

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092425\
 Data File : VV039150.D
 Acq On : 24 Sep 2025 14:01
 Operator : SY/MD
 Sample : VV0924WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0924WBS02

Quant Time: Sep 25 04:45:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 08:08:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	492318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	795602	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	784865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	468522	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	349518	49.053	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	98.100%
35) Dibromofluoromethane	4.500	113	319944	50.023	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	100.040%
50) Toluene-d8	7.236	98	929285	49.469	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	98.940%
62) 4-Bromofluorobenzene	10.002	95	402187	52.007	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	104.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	148756	19.087	ug/l	99
3) Chloromethane	1.230	50	159926	19.115	ug/l	98
4) Vinyl Chloride	1.298	62	173519	19.373	ug/l	100
5) Bromomethane	1.497	94	117993	20.897	ug/l	100
6) Chloroethane	1.561	64	117810	21.073	ug/l	99
7) Trichlorofluoromethane	1.725	101	259123	19.982	ug/l	99
8) Diethyl Ether	1.918	74	101938	21.175	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	151673	19.657	ug/l	99
10) Methyl Iodide	2.198	142	155103	21.109	ug/l	98
11) Tert butyl alcohol	2.568	59	166515	110.571	ug/l	99
12) 1,1-Dichloroethene	2.082	96	148258	19.973	ug/l	96
13) Acrolein	2.011	56	30535	116.851	ug/l	97
14) Allyl chloride	2.359	41	270301	20.386	ug/l	98
15) Acrylonitrile	2.674	53	510399	105.726	ug/l	100
16) Acetone	2.118	43	500511	107.135	ug/l	98
17) Carbon Disulfide	2.253	76	445608	19.629	ug/l	99
18) Methyl Acetate	2.381	43	236287	22.381	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	494520	20.907	ug/l	96
20) Methylene Chloride	2.458	84	185787	22.678	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	155320	19.655	ug/l	98
22) Diisopropyl ether	3.217	45	514292	20.273	ug/l	85
23) Vinyl Acetate	3.192	43	2297382	103.522	ug/l	100
24) 1,1-Dichloroethane	3.118	63	304665	19.638	ug/l	99
25) 2-Butanone	3.870	43	603602	105.789	ug/l	98
26) 2,2-Dichloropropane	3.812	77	246178	17.897	ug/l	100
27) cis-1,2-Dichloroethene	3.822	96	170071	19.514	ug/l	100
28) Bromochloromethane	4.146	49	138833	20.271	ug/l	96
29) Tetrahydrofuran	4.240	42	389964	109.192	ug/l	100
30) Chloroform	4.278	83	322270	19.894	ug/l	99
31) Cyclohexane	4.584	56	238107	18.736	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	279806	19.951	ug/l	97
36) 1,1-Dichloropropene	4.745	75	187909	19.432	ug/l	98
37) Ethyl Acetate	3.982	43	243790	20.776	ug/l #	92
38) Carbon Tetrachloride	4.735	117	232933	19.709	ug/l	100
39) Methylcyclohexane	6.047	83	228816	19.594	ug/l	96
40) Benzene	5.011	78	633991	20.134	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	96391	19.385	ug/l	93
42) 1,2-Dichloroethane	5.040	62	228142	20.677	ug/l	99
43) Isopropyl Acetate	5.195	43	337530	21.097	ug/l	99
44) Trichloroethene	5.831	130	147483	20.297	ug/l	99
45) 1,2-Dichloropropane	6.092	63	163901	20.941	ug/l	96
46) Dibromomethane	6.227	93	126157	21.059	ug/l	99
47) Bromodichloromethane	6.426	83	254692	20.565	ug/l	99
48) Methyl methacrylate	6.301	41	145228	20.025	ug/l	98
49) 1,4-Dioxane	6.294	88	46282	395.445	ug/l	91
51) 4-Methyl-2-Pentanone	7.150	43	1236058	117.436	ug/l	98
52) Toluene	7.310	92	398034	21.801	ug/l	99
53) t-1,3-Dichloropropene	7.577	75	233157	21.603	ug/l	96
54) cis-1,3-Dichloropropene	6.950	75	256176	21.501	ug/l	96
55) 1,1,2-Trichloroethane	7.764	97	171861	20.993	ug/l	97
56) Ethyl methacrylate	7.719	69	198833	20.452	ug/l	100
57) 1,3-Dichloropropane	7.934	76	277597	21.486	ug/l	97
58) 2-Chloroethyl Vinyl ether	6.815	63	517964	100.347	ug/l	99
59) 2-Hexanone	8.066	43	894828	106.669	ug/l	98
60) Dibromochloromethane	8.166	129	191297	20.508	ug/l	99
61) 1,2-Dibromoethane	8.275	107	179580	21.450	ug/l	99
64) Tetrachloroethene	7.899	164	132876	20.213	ug/l	98
65) Chlorobenzene	8.805	112	432358	19.777	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.899	131	156609	19.826	ug/l	100
67) Ethyl Benzene	8.937	91	658467	19.898	ug/l	100
68) m/p-Xylenes	9.063	106	551462	43.176	ug/l	99
69) o-Xylene	9.468	106	230630	20.393	ug/l	98
70) Styrene	9.487	104	431651	18.940	ug/l	98
71) Bromoform	9.654	173	131945	21.384	ug/l #	98
73) Isopropylbenzene	9.857	105	671517	19.761	ug/l	100
74) N-amyl acetate	9.725	43	283249	20.897	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.166	83	286264	19.226	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	206903	19.396	ug/l	100
77) Bromobenzene	10.140	156	173461	19.674	ug/l	99
78) n-propylbenzene	10.278	91	836225	20.207	ug/l	100
79) 2-Chlorotoluene	10.349	91	511892	20.673	ug/l	98
80) 1,3,5-Trimethylbenzene	10.465	105	583511	20.659	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	86872	19.550	ug/l	99
82) 4-Chlorotoluene	10.465	91	594451	20.703	ug/l	100
83) tert-Butylbenzene	10.789	119	525337	18.652	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	564955	20.602	ug/l	100
85) sec-Butylbenzene	11.014	105	728021	19.488	ug/l	100
86) p-Isopropyltoluene	11.169	119	612071	19.685	ug/l	100
87) 1,3-Dichlorobenzene	11.108	146	349017	19.560	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	375846	19.199	ug/l	99
89) n-Butylbenzene	11.580	91	577604	19.451	ug/l	98
90) Hexachloroethane	11.821	117	135944	17.755	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	316105	18.962	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.352	75	56358	21.271	ug/l	98
93) 1,2,4-Trichlorobenzene	13.185	180	178967	18.728	ug/l	99
94) Hexachlorobutadiene	13.368	225	89231	17.970	ug/l	99
95) Naphthalene	13.426	128	578144	18.718	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	187044	19.137	ug/l	100

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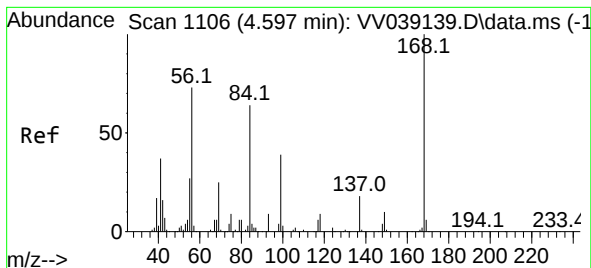
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

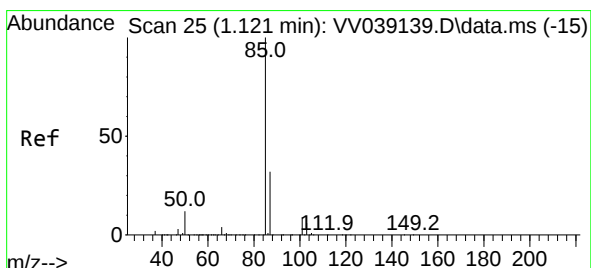
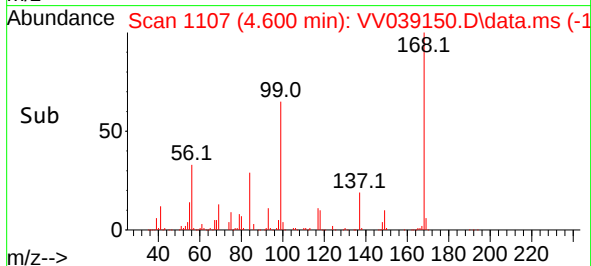
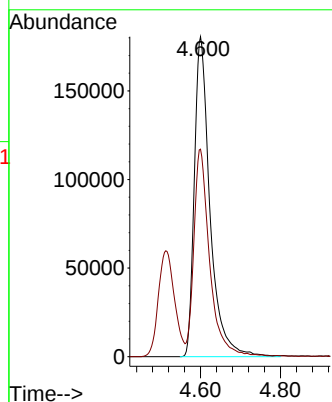
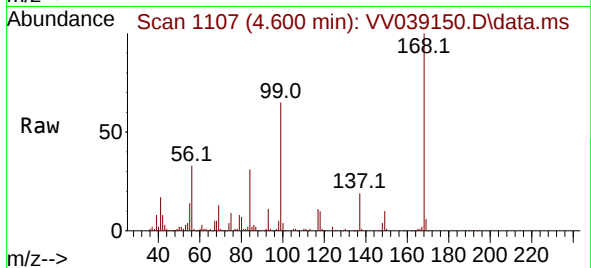
VV0924WBS02

Tgt Ion:168 Resp: 492318

Ion Ratio Lower Upper

168 100

99 64.5 49.6 74.4



#2

Dichlorodifluoromethane

Concen: 19.087 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039150.D

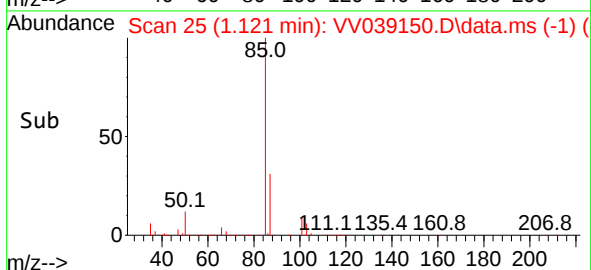
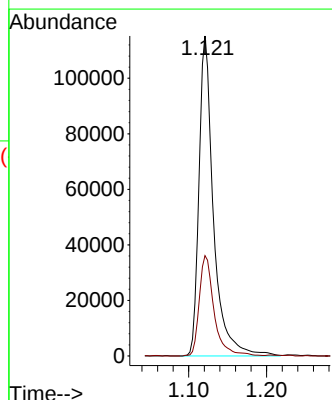
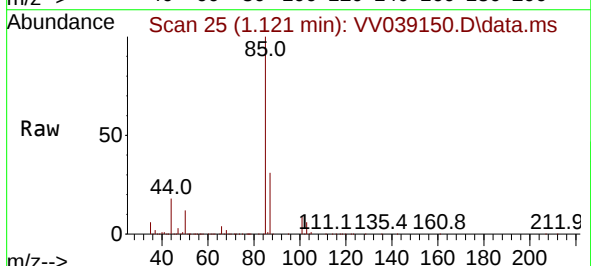
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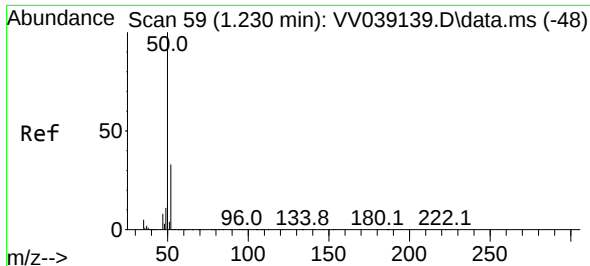
Tgt Ion: 85 Resp: 148756

Ion Ratio Lower Upper

85 100

87 31.4 16.0 47.9

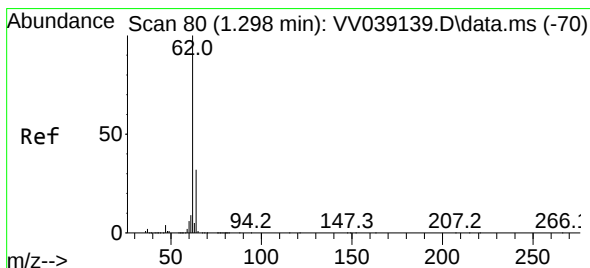
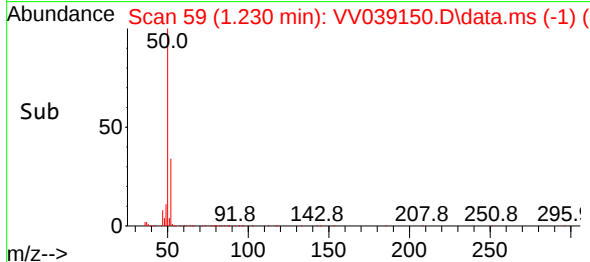
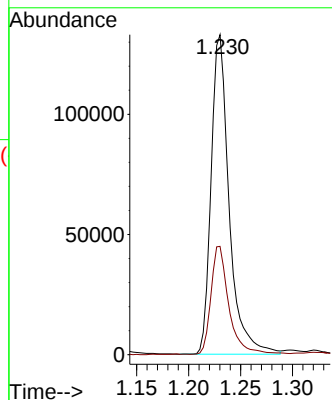
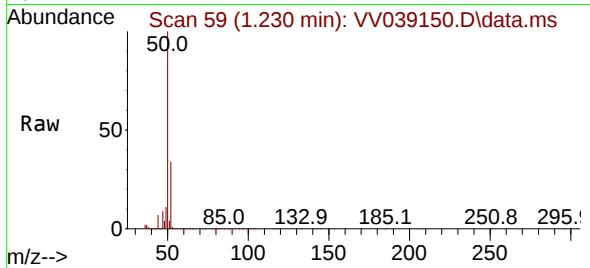




#3
Chloromethane
Concen: 19.115 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039150.D
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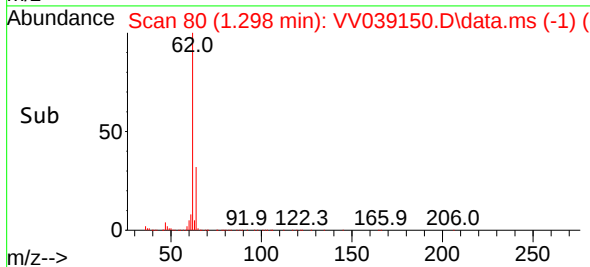
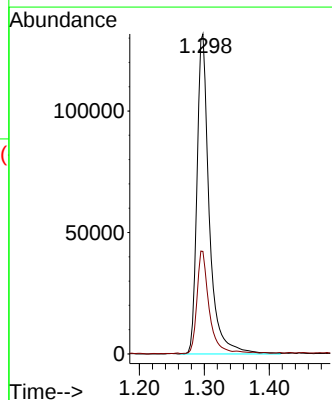
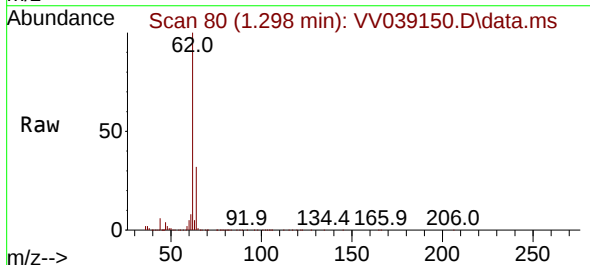
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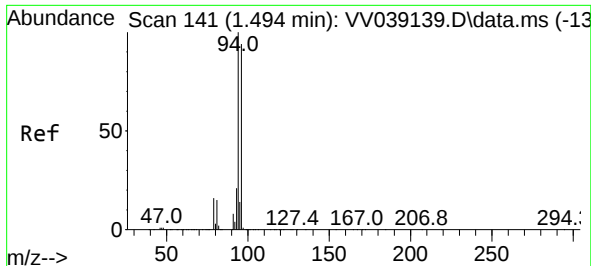
Tgt Ion: 50 Resp: 159926
Ion Ratio Lower Upper
50 100
52 33.8 26.0 39.0



#4
Vinyl Chloride
Concen: 19.373 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 62 Resp: 173519
Ion Ratio Lower Upper
62 100
64 31.9 25.6 38.4

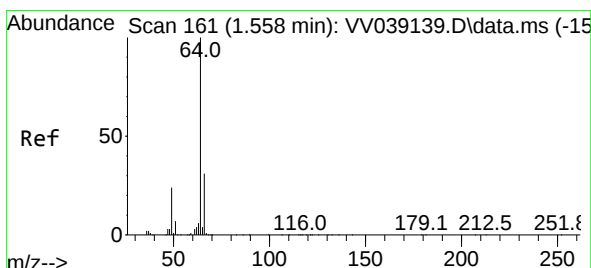
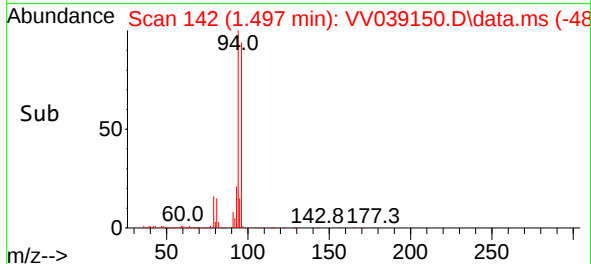
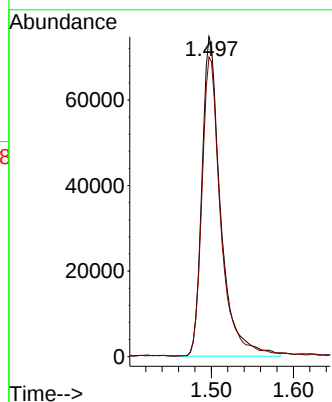
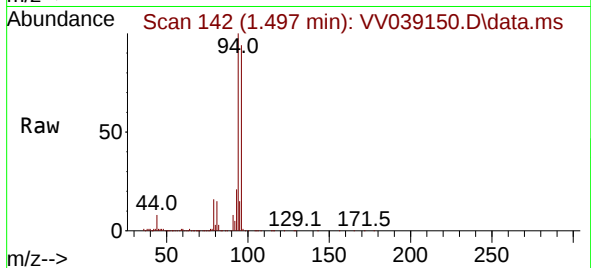




#5
Bromomethane
Concen: 20.897 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

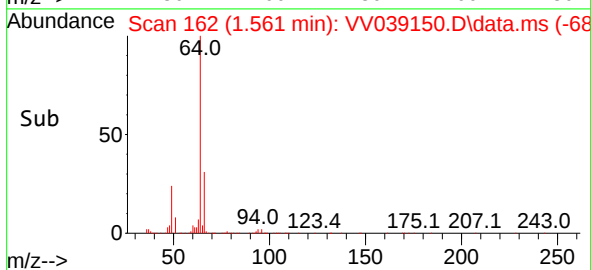
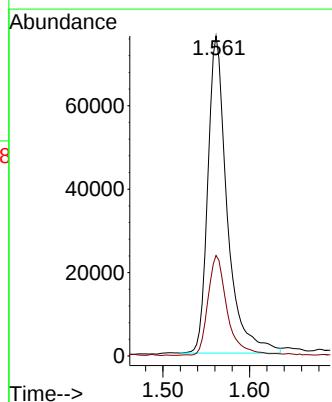
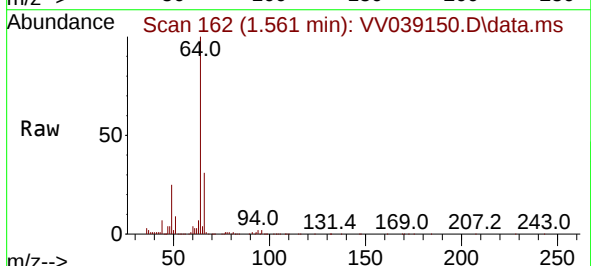
Instrument :
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Tgt Ion: 94 Resp: 117993
Ion Ratio Lower Upper
94 100
96 93.5 74.9 112.3



#6
Chloroethane
Concen: 21.073 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 64 Resp: 117810
Ion Ratio Lower Upper
64 100
66 31.4 24.6 36.8

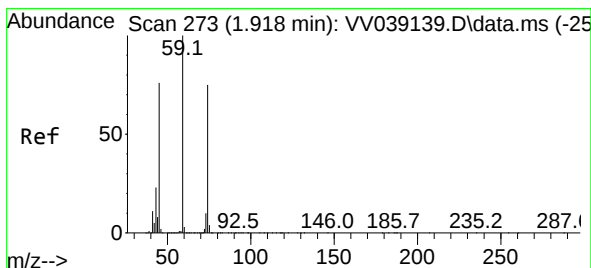
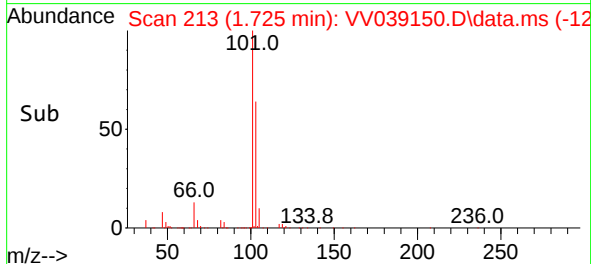
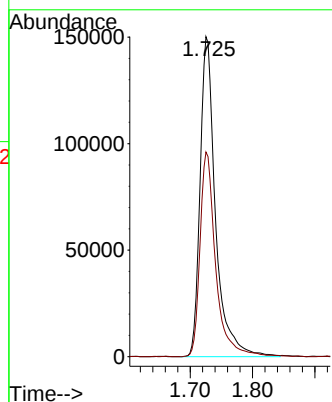
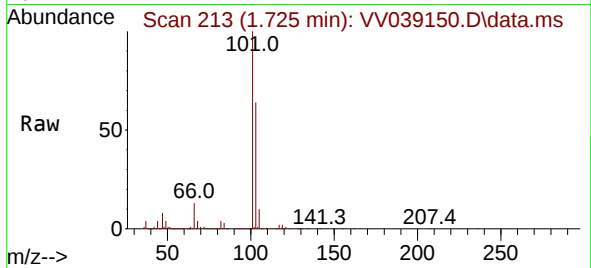




#7
 Trichlorofluoromethane
 Concen: 19.982 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039150.D
 Acq: 24 Sep 2025 14:01

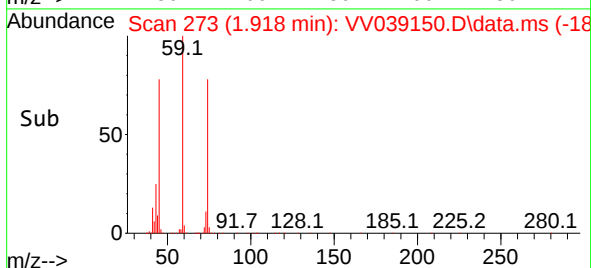
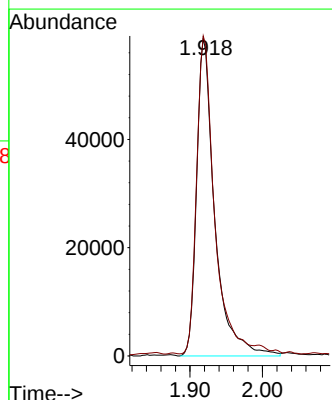
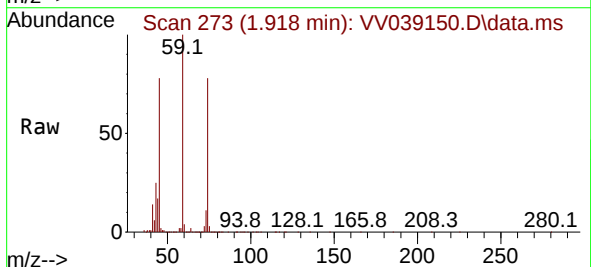
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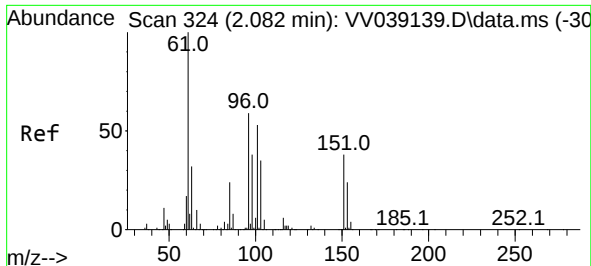
Tgt Ion:101 Resp: 259123
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.0 78.0



#8
 Diethyl Ether
 Concen: 21.175 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039150.D
 Acq: 24 Sep 2025 14:01

Tgt Ion: 74 Resp: 101938
 Ion Ratio Lower Upper
 74 100
 45 97.9 49.6 148.8

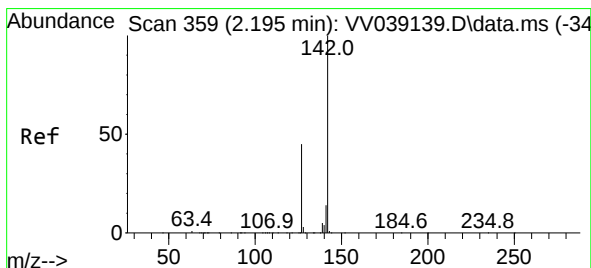
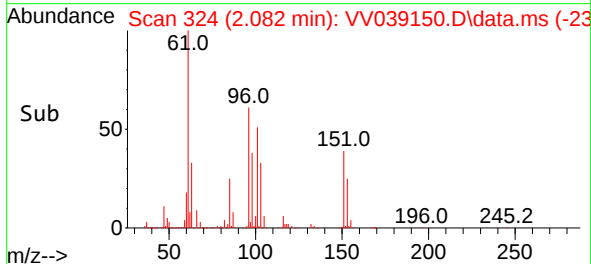
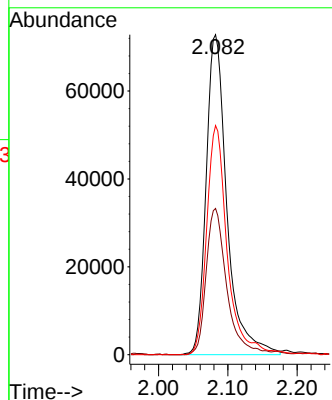
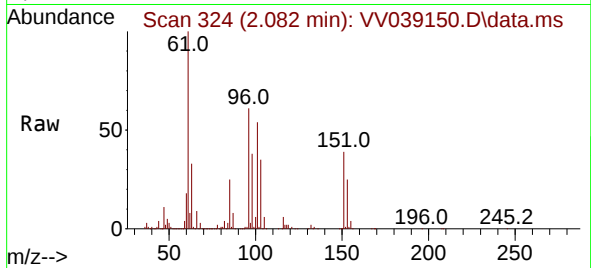




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.657 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039150.D
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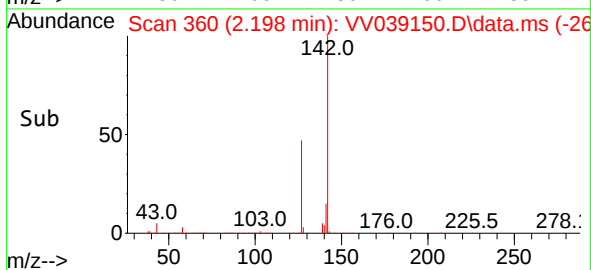
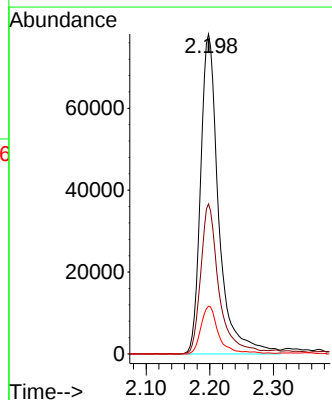
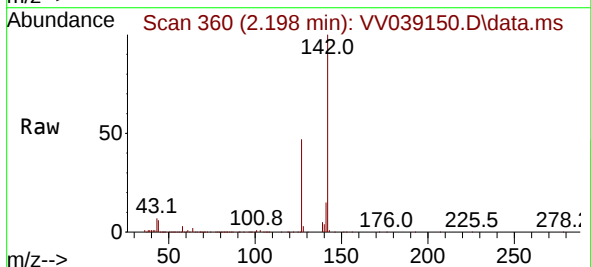
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

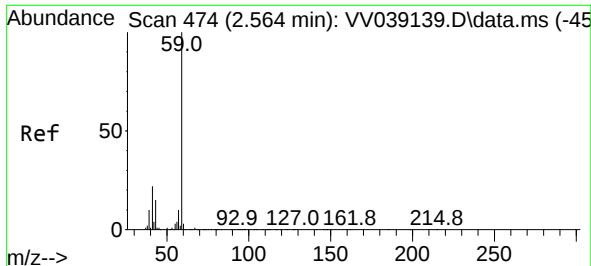
Tgt Ion:101 Resp: 151673
Ion Ratio Lower Upper
101 100
85 45.4 36.2 54.2
151 71.2 56.3 84.5



#10
Methyl Iodide
Concen: 21.109 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion:142 Resp: 155103
Ion Ratio Lower Upper
142 100
127 47.1 36.3 54.5
141 14.6 11.2 16.8

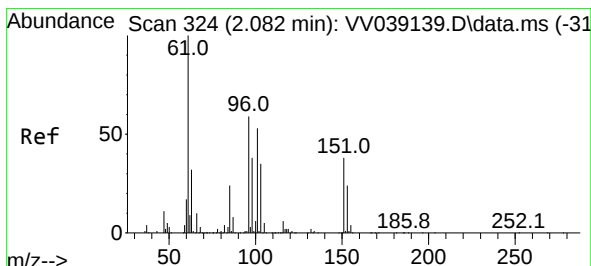
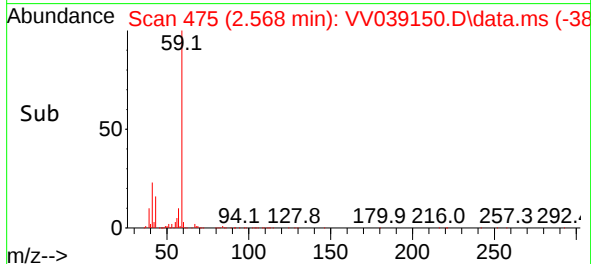
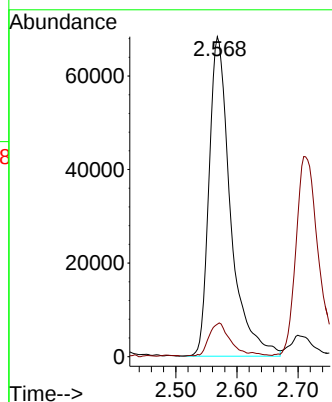
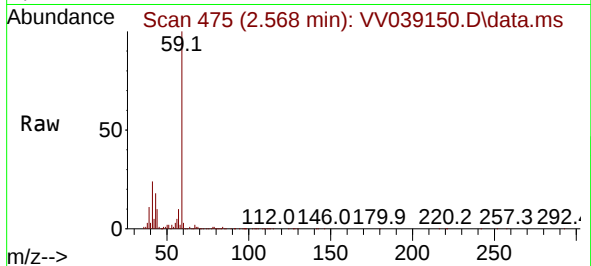




#11
Tert butyl alcohol
Concen: 110.571 ug/l
RT: 2.568 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

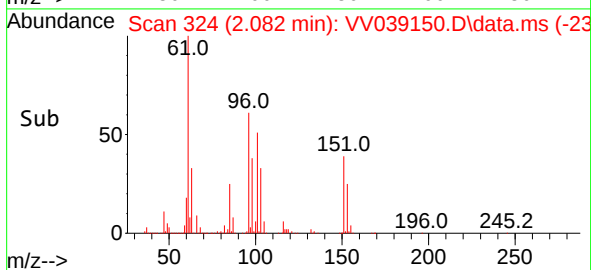
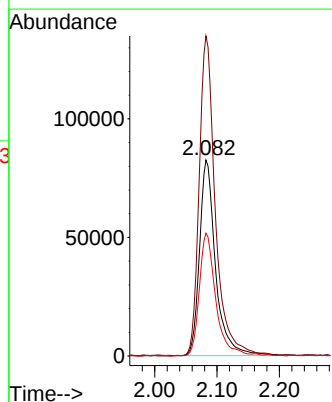
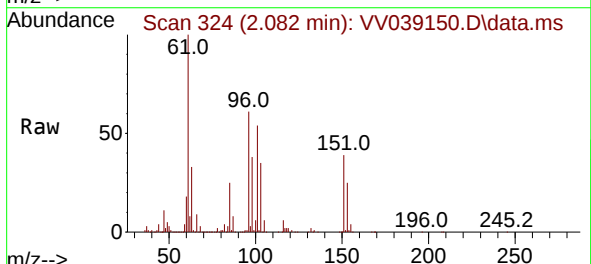
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

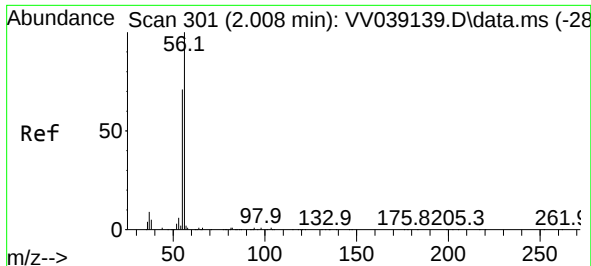
Tgt Ion: 59 Resp: 166515
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 19.973 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 96 Resp: 148258
Ion Ratio Lower Upper
96 100
61 163.6 136.0 204.0
98 62.6 51.0 76.6

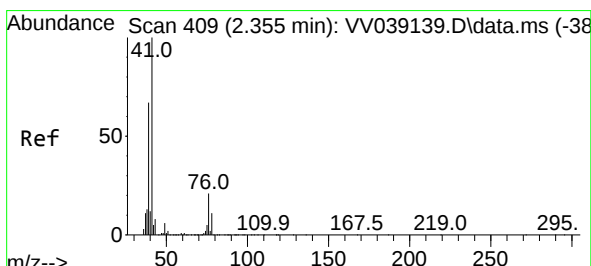
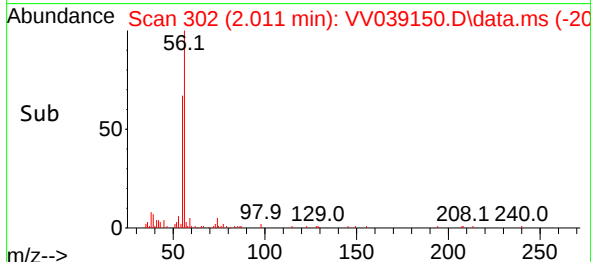
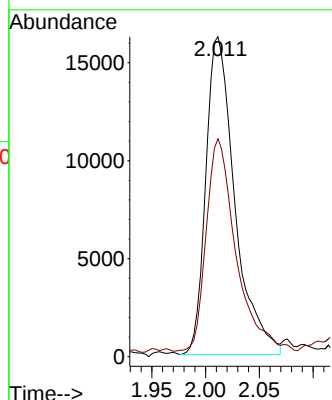
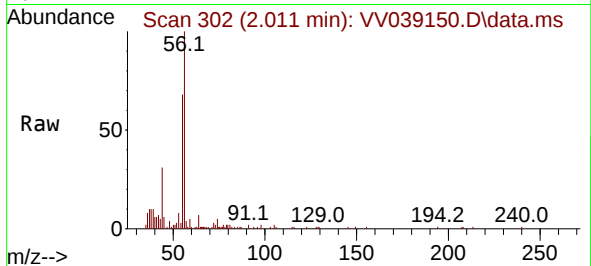




#13
Acrolein
Concen: 116.851 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

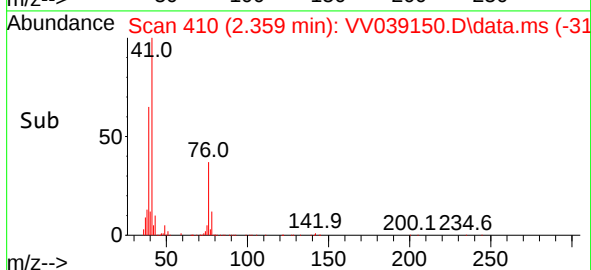
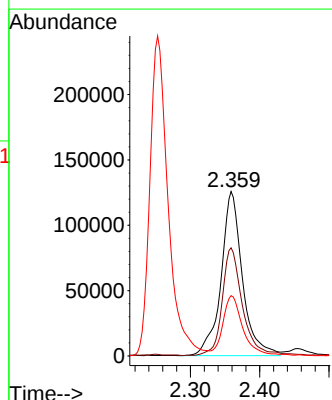
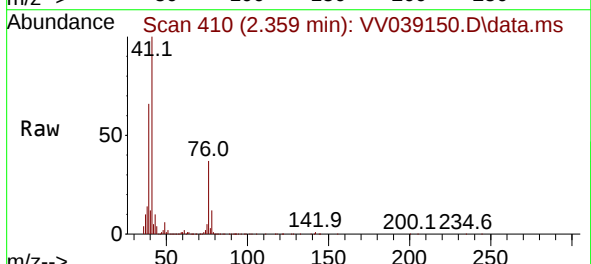
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

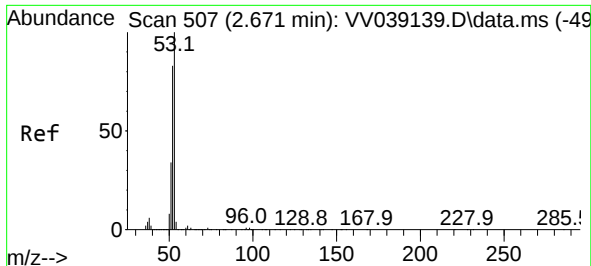
Tgt Ion: 56 Resp: 30535
Ion Ratio Lower Upper
56 100
55 68.0 56.2 84.4



#14
Allyl chloride
Concen: 20.386 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 41 Resp: 270301
Ion Ratio Lower Upper
41 100
39 62.2 51.0 76.6
76 33.7 28.2 42.4

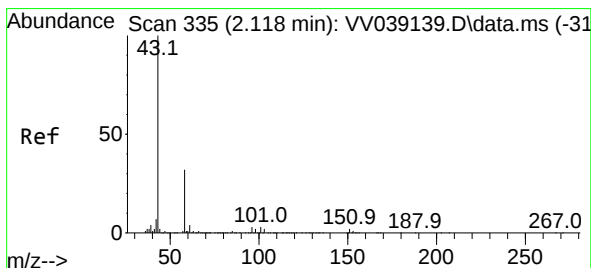
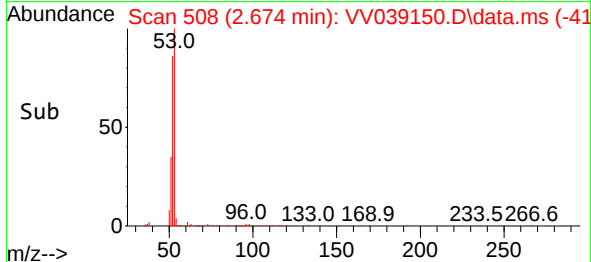
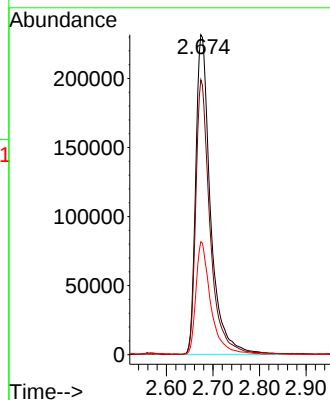
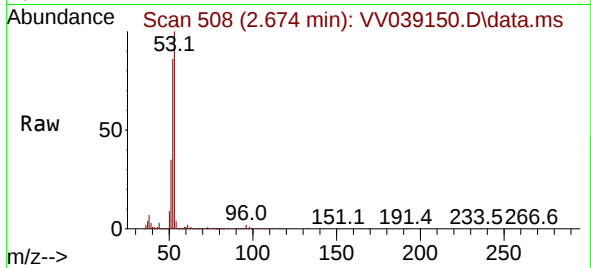




#15
Acrylonitrile
Concen: 105.726 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

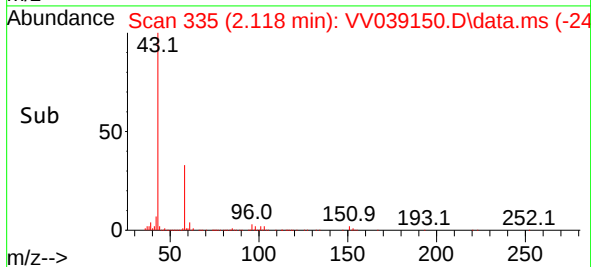
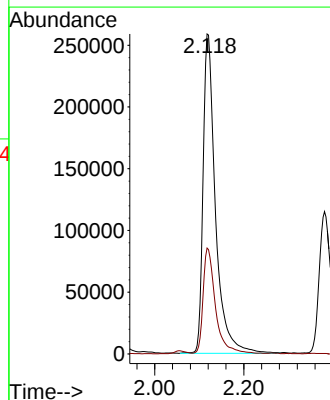
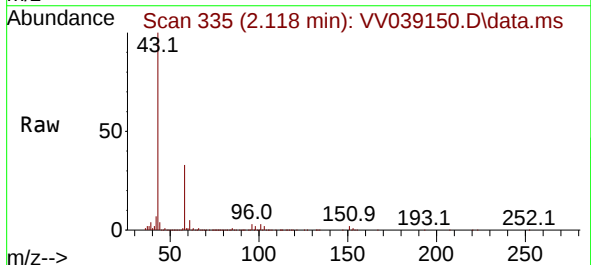
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

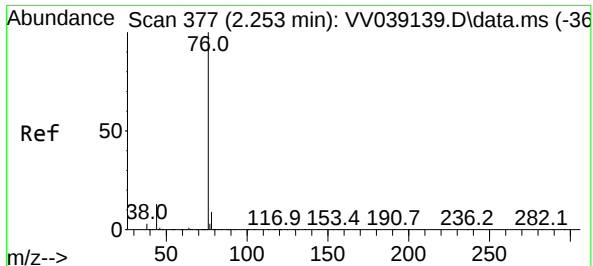
Tgt Ion: 53 Resp: 510399
Ion Ratio Lower Upper
53 100
52 82.6 66.1 99.1
51 35.2 28.5 42.7



#16
Acetone
Concen: 107.135 ug/l
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 43 Resp: 500511
Ion Ratio Lower Upper
43 100
58 33.1 25.8 38.6

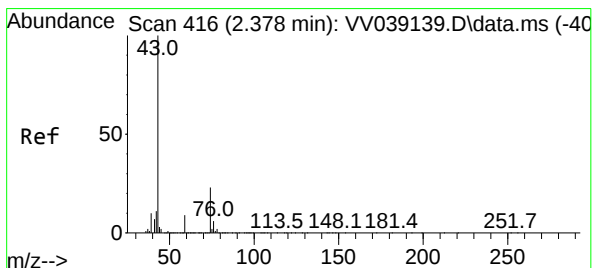
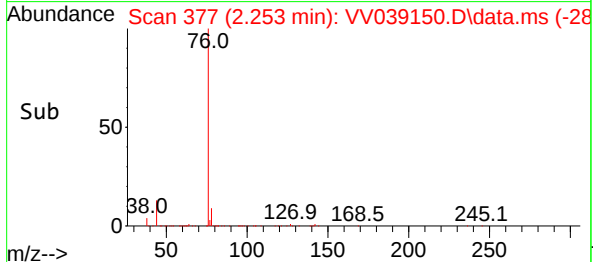
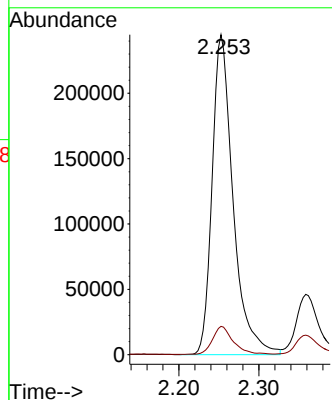
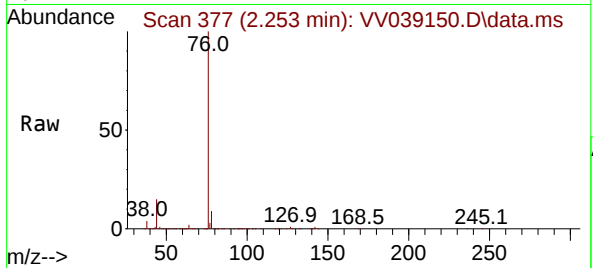




#17
Carbon Disulfide
Concen: 19.629 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

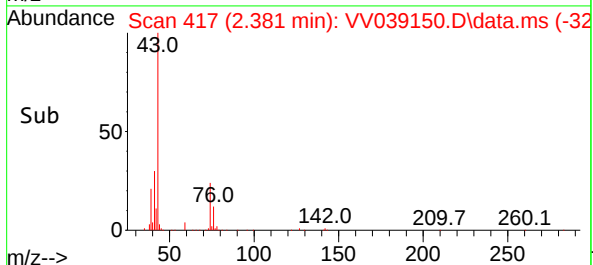
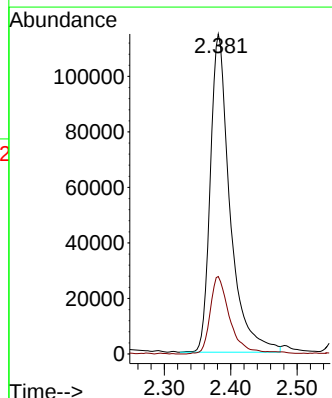
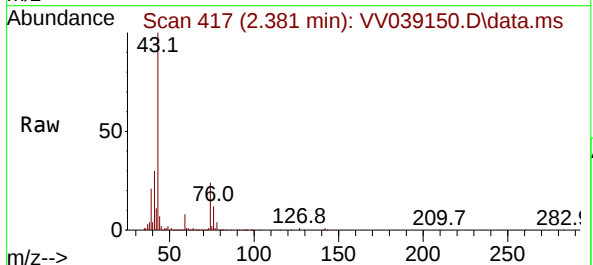
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

Tgt Ion: 76 Resp: 445608
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0



#18
Methyl Acetate
Concen: 22.381 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 43 Resp: 236287
Ion Ratio Lower Upper
43 100
74 24.8 18.6 27.8

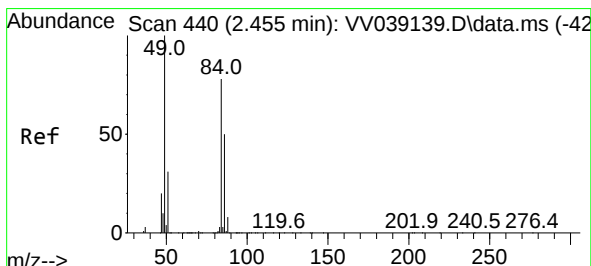
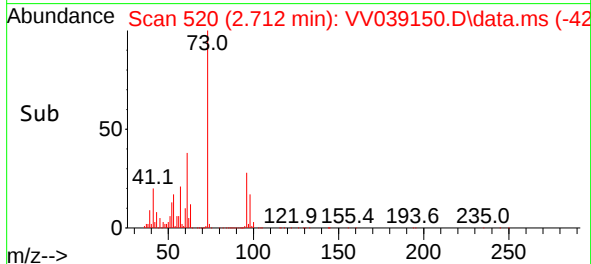
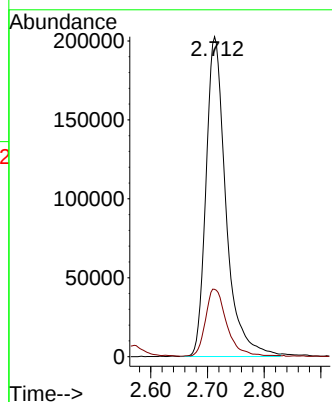
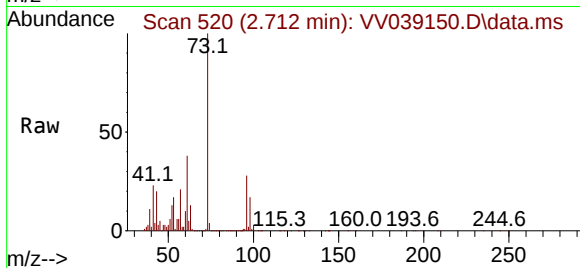




#19
Methyl tert-butyl Ether
Concen: 20.907 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

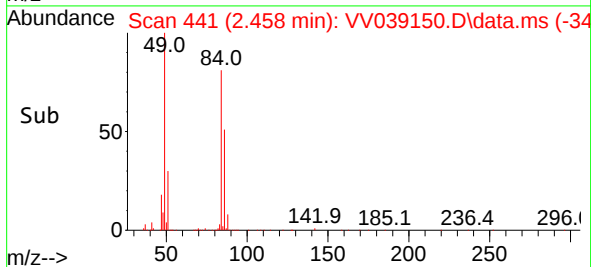
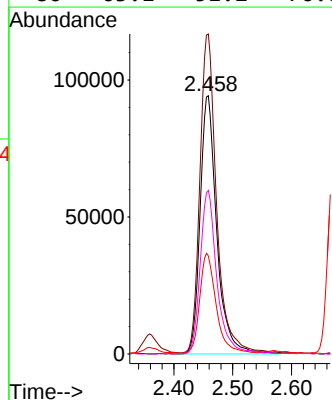
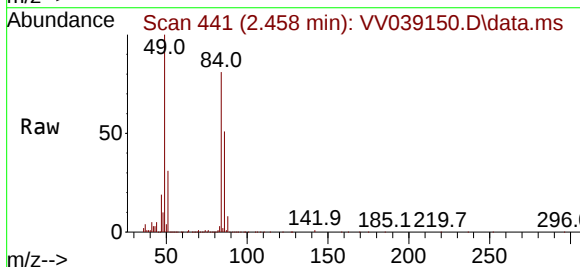
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

Tgt Ion: 73 Resp: 494520
Ion Ratio Lower Upper
73 100
57 20.9 18.2 27.4



#20
Methylene Chloride
Concen: 22.678 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 84 Resp: 185787
Ion Ratio Lower Upper
84 100
49 123.5 102.8 154.2
51 37.6 31.9 47.9
86 63.1 51.2 76.8

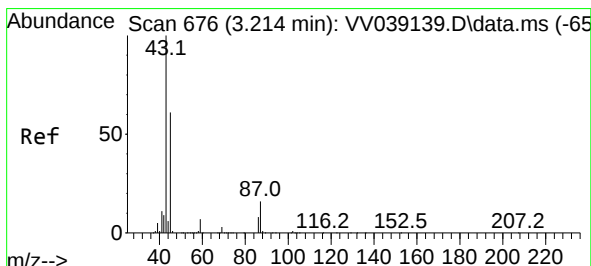
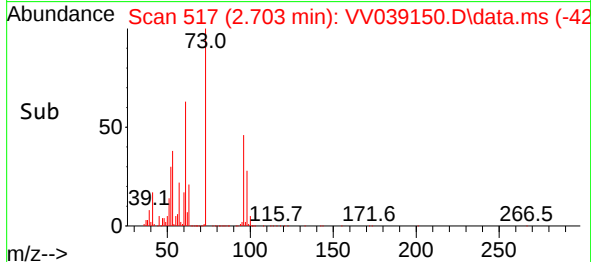
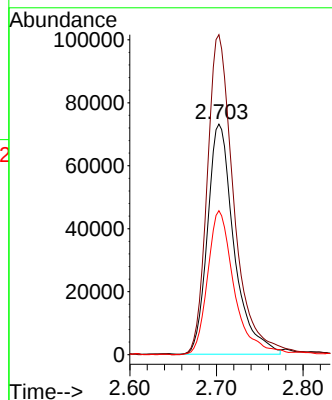
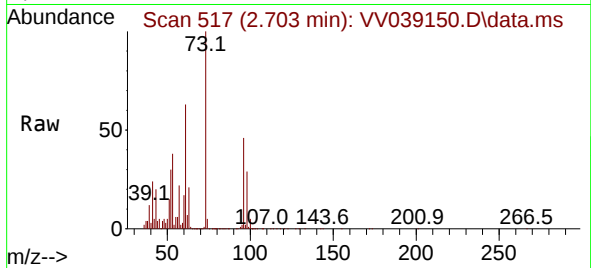




#21
trans-1,2-Dichloroethene
Concen: 19.655 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

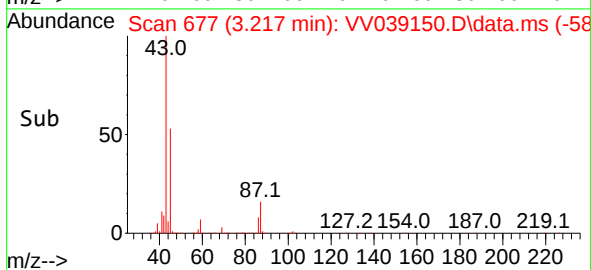
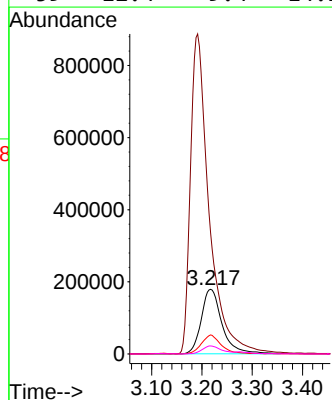
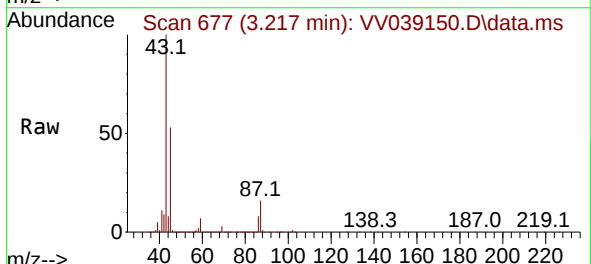
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

Tgt Ion: 96 Resp: 155320
Ion Ratio Lower Upper
96 100
61 139.1 112.8 169.2
98 62.4 51.1 76.7



#22
Diisopropyl ether
Concen: 20.273 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 45 Resp: 514292
Ion Ratio Lower Upper
45 100
43 186.4 130.9 196.3
87 29.3 21.1 31.7
59 12.4 9.4 14.2

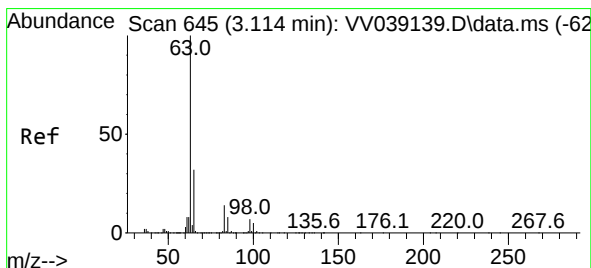
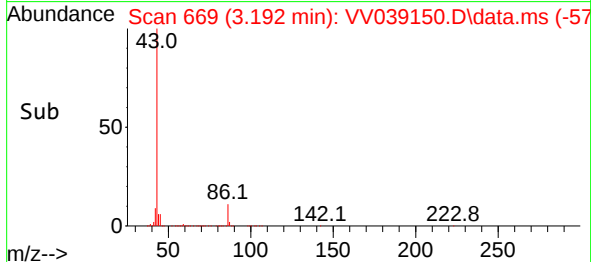
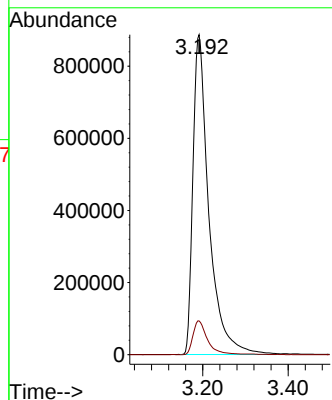
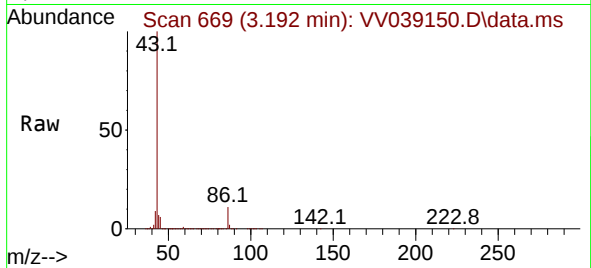




#23
 Vinyl Acetate
 Concen: 103.522 ug/l
 RT: 3.192 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VV039150.D
 Acq: 24 Sep 2025 14:01

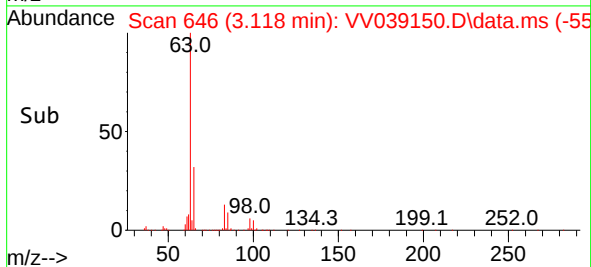
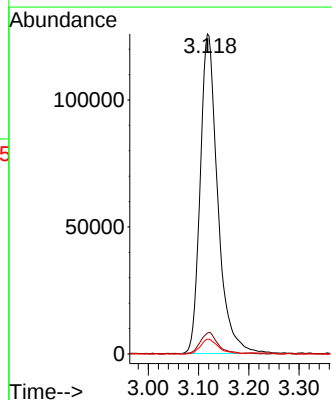
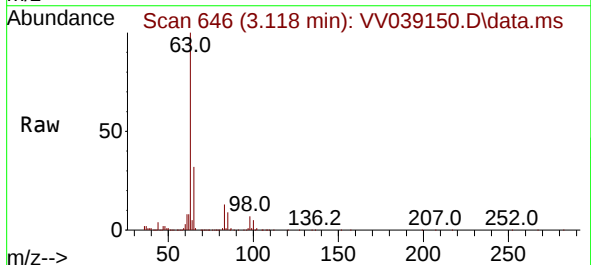
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0924WBS02

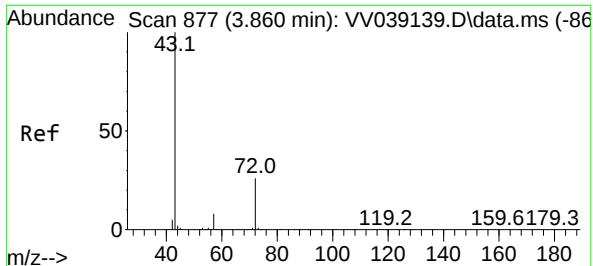
Tgt Ion: 43 Resp: 2297382
 Ion Ratio Lower Upper
 43 100
 86 10.5 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.638 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.003 min
 Lab File: VV039150.D
 Acq: 24 Sep 2025 14:01

Tgt Ion: 63 Resp: 304665
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.4 10.2
 100 4.6 2.2 6.6

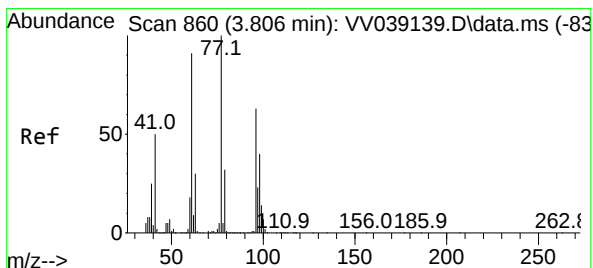
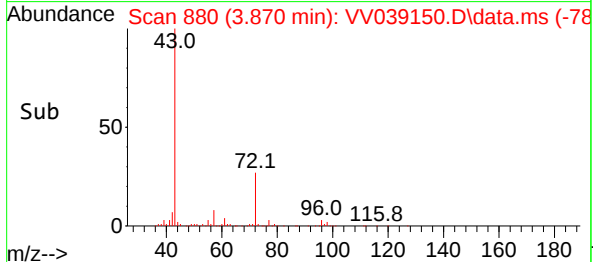
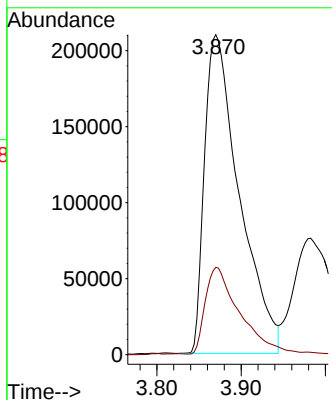
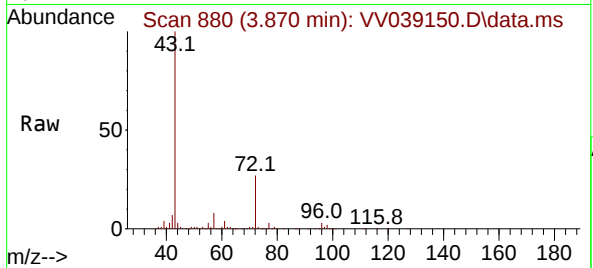




#25
2-Butanone
Concen: 105.789 ug/l
RT: 3.870 min Scan# 877
Delta R.T. 0.010 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

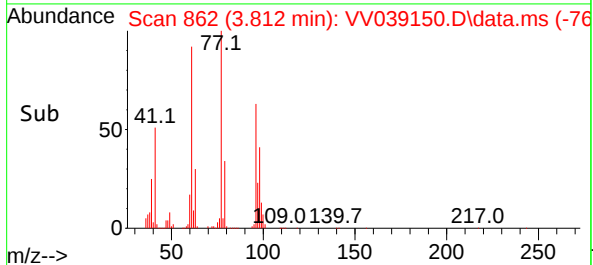
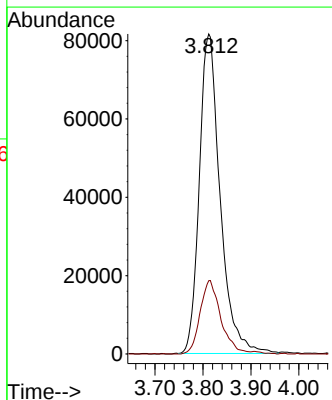
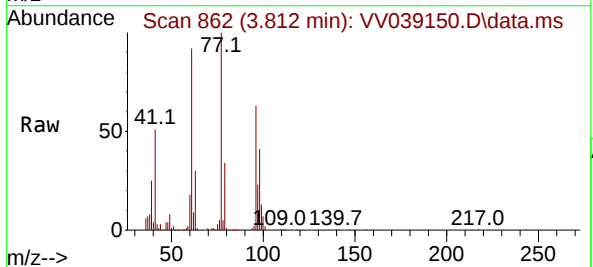
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

Tgt Ion: 43 Resp: 603602
Ion Ratio Lower Upper
43 100
72 27.1 21.0 31.6



#26
2,2-Dichloropropane
Concen: 17.897 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.006 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 77 Resp: 246178
Ion Ratio Lower Upper
77 100
97 22.9 11.6 34.7

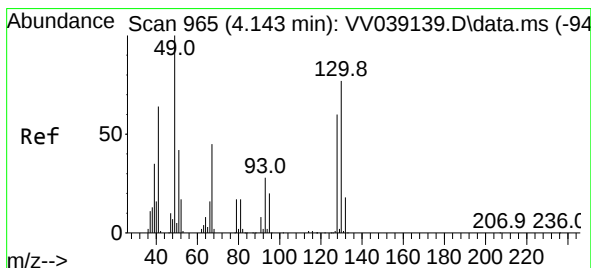
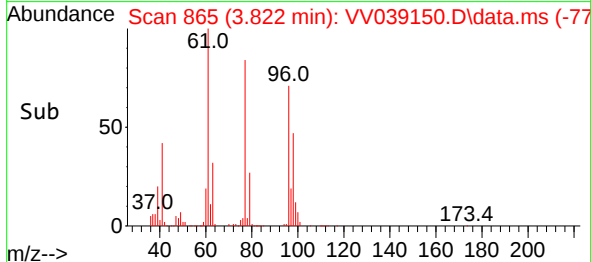
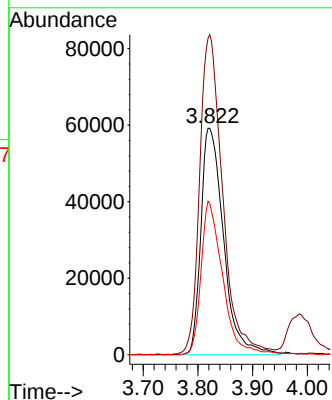
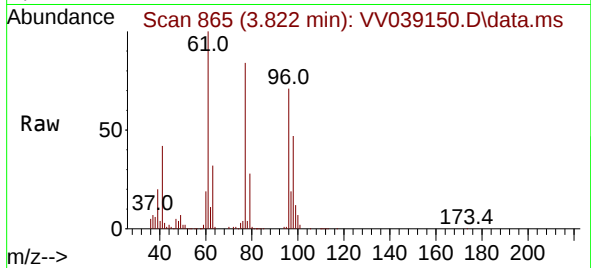




#27
 cis-1,2-Dichloroethene
 Concen: 19.514 ug/l
 RT: 3.822 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV039150.D
 Acq: 24 Sep 2025 14:01

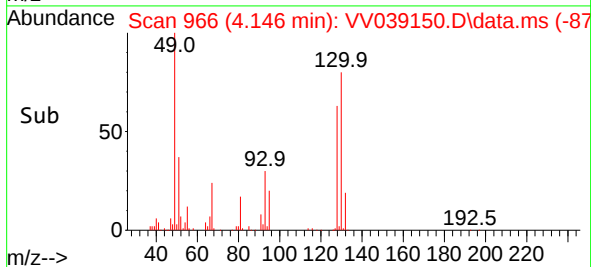
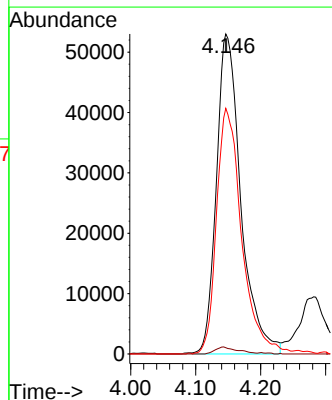
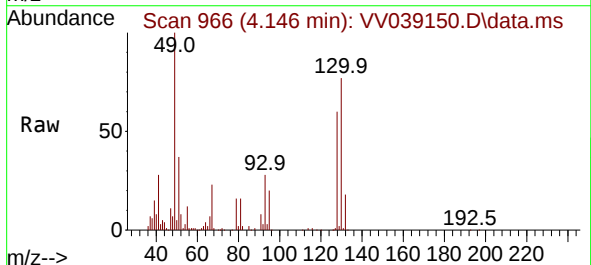
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0924WBS02

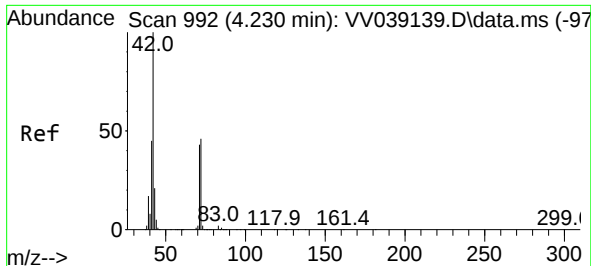
Tgt Ion: 96 Resp: 170071
 Ion Ratio Lower Upper
 96 100
 61 143.5 0.0 286.4
 98 63.0 0.0 126.6



#28
 Bromochloromethane
 Concen: 20.271 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.003 min
 Lab File: VV039150.D
 Acq: 24 Sep 2025 14:01

Tgt Ion: 49 Resp: 138833
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.2
 130 78.6 60.2 90.2





#29

Tetrahydrofuran

Concen: 109.192 ug/l

RT: 4.240 min Scan# 992

Delta R.T. 0.010 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

VV0924WBS02

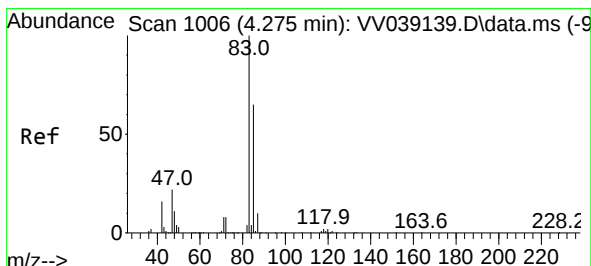
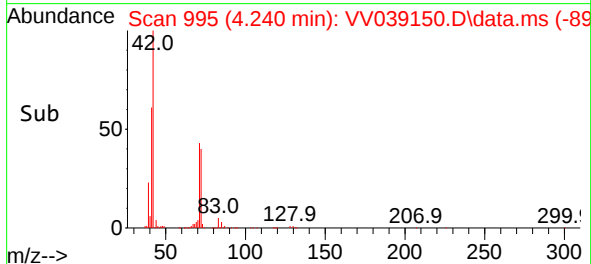
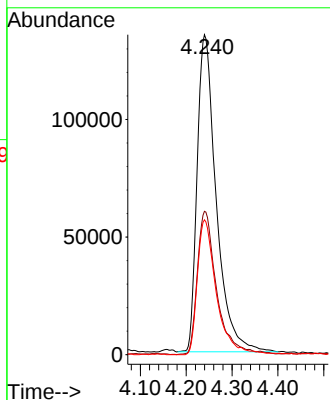
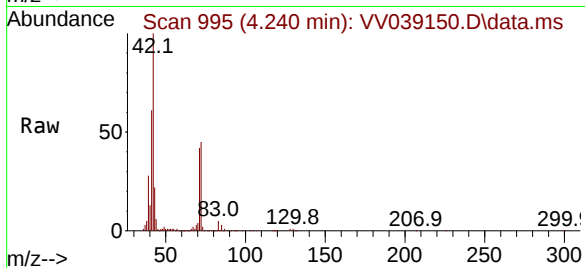
Tgt Ion: 42 Resp: 389964

Ion Ratio Lower Upper

42 100

72 45.3 36.3 54.5

71 42.3 34.3 51.5



#30

Chloroform

Concen: 19.894 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV039150.D

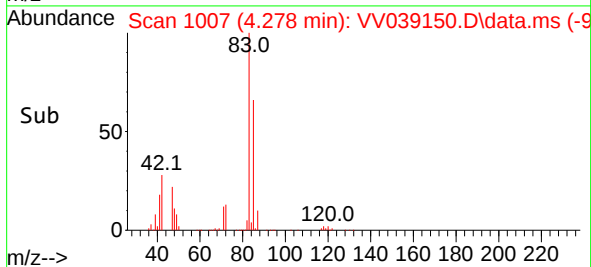
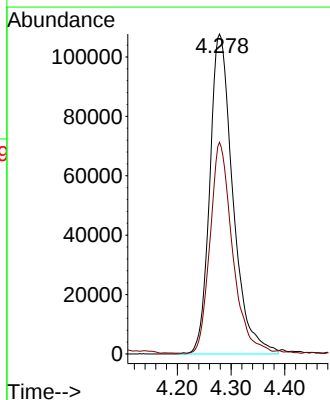
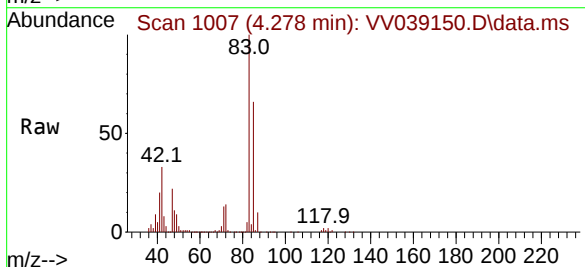
Acq: 24 Sep 2025 14:01

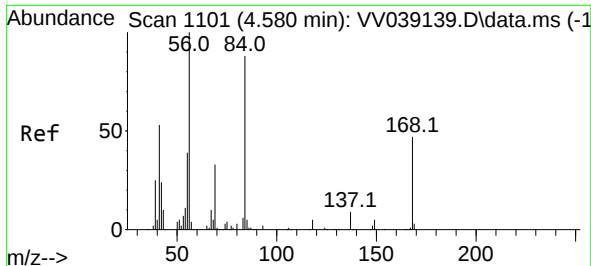
Tgt Ion: 83 Resp: 322270

Ion Ratio Lower Upper

83 100

85 65.9 52.1 78.1





#31

Cyclohexane

Concen: 18.736 ug/l

RT: 4.584 min Scan# 1101

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

VV0924WBS02

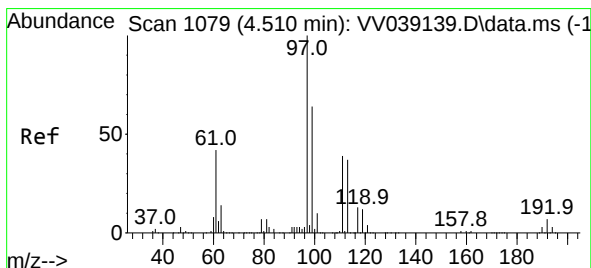
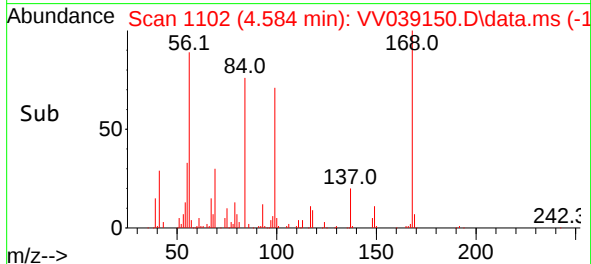
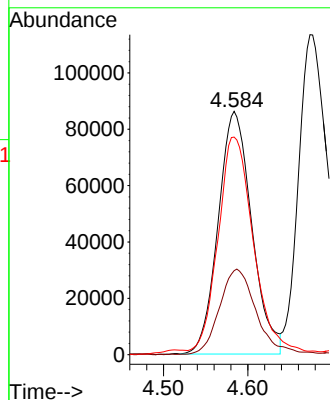
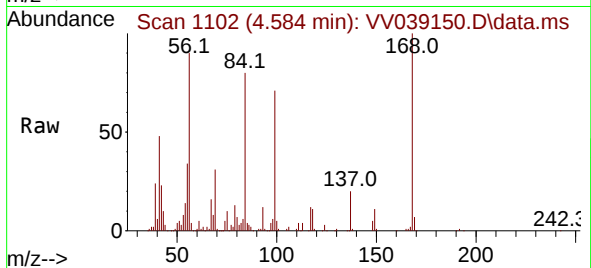
Tgt Ion: 56 Resp: 238107

Ion Ratio Lower Upper

56 100

69 34.5 26.2 39.2

84 87.8 70.3 105.5



#32

1,1,1-Trichloroethane

Concen: 19.951 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

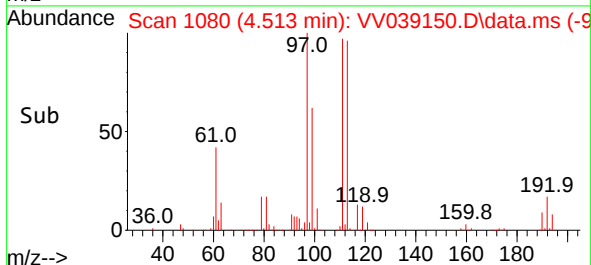
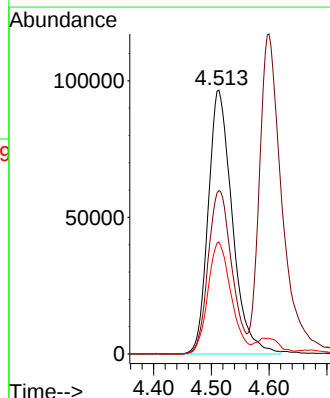
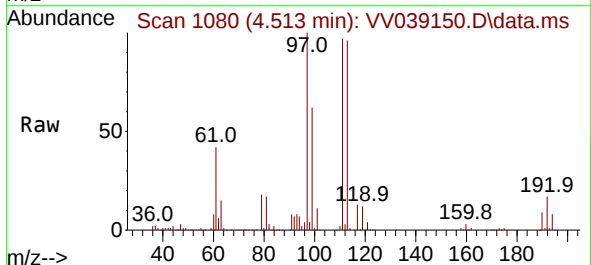
Tgt Ion: 97 Resp: 279806

Ion Ratio Lower Upper

97 100

99 60.4 49.6 74.4

61 41.0 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 49.053 ug/l

RT: 4.941 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

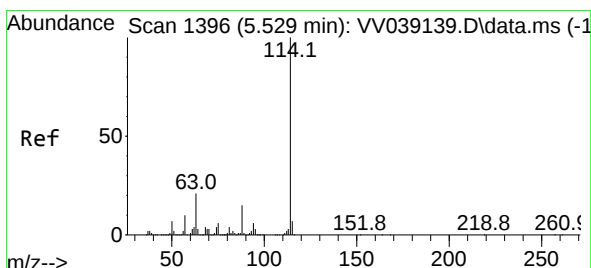
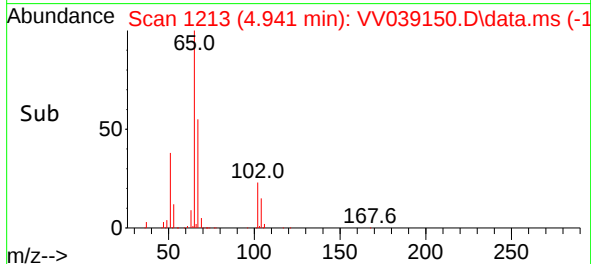
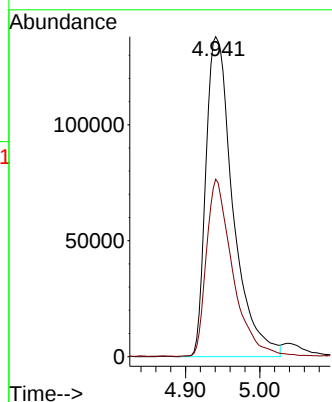
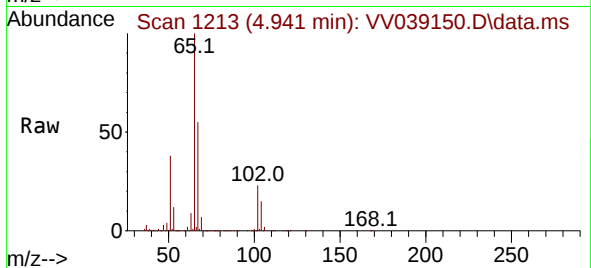
VV0924WBS02

Tgt Ion: 65 Resp: 349518

Ion Ratio Lower Upper

65 100

67 53.7 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

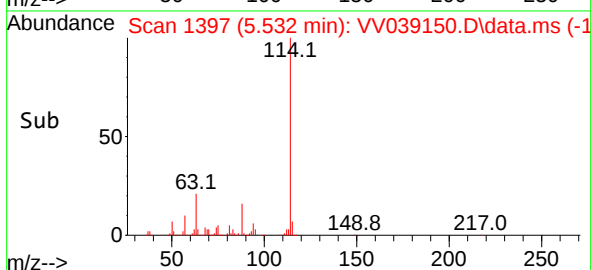
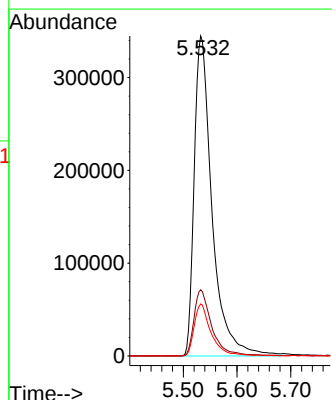
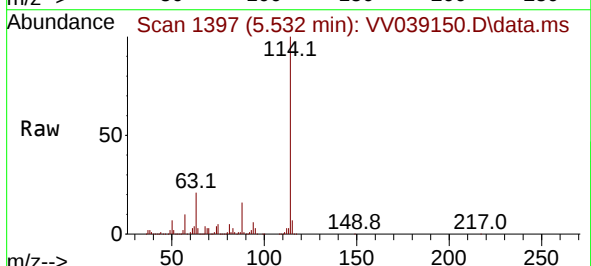
Tgt Ion: 114 Resp: 795602

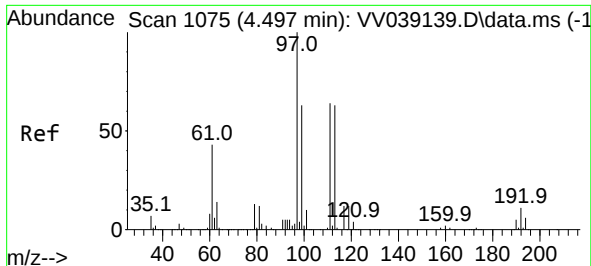
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.6

88 16.3 0.0 30.8

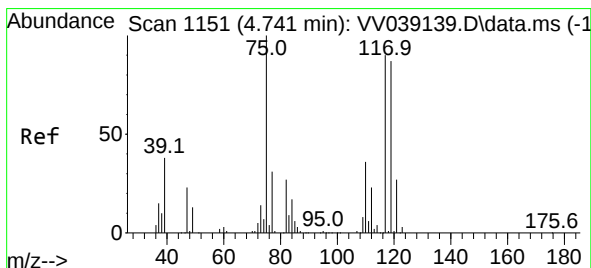
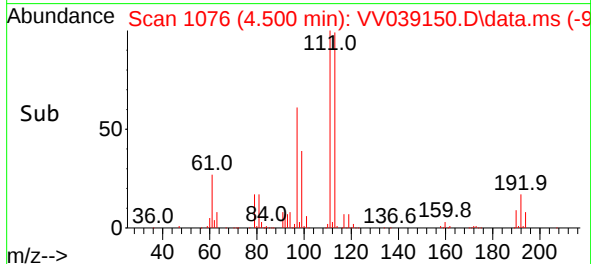
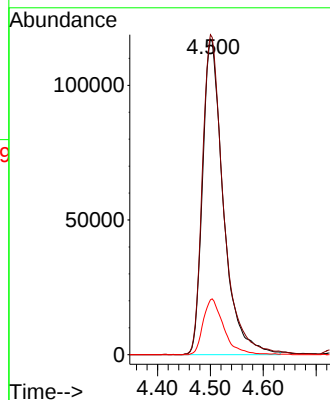
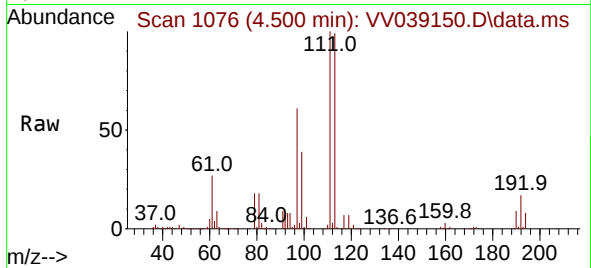




#35
 Dibromofluoromethane
 Concen: 50.023 ug/l
 RT: 4.500 min Scan# 1113
 Delta R.T. 0.003 min
 Lab File: VV039150.D
 Acq: 24 Sep 2025 14:01

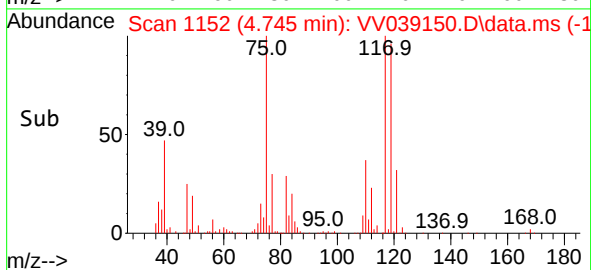
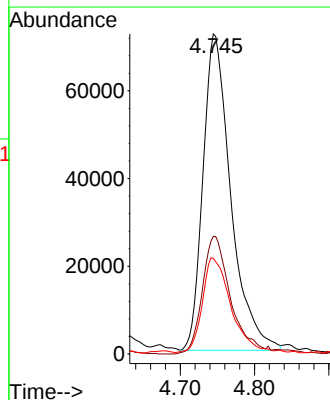
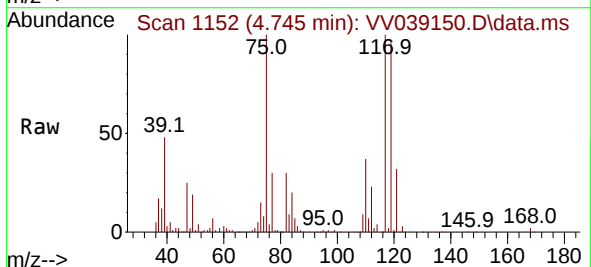
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0924WBS02

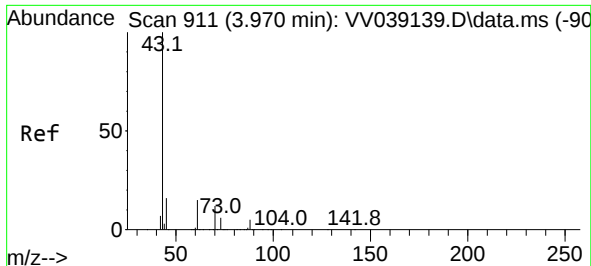
Tgt Ion:113 Resp: 319944
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 17.5 13.8 20.8



#36
 1,1-Dichloropropene
 Concen: 19.432 ug/l
 RT: 4.745 min Scan# 1152
 Delta R.T. 0.004 min
 Lab File: VV039150.D
 Acq: 24 Sep 2025 14:01

Tgt Ion: 75 Resp: 187909
 Ion Ratio Lower Upper
 75 100
 110 37.9 18.1 54.1
 77 30.3 24.8 37.2

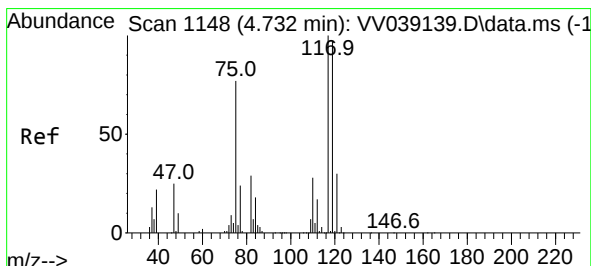
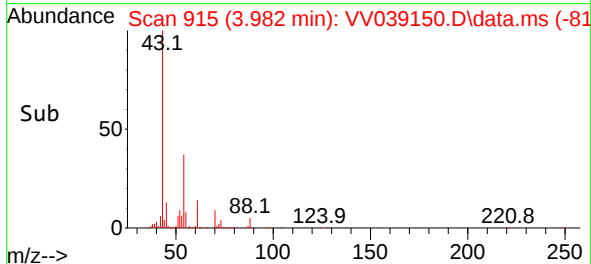
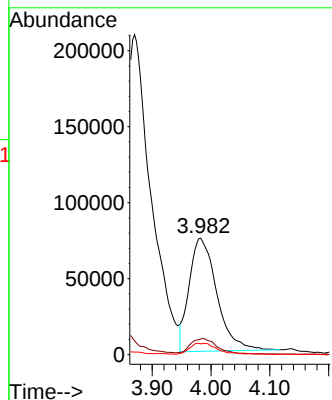
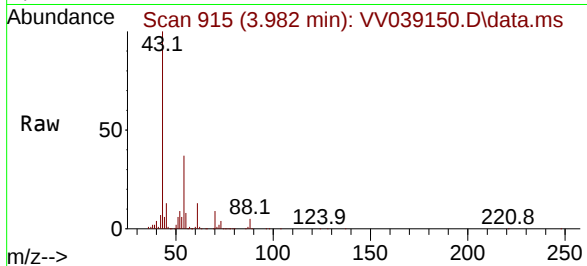




#37
Ethyl Acetate
Concen: 20.776 ug/l
RT: 3.982 min Scan# 911
Delta R.T. 0.012 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

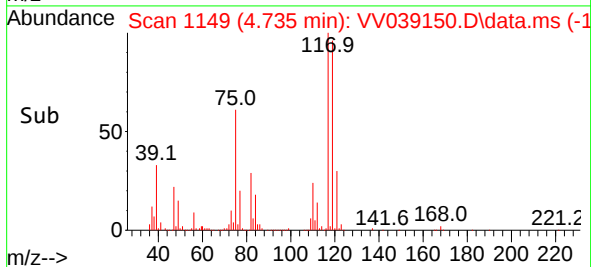
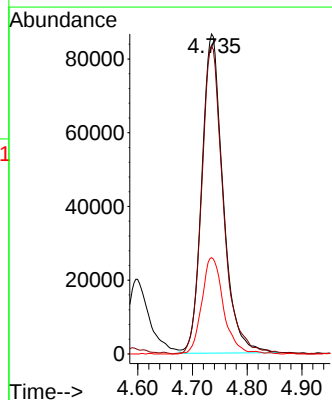
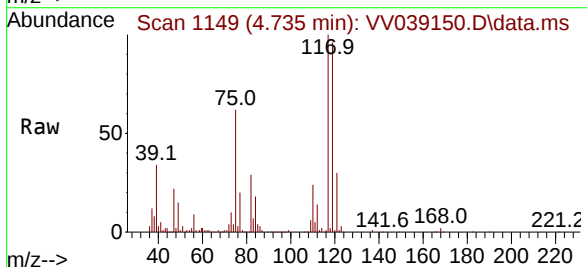
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

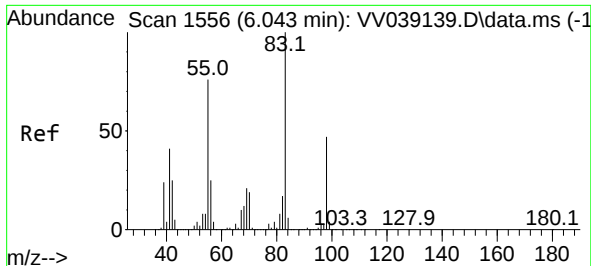
Tgt Ion: 43 Resp: 243790
Ion Ratio Lower Upper
43 100
61 13.2 10.3 15.5
70 3.9 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 19.709 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 117 Resp: 232933
Ion Ratio Lower Upper
117 100
119 96.3 77.2 115.8
121 30.2 24.2 36.2

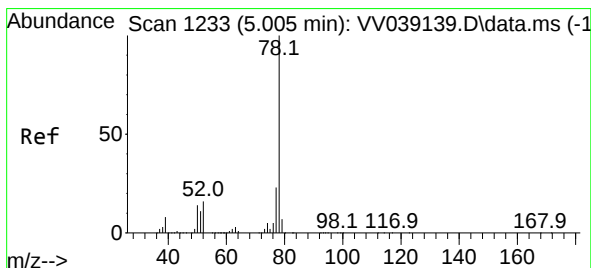
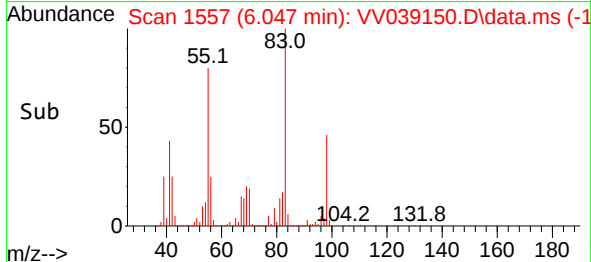
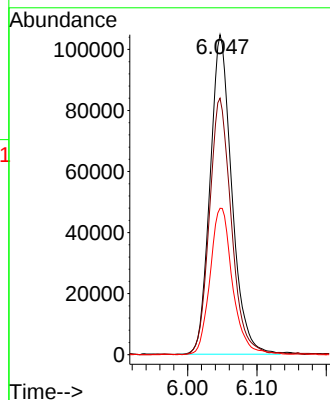
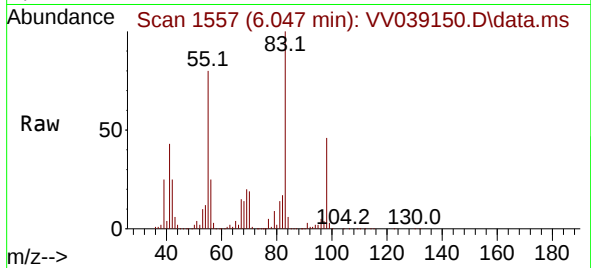




#39
Methylcyclohexane
Concen: 19.594 ug/l
RT: 6.047 min Scan# 11
Delta R.T. 0.004 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

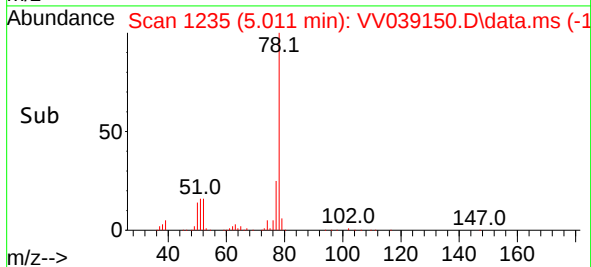
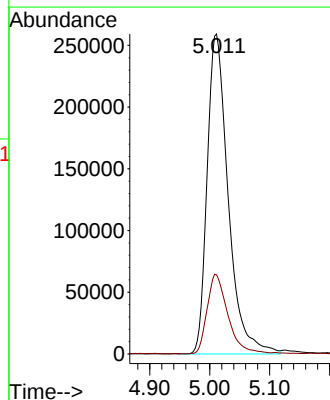
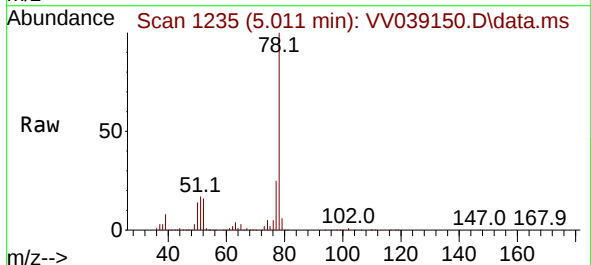
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

Tgt Ion: 83 Resp: 228816
Ion Ratio Lower Upper
83 100
55 80.2 60.5 90.7
98 45.7 37.8 56.6



#40
Benzene
Concen: 20.134 ug/l
RT: 5.011 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 78 Resp: 633991
Ion Ratio Lower Upper
78 100
77 24.7 18.7 28.1

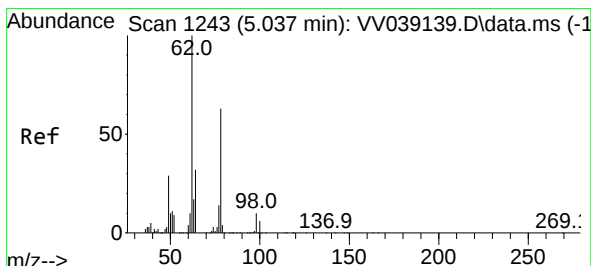
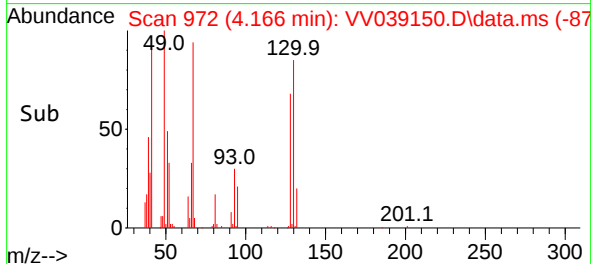
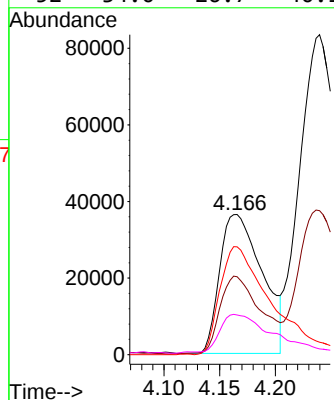
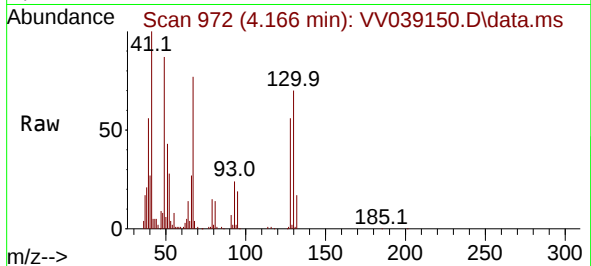




#41
Methacrylonitrile
Concen: 19.385 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.013 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

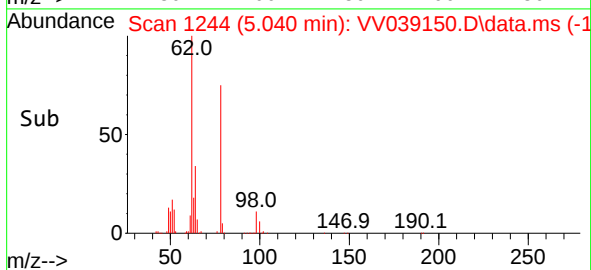
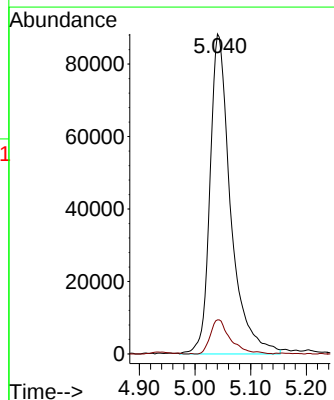
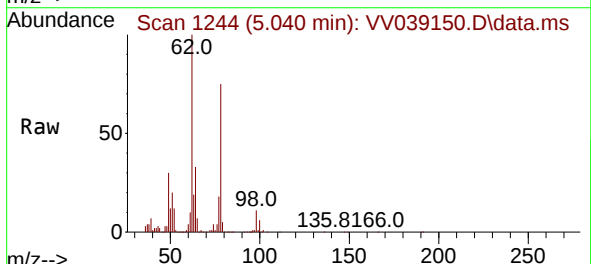
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

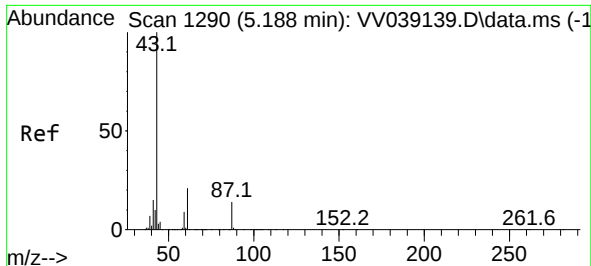
Tgt Ion:	41	Resp:	96391
Ion	Ratio	Lower	Upper
41	100		
39	54.2	42.2	63.2
67	96.0	67.9	101.9
52	34.0	26.7	40.1



#42
1,2-Dichloroethane
Concen: 20.677 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion:	62	Resp:	228142
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	19.2

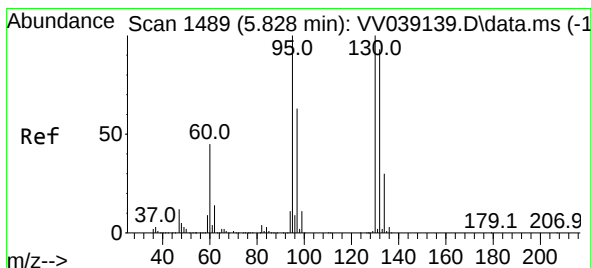
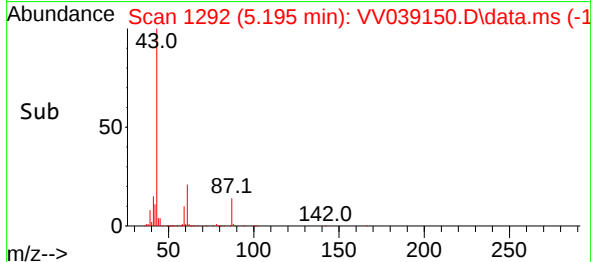
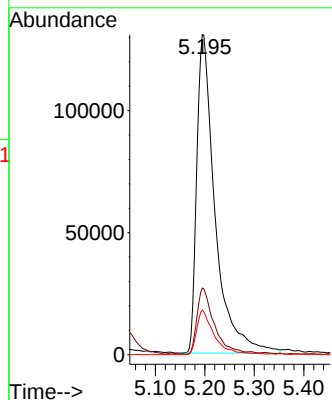
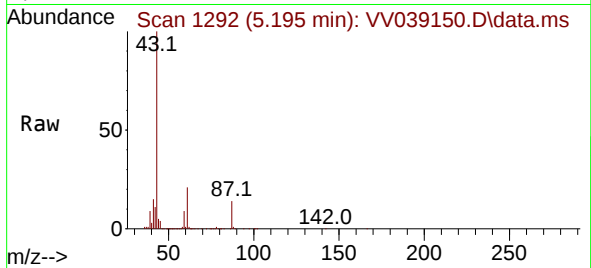




#43
Isopropyl Acetate
Concen: 21.097 ug/l
RT: 5.195 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

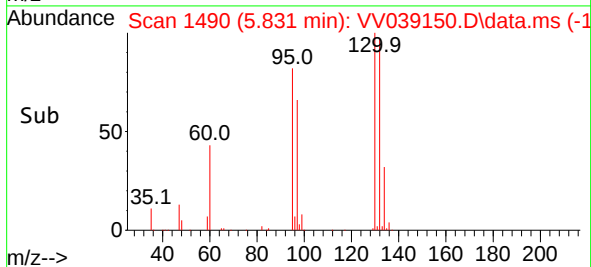
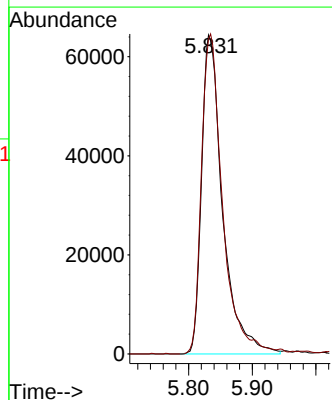
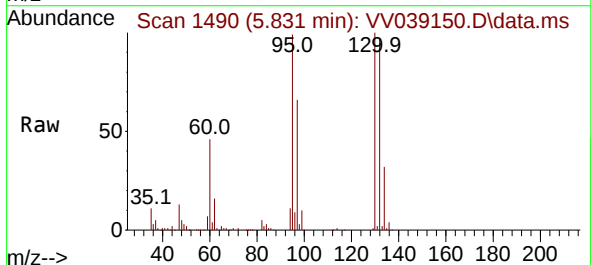
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

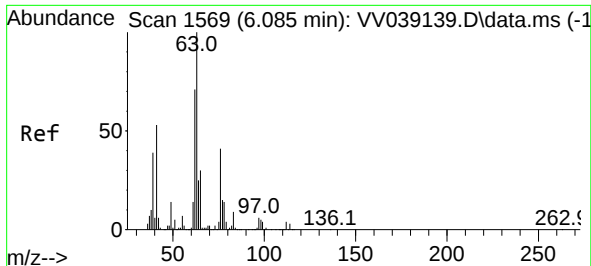
Tgt Ion: 43 Resp: 337530
Ion Ratio Lower Upper
43 100
61 19.3 15.9 23.9
87 13.1 11.0 16.6



#44
Trichloroethene
Concen: 20.297 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion:130 Resp: 147483
Ion Ratio Lower Upper
130 100
95 98.7 0.0 199.2





#45

1,2-Dichloropropane

Concen: 20.941 ug/l

RT: 6.092 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

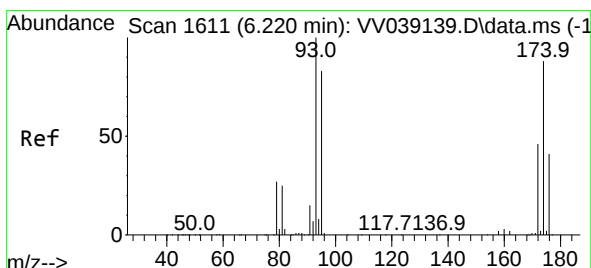
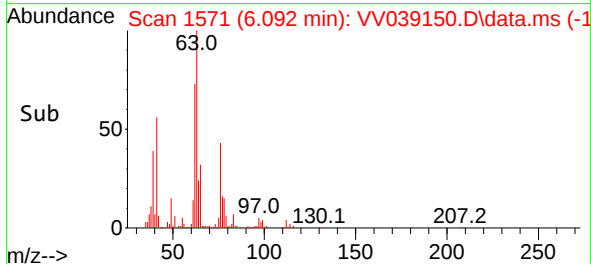
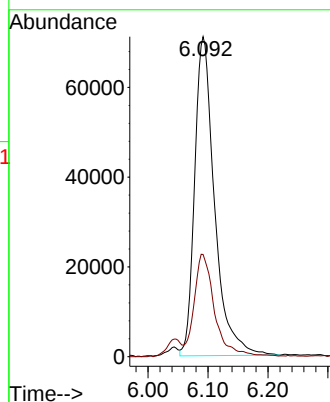
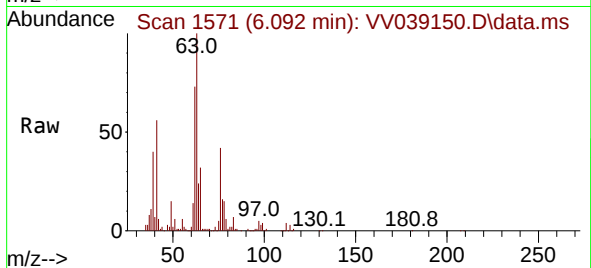
VV0924WBS02

Tgt Ion: 63 Resp: 163901

Ion Ratio Lower Upper

63 100

65 31.9 23.7 35.5



#46

Dibromomethane

Concen: 21.059 ug/l

RT: 6.227 min Scan# 1613

Delta R.T. 0.006 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

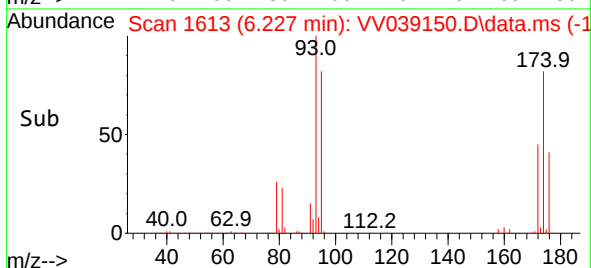
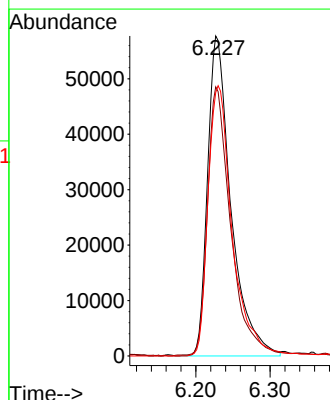
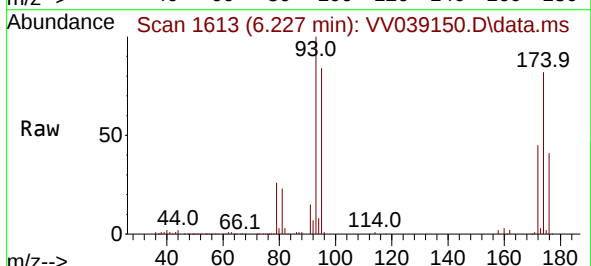
Tgt Ion: 93 Resp: 126157

Ion Ratio Lower Upper

93 100

95 82.4 65.5 98.3

174 87.6 69.0 103.4





#47

Bromodichloromethane

Concen: 20.565 ug/l

RT: 6.426 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

VV0924WBS02

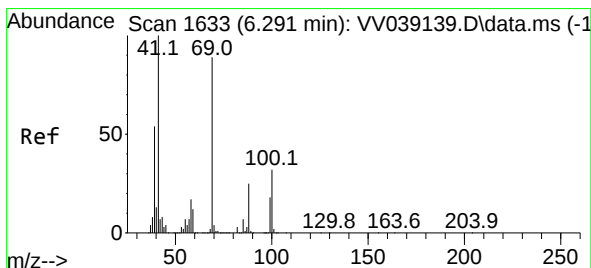
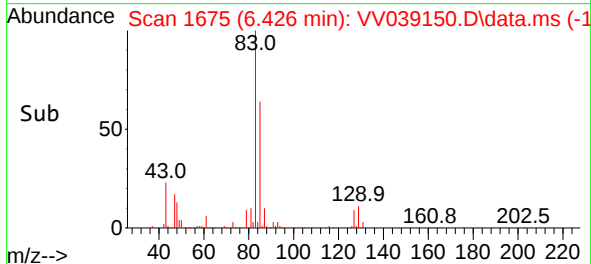
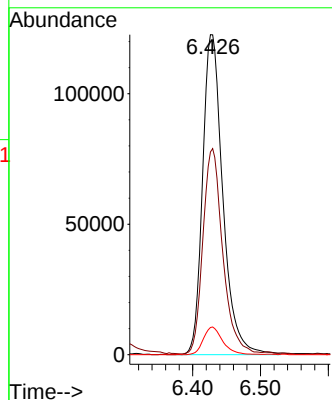
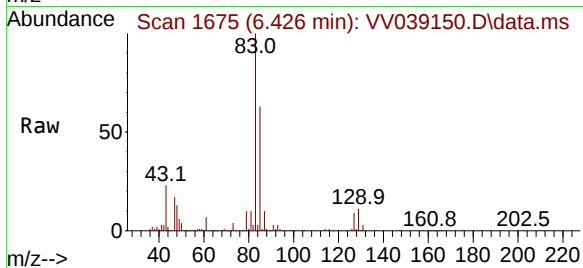
Tgt Ion: 83 Resp: 254692

Ion Ratio Lower Upper

83 100

85 63.1 49.7 74.5

127 8.4 6.6 9.8



#48

Methyl methacrylate

Concen: 20.025 ug/l

RT: 6.301 min Scan# 1636

Delta R.T. 0.010 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

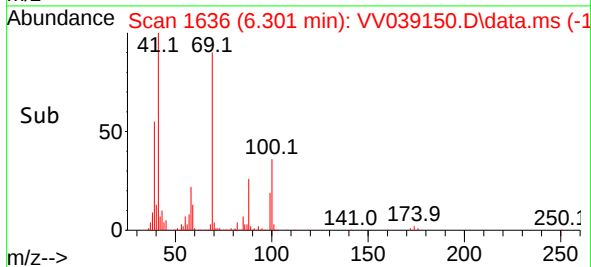
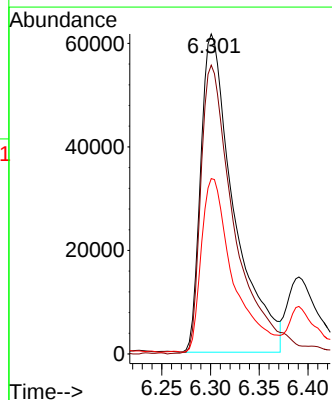
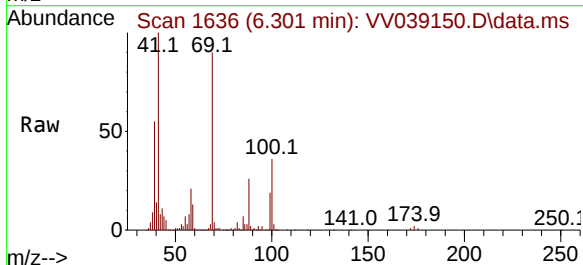
Tgt Ion: 41 Resp: 145228

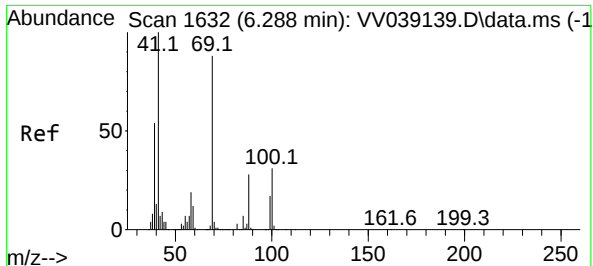
Ion Ratio Lower Upper

41 100

69 93.8 72.4 108.6

39 52.8 42.5 63.7





#49

1,4-Dioxane

Concen: 395.445 ug/l

RT: 6.294 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

VV0924WBS02

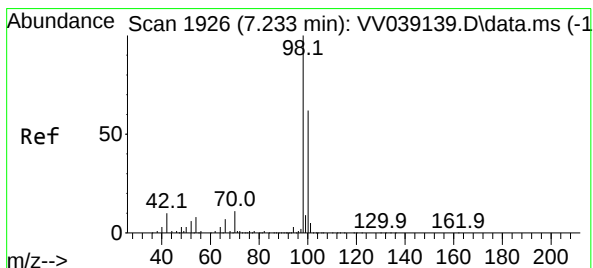
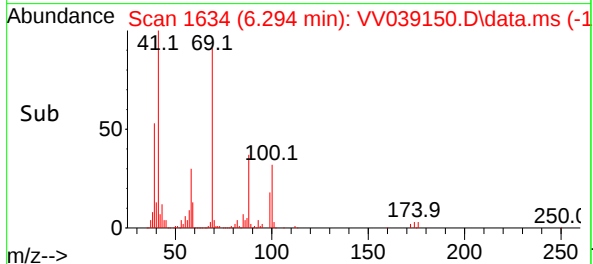
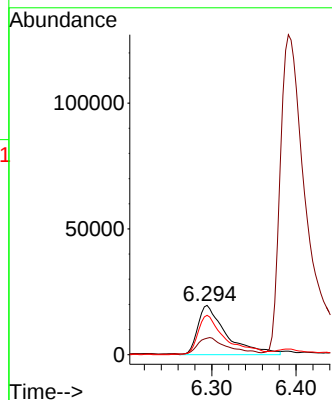
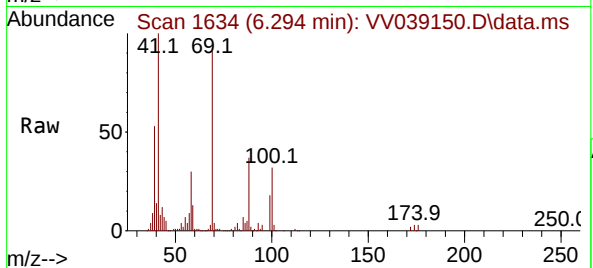
Tgt Ion: 88 Resp: 46282

Ion Ratio Lower Upper

88 100

43 33.3 25.1 37.7

58 76.6 53.6 80.4



#50

Toluene-d8

Concen: 49.469 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.003 min

Lab File: VV039150.D

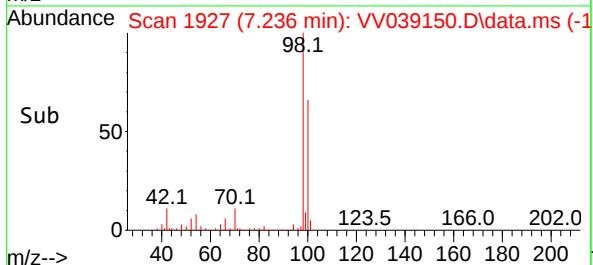
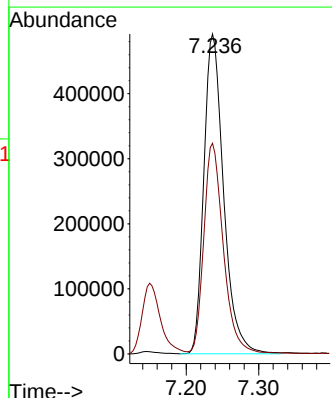
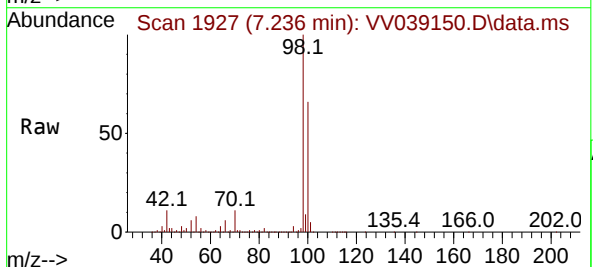
Acq: 24 Sep 2025 14:01

Tgt Ion: 98 Resp: 929285

Ion Ratio Lower Upper

98 100

100 64.5 52.2 78.2

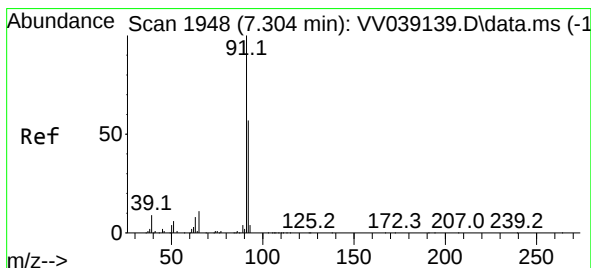
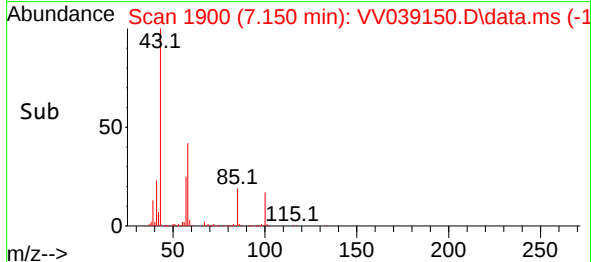
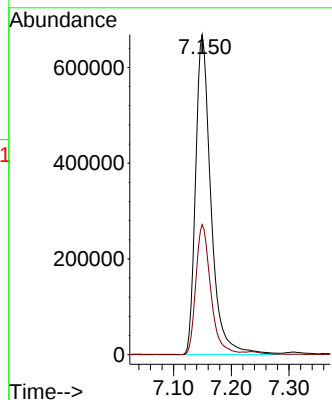
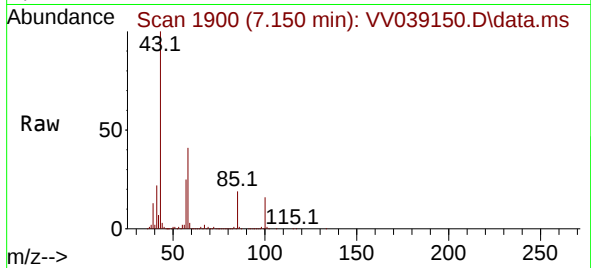




#51
4-Methyl-2-Pentanone
Concen: 117.436 ug/l
RT: 7.150 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

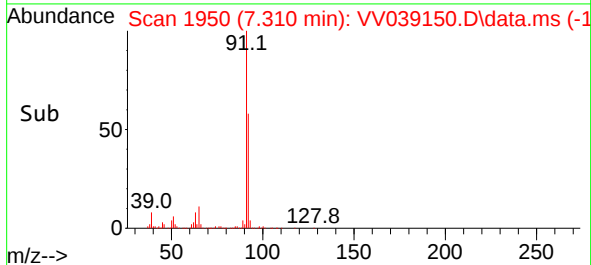
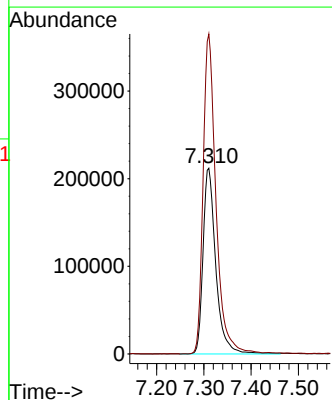
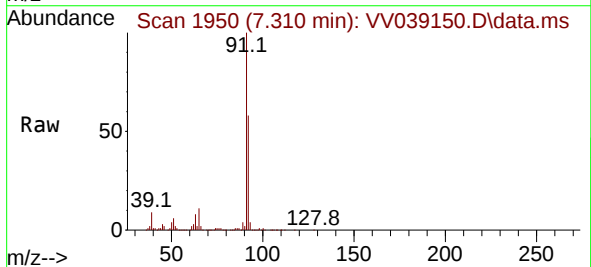
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

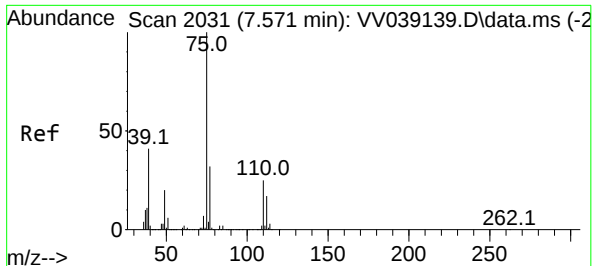
Tgt Ion: 43 Resp: 1236058
Ion Ratio Lower Upper
43 100
58 39.4 32.3 48.5



#52
Toluene
Concen: 21.801 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.006 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 92 Resp: 398034
Ion Ratio Lower Upper
92 100
91 173.0 139.2 208.8





#53

t-1,3-Dichloropropene

Concen: 21.603 ug/l

RT: 7.577 min Scan# 2031

Delta R.T. 0.006 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

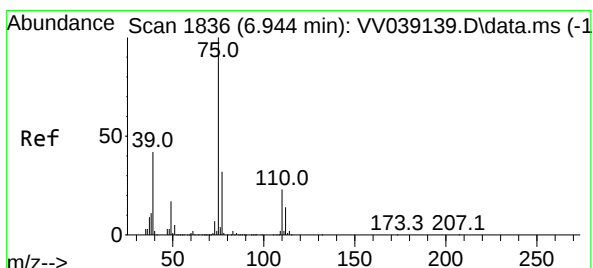
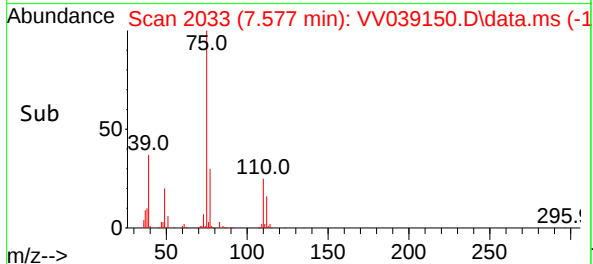
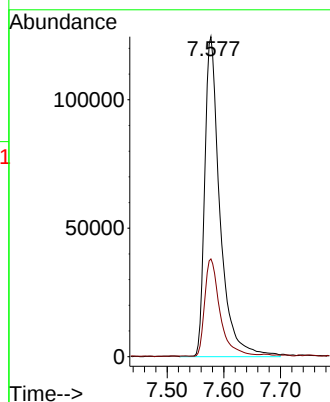
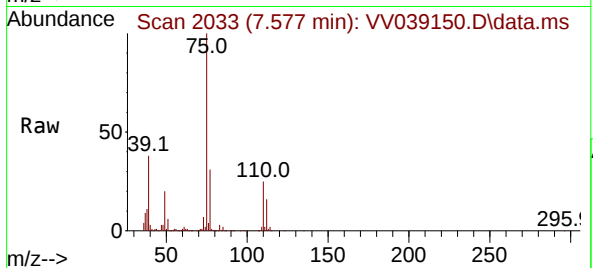
VV0924WBS02

Tgt Ion: 75 Resp: 233157

Ion Ratio Lower Upper

75 100

77 30.3 25.9 38.9



#54

cis-1,3-Dichloropropene

Concen: 21.501 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.006 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

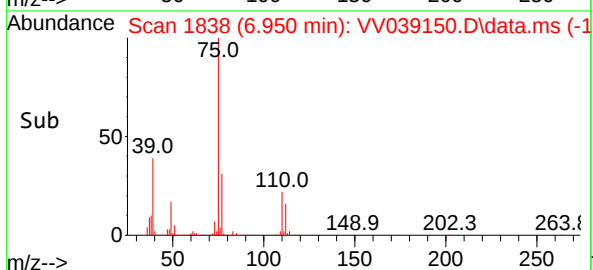
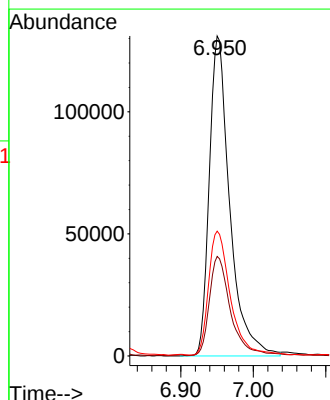
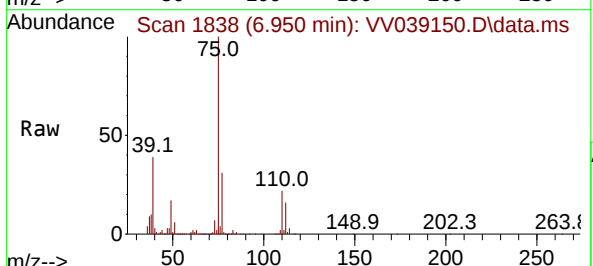
Tgt Ion: 75 Resp: 256176

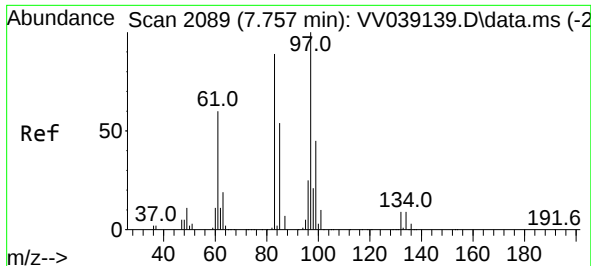
Ion Ratio Lower Upper

75 100

77 30.7 25.5 38.3

39 38.5 33.8 50.6

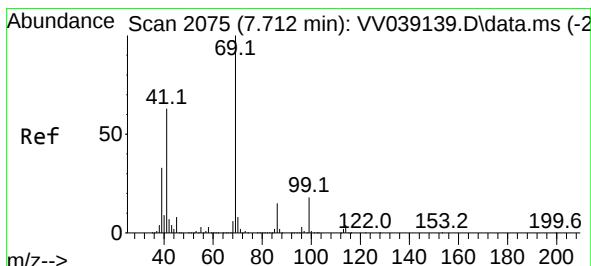
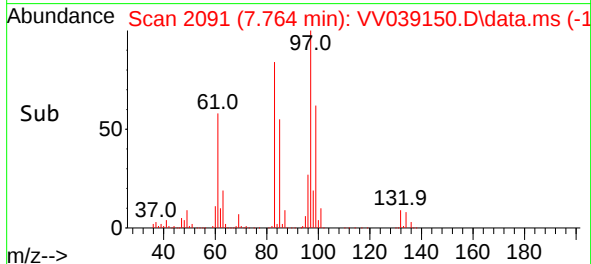
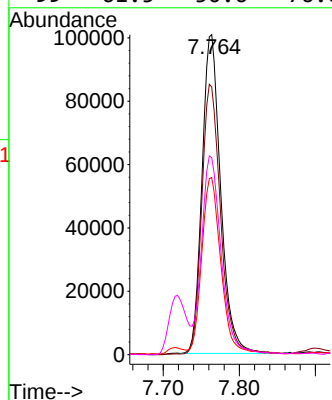
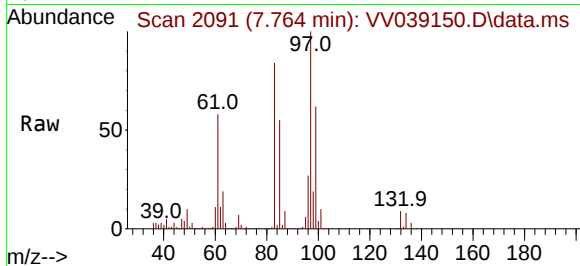




#55
 1,1,2-Trichloroethane
 Concen: 20.993 ug/l
 RT: 7.764 min Scan# 2091
 Delta R.T. 0.007 min
 Lab File: VV039150.D
 Acq: 24 Sep 2025 14:01

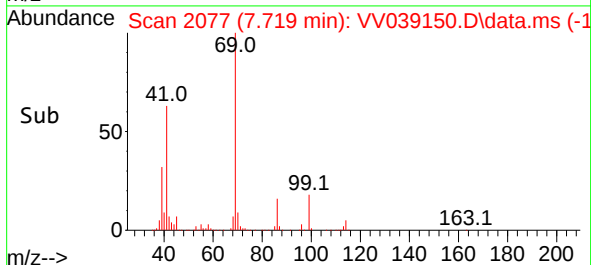
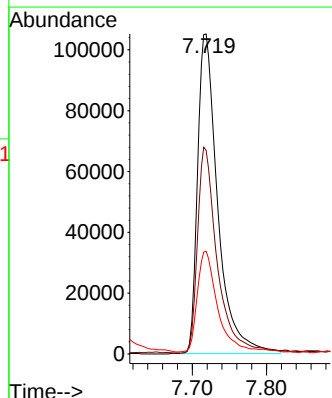
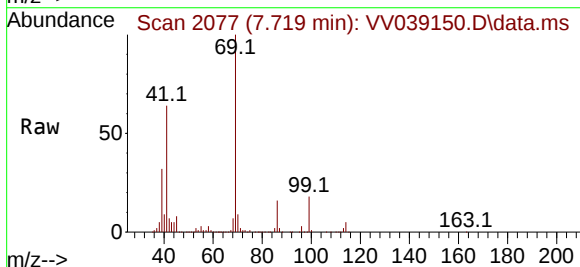
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0924WBS02

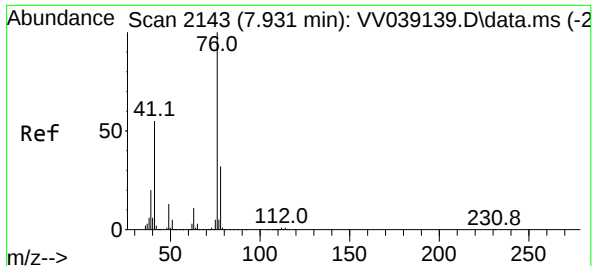
Tgt Ion:	97	Resp:	171861
Ion	Ratio	Lower	Upper
97	100		
83	83.8	71.1	106.7
85	55.1	44.6	67.0
99	61.5	50.6	76.0



#56
 Ethyl methacrylate
 Concen: 20.452 ug/l
 RT: 7.719 min Scan# 2077
 Delta R.T. 0.007 min
 Lab File: VV039150.D
 Acq: 24 Sep 2025 14:01

Tgt Ion:	69	Resp:	198833
Ion	Ratio	Lower	Upper
69	100		
41	63.2	50.7	76.1
39	32.0	26.0	39.0





#57

1,3-Dichloropropane

Concen: 21.486 ug/l

RT: 7.934 min Scan# 2143

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

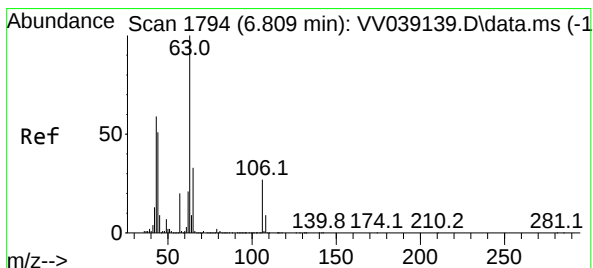
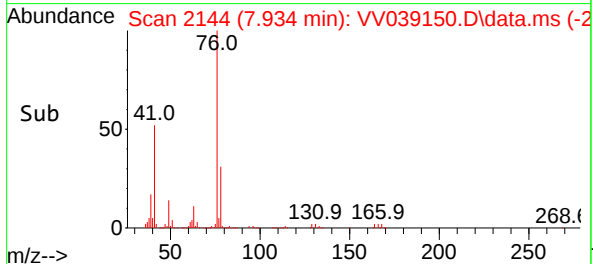
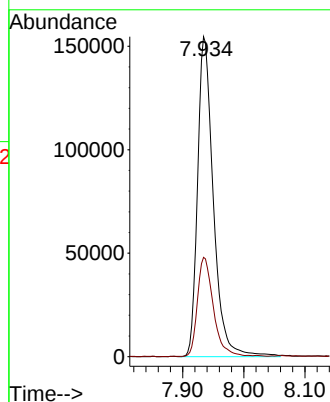
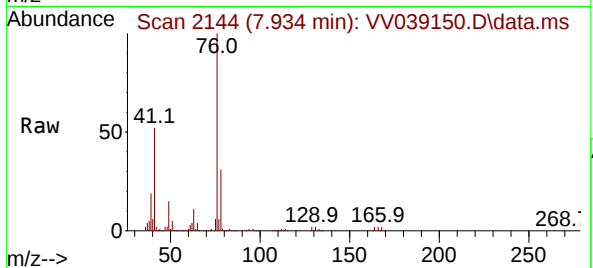
VV0924WBS02

Tgt Ion: 76 Resp: 277597

Ion Ratio Lower Upper

76 100

78 31.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 100.347 ug/l

RT: 6.815 min Scan# 1796

Delta R.T. 0.006 min

Lab File: VV039150.D

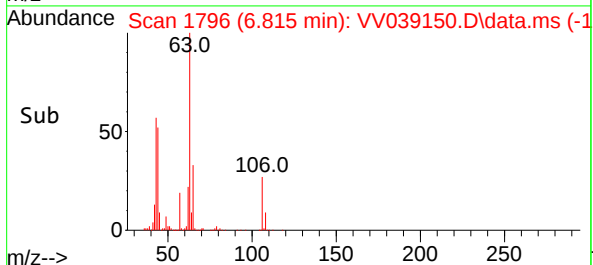
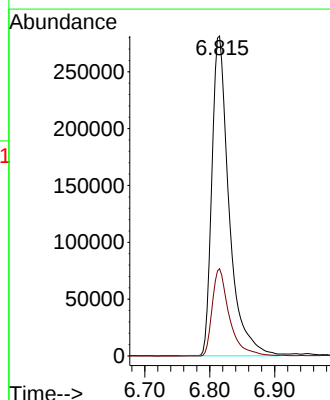
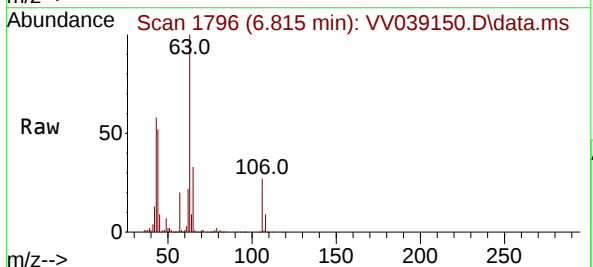
Acq: 24 Sep 2025 14:01

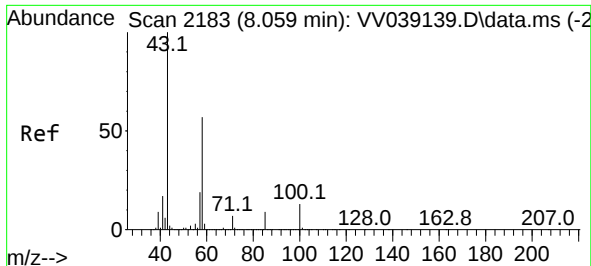
Tgt Ion: 63 Resp: 517964

Ion Ratio Lower Upper

63 100

106 27.0 22.1 33.1

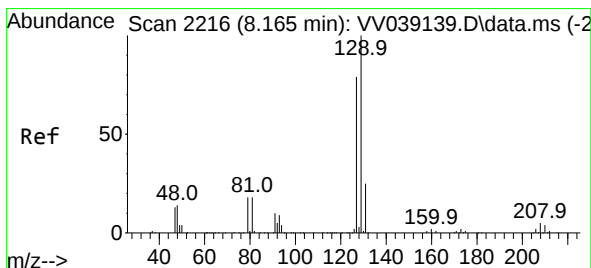
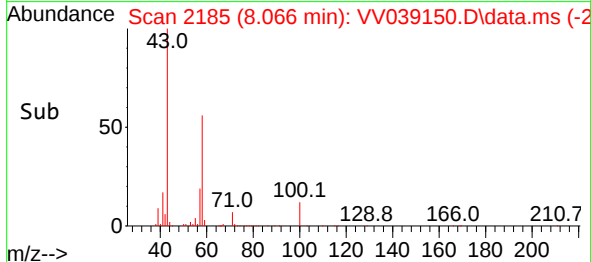
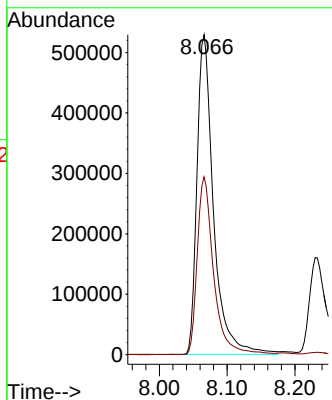
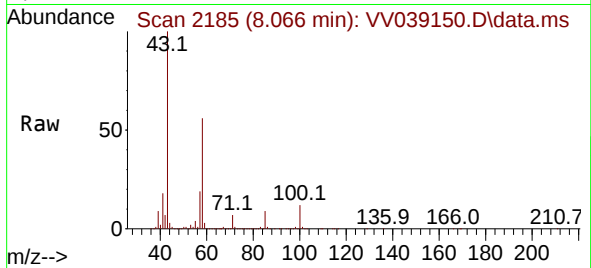




#59
2-Hexanone
Concen: 106.669 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.007 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

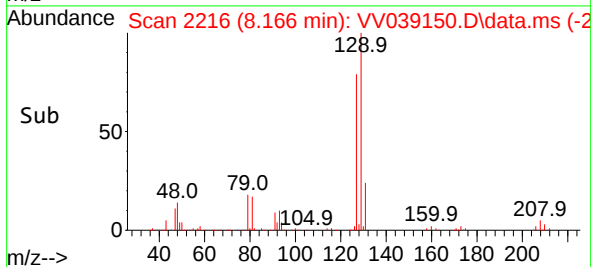
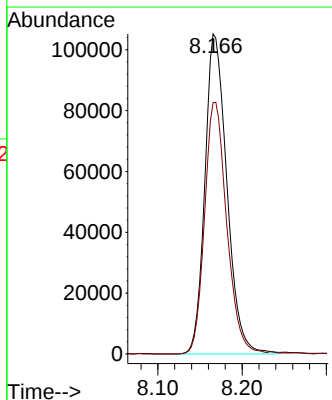
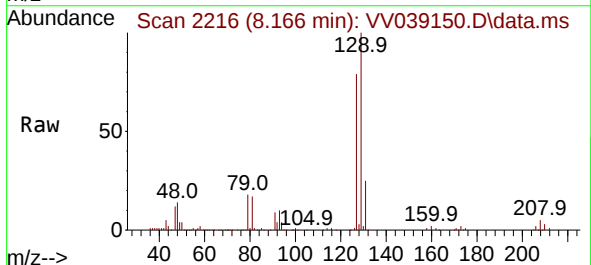
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

Tgt Ion: 43 Resp: 894828
Ion Ratio Lower Upper
43 100
58 55.1 28.3 85.0



#60
Dibromochloromethane
Concen: 20.508 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 129 Resp: 191297
Ion Ratio Lower Upper
129 100
127 79.2 39.3 117.9

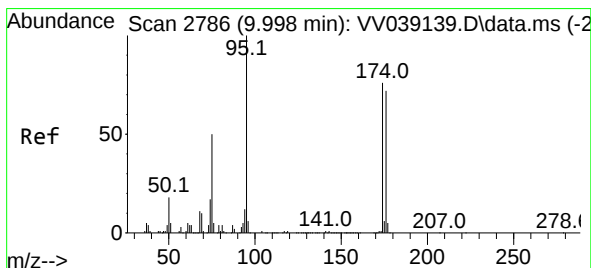
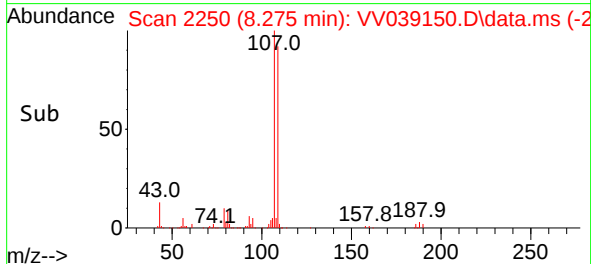
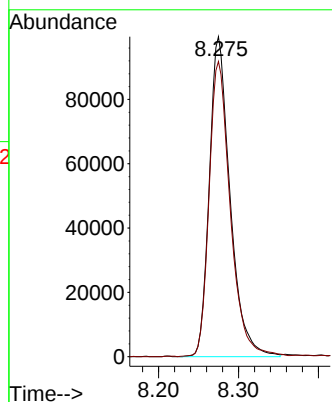
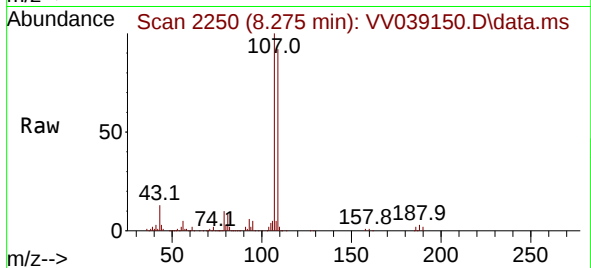




#61
1,2-Dibromoethane
Concen: 21.450 ug/l
RT: 8.275 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

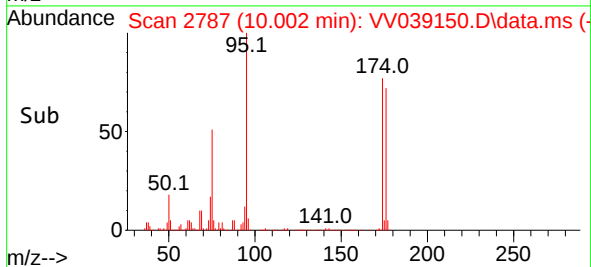
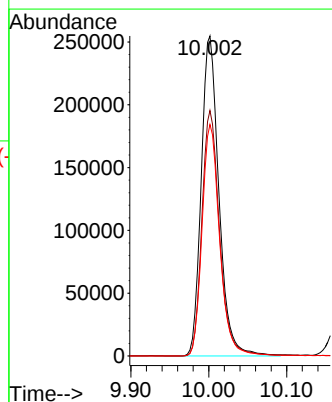
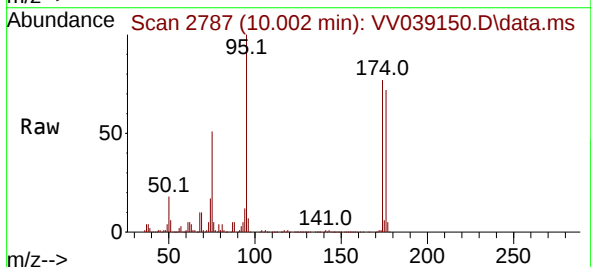
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

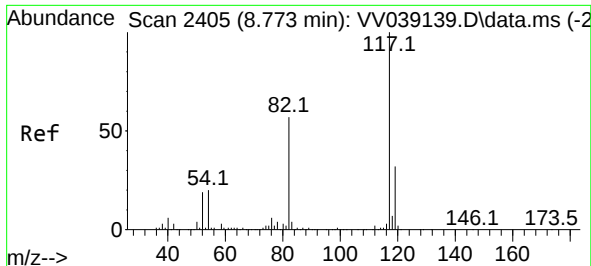
Tgt Ion:107 Resp: 179580
Ion Ratio Lower Upper
107 100
109 94.4 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 52.007 ug/l
RT: 10.002 min Scan# 2787
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 95 Resp: 402187
Ion Ratio Lower Upper
95 100
174 76.8 0.0 150.4
176 72.1 0.0 144.2

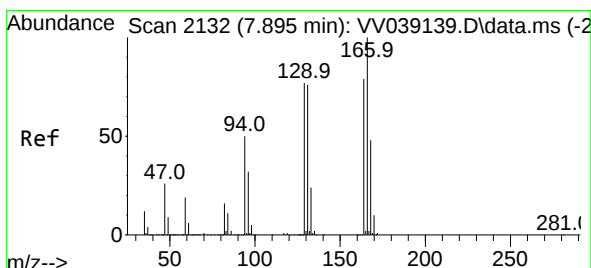
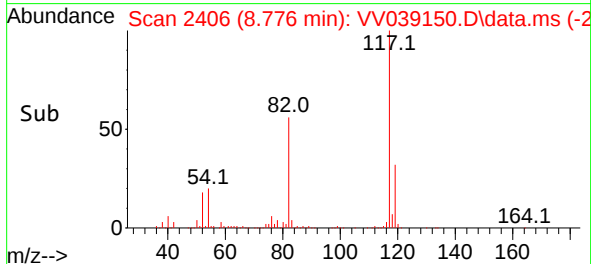
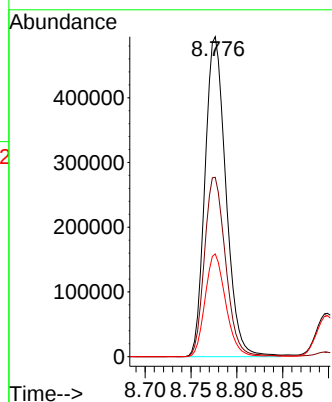
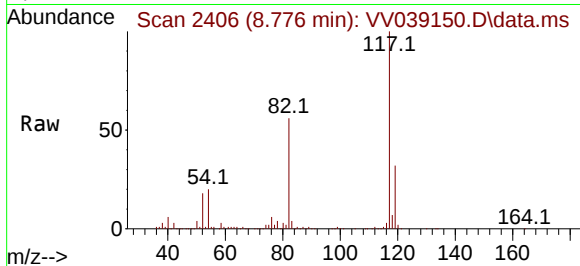




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

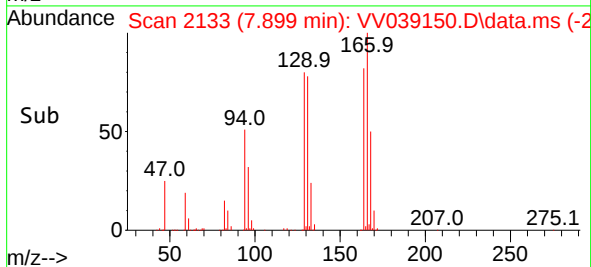
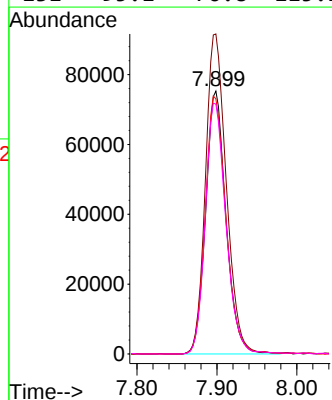
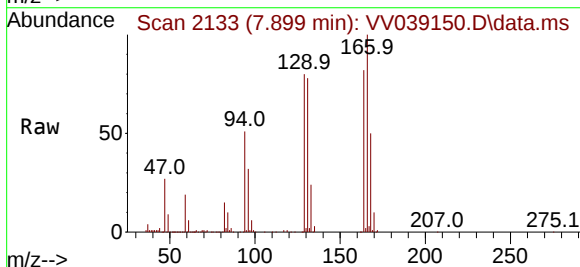
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

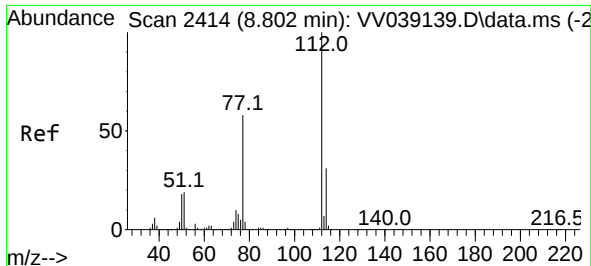
Tgt Ion:117 Resp: 784865
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.2
119 32.1 25.6 38.4



#64
Tetrachloroethene
Concen: 20.213 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion:164 Resp: 132876
Ion Ratio Lower Upper
164 100
166 121.7 101.6 152.4
129 97.0 78.5 117.7
131 95.1 76.8 115.2





#65

Chlorobenzene

Concen: 19.777 ug/l

RT: 8.805 min Scan# 2414

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

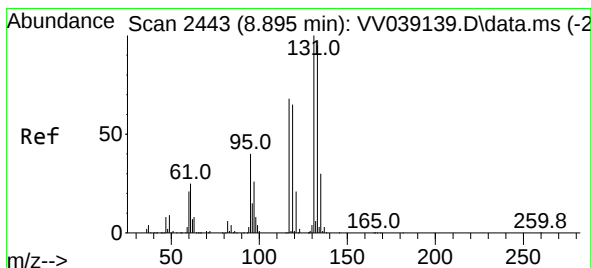
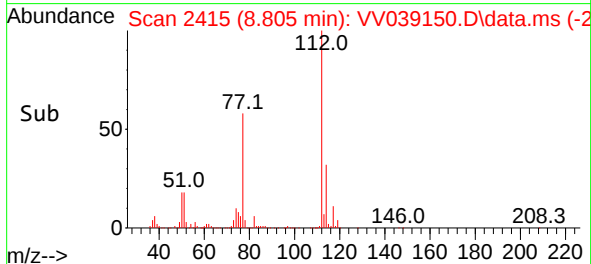
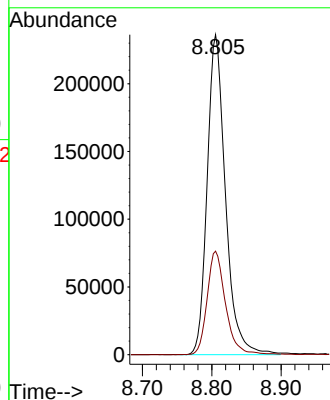
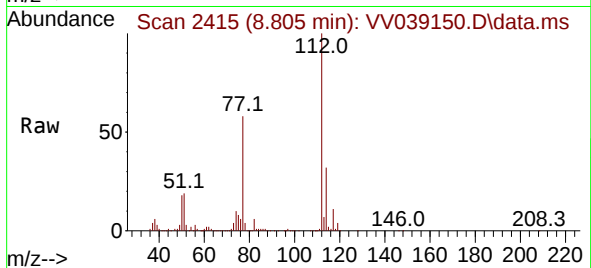
VV0924WBS02

Tgt Ion:112 Resp: 432358

Ion Ratio Lower Upper

112 100

114 32.3 24.6 37.0



#66

1,1,1,2-Tetrachloroethane

Concen: 19.826 ug/l

RT: 8.899 min Scan# 2444

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

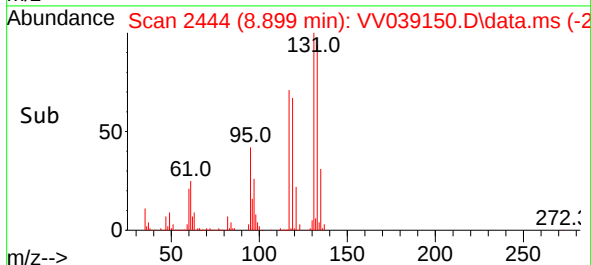
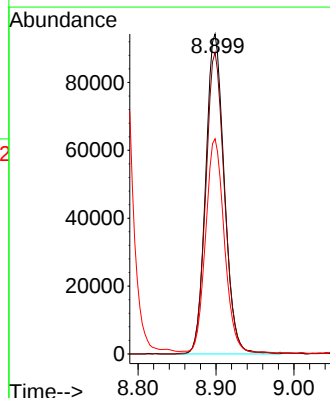
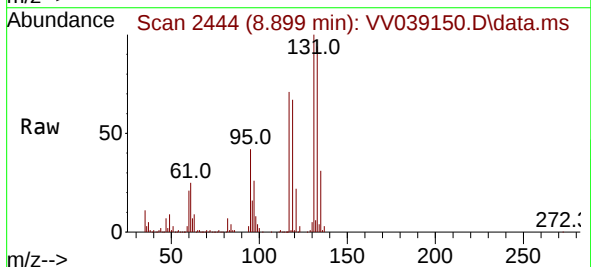
Tgt Ion:131 Resp: 156609

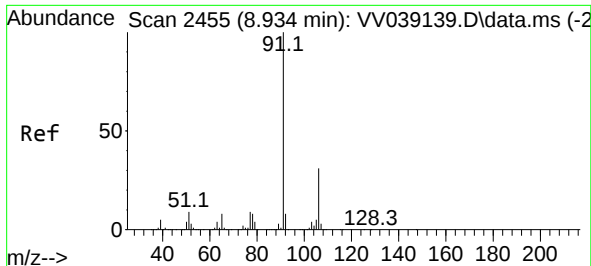
Ion Ratio Lower Upper

131 100

133 94.7 47.3 141.8

119 66.5 33.3 99.8





#67

Ethyl Benzene

Concen: 19.898 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

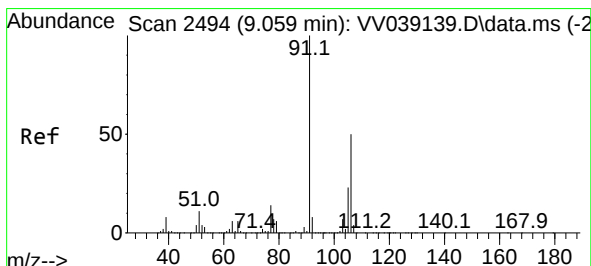
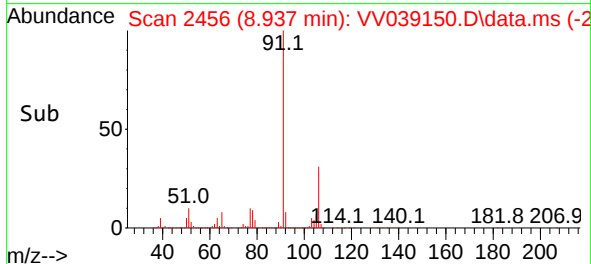
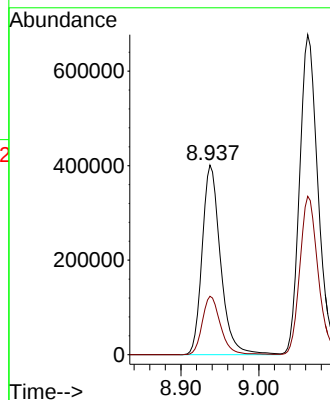
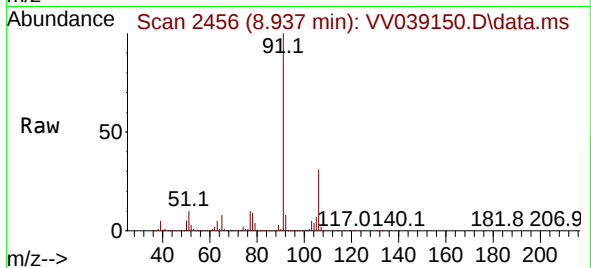
VV0924WBS02

Tgt Ion: 91 Resp: 658467

Ion Ratio Lower Upper

91 100

106 30.8 24.6 37.0



#68

m/p-Xylenes

Concen: 43.176 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.004 min

Lab File: VV039150.D

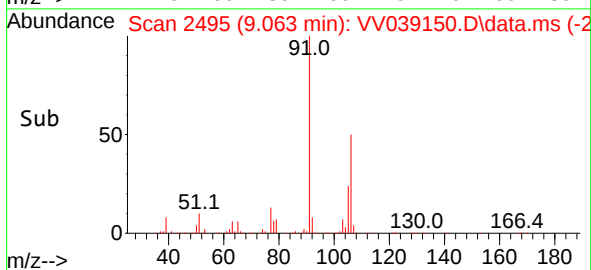
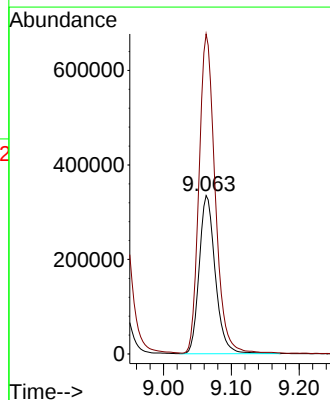
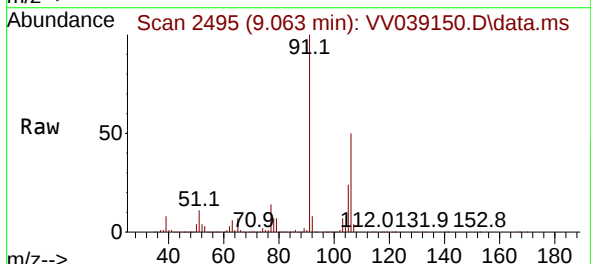
Acq: 24 Sep 2025 14:01

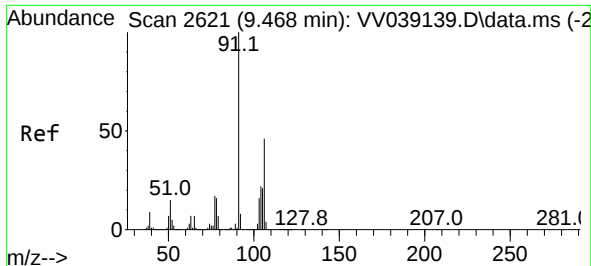
Tgt Ion: 106 Resp: 551462

Ion Ratio Lower Upper

106 100

91 201.7 162.5 243.7





#69

o-Xylene

Concen: 20.393 ug/l

RT: 9.468 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

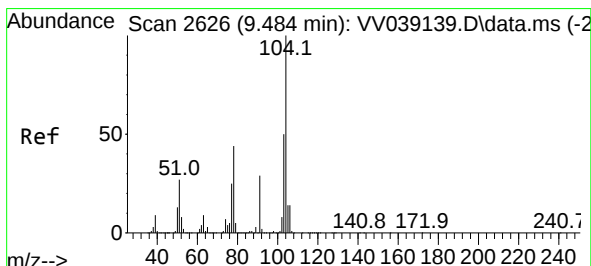
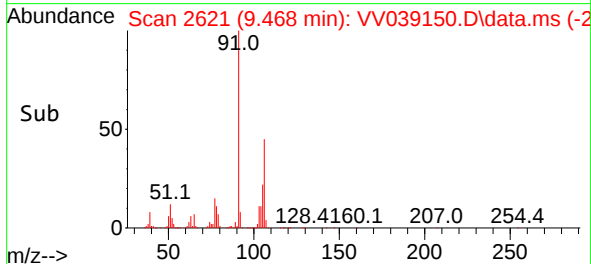
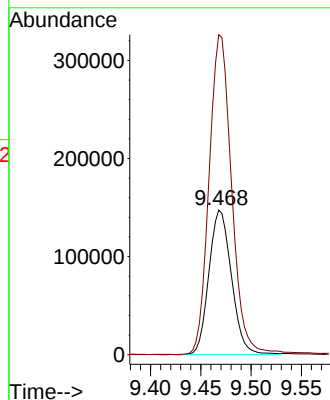
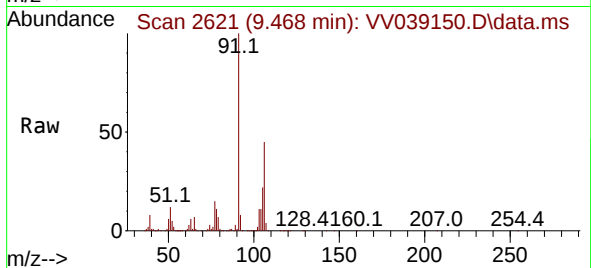
VV0924WBS02

Tgt Ion:106 Resp: 230630

Ion Ratio Lower Upper

106 100

91 222.0 109.1 327.3



#70

Styrene

Concen: 18.940 ug/l

RT: 9.487 min Scan# 2627

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

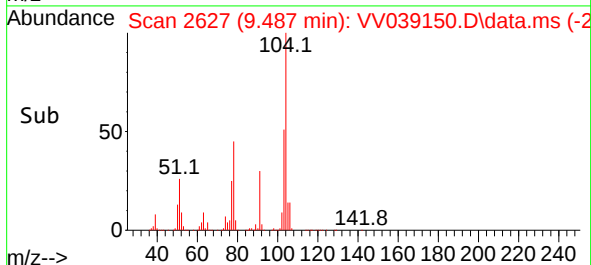
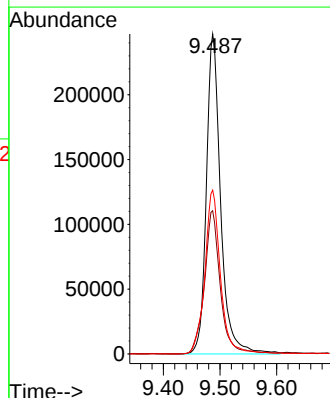
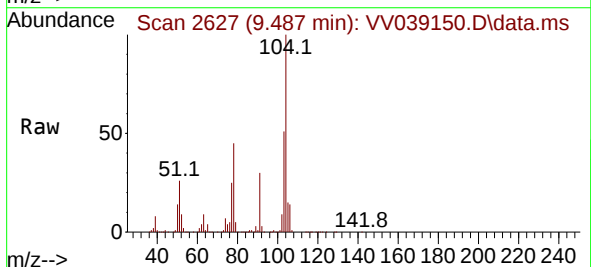
Tgt Ion:104 Resp: 431651

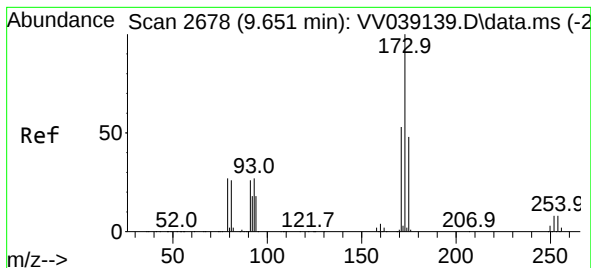
Ion Ratio Lower Upper

104 100

78 49.5 39.8 59.6

103 56.2 43.4 65.2





#71

Bromoform

Concen: 21.384 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

VV0924WBS02

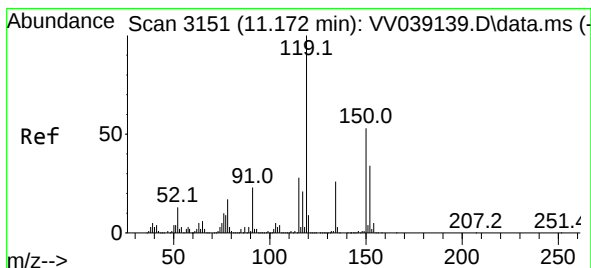
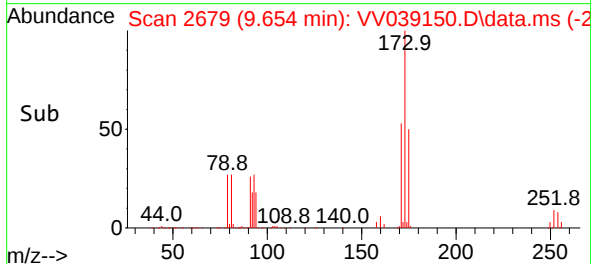
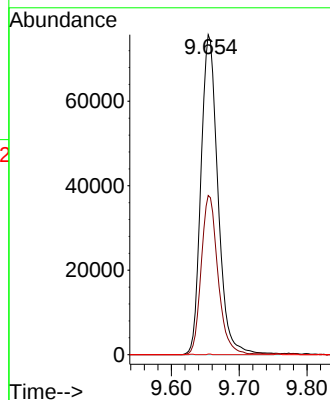
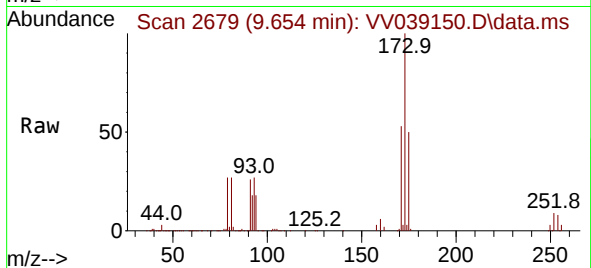
Tgt Ion:173 Resp: 131945

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

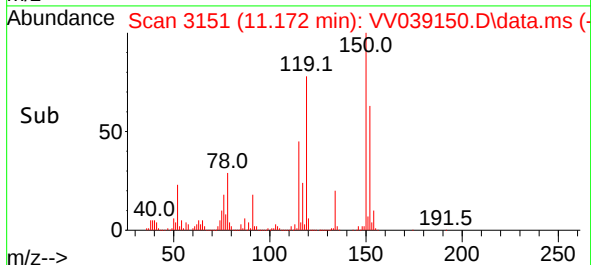
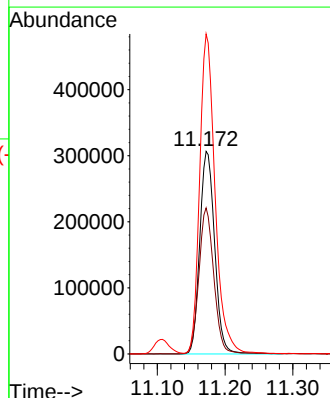
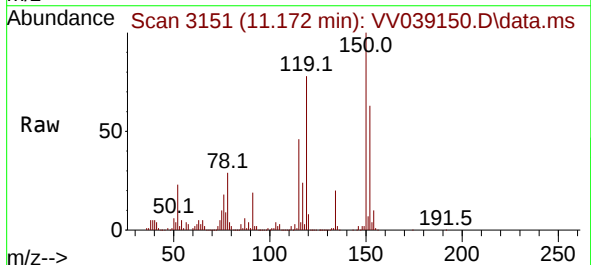
Tgt Ion:152 Resp: 468522

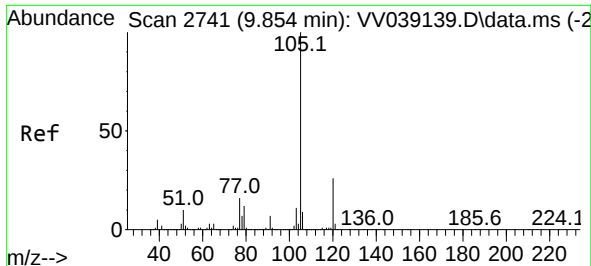
Ion Ratio Lower Upper

152 100

115 71.8 44.8 134.4

150 162.9 0.0 353.8

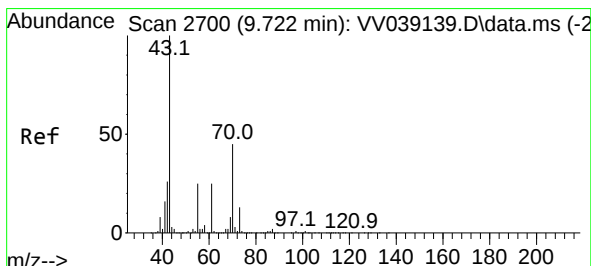
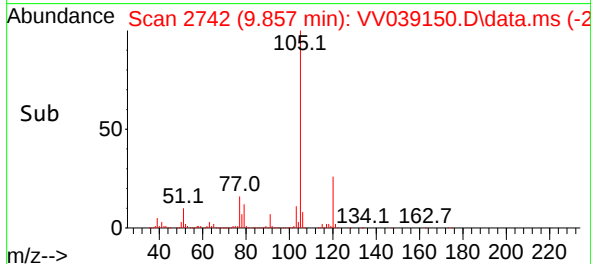
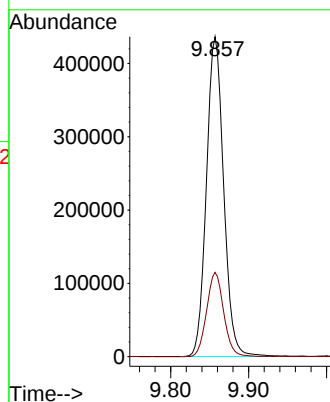
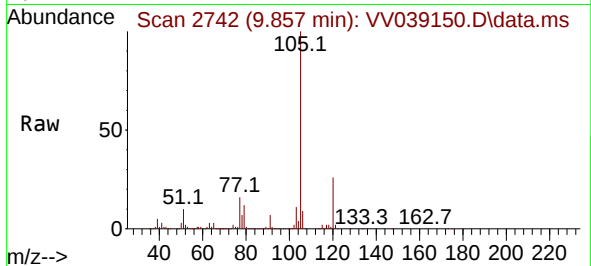




#73
Isopropylbenzene
Concen: 19.761 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

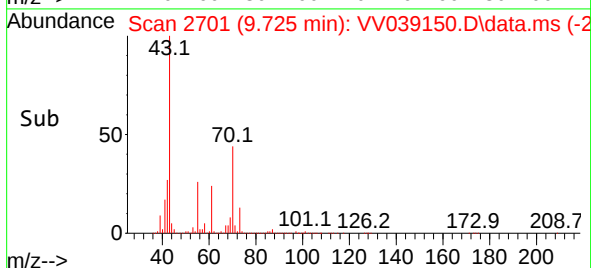
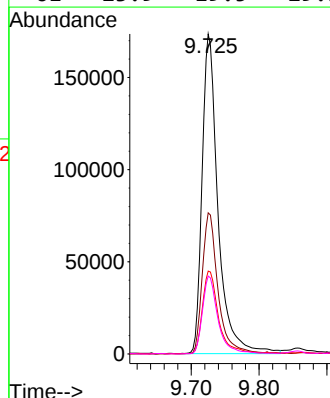
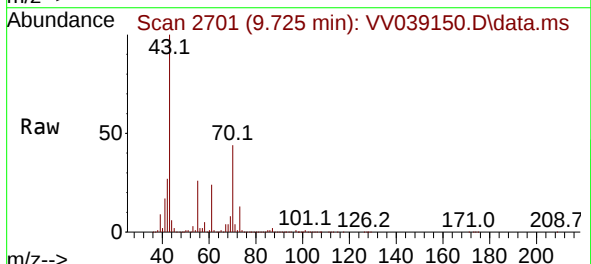
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

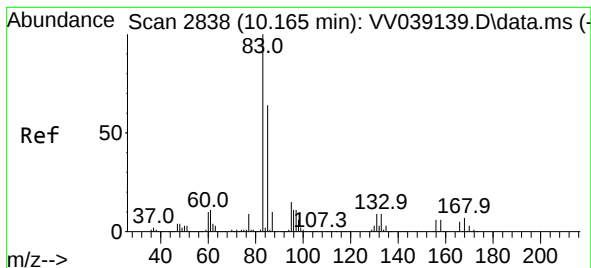
Tgt Ion:105 Resp: 671517
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 20.897 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 43 Resp: 283249
Ion Ratio Lower Upper
43 100
70 43.4 35.4 53.0
55 26.0 20.6 30.8
61 23.9 19.5 29.3

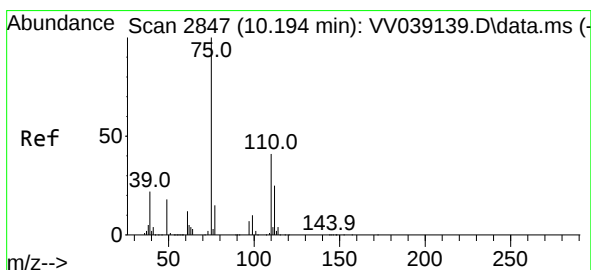
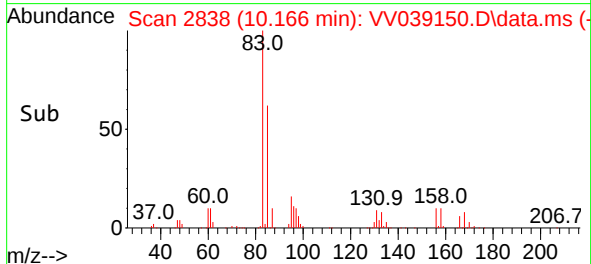
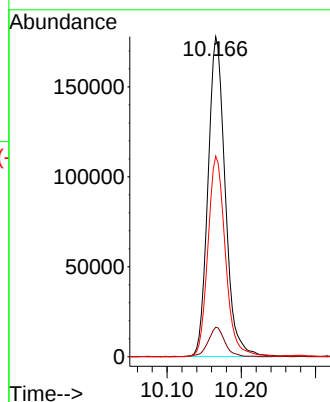
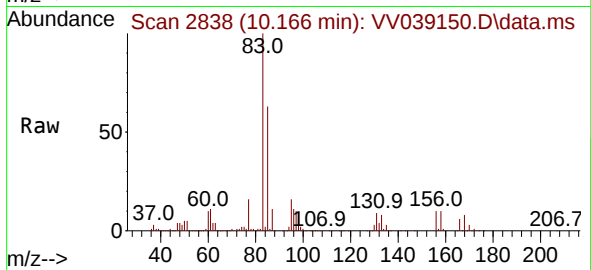




#75
1,1,2,2-Tetrachloroethane
Concen: 19.226 ug/l
RT: 10.166 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

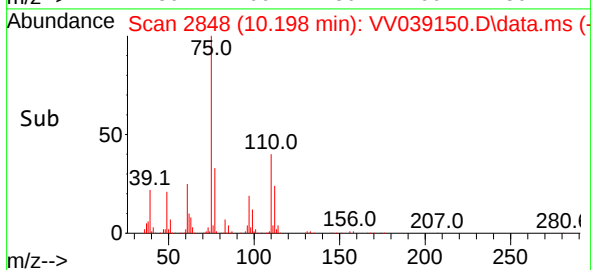
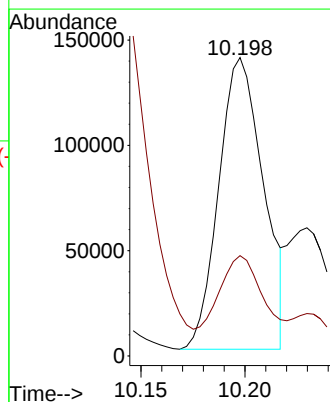
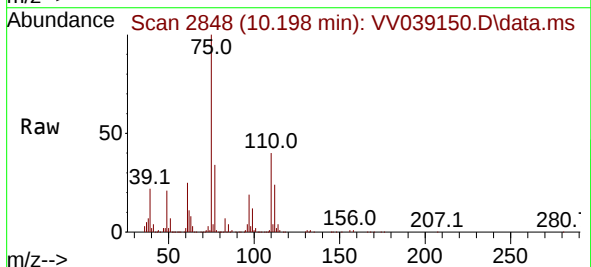
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

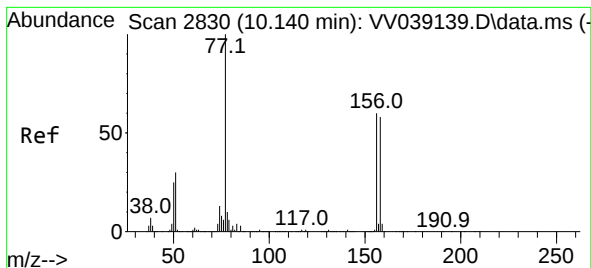
Tgt Ion: 83 Resp: 286264
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.7
85 63.7 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 19.396 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 75 Resp: 206903
Ion Ratio Lower Upper
75 100
77 22.4 11.3 33.8





#77

Bromobenzene

Concen: 19.674 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

VV0924WBS02

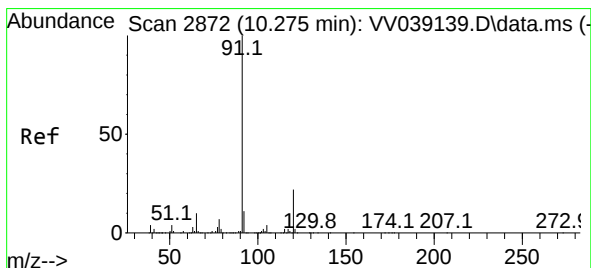
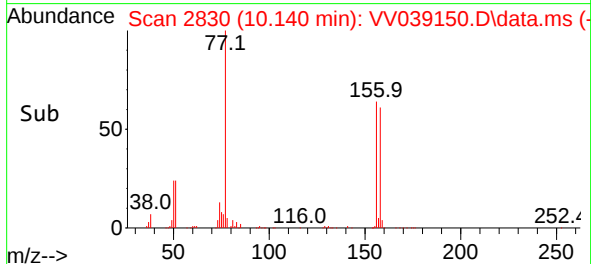
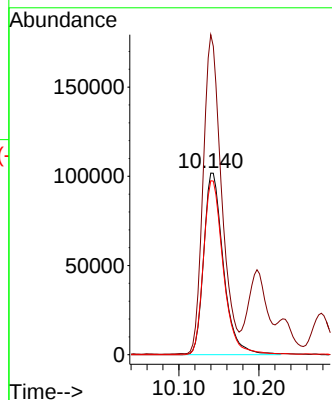
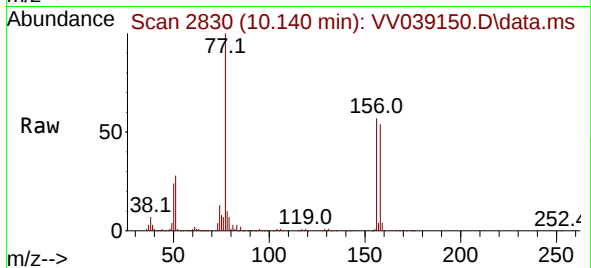
Tgt Ion:156 Resp: 173461

Ion Ratio Lower Upper

156 100

77 165.1 83.4 250.1

158 96.6 48.8 146.4



#78

n-propylbenzene

Concen: 20.207 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.003 min

Lab File: VV039150.D

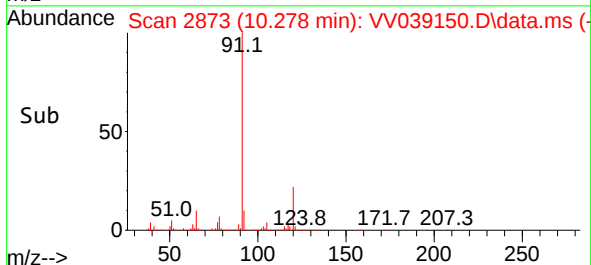
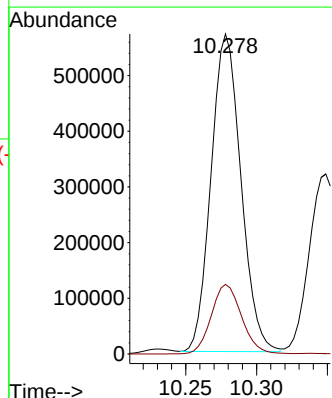
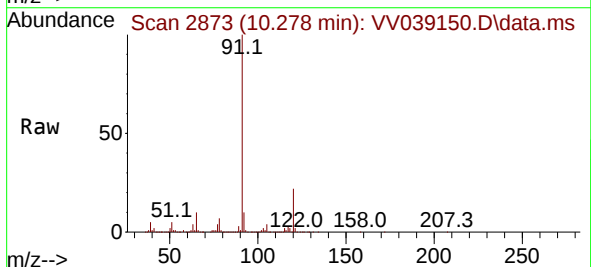
Acq: 24 Sep 2025 14:01

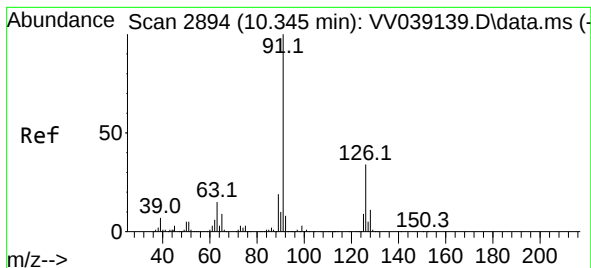
Tgt Ion: 91 Resp: 836225

Ion Ratio Lower Upper

91 100

120 22.2 11.1 33.3





#79

2-Chlorotoluene

Concen: 20.673 ug/l

RT: 10.349 min Scan# 2894

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

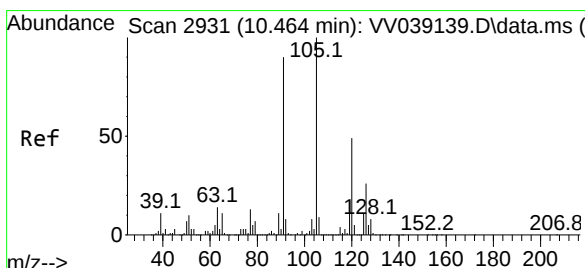
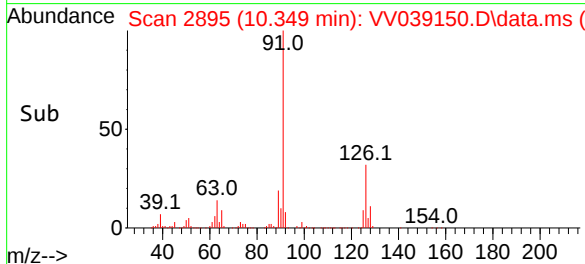
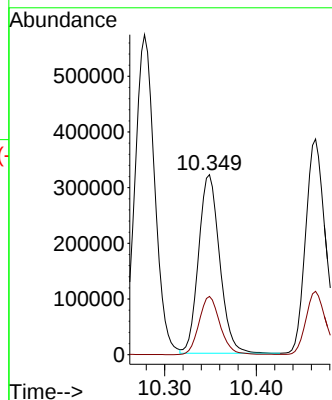
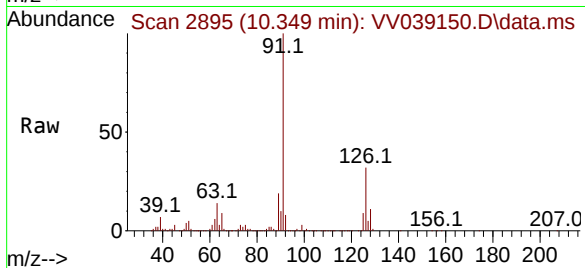
VV0924WBS02

Tgt Ion: 91 Resp: 511892

Ion Ratio Lower Upper

91 100

126 32.4 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 20.659 ug/l

RT: 10.465 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV039150.D

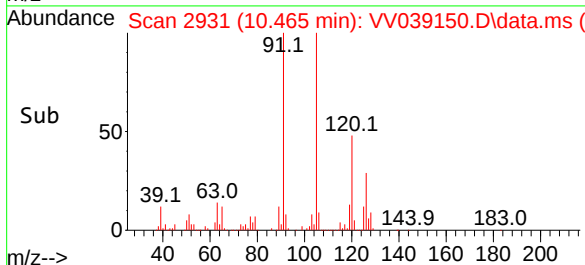
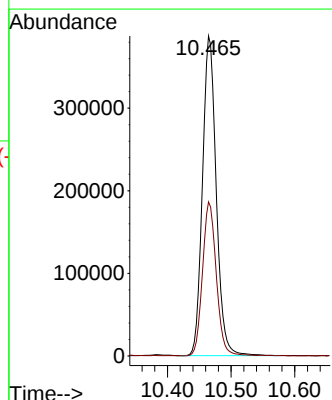
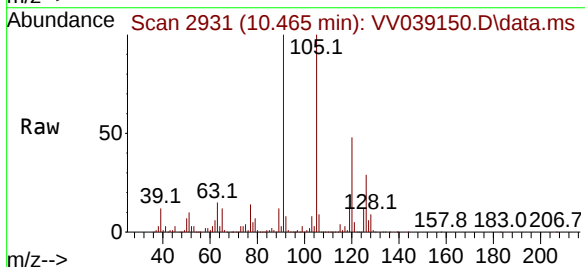
Acq: 24 Sep 2025 14:01

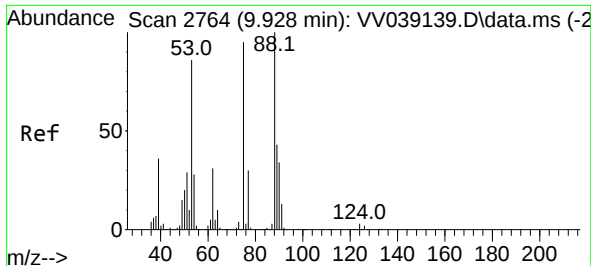
Tgt Ion:105 Resp: 583511

Ion Ratio Lower Upper

105 100

120 48.0 24.3 72.8

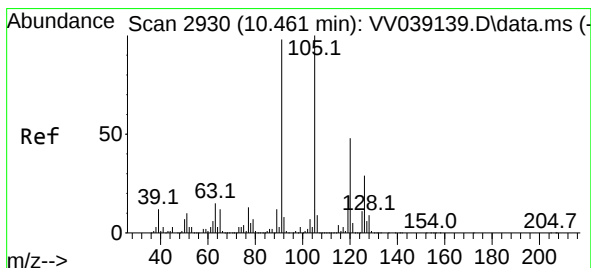
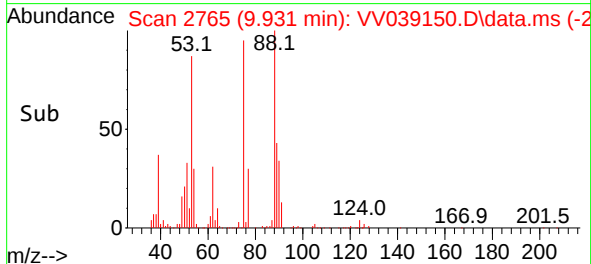
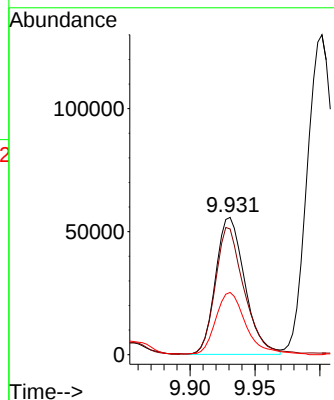
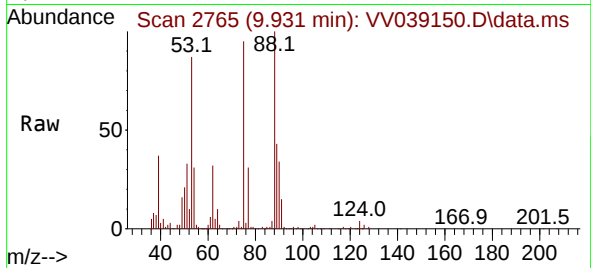




#81
trans-1,4-Dichloro-2-butene
Concen: 19.550 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

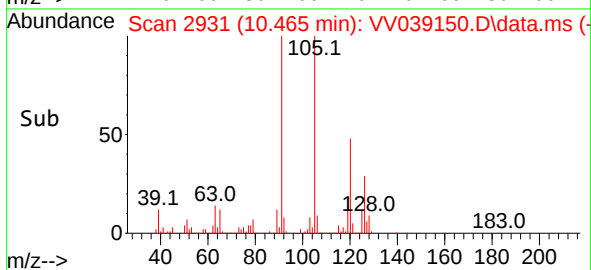
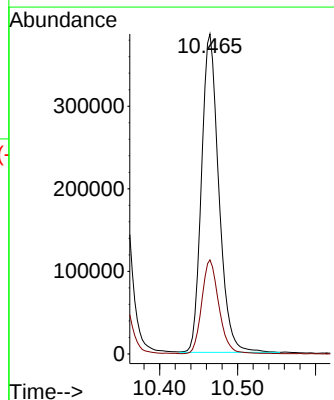
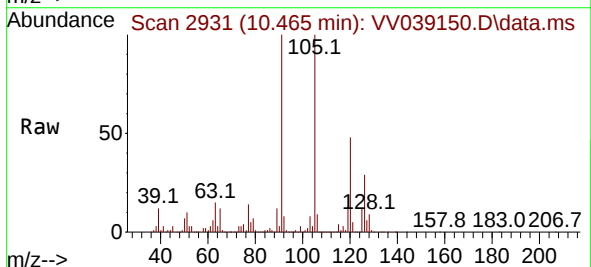
Instrument :
MSVOA_V
ClientSampleId :
VV0924WBS02

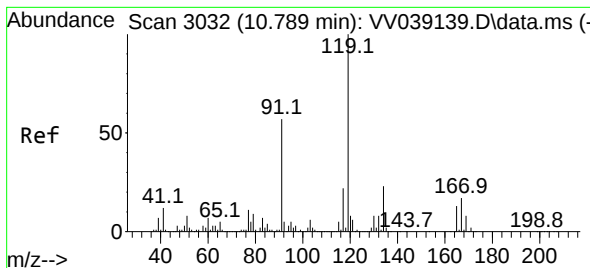
Tgt Ion: 75 Resp: 86872
Ion Ratio Lower Upper
75 100
53 91.2 72.5 108.7
89 47.4 37.2 55.8



#82
4-Chlorotoluene
Concen: 20.703 ug/l
RT: 10.465 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV039150.D
Acq: 24 Sep 2025 14:01

Tgt Ion: 91 Resp: 594451
Ion Ratio Lower Upper
91 100
126 29.1 14.5 43.6





#83

tert-Butylbenzene

Concen: 18.652 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

VV0924WBS02

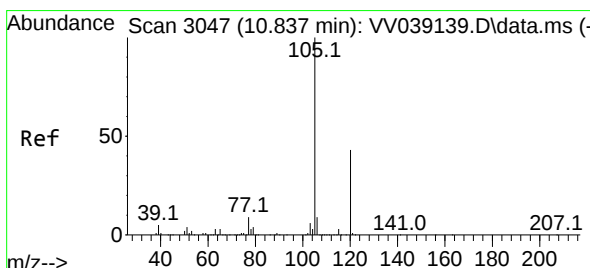
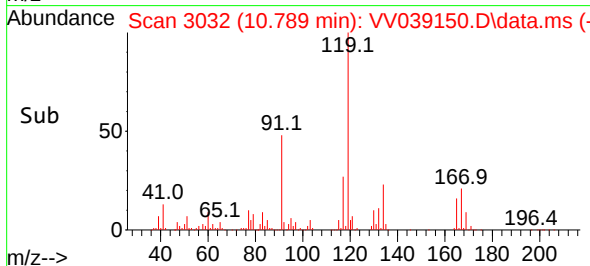
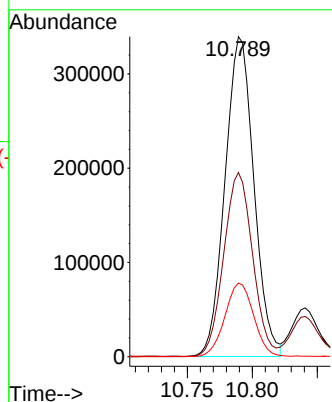
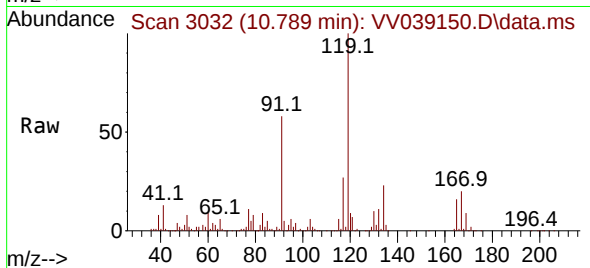
Tgt Ion:119 Resp: 525337

Ion Ratio Lower Upper

119 100

91 57.2 28.5 85.6

134 22.9 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 20.602 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV039150.D

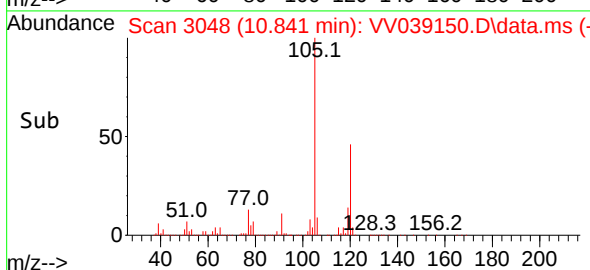
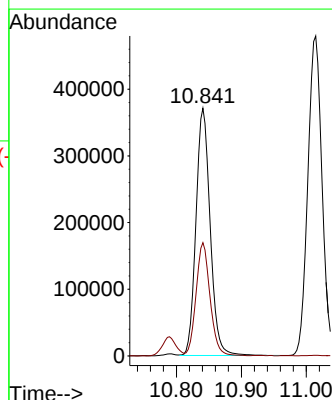
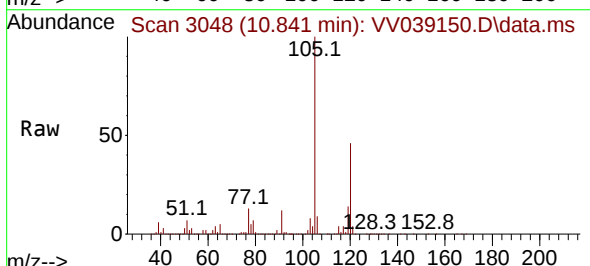
Acq: 24 Sep 2025 14:01

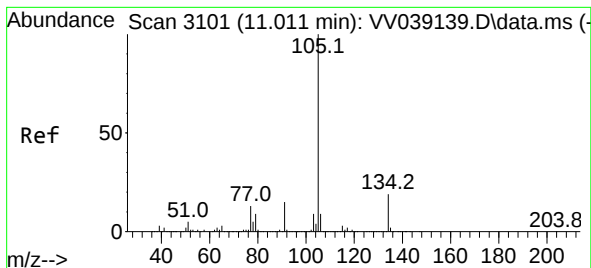
Tgt Ion:105 Resp: 564955

Ion Ratio Lower Upper

105 100

120 44.9 22.4 67.2





#85

sec-Butylbenzene

Concen: 19.488 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

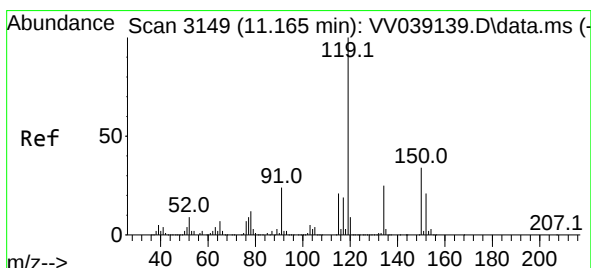
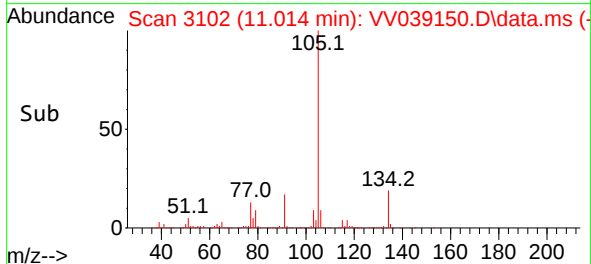
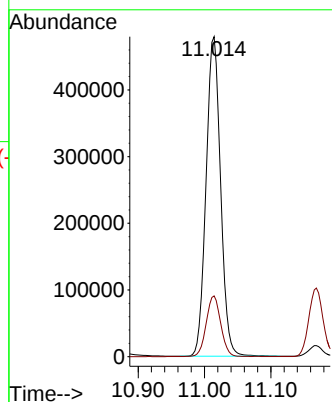
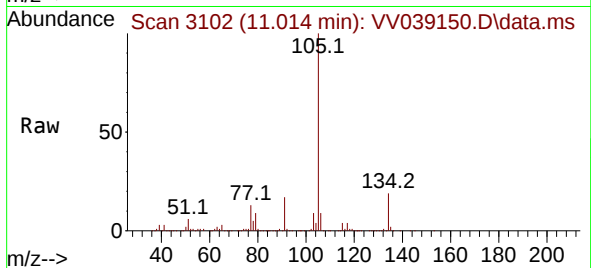
VV0924WBS02

Tgt Ion:105 Resp: 728021

Ion Ratio Lower Upper

105 100

134 19.0 9.6 28.8



#86

p-Isopropyltoluene

Concen: 19.685 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

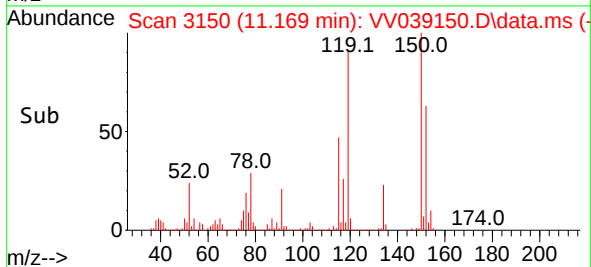
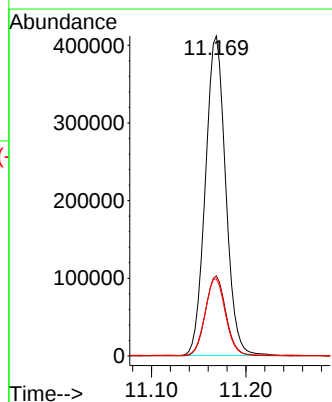
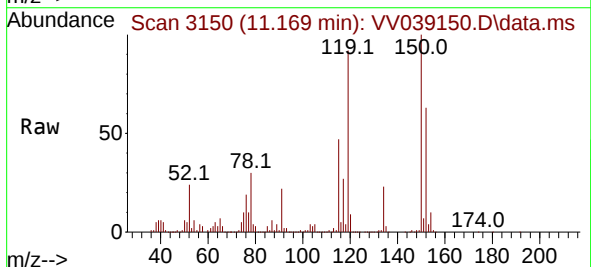
Tgt Ion:119 Resp: 612071

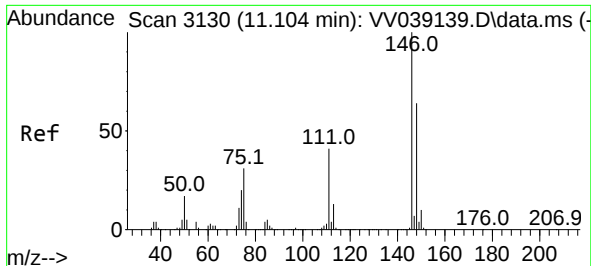
Ion Ratio Lower Upper

119 100

134 25.2 12.7 38.0

91 24.4 12.0 36.1





#87

1,3-Dichlorobenzene

Concen: 19.560 ug/l

RT: 11.108 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

VV0924WBS02

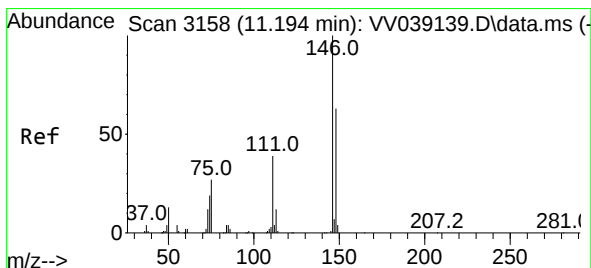
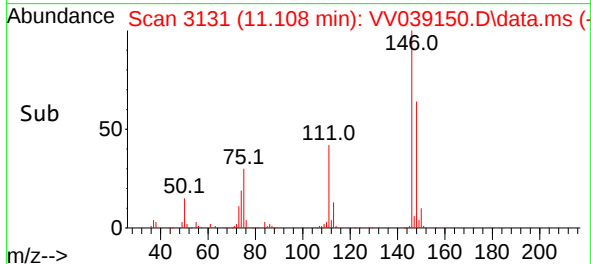
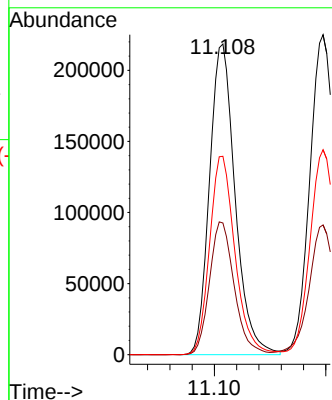
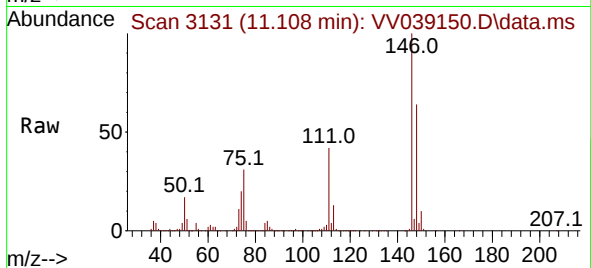
Tgt Ion:146 Resp: 349017

Ion Ratio Lower Upper

146 100

111 41.3 20.9 62.8

148 63.6 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 19.199 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

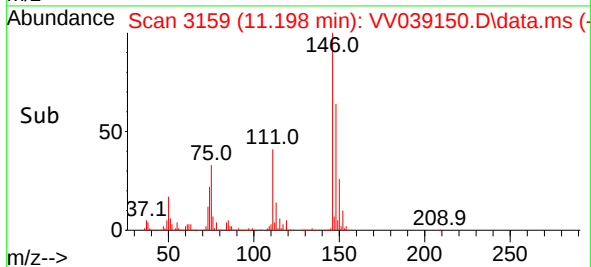
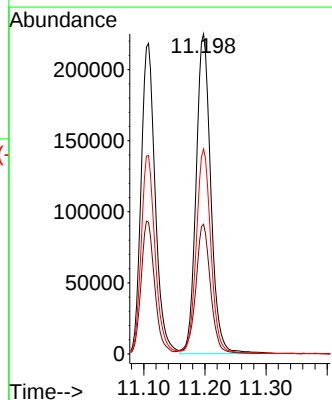
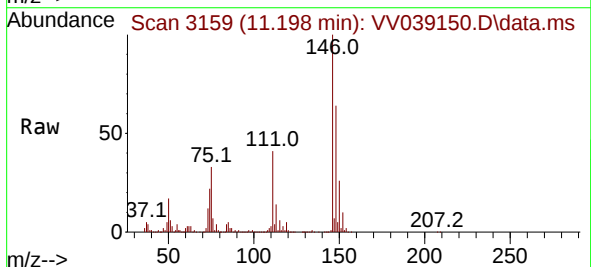
Tgt Ion:146 Resp: 375846

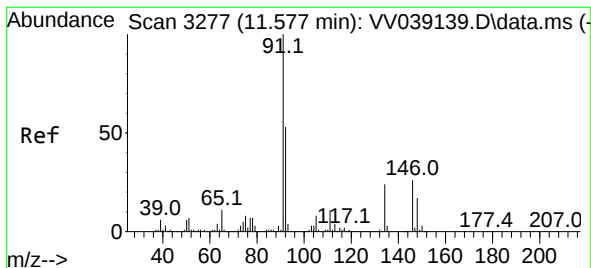
Ion Ratio Lower Upper

146 100

111 40.8 20.3 60.8

148 63.5 31.4 94.2





#89

n-Butylbenzene

Concen: 19.451 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

VV0924WBS02

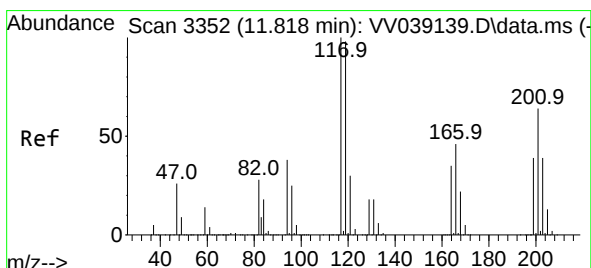
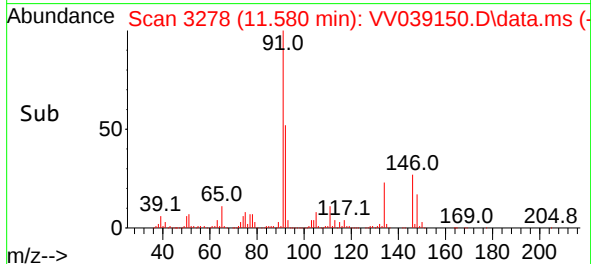
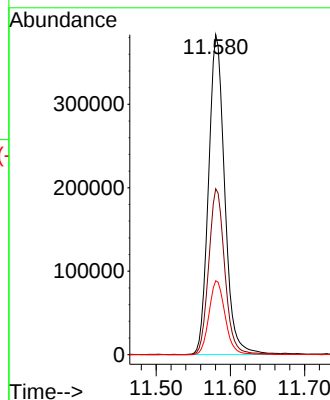
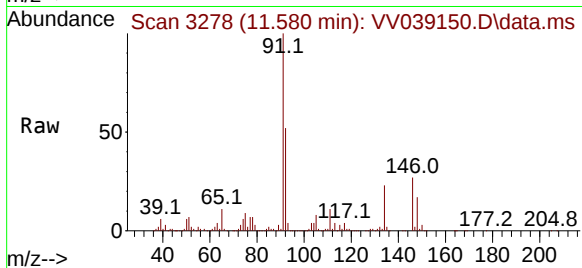
Tgt Ion: 91 Resp: 577604

Ion Ratio Lower Upper

91 100

92 51.8 26.6 79.8

134 23.3 12.1 36.3



#90

Hexachloroethane

Concen: 17.755 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV039150.D

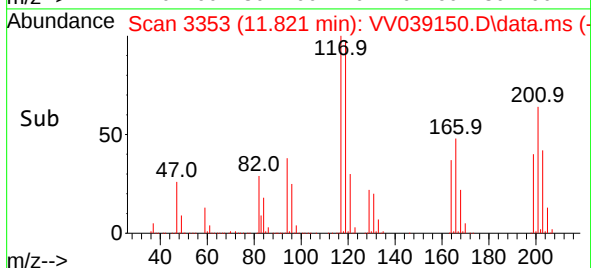
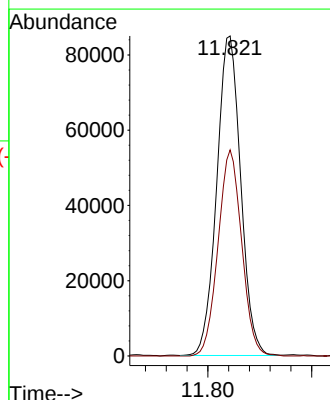
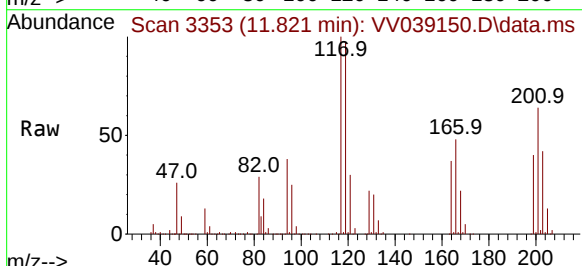
Acq: 24 Sep 2025 14:01

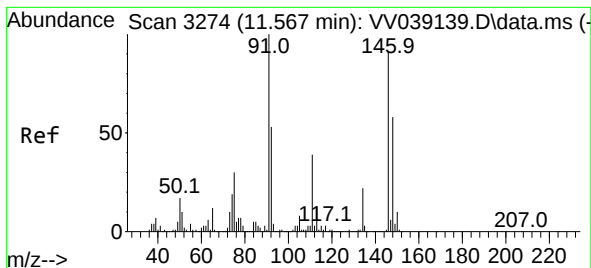
Tgt Ion: 117 Resp: 135944

Ion Ratio Lower Upper

117 100

201 63.5 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 18.962 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

VV0924WBS02

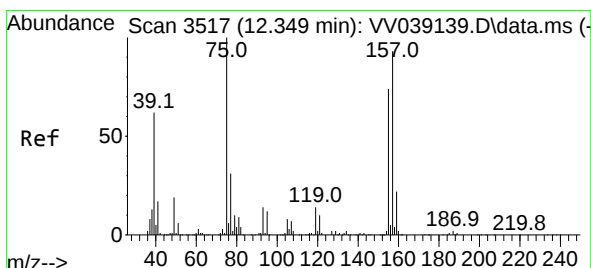
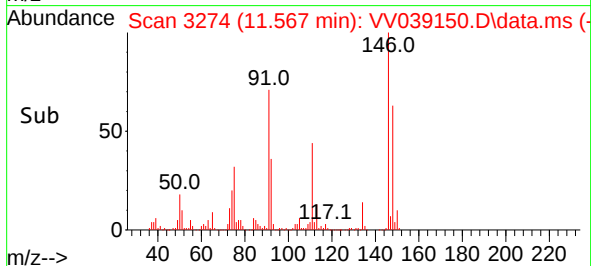
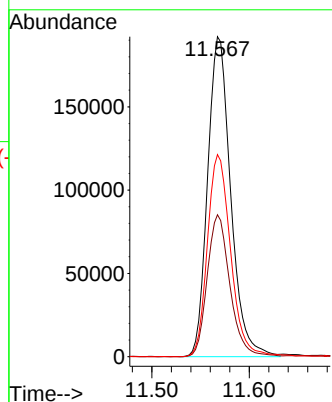
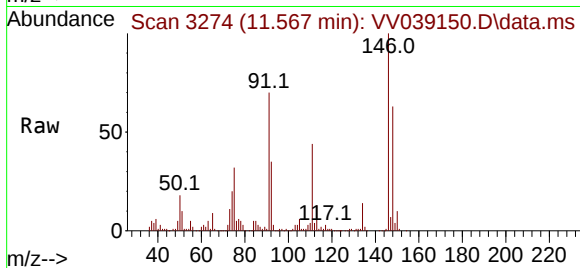
Tgt Ion:146 Resp: 316105

Ion Ratio Lower Upper

146 100

111 43.6 21.5 64.5

148 63.8 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.271 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

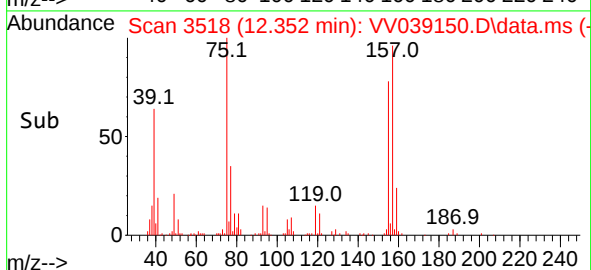
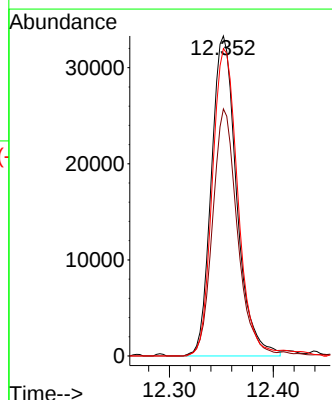
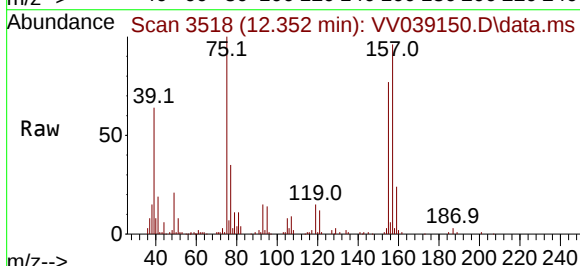
Tgt Ion: 75 Resp: 56358

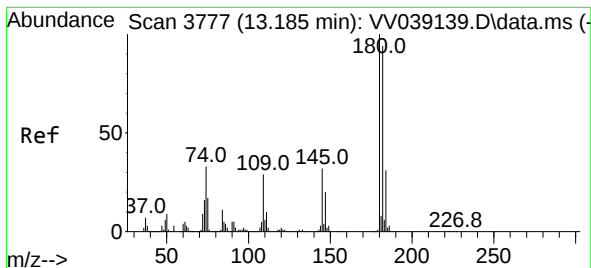
Ion Ratio Lower Upper

75 100

155 75.5 38.6 115.8

157 96.5 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 18.728 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. -0.000 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

VV0924WBS02

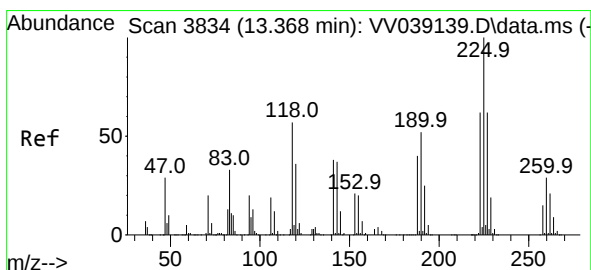
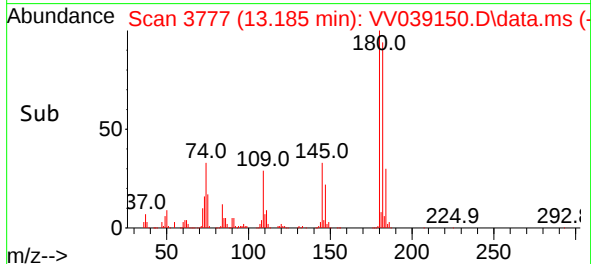
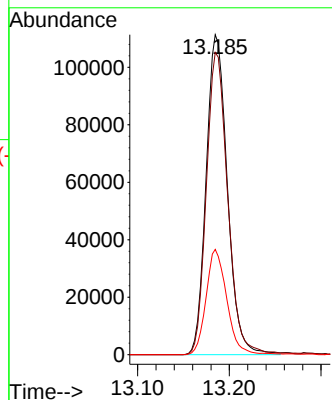
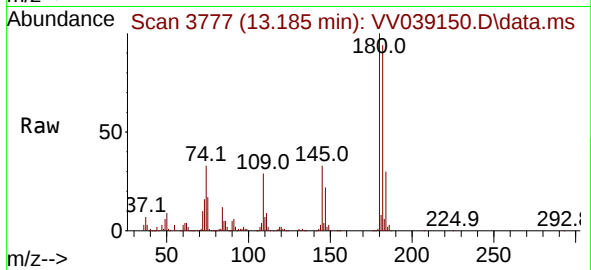
Tgt Ion:180 Resp: 178967

Ion Ratio Lower Upper

180 100

182 95.3 47.1 141.4

145 32.2 16.3 48.8



#94

Hexachlorobutadiene

Concen: 17.970 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

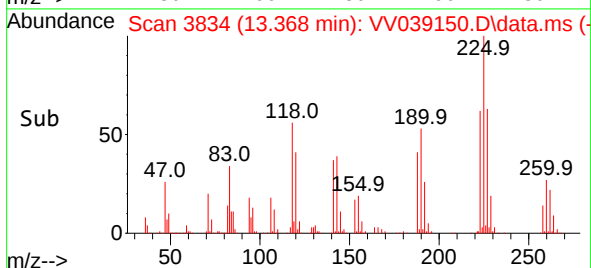
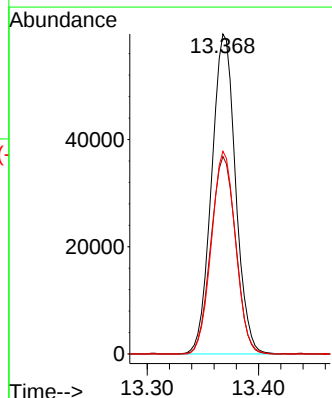
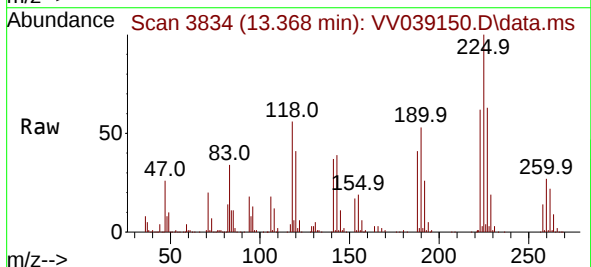
Tgt Ion:225 Resp: 89231

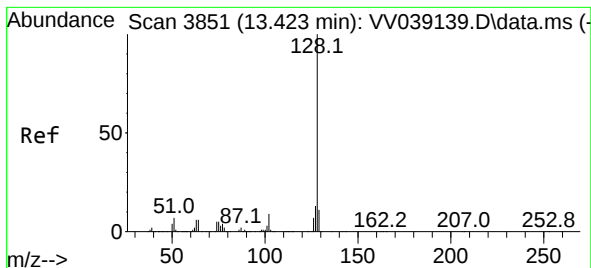
Ion Ratio Lower Upper

225 100

223 64.0 31.6 94.7

227 63.6 31.8 95.4





#95

Naphthalene

Concen: 18.718 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Instrument :

MSVOA_V

ClientSampleId :

VV0924WBS02

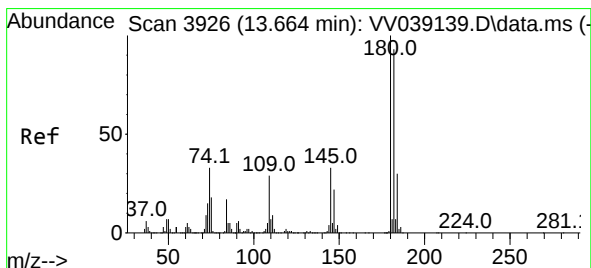
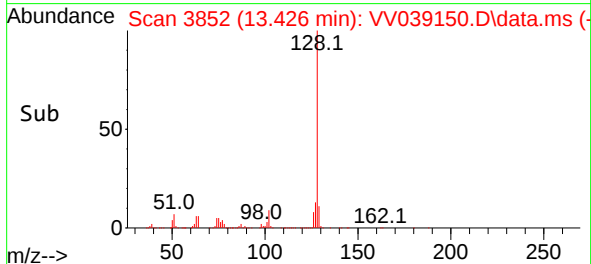
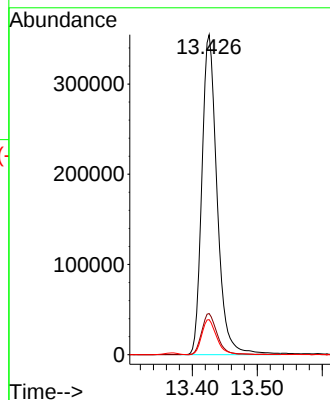
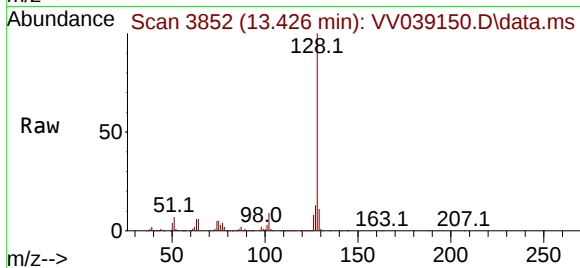
Tgt Ion:128 Resp: 578144

Ion Ratio Lower Upper

128 100

127 13.1 10.3 15.5

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.137 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV039150.D

Acq: 24 Sep 2025 14:01

Tgt Ion:180 Resp: 187044

Ion Ratio Lower Upper

180 100

182 93.6 46.9 140.8

145 34.6 17.0 51.0

