ratio Lower Upper

50 100

52 0.0 26.0 39.0#



#4

Vinyl Chloride

Concen: 24.818 ug/l

RT: 1.323 min Scan# 88

Delta R.T. 0.026 min

Lab File: VV039164.D

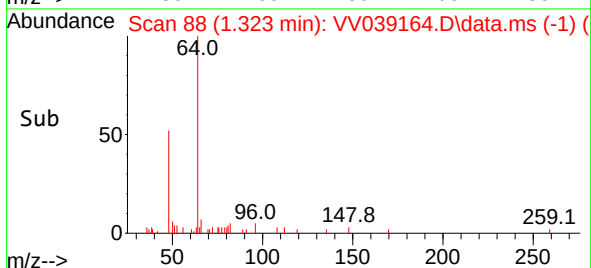
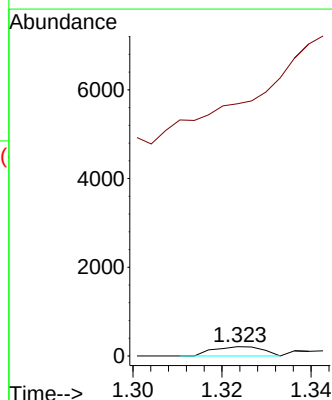
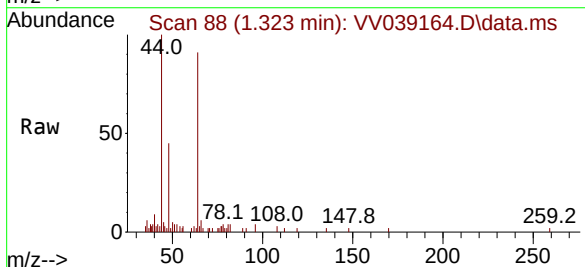
Acq: 24 Sep 2025 19:37

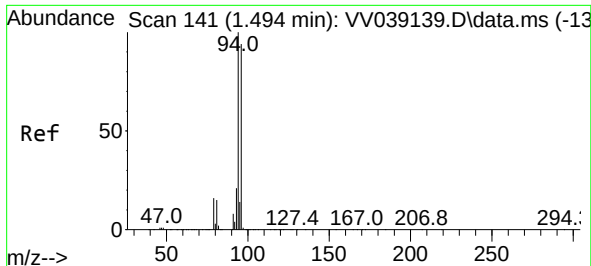
Tgt Ion: 62 Resp: 163

Ion Ratio Lower Upper

62 100

64 174.3 25.6 38.4#

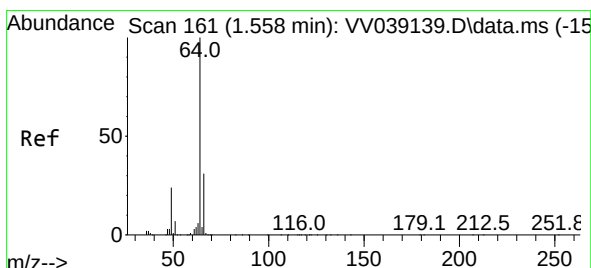
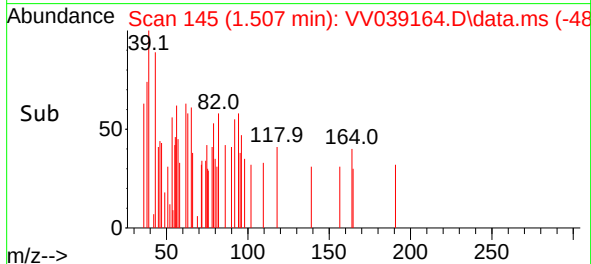
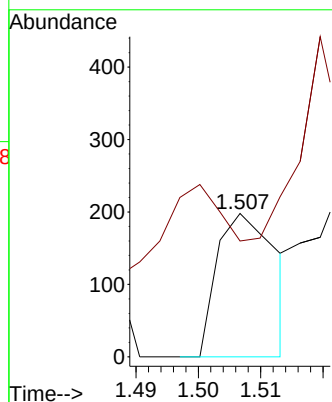
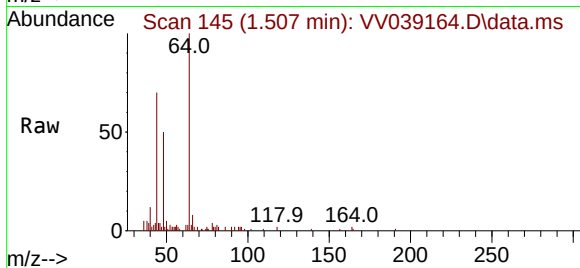




#5
Bromomethane
Concen: 31.399 ug/l
RT: 1.507 min Scan# 141
Delta R.T. 0.013 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

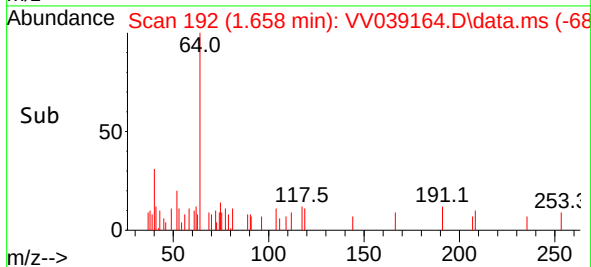
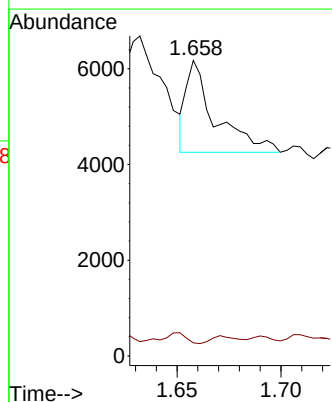
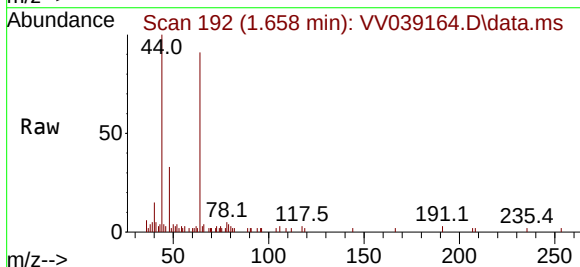
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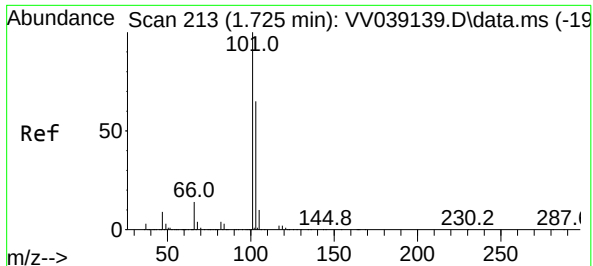
Tgt Ion: 94 Resp: 130
Ion Ratio Lower Upper
94 100
96 0.0 74.9 112.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.658 min Scan# 192
Delta R.T. 0.100 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 64 Resp: 1868
Ion Ratio Lower Upper
64 100
66 0.0 24.6 36.8#

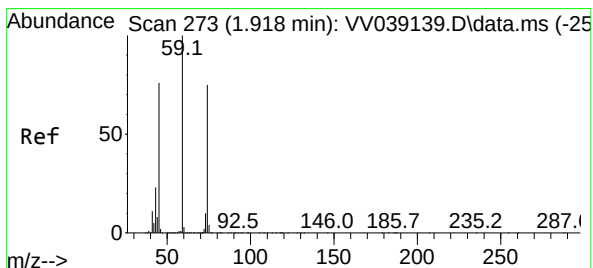
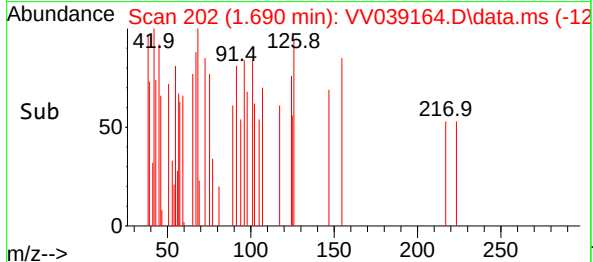
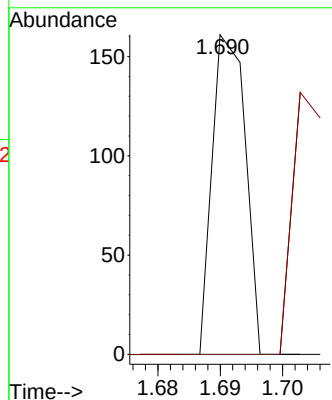
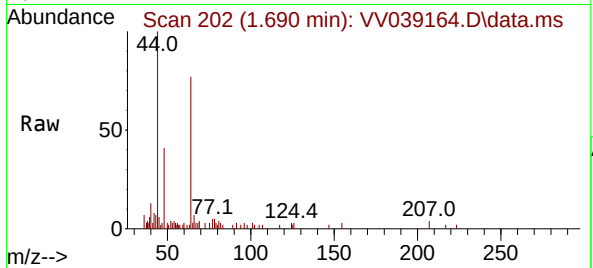




#7
Trichlorofluoromethane
Concen: 6.205 ug/l
RT: 1.690 min Scan# 20
Delta R.T. -0.035 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

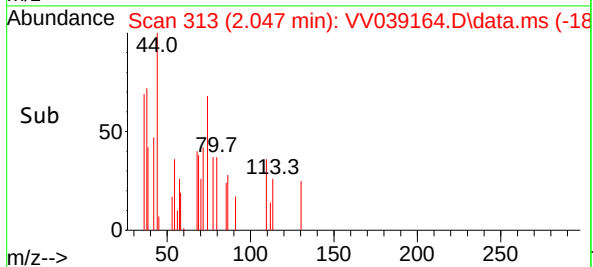
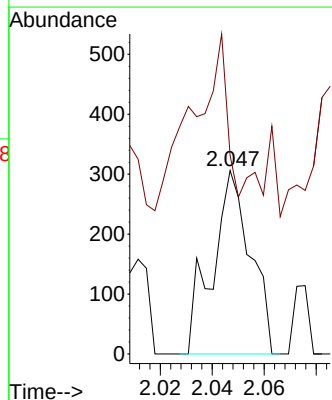
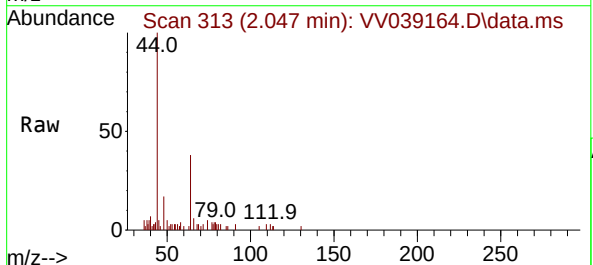
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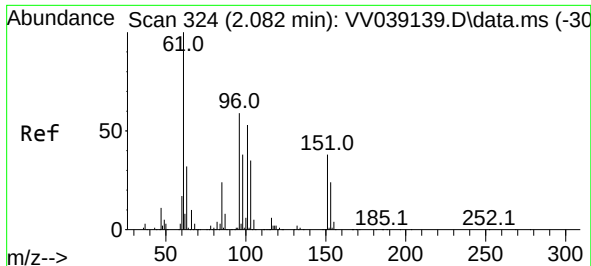
Tgt Ion:101 Resp: 59
Ion Ratio Lower Upper
101 100
103 0.0 52.0 78.0#



#8
Diethyl Ether
Concen: 88.669 ug/l
RT: 2.047 min Scan# 313
Delta R.T. 0.129 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 74 Resp: 313
Ion Ratio Lower Upper
74 100
45 89.8 49.6 148.8

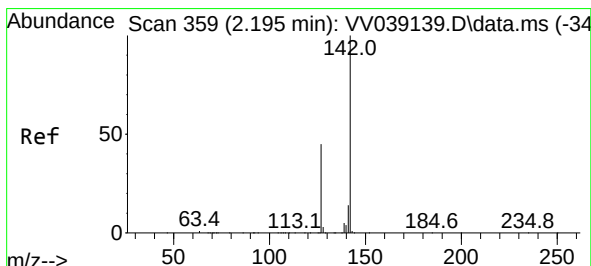
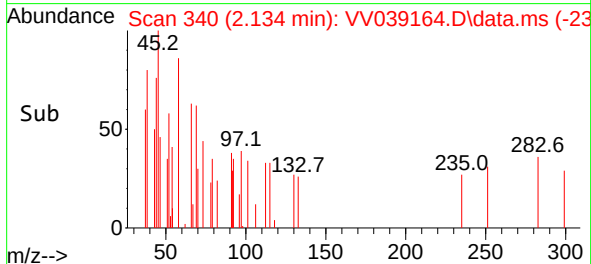
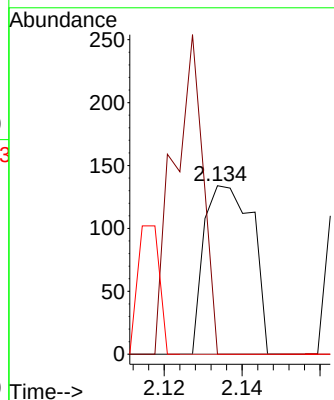
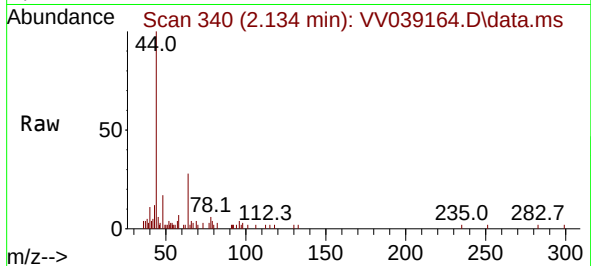




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.503 ug/l
RT: 2.134 min Scan# 341
Delta R.T. 0.052 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

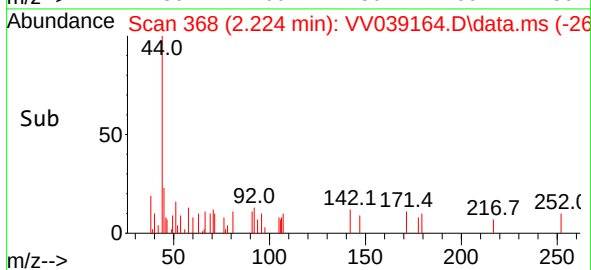
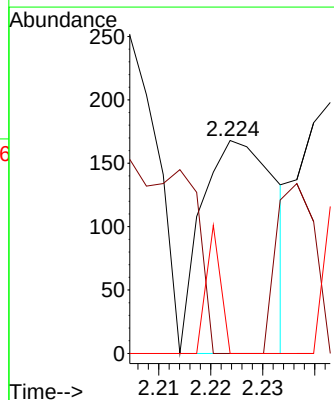
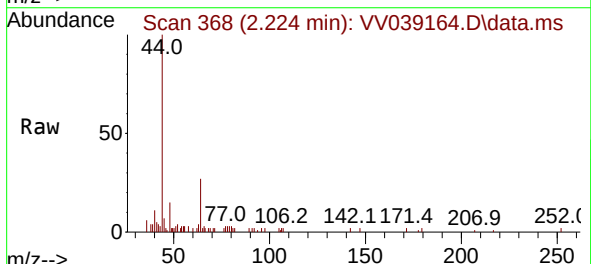
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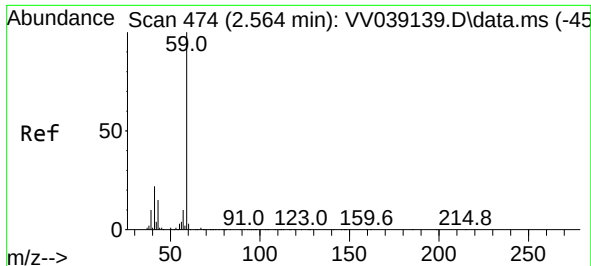
Tgt Ion:101 Resp: 116
Ion Ratio Lower Upper
101 100
85 114.7 36.2 54.2#
151 33.6 56.3 84.5#



#10
Methyl Iodide
Concen: 30.810 ug/l
RT: 2.224 min Scan# 368
Delta R.T. 0.029 min
Lab File: VV039164.D
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Tgt Ion:142 Resp: 166
Ion Ratio Lower Upper
142 100
127 0.0 36.3 54.5#
141 11.4 11.2 16.8





#11

Tert butyl alcohol

Concen: 228.206 ug/l

RT: 2.584 min Scan# 41

Delta R.T. 0.019 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

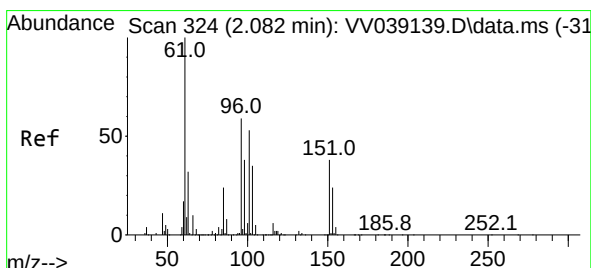
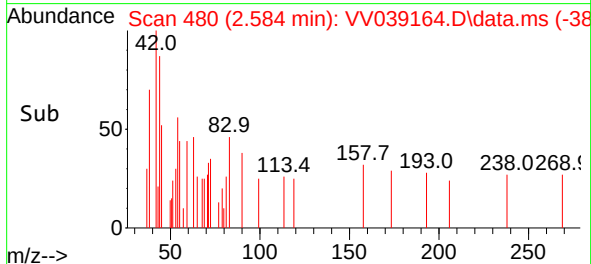
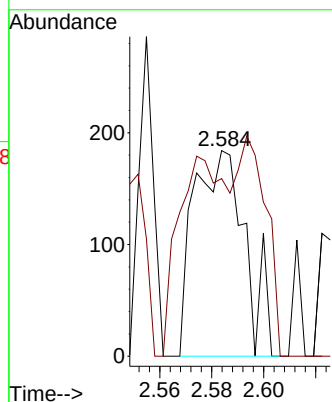
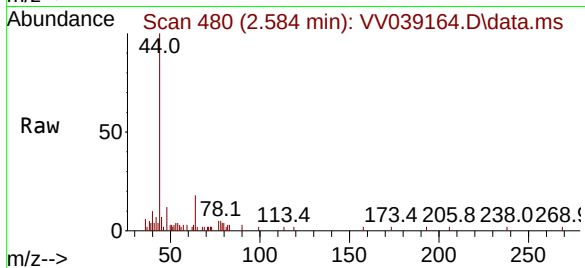
VIBLK

Tgt Ion: 59 Resp: 252

Ion Ratio Lower Upper

59 100

57 61.5 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 7.349 ug/l

RT: 2.105 min Scan# 331

Delta R.T. 0.023 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

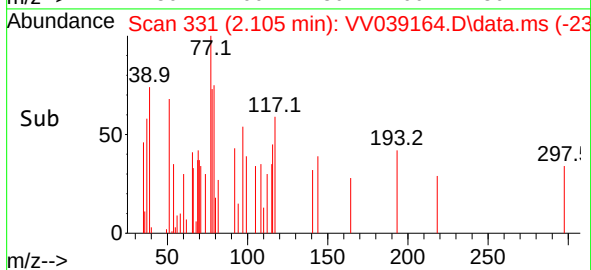
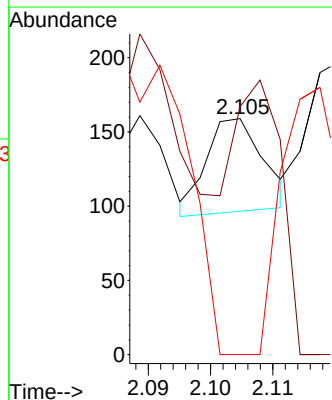
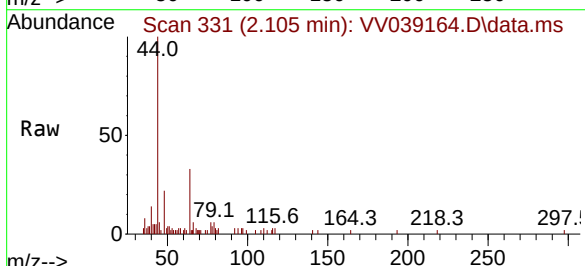
Tgt Ion: 96 Resp: 40

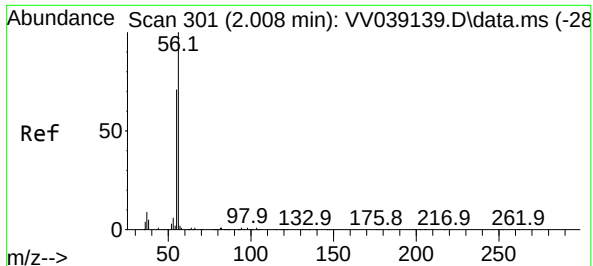
Ion Ratio Lower Upper

96 100

61 53.6 136.0 204.0#

98 0.0 51.0 76.6#

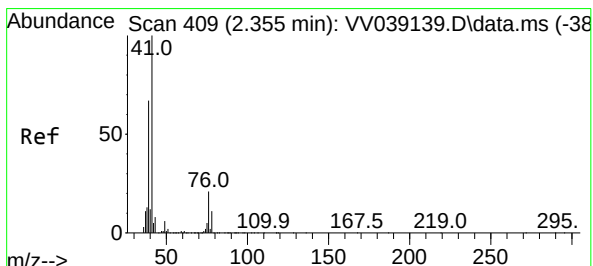
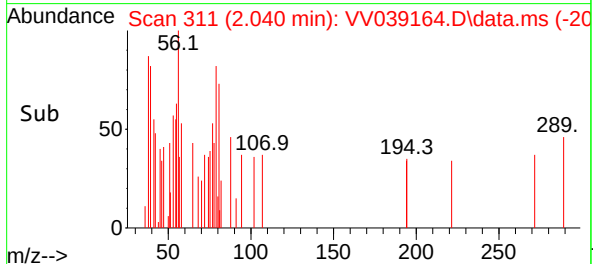
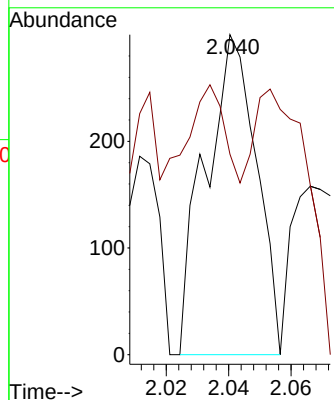
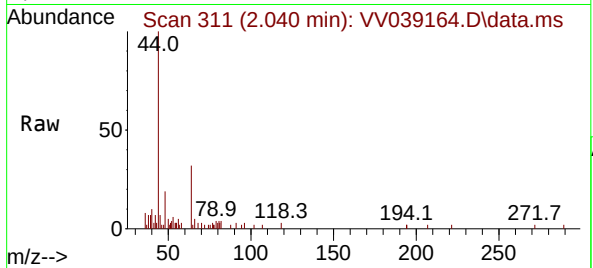




#13
Acrolein
Concen: 1784.847 ug/l
RT: 2.040 min Scan# 311
Delta R.T. 0.032 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

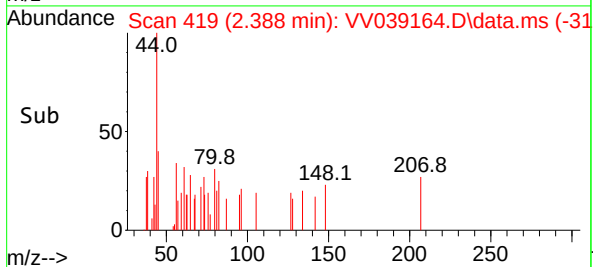
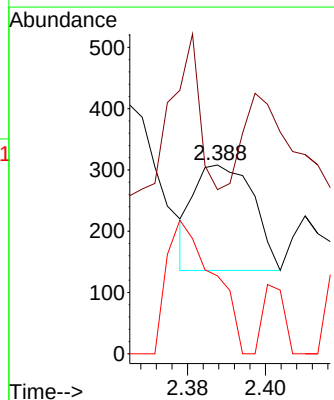
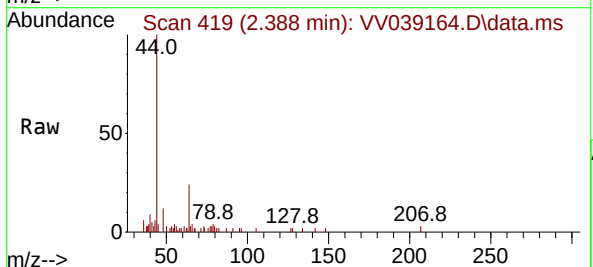
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

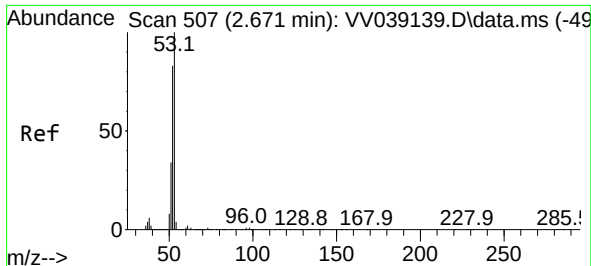
Tgt Ion: 56 Resp: 342
Ion Ratio Lower Upper
56 100
55 29.5 56.2 84.4#



#14
Allyl chloride
Concen: 18.719 ug/l
RT: 2.388 min Scan# 419
Delta R.T. 0.032 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 41 Resp: 182
Ion Ratio Lower Upper
41 100
39 118.7 51.0 76.6#
76 23.1 28.2 42.4#

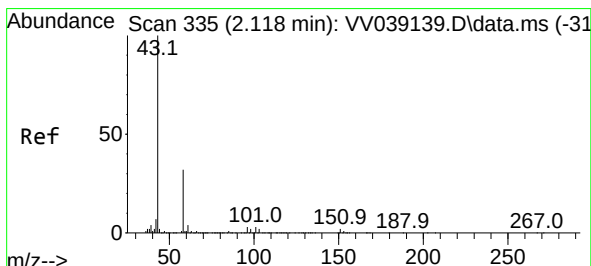
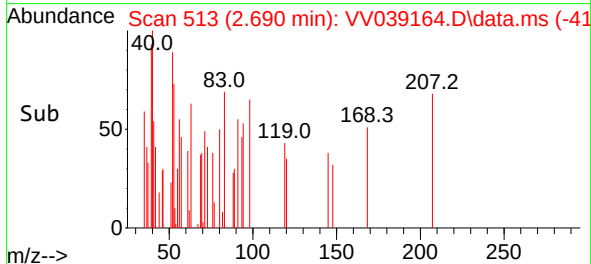
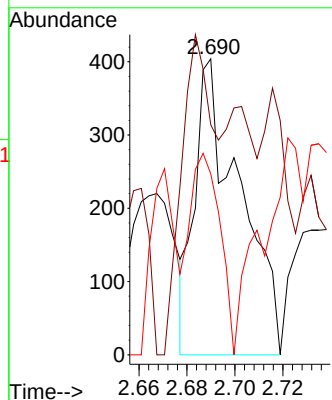
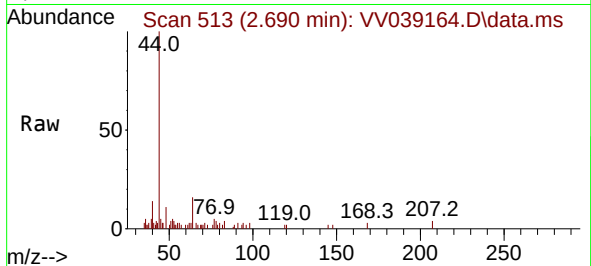




#15
Acrylonitrile
Concen: 148.309 ug/l
RT: 2.690 min Scan# 513
Delta R.T. 0.019 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

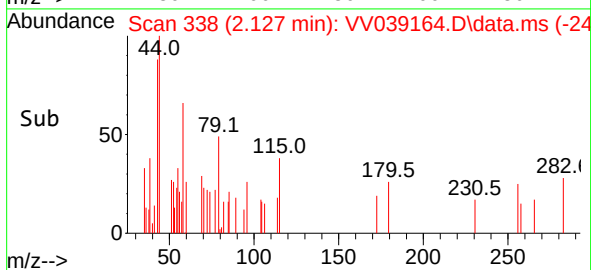
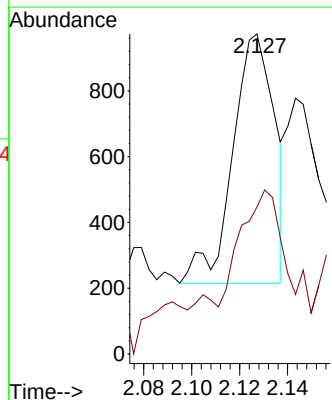
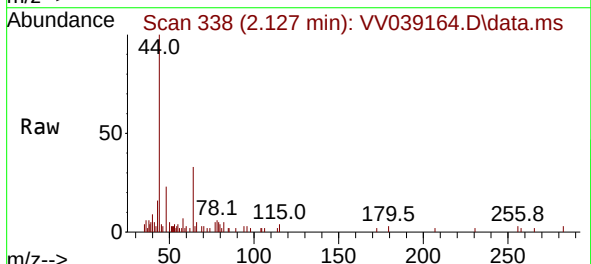
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

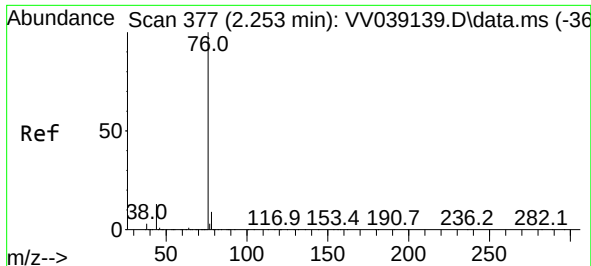
Tgt Ion: 53 Resp: 525
Ion Ratio Lower Upper
53 100
52 78.7 66.1 99.1
51 45.9 28.5 42.7#



#16
Acetone
Concen: 287.164 ug/l
RT: 2.127 min Scan# 338
Delta R.T. 0.009 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 43 Resp: 916
Ion Ratio Lower Upper
43 100
58 40.0 25.8 38.6#

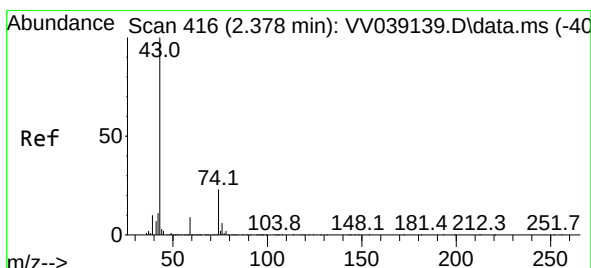
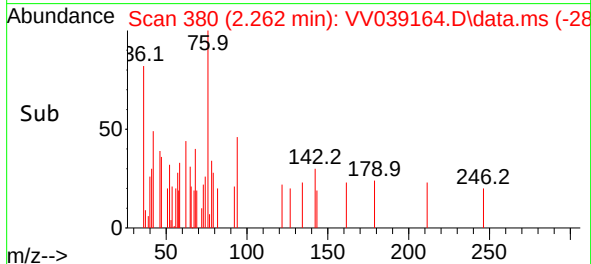
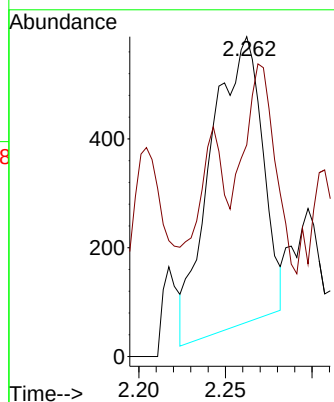
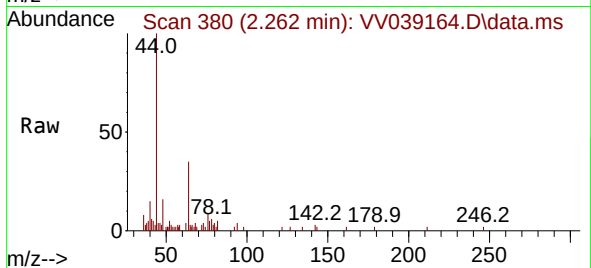




#17
Carbon Disulfide
Concen: 66.022 ug/l
RT: 2.262 min Scan# 377
Delta R.T. 0.010 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

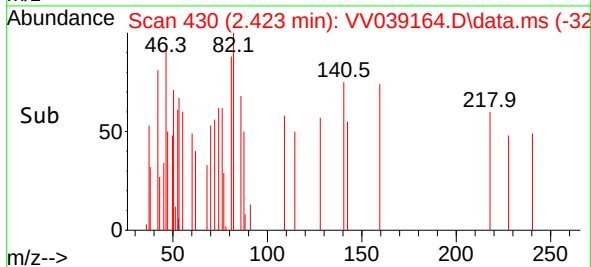
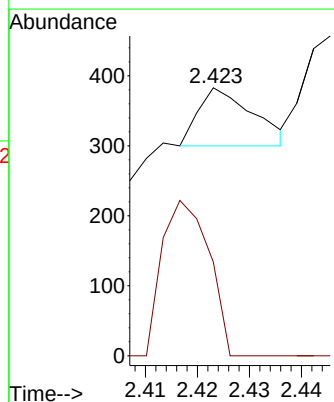
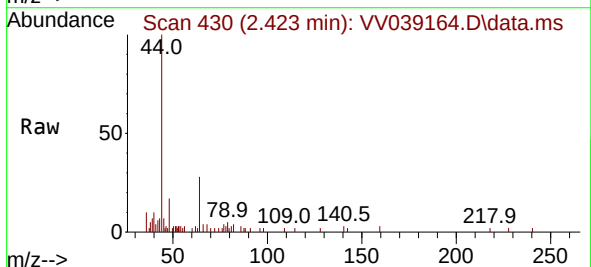
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

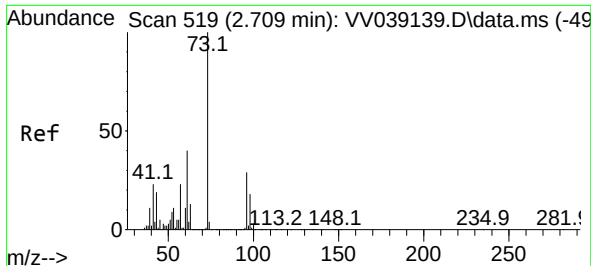
Tgt Ion: 76 Resp: 1099
Ion Ratio Lower Upper
76 100
78 39.7 7.4 11.0#



#18
Methyl Acetate
Concen: 7.751 ug/l
RT: 2.423 min Scan# 430
Delta R.T. 0.045 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 43 Resp: 60
Ion Ratio Lower Upper
43 100
74 231.7 18.6 27.8#





#19

Methyl tert-butyl Ether

Concen: 19.603 ug/l

RT: 2.728 min Scan# 519

Delta R.T. 0.019 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

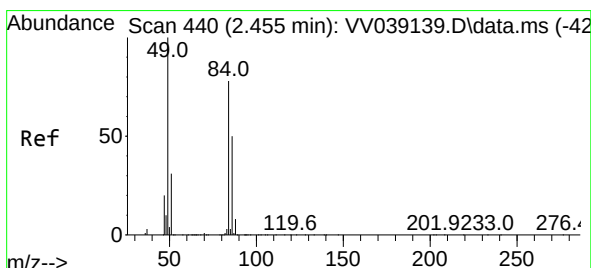
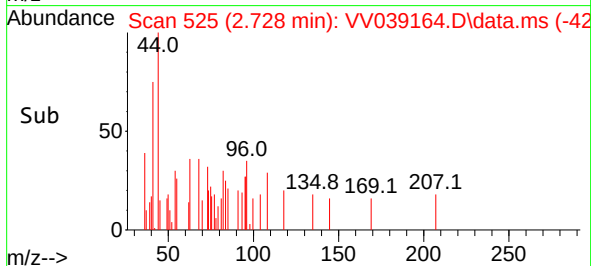
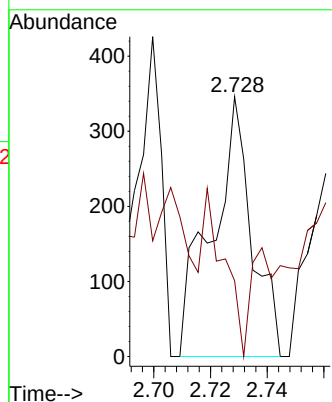
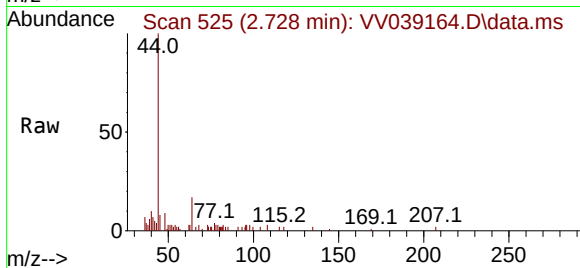
VIBLK

Tgt Ion: 73 Resp: 340

Ion Ratio Lower Upper

73 100

57 0.0 18.2 27.4#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.458 min Scan# 441

Delta R.T. 0.003 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Tgt Ion: 84 Resp: 5518

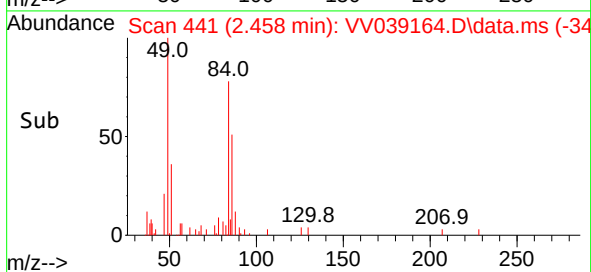
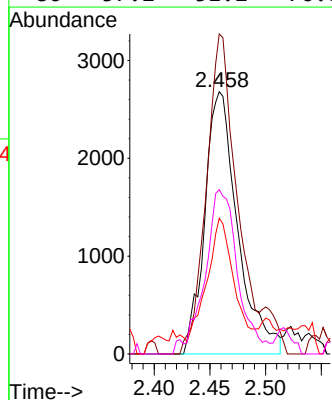
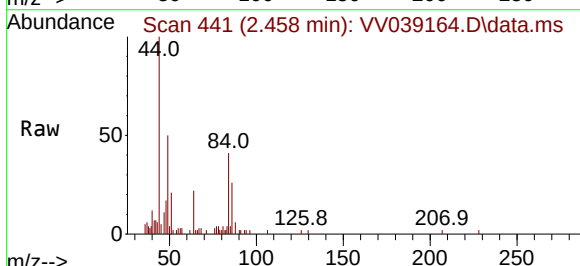
Ion Ratio Lower Upper

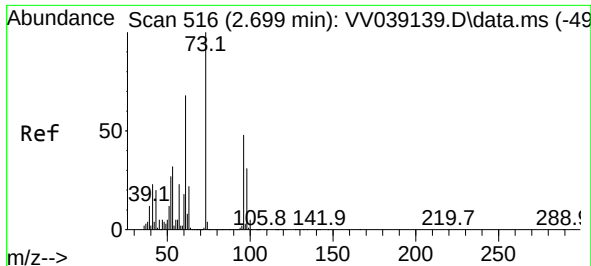
84 100

49 122.0 102.8 154.2

51 44.5 31.9 47.9

86 57.2 51.2 76.8

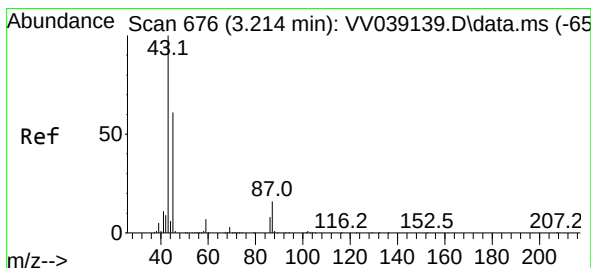
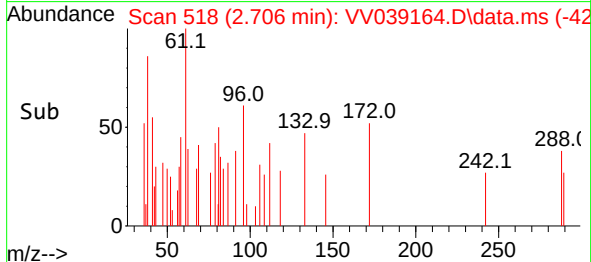
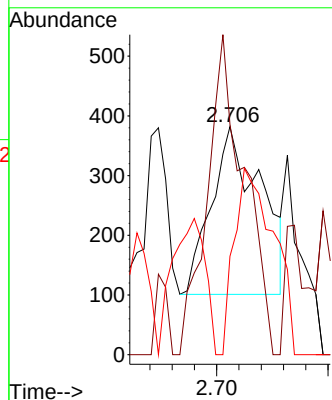
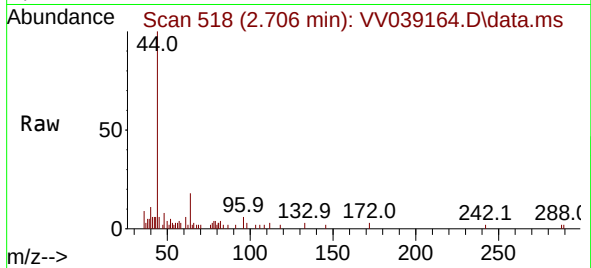




#21
trans-1,2-Dichloroethene
Concen: 74.382 ug/l
RT: 2.706 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

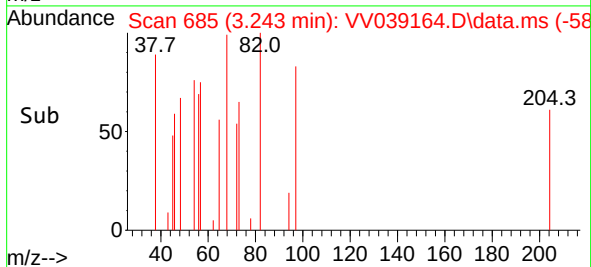
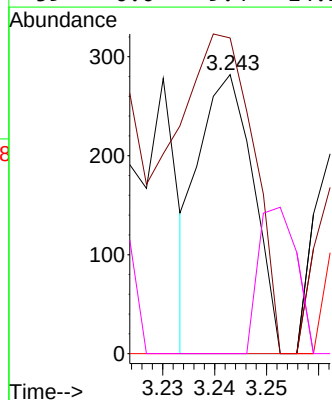
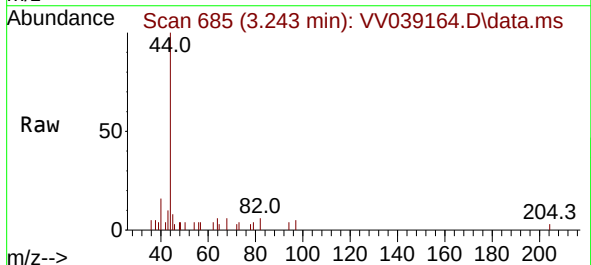
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

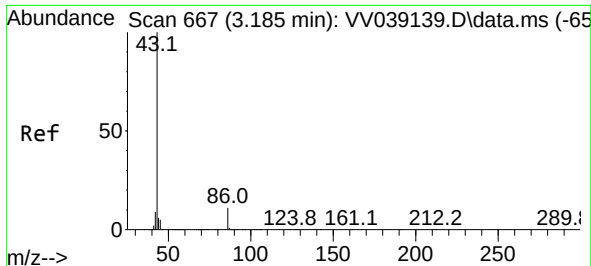
Tgt Ion: 96 Resp: 431
Ion Ratio Lower Upper
96 100
61 137.4 112.8 169.2
98 0.0 51.1 76.7#



#22
Diisopropyl ether
Concen: 11.020 ug/l
RT: 3.243 min Scan# 685
Delta R.T. 0.029 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 45 Resp: 205
Ion Ratio Lower Upper
45 100
43 113.1 130.9 196.3#
87 0.0 21.1 31.7#
59 0.0 9.4 14.2#

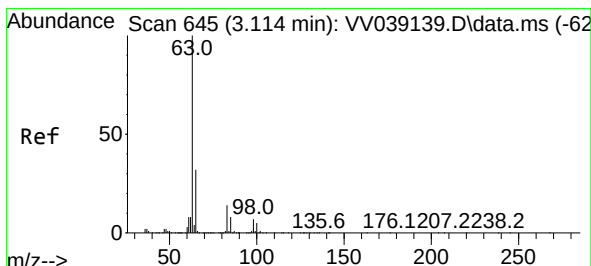
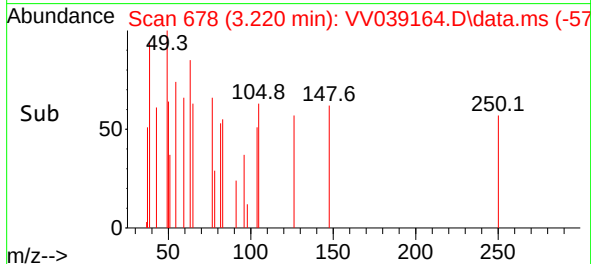
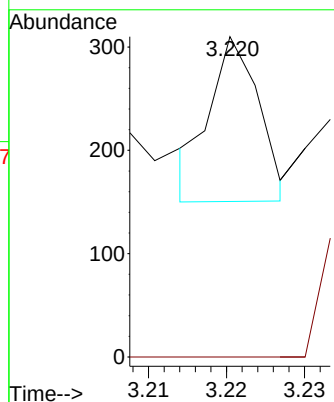
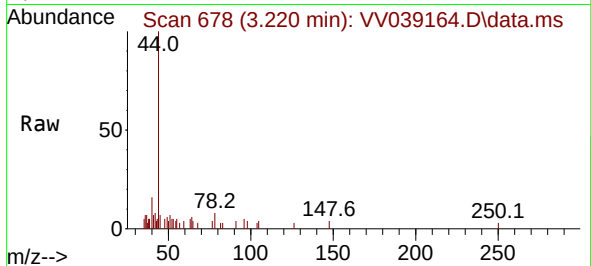




#23
 Vinyl Acetate
 Concen: 4.302 ug/l
 RT: 3.220 min Scan# 61
 Delta R.T. 0.035 min
 Lab File: VV039164.D
 Acq: 24 Sep 2025 19:37

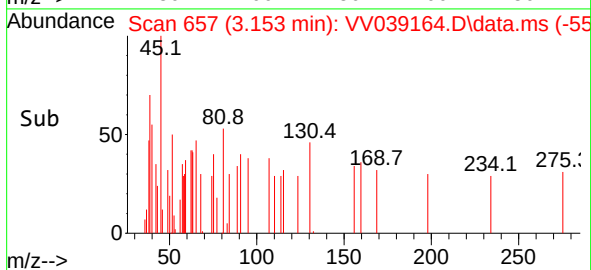
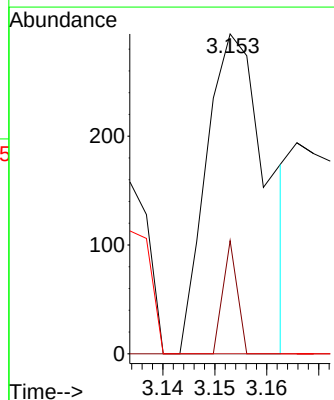
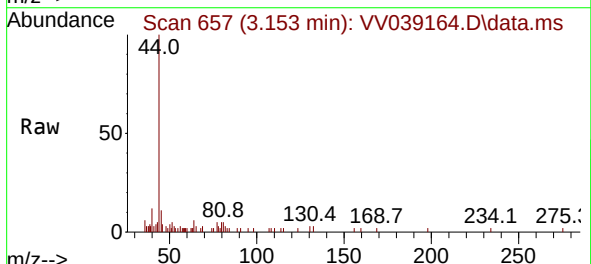
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

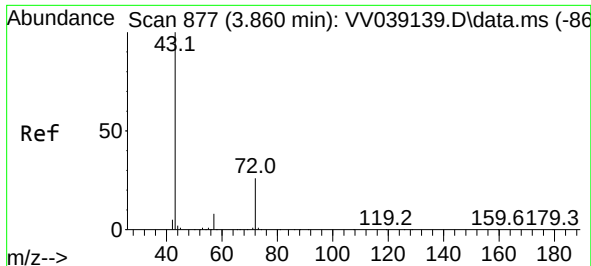
Tgt Ion: 43 Resp: 70
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.4 12.6#



#24
 1,1-Dichloroethane
 Concen: 20.922 ug/l
 RT: 3.153 min Scan# 657
 Delta R.T. 0.039 min
 Lab File: VV039164.D
 Acq: 24 Sep 2025 19:37

Tgt Ion: 63 Resp: 238
 Ion Ratio Lower Upper
 63 100
 98 35.4 3.4 10.2#
 100 0.0 2.2 6.6#





#25

2-Butanone

Concen: 66.208 ug/l

RT: 3.918 min Scan# 895

Delta R.T. 0.058 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

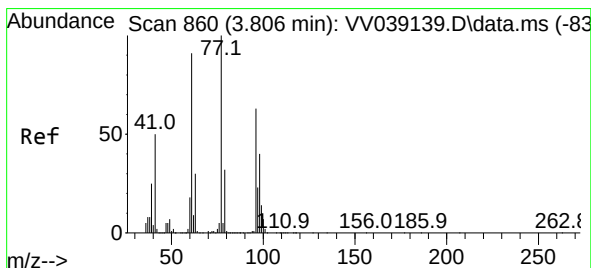
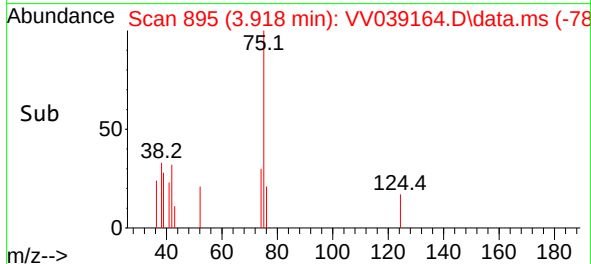
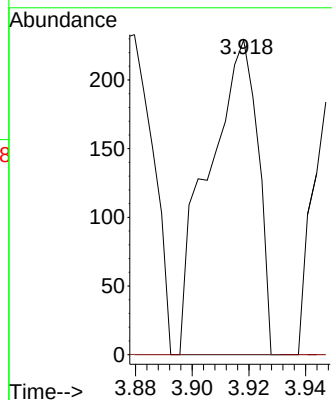
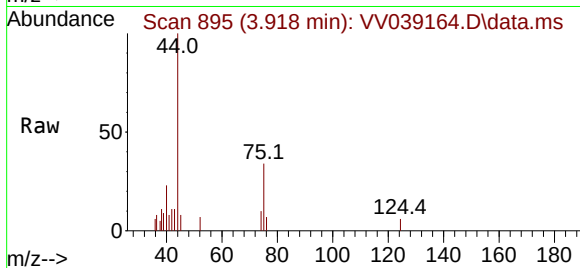
VIBLK

Tgt Ion: 43 Resp: 277

Ion Ratio Lower Upper

43 100

72 0.0 21.0 31.6#



#26

2,2-Dichloropropane

Concen: 19.035 ug/l

RT: 3.854 min Scan# 875

Delta R.T. 0.048 min

Lab File: VV039164.D

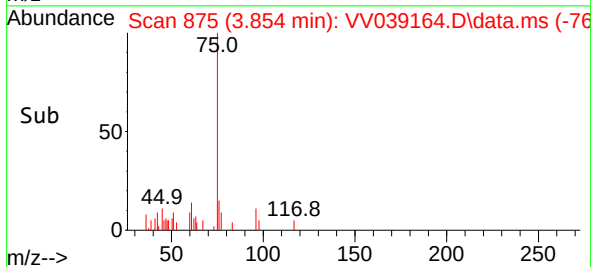
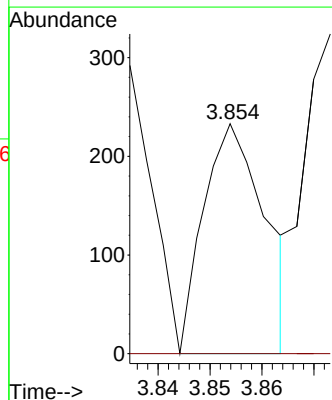
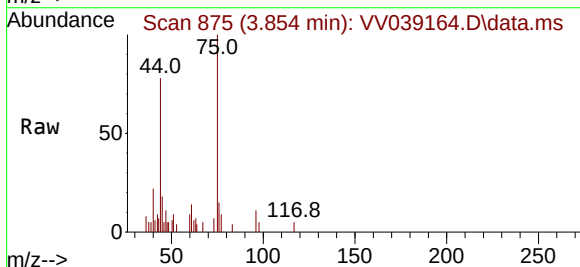
Acq: 24 Sep 2025 19:37

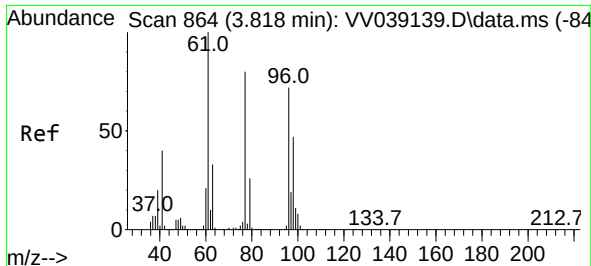
Tgt Ion: 77 Resp: 192

Ion Ratio Lower Upper

77 100

97 0.0 11.6 34.7#

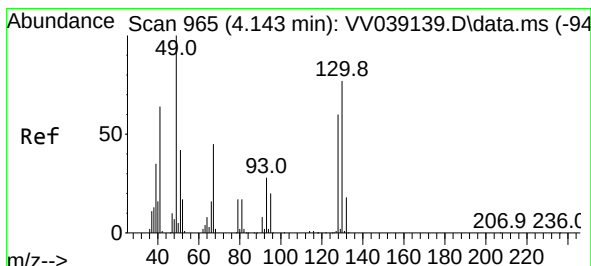
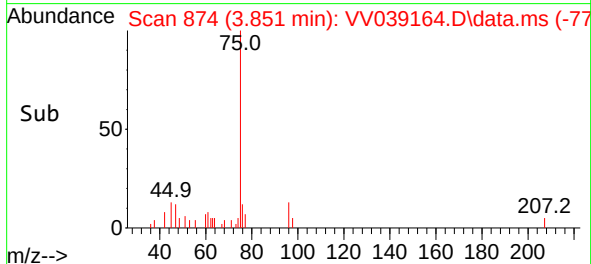
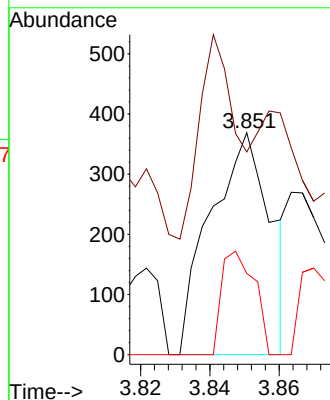
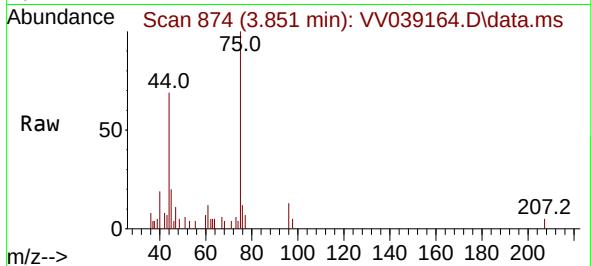




#27
 cis-1,2-Dichloroethene
 Concen: 69.164 ug/l
 RT: 3.851 min Scan# 81
 Delta R.T. 0.032 min
 Lab File: VV039164.D
 Acq: 24 Sep 2025 19:37

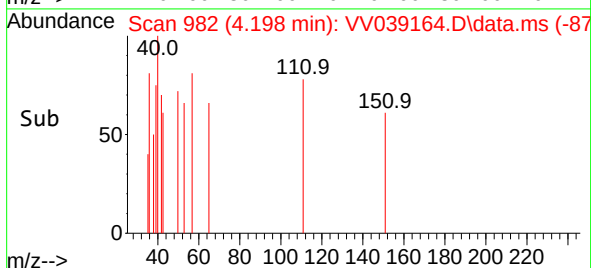
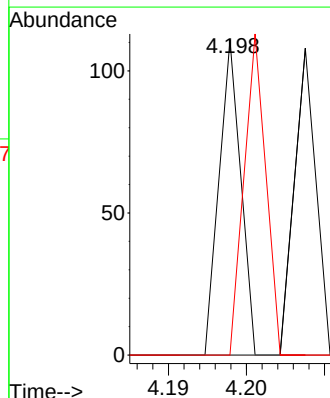
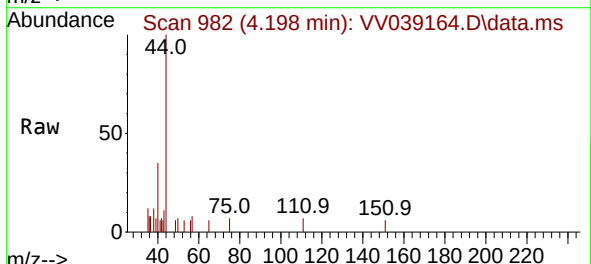
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

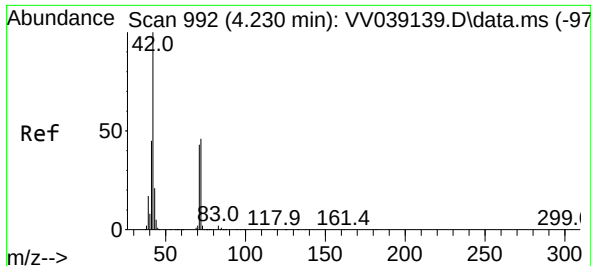
Tgt Ion: 96	Resp: 442
Ion Ratio	Lower Upper
96 100	
61 55.4	0.0 286.4
98 25.6	0.0 126.6



#28
 Bromochloromethane
 Concen: 4.182 ug/l
 RT: 4.198 min Scan# 982
 Delta R.T. 0.055 min
 Lab File: VV039164.D
 Acq: 24 Sep 2025 19:37

Tgt Ion: 49	Resp: 21
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 4.2
130 104.8	60.2 90.2#





#29

Tetrahydrofuran

Concen: 86.301 ug/l

RT: 4.269 min Scan# 1004

Delta R.T. 0.039 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

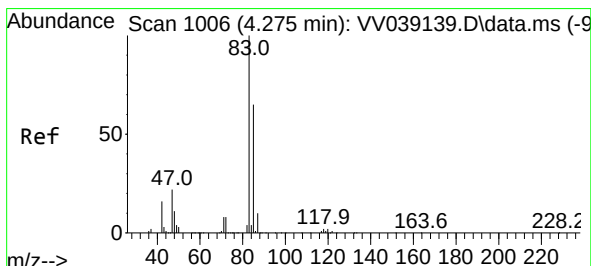
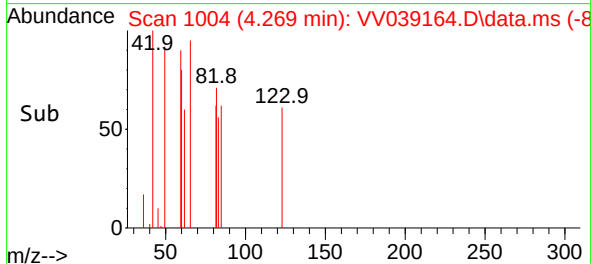
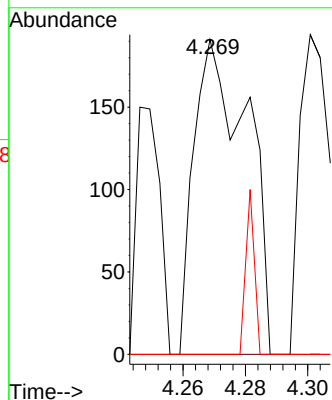
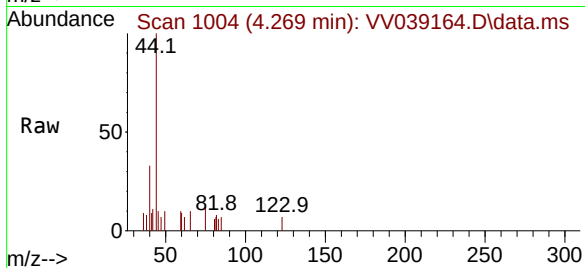
Tgt Ion: 42 Resp: 226

Ion Ratio Lower Upper

42 100

72 0.0 36.3 54.5#

71 8.4 34.3 51.5#



#30

Chloroform

Concen: 1.768 ug/l

RT: 4.269 min Scan# 1004

Delta R.T. -0.006 min

Lab File: VV039164.D

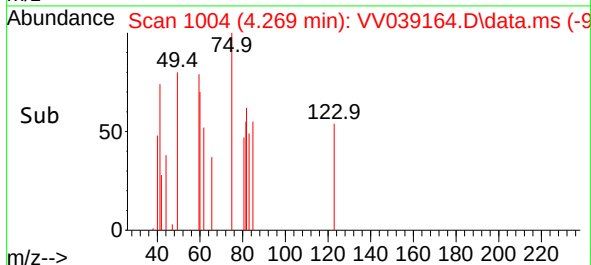
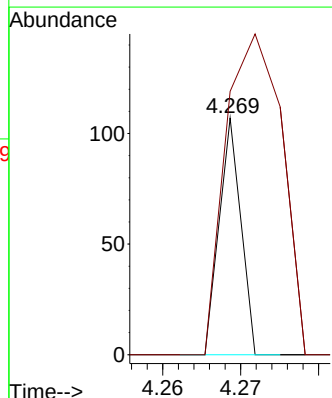
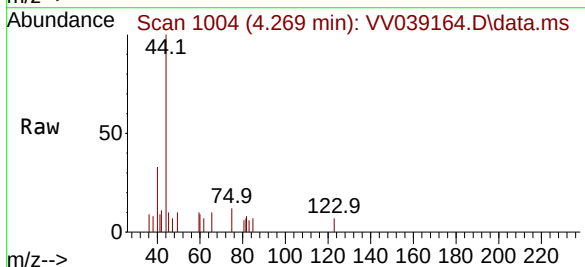
Acq: 24 Sep 2025 19:37

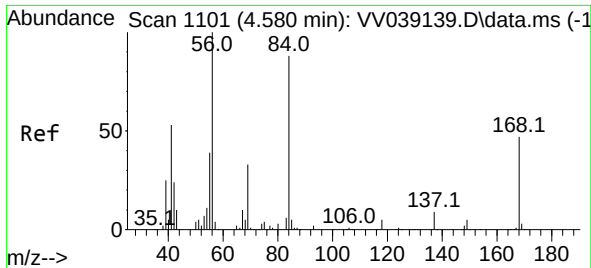
Tgt Ion: 83 Resp: 21

Ion Ratio Lower Upper

83 100

85 111.2 52.1 78.1#

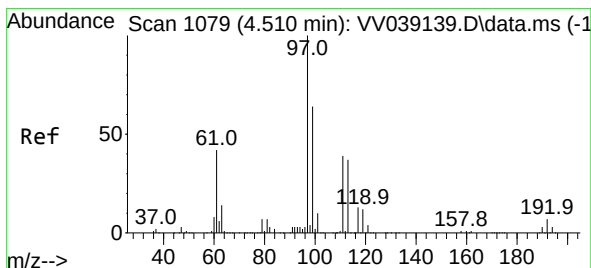
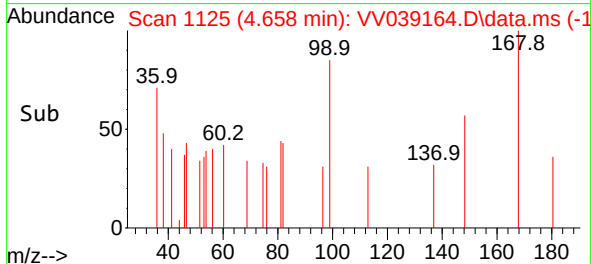
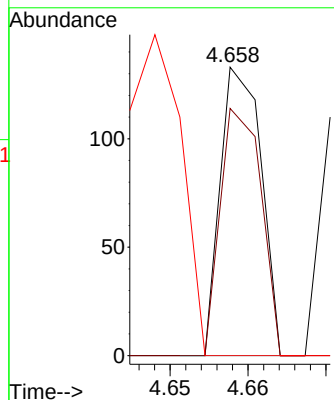
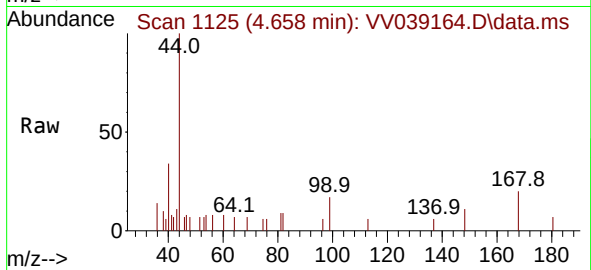




#31
Cyclohexane
Concen: 5.151 ug/l
RT: 4.658 min Scan# 1101
Delta R.T. 0.077 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

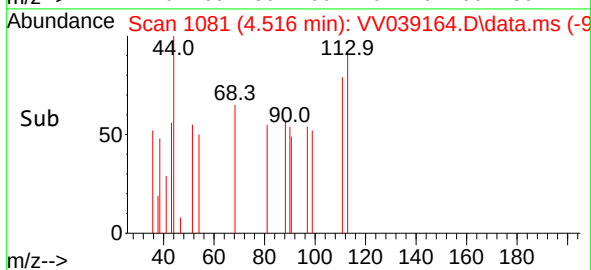
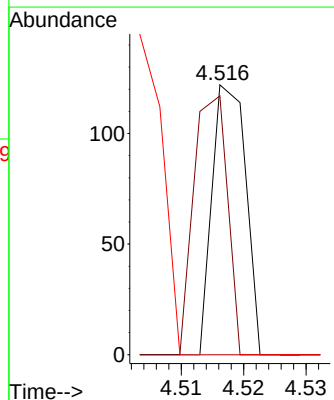
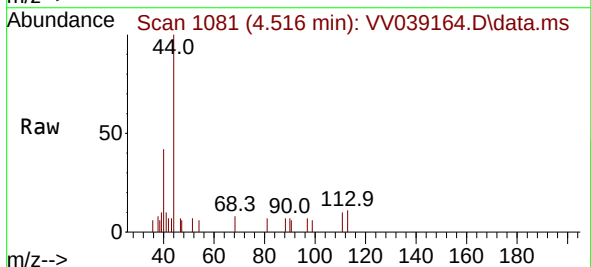
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

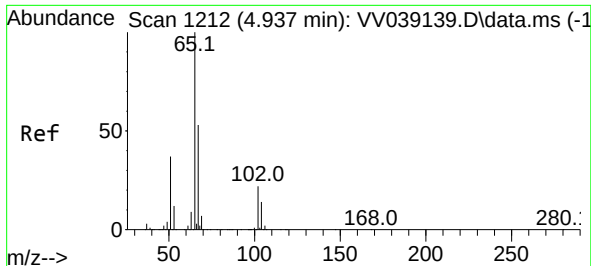
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
69 85.7 26.2 39.2#
84 0.0 70.3 105.5#



#32
1,1,1-Trichloroethane
Concen: 4.473 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.007 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 97 Resp: 46
Ion Ratio Lower Upper
97 100
99 95.7 49.6 74.4#
61 206.5 34.5 51.7#





#33

1,2-Dichloroethane-d4

Concen: 117.326 ug/l

RT: 5.018 min Scan# 11

Delta R.T. 0.080 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

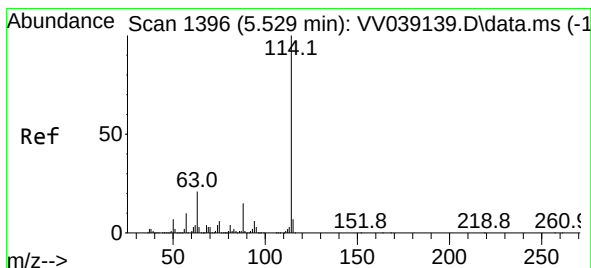
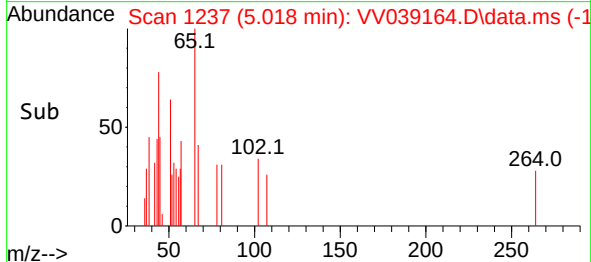
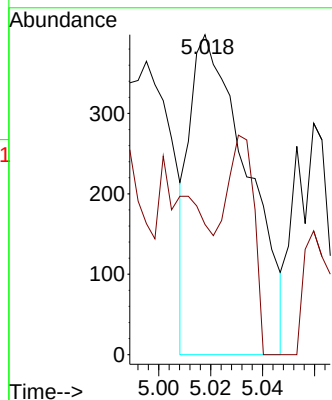
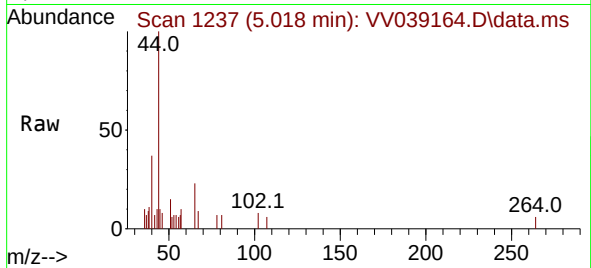
VIBLK

Tgt Ion: 65 Resp: 613

Ion Ratio Lower Upper

65 100

67 34.9 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.593 min Scan# 1416

Delta R.T. 0.064 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

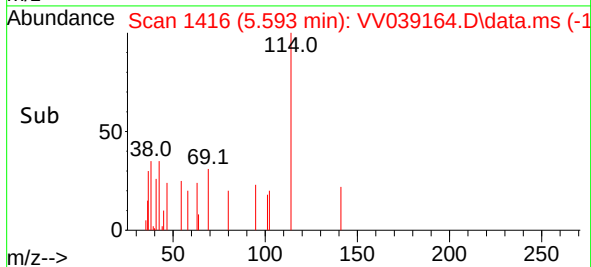
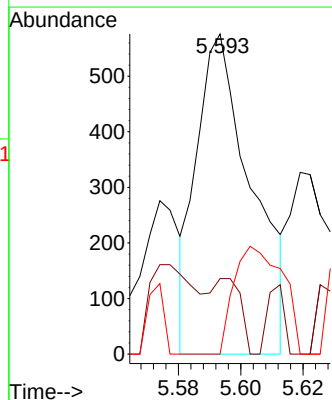
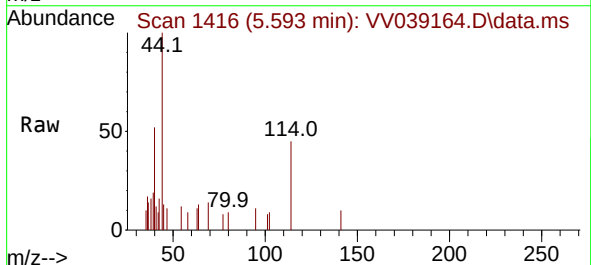
Tgt Ion: 114 Resp: 706

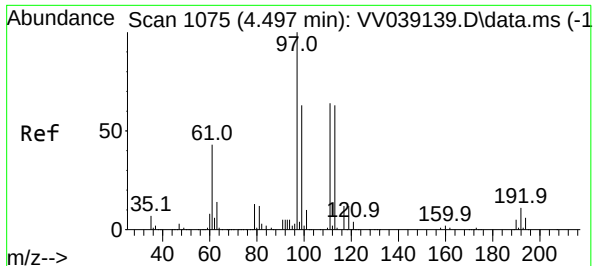
Ion Ratio Lower Upper

114 100

63 3.0 0.0 42.6

88 0.0 0.0 30.8

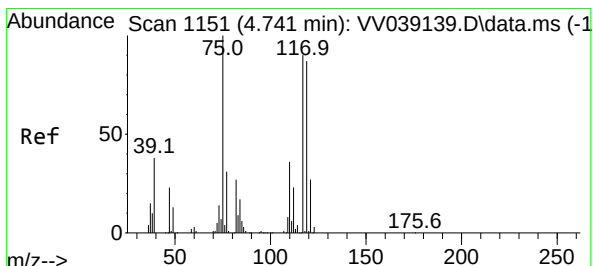
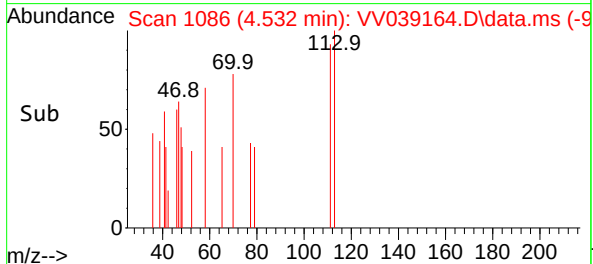
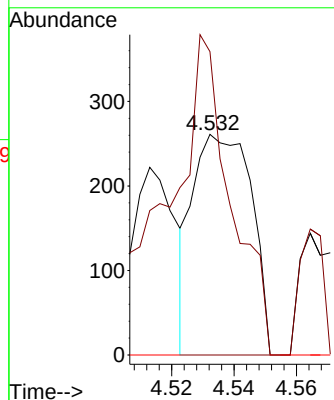
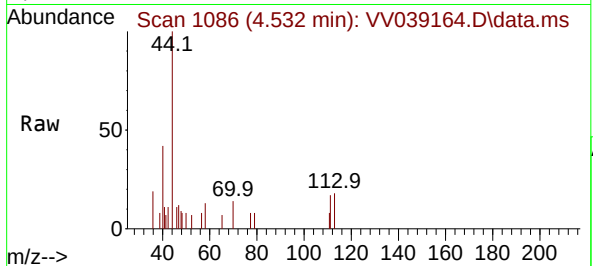




#35
Dibromofluoromethane
Concen: 59.729 ug/l
RT: 4.532 min Scan# 1108
Delta R.T. 0.035 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

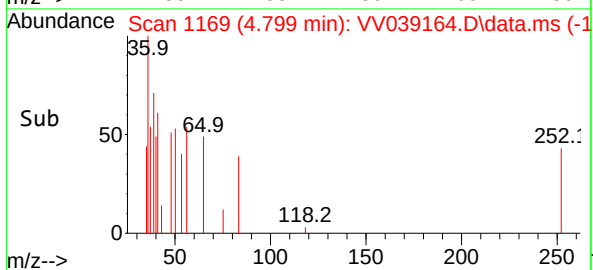
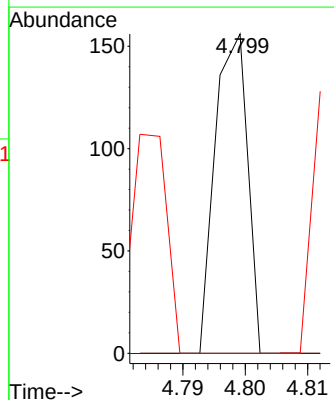
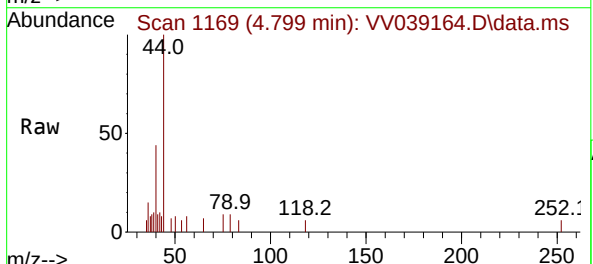
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

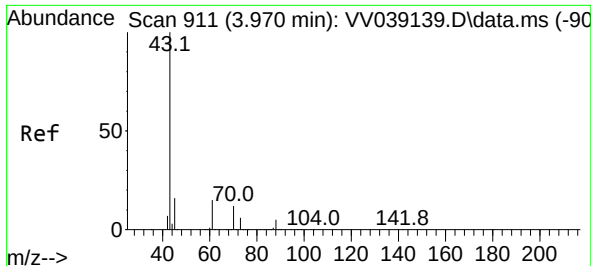
Tgt Ion:113 Resp: 339
Ion Ratio Lower Upper
113 100
111 167.6 82.4 123.6#
192 0.0 13.8 20.8#



#36
1,1-Dichloropropene
Concen: 6.526 ug/l
RT: 4.799 min Scan# 1169
Delta R.T. 0.058 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 75 Resp: 56
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.1#
77 73.2 24.8 37.2#

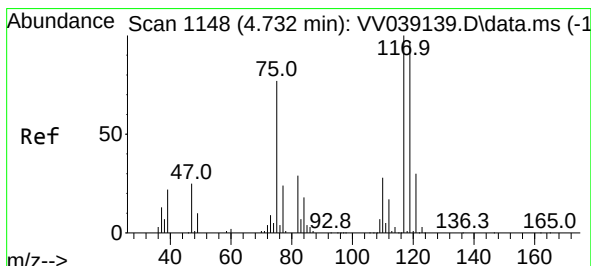
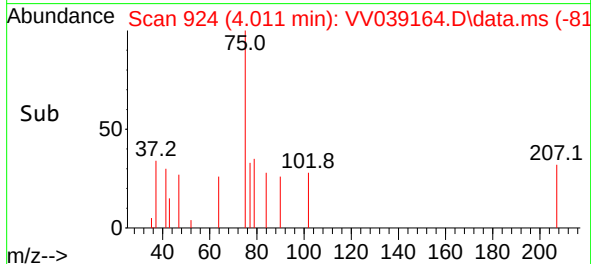
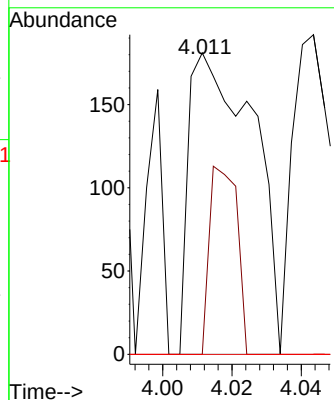
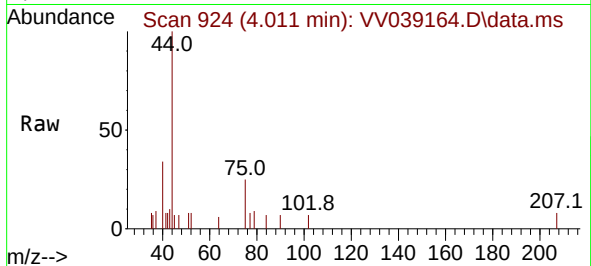




#37
Ethyl Acetate
Concen: 22.377 ug/l
RT: 4.011 min Scan# 911
Delta R.T. 0.041 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

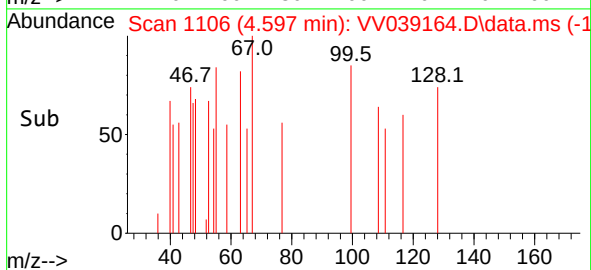
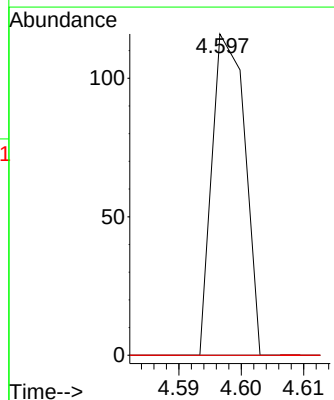
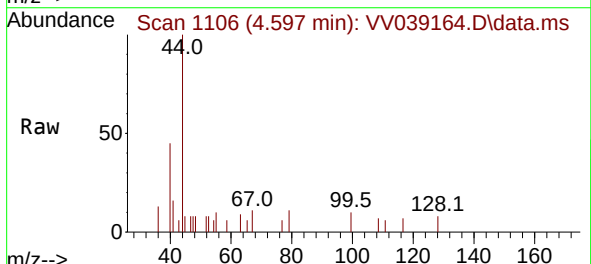
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

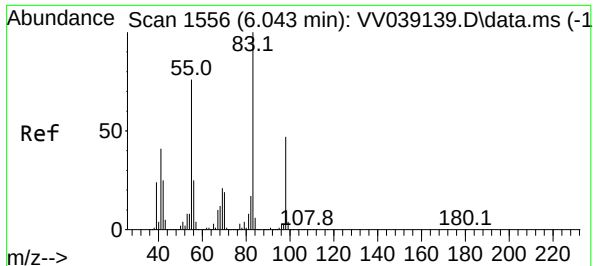
Tgt Ion: 43 Resp: 233
Ion Ratio Lower Upper
43 100
61 26.6 10.3 15.5#
70 0.0 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 4.005 ug/l
RT: 4.597 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 117 Resp: 42
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 2.026 ug/l

RT: 6.076 min Scan# 11

Delta R.T. 0.033 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

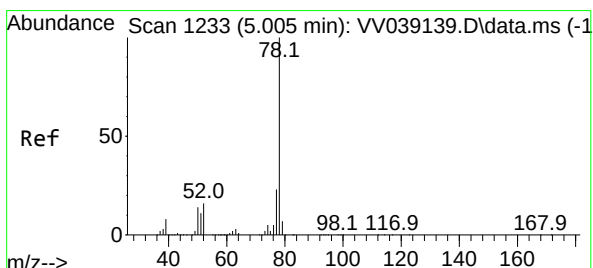
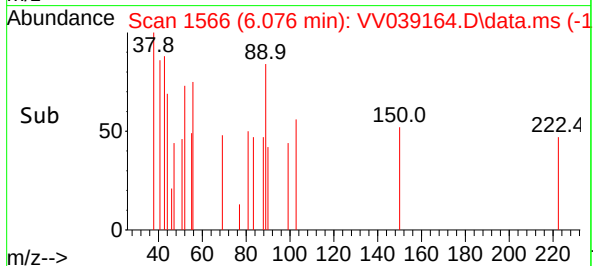
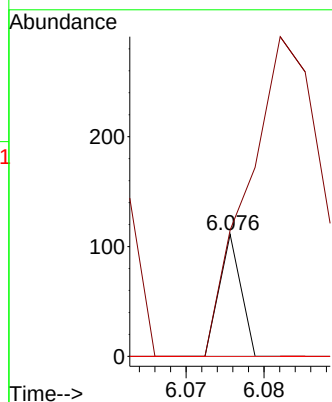
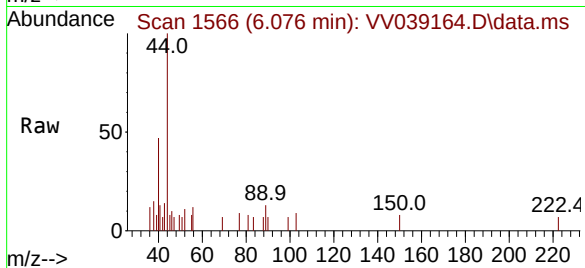
Tgt Ion: 83 Resp: 21

Ion Ratio Lower Upper

83 100

55 262.2 60.5 90.7#

98 0.0 37.8 56.6#



#40

Benzene

Concen: 3.543 ug/l

RT: 5.047 min Scan# 1246

Delta R.T. 0.042 min

Lab File: VV039164.D

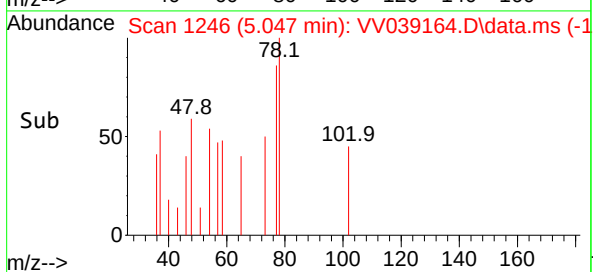
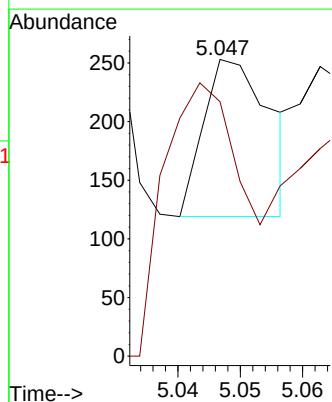
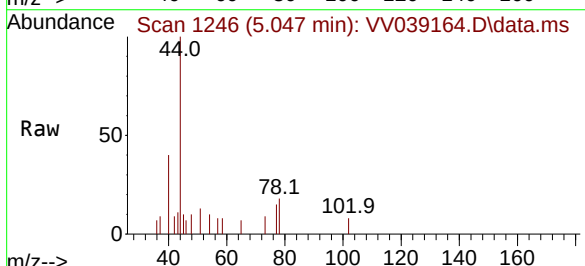
Acq: 24 Sep 2025 19:37

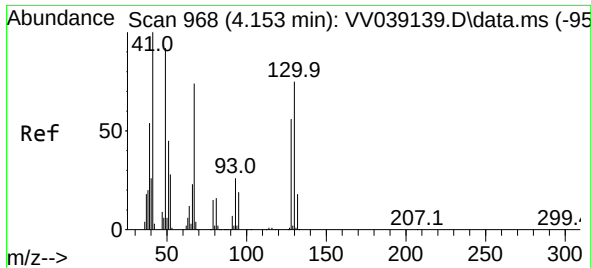
Tgt Ion: 78 Resp: 99

Ion Ratio Lower Upper

78 100

77 53.7 18.7 28.1#

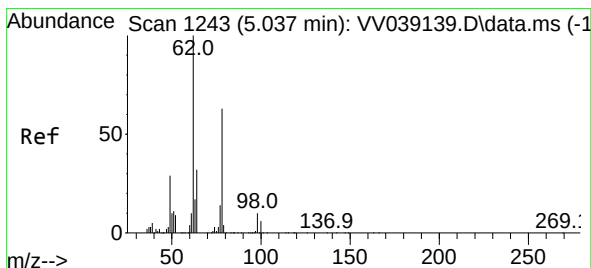
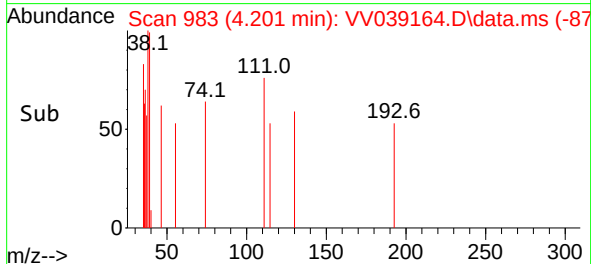
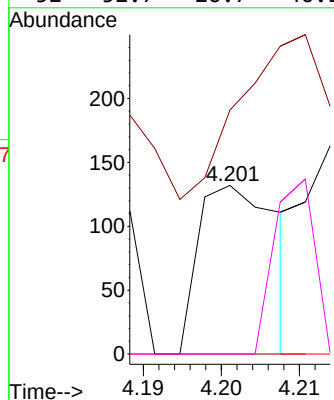
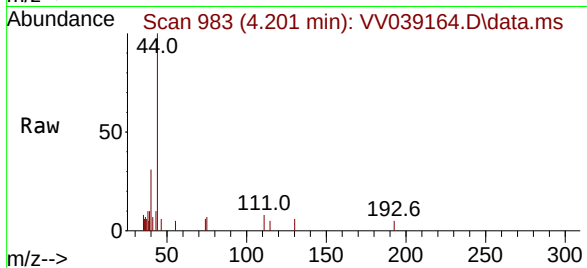




#41
Methacrylonitrile
Concen: 20.910 ug/l
RT: 4.201 min Scan# 91
Delta R.T. 0.048 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

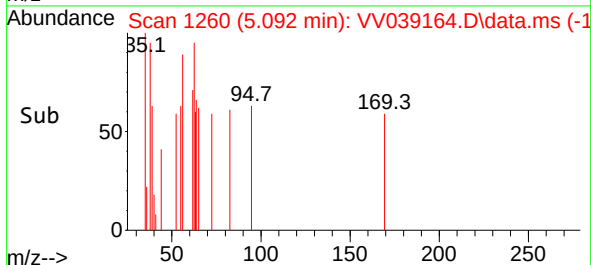
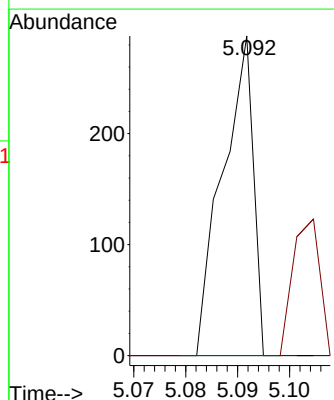
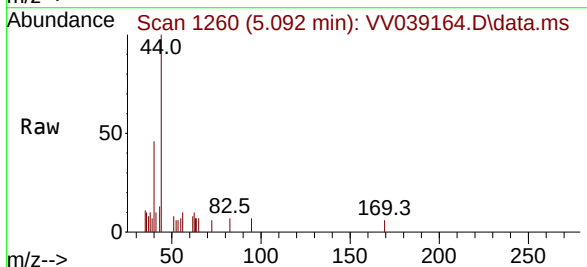
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

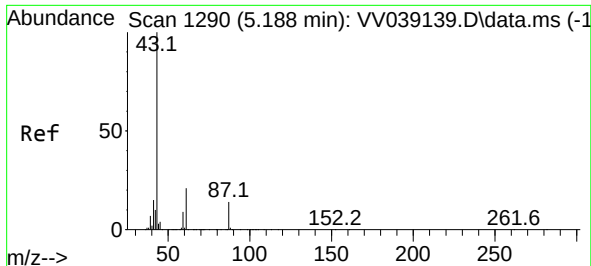
Tgt Ion: 41	Resp: 93
Ion Ratio	Lower Upper
41 100	
39 331.2	42.2 63.2#
67 0.0	67.9 101.9#
52 52.7	26.7 40.1#



#42
1,2-Dichloroethane
Concen: 12.052 ug/l
RT: 5.092 min Scan# 1260
Delta R.T. 0.055 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 62	Resp: 118		
Ion Ratio	Lower	Upper	
62 100			
98 37.3	0.0	19.2#	





#43

Isopropyl Acetate

Concen: 11.340 ug/l

RT: 5.233 min Scan# 11

Delta R.T. 0.045 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

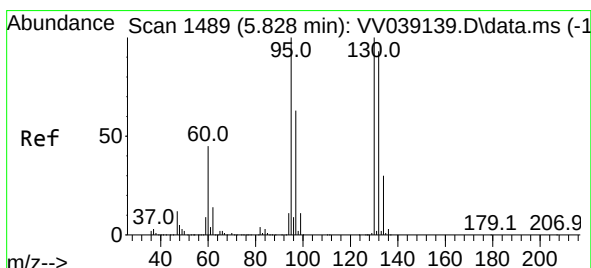
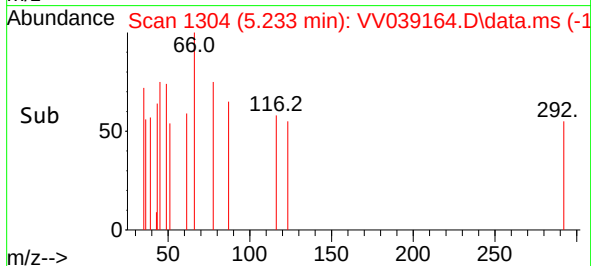
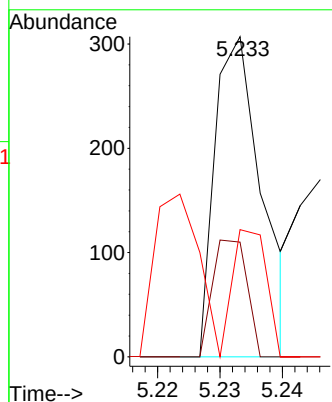
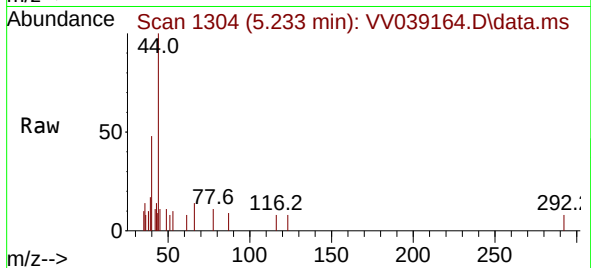
Tgt Ion: 43 Resp: 161

Ion Ratio Lower Upper

43 100

61 26.7 15.9 23.9#

87 28.6 11.0 16.6#



#44

Trichloroethene

Concen: 55.211 ug/l

RT: 5.908 min Scan# 1514

Delta R.T. 0.080 min

Lab File: VV039164.D

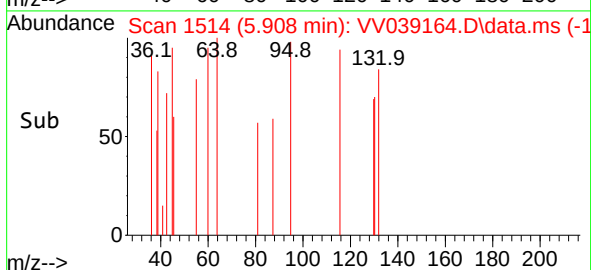
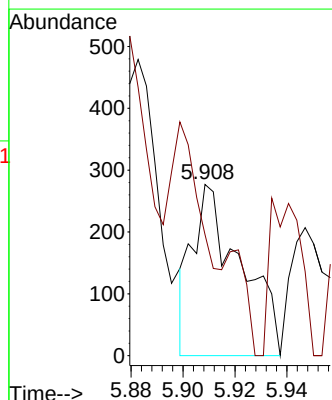
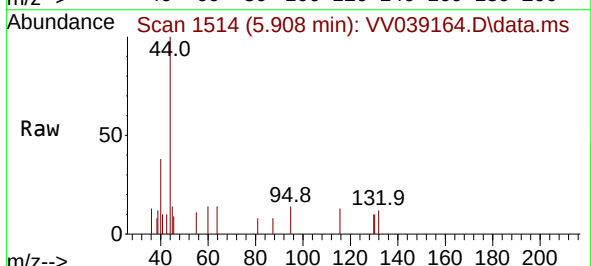
Acq: 24 Sep 2025 19:37

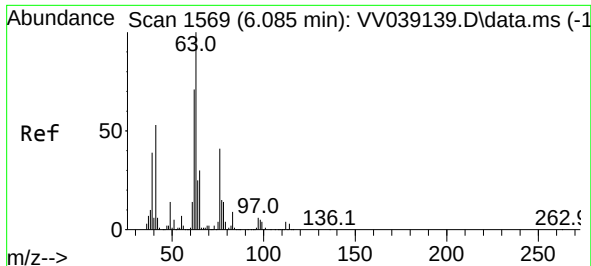
Tgt Ion:130 Resp: 356

Ion Ratio Lower Upper

130 100

95 0.0 0.0 199.2





#45

1,2-Dichloropropane

Concen: 3.024 ug/l

RT: 6.207 min Scan# 1

Delta R.T. 0.122 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

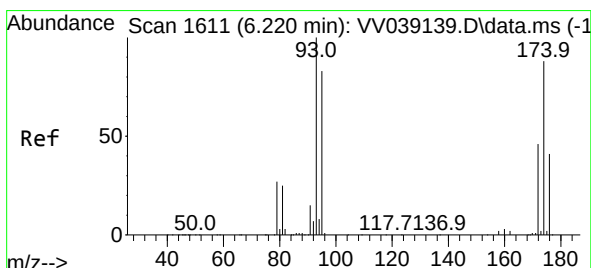
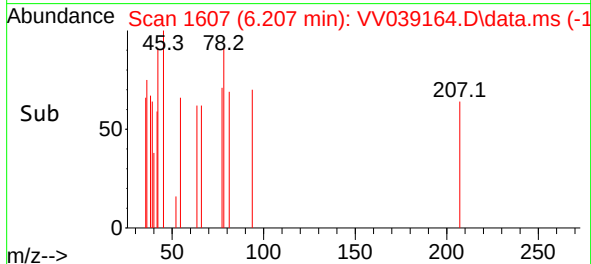
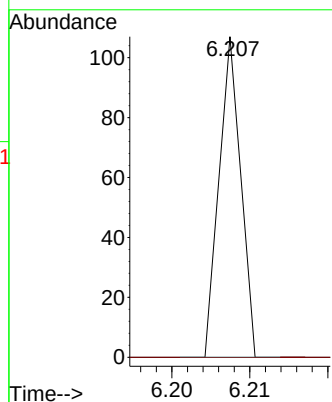
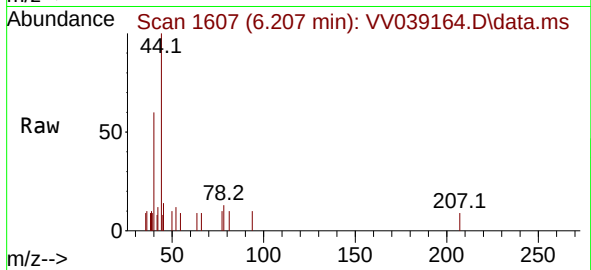
VIBLK

Tgt Ion: 63 Resp: 21

Ion Ratio Lower Upper

63 100

65 0.0 23.7 35.5#



#46

Dibromomethane

Concen: 9.218 ug/l

RT: 6.269 min Scan# 1626

Delta R.T. 0.048 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

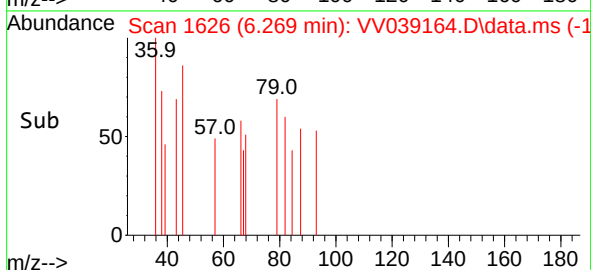
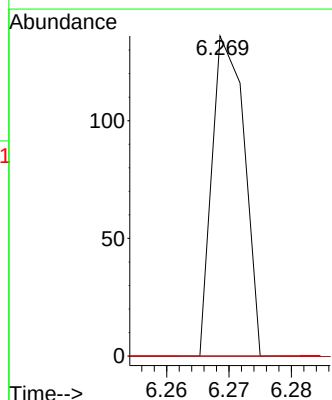
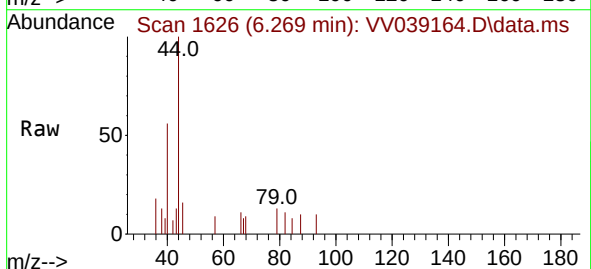
Tgt Ion: 93 Resp: 49

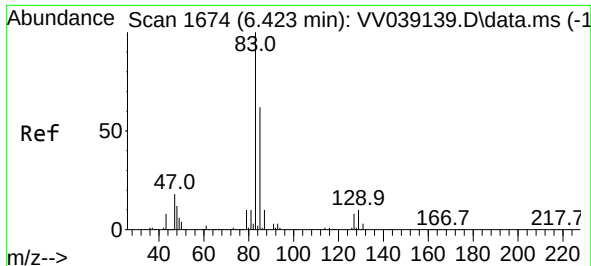
Ion Ratio Lower Upper

93 100

95 0.0 65.5 98.3#

174 0.0 69.0 103.4#

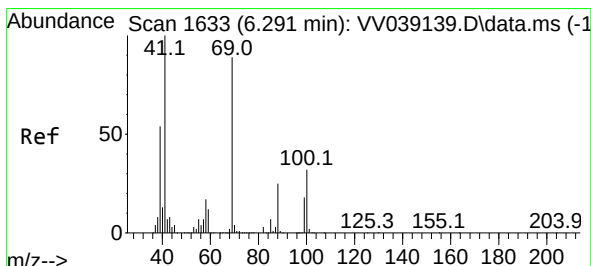
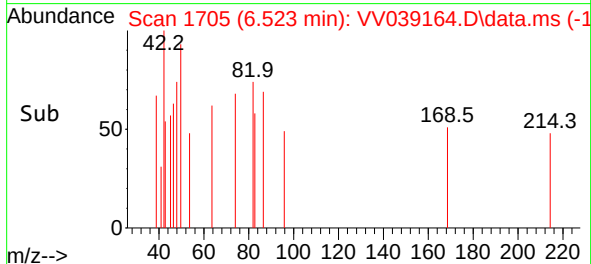
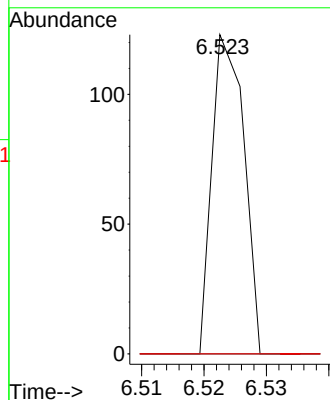
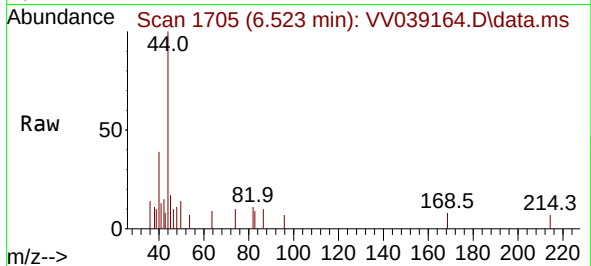




#47
Bromodichloromethane
Concen: 4.004 ug/l
RT: 6.523 min Scan# 1
Delta R.T. 0.100 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

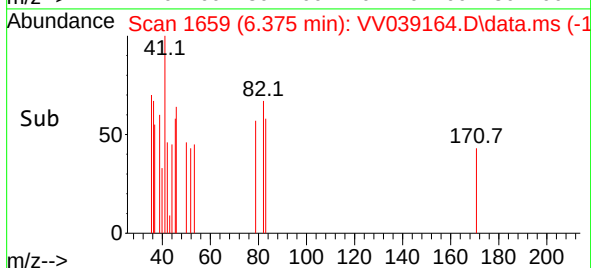
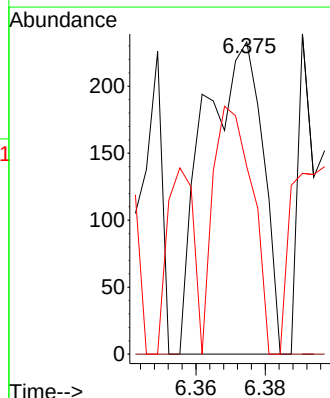
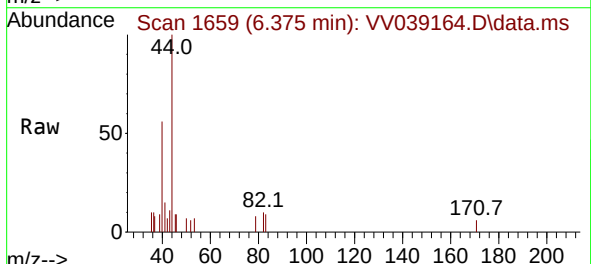
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

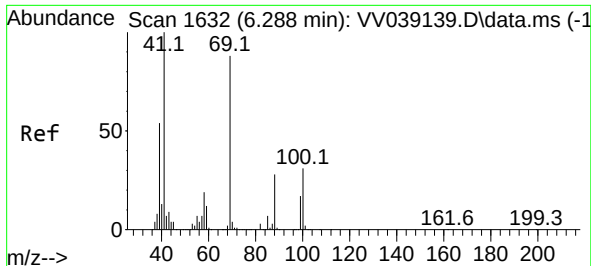
Tgt Ion: 83 Resp: 44
Ion Ratio Lower Upper
83 100
85 0.0 49.7 74.5#
127 0.0 6.6 9.8#



#48
Methyl methacrylate
Concen: 42.886 ug/l
RT: 6.375 min Scan# 1659
Delta R.T. 0.084 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 41 Resp: 276
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 52.5 42.5 63.7





#49

1,4-Dioxane

Concen: 693.263 ug/l

RT: 6.574 min Scan# 1

Delta R.T. 0.286 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

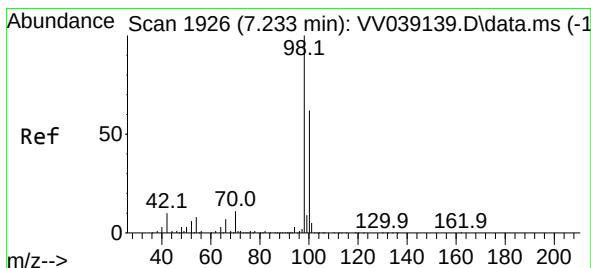
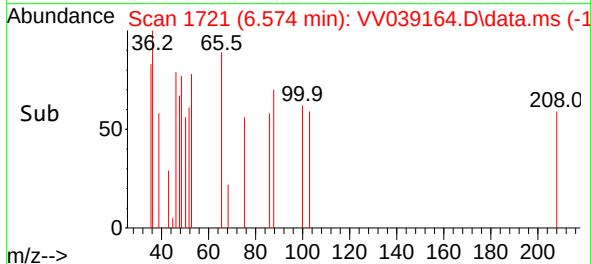
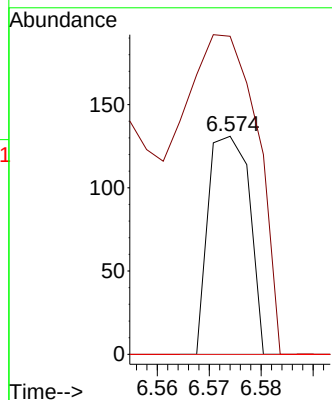
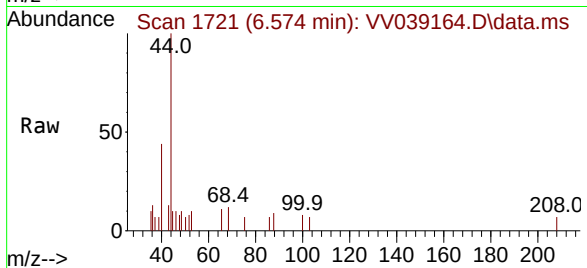
Tgt Ion: 88 Resp: 72

Ion Ratio Lower Upper

88 100

43 261.1 25.1 37.7#

58 0.0 53.6 80.4#



#50

Toluene-d8

Concen: 42.233 ug/l

RT: 7.317 min Scan# 1952

Delta R.T. 0.084 min

Lab File: VV039164.D

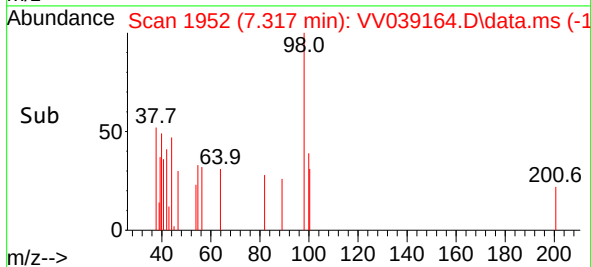
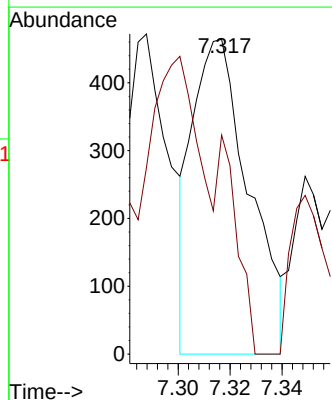
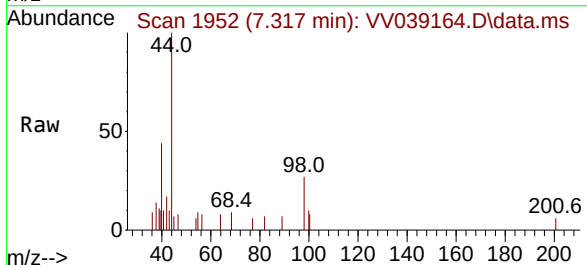
Acq: 24 Sep 2025 19:37

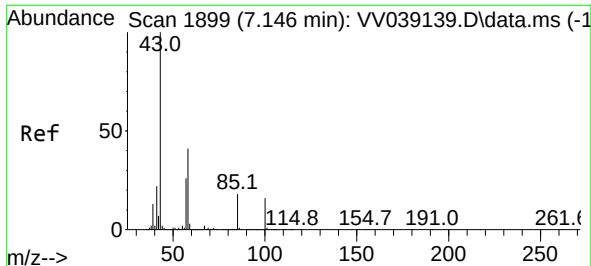
Tgt Ion: 98 Resp: 704

Ion Ratio Lower Upper

98 100

100 0.0 52.2 78.2#





#51

4-Methyl-2-Pentanone

Concen: 12.955 ug/l

RT: 7.320 min Scan# 1953

Delta R.T. 0.174 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

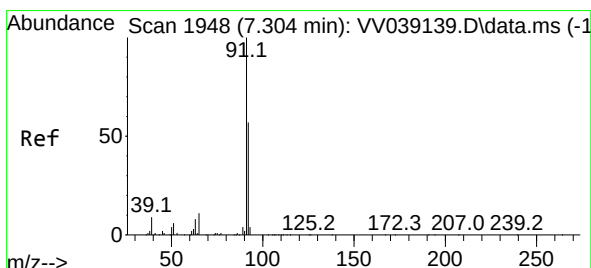
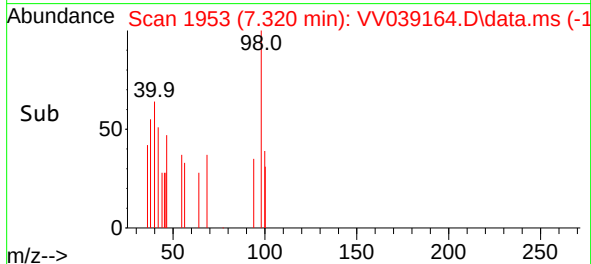
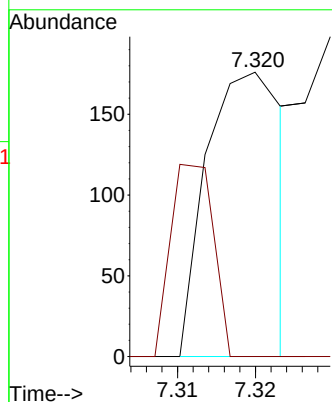
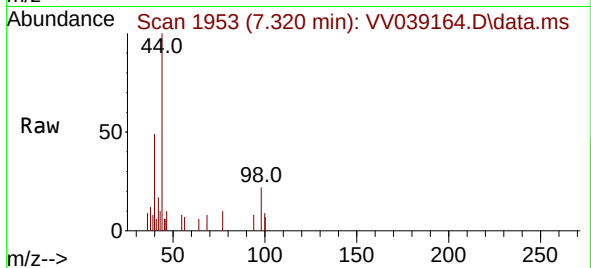
VIBLK

Tgt Ion: 43 Resp: 121

Ion Ratio Lower Upper

43 100

58 38.0 32.3 48.5



#52

Toluene

Concen: 5.308 ug/l

RT: 7.223 min Scan# 1923

Delta R.T. -0.081 min

Lab File: VV039164.D

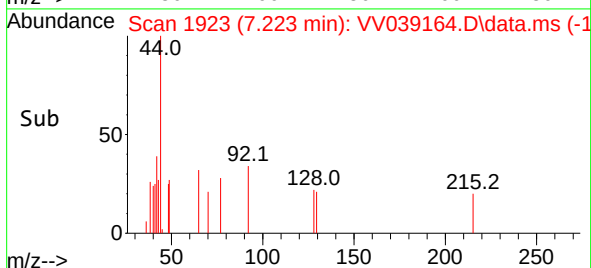
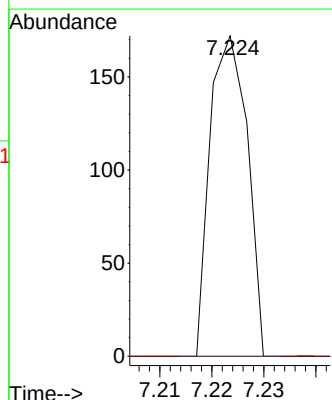
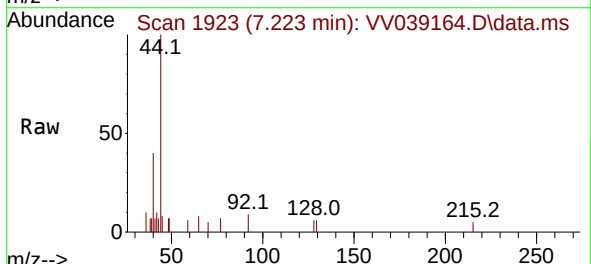
Acq: 24 Sep 2025 19:37

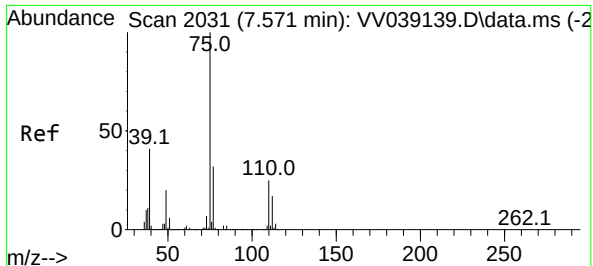
Tgt Ion: 92 Resp: 86

Ion Ratio Lower Upper

92 100

91 0.0 139.2 208.8#





#53

t-1,3-Dichloropropene

Concen: 7.622 ug/l

RT: 7.748 min Scan# 2031

Delta R.T. 0.177 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

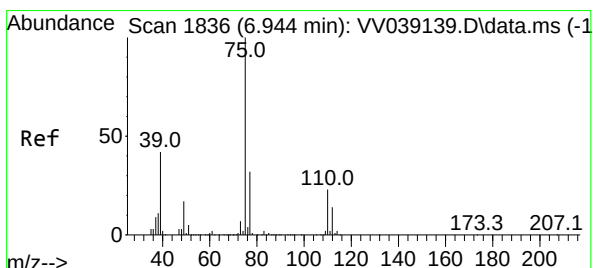
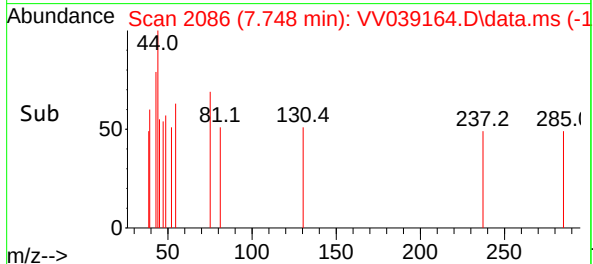
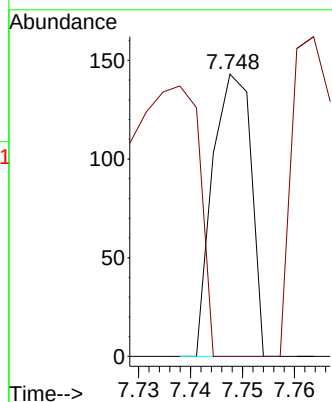
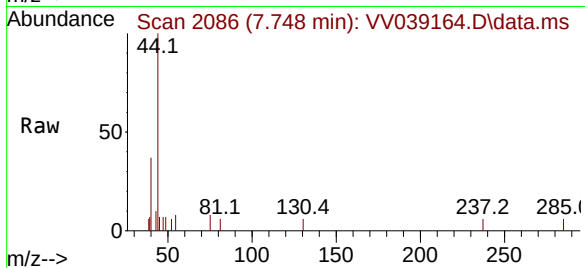
VIBLK

Tgt Ion: 75 Resp: 73

Ion Ratio Lower Upper

75 100

77 0.0 25.9 38.9#



#54

cis-1,3-Dichloropropene

Concen: 8.418 ug/l

RT: 7.021 min Scan# 1860

Delta R.T. 0.077 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

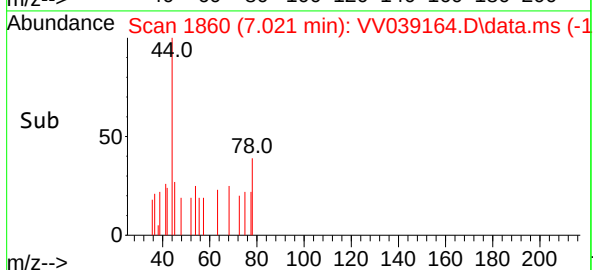
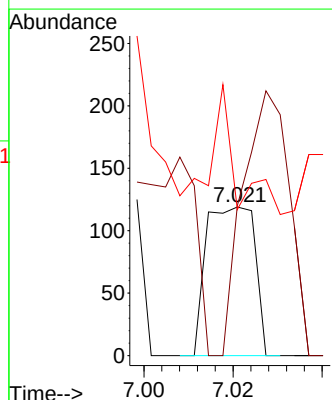
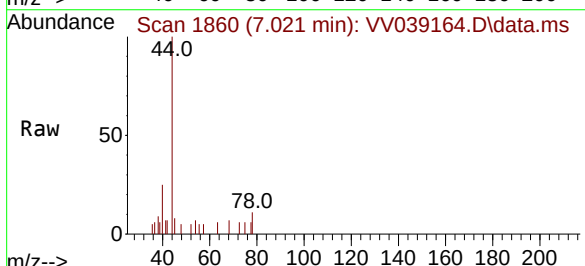
Tgt Ion: 75 Resp: 89

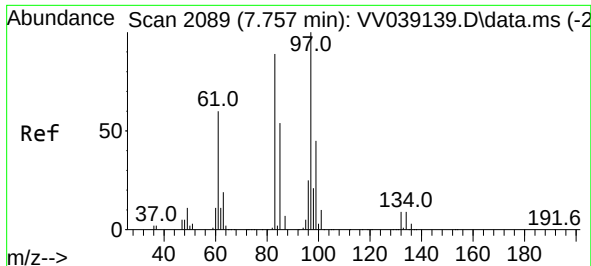
Ion Ratio Lower Upper

75 100

77 0.0 25.5 38.3#

39 3.4 33.8 50.6#

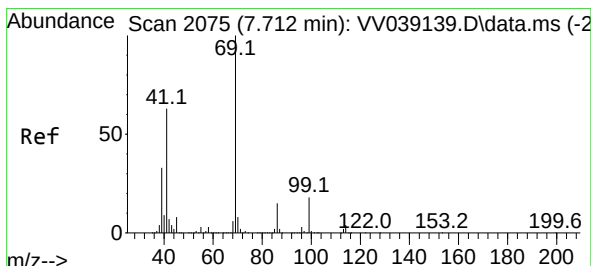
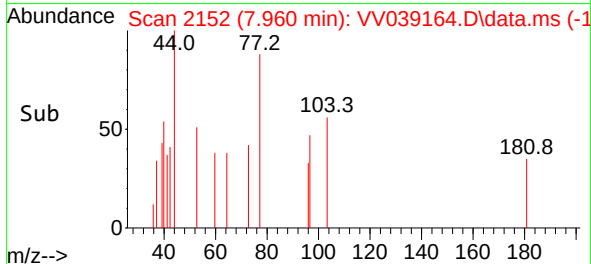
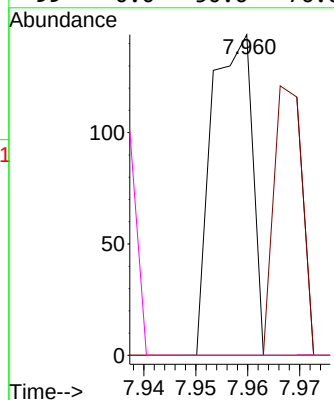
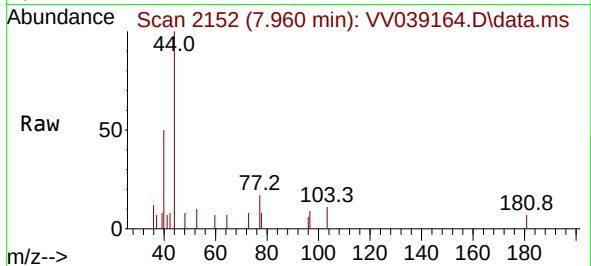




#55
1,1,2-Trichloroethane
Concen: 10.737 ug/l
RT: 7.960 min Scan# 2112
Delta R.T. 0.203 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

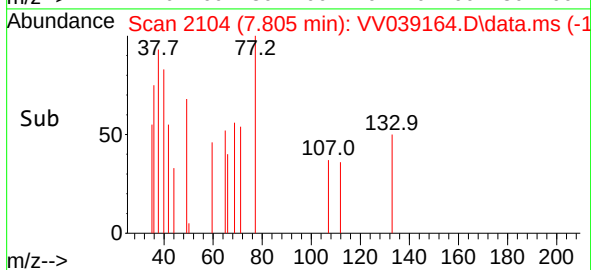
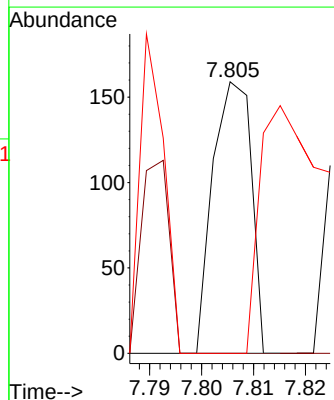
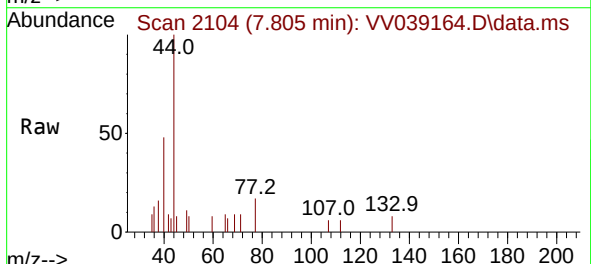
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

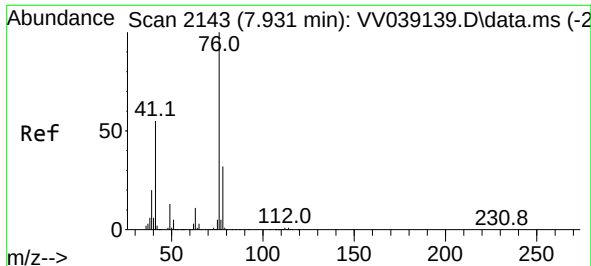
Tgt Ion: 97	Resp:	78	
Ion	Ratio	Lower	Upper
97	100		
83	0.0	71.1	106.7#
85	0.0	44.6	67.0#
99	0.0	50.6	76.0#



#56
Ethyl methacrylate
Concen: 9.505 ug/l
RT: 7.805 min Scan# 2104
Delta R.T. 0.093 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 69	Resp: 82
Ion Ratio	Lower Upper
69 100	
41 51.2	50.7 76.1
39 73.2	26.0 39.0#

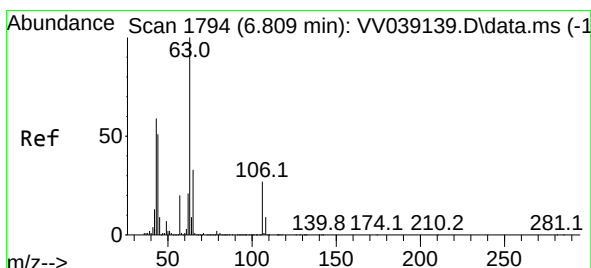
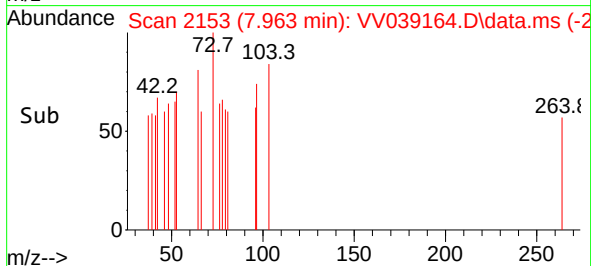
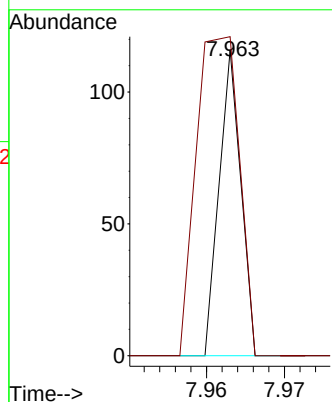
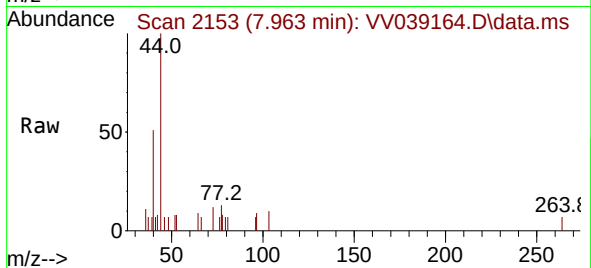




#57
1,3-Dichloropropane
Concen: 1.919 ug/l
RT: 7.963 min Scan# 2143
Delta R.T. 0.032 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

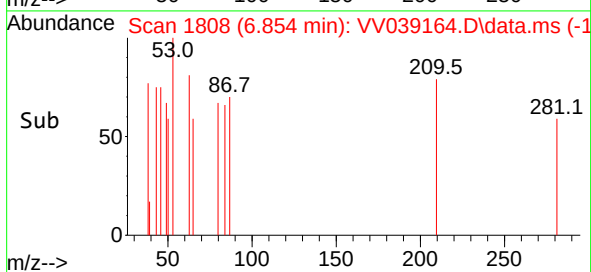
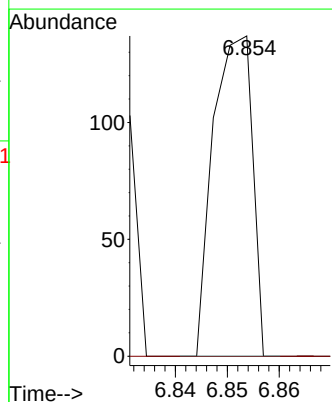
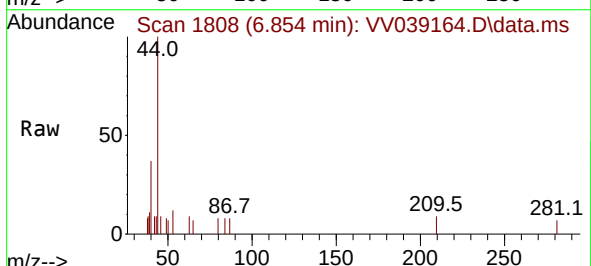
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

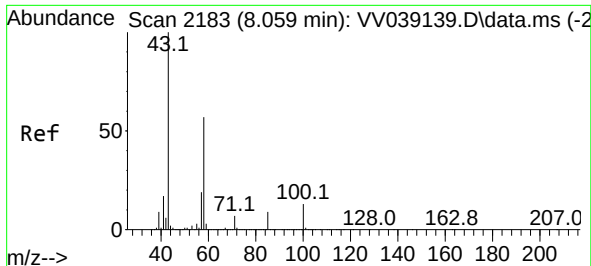
Tgt Ion: 76 Resp: 22
Ion Ratio Lower Upper
76 100
78 209.1 26.1 39.1#



#58
2-Chloroethyl Vinyl ether
Concen: 23.834 ug/l
RT: 6.854 min Scan# 1808
Delta R.T. 0.045 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 63 Resp: 72
Ion Ratio Lower Upper
63 100
106 0.0 22.1 33.1#





#59

2-Hexanone

Concen: 20.985 ug/l

RT: 8.268 min Scan# 2183

Delta R.T. 0.209 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

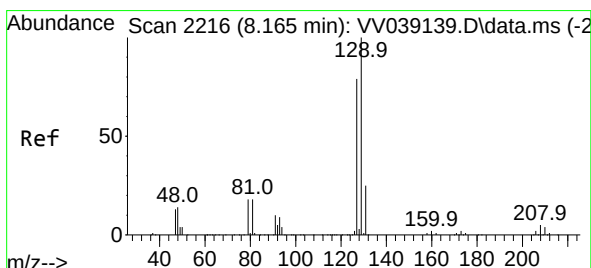
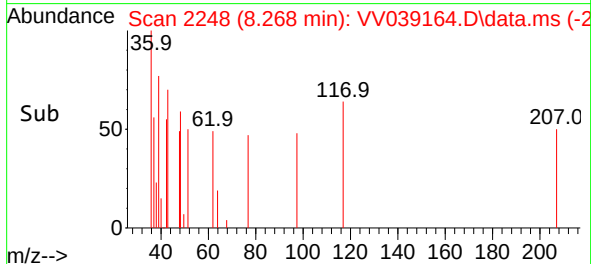
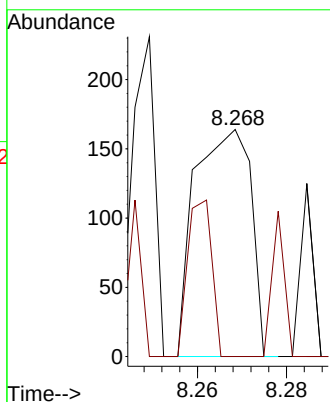
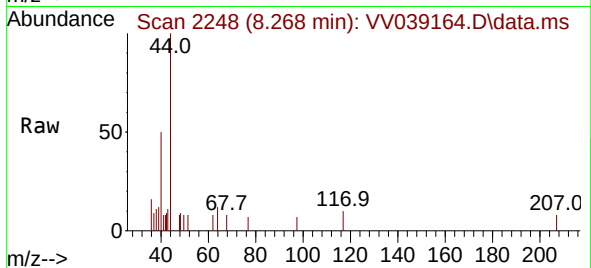
VIBLK

Tgt Ion: 43 Resp: 142

Ion Ratio Lower Upper

43 100

58 29.6 28.3 85.0



#60

Dibromochloromethane

Concen: 5.799 ug/l

RT: 8.310 min Scan# 2261

Delta R.T. 0.145 min

Lab File: VV039164.D

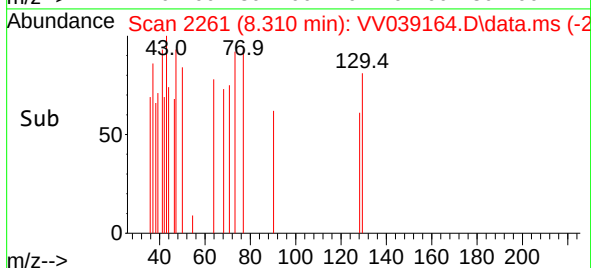
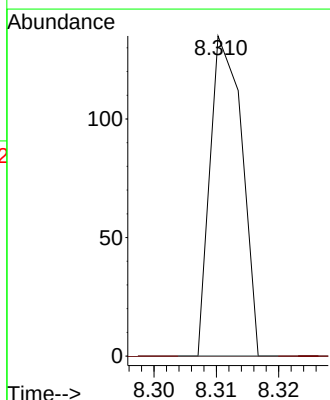
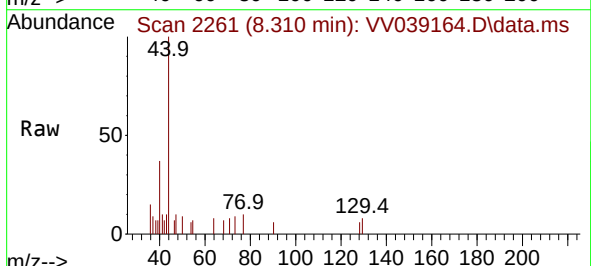
Acq: 24 Sep 2025 19:37

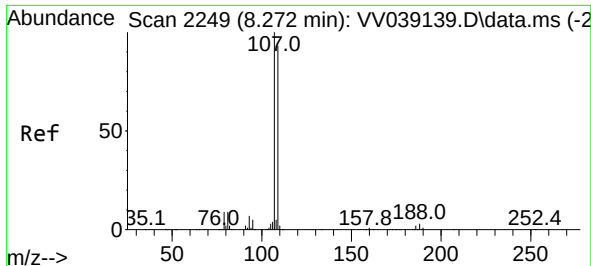
Tgt Ion: 129 Resp: 48

Ion Ratio Lower Upper

129 100

127 0.0 39.3 117.9#

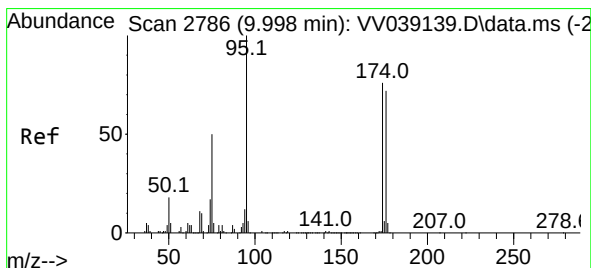
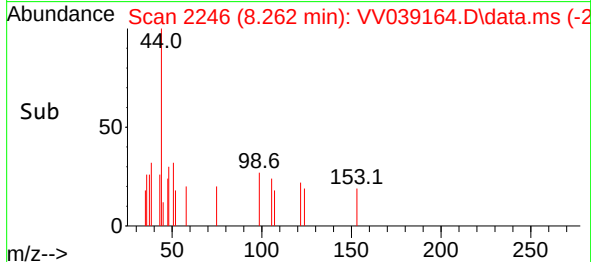
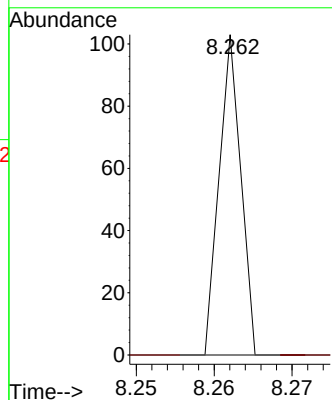
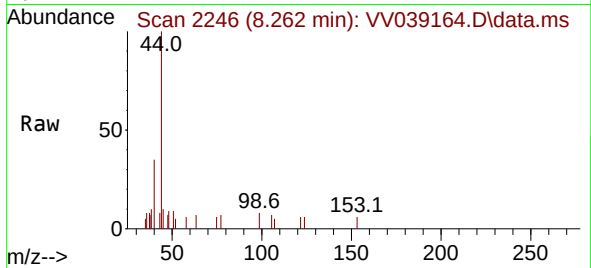




#61
1,2-Dibromoethane
Concen: 2.692 ug/l
RT: 8.262 min Scan# 211
Delta R.T. -0.010 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

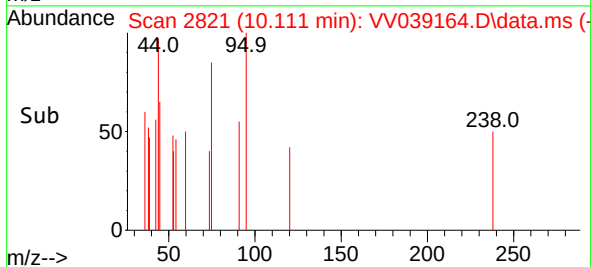
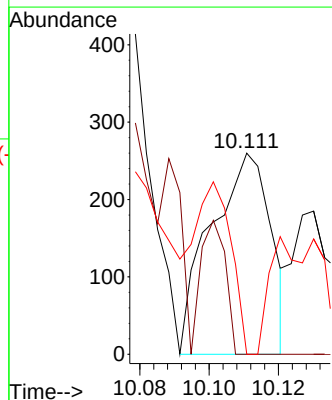
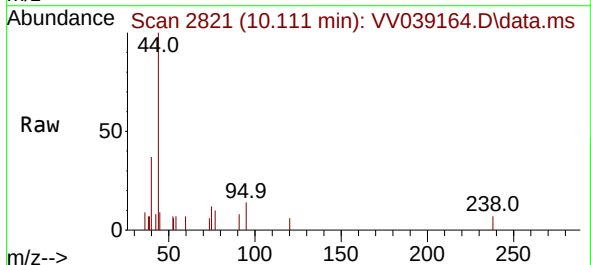
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

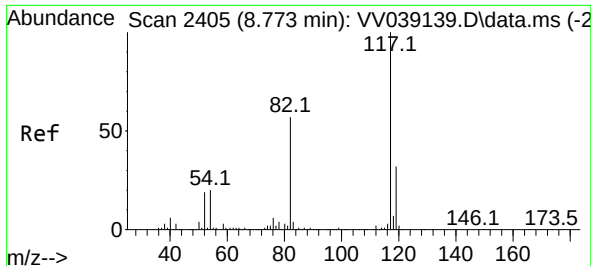
Tgt Ion:107 Resp: 20
Ion Ratio Lower Upper
107 100
109 0.0 74.6 112.0#



#62
4-Bromofluorobenzene
Concen: 45.611 ug/l
RT: 10.111 min Scan# 2821
Delta R.T. 0.113 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 95 Resp: 313
Ion Ratio Lower Upper
95 100
174 27.5 0.0 150.4
176 53.4 0.0 144.2

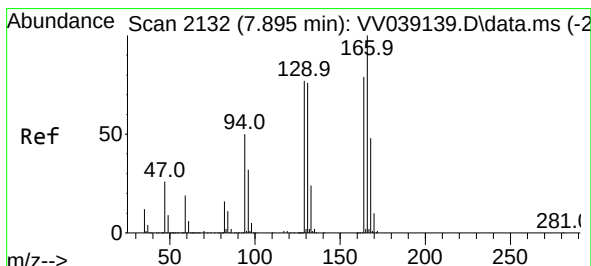
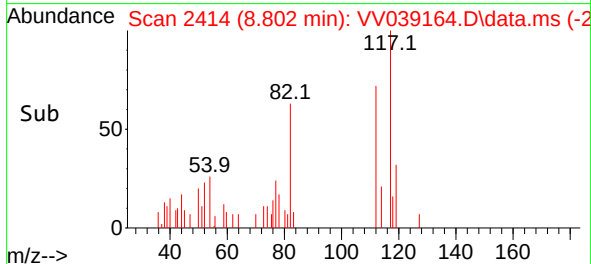
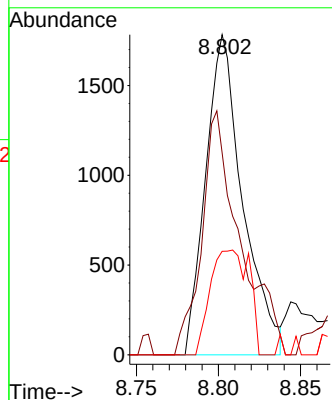
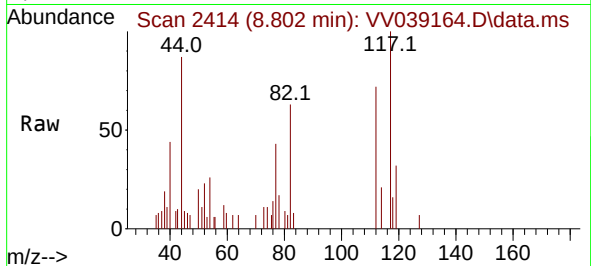




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.802 min Scan# 2405
Delta R.T. 0.029 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

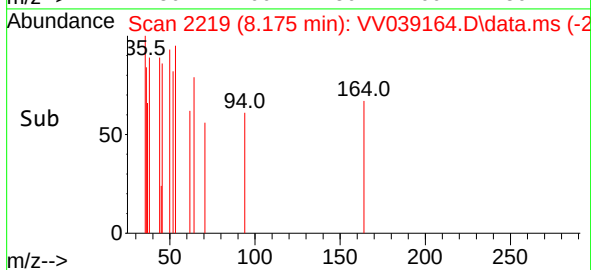
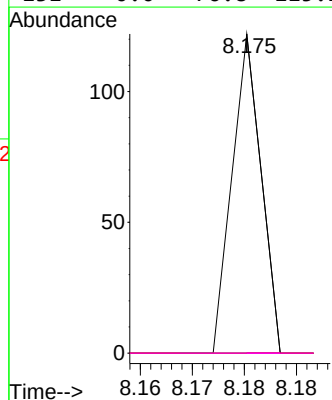
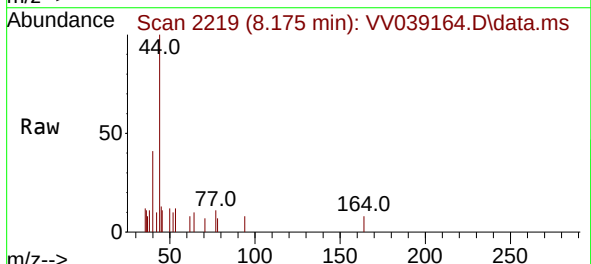
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

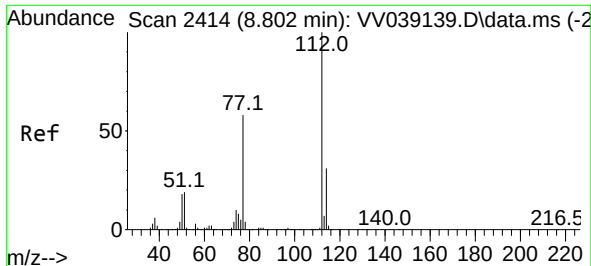
Tgt Ion:117	Resp:	2800
Ion	Ratio	Lower Upper
117	100	
82	56.8	45.4 68.2
119	32.3	25.6 38.4



#64
Tetrachloroethene
Concen: 1.023 ug/l
RT: 8.175 min Scan# 2219
Delta R.T. 0.280 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion:164	Resp:	24
Ion	Ratio	Lower Upper
164	100	
166	0.0	101.6 152.4#
129	0.0	78.5 117.7#
131	0.0	76.8 115.2#

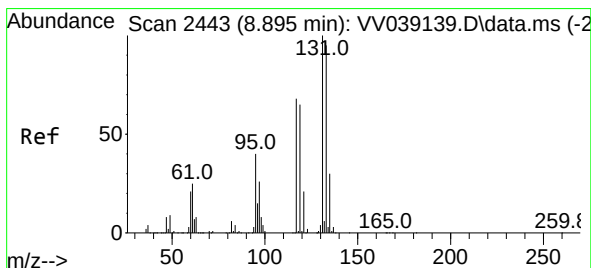
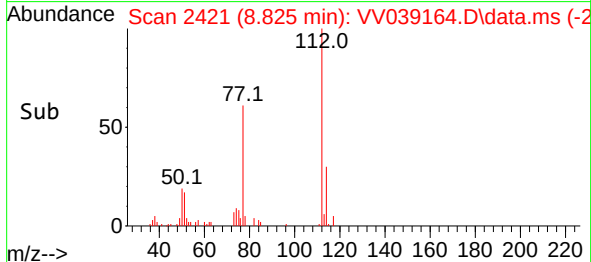
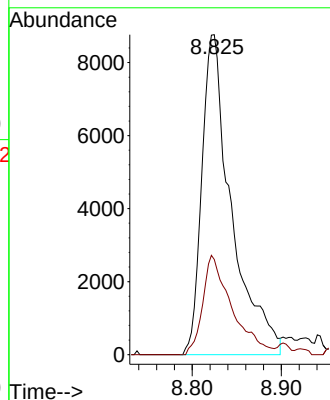
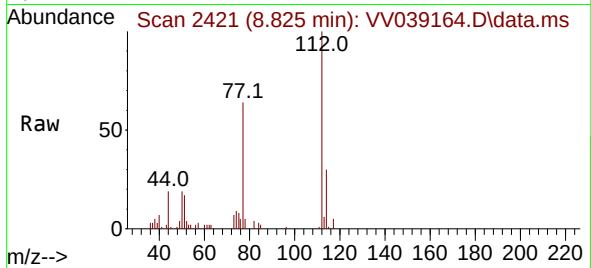




#65
Chlorobenzene
Concen: 259.783 ug/l
RT: 8.825 min Scan# 2414
Delta R.T. 0.023 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

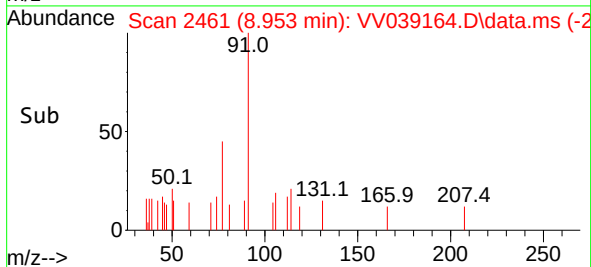
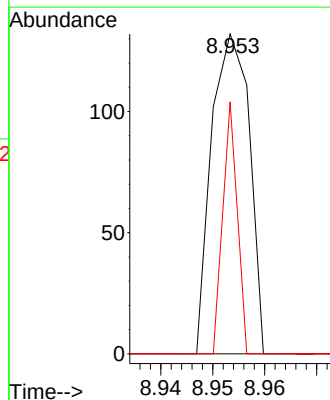
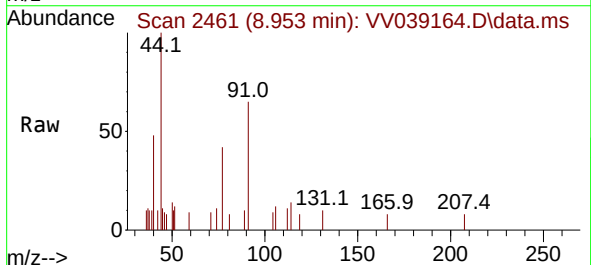
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

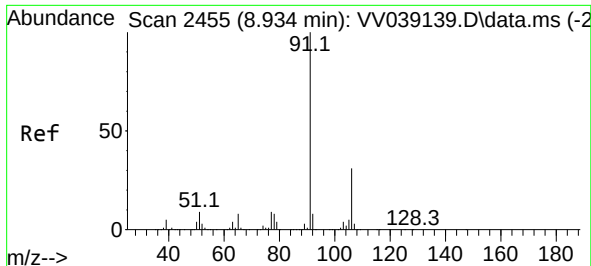
Tgt Ion:112 Resp: 20261
Ion Ratio Lower Upper
112 100
114 29.8 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 2.378 ug/l
RT: 8.953 min Scan# 2461
Delta R.T. 0.058 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion:131 Resp: 67
Ion Ratio Lower Upper
131 100
133 0.0 47.3 141.8#
119 0.0 33.3 99.8#





#67

Ethyl Benzene

Concen: 0.779 ug/l

RT: 8.918 min Scan# 2455

Delta R.T. -0.016 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

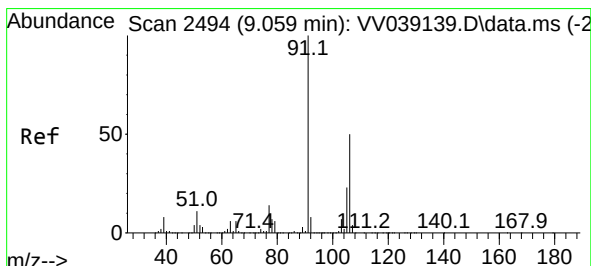
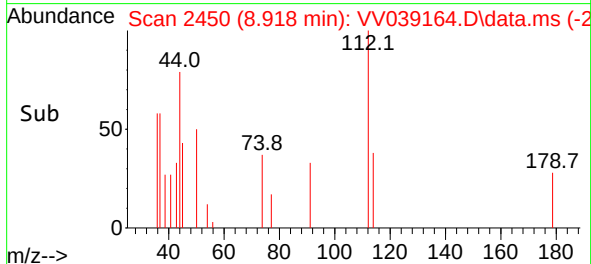
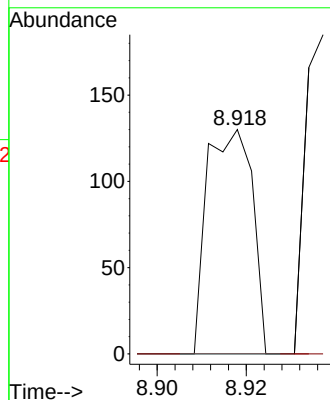
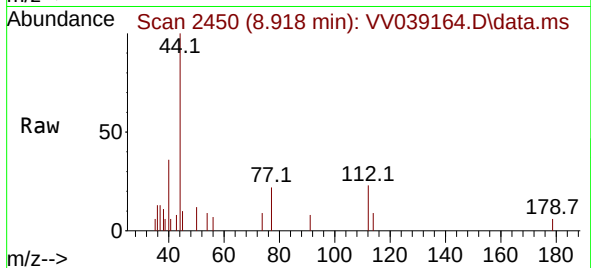
VIBLK

Tgt Ion: 91 Resp: 92

Ion Ratio Lower Upper

91 100

106 0.0 24.6 37.0#



#68

m/p-Xylenes

Concen: 31.142 ug/l

RT: 9.095 min Scan# 2505

Delta R.T. 0.036 min

Lab File: VV039164.D

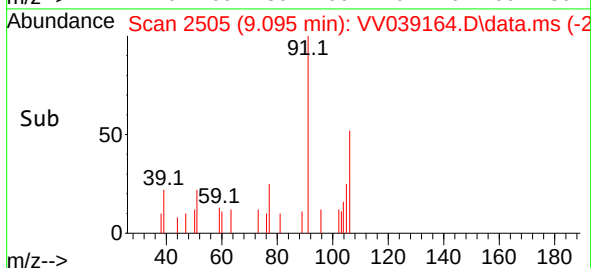
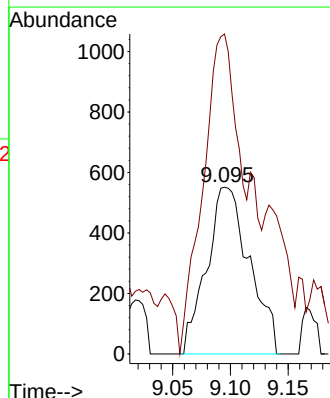
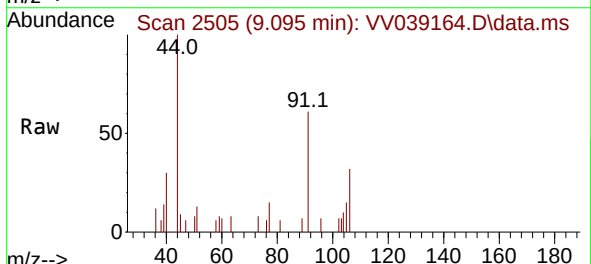
Acq: 24 Sep 2025 19:37

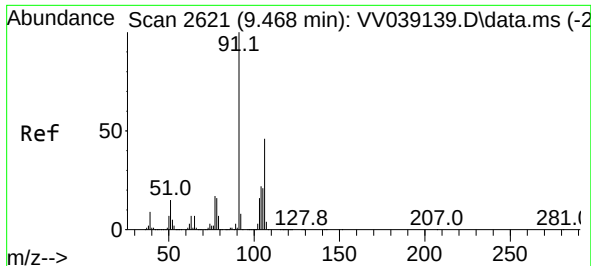
Tgt Ion: 106 Resp: 1419

Ion Ratio Lower Upper

106 100

91 160.3 162.5 243.7#





#69

o-Xylene

Concen: 1.066 ug/l

RT: 9.487 min Scan# 2

Delta R.T. 0.019 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

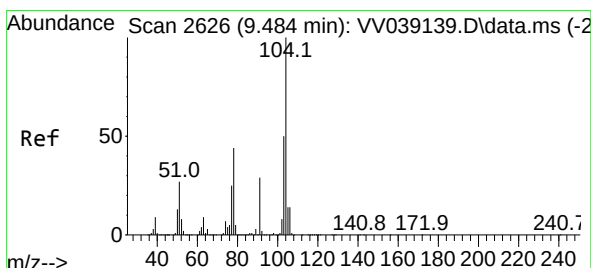
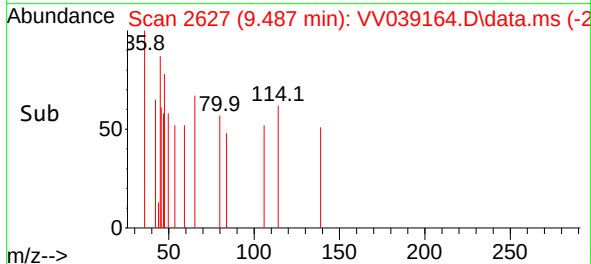
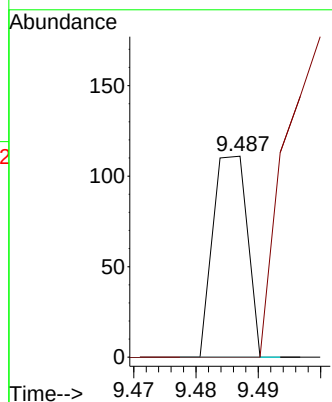
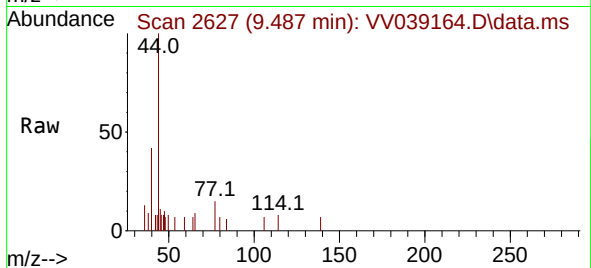
VIBLK

Tgt Ion:106 Resp: 43

Ion Ratio Lower Upper

106 100

91 258.1 109.1 327.3



#70

Styrene

Concen: 2.046 ug/l

RT: 9.616 min Scan# 2667

Delta R.T. 0.132 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

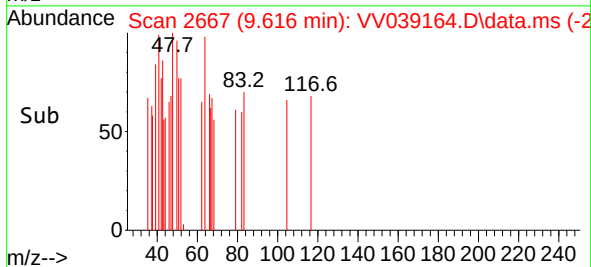
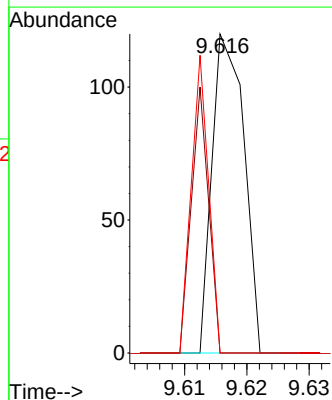
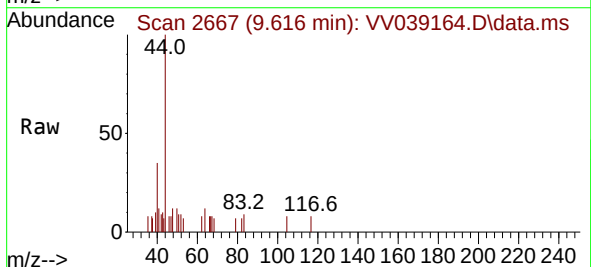
Tgt Ion:104 Resp: 43

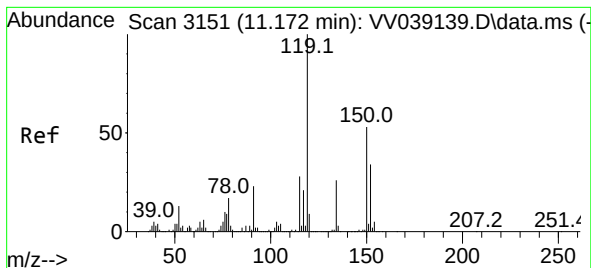
Ion Ratio Lower Upper

104 100

78 44.2 39.8 59.6

103 51.2 43.4 65.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.201 min Scan# 3151

Delta R.T. 0.029 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

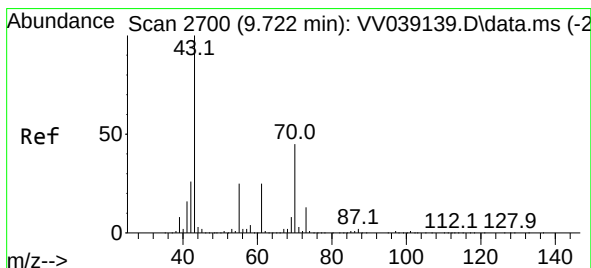
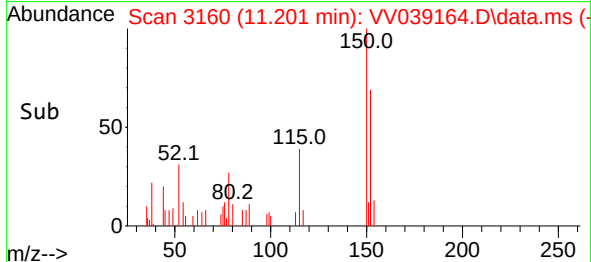
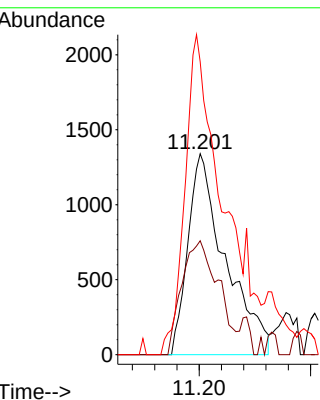
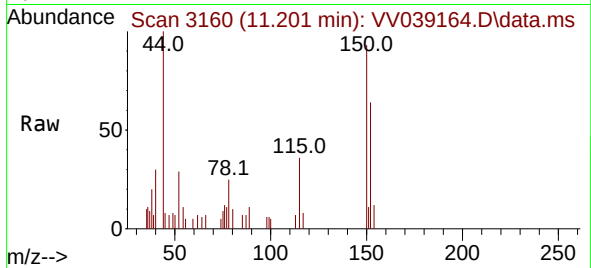
Tgt Ion:152 Resp: 3124

Ion Ratio Lower Upper

152 100

115 55.3 44.8 134.4

150 162.1 0.0 353.8



#74

N-ethyl acetate

Concen: 2.080 ug/l

RT: 9.738 min Scan# 2705

Delta R.T. 0.016 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Tgt Ion: 43 Resp: 188

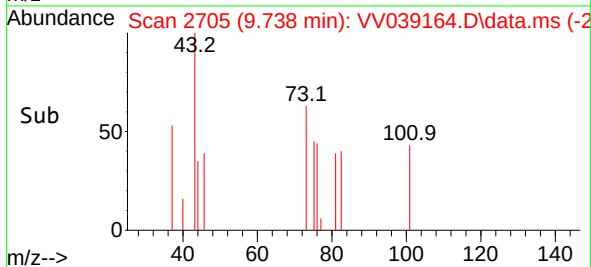
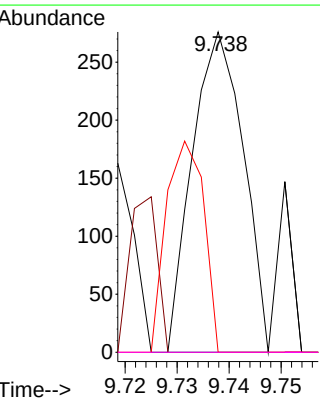
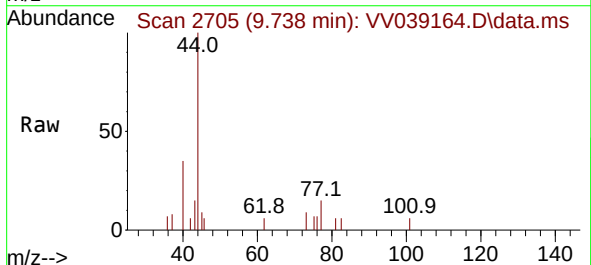
Ion Ratio Lower Upper

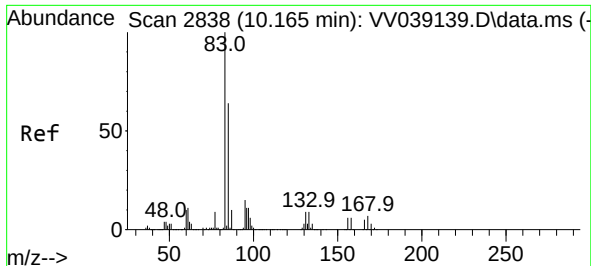
43 100

70 26.6 35.4 53.0#

55 48.4 20.6 30.8#

61 0.0 19.5 29.3#

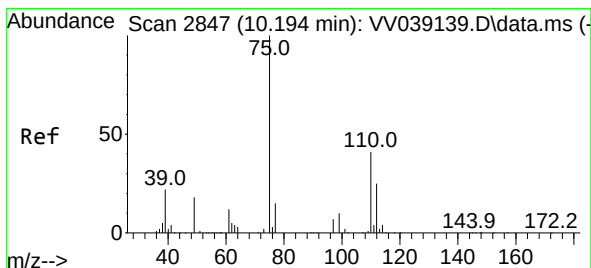
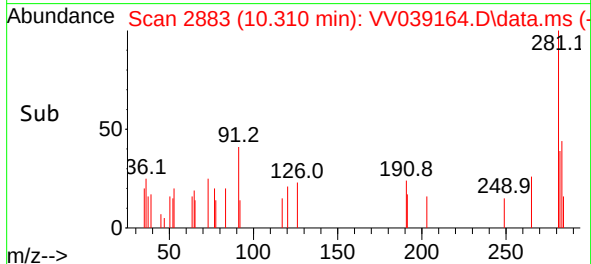
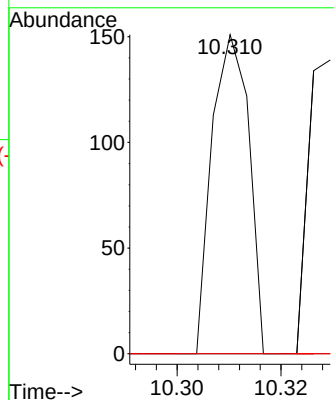
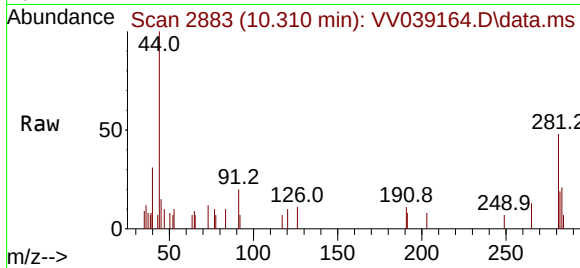




#75
1,1,2,2-Tetrachloroethane
Concen: 0.745 ug/l
RT: 10.310 min Scan# 2883
Delta R.T. 0.145 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

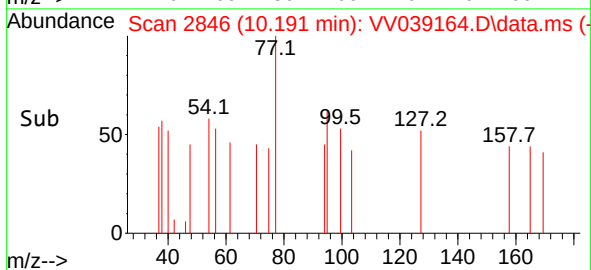
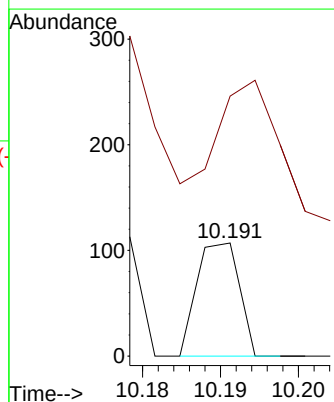
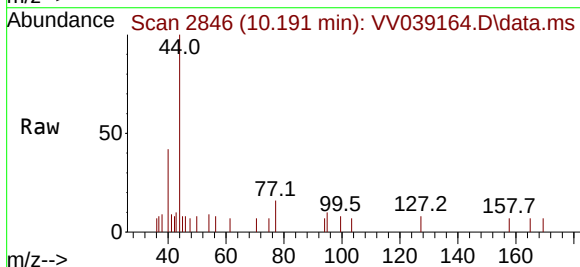
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

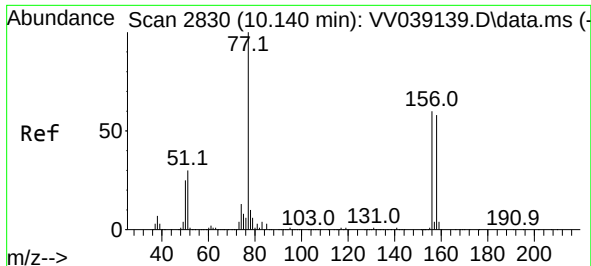
Tgt Ion: 83 Resp: 74
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.7#
85 0.0 31.9 95.9#



#76
1,2,3-Trichloropropane
Concen: 0.576 ug/l
RT: 10.191 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 75 Resp: 41
Ion Ratio Lower Upper
75 100
77 304.9 11.3 33.8#

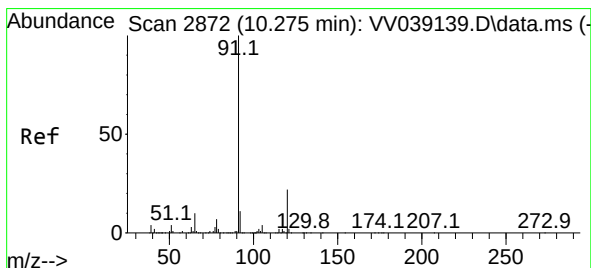
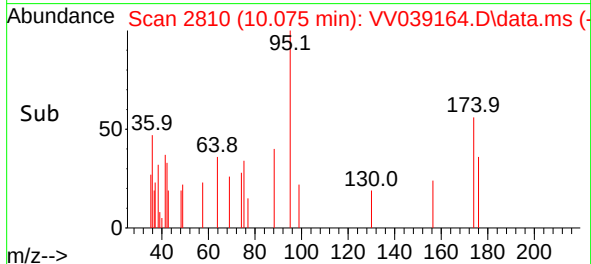
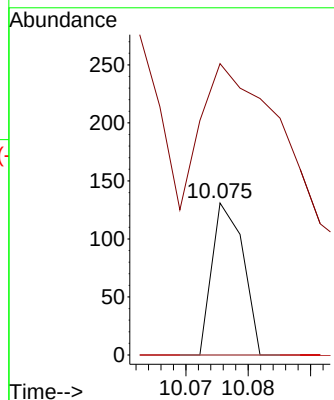
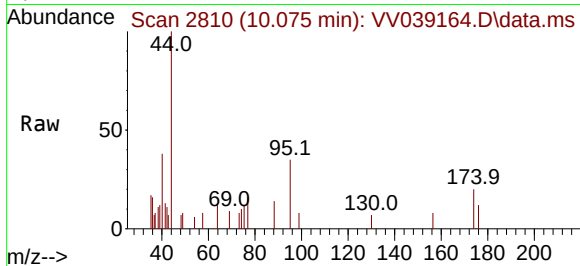




#77
Bromobenzene
Concen: 0.765 ug/l
RT: 10.075 min Scan# 2810
Delta R.T. -0.064 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

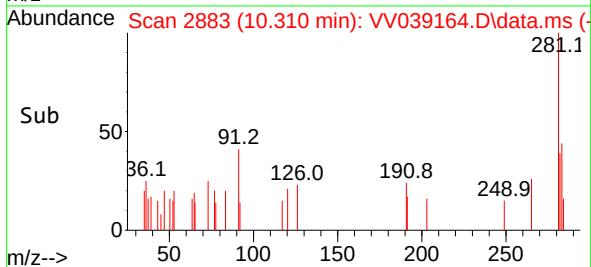
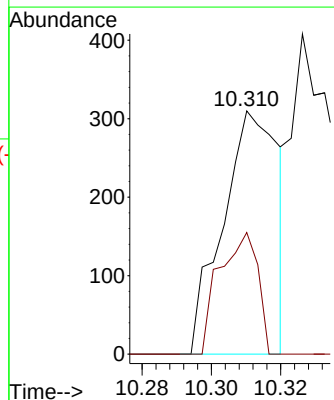
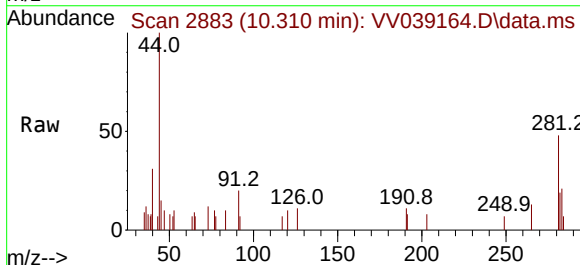
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

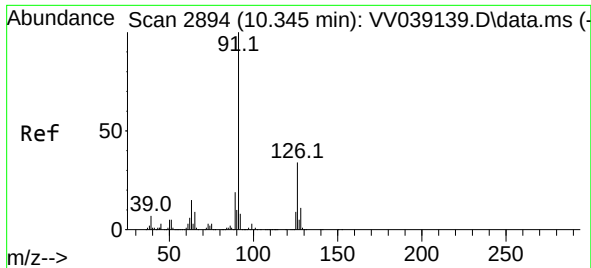
Tgt Ion	Ratio	Lower	Upper
156	100		
77	297.8	83.4	250.1#
158	0.0	48.8	146.4#



#78
n-propylbenzene
Concen: 1.247 ug/l
RT: 10.310 min Scan# 2883
Delta R.T. 0.035 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	34.6	11.1	33.3#

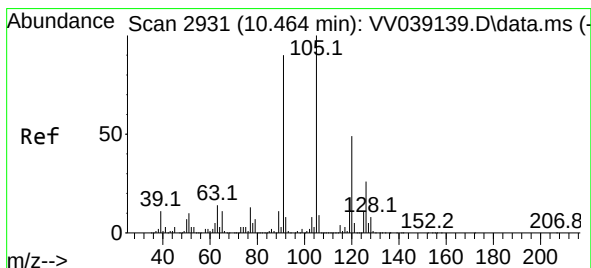
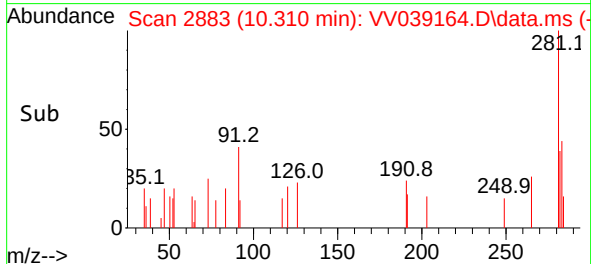
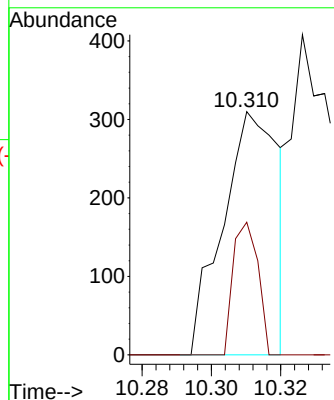
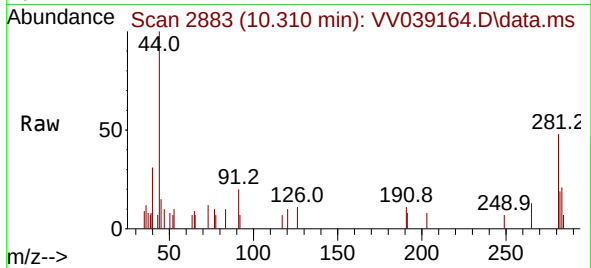




#79
2-Chlorotoluene
Concen: 2.084 ug/l
RT: 10.310 min Scan# 2883
Delta R.T. -0.035 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

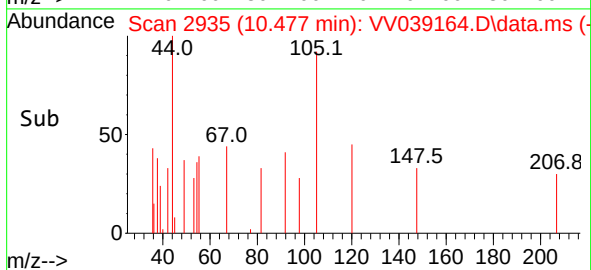
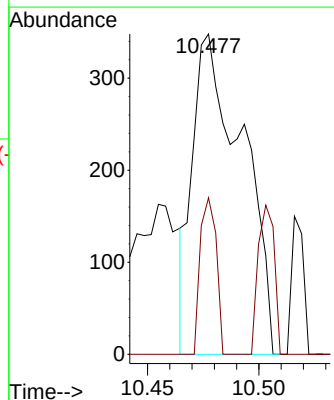
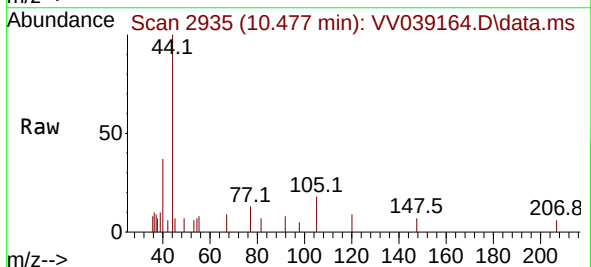
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

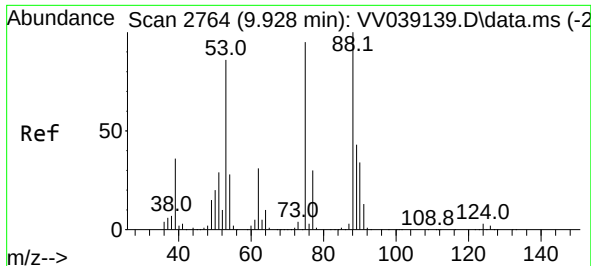
Tgt Ion: 91 Resp: 344
Ion Ratio Lower Upper
91 100
126 24.4 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 2.878 ug/l
RT: 10.477 min Scan# 2935
Delta R.T. 0.013 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion: 105 Resp: 542
Ion Ratio Lower Upper
105 100
120 15.7 24.3 72.8#

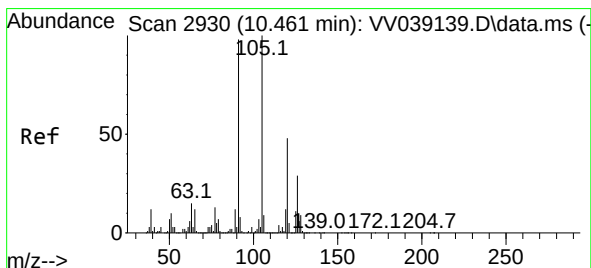
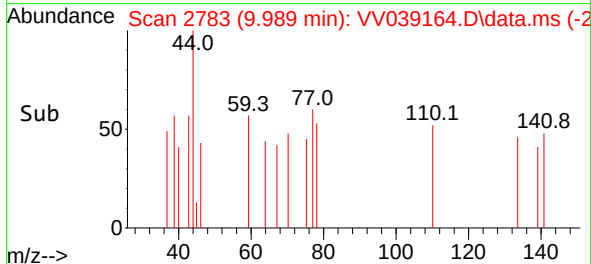
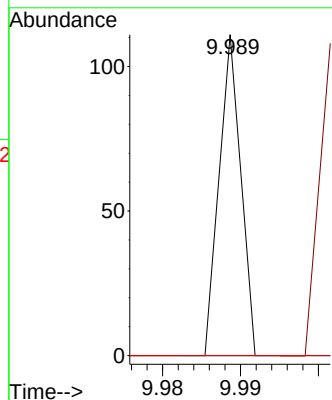
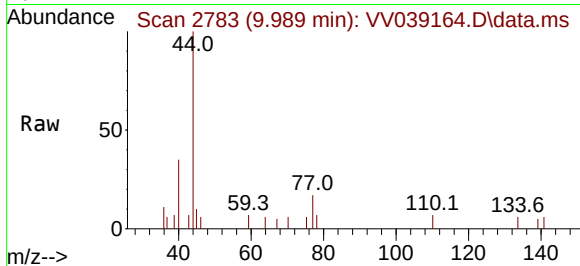




#81
 trans-1,4-Dichloro-2-butene
 Concen: 0.709 ug/l
 RT: 9.989 min Scan# 21
 Delta R.T. 0.061 min
 Lab File: VV039164.D
 Acq: 24 Sep 2025 19:37

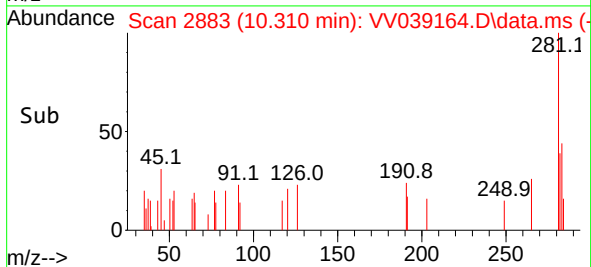
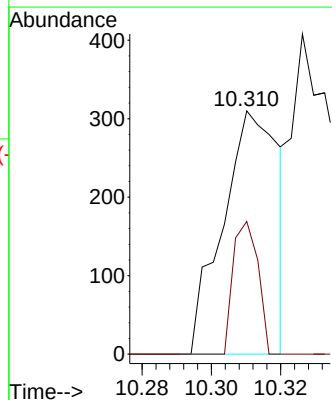
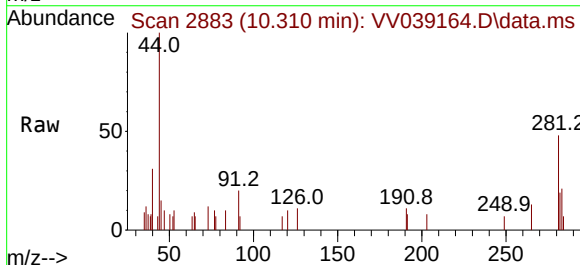
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

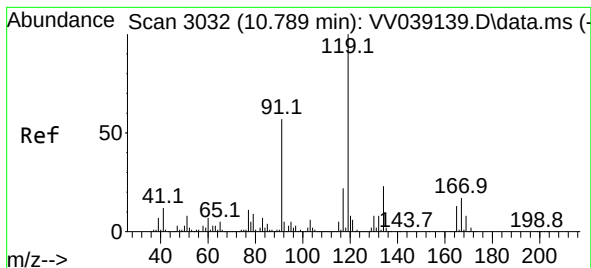
Tgt Ion: 75 Resp: 21
 Ion Ratio Lower Upper
 75 100
 53 0.0 72.5 108.7#
 89 0.0 37.2 55.8#



#82
 4-Chlorotoluene
 Concen: 1.797 ug/l
 RT: 10.310 min Scan# 2883
 Delta R.T. -0.151 min
 Lab File: VV039164.D
 Acq: 24 Sep 2025 19:37

Tgt Ion: 91 Resp: 344
 Ion Ratio Lower Upper
 91 100
 126 24.4 14.5 43.6





#83

tert-Butylbenzene

Concen: 0.442 ug/l

RT: 10.606 min Scan# 29

Delta R.T. -0.183 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

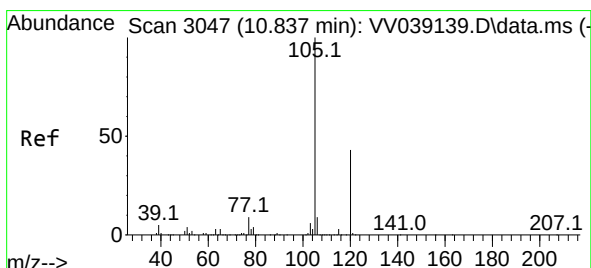
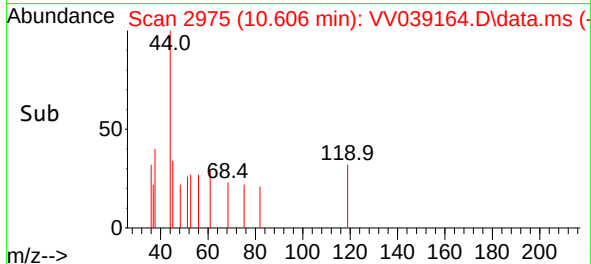
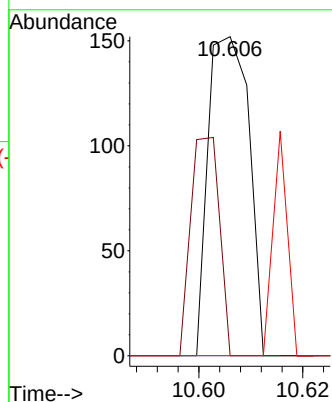
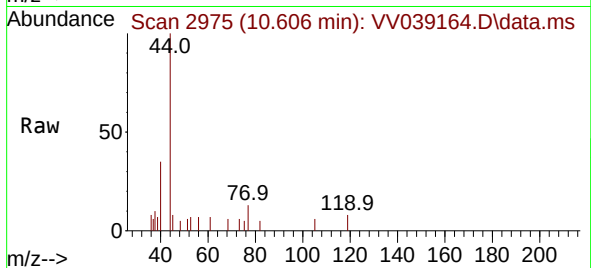
Tgt Ion:119 Resp: 83

Ion Ratio Lower Upper

119 100

91 48.2 28.5 85.6

134 25.3 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 7.115 ug/l

RT: 10.863 min Scan# 3055

Delta R.T. 0.026 min

Lab File: VV039164.D

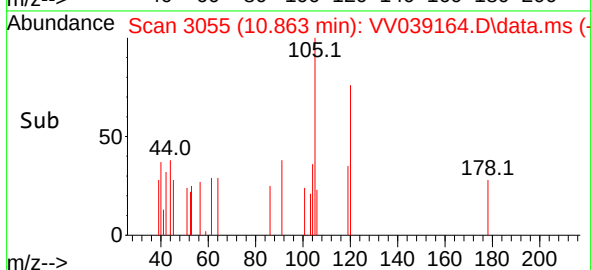
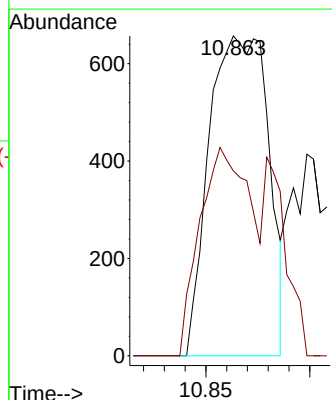
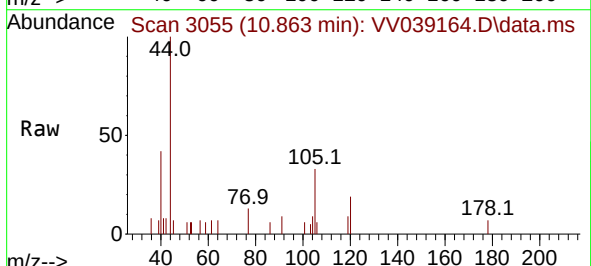
Acq: 24 Sep 2025 19:37

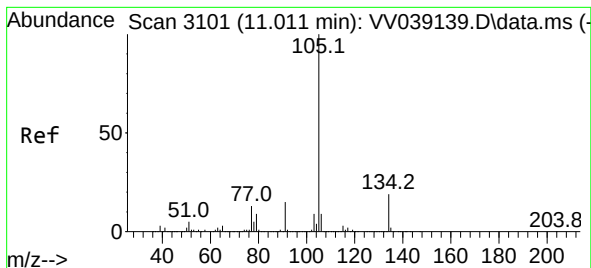
Tgt Ion:105 Resp: 1301

Ion Ratio Lower Upper

105 100

120 55.9 22.4 67.2





#85

sec-Butylbenzene

Concen: 0.377 ug/l

RT: 11.008 min Scan# 3100

Delta R.T. -0.003 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Instrument :

MSVOA_V

ClientSampleId :

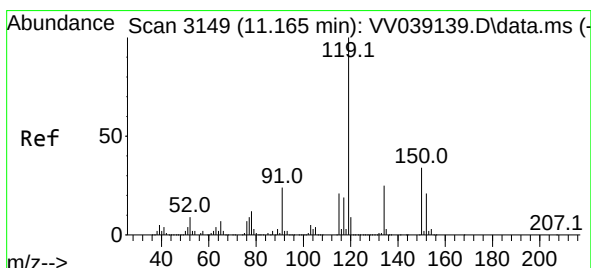
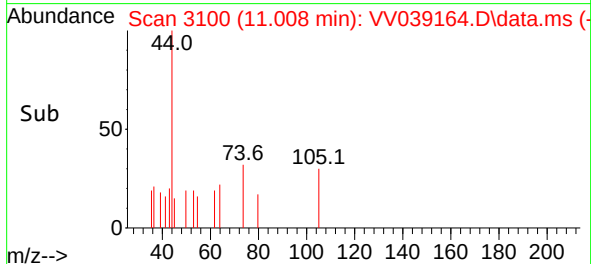
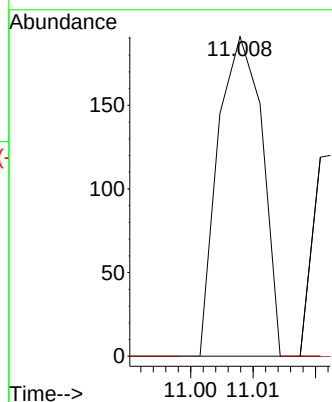
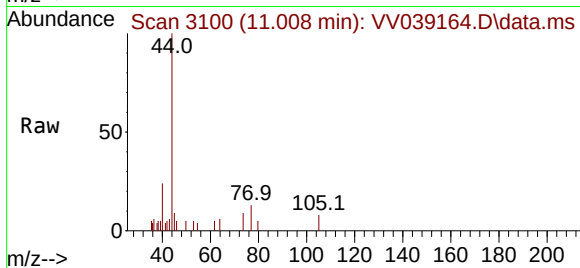
VIBLK

Tgt Ion:105 Resp: 94

Ion Ratio Lower Upper

105 100

134 0.0 9.6 28.8#



#86

p-Isopropyltoluene

Concen: 0.275 ug/l

RT: 11.162 min Scan# 3148

Delta R.T. -0.003 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

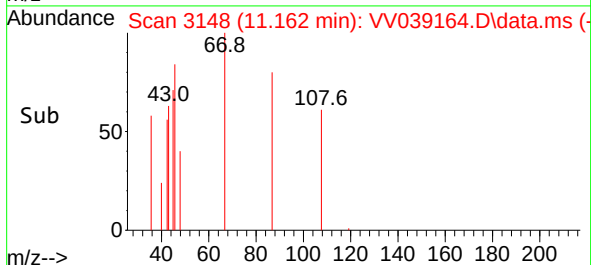
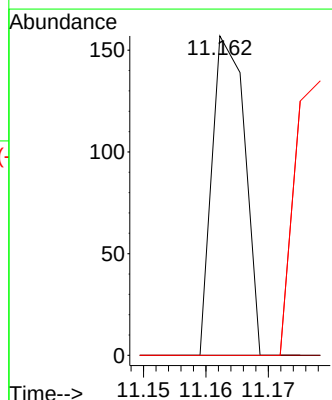
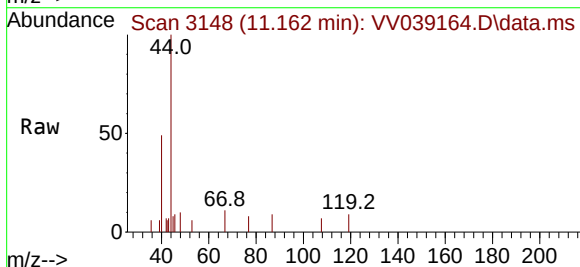
Tgt Ion:119 Resp: 57

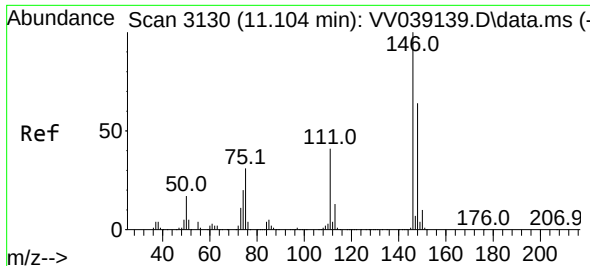
Ion Ratio Lower Upper

119 100

134 33.3 12.7 38.0

91 0.0 12.0 36.1#

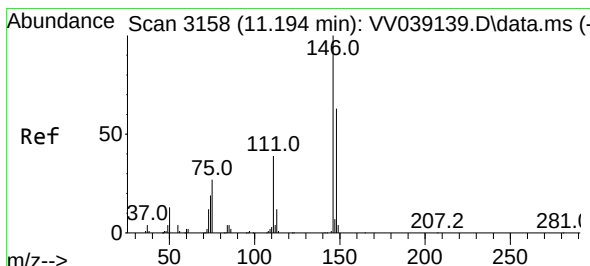
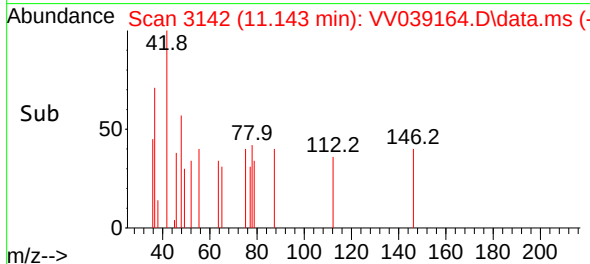
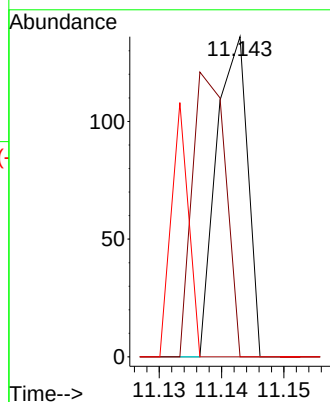
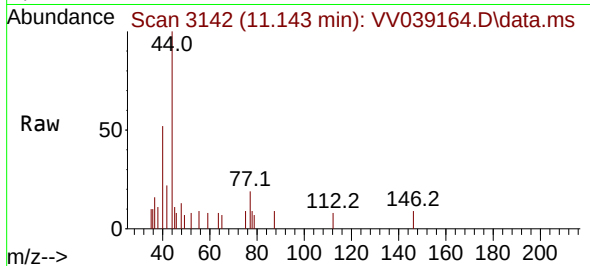




#87
1,3-Dichlorobenzene
Concen: 0.395 ug/l
RT: 11.143 min Scan# 3142
Delta R.T. 0.039 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

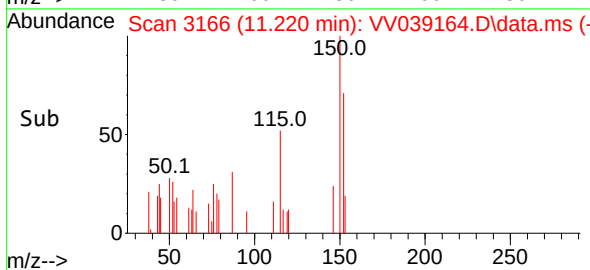
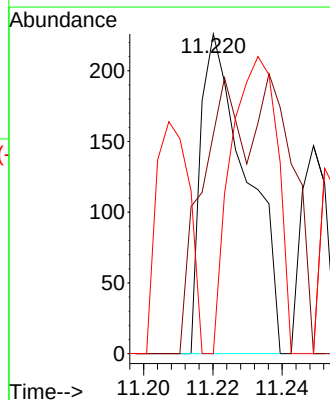
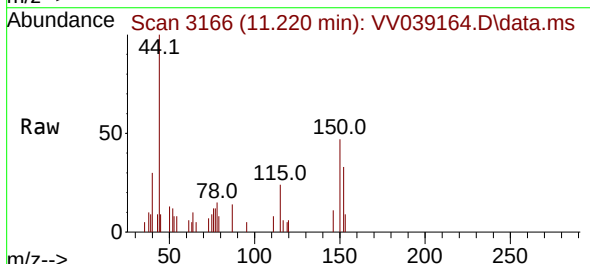
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

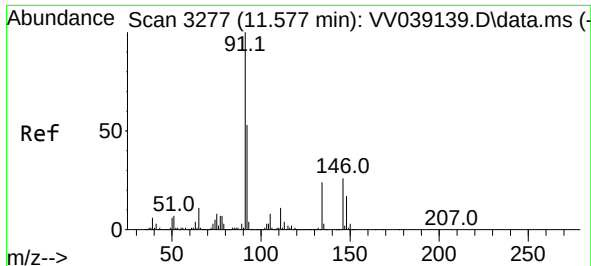
Tgt Ion:146 Resp: 47
Ion Ratio Lower Upper
146 100
111 95.7 20.9 62.8#
148 44.7 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 1.601 ug/l
RT: 11.220 min Scan# 3166
Delta R.T. 0.026 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion:146 Resp: 209
Ion Ratio Lower Upper
146 100
111 79.9 20.3 60.8#
148 52.6 31.4 94.2





#89

n-Butylbenzene

Concen: 0.444 ug/l

RT: 11.548 min Scan# 31

Delta R.T. -0.029 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

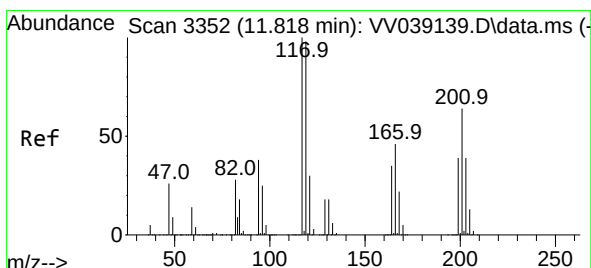
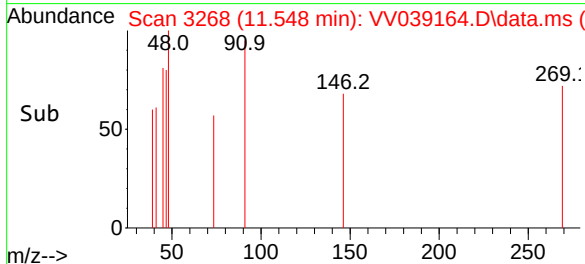
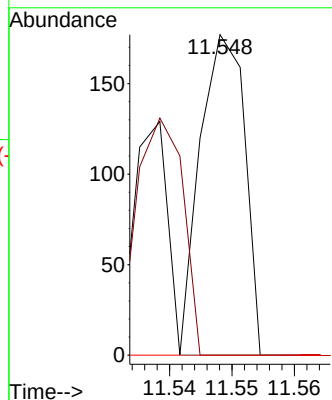
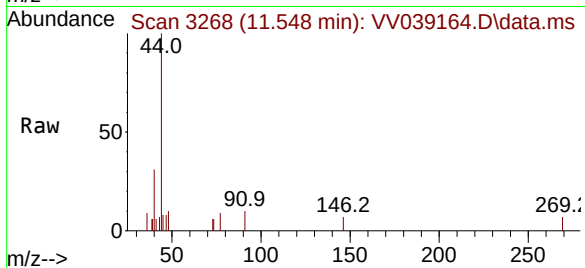
Instrument :

MSVOA_V

ClientSampleId :

VIBLK

Tgt Ion:	91	Resp:	88
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.6	79.8#
134	0.0	12.1	36.3#



#90

Hexachloroethane

Concen: 1.998 ug/l

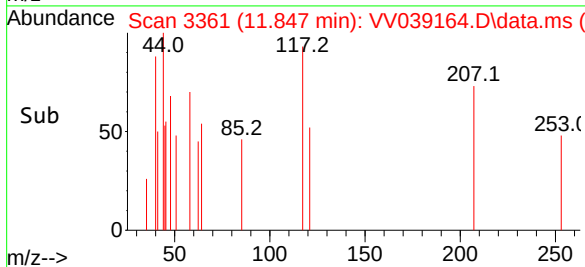
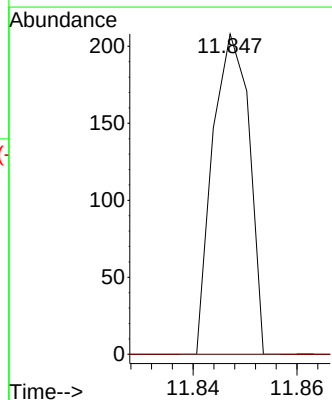
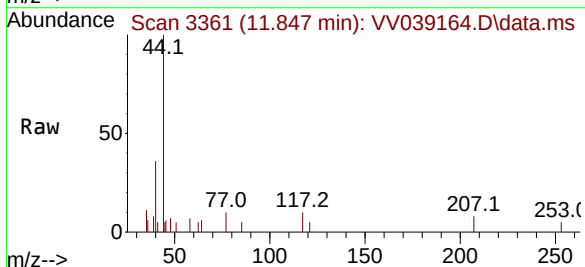
RT: 11.847 min Scan# 3361

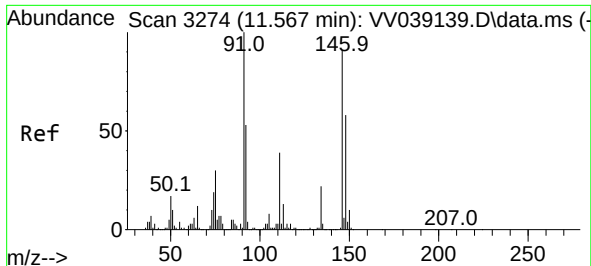
Delta R.T. 0.029 min

Lab File: VV039164.D

Acq: 24 Sep 2025 19:37

Tgt Ion:	117	Resp:	102
Ion	Ratio	Lower	Upper
117	100		
201	0.0	32.3	96.8#

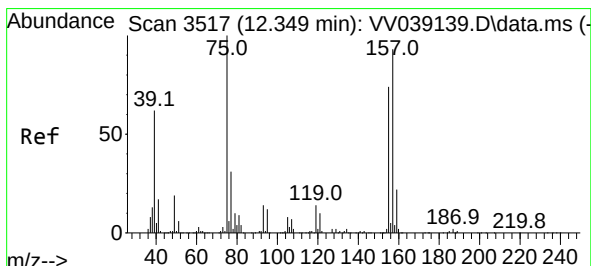
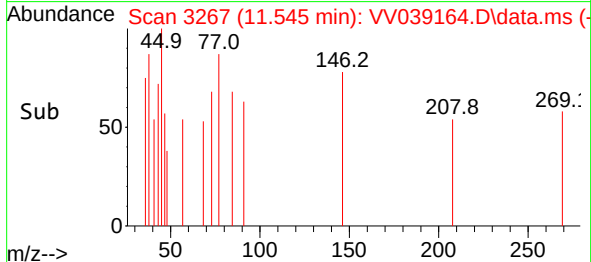
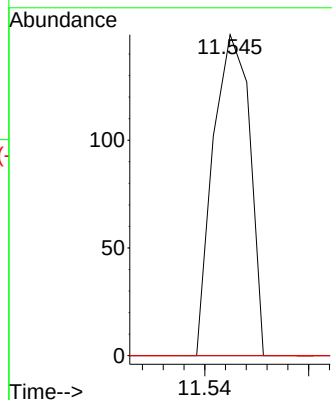
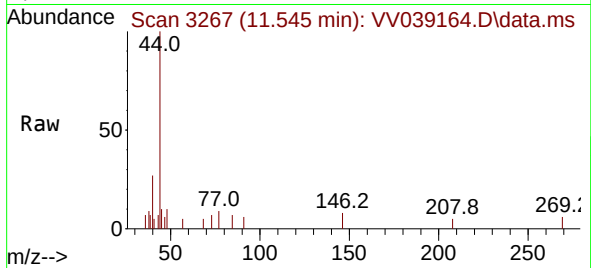




#91
 1,2-Dichlorobenzene
 Concen: 0.657 ug/l
 RT: 11.545 min Scan# 31
 Delta R.T. -0.022 min
 Lab File: VV039164.D
 Acq: 24 Sep 2025 19:37

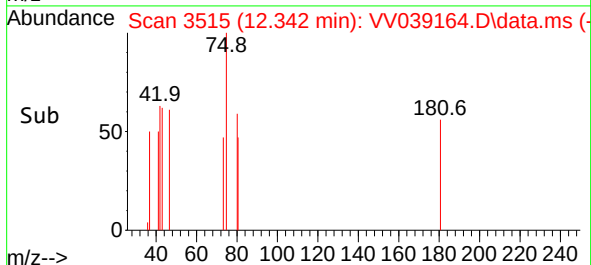
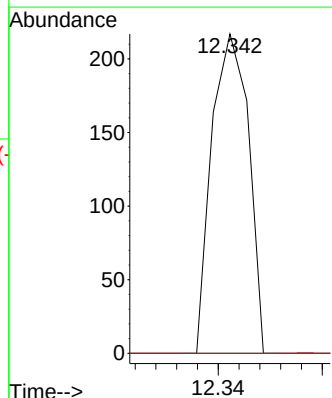
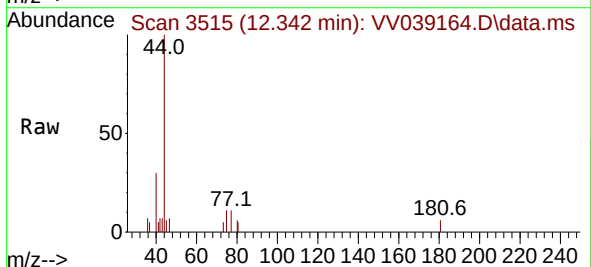
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

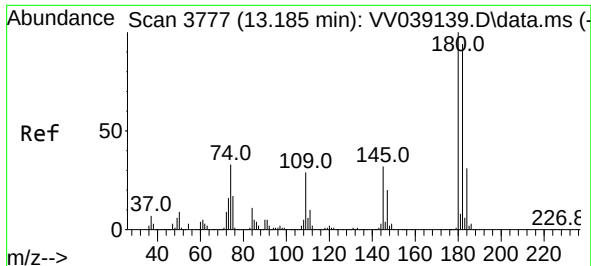
Tgt Ion:146 Resp: 73
 Ion Ratio Lower Upper
 146 100
 111 0.0 21.5 64.5#
 148 0.0 31.9 95.7#



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.393 ug/l
 RT: 12.342 min Scan# 3515
 Delta R.T. -0.007 min
 Lab File: VV039164.D
 Acq: 24 Sep 2025 19:37

Tgt Ion: 75 Resp: 107
 Ion Ratio Lower Upper
 75 100
 155 0.0 38.6 115.8#
 157 0.0 49.5 148.3#

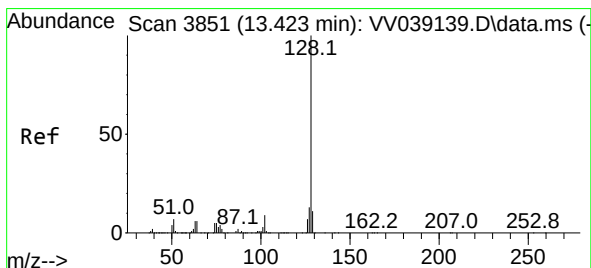
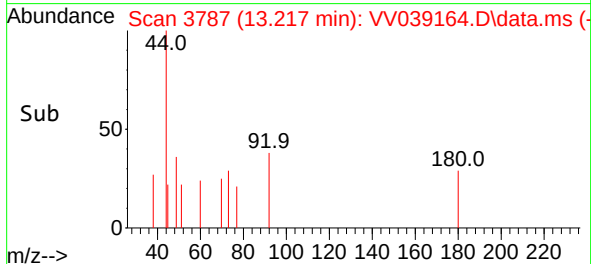
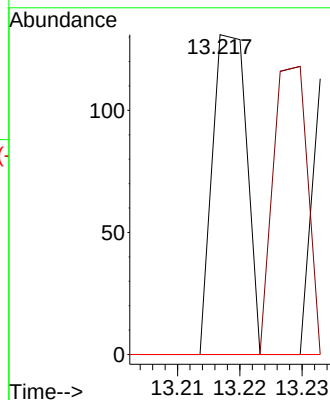
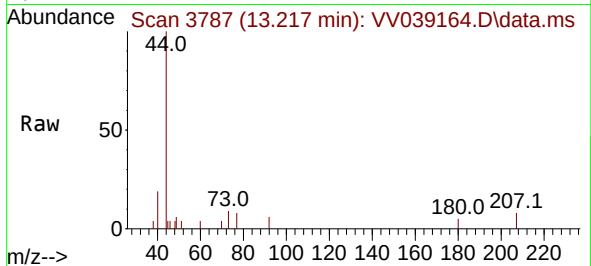




#93
1,2,4-Trichlorobenzene
Concen: 0.785 ug/l
RT: 13.217 min Scan# 31
Delta R.T. 0.032 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

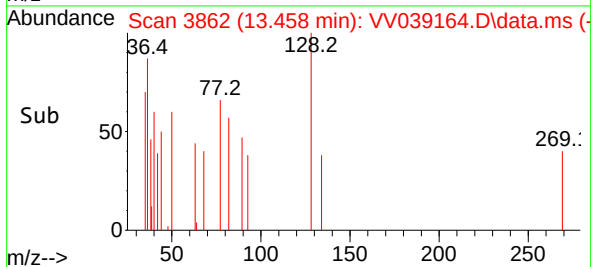
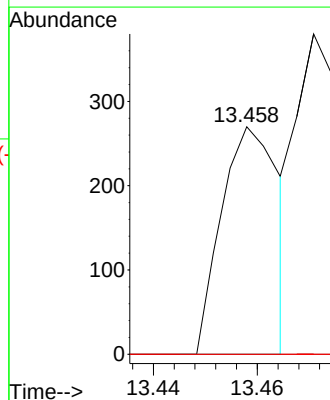
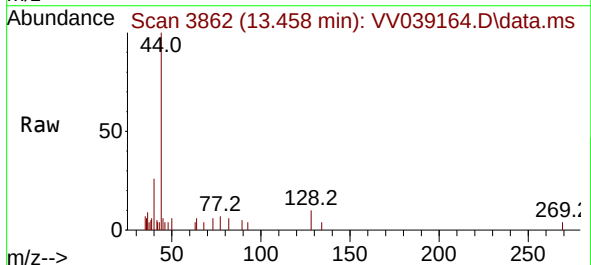
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

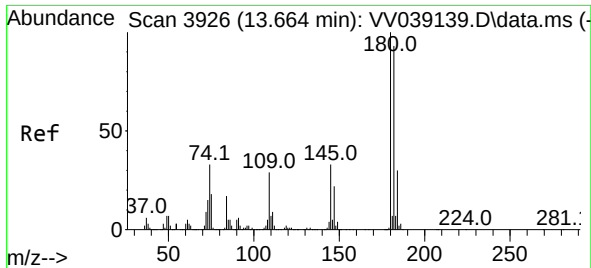
Tgt Ion:180 Resp: 50
Ion Ratio Lower Upper
180 100
182 0.0 47.1 141.4#
145 0.0 16.3 48.8#



#95
Naphthalene
Concen: 1.000 ug/l
RT: 13.458 min Scan# 3862
Delta R.T. 0.035 min
Lab File: VV039164.D
Acq: 24 Sep 2025 19:37

Tgt Ion:128 Resp: 206
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.089 ug/l
 RT: 13.699 min Scan# 3926
 Delta R.T. 0.035 min
 Lab File: VV039164.D
 Acq: 24 Sep 2025 19:37

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Tgt Ion:180 Resp: 71
 Ion Ratio Lower Upper
 180 100
 182 0.0 46.9 140.8#
 145 0.0 17.0 51.0#

