

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
 Data File : VV039143.D
 Acq On : 22 Sep 2025 16:35
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Quant Time: Sep 24 07:26:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 07:14:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.603	168	406498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.535	114	735855	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	700418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.175	152	322677	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.963	65	8497	1.444	ug/l	0.03
Spiked Amount	50.000	Range	81 - 118	Recovery	=	2.880%#
35) Dibromofluoromethane	4.513	113	9562	1.616	ug/l	0.02
Spiked Amount	50.000	Range	80 - 119	Recovery	=	3.240%#
50) Toluene-d8	7.255	98	22662	1.304	ug/l	0.02
Spiked Amount	50.000	Range	89 - 112	Recovery	=	2.600%#
62) 4-Bromofluorobenzene	10.014	95	6721	0.940	ug/l	0.02
Spiked Amount	50.000	Range	85 - 114	Recovery	=	1.880%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.121	85	7593	1.180	ug/l	98
3) Chloromethane	1.230	50	7695	1.114	ug/l	99
4) Vinyl Chloride	1.297	62	8342	1.128	ug/l	98
5) Bromomethane	1.500	94	6705	1.438	ug/l	97
6) Chloroethane	1.564	64	7440	0.673	ug/l	96
7) Trichlorofluoromethane	1.725	101	12570	1.174	ug/l	85
8) Diethyl Ether	1.921	74	4650	1.170	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.082	101	7630	1.198	ug/l	96
10) Methyl Iodide	2.201	142	6433	1.060	ug/l #	89
11) Tert butyl alcohol	2.577	59	8656	6.961	ug/l #	82
12) 1,1-Dichloroethene	2.085	96	7094	1.157	ug/l #	66
13) Acrolein	2.011	56	4262	19.753	ug/l	97
14) Allyl chloride	2.362	41	12383	1.131	ug/l	97
15) Acrylonitrile	2.683	53	23873	5.989	ug/l	96
16) Acetone	2.127	43	28927	3.224	ug/l	96
17) Carbon Disulfide	2.256	76	21708	1.158	ug/l	98
18) Methyl Acetate	2.391	43	9742	1.118	ug/l	98
19) Methyl tert-butyl Ether	2.715	73	21063	1.078	ug/l #	89
20) Methylene Chloride	2.458	84	16152	0.632	ug/l	90
21) trans-1,2-Dichloroethene	2.709	96	7797	1.195	ug/l	92
22) Diisopropyl ether	3.220	45	21620	1.032	ug/l #	34
23) Vinyl Acetate	3.204	43	91192	4.977	ug/l	99
24) 1,1-Dichloroethane	3.121	63	15790	1.233	ug/l #	94
25) 2-Butanone	3.838	43	478	0.103	ug/l #	65
26) 2,2-Dichloropropane	3.934	77	419	0.037	ug/l	77
27) cis-1,2-Dichloroethene	3.834	96	8138	1.131	ug/l	91
28) Bromochloromethane	4.162	49	6039	1.068	ug/l #	53
29) Tetrahydrofuran	4.262	42	13621	4.619	ug/l #	65
30) Chloroform	4.288	83	15288	1.143	ug/l	96
31) Cyclohexane	4.809	56	698	0.067	ug/l	94
32) 1,1,1-Trichloroethane	4.519	97	12926	1.116	ug/l	93
36) 1,1-Dichloropropene	4.764	75	6613	0.734	ug/l #	68
37) Ethyl Acetate	4.030	43	742	0.067	ug/l #	1
38) Carbon Tetrachloride	4.735	117	11083	1.021	ug/l	89
39) Methylcyclohexane	6.050	83	9159	0.848	ug/l	91
40) Benzene	5.027	78	28487	0.978	ug/l	98

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	340	1.961	ug/l #	47
42) 1,2-Dichloroethane	5.059	62	10892	1.067	ug/l	95
43) Isopropyl Acetate	5.223	43	4253	0.279	ug/l	98
44) Trichloroethene	5.850	130	6408	0.953	ug/l	84
45) 1,2-Dichloropropane	6.104	63	6838	0.945	ug/l	93
46) Dibromomethane	6.249	93	5835	1.053	ug/l	89
47) Bromodichloromethane	6.439	83	12206	1.066	ug/l #	90
48) Methyl methacrylate	6.320	41	149	0.021	ug/l #	12
49) 1,4-Dioxane	6.333	88	1366	12.478	ug/l #	58
51) 4-Methyl-2-Pentanone	7.165	43	33797	3.472	ug/l	96
52) Toluene	7.326	92	13265	0.786	ug/l	87
53) t-1,3-Dichloropropene	7.606	75	8060	0.807	ug/l	90
54) cis-1,3-Dichloropropene	6.973	75	8754	0.794	ug/l #	93
55) 1,1,2-Trichloroethane	7.776	97	8140	1.075	ug/l	91
56) Ethyl methacrylate	7.747	69	5661	0.630	ug/l	88
57) 1,3-Dichloropropane	7.956	76	11732	0.982	ug/l	94
58) 2-Chloroethyl Vinyl ether	6.841	63	10011	11.289	ug/l	98
59) 2-Hexanone	8.091	43	17015	4.307	ug/l	98
60) Dibromochloromethane	8.172	129	9122	1.057	ug/l	87
61) 1,2-Dibromoethane	8.288	107	7129	0.921	ug/l	90
64) Tetrachloroethene	7.899	164	5814	0.991	ug/l	90
65) Chlorobenzene	8.812	112	20007	1.025	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	8.902	131	7603	1.079	ug/l #	61
67) Ethyl Benzene	8.947	91	24171	0.818	ug/l	94
68) m/p-Xylenes	9.072	106	16239	1.425	ug/l	98
69) o-Xylene	9.477	106	7250	0.718	ug/l	79
70) Styrene	9.503	104	11594	2.083	ug/l #	80
71) Bromoform	9.667	173	5558	1.009	ug/l #	94
73) Isopropylbenzene	9.860	105	20820	0.890	ug/l	98
74) N-amyl acetate	9.747	43	6654	0.713	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	10.169	83	12746	1.243	ug/l	95
76) 1,2,3-Trichloropropane	10.207	75	8871	1.207	ug/l	100
77) Bromobenzene	10.159	156	6311	1.039	ug/l	93
78) n-propylbenzene	10.284	91	24996	0.877	ug/l	96
79) 2-Chlorotoluene	10.355	91	13640	0.800	ug/l	89
80) 1,3,5-Trimethylbenzene	10.471	105	15886	0.817	ug/l	96
81) trans-1,4-Dichloro-2-b...	9.947	75	2682	0.876	ug/l	95
82) 4-Chlorotoluene	10.474	91	15363	0.777	ug/l	91
83) tert-Butylbenzene	10.789	119	18552	0.956	ug/l	99
84) 1,2,4-Trimethylbenzene	10.847	105	15048	0.797	ug/l	95
85) sec-Butylbenzene	11.014	105	23268	0.904	ug/l	98
86) p-Isopropyltoluene	11.168	119	18549	0.866	ug/l	86
87) 1,3-Dichlorobenzene	11.117	146	12747	1.037	ug/l	97
88) 1,4-Dichlorobenzene	11.117	146	12747	0.939	ug/l	97
89) n-Butylbenzene	11.586	91	17079	0.835	ug/l	94
90) Hexachloroethane	11.818	117	6736	1.277	ug/l	94
91) 1,2-Dichlorobenzene	11.577	146	12486	1.088	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.361	75	3071	0.690	ug/l	75
93) 1,2,4-Trichlorobenzene	13.197	180	6637	1.008	ug/l	99
94) Hexachlorobutadiene	13.368	225	4406	1.288	ug/l	95
95) Naphthalene	13.522	128	1012	0.048	ug/l	97
96) 1,2,3-Trichlorobenzene	13.676	180	7184	1.067	ug/l	97

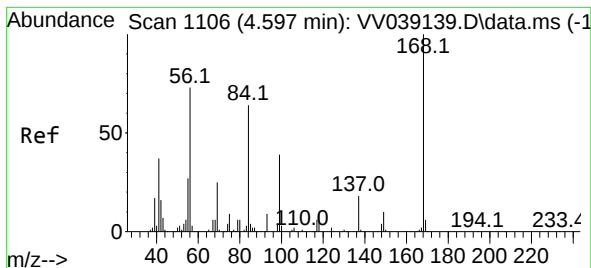
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.603 min Scan# 11

Delta R.T. 0.006 min

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Instrument :

MSVOA_V

ClientSampleId :

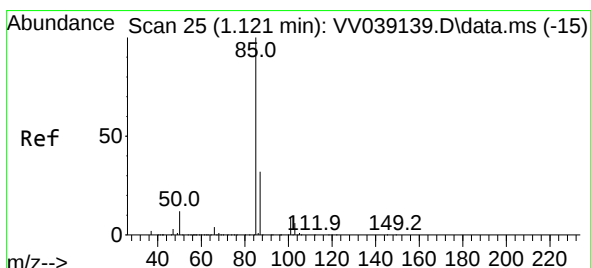
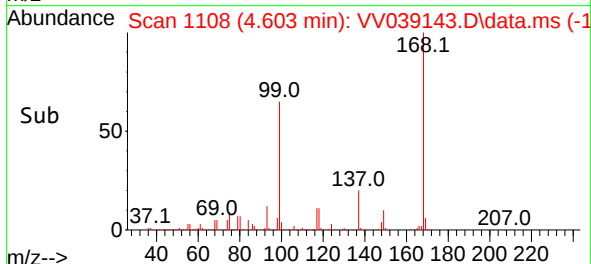
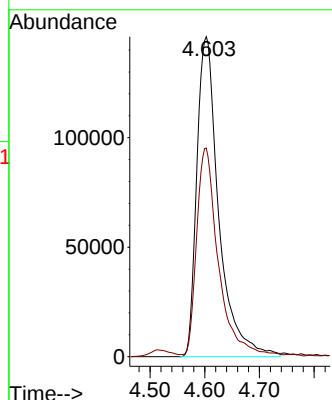
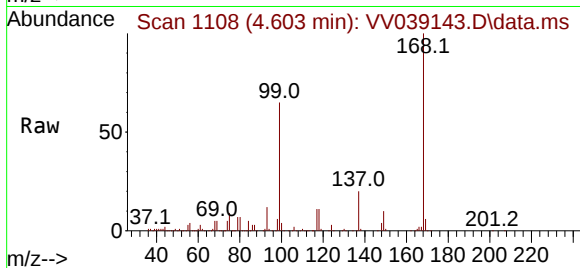
VSTDIC001

Tgt Ion:168 Resp: 406498

Ion Ratio Lower Upper

168 100

99 64.6 49.6 74.4



#2

Dichlorodifluoromethane

Concen: 1.180 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039143.D

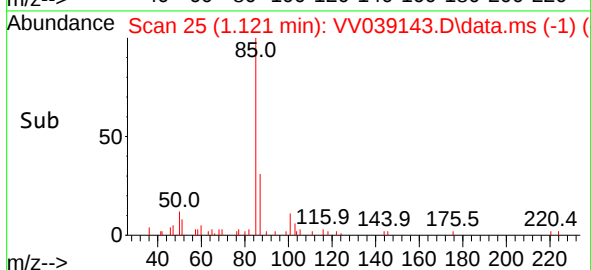
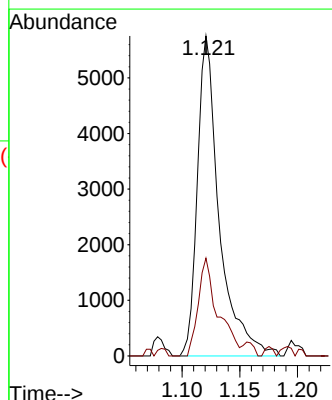
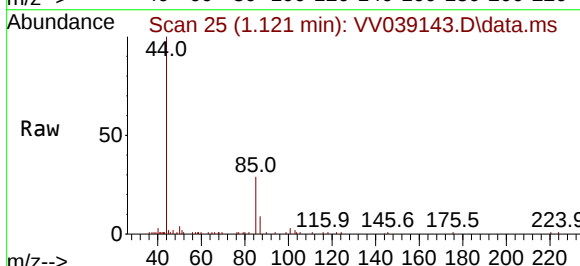
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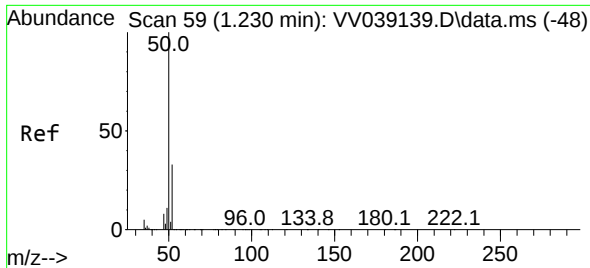
Tgt Ion: 85 Resp: 7593

Ion Ratio Lower Upper

85 100

87 30.5 16.0 47.9

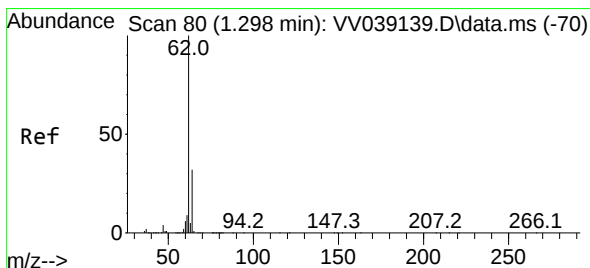
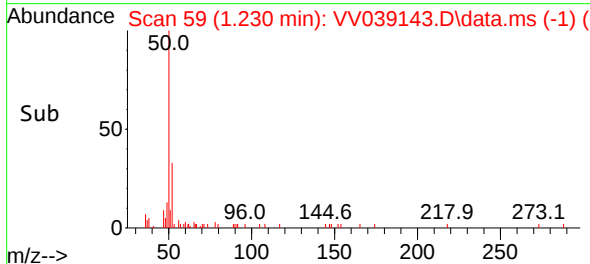
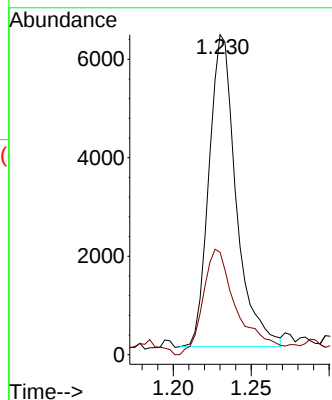
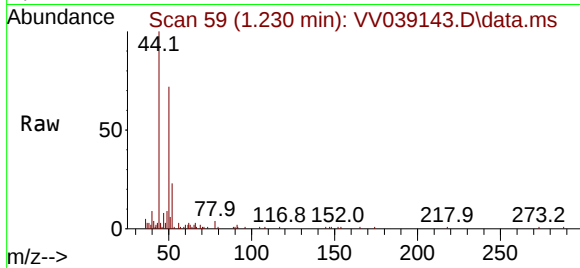




#3
Chloromethane
Concen: 1.114 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

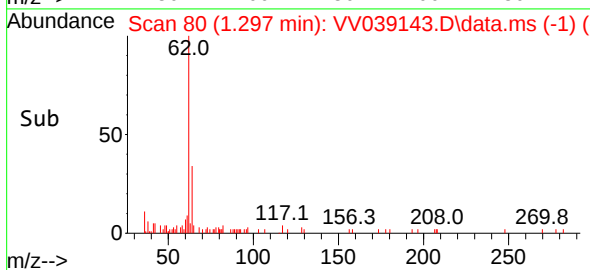
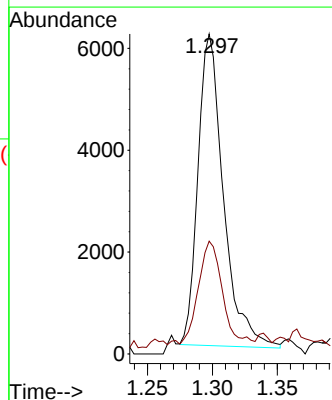
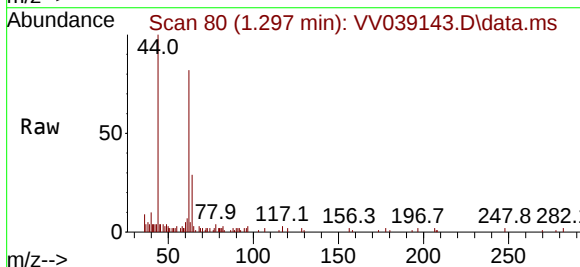
Instrument :
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ClientSampleId :
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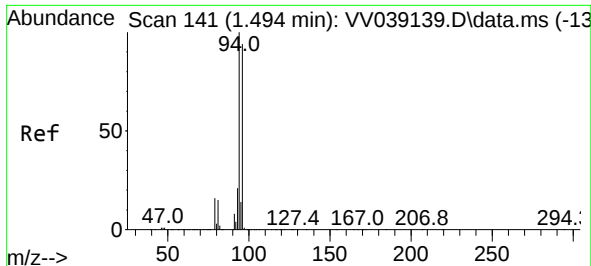
Tgt Ion: 50 Resp: 7695
Ion Ratio Lower Upper
50 100
52 32.8 26.0 39.0



#4
Vinyl Chloride
Concen: 1.128 ug/l
RT: 1.297 min Scan# 80
Delta R.T. -0.000 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 62 Resp: 8342
Ion Ratio Lower Upper
62 100
64 33.2 25.6 38.4

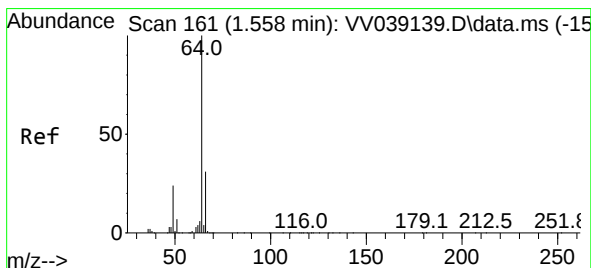
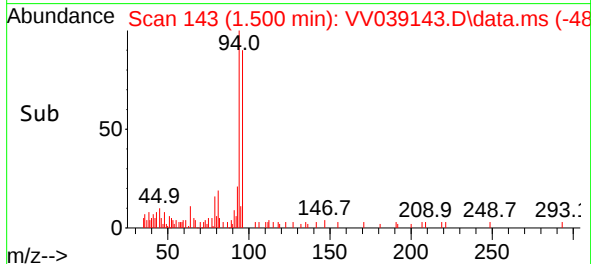
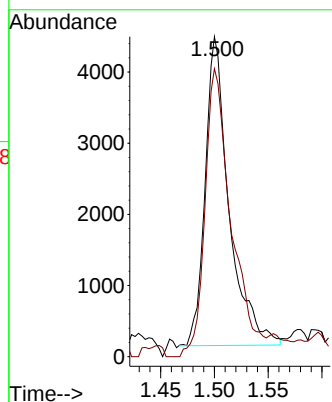
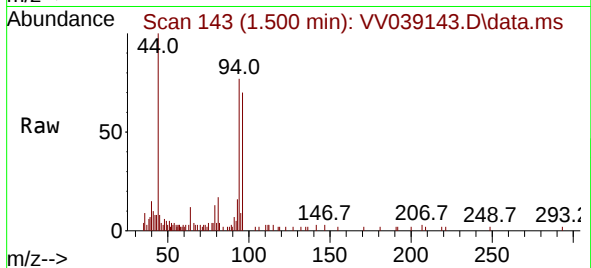




#5
Bromomethane
Concen: 1.438 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.006 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

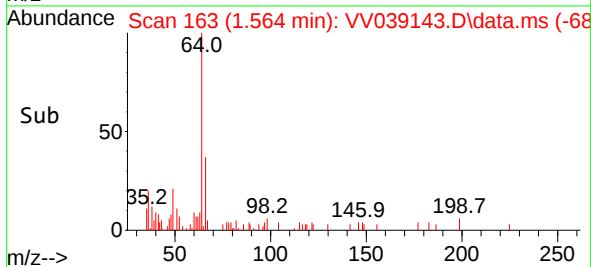
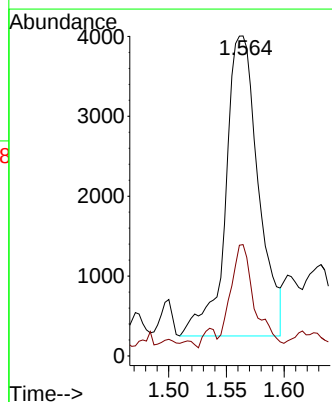
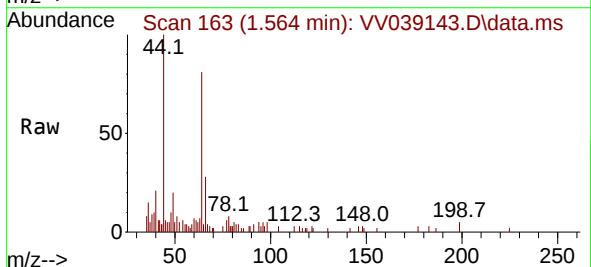
Instrument :
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Tgt Ion: 94 Resp: 6705
Ion Ratio Lower Upper
94 100
96 90.9 74.9 112.3



#6
Chloroethane
Concen: 0.673 ug/l
RT: 1.564 min Scan# 163
Delta R.T. 0.006 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 64 Resp: 7440
Ion Ratio Lower Upper
64 100
66 32.9 24.6 36.8

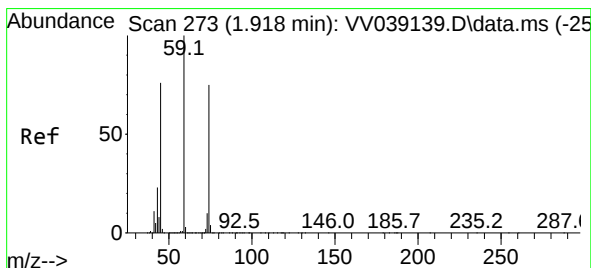
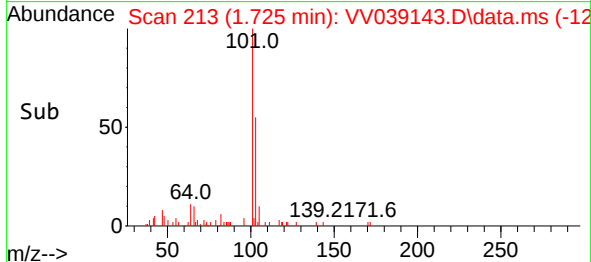
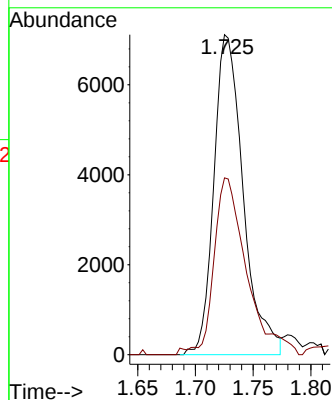
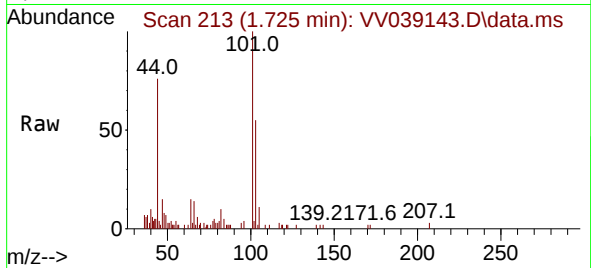




#7
Trichlorofluoromethane
Concen: 1.174 ug/l
RT: 1.725 min Scan# 213
Delta R.T. -0.000 min
Lab File: VV039143.D
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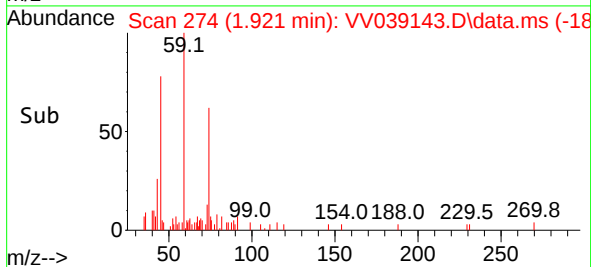
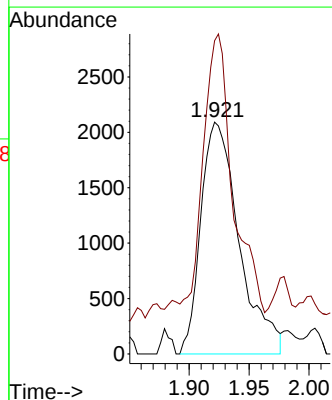
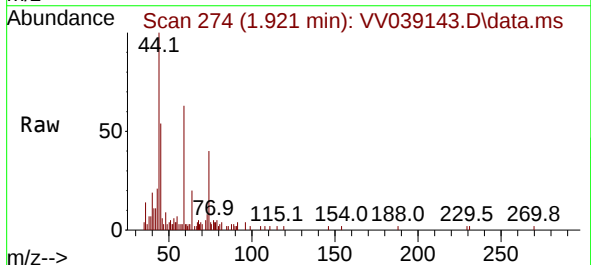
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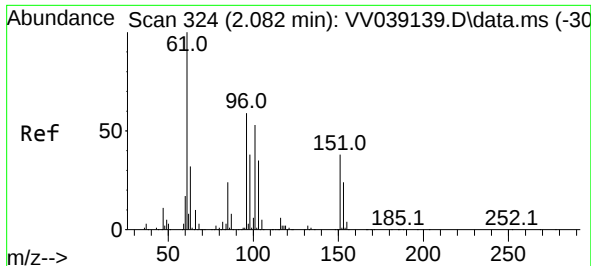
Tgt Ion:101 Resp: 12570
Ion Ratio Lower Upper
101 100
103 53.2 52.0 78.0



#8
Diethyl Ether
Concen: 1.170 ug/l
RT: 1.921 min Scan# 274
Delta R.T. 0.003 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 74 Resp: 4650
Ion Ratio Lower Upper
74 100
45 107.4 49.6 148.8

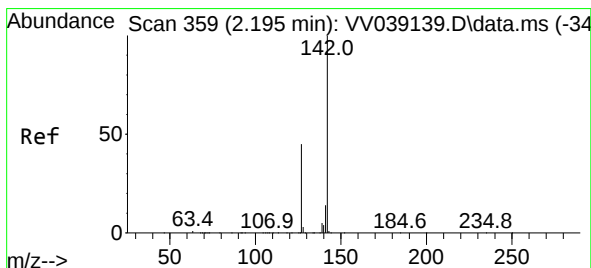
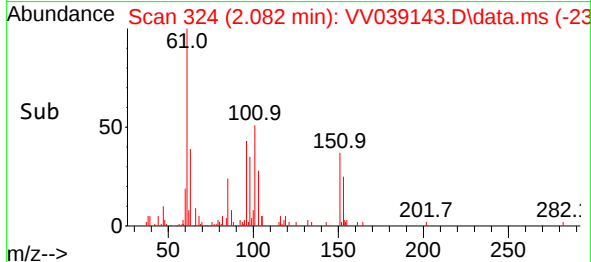
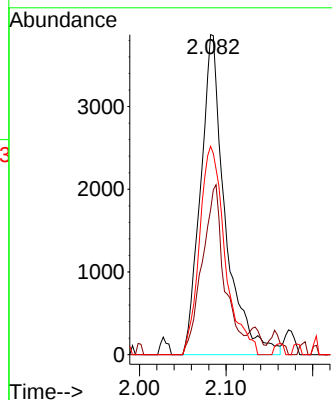
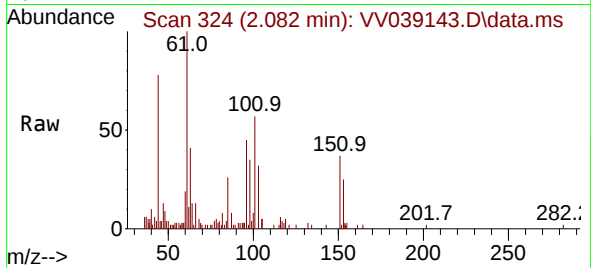




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.198 ug/l
RT: 2.082 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039143.D
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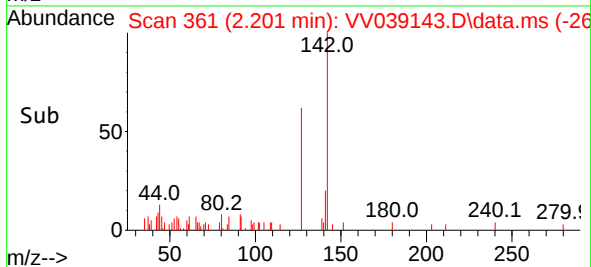
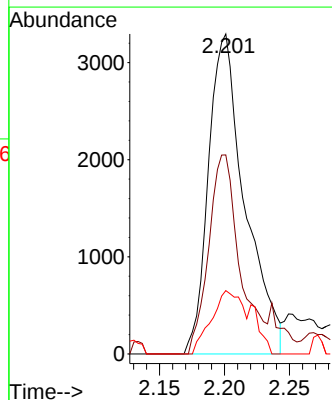
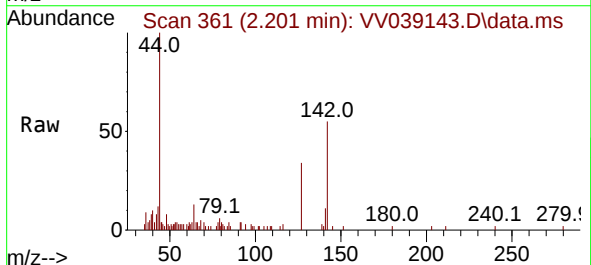
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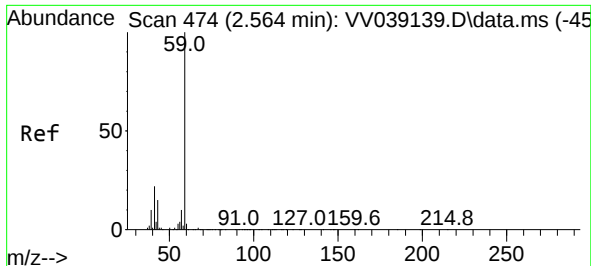
Tgt Ion:101 Resp: 7630
Ion Ratio Lower Upper
101 100
85 48.1 36.2 54.2
151 67.5 56.3 84.5



#10
Methyl Iodide
Concen: 1.060 ug/l
RT: 2.201 min Scan# 361
Delta R.T. 0.006 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion:142 Resp: 6433
Ion Ratio Lower Upper
142 100
127 53.5 36.3 54.5
141 16.9 11.2 16.8#

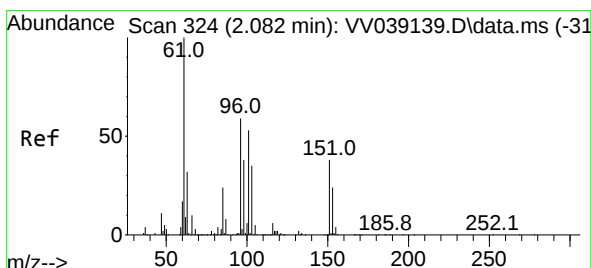
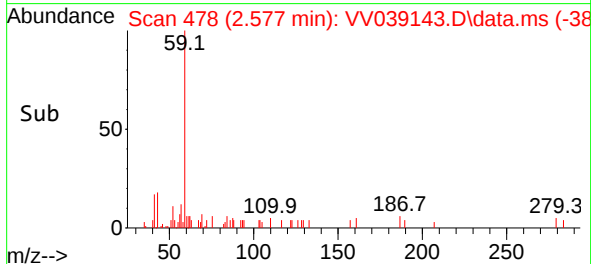
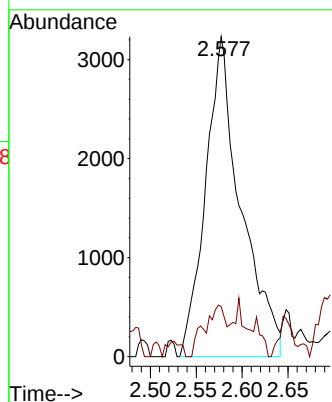
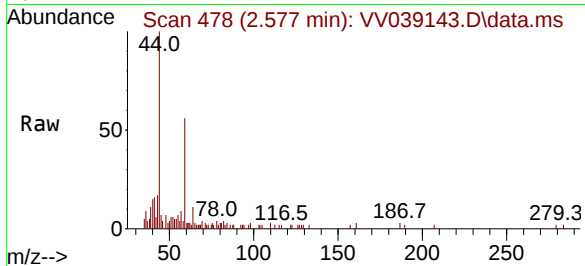




#11
Tert butyl alcohol
Concen: 6.961 ug/l
RT: 2.577 min Scan# 41
Delta R.T. 0.013 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

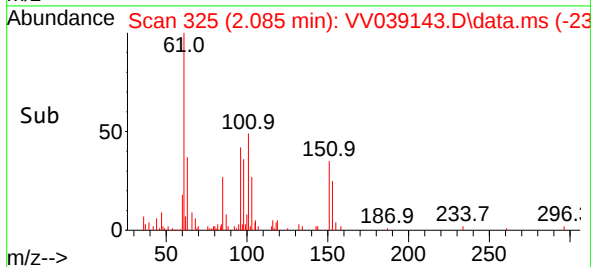
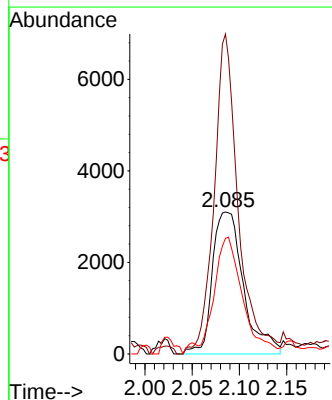
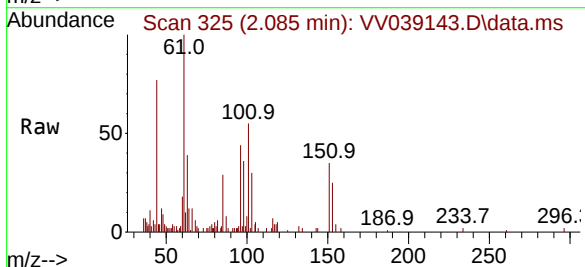
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

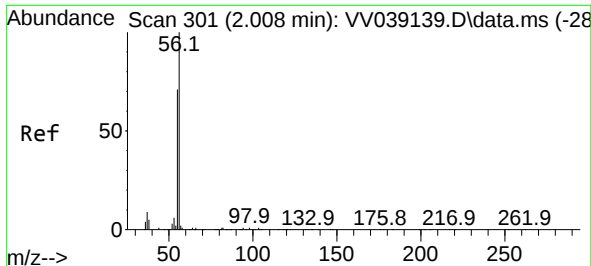
Tgt Ion: 59 Resp: 8656
Ion Ratio Lower Upper
59 100
57 3.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 1.157 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 96 Resp: 7094
Ion Ratio Lower Upper
96 100
61 225.5 136.0 204.0#
98 77.5 51.0 76.6#





#13

Acrolein

Concen: 19.753 ug/l

RT: 2.011 min Scan# 301

Delta R.T. 0.003 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

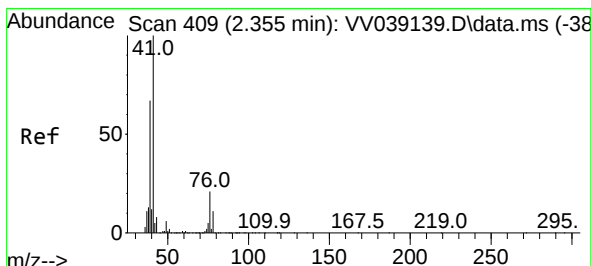
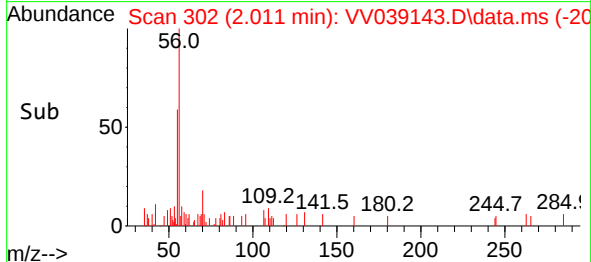
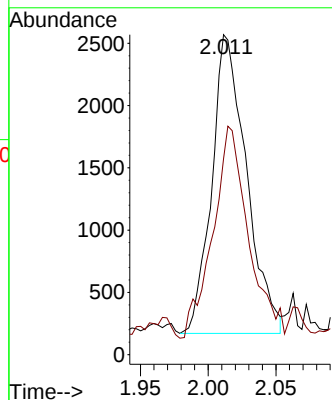
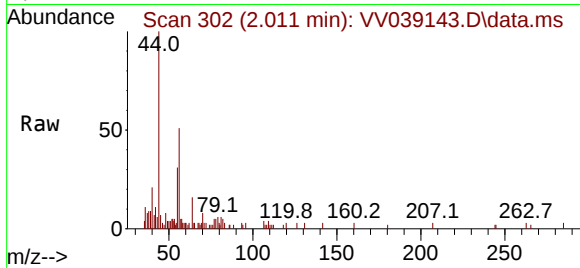
VSTDICC001

Tgt Ion: 56 Resp: 4262

Ion Ratio Lower Upper

56 100

55 72.9 56.2 84.4



#14

Allyl chloride

Concen: 1.131 ug/l

RT: 2.362 min Scan# 411

Delta R.T. 0.006 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

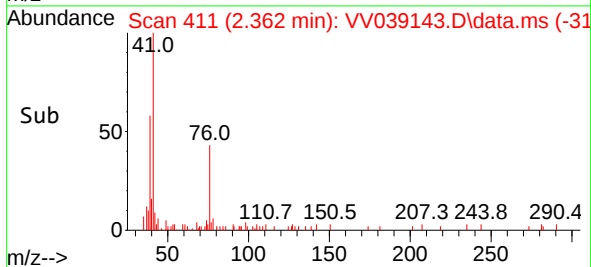
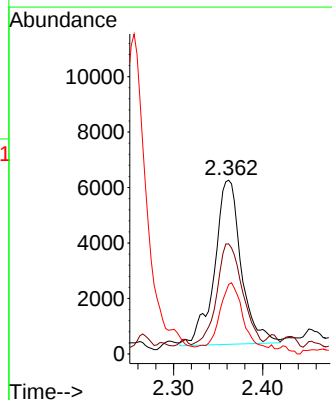
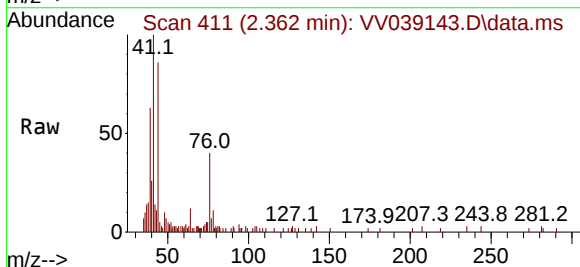
Tgt Ion: 41 Resp: 12383

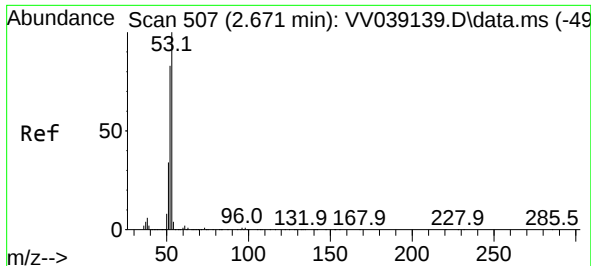
Ion Ratio Lower Upper

41 100

39 60.4 51.0 76.6

76 35.0 28.2 42.4

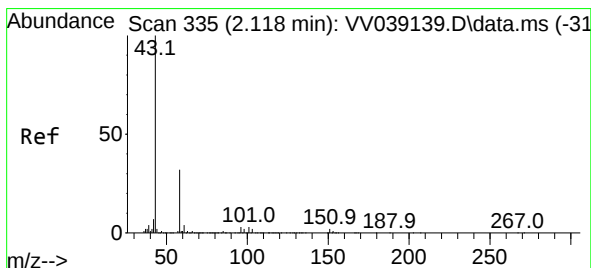
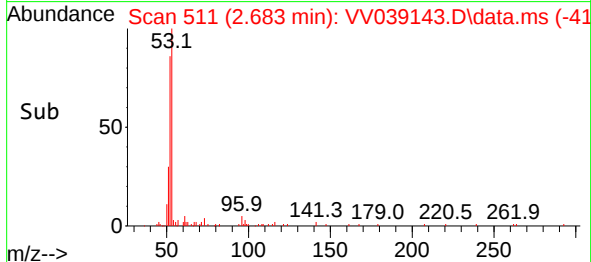
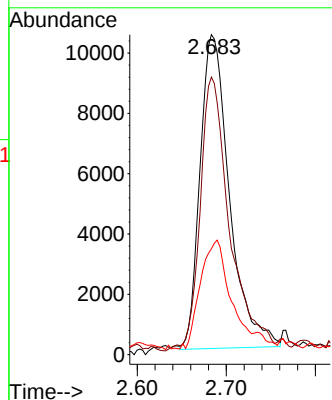
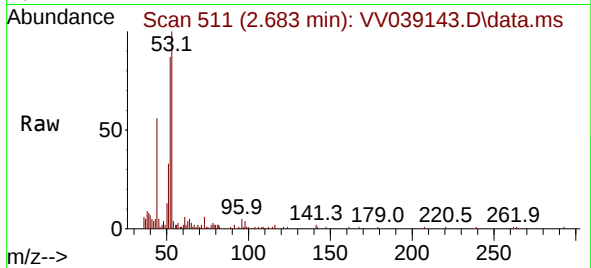




#15
Acrylonitrile
Concen: 5.989 ug/l
RT: 2.683 min Scan# 511
Delta R.T. 0.013 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

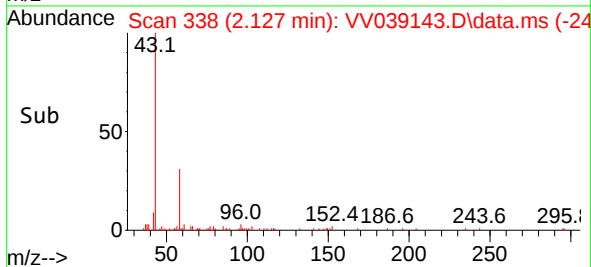
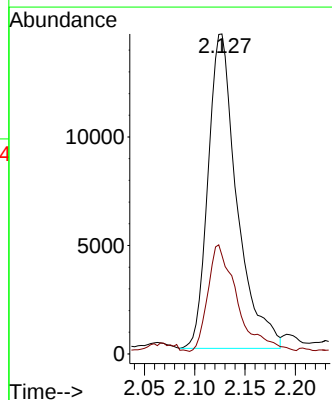
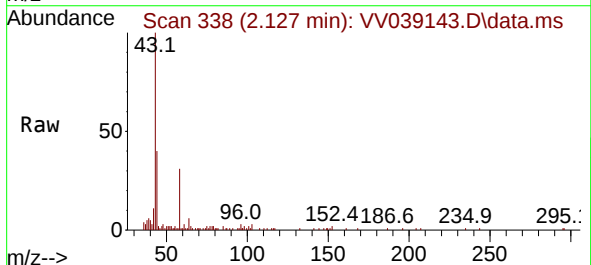
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

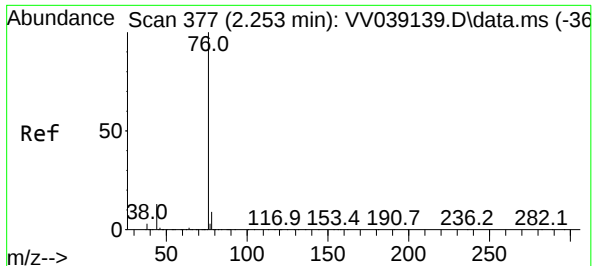
Tgt Ion: 53	Resp: 23873
Ion Ratio	Lower Upper
53 100	
52 87.4	66.1 99.1
51 35.1	28.5 42.7



#16
Acetone
Concen: 3.224 ug/l
RT: 2.127 min Scan# 338
Delta R.T. 0.009 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 43	Resp: 28927
Ion Ratio	Lower Upper
43 100	
58 30.2	25.8 38.6

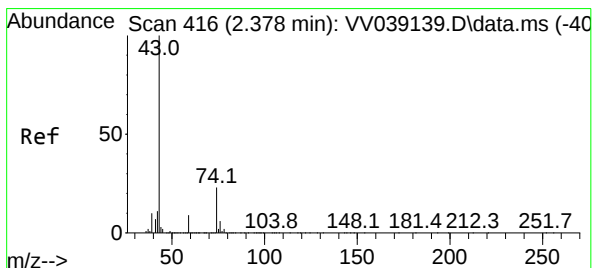
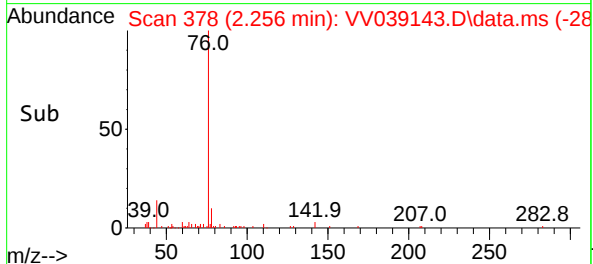
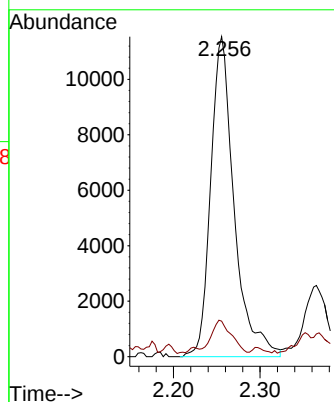
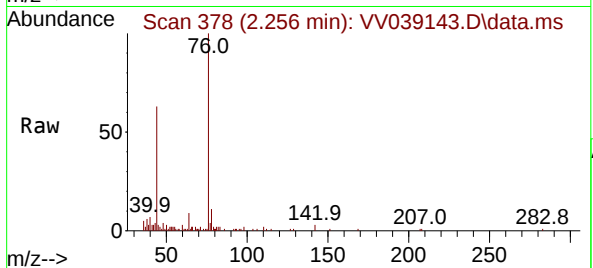




#17
Carbon Disulfide
Concen: 1.158 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

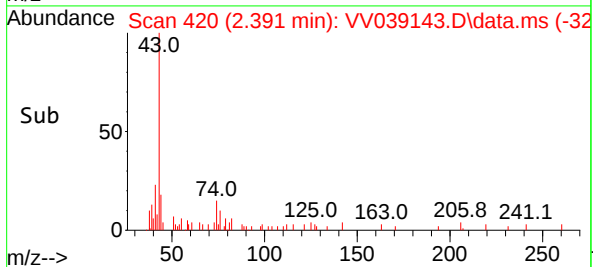
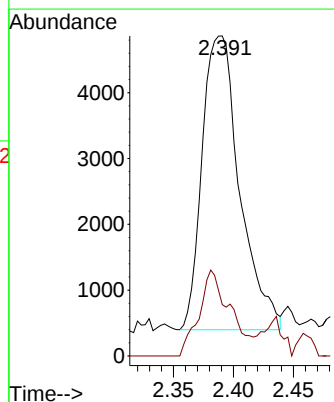
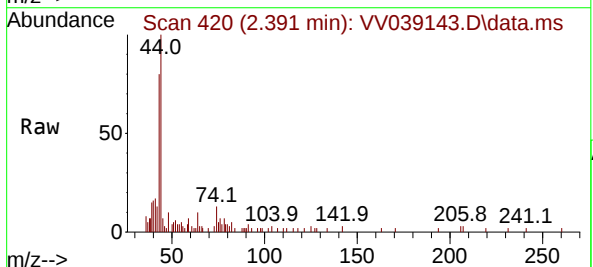
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

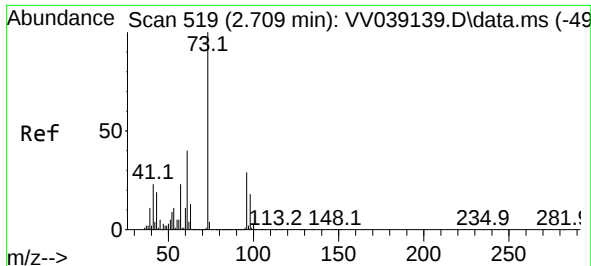
Tgt Ion: 76 Resp: 21708
Ion Ratio Lower Upper
76 100
78 9.8 7.4 11.0



#18
Methyl Acetate
Concen: 1.118 ug/l
RT: 2.391 min Scan# 420
Delta R.T. 0.013 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 43 Resp: 9742
Ion Ratio Lower Upper
43 100
74 24.3 18.6 27.8

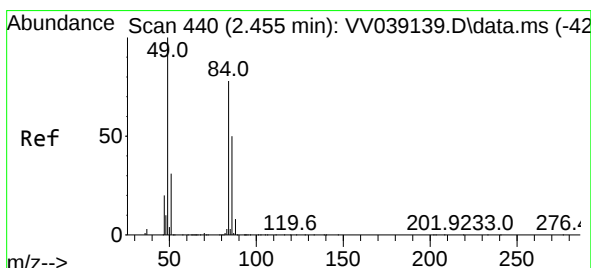
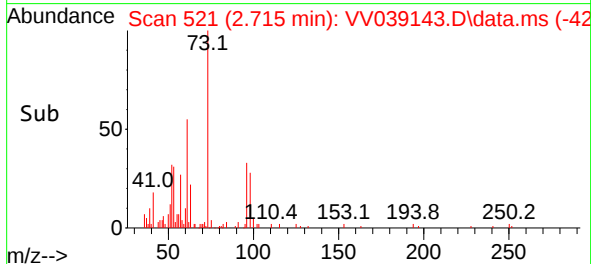
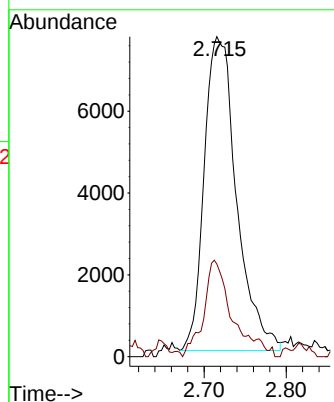
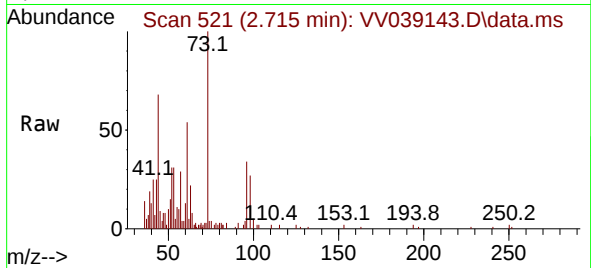




#19
Methyl tert-butyl Ether
Concen: 1.078 ug/l
RT: 2.715 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

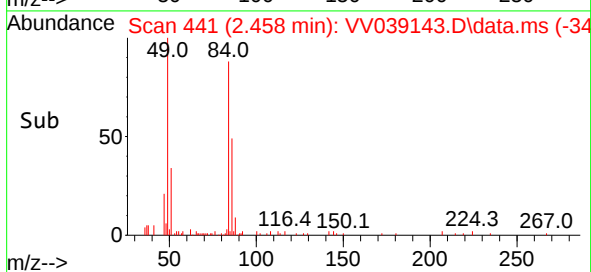
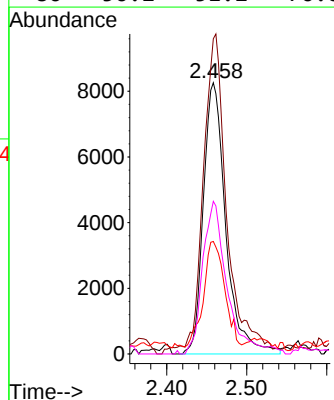
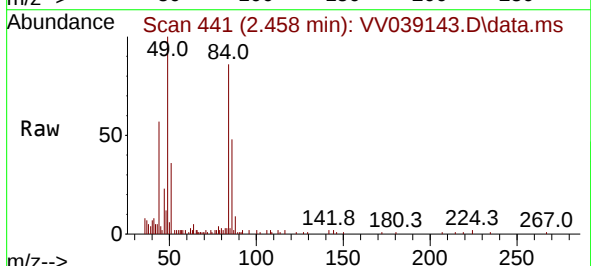
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

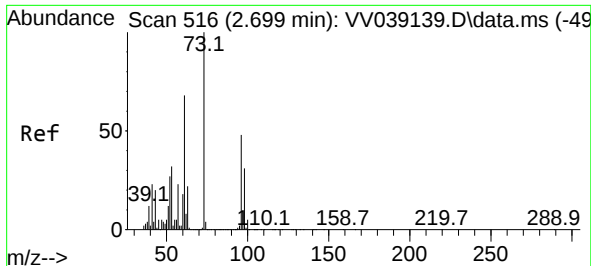
Tgt Ion: 73 Resp: 21063
Ion Ratio Lower Upper
73 100
57 28.1 18.2 27.4#



#20
Methylene Chloride
Concen: 0.632 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 84 Resp: 16152
Ion Ratio Lower Upper
84 100
49 114.5 102.8 154.2
51 38.2 31.9 47.9
86 56.2 51.2 76.8

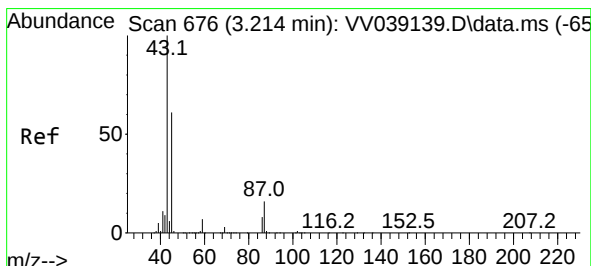
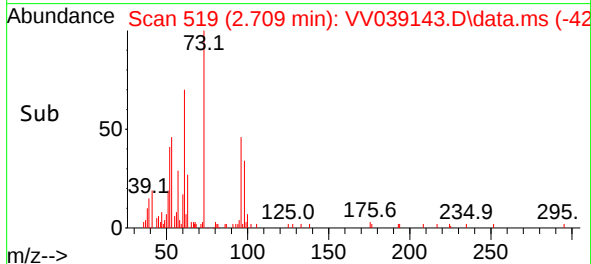
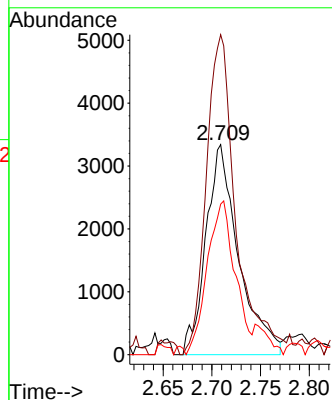
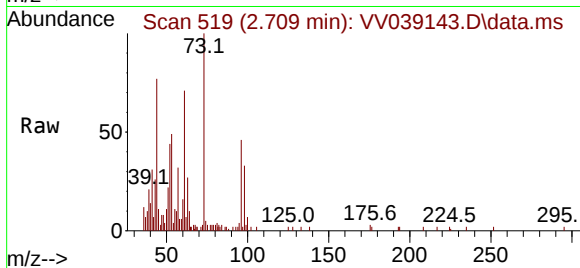




#21
trans-1,2-Dichloroethene
Concen: 1.195 ug/l
RT: 2.709 min Scan# 516
Delta R.T. 0.010 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

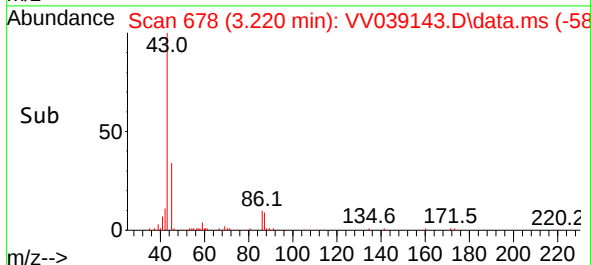
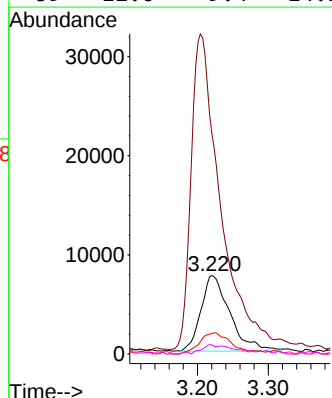
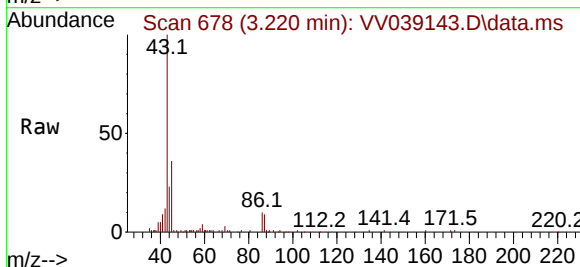
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 7797
Ion Ratio Lower Upper
96 100
61 152.3 112.8 169.2
98 68.3 51.1 76.7



#22
Diisopropyl ether
Concen: 1.032 ug/l
RT: 3.220 min Scan# 678
Delta R.T. 0.006 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 45 Resp: 21620
Ion Ratio Lower Upper
45 100
43 273.0 130.9 196.3#
87 27.1 21.1 31.7
59 12.0 9.4 14.2

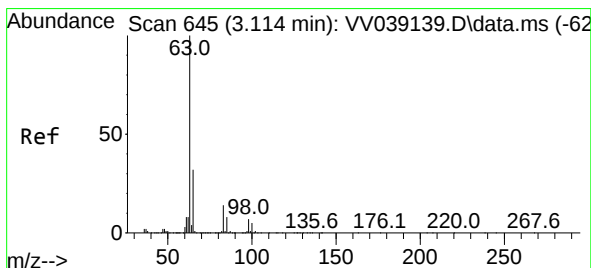
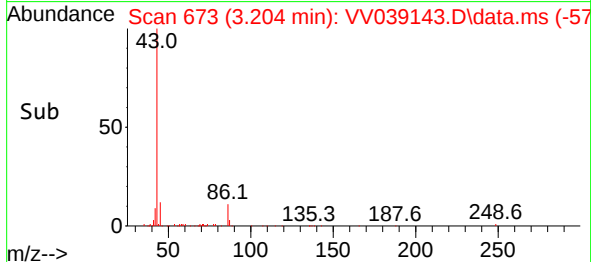
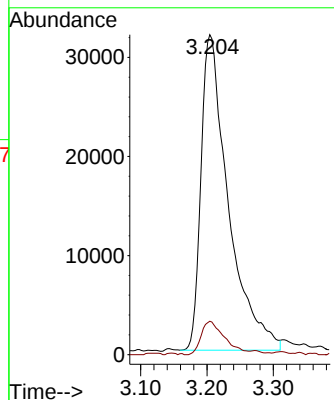
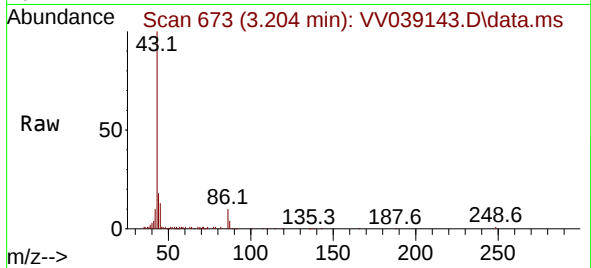




#23
 Vinyl Acetate
 Concen: 4.977 ug/l
 RT: 3.204 min Scan# 61
 Delta R.T. 0.019 min
 Lab File: VV039143.D
 Acq: 22 Sep 2025 16:35

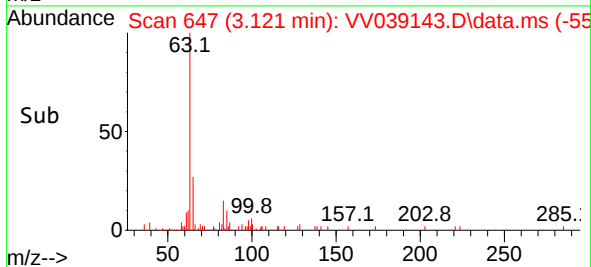
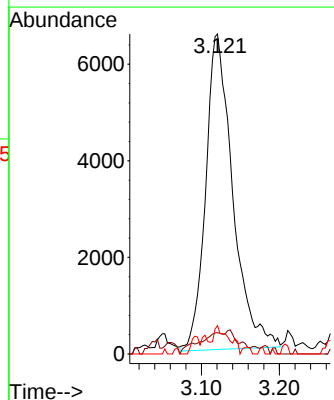
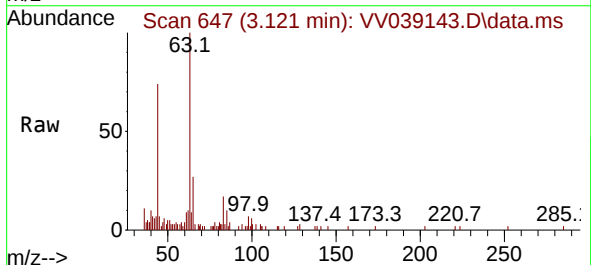
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

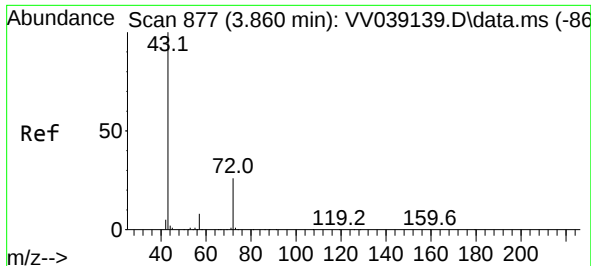
Tgt Ion: 43 Resp: 91192
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 1.233 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.006 min
 Lab File: VV039143.D
 Acq: 22 Sep 2025 16:35

Tgt Ion: 63 Resp: 15790
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 9.0 2.2 6.6#

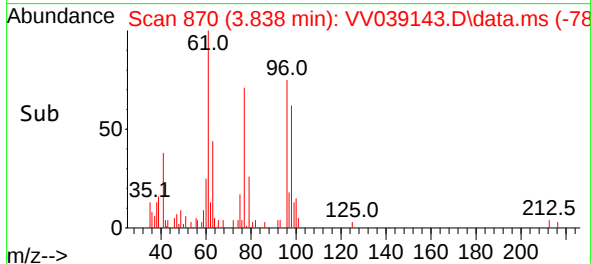
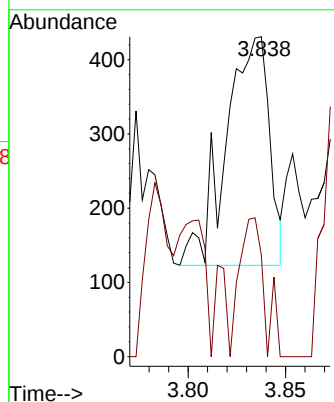
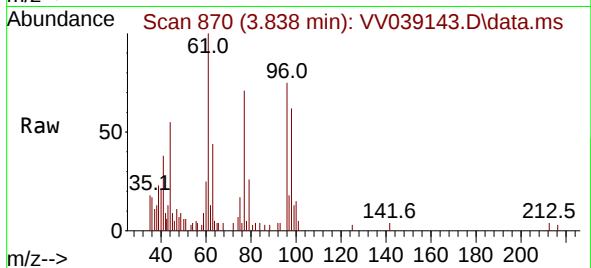




#25
2-Butanone
Concen: 0.103 ug/l
RT: 3.838 min Scan# 81
Delta R.T. -0.023 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

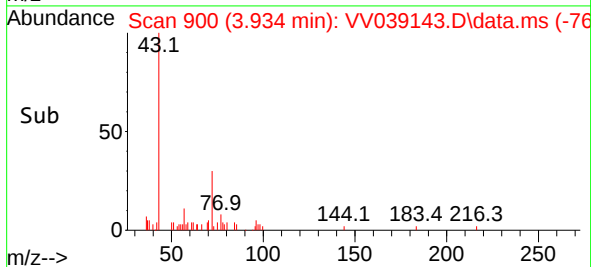
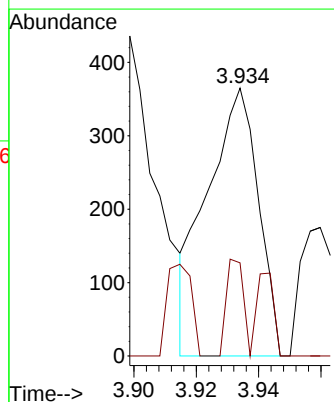
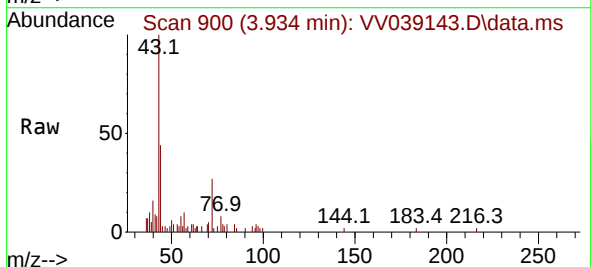
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion: 43 Resp: 478
Ion Ratio Lower Upper
43 100
72 44.5 21.0 31.6#



#26
2,2-Dichloropropane
Concen: 0.037 ug/l
RT: 3.934 min Scan# 900
Delta R.T. 0.128 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 77 Resp: 419
Ion Ratio Lower Upper
77 100
97 11.9 11.6 34.7

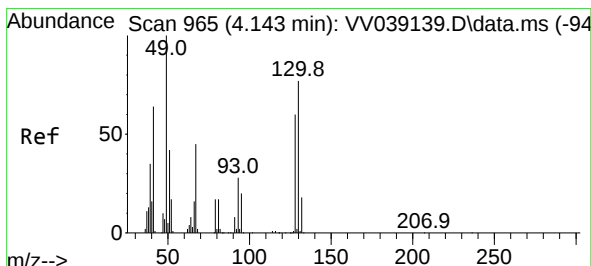
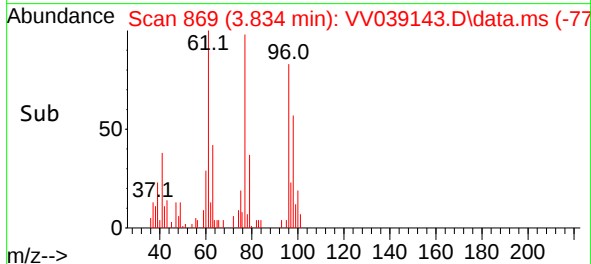
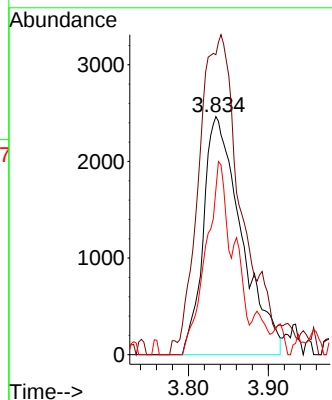
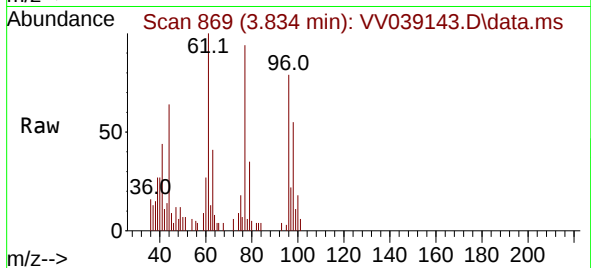




#27
 cis-1,2-Dichloroethene
 Concen: 1.131 ug/l
 RT: 3.834 min Scan# 864
 Delta R.T. 0.016 min
 Lab File: VV039143.D
 Acq: 22 Sep 2025 16:35

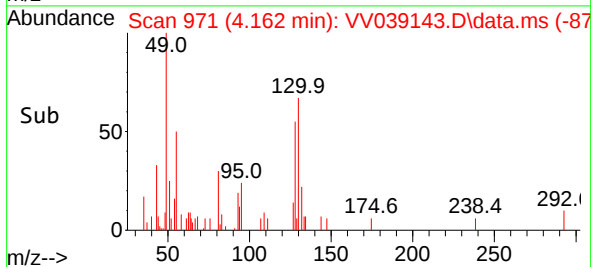
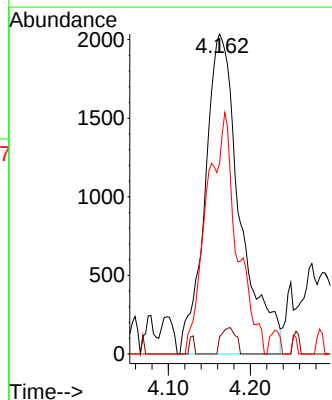
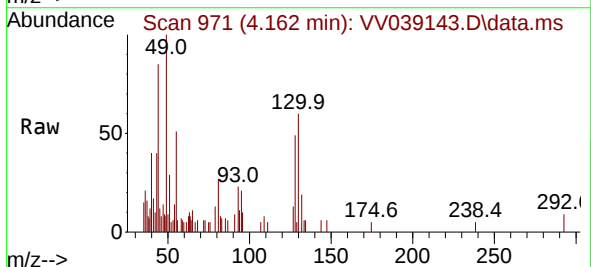
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

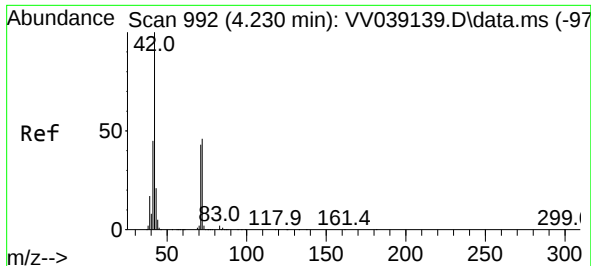
Tgt Ion: 96	Resp:	8138	
Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	286.4
98	46.3	0.0	126.6



#28
 Bromochloromethane
 Concen: 1.068 ug/l
 RT: 4.162 min Scan# 971
 Delta R.T. 0.019 min
 Lab File: VV039143.D
 Acq: 22 Sep 2025 16:35

Tgt Ion: 49	Resp: 6039
Ion Ratio	Lower Upper
49 100	
129 3.5	0.0 4.2
130 34.4	60.2 90.2#





#29

Tetrahydrofuran

Concen: 4.619 ug/l

RT: 4.262 min Scan# 1002

Delta R.T. 0.032 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

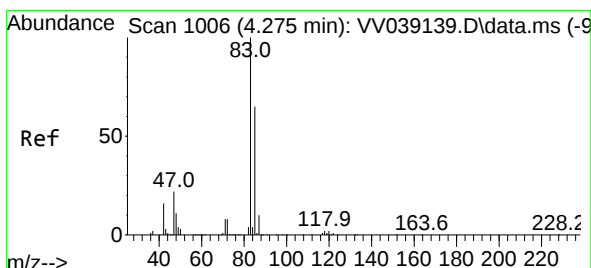
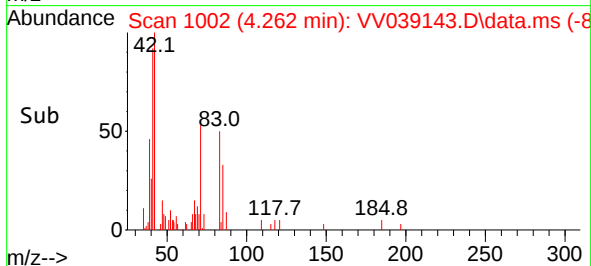
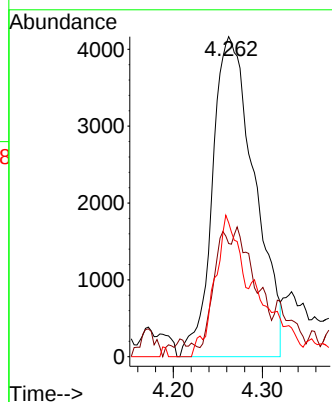
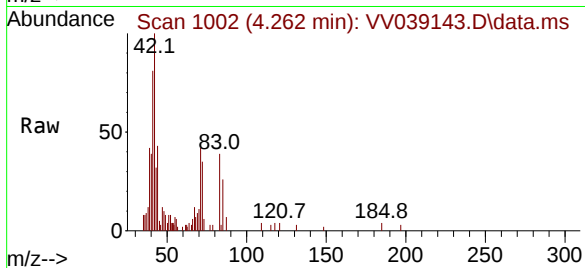
Tgt Ion: 42 Resp: 13621

Ion Ratio Lower Upper

42 100

72 14.9 36.3 54.5#

71 28.2 34.3 51.5#



#30

Chloroform

Concen: 1.143 ug/l

RT: 4.288 min Scan# 1010

Delta R.T. 0.013 min

Lab File: VV039143.D

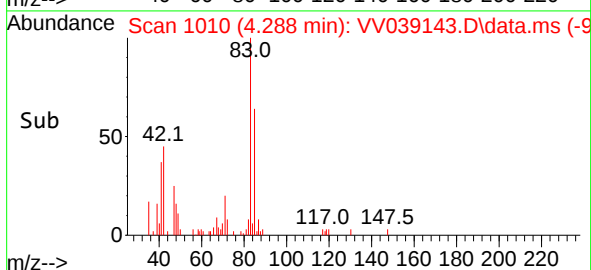
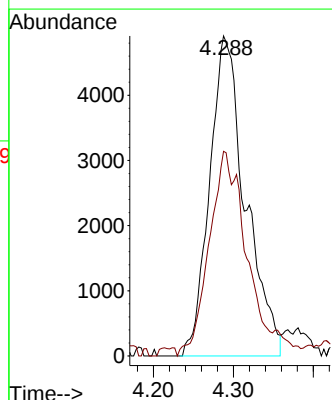
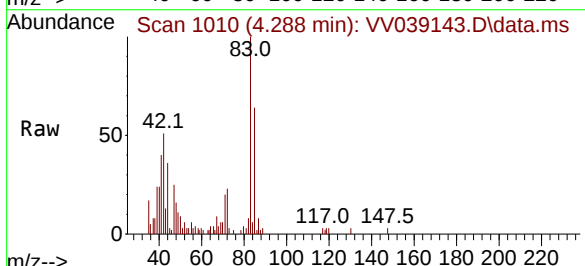
Acq: 22 Sep 2025 16:35

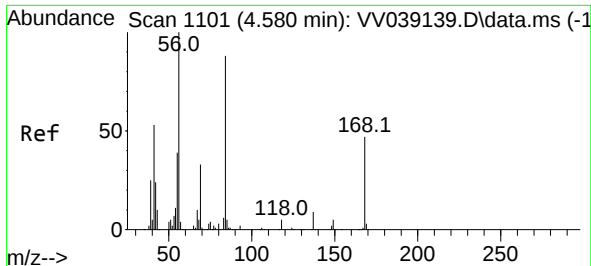
Tgt Ion: 83 Resp: 15288

Ion Ratio Lower Upper

83 100

85 61.9 52.1 78.1

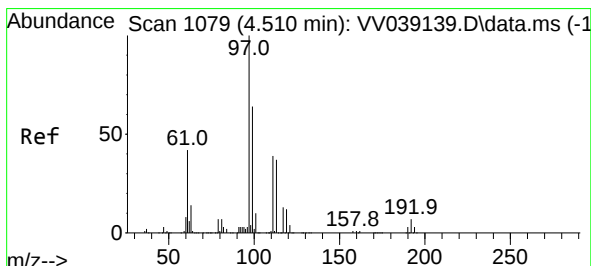
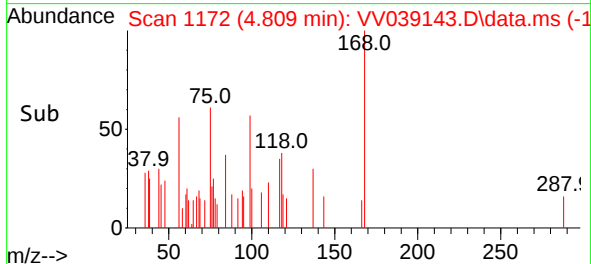
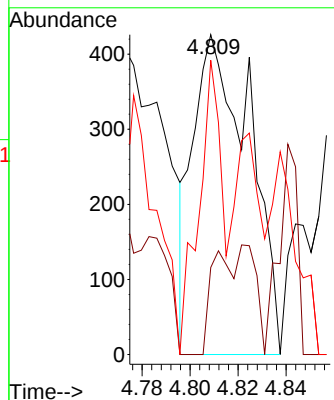
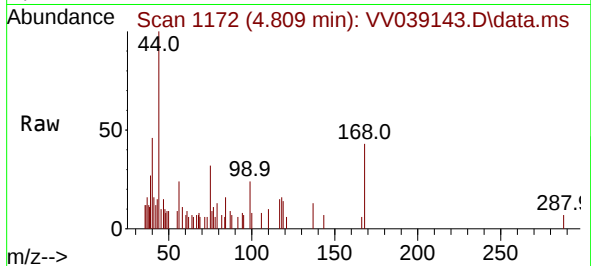




#31
Cyclohexane
Concen: 0.067 ug/l
RT: 4.809 min Scan# 1101
Delta R.T. 0.228 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

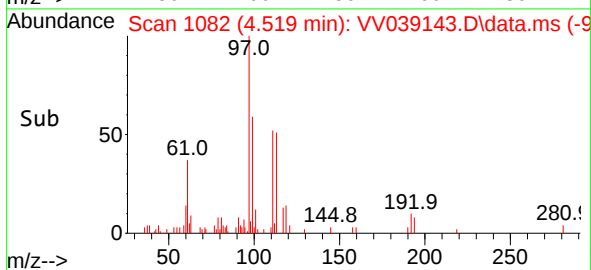
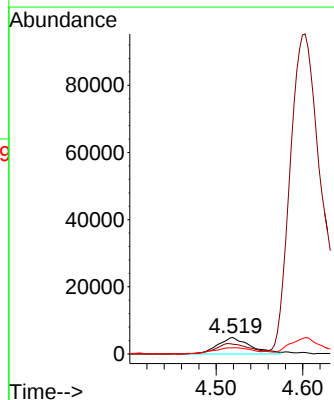
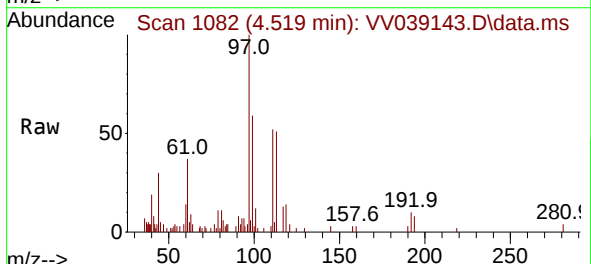
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

Tgt Ion:	56	Resp:	698
Ion	Ratio	Lower	Upper
56	100		
69	27.2	26.2	39.2
84	92.0	70.3	105.5



#32
1,1,1-Trichloroethane
Concen: 1.116 ug/l
RT: 4.519 min Scan# 1082
Delta R.T. 0.010 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion:	97	Resp:	12926
Ion	Ratio	Lower	Upper
97	100		
99	66.0	49.6	74.4
61	37.6	34.5	51.7





#33

1,2-Dichloroethane-d4

Concen: 1.444 ug/l

RT: 4.963 min Scan# 11

Delta R.T. 0.026 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

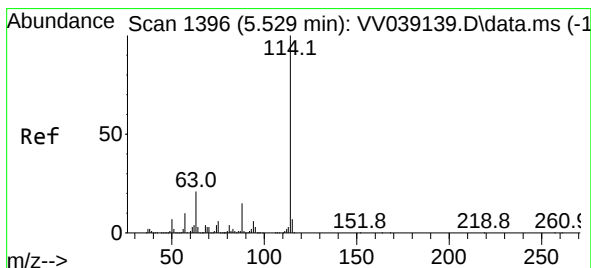
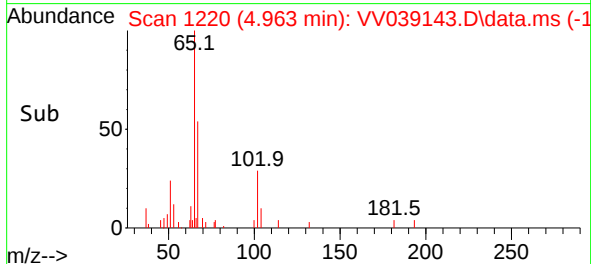
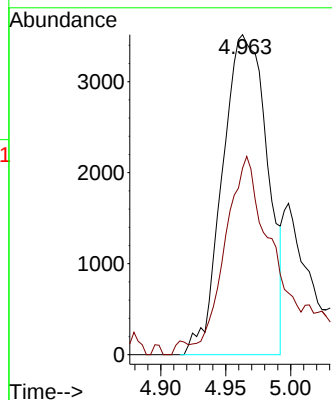
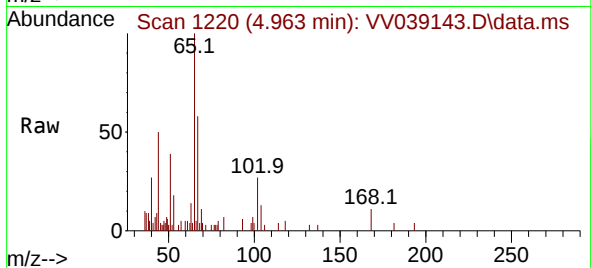
VSTDIC001

Tgt Ion: 65 Resp: 8497

Ion Ratio Lower Upper

65 100

67 58.0 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.535 min Scan# 1398

Delta R.T. 0.006 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

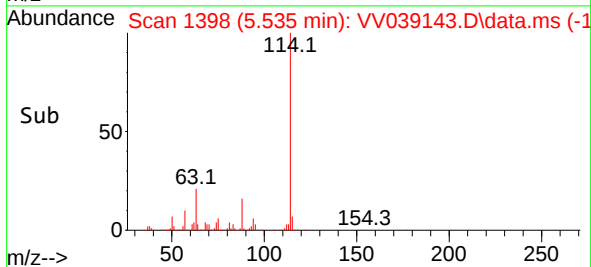
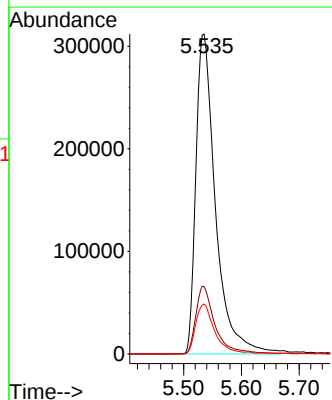
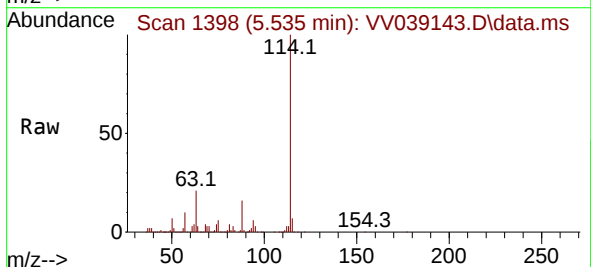
Tgt Ion: 114 Resp: 735855

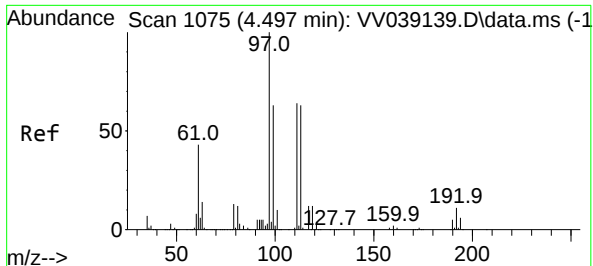
Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 15.6 0.0 30.8

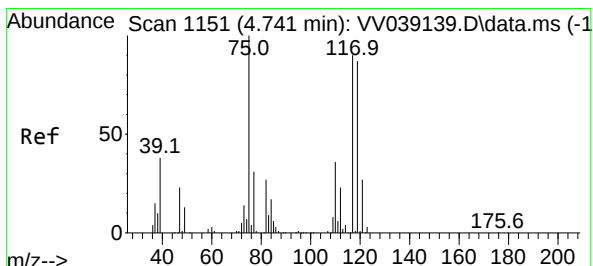
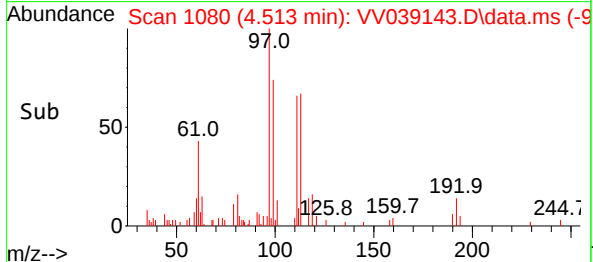
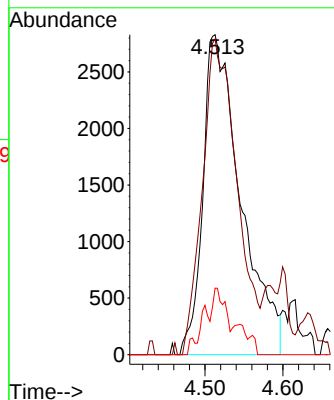
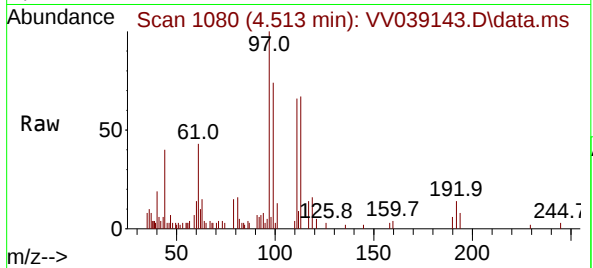




#35
Dibromofluoromethane
Concen: 1.616 ug/l
RT: 4.513 min Scan# 1108
Delta R.T. 0.016 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

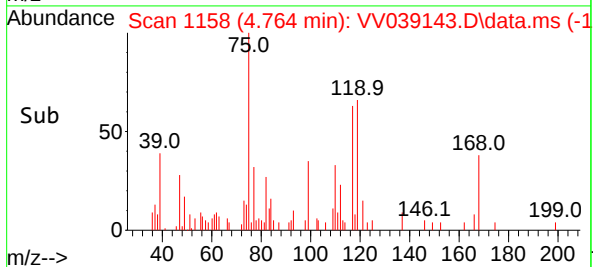
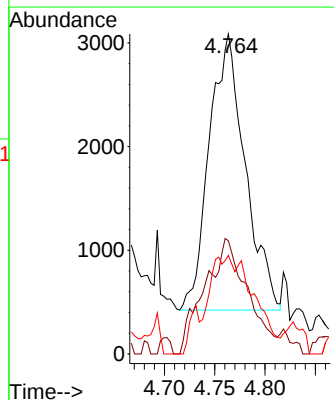
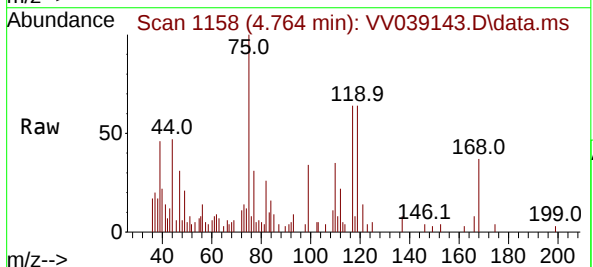
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

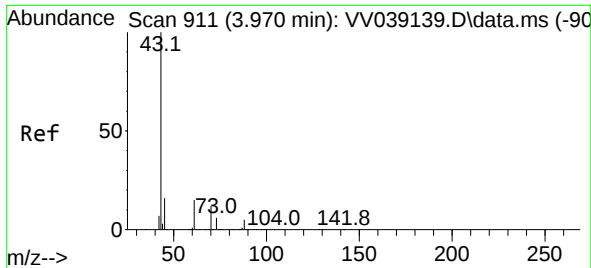
Tgt Ion:113 Resp: 9562
Ion Ratio Lower Upper
113 100
111 89.6 82.4 123.6
192 4.3 13.8 20.8#



#36
1,1-Dichloropropene
Concen: 0.734 ug/l
RT: 4.764 min Scan# 1158
Delta R.T. 0.023 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 75 Resp: 6613
Ion Ratio Lower Upper
75 100
110 50.2 18.1 54.1
77 7.9 24.8 37.2#





#37

Ethyl Acetate

Concen: 0.067 ug/l

RT: 4.030 min Scan# 911

Delta R.T. 0.060 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

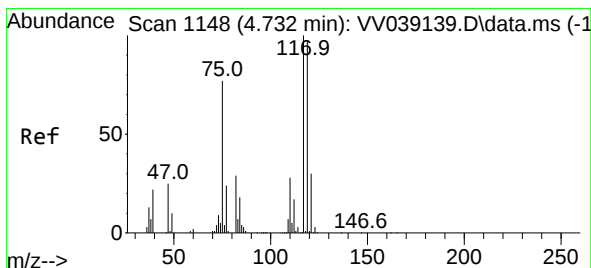
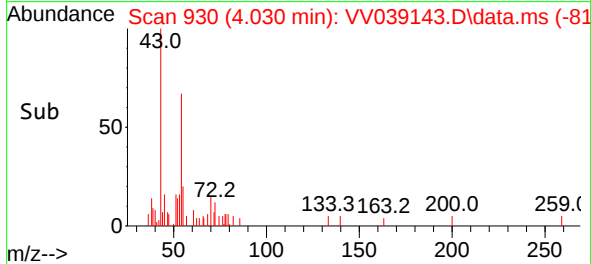
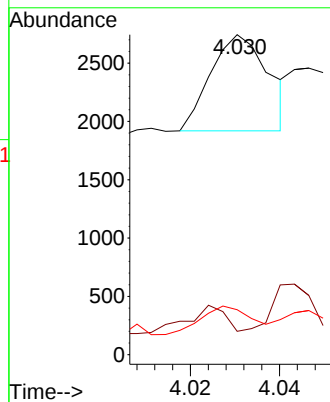
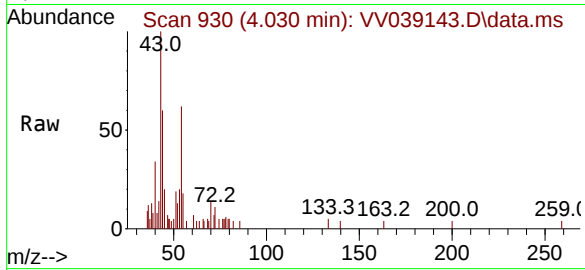
Tgt Ion: 43 Resp: 742

Ion Ratio Lower Upper

43 100

61 69.3 10.3 15.5#

70 25.9 8.0 12.0#



#38

Carbon Tetrachloride

Concen: 1.021 ug/l

RT: 4.735 min Scan# 1149

Delta R.T. 0.003 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

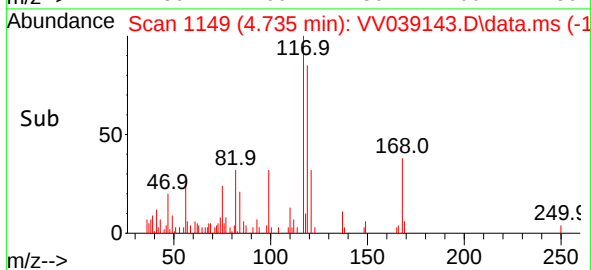
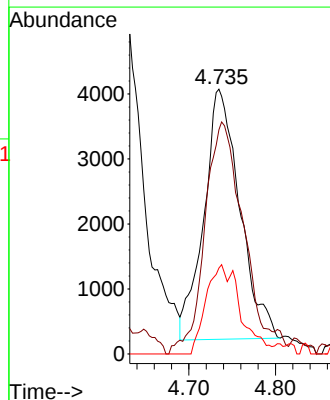
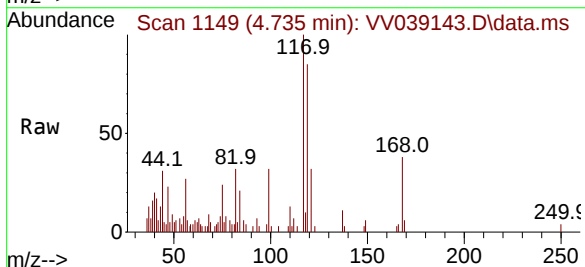
Tgt Ion: 117 Resp: 11083

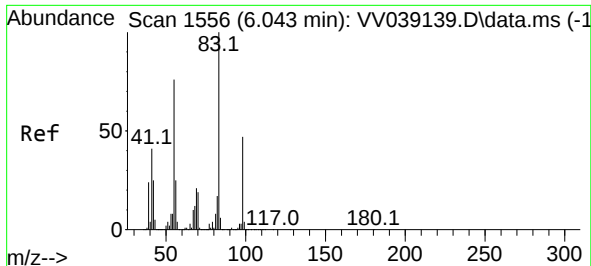
Ion Ratio Lower Upper

117 100

119 84.5 77.2 115.8

121 34.5 24.2 36.2





#39

Methylcyclohexane

Concen: 0.848 ug/l

RT: 6.050 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

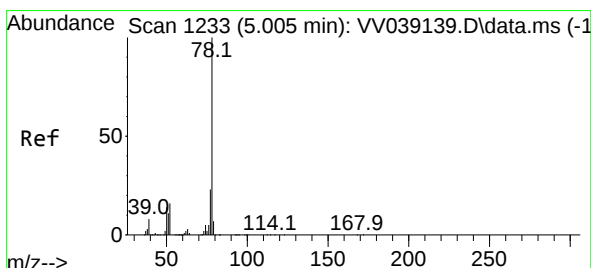
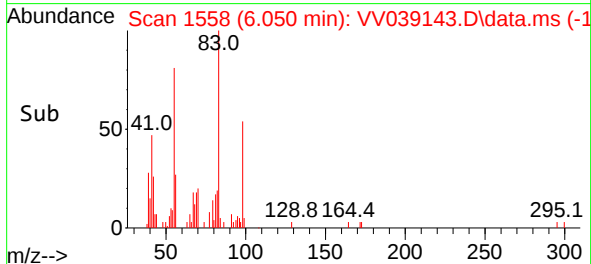
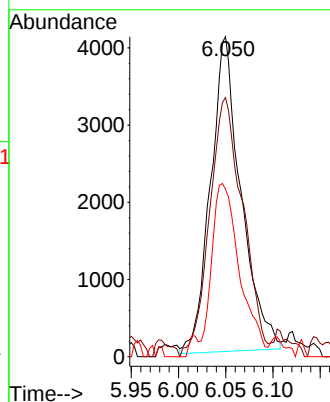
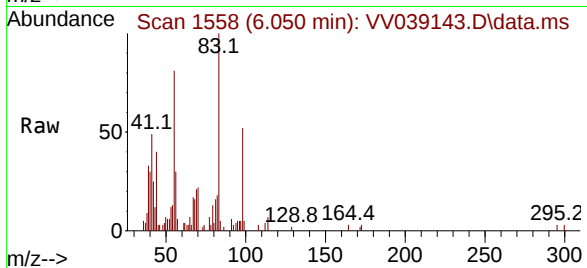
Tgt Ion: 83 Resp: 9159

Ion Ratio Lower Upper

83 100

55 83.0 60.5 90.7

98 53.7 37.8 56.6



#40

Benzene

Concen: 0.978 ug/l

RT: 5.027 min Scan# 1240

Delta R.T. 0.022 min

Lab File: VV039143.D

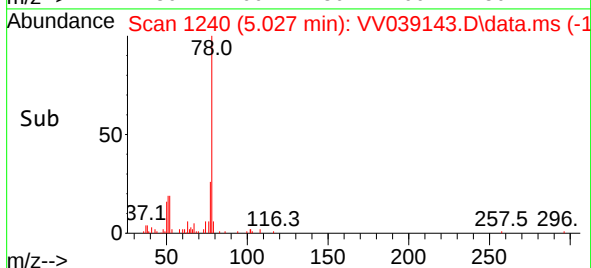
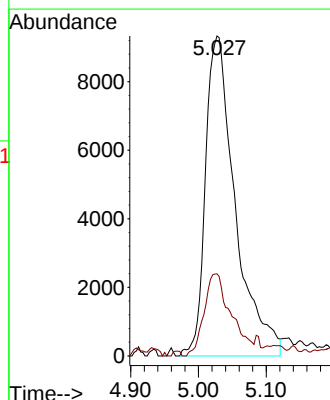
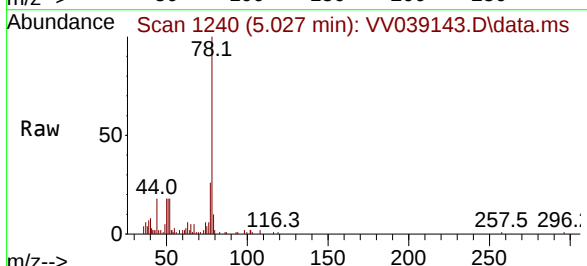
Acq: 22 Sep 2025 16:35

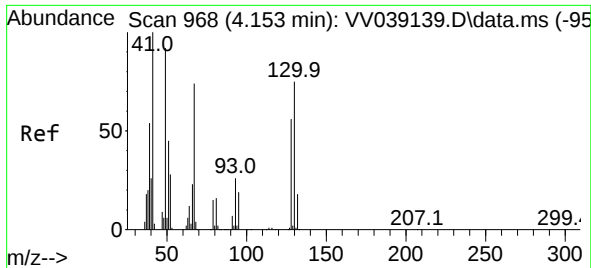
Tgt Ion: 78 Resp: 28487

Ion Ratio Lower Upper

78 100

77 24.3 18.7 28.1

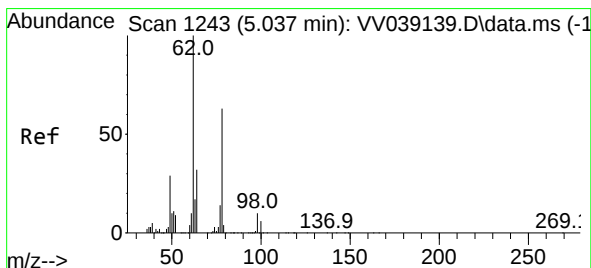
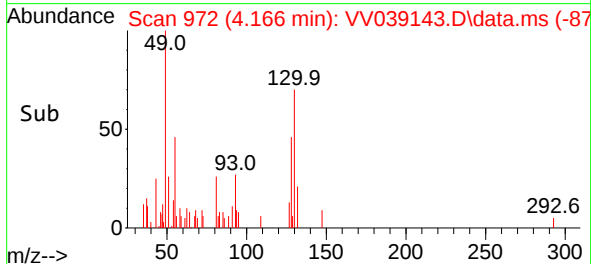
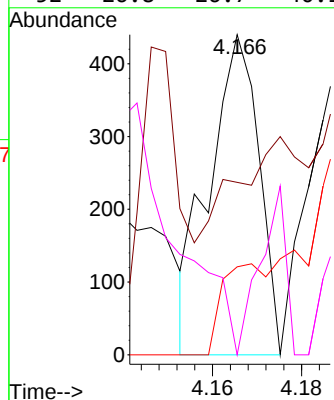
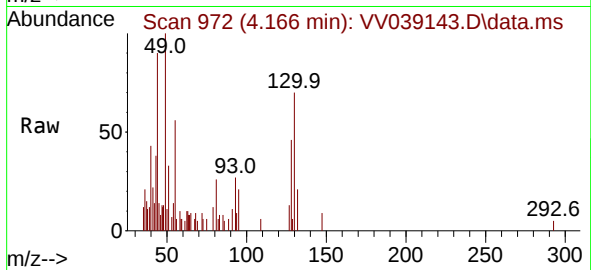




#41
Methacrylonitrile
Concen: 1.961 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.013 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

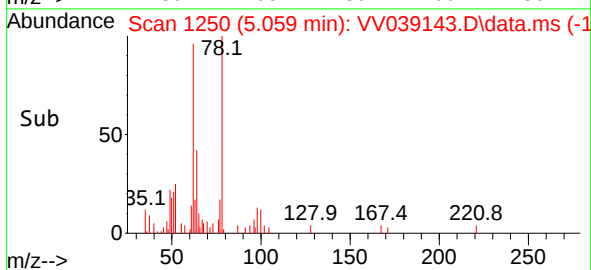
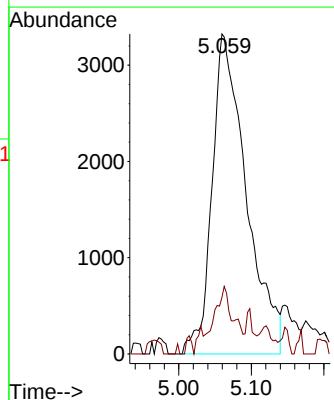
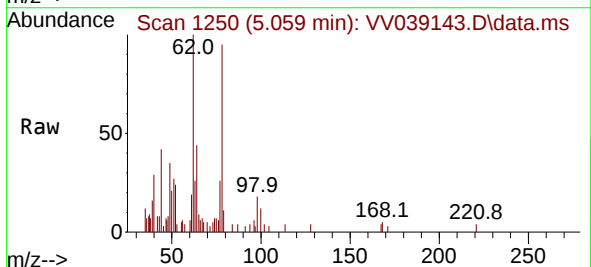
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

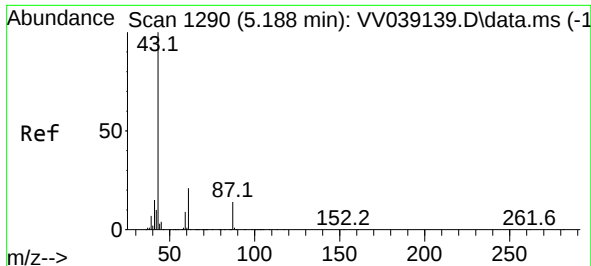
Tgt Ion:	41	Resp:	340
Ion	Ratio	Lower	Upper
41	100		
39	43.5	42.2	63.2
67	0.0	67.9	101.9#
52	26.8	26.7	40.1



#42
1,2-Dichloroethane
Concen: 1.067 ug/l
RT: 5.059 min Scan# 1250
Delta R.T. 0.022 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion:	62	Resp:	10892
Ion	Ratio	Lower	Upper
62	100		
98	11.5	0.0	19.2





#43

Isopropyl Acetate

Concen: 0.279 ug/l

RT: 5.223 min Scan# 11

Delta R.T. 0.035 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

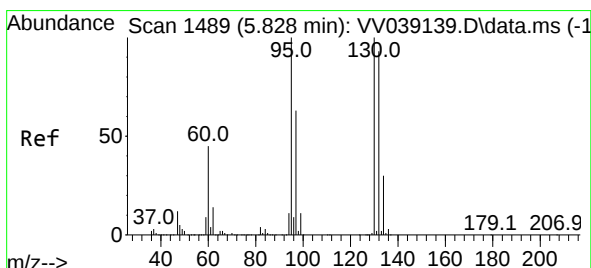
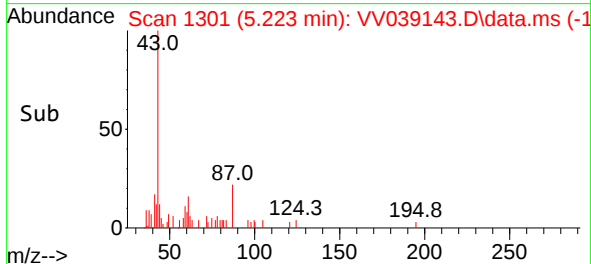
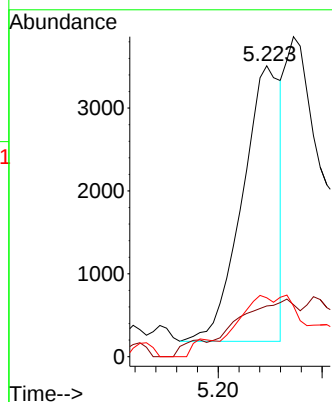
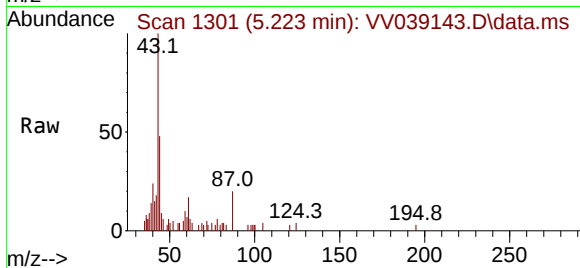
Tgt Ion: 43 Resp: 4253

Ion Ratio Lower Upper

43 100

61 21.2 15.9 23.9

87 13.3 11.0 16.6



#44

Trichloroethene

Concen: 0.953 ug/l

RT: 5.850 min Scan# 1496

Delta R.T. 0.022 min

Lab File: VV039143.D

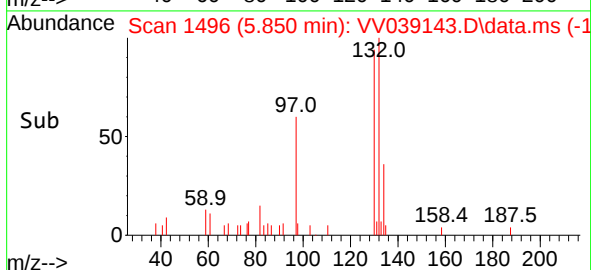
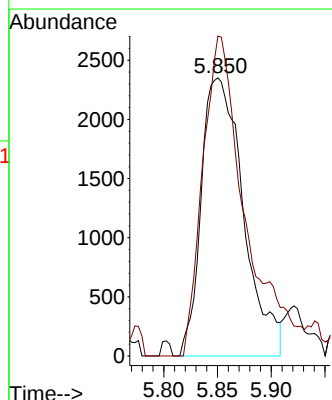
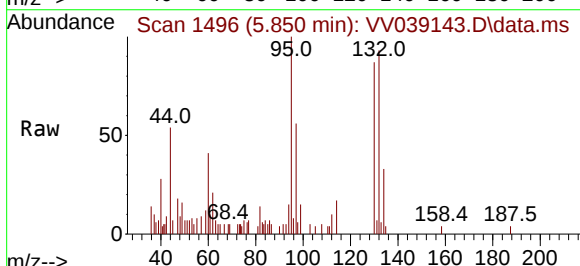
Acq: 22 Sep 2025 16:35

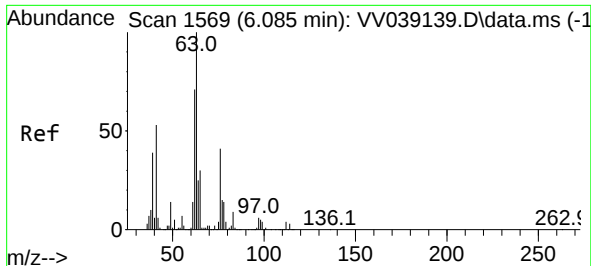
Tgt Ion:130 Resp: 6408

Ion Ratio Lower Upper

130 100

95 115.1 0.0 199.2





#45

1,2-Dichloropropane

Concen: 0.945 ug/l

RT: 6.104 min Scan# 1

Delta R.T. 0.019 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

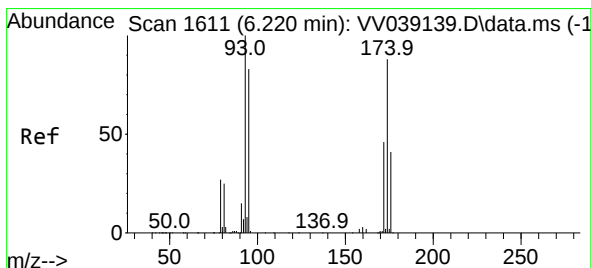
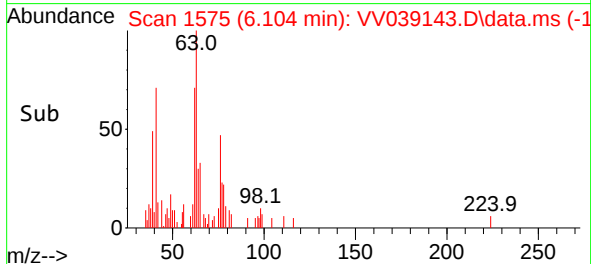
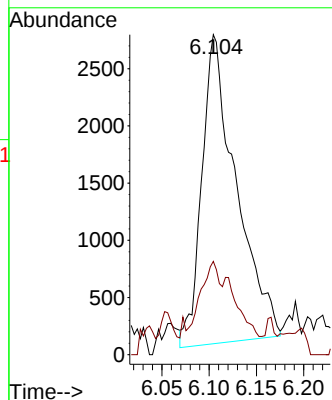
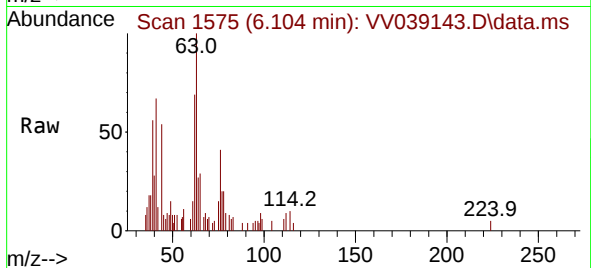
VSTDICC001

Tgt Ion: 63 Resp: 6838

Ion Ratio Lower Upper

63 100

65 25.8 23.7 35.5



#46

Dibromomethane

Concen: 1.053 ug/l

RT: 6.249 min Scan# 1620

Delta R.T. 0.029 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

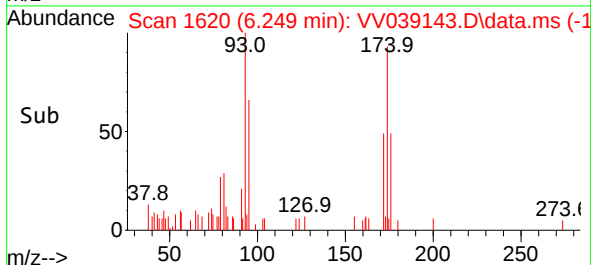
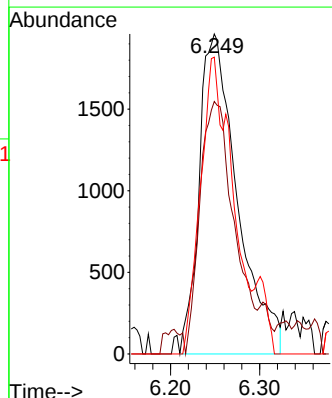
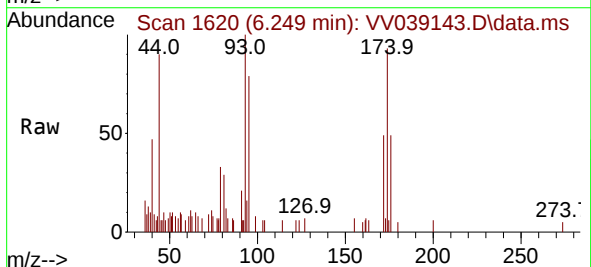
Tgt Ion: 93 Resp: 5835

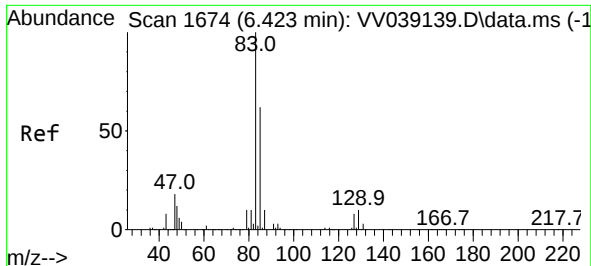
Ion Ratio Lower Upper

93 100

95 70.8 65.5 98.3

174 77.3 69.0 103.4





#47

Bromodichloromethane

Concen: 1.066 ug/l

RT: 6.439 min Scan# 1

Delta R.T. 0.016 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

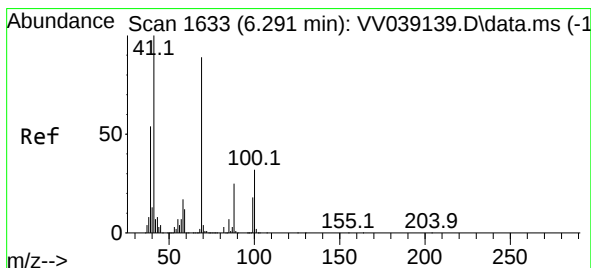
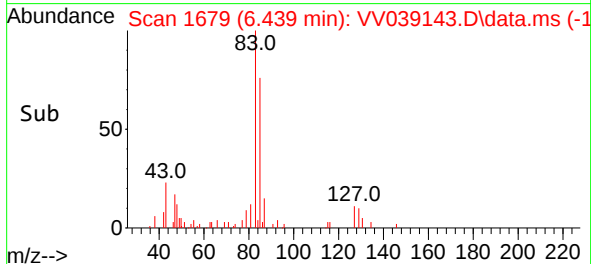
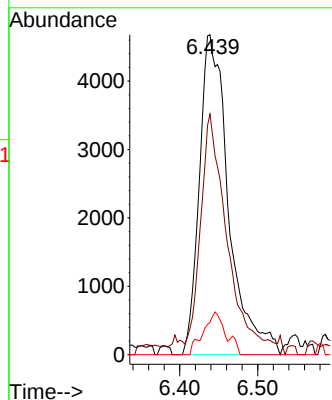
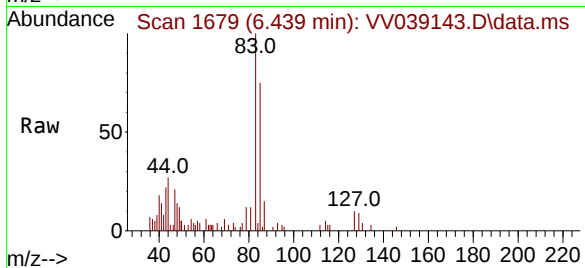
Tgt Ion: 83 Resp: 12206

Ion Ratio Lower Upper

83 100

85 70.7 49.7 74.5

127 10.2 6.6 9.8#



#48

Methyl methacrylate

Concen: 0.021 ug/l

RT: 6.320 min Scan# 1642

Delta R.T. 0.029 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

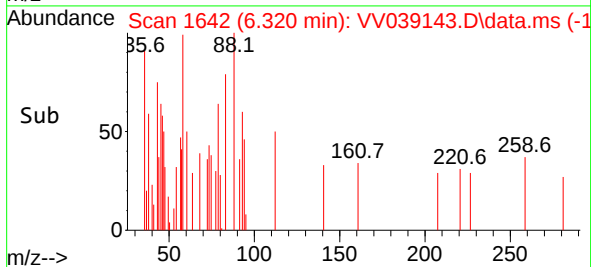
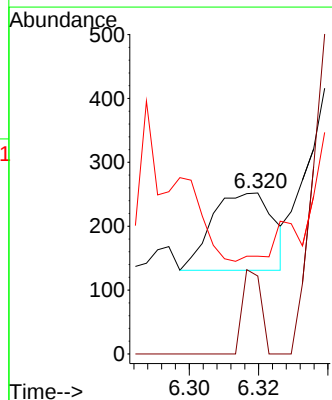
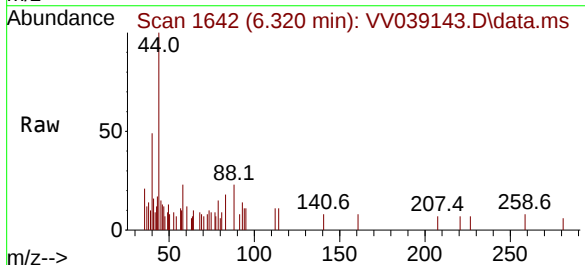
Tgt Ion: 41 Resp: 149

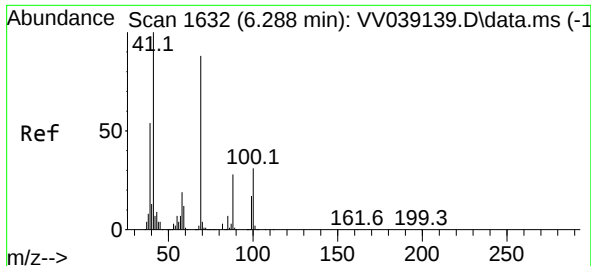
Ion Ratio Lower Upper

41 100

69 0.0 72.4 108.6#

39 0.0 42.5 63.7#





#49

1,4-Dioxane

Concen: 12.478 ug/l

RT: 6.333 min Scan# 1

Delta R.T. 0.045 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

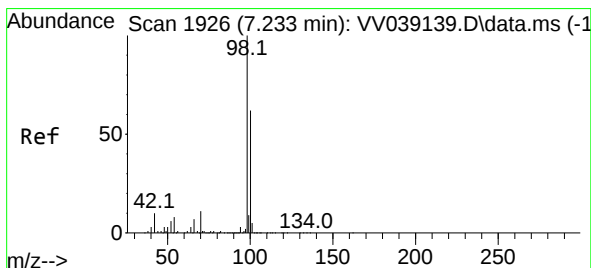
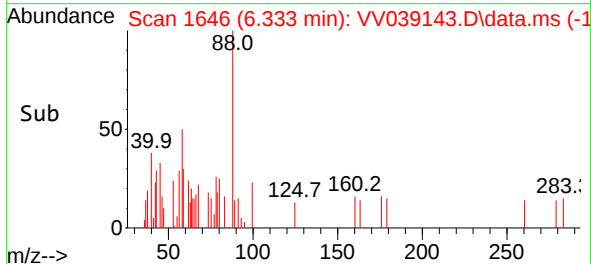
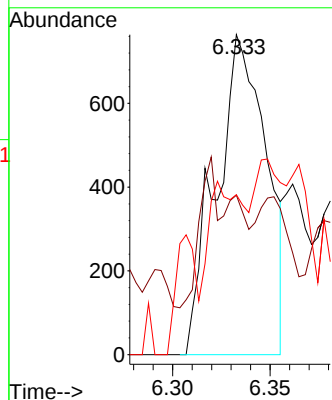
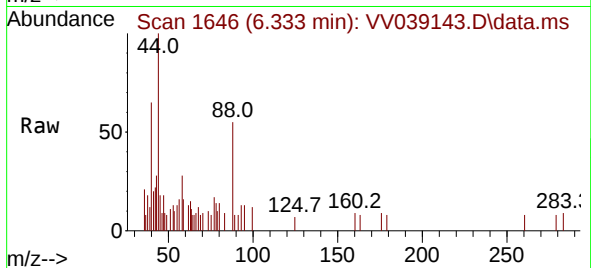
Tgt Ion: 88 Resp: 1366

Ion Ratio Lower Upper

88 100

43 19.2 25.1 37.7#

58 25.4 53.6 80.4#



#50

Toluene-d8

Concen: 1.304 ug/l

RT: 7.255 min Scan# 1933

Delta R.T. 0.022 min

Lab File: VV039143.D

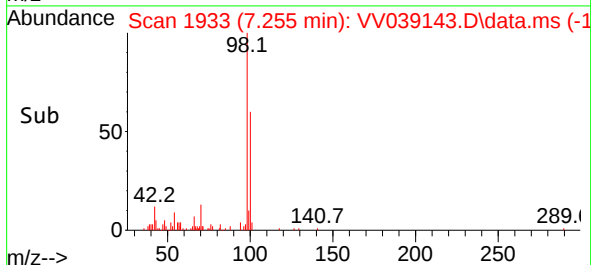
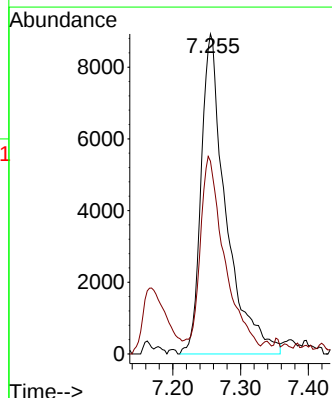
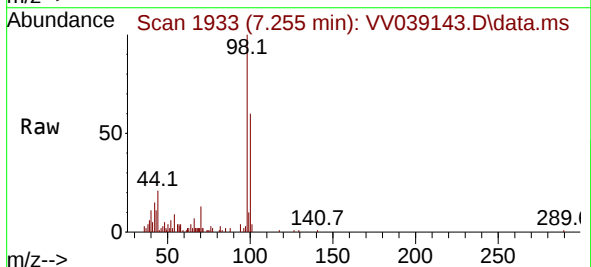
Acq: 22 Sep 2025 16:35

Tgt Ion: 98 Resp: 22662

Ion Ratio Lower Upper

98 100

100 57.2 52.2 78.2

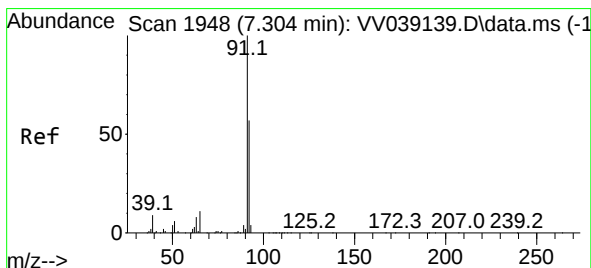
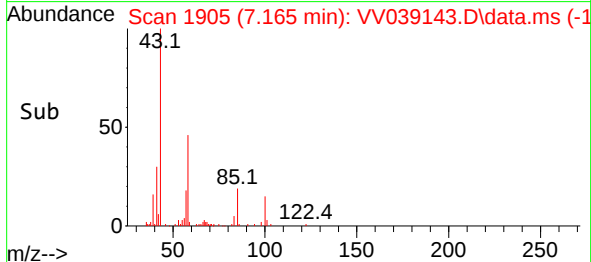
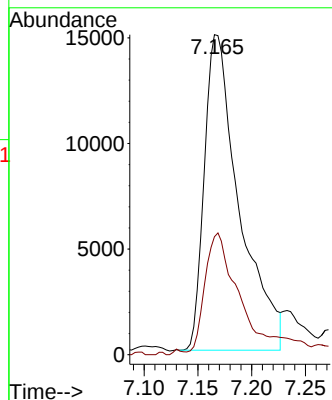
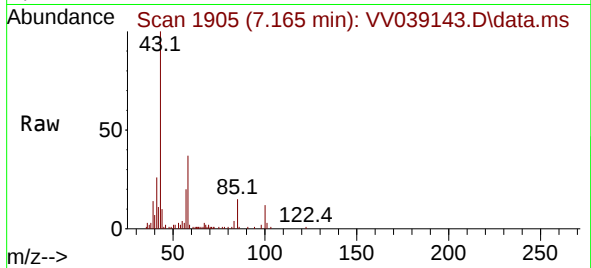




#51
4-Methyl-2-Pentanone
Concen: 3.472 ug/l
RT: 7.165 min Scan# 1905
Delta R.T. 0.019 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

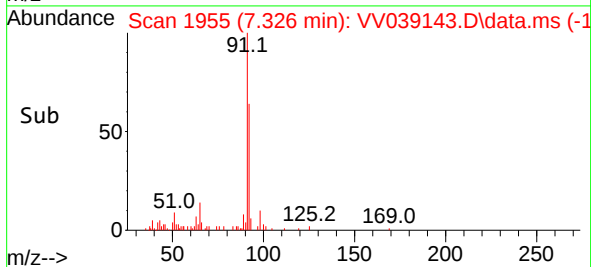
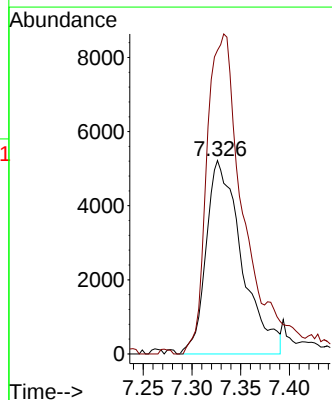
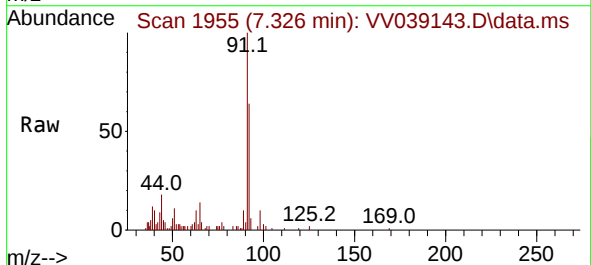
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

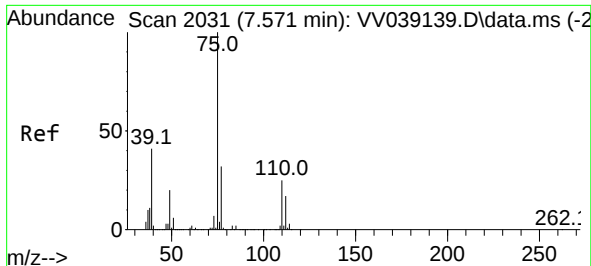
Tgt Ion: 43 Resp: 33797
Ion Ratio Lower Upper
43 100
58 38.1 32.3 48.5



#52
Toluene
Concen: 0.786 ug/l
RT: 7.326 min Scan# 1955
Delta R.T. 0.022 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 92 Resp: 13265
Ion Ratio Lower Upper
92 100
91 156.2 139.2 208.8

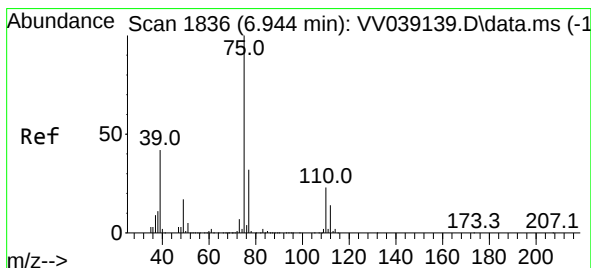
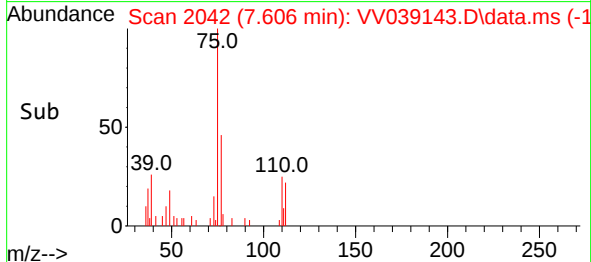
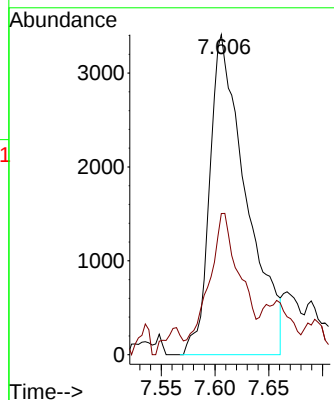
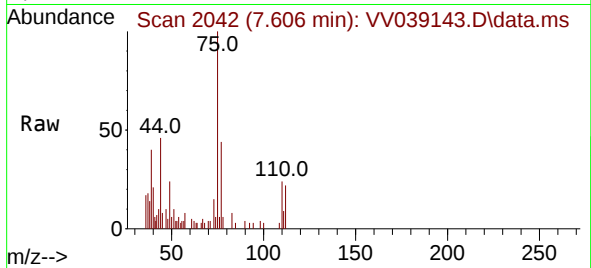




#53
t-1,3-Dichloropropene
Concen: 0.807 ug/l
RT: 7.606 min Scan# 2042
Delta R.T. 0.035 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

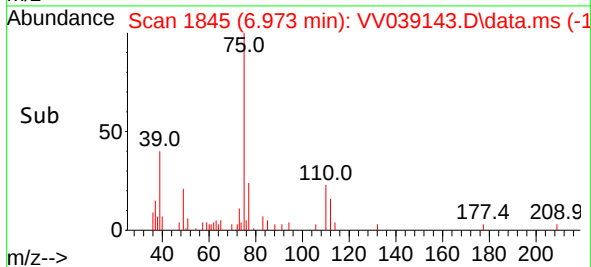
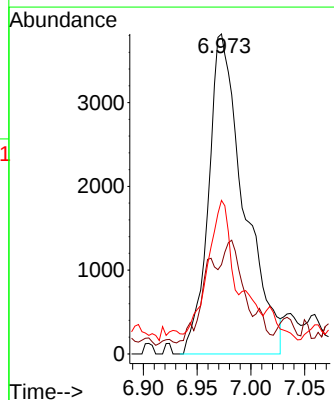
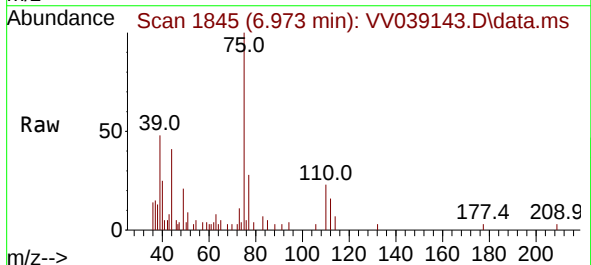
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

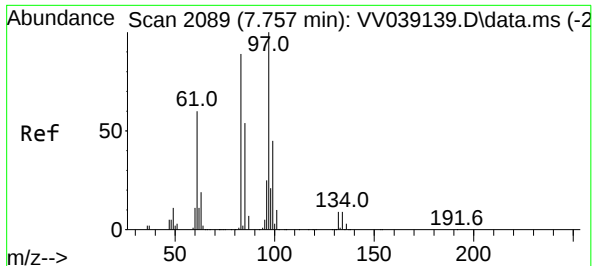
Tgt Ion: 75 Resp: 8060
Ion Ratio Lower Upper
75 100
77 38.0 25.9 38.9



#54
cis-1,3-Dichloropropene
Concen: 0.794 ug/l
RT: 6.973 min Scan# 1845
Delta R.T. 0.029 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 75 Resp: 8754
Ion Ratio Lower Upper
75 100
77 23.8 25.5 38.3#
39 41.7 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 1.075 ug/l

RT: 7.776 min Scan# 2089

Delta R.T. 0.019 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 8140

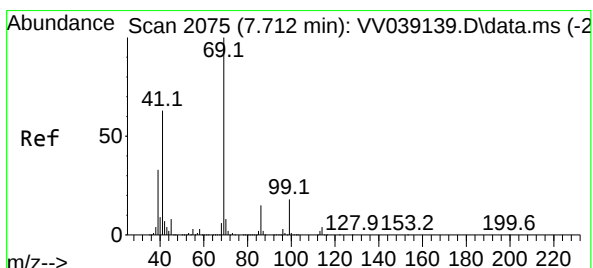
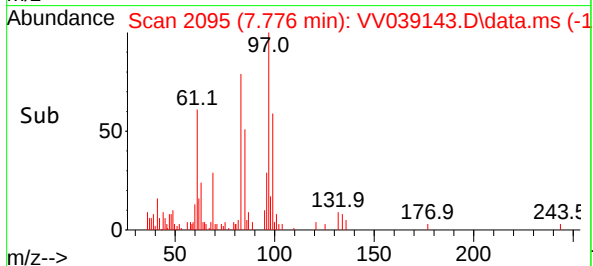
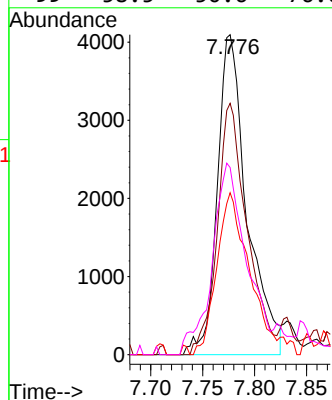
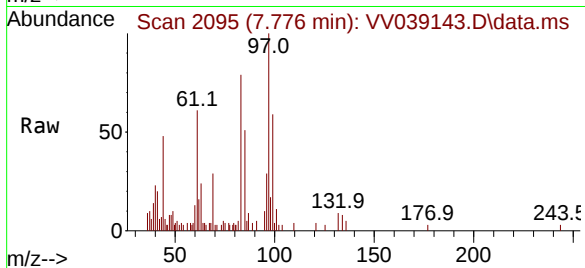
Ion Ratio Lower Upper

97 100

83 78.6 71.1 106.7

85 50.6 44.6 67.0

99 58.5 50.6 76.0



#56

Ethyl methacrylate

Concen: 0.630 ug/l

RT: 7.747 min Scan# 2086

Delta R.T. 0.035 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

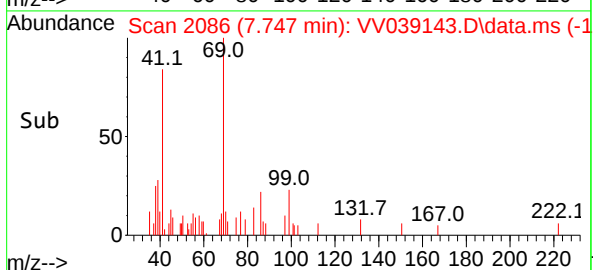
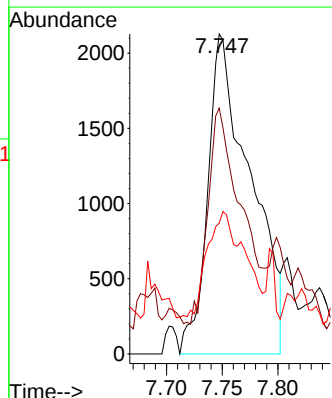
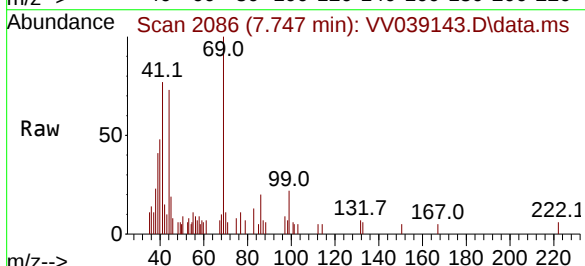
Tgt Ion: 69 Resp: 5661

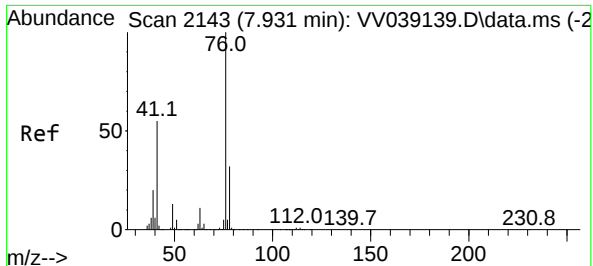
Ion Ratio Lower Upper

69 100

41 52.7 50.7 76.1

39 28.2 26.0 39.0

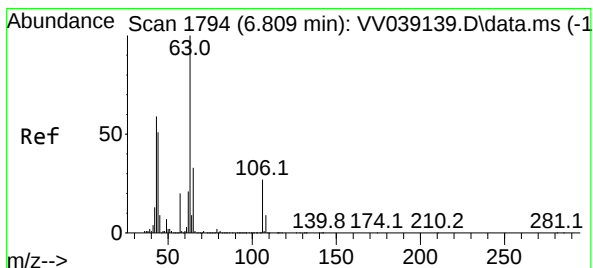
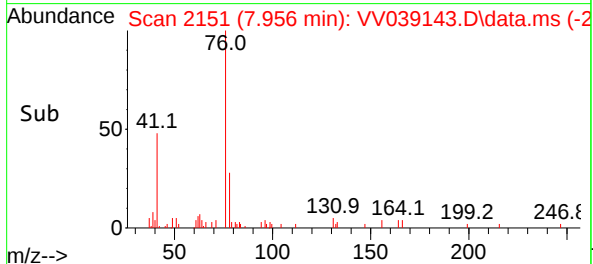
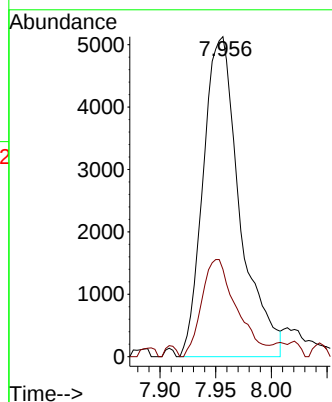
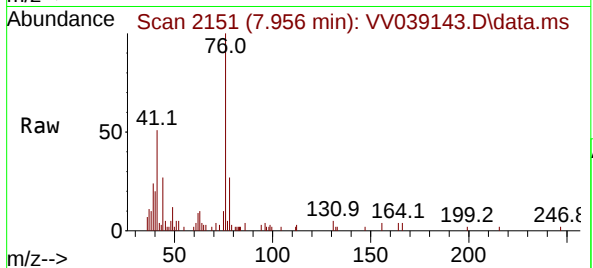




#57
1,3-Dichloropropane
Concen: 0.982 ug/l
RT: 7.956 min Scan# 2143
Delta R.T. 0.025 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

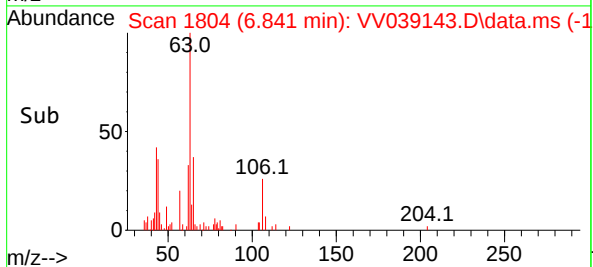
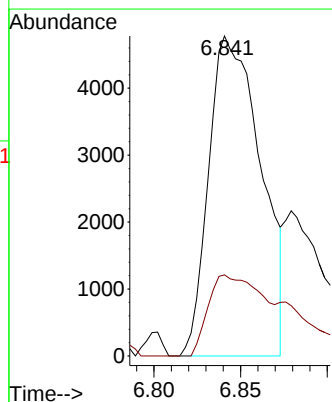
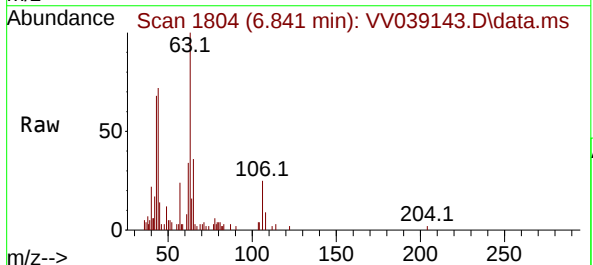
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion: 76 Resp: 11732
Ion Ratio Lower Upper
76 100
78 29.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 11.289 ug/l
RT: 6.841 min Scan# 1804
Delta R.T. 0.032 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 63 Resp: 10011
Ion Ratio Lower Upper
63 100
106 26.4 22.1 33.1

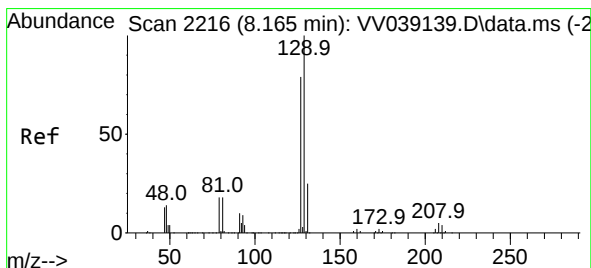
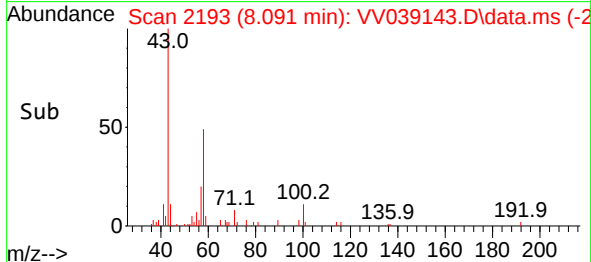
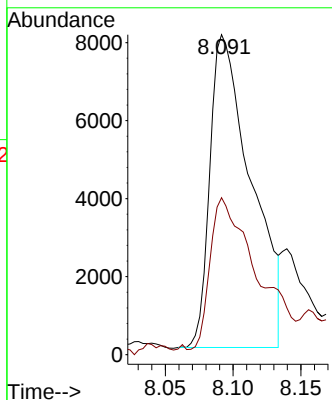
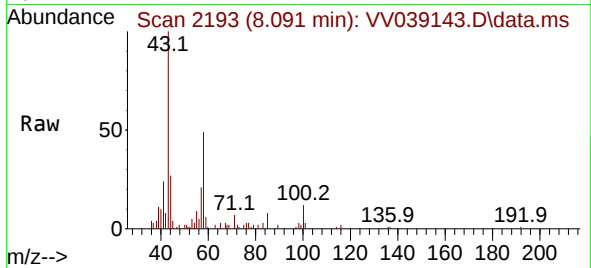




#59
2-Hexanone
Concen: 4.307 ug/l
RT: 8.091 min Scan# 2183
Delta R.T. 0.032 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

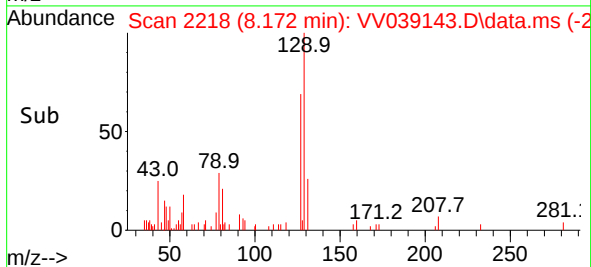
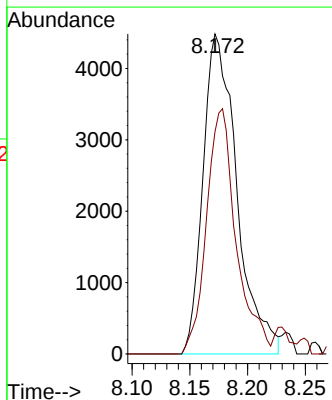
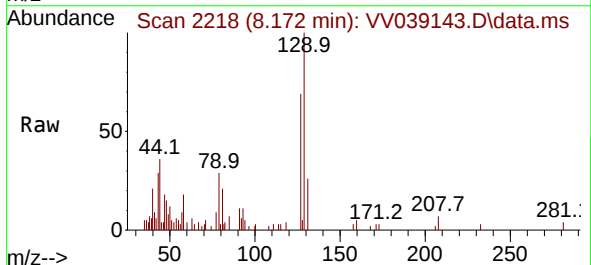
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

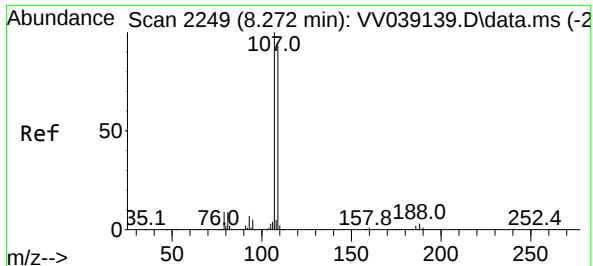
Tgt Ion: 43 Resp: 17015
Ion Ratio Lower Upper
43 100
58 55.1 28.3 85.0



#60
Dibromochloromethane
Concen: 1.057 ug/l
RT: 8.172 min Scan# 2218
Delta R.T. 0.006 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 129 Resp: 9122
Ion Ratio Lower Upper
129 100
127 67.4 39.3 117.9





#61

1,2-Dibromoethane

Concen: 0.921 ug/l

RT: 8.288 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

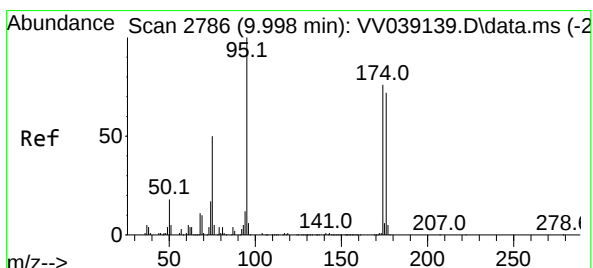
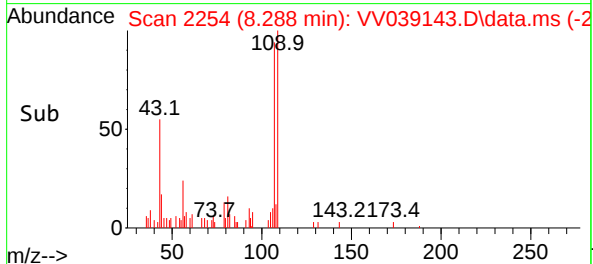
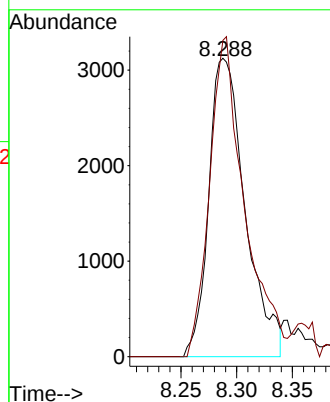
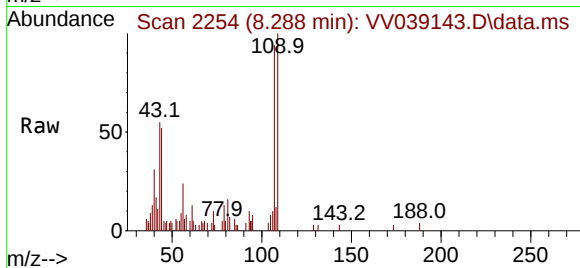
VSTDIC001

Tgt Ion:107 Resp: 7129

Ion Ratio Lower Upper

107 100

109 102.8 74.6 112.0



#62

4-Bromofluorobenzene

Concen: 0.940 ug/l

RT: 10.014 min Scan# 2791

Delta R.T. 0.016 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

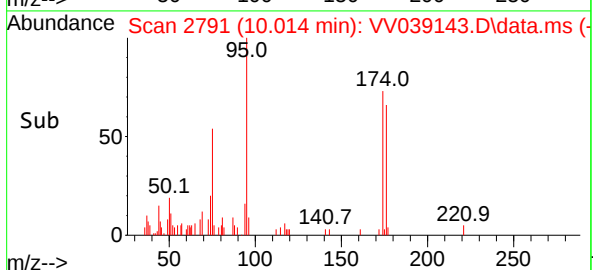
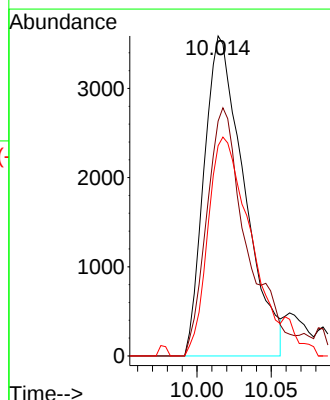
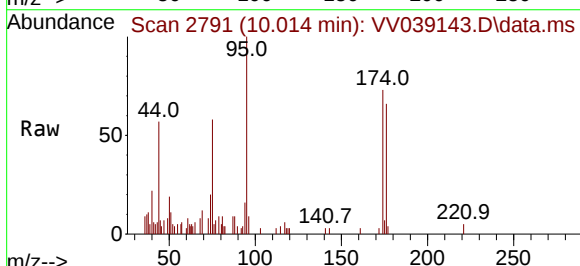
Tgt Ion: 95 Resp: 6721

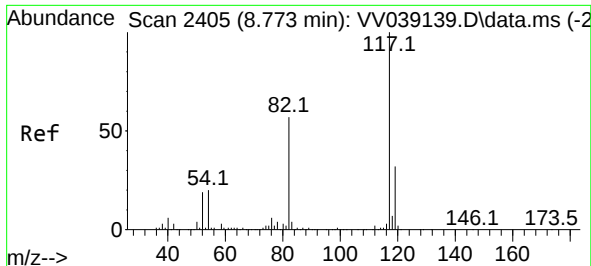
Ion Ratio Lower Upper

95 100

174 78.5 0.0 150.4

176 72.3 0.0 144.2

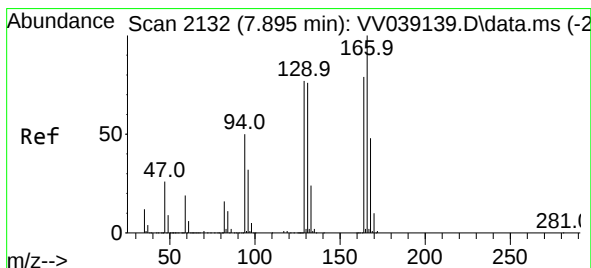
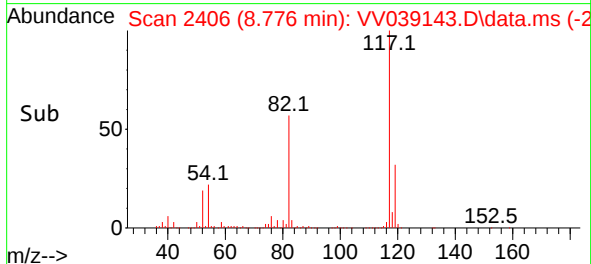
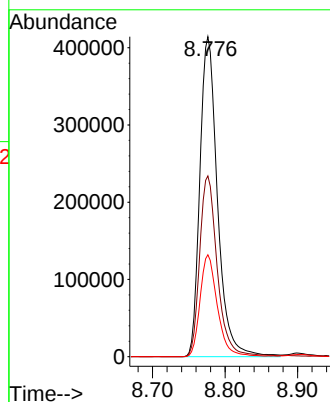
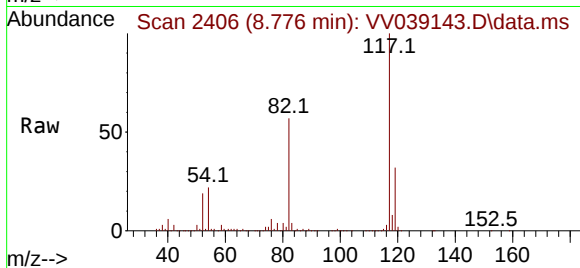




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

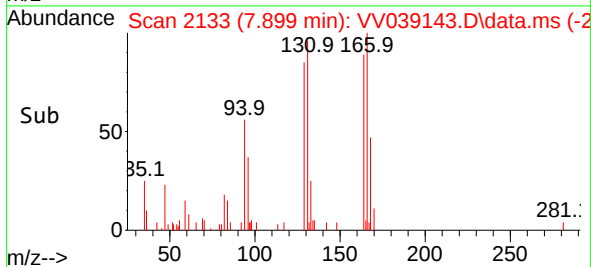
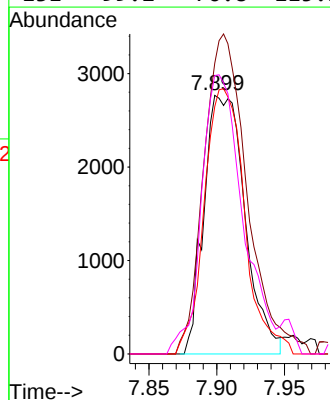
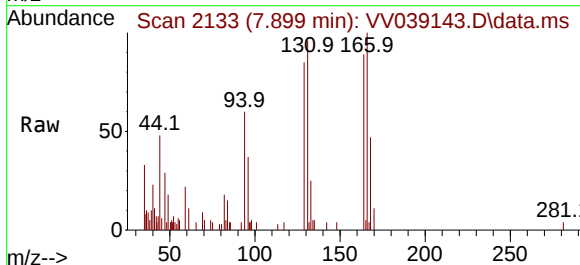
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

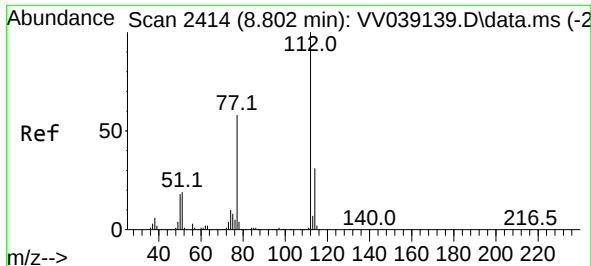
Tgt Ion:117 Resp: 700418
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.2
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 0.991 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion:164 Resp: 5814
Ion Ratio Lower Upper
164 100
166 107.6 101.6 152.4
129 91.4 78.5 117.7
131 99.2 76.8 115.2

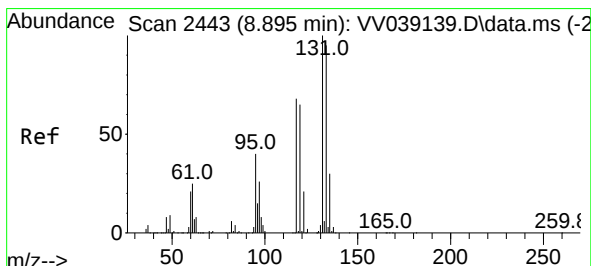
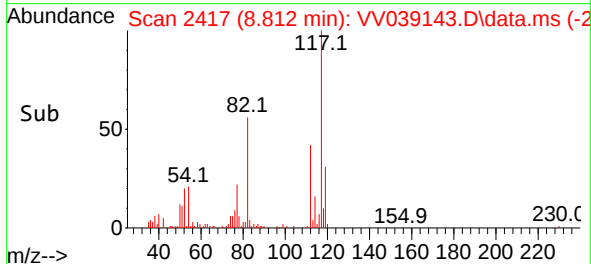
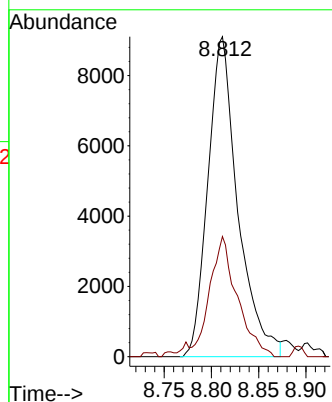
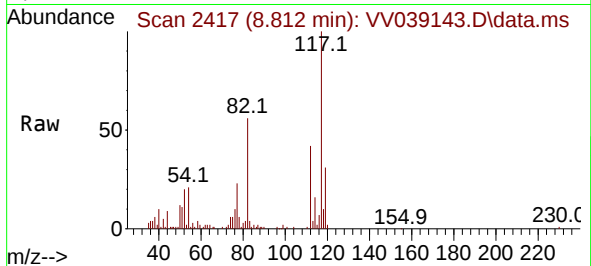




#65
Chlorobenzene
Concen: 1.025 ug/l
RT: 8.812 min Scan# 2414
Delta R.T. 0.010 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

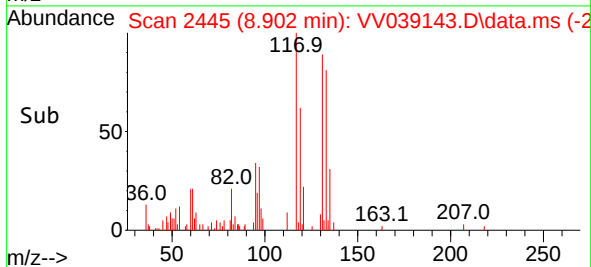
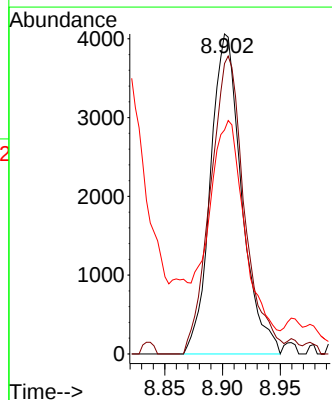
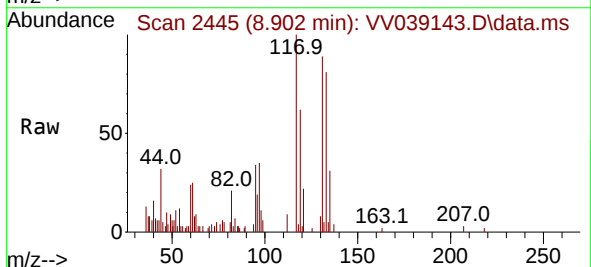
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

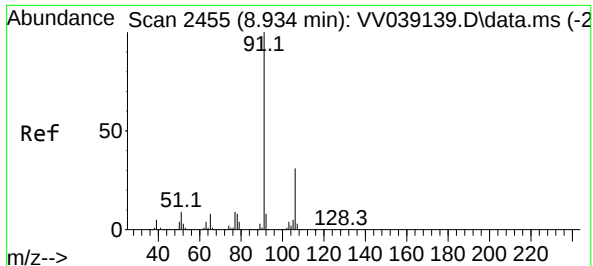
Tgt Ion:112 Resp: 20007
Ion Ratio Lower Upper
112 100
114 37.5 24.6 37.0#



#66
1,1,1,2-Tetrachloroethane
Concen: 1.079 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.006 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion:131 Resp: 7603
Ion Ratio Lower Upper
131 100
133 102.5 47.3 141.8
119 0.0 33.3 99.8#





#67

Ethyl Benzene

Concen: 0.818 ug/l

RT: 8.947 min Scan# 2455

Delta R.T. 0.013 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

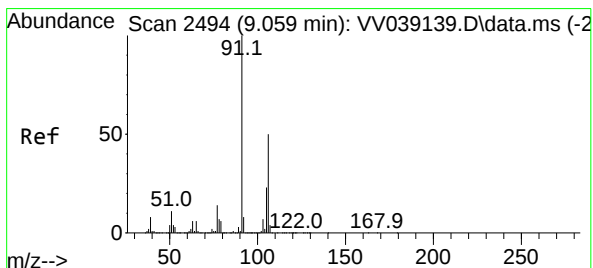
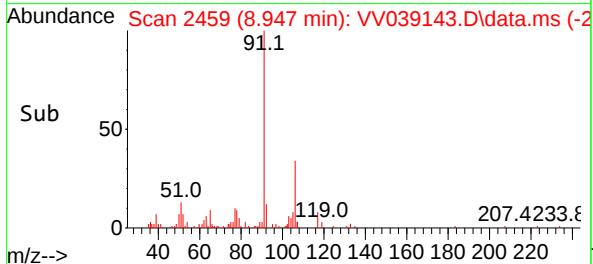
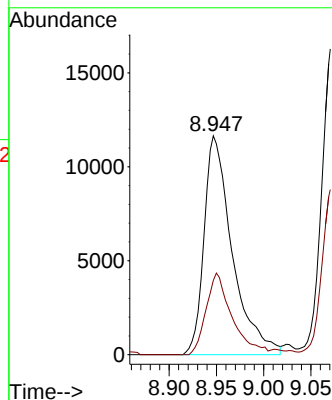
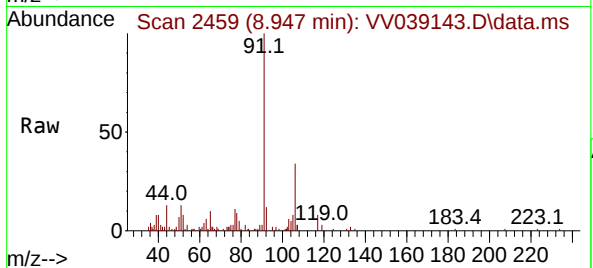
VSTDIC001

Tgt Ion: 91 Resp: 24171

Ion Ratio Lower Upper

91 100

106 33.9 24.6 37.0



#68

m/p-Xylenes

Concen: 1.425 ug/l

RT: 9.072 min Scan# 2498

Delta R.T. 0.013 min

Lab File: VV039143.D

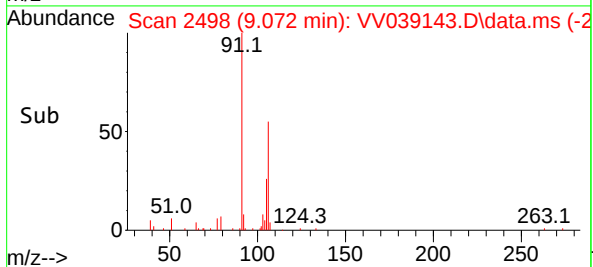
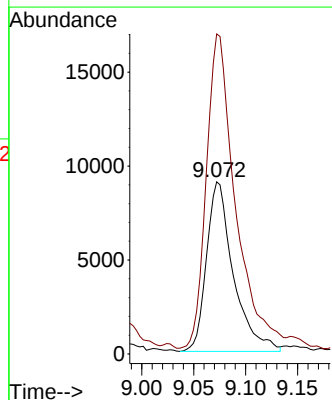
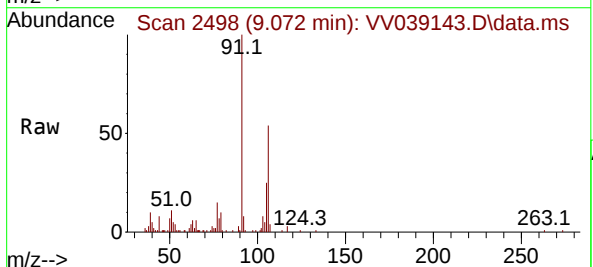
Acq: 22 Sep 2025 16:35

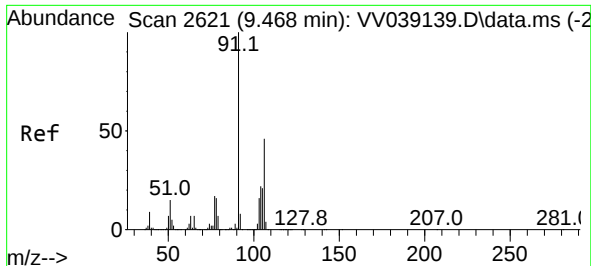
Tgt Ion: 106 Resp: 16239

Ion Ratio Lower Upper

106 100

91 200.5 162.5 243.7

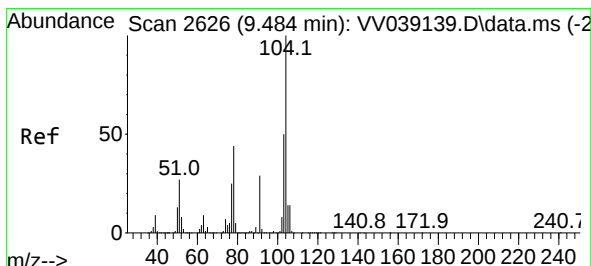
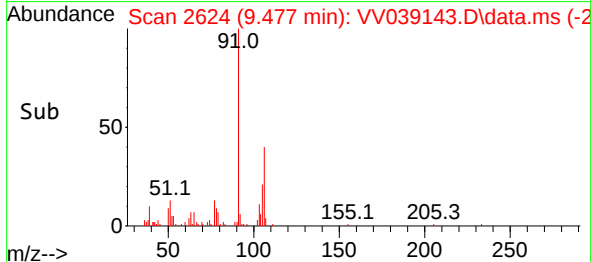
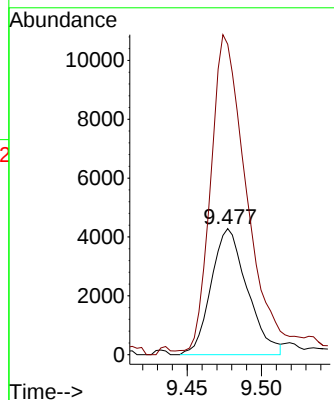
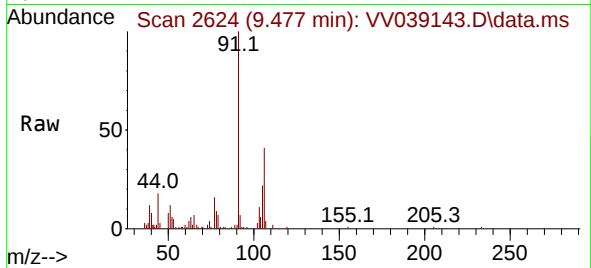




#69
o-Xylene
Concen: 0.718 ug/l
RT: 9.477 min Scan# 2621
Delta R.T. 0.010 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

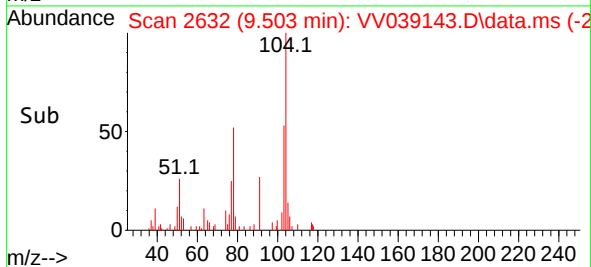
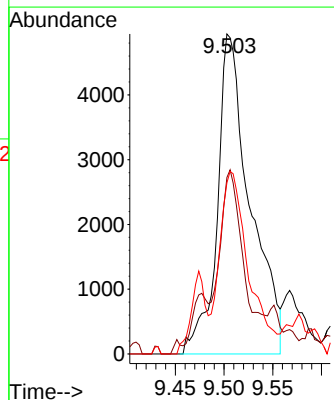
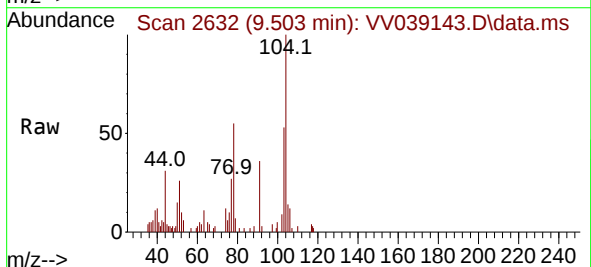
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

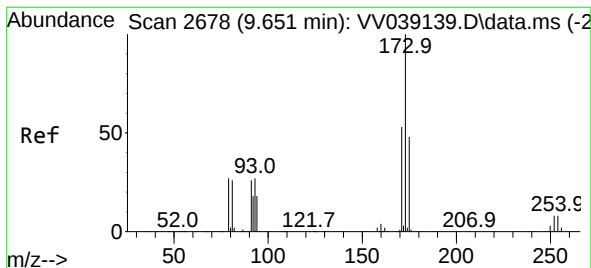
Tgt Ion:106 Resp: 7250
Ion Ratio Lower Upper
106 100
91 252.4 109.1 327.3



#70
Styrene
Concen: 2.083 ug/l
RT: 9.503 min Scan# 2632
Delta R.T. 0.019 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion:104 Resp: 11594
Ion Ratio Lower Upper
104 100
78 31.2 39.8 59.6#
103 43.9 43.4 65.2





#71

Bromoform

Concen: 1.009 ug/l

RT: 9.667 min Scan# 2

Delta R.T. 0.016 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

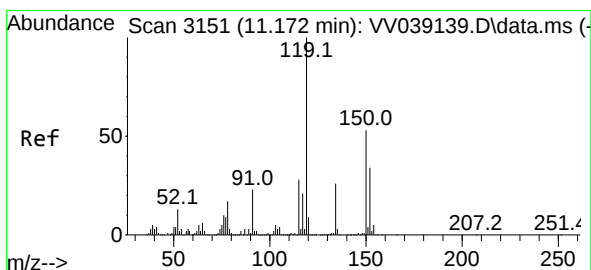
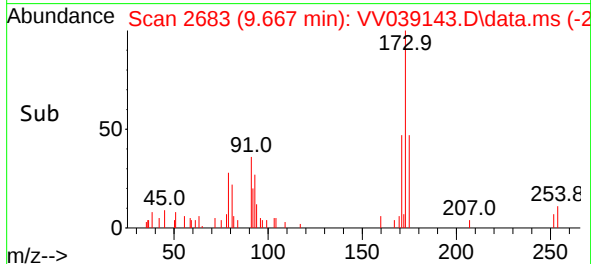
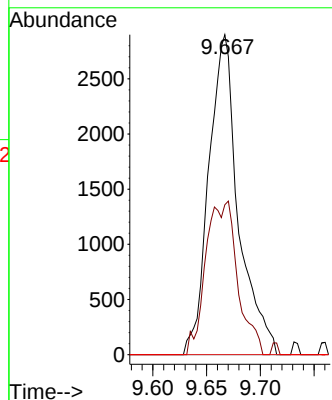
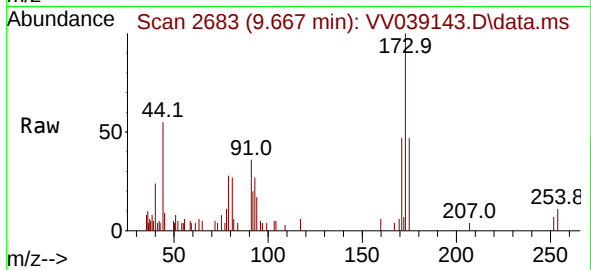
Tgt Ion:173 Resp: 5558

Ion Ratio Lower Upper

173 100

175 51.7 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.175 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

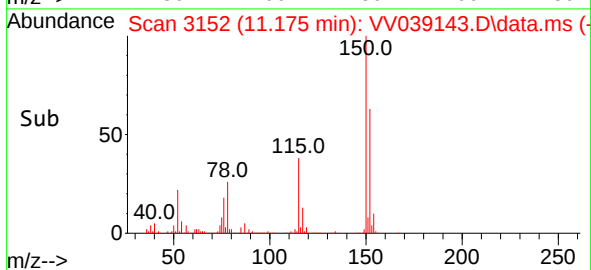
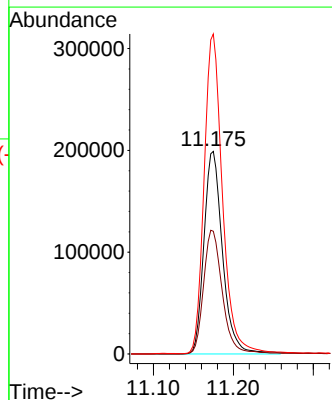
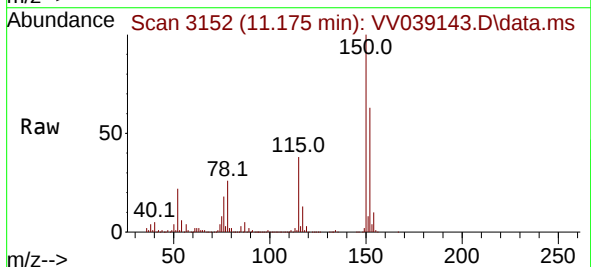
Tgt Ion:152 Resp: 322677

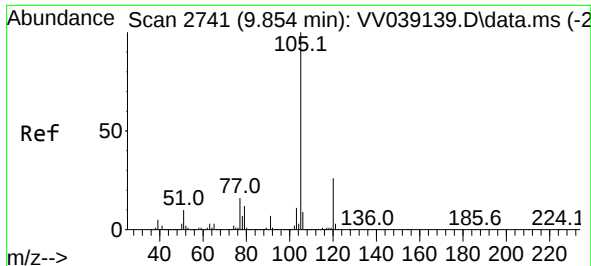
Ion Ratio Lower Upper

152 100

115 61.9 44.8 134.4

150 156.1 0.0 353.8

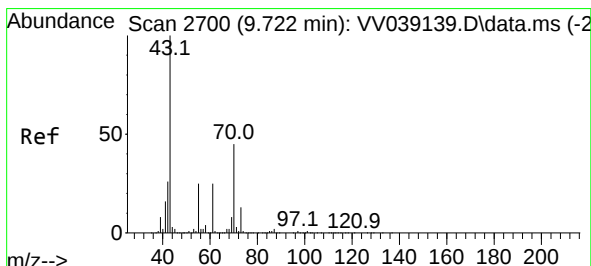
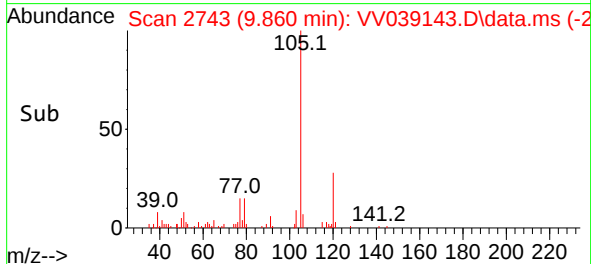
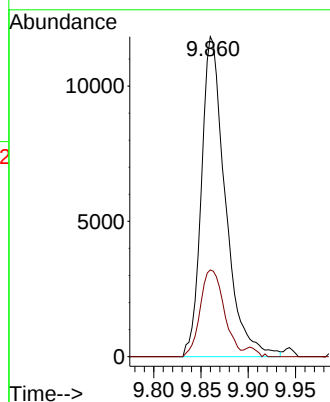
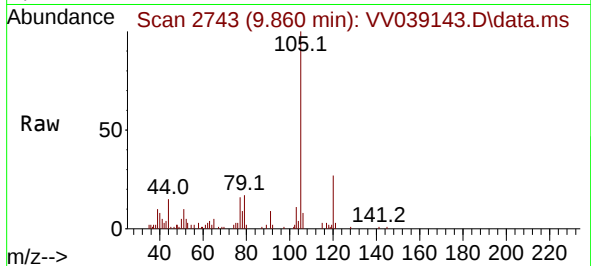




#73
Isopropylbenzene
Concen: 0.890 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

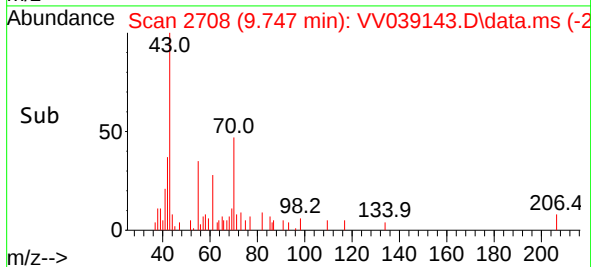
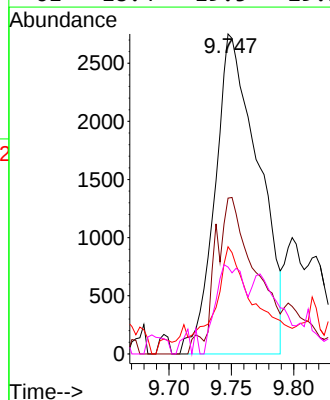
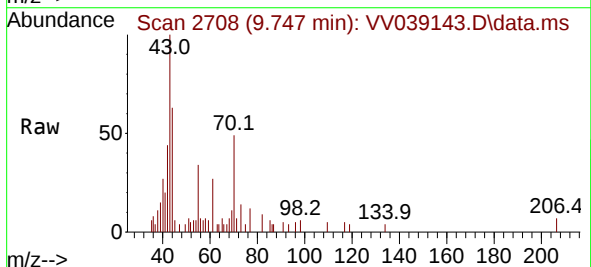
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

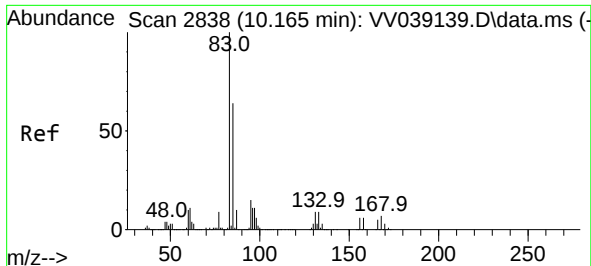
Tgt Ion: 105 Resp: 20820
Ion Ratio Lower Upper
105 100
120 27.0 13.1 39.1



#74
N-ethyl acetate
Concen: 0.713 ug/l
RT: 9.747 min Scan# 2708
Delta R.T. 0.026 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 43 Resp: 6654
Ion Ratio Lower Upper
43 100
70 39.0 35.4 53.0
55 22.6 20.6 30.8
61 18.4 19.5 29.3#

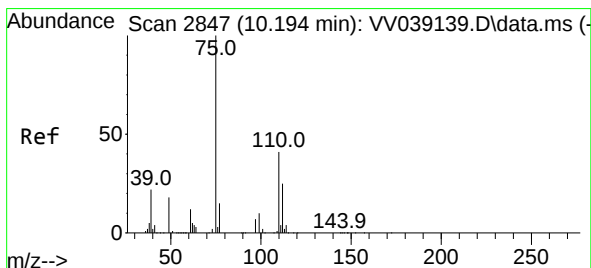
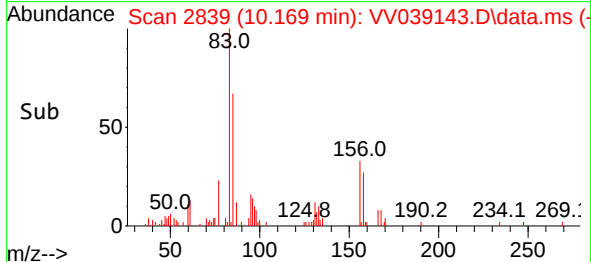
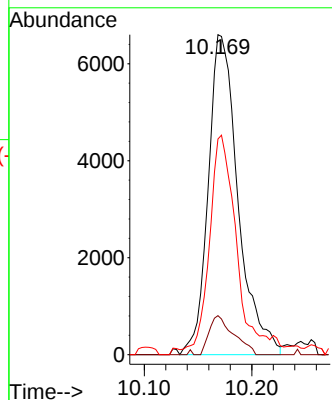
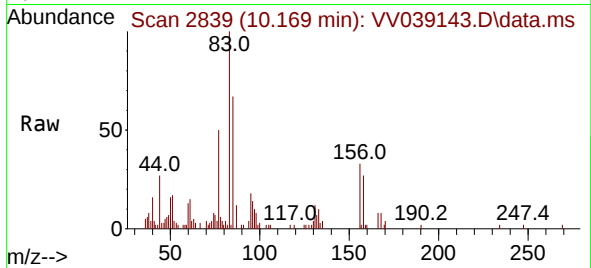




#75
1,1,2,2-Tetrachloroethane
Concen: 1.243 ug/l
RT: 10.169 min Scan# 2838
Delta R.T. 0.003 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

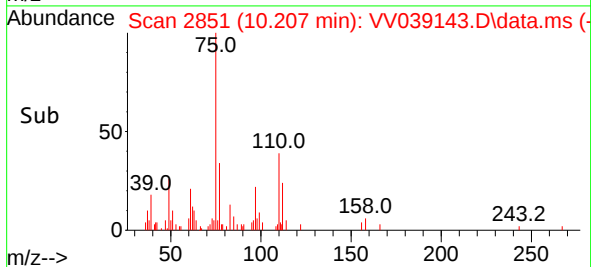
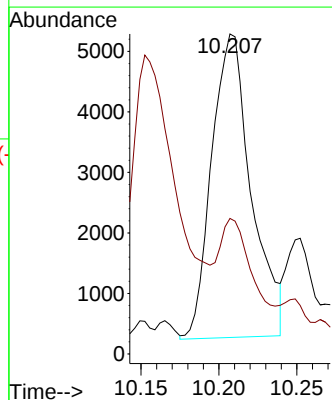
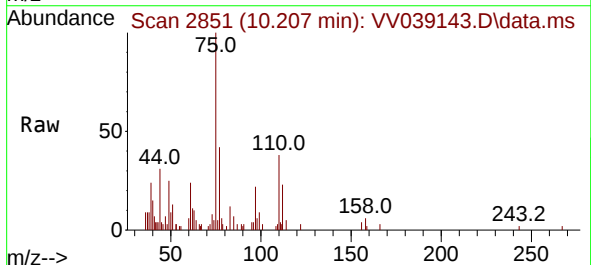
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

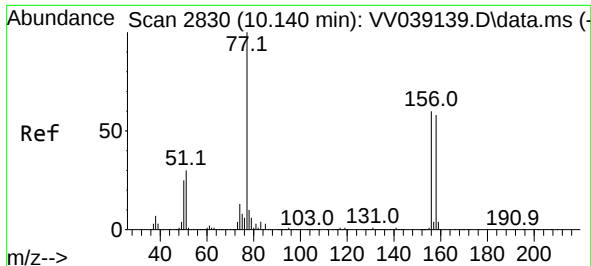
Tgt Ion: 83 Resp: 12746
Ion Ratio Lower Upper
83 100
131 9.9 4.5 13.7
85 59.8 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 1.207 ug/l
RT: 10.207 min Scan# 2851
Delta R.T. 0.013 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 75 Resp: 8871
Ion Ratio Lower Upper
75 100
77 22.5 11.3 33.8

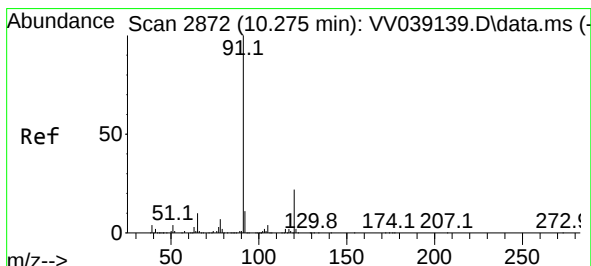
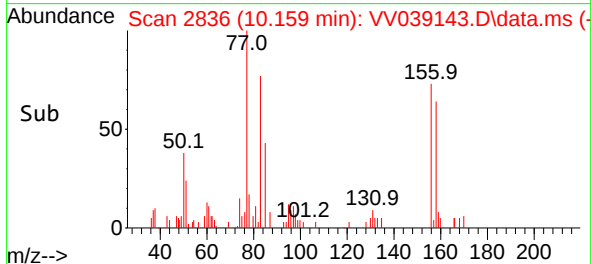
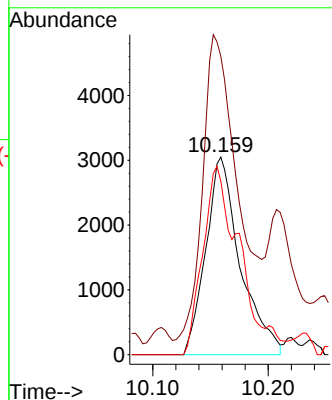
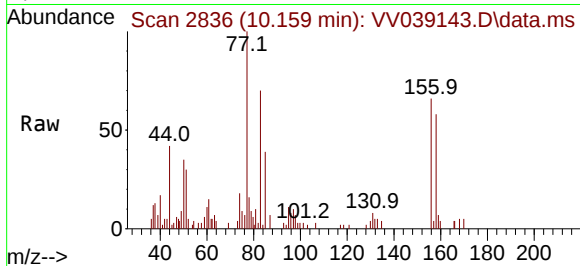




#77
Bromobenzene
Concen: 1.039 ug/l
RT: 10.159 min Scan# 2836
Delta R.T. 0.019 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

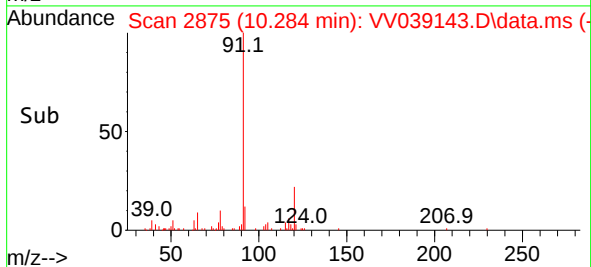
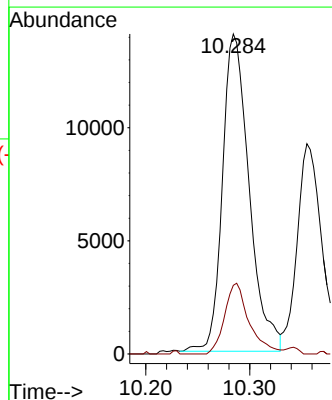
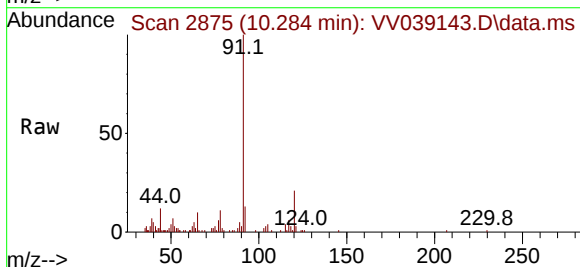
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

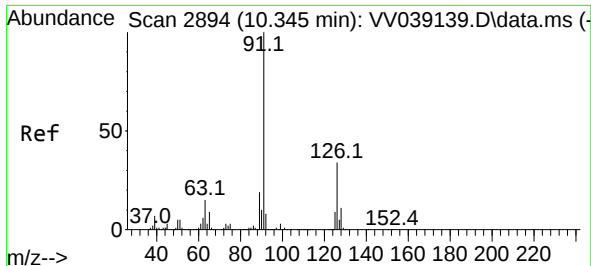
Tgt Ion:156 Resp: 6311
Ion Ratio Lower Upper
156 100
77 155.9 83.4 250.1
158 103.1 48.8 146.4



#78
n-propylbenzene
Concen: 0.877 ug/l
RT: 10.284 min Scan# 2875
Delta R.T. 0.010 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 91 Resp: 24996
Ion Ratio Lower Upper
91 100
120 20.5 11.1 33.3

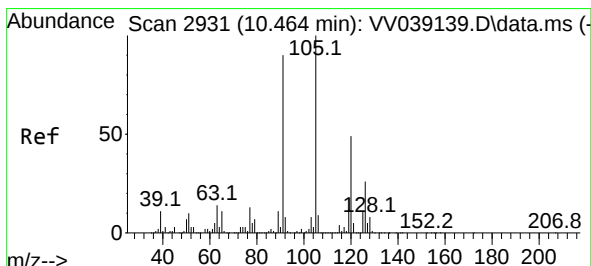
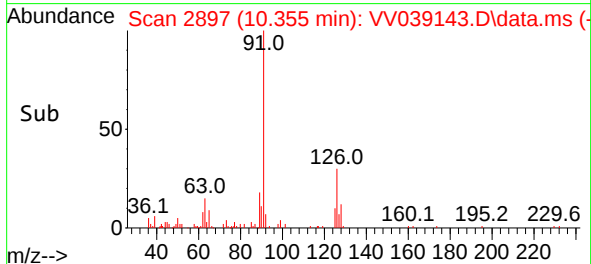
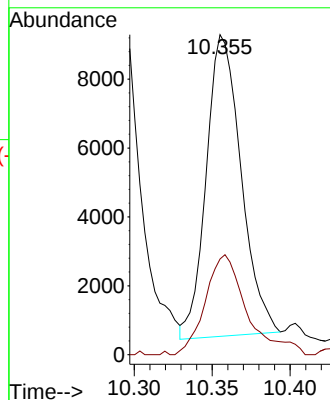
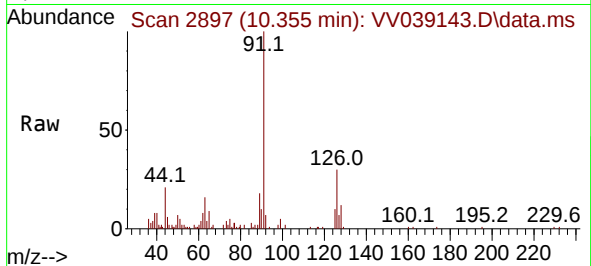




#79
2-Chlorotoluene
Concen: 0.800 ug/l
RT: 10.355 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

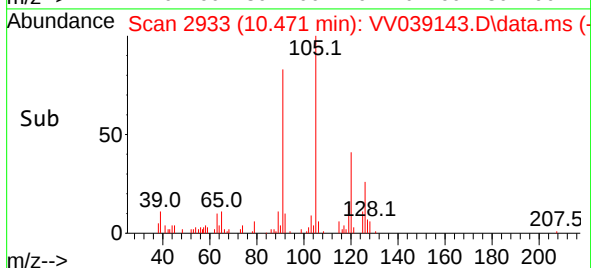
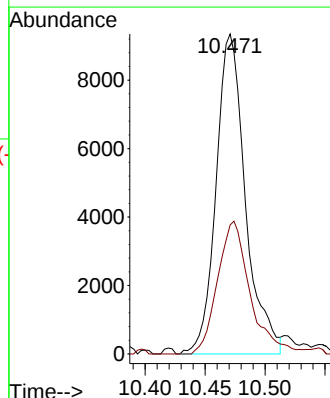
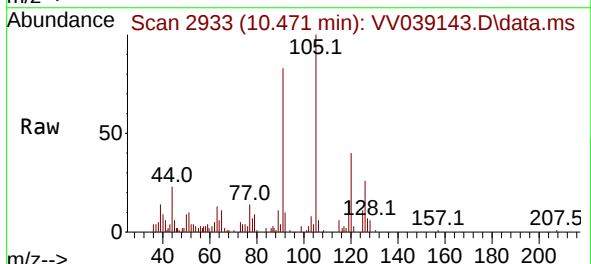
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

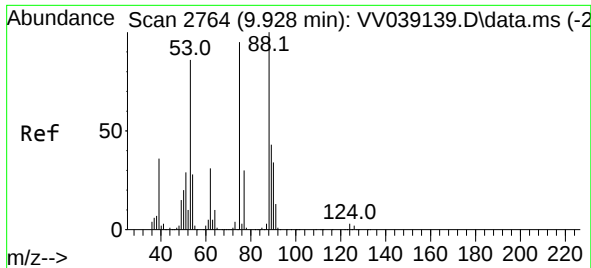
Tgt Ion: 91 Resp: 13640
Ion Ratio Lower Upper
91 100
126 39.3 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 0.817 ug/l
RT: 10.471 min Scan# 2933
Delta R.T. 0.006 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion: 105 Resp: 15886
Ion Ratio Lower Upper
105 100
120 46.1 24.3 72.8

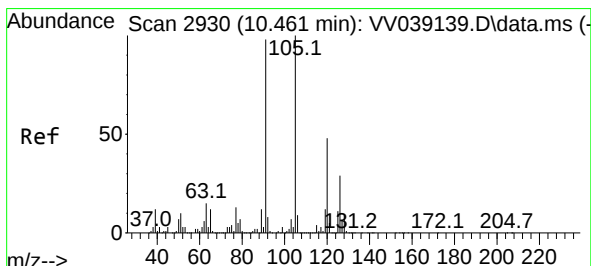
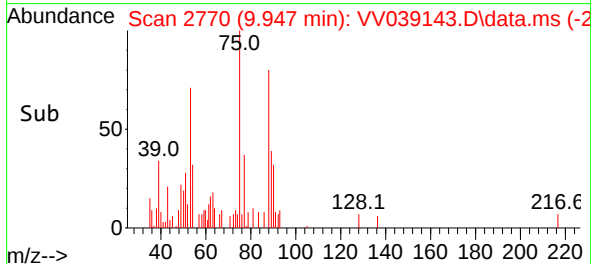
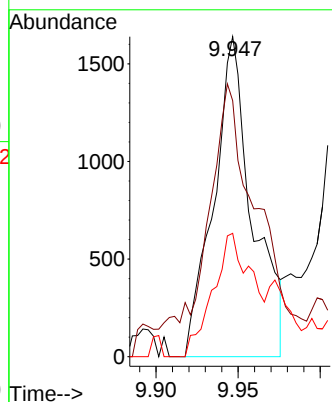
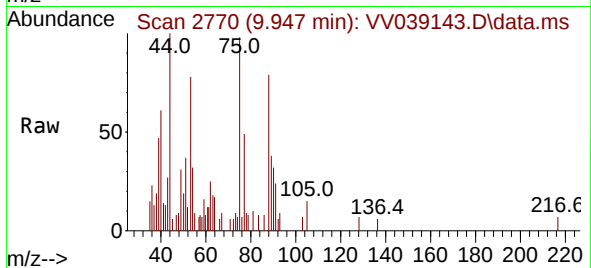




#81
trans-1,4-Dichloro-2-butene
Concen: 0.876 ug/l
RT: 9.947 min Scan# 21
Delta R.T. 0.019 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

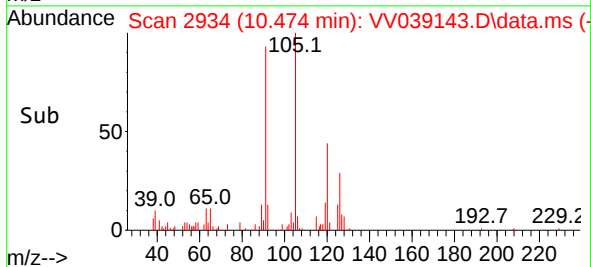
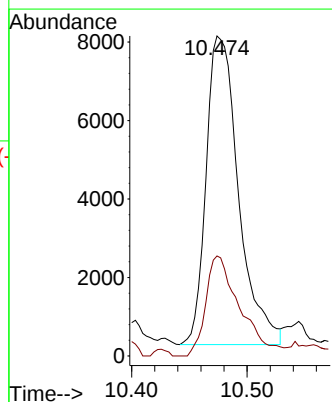
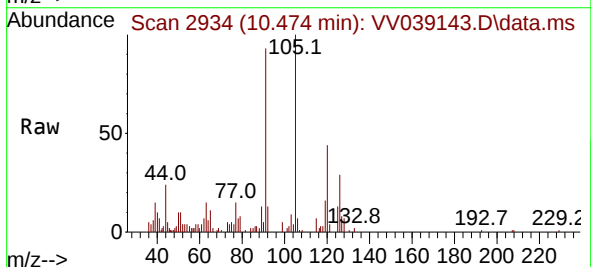
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

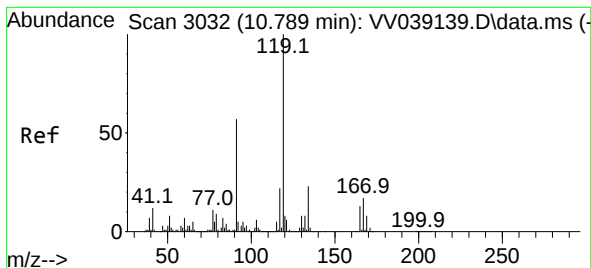
Tgt Ion:	75	Resp:	2682
Ion	Ratio	Lower	Upper
75	100		
53	88.3	72.5	108.7
89	39.1	37.2	55.8



#82
4-Chlorotoluene
Concen: 0.777 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.013 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion:	91	Resp:	15363
Ion	Ratio	Lower	Upper
91	100		
126	34.2	14.5	43.6





#83

tert-Butylbenzene

Concen: 0.956 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

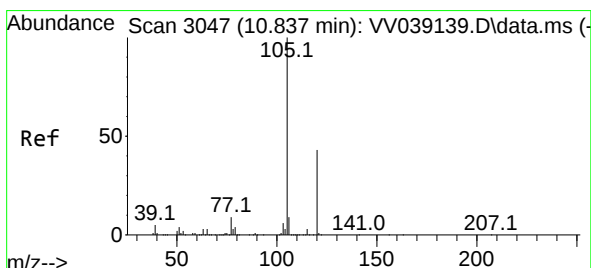
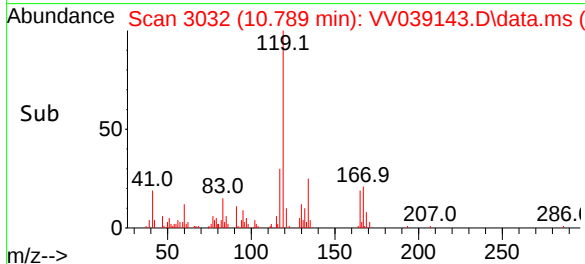
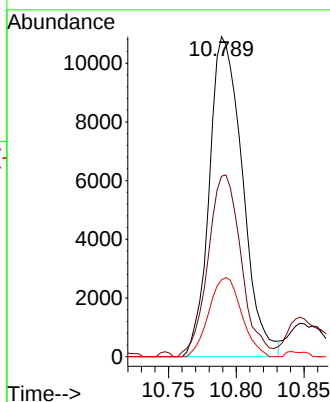
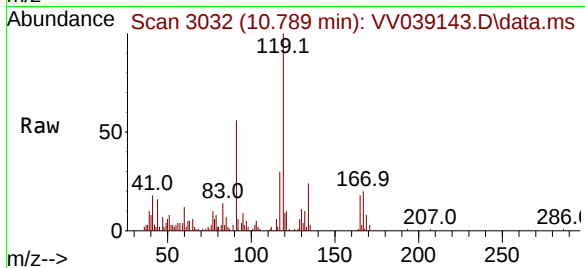
Tgt Ion:119 Resp: 18552

Ion Ratio Lower Upper

119 100

91 56.8 28.5 85.6

134 24.3 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 0.797 ug/l

RT: 10.847 min Scan# 3050

Delta R.T. 0.010 min

Lab File: VV039143.D

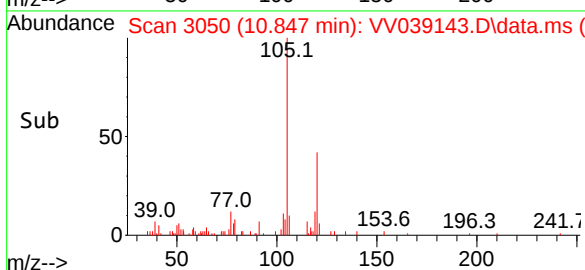
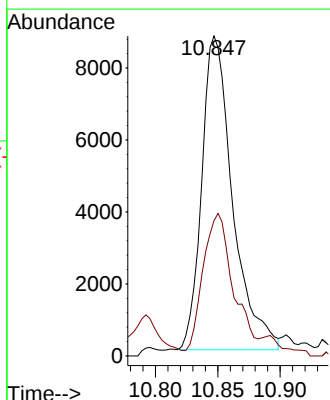
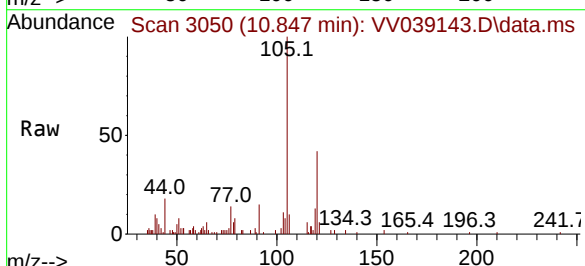
Acq: 22 Sep 2025 16:35

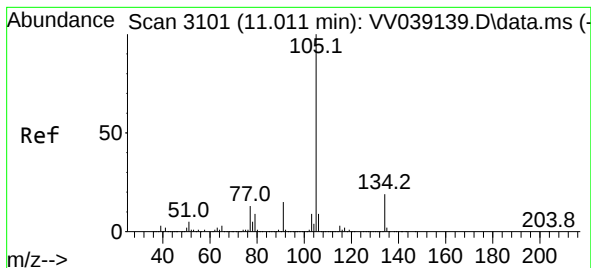
Tgt Ion:105 Resp: 15048

Ion Ratio Lower Upper

105 100

120 41.8 22.4 67.2





#85

sec-Butylbenzene

Concen: 0.904 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

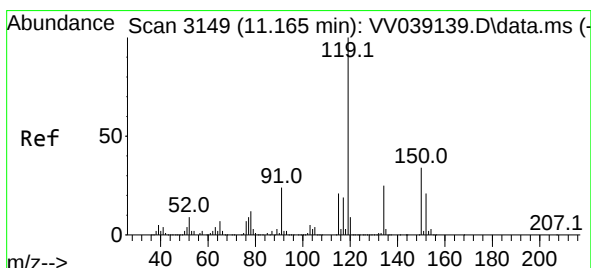
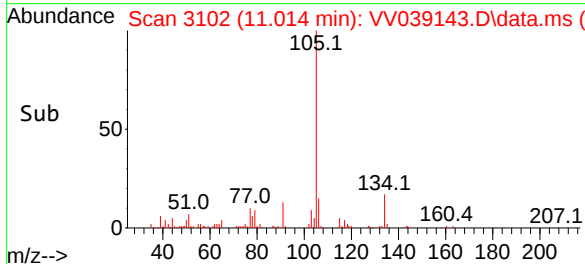
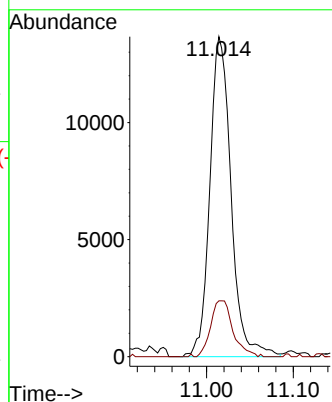
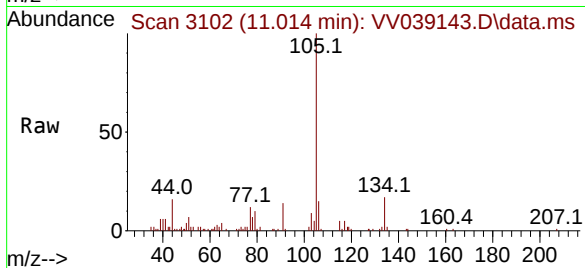
VSTDIC001

Tgt Ion:105 Resp: 23268

Ion Ratio Lower Upper

105 100

134 18.3 9.6 28.8



#86

p-Isopropyltoluene

Concen: 0.866 ug/l

RT: 11.168 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

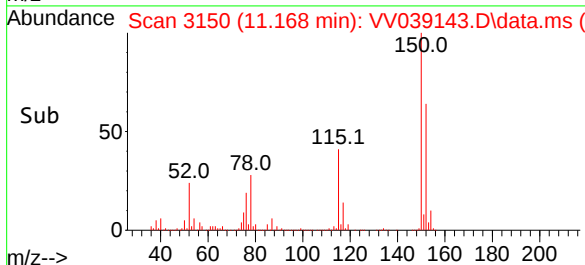
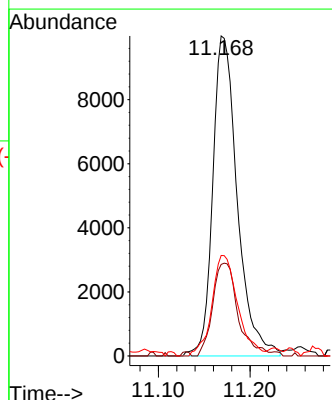
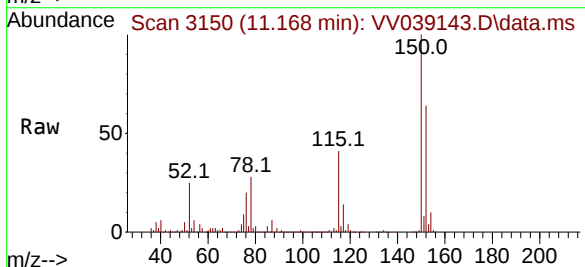
Tgt Ion:119 Resp: 18549

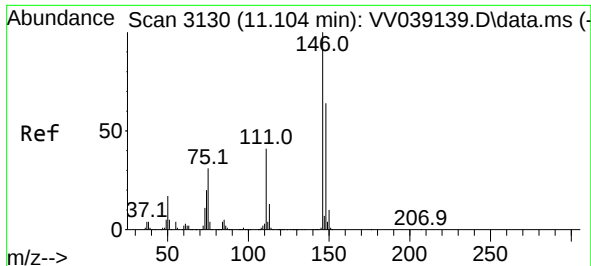
Ion Ratio Lower Upper

119 100

134 29.9 12.7 38.0

91 33.1 12.0 36.1

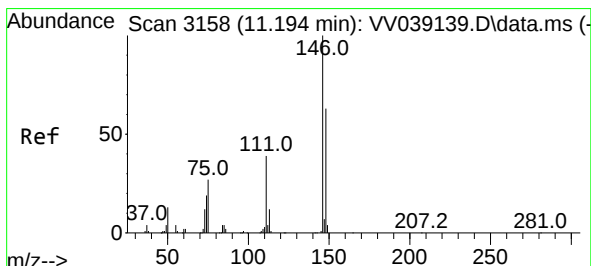
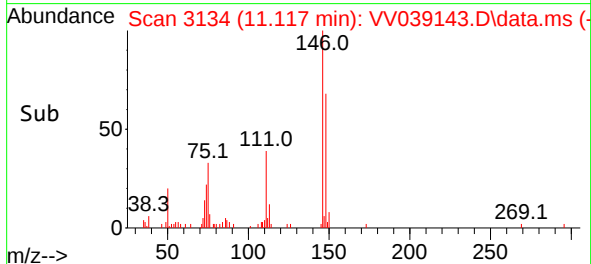
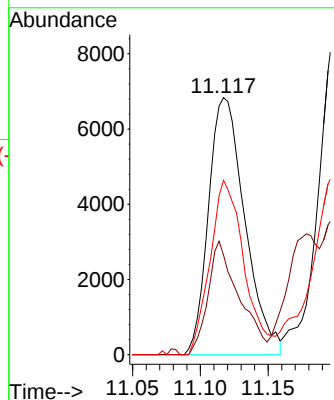
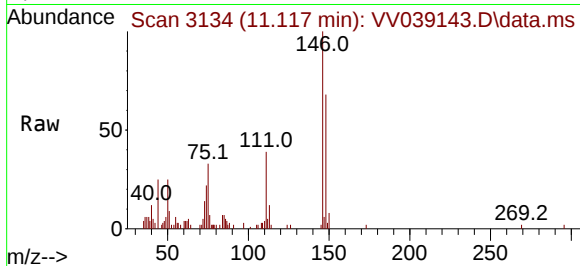




#87
1,3-Dichlorobenzene
Concen: 1.037 ug/l
RT: 11.117 min Scan# 3134
Delta R.T. 0.013 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

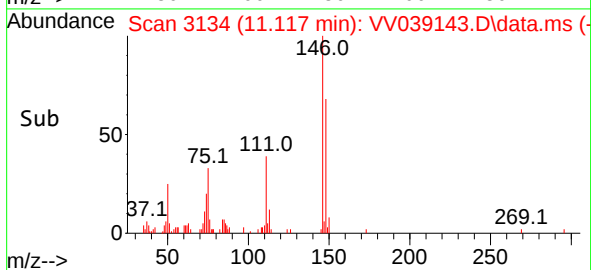
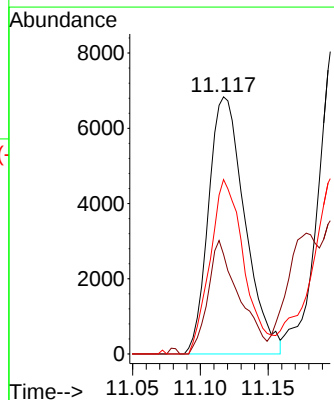
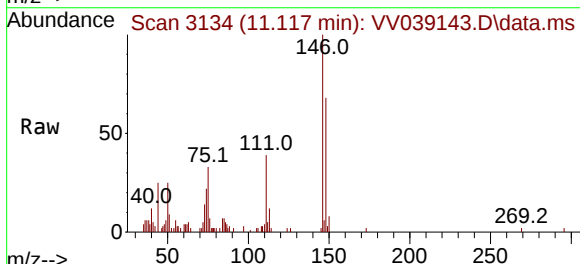
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

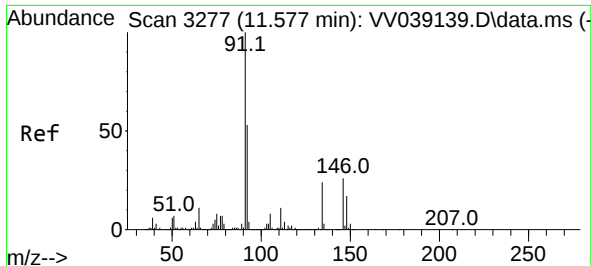
Tgt Ion:146 Resp: 12747
Ion Ratio Lower Upper
146 100
111 38.0 20.9 62.8
148 64.1 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 0.939 ug/l
RT: 11.117 min Scan# 3134
Delta R.T. -0.077 min
Lab File: VV039143.D
Acq: 22 Sep 2025 16:35

Tgt Ion:146 Resp: 12747
Ion Ratio Lower Upper
146 100
111 38.0 20.3 60.8
148 64.1 31.4 94.2





#89

n-Butylbenzene

Concen: 0.835 ug/l

RT: 11.586 min Scan# 31

Delta R.T. 0.009 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

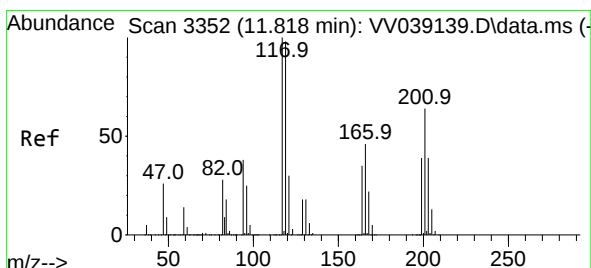
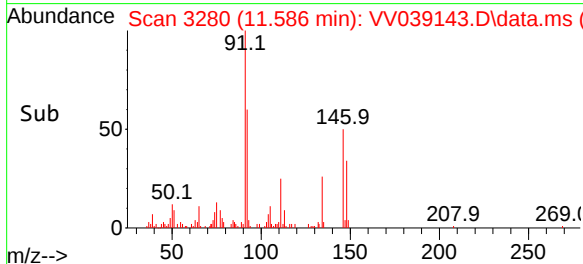
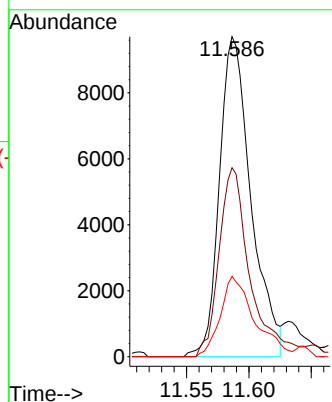
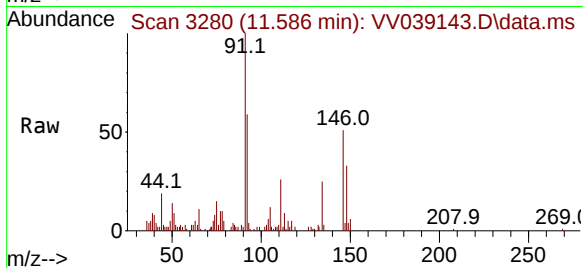
Tgt Ion: 91 Resp: 17079

Ion Ratio Lower Upper

91 100

92 57.8 26.6 79.8

134 27.3 12.1 36.3



#90

Hexachloroethane

Concen: 1.277 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. -0.000 min

Lab File: VV039143.D

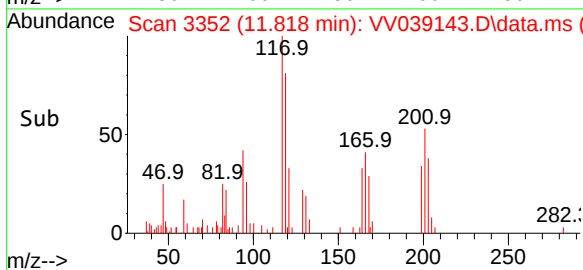
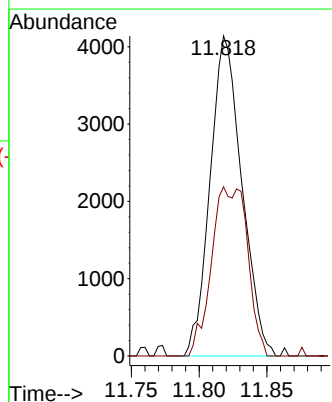
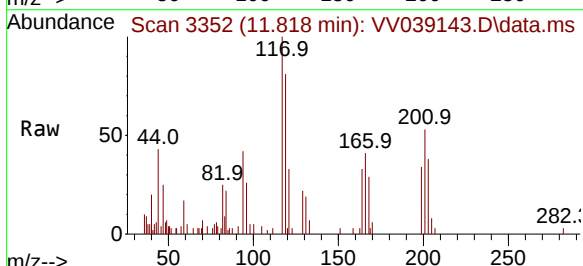
Acq: 22 Sep 2025 16:35

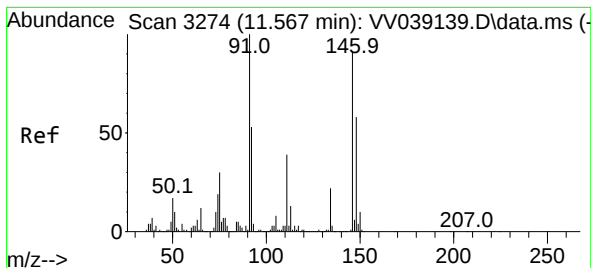
Tgt Ion: 117 Resp: 6736

Ion Ratio Lower Upper

117 100

201 60.0 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 1.088 ug/l

RT: 11.577 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

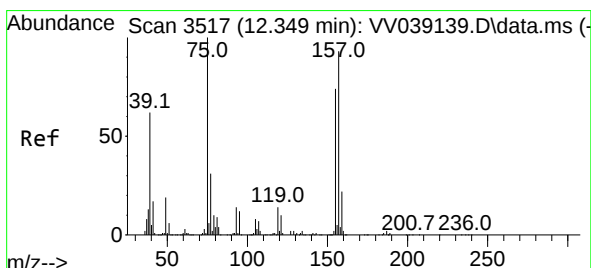
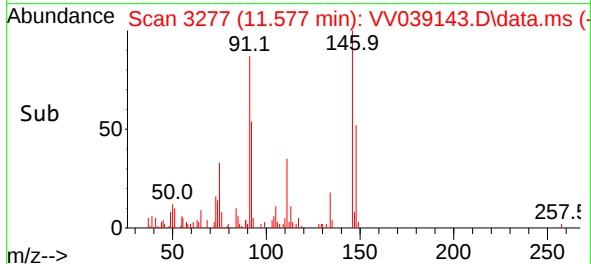
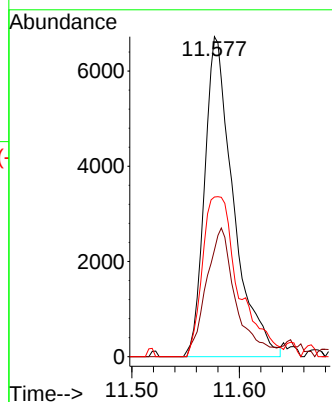
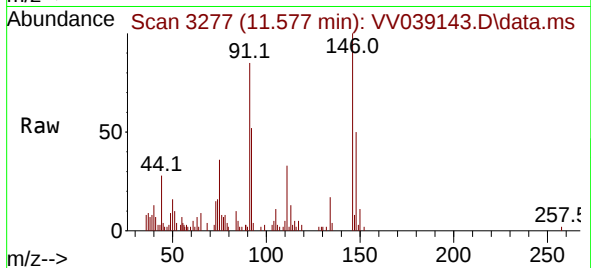
Tgt Ion:146 Resp: 12486

Ion Ratio Lower Upper

146 100

111 41.4 21.5 64.5

148 63.0 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.690 ug/l

RT: 12.361 min Scan# 3521

Delta R.T. 0.012 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

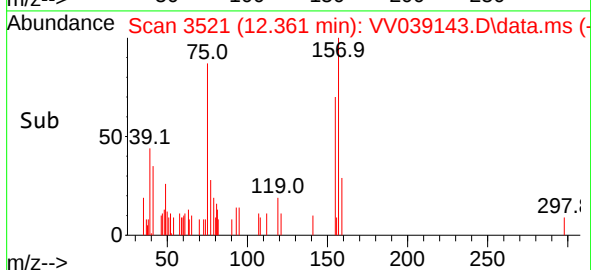
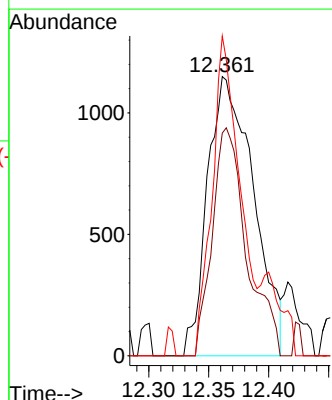
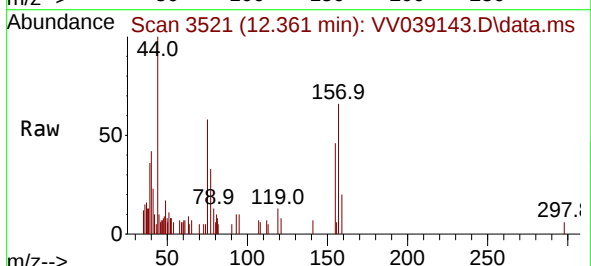
Tgt Ion: 75 Resp: 3071

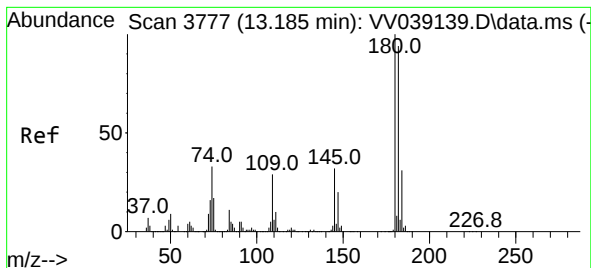
Ion Ratio Lower Upper

75 100

155 60.9 38.6 115.8

157 68.7 49.5 148.3





#93

1,2,4-Trichlorobenzene

Concen: 1.008 ug/l

RT: 13.197 min Scan# 3777

Delta R.T. 0.012 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

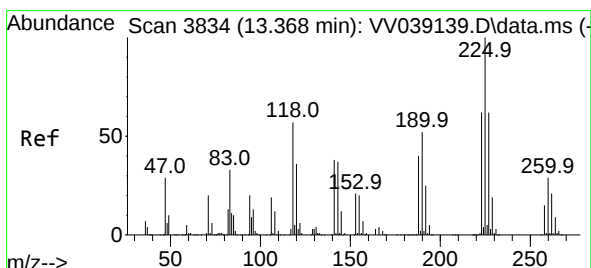
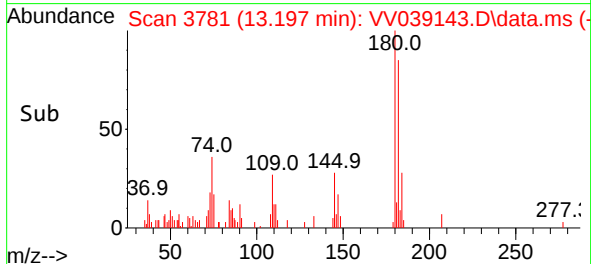
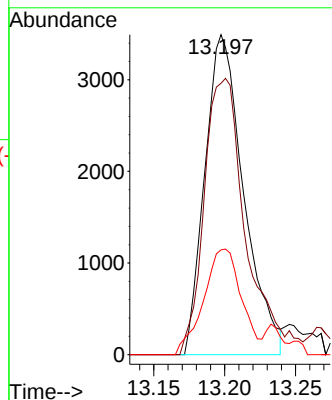
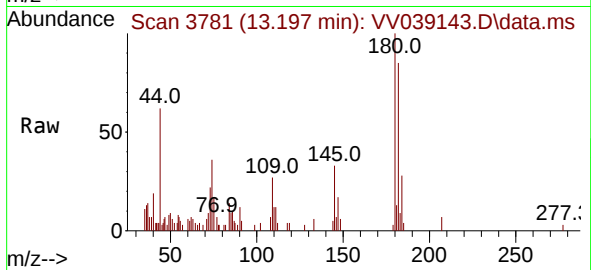
Tgt Ion:180 Resp: 6637

Ion Ratio Lower Upper

180 100

182 92.8 47.1 141.4

145 32.5 16.3 48.8



#94

Hexachlorobutadiene

Concen: 1.288 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

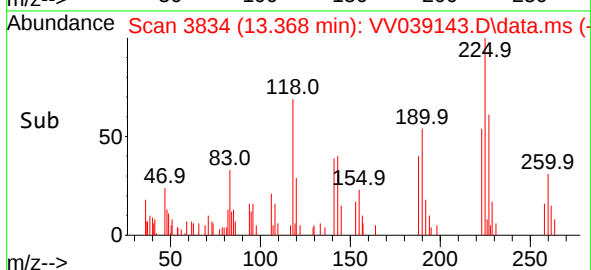
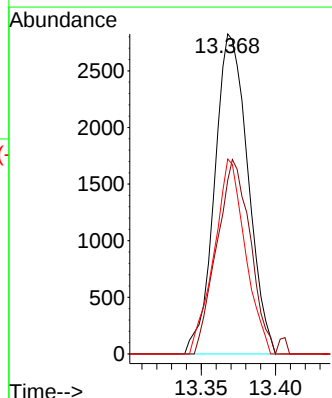
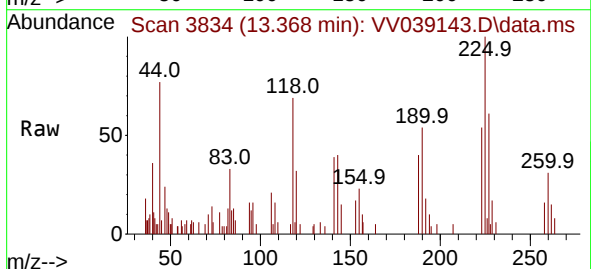
Tgt Ion:225 Resp: 4406

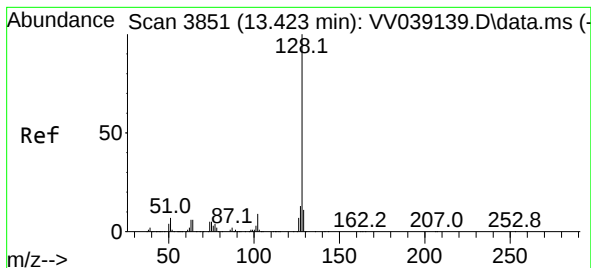
Ion Ratio Lower Upper

225 100

223 61.1 31.6 94.7

227 57.1 31.8 95.4





#95

Naphthalene

Concen: 0.048 ug/l

RT: 13.522 min Scan# 3930

Delta R.T. 0.099 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

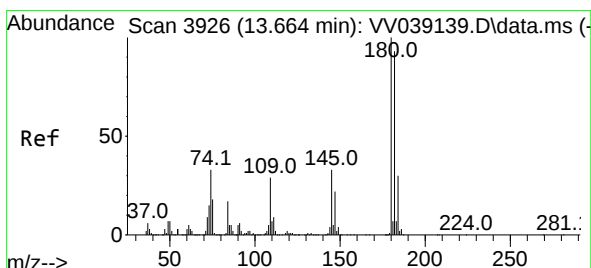
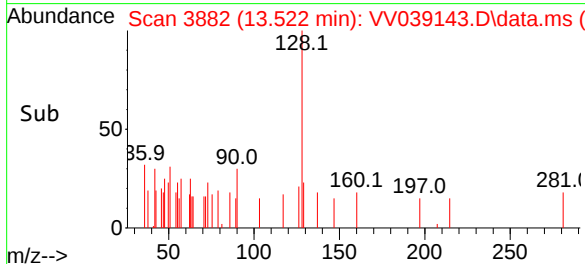
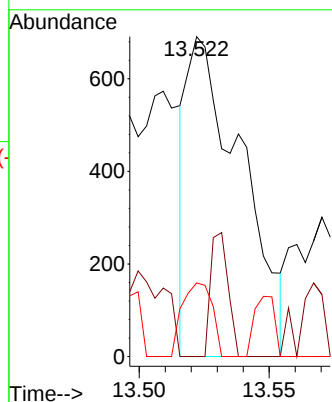
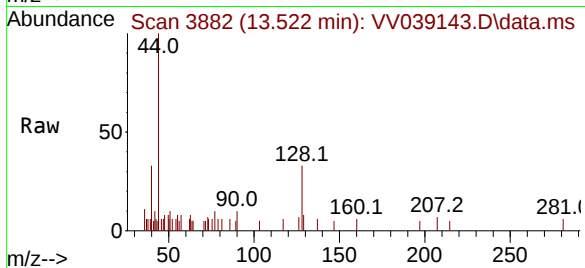
Tgt Ion:128 Resp: 1012

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 12.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.067 ug/l

RT: 13.676 min Scan# 3930

Delta R.T. 0.013 min

Lab File: VV039143.D

Acq: 22 Sep 2025 16:35

Tgt Ion:180 Resp: 7184

Ion Ratio Lower Upper

180 100

182 91.3 46.9 140.8

145 31.6 17.0 51.0

