

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092225\
 Data File : VV039135.D
 Acq On : 22 Sep 2025 10:59
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Quant Time: Sep 24 07:19:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V092225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 07:14:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.597	168	416626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	742784	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	705408	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	316781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.957	65	11014	1.827	ug/l	0.02
Spiked Amount	50.000	Range	81 - 118	Recovery	=	3.660%#
35) Dibromofluoromethane	4.519	113	8061	1.350	ug/l	0.02
Spiked Amount	50.000	Range	80 - 119	Recovery	=	2.700%#
50) Toluene-d8	7.249	98	20802	1.186	ug/l	0.02
Spiked Amount	50.000	Range	89 - 112	Recovery	=	2.380%#
62) 4-Bromofluorobenzene	10.018	95	5735	0.794	ug/l	0.02
Spiked Amount	50.000	Range	85 - 114	Recovery	=	1.580%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.121	85	6372	0.966	ug/l	96
3) Chloromethane	1.230	50	6721	0.949	ug/l	99
4) Vinyl Chloride	1.298	62	7845	1.035	ug/l #	88
5) Bromomethane	1.500	94	6072	1.271	ug/l	96
6) Chloroethane	1.561	64	4323	Below Cal	#	85
7) Trichlorofluoromethane	1.728	101	10770	0.981	ug/l	90
8) Diethyl Ether	1.921	74	4232	1.039	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.082	101	6835	1.047	ug/l	96
10) Methyl Iodide	2.198	142	4728	0.760	ug/l	93
11) Tert butyl alcohol	2.561	59	2115	1.660	ug/l #	64
12) 1,1-Dichloroethene	2.082	96	6133	0.976	ug/l	95
13) Acrolein	2.011	56	5417	24.496	ug/l	99
14) Allyl chloride	2.362	41	11318	1.009	ug/l	96
15) Acrylonitrile	2.687	53	18255	4.468	ug/l	94
16) Acetone	2.121	43	27266	2.612	ug/l	95
17) Carbon Disulfide	2.253	76	17786	0.926	ug/l	97
18) Methyl Acetate	2.384	43	9805	1.097	ug/l #	82
19) Methyl tert-butyl Ether	2.716	73	19368	0.968	ug/l	96
20) Methylene Chloride	2.455	84	8927	Below Cal		95
21) trans-1,2-Dichloroethene	2.706	96	7273	1.088	ug/l	90
22) Diisopropyl ether	3.217	45	17081	0.796	ug/l #	12
23) Vinyl Acetate	3.201	43	72979	3.886	ug/l	97
24) 1,1-Dichloroethane	3.114	63	13138	1.001	ug/l	99
25) 2-Butanone	3.912	43	6232	1.313	ug/l	92
26) 2,2-Dichloropropane	3.818	77	11095	0.957	ug/l	91
27) cis-1,2-Dichloroethene	3.831	96	3325	0.451	ug/l #	1
28) Bromochloromethane	4.153	49	4980	0.859	ug/l #	50
29) Tetrahydrofuran	4.259	42	8507	2.815	ug/l #	49
30) Chloroform	4.285	83	14131	1.031	ug/l	89
31) Cyclohexane	4.597	56	14486	1.347	ug/l #	10
32) 1,1,1-Trichloroethane	4.519	97	12068	1.017	ug/l #	52
36) 1,1-Dichloropropene	4.757	75	5227	0.575	ug/l	90
37) Ethyl Acetate	4.021	43	591	0.053	ug/l #	1
38) Carbon Tetrachloride	4.732	117	8517	0.778	ug/l #	83
39) Methylcyclohexane	6.040	83	8475	0.777	ug/l	97
40) Benzene	5.024	78	23865	0.812	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.162	41	153	1.924	ug/l #	42
42) 1,2-Dichloroethane	5.056	62	8748	0.849	ug/l	84
43) Isopropyl Acetate	5.217	43	8594	0.559	ug/l #	67
44) Trichloroethene	5.844	130	6128	0.903	ug/l	76
45) 1,2-Dichloropropane	6.105	63	6471	0.886	ug/l #	89
46) Dibromomethane	6.243	93	5217	0.933	ug/l #	80
47) Bromodichloromethane	6.439	83	10459	0.905	ug/l	95
48) Methyl methacrylate	6.294	41	158	0.022	ug/l #	30
49) 1,4-Dioxane	6.275	88	189	1.710	ug/l #	34
51) 4-Methyl-2-Pentanone	7.162	43	26605	2.707	ug/l	94
52) Toluene	7.326	92	10927	0.641	ug/l	90
53) t-1,3-Dichloropropene	7.600	75	7644	0.759	ug/l	91
54) cis-1,3-Dichloropropene	6.973	75	6834	0.614	ug/l	97
55) 1,1,2-Trichloroethane	7.770	97	6272	0.821	ug/l	94
56) Ethyl methacrylate	7.741	69	3954	0.436	ug/l #	78
57) 1,3-Dichloropropane	7.947	76	8786	0.728	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.844	63	11537	11.557	ug/l #	68
59) 2-Hexanone	8.092	43	18024	4.413	ug/l	72
60) Dibromochloromethane	8.172	129	7664	0.880	ug/l	91
61) 1,2-Dibromoethane	8.288	107	5949	0.761	ug/l	94
64) Tetrachloroethene	7.895	164	4712	0.798	ug/l #	83
65) Chlorobenzene	8.815	112	16905	0.860	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	6292	0.886	ug/l #	60
67) Ethyl Benzene	8.944	91	20274	0.682	ug/l	100
68) m/p-Xylenes	9.069	106	13871	1.208	ug/l	97
69) o-Xylene	9.474	106	6879	0.677	ug/l	90
70) Styrene	9.506	104	9521	1.987	ug/l #	75
71) Bromoform	9.664	173	5118	0.923	ug/l #	96
73) Isopropylbenzene	9.860	105	17139	0.746	ug/l	96
74) N-amyl acetate	9.751	43	4453	0.486	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	10.172	83	10638	1.057	ug/l	98
76) 1,2,3-Trichloropropane	10.204	75	5743	0.796	ug/l #	71
77) Bromobenzene	10.156	156	4905	0.823	ug/l	92
78) n-propylbenzene	10.284	91	20136	0.720	ug/l	94
79) 2-Chlorotoluene	10.355	91	12517	0.748	ug/l	95
80) 1,3,5-Trimethylbenzene	10.468	105	12411	0.650	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.944	75	1979	0.659	ug/l #	82
82) 4-Chlorotoluene	10.474	91	11945	0.615	ug/l	84
83) tert-Butylbenzene	10.792	119	14677	0.771	ug/l	98
84) 1,2,4-Trimethylbenzene	10.847	105	12942	0.698	ug/l	97
85) sec-Butylbenzene	11.014	105	16074	0.636	ug/l	98
86) p-Isopropyltoluene	11.172	119	14591	0.694	ug/l	92
87) 1,3-Dichlorobenzene	11.117	146	10108	0.838	ug/l	98
88) 1,4-Dichlorobenzene	11.117	146	10108	0.758	ug/l	98
89) n-Butylbenzene	11.587	91	14370	0.716	ug/l	97
90) Hexachloroethane	11.825	117	5421	1.047	ug/l	92
91) 1,2-Dichlorobenzene	11.577	146	10293	0.913	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	12.358	75	2263	0.235	ug/l	78
93) 1,2,4-Trichlorobenzene	13.201	180	4950	0.766	ug/l	93
94) Hexachlorobutadiene	13.371	225	3123	0.930	ug/l	97
95) Naphthalene	13.439	128	14176	0.682	ug/l	94
96) 1,2,3-Trichlorobenzene	13.677	180	5223	0.790	ug/l	97

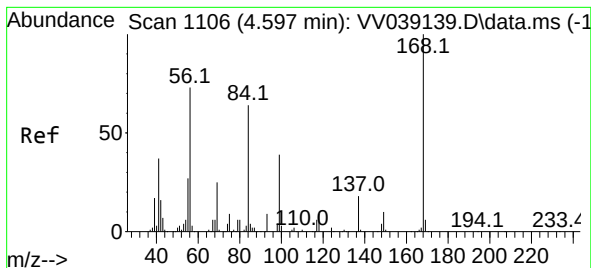
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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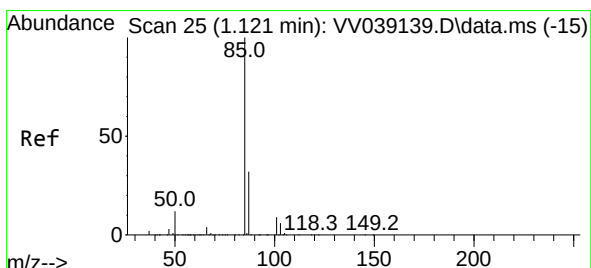
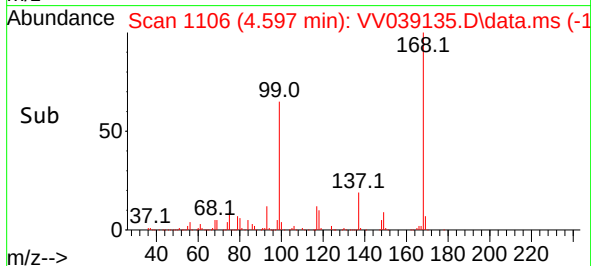
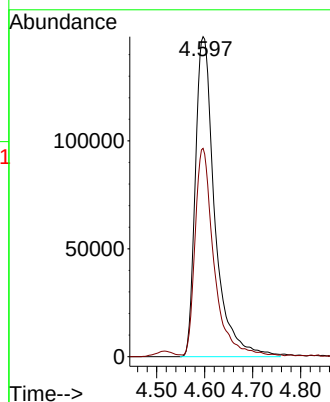
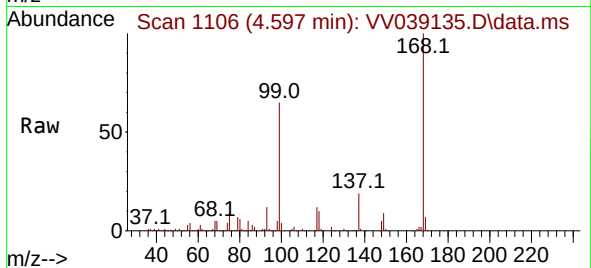
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.597 min Scan# 1106
Delta R.T. -0.000 min
Lab File: VV039135.D
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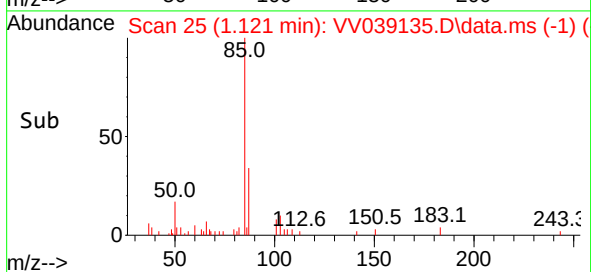
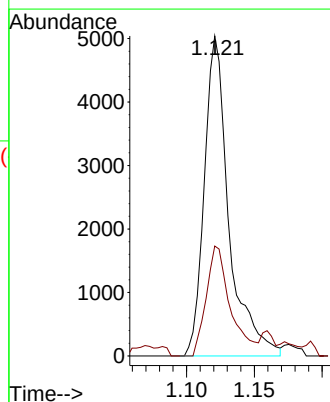
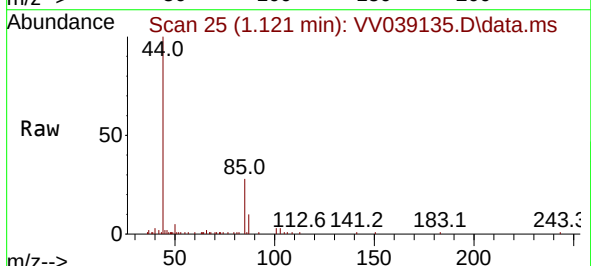
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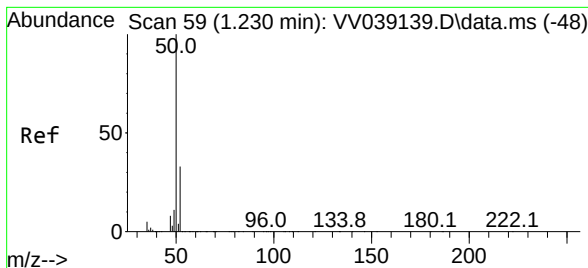
Tgt Ion:168 Resp: 416626
Ion Ratio Lower Upper
168 100
99 64.6 49.6 74.4



#2
Dichlorodifluoromethane
Concen: 0.966 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 85 Resp: 6372
Ion Ratio Lower Upper
85 100
87 34.3 16.0 47.9





#3

Chloromethane

Concen: 0.949 ug/l

RT: 1.230 min Scan# 59

Delta R.T. 0.000 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

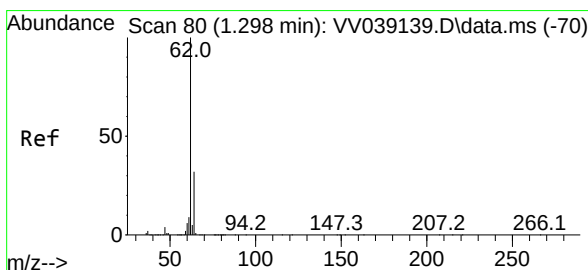
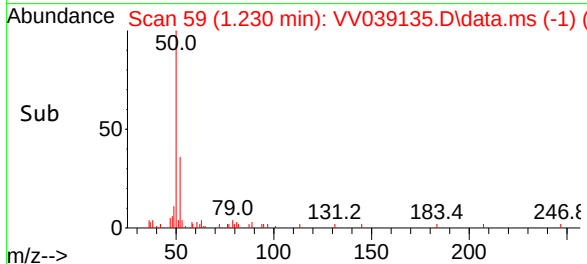
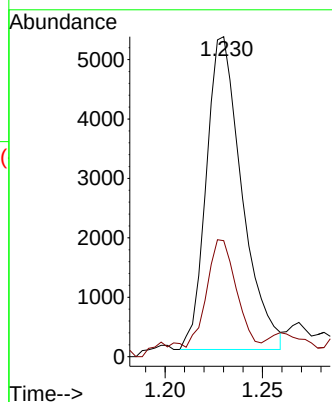
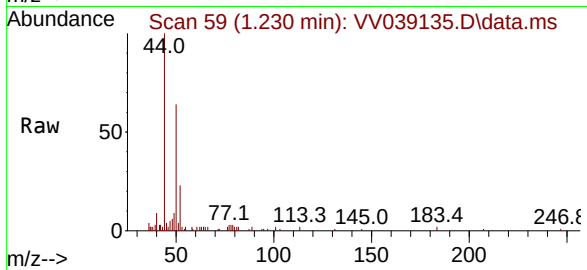
VSTDICC001

Tgt Ion: 50 Resp: 6721

Ion Ratio Lower Upper

50 100

52 32.9 26.0 39.0



#4

Vinyl Chloride

Concen: 1.035 ug/l

RT: 1.298 min Scan# 80

Delta R.T. 0.000 min

Lab File: VV039135.D

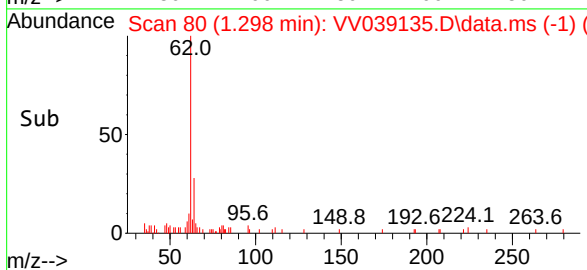
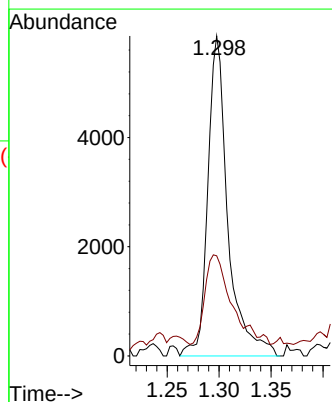
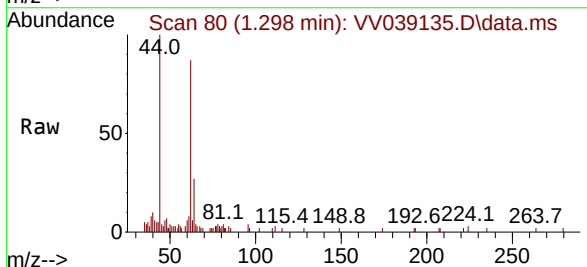
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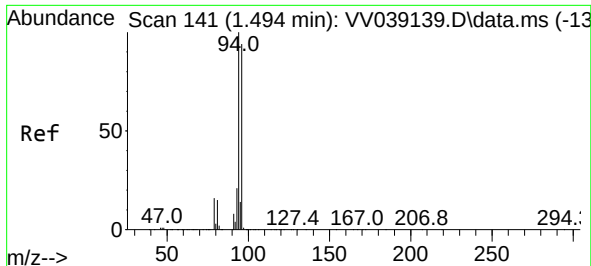
Tgt Ion: 62 Resp: 7845

Ion Ratio Lower Upper

62 100

64 25.5 25.6 38.4#

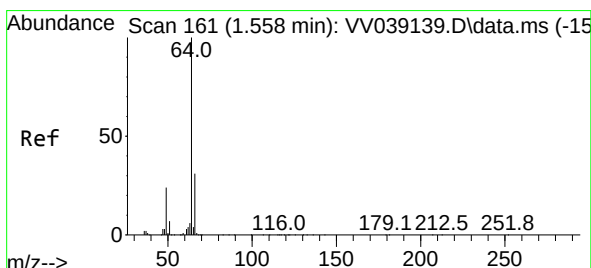
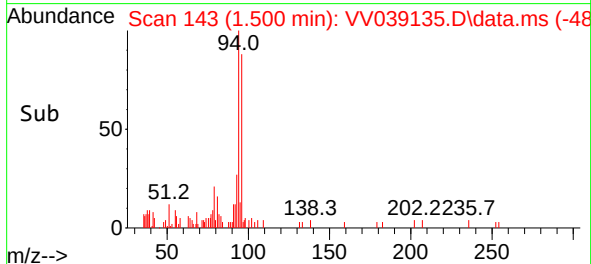
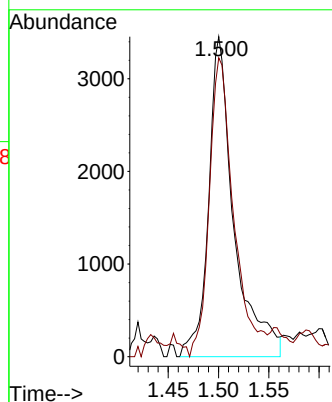
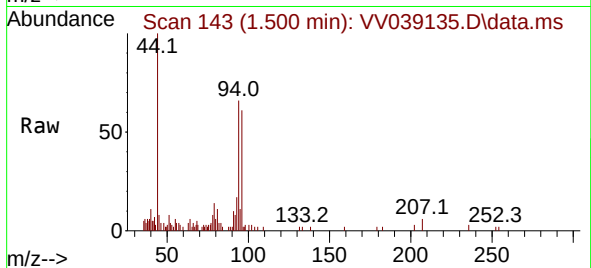




#5
Bromomethane
Concen: 1.271 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.006 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

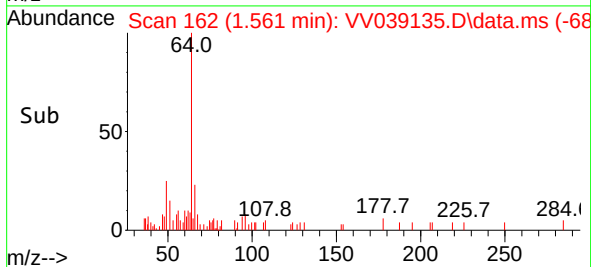
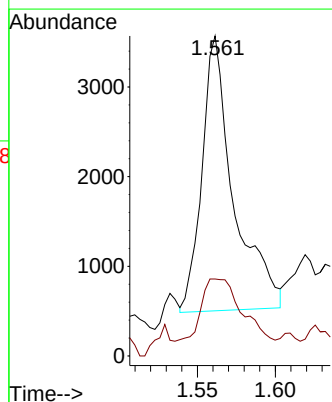
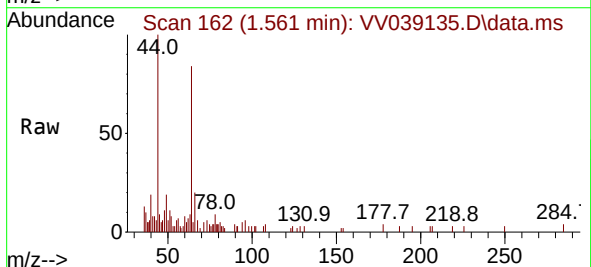
Instrument :
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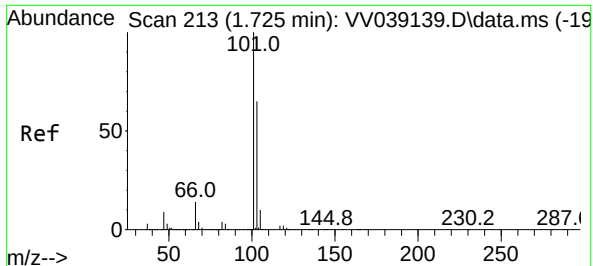
Tgt Ion: 94 Resp: 6072
Ion Ratio Lower Upper
94 100
96 89.5 74.9 112.3



#6
Chloroethane
Concen: Below Cal
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 64 Resp: 4323
Ion Ratio Lower Upper
64 100
66 22.3 24.6 36.8#

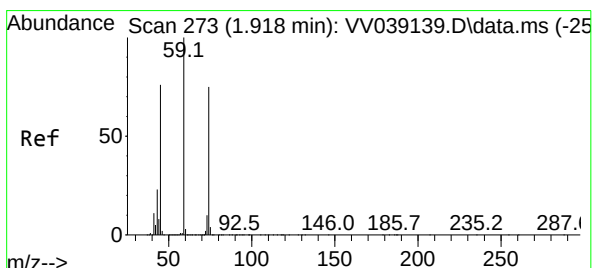
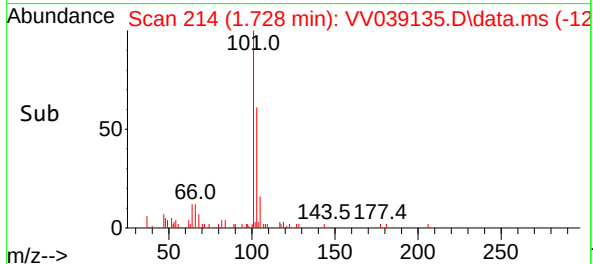
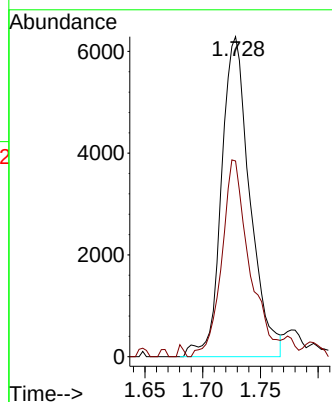
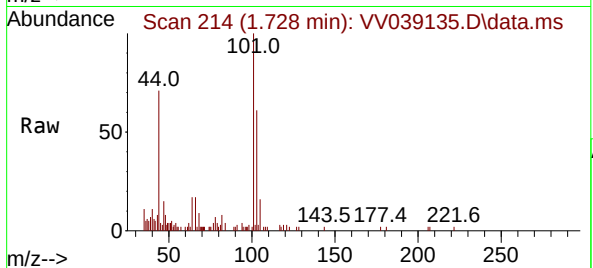




#7
 Trichlorofluoromethane
 Concen: 0.981 ug/l
 RT: 1.728 min Scan# 213
 Delta R.T. 0.003 min
 Lab File: VV039135.D
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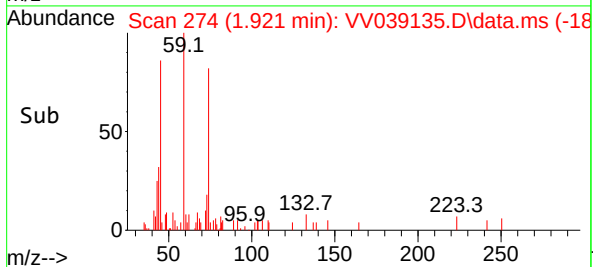
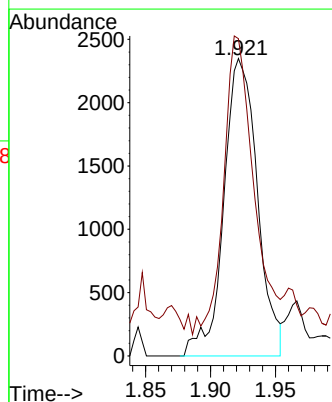
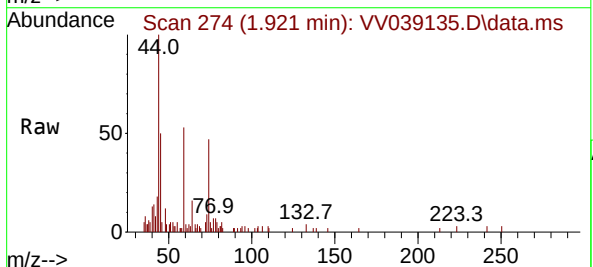
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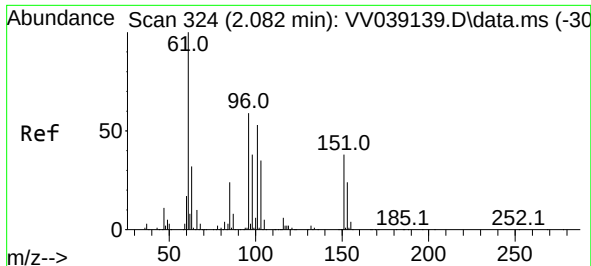
Tgt Ion:101 Resp: 10770
 Ion Ratio Lower Upper
 101 100
 103 57.4 52.0 78.0



#8
 Diethyl Ether
 Concen: 1.039 ug/l
 RT: 1.921 min Scan# 274
 Delta R.T. 0.003 min
 Lab File: VV039135.D
 Acq: 22 Sep 2025 10:59

Tgt Ion: 74 Resp: 4232
 Ion Ratio Lower Upper
 74 100
 45 89.3 49.6 148.8

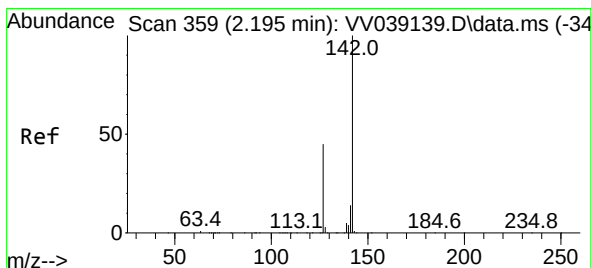
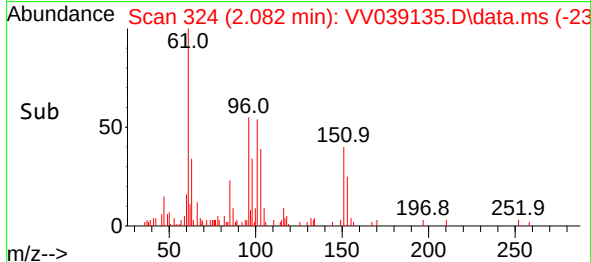
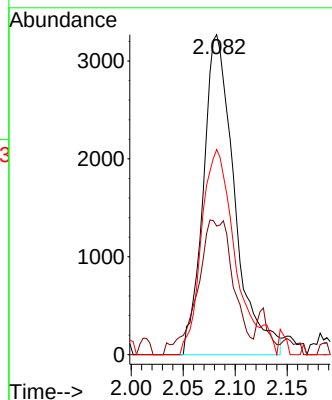
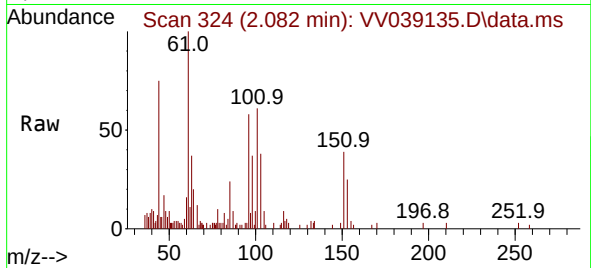




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.047 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039135.D
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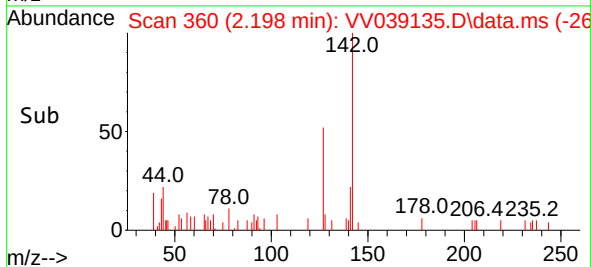
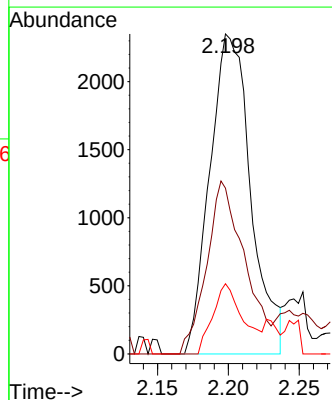
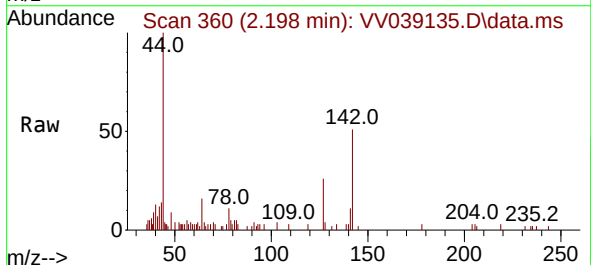
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ClientSampleId :
VSTDIC001

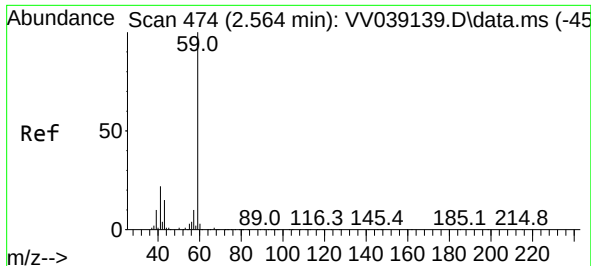
Tgt Ion:101 Resp: 6835
Ion Ratio Lower Upper
101 100
85 48.6 36.2 54.2
151 67.3 56.3 84.5



#10
Methyl Iodide
Concen: 0.760 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion:142 Resp: 4728
Ion Ratio Lower Upper
142 100
127 50.3 36.3 54.5
141 16.4 11.2 16.8

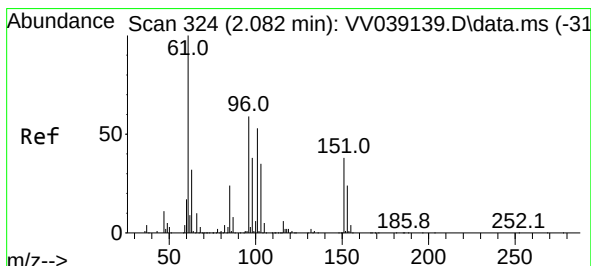
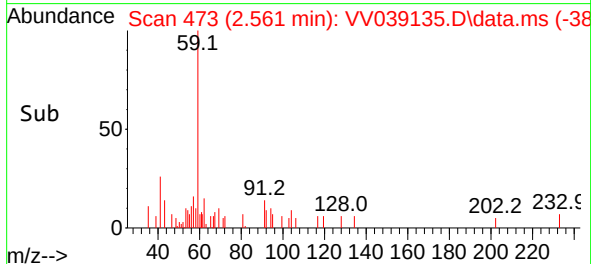
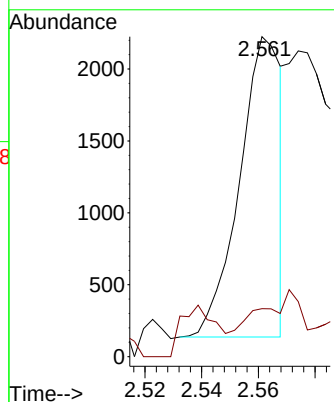
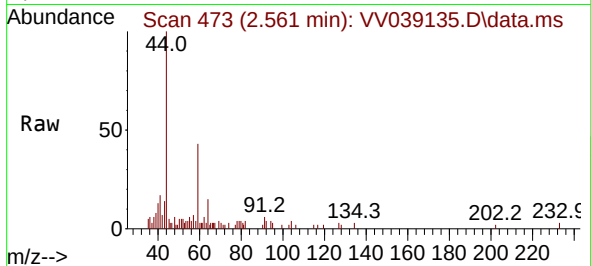




#11
Tert butyl alcohol
Concen: 1.660 ug/l
RT: 2.561 min Scan# 41
Delta R.T. -0.003 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

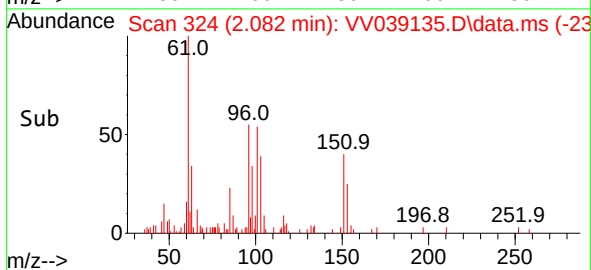
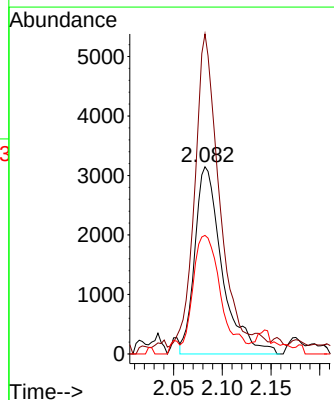
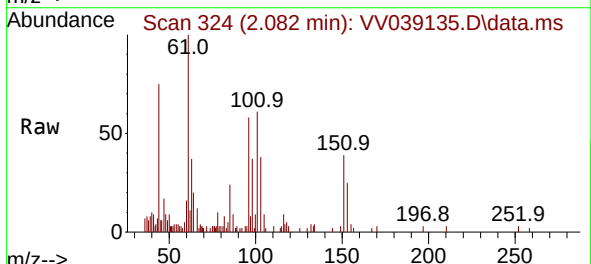
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

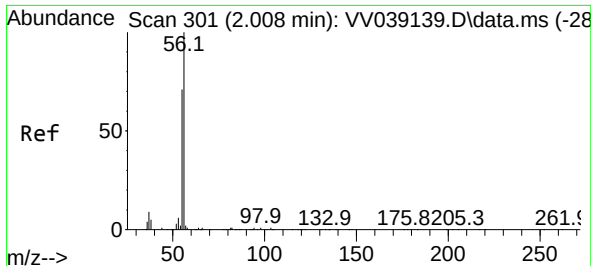
Tgt Ion: 59 Resp: 2115
Ion Ratio Lower Upper
59 100
57 23.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 0.976 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 96 Resp: 6133
Ion Ratio Lower Upper
96 100
61 163.4 136.0 204.0
98 58.6 51.0 76.6

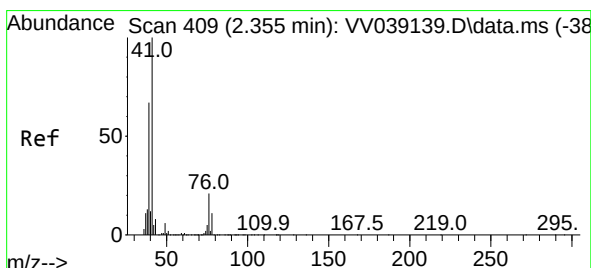
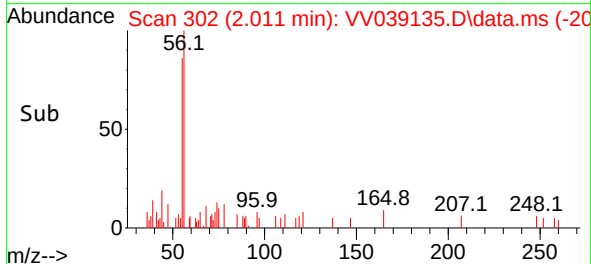
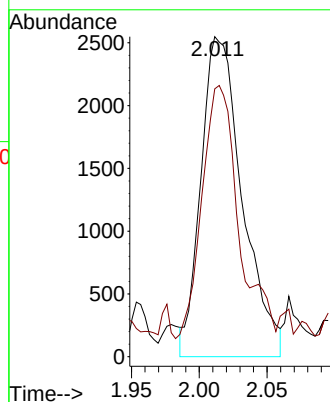
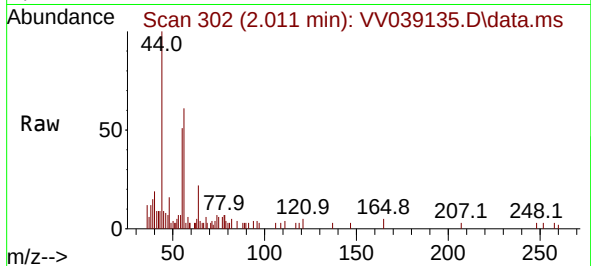




#13
Acrolein
Concen: 24.496 ug/l
RT: 2.011 min Scan# 301
Delta R.T. 0.003 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

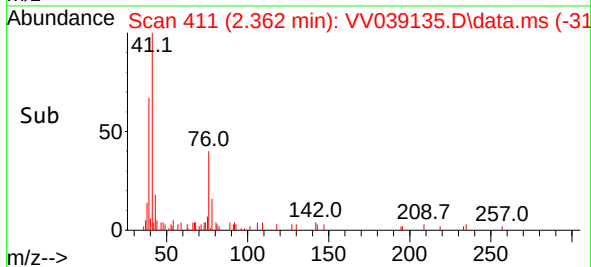
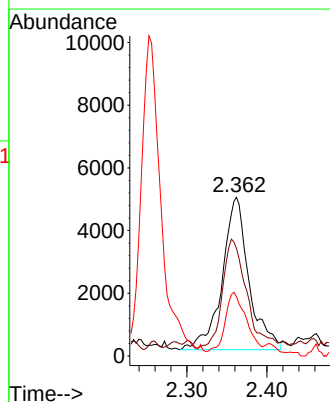
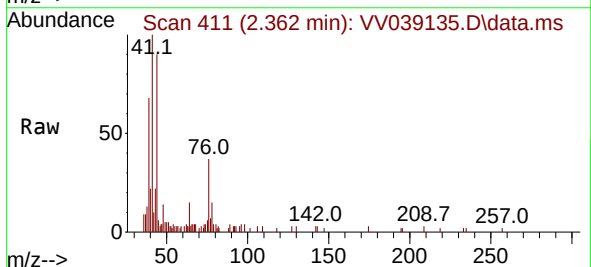
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

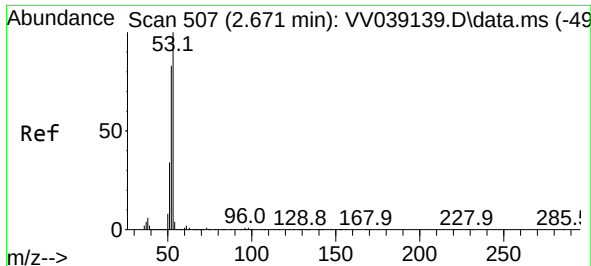
Tgt Ion: 56 Resp: 5417
Ion Ratio Lower Upper
56 100
55 69.4 56.2 84.4



#14
Allyl chloride
Concen: 1.009 ug/l
RT: 2.362 min Scan# 411
Delta R.T. 0.006 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 41 Resp: 11318
Ion Ratio Lower Upper
41 100
39 64.0 51.0 76.6
76 29.4 28.2 42.4

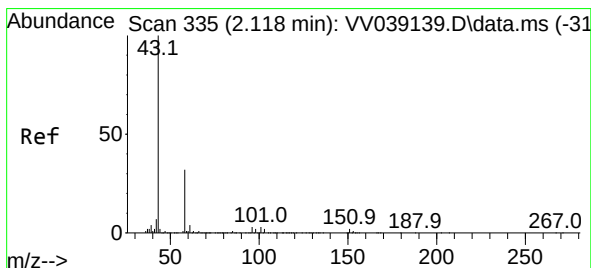
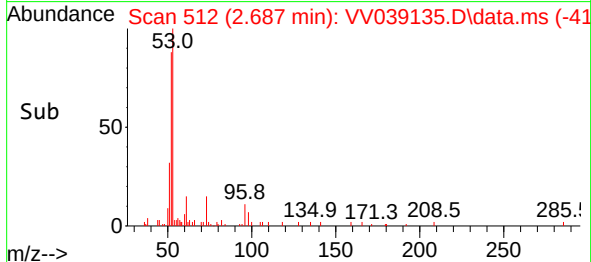
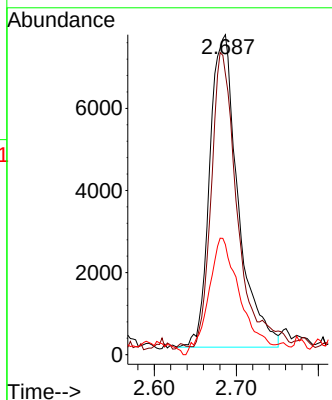
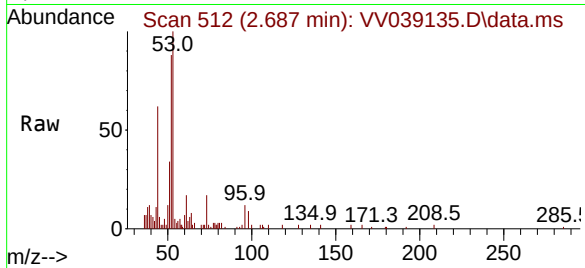




#15
Acrylonitrile
Concen: 4.468 ug/l
RT: 2.687 min Scan# 511
Delta R.T. 0.016 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

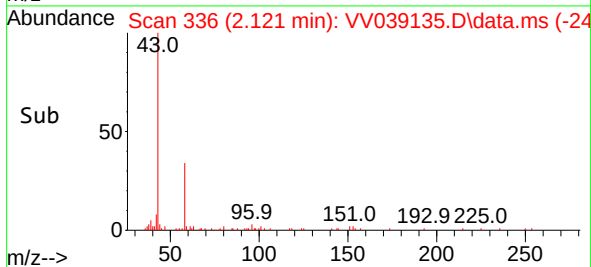
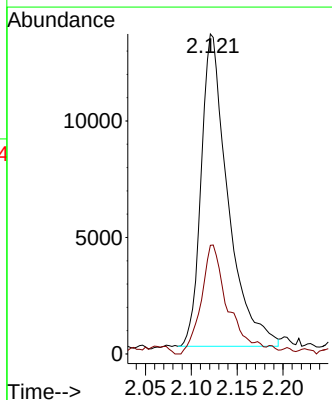
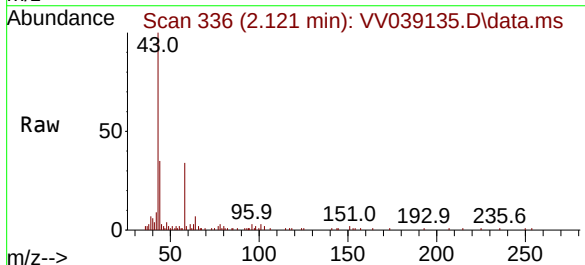
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

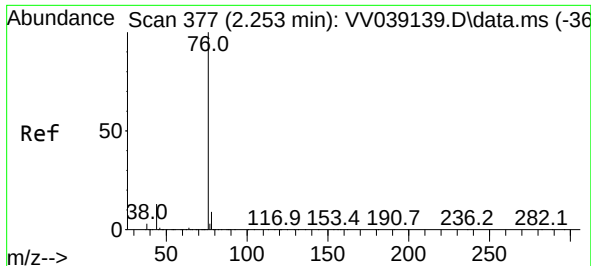
Tgt Ion: 53	Resp: 18255
Ion Ratio	Lower Upper
53 100	
52 86.2	66.1 99.1
51 41.8	28.5 42.7



#16
Acetone
Concen: 2.612 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 43	Resp: 27266
Ion Ratio	Lower Upper
43 100	
58 34.8	25.8 38.6

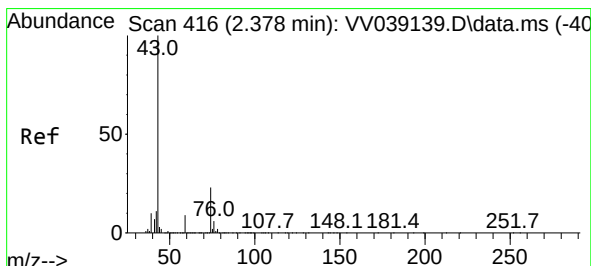
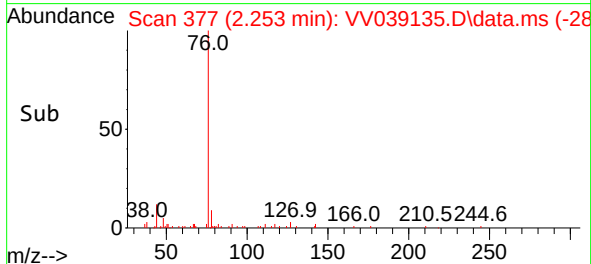
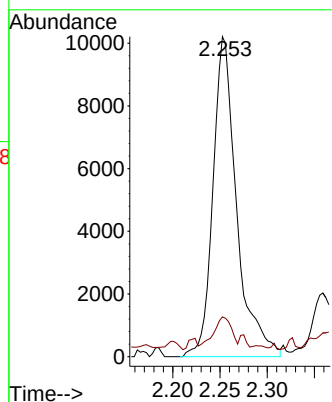
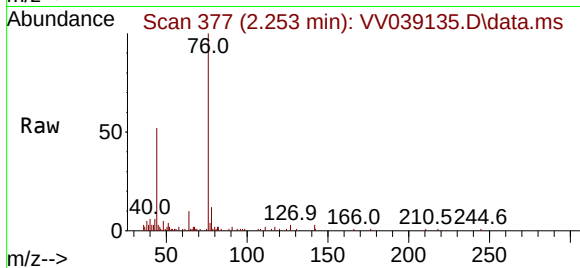




#17
Carbon Disulfide
Concen: 0.926 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

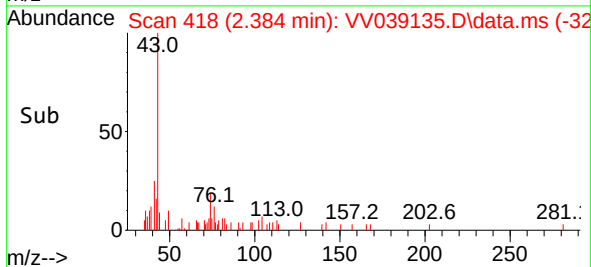
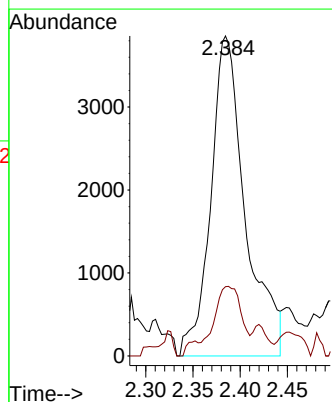
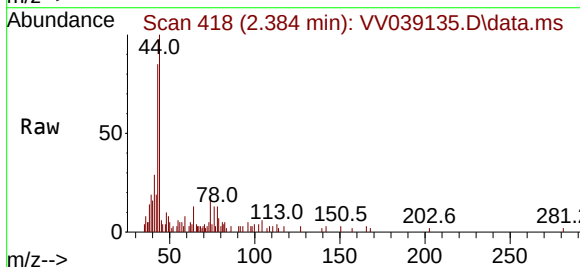
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

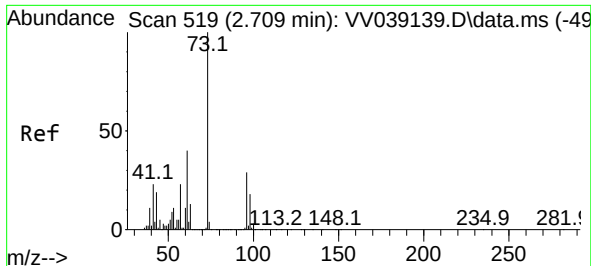
Tgt Ion: 76 Resp: 17786
Ion Ratio Lower Upper
76 100
78 10.2 7.4 11.0



#18
Methyl Acetate
Concen: 1.097 ug/l
RT: 2.384 min Scan# 418
Delta R.T. 0.006 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 43 Resp: 9805
Ion Ratio Lower Upper
43 100
74 14.3 18.6 27.8#

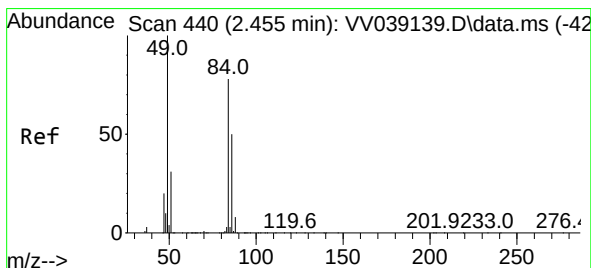
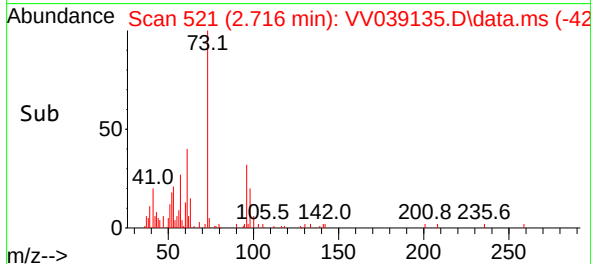
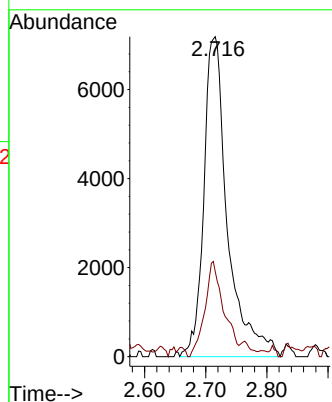
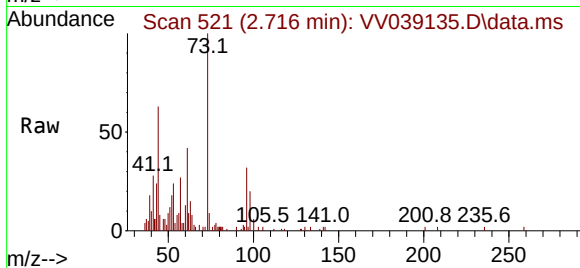




#19
Methyl tert-butyl Ether
Concen: 0.968 ug/l
RT: 2.716 min Scan# 519
Delta R.T. 0.006 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

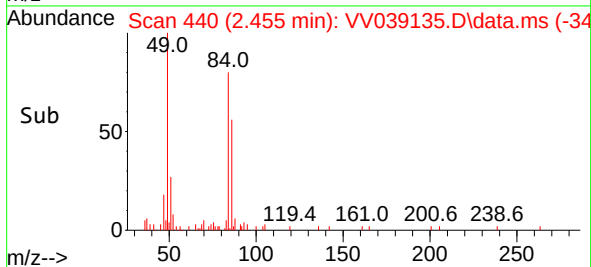
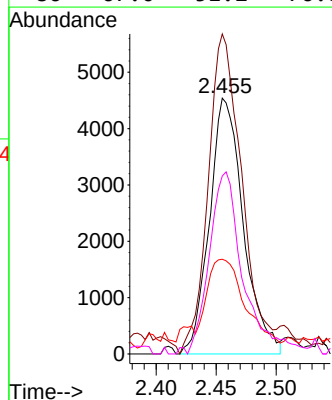
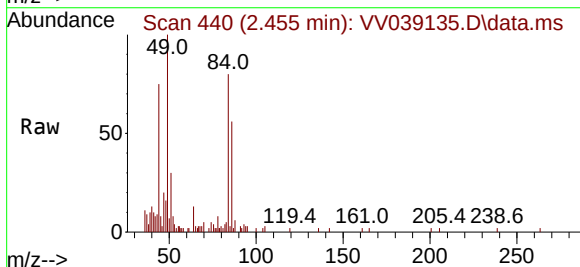
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

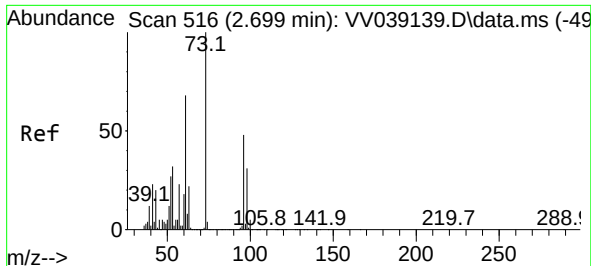
Tgt Ion: 73 Resp: 19368
Ion Ratio Lower Upper
73 100
57 24.8 18.2 27.4



#20
Methylene Chloride
Concen: Below Cal
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 84 Resp: 8927
Ion Ratio Lower Upper
84 100
49 125.1 102.8 154.2
51 32.8 31.9 47.9
86 67.0 51.2 76.8

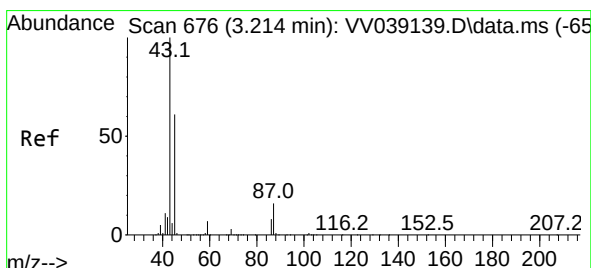
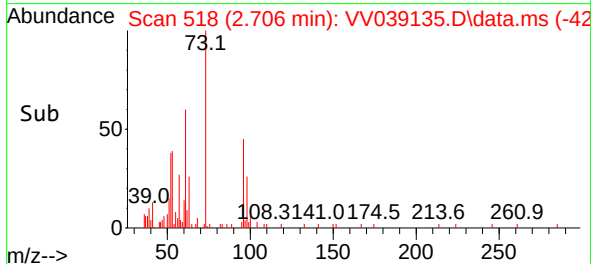
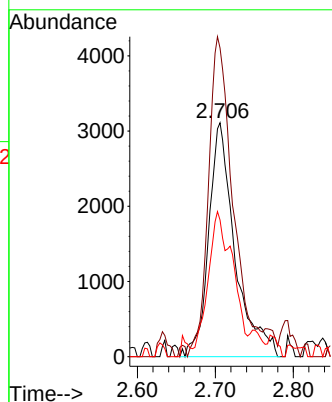
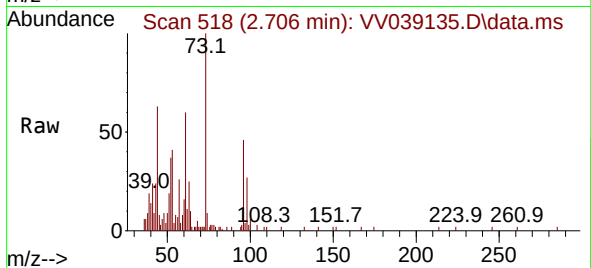




#21
trans-1,2-Dichloroethene
Concen: 1.088 ug/l
RT: 2.706 min Scan# 516
Delta R.T. 0.006 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

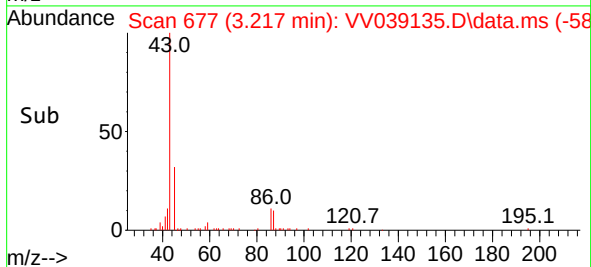
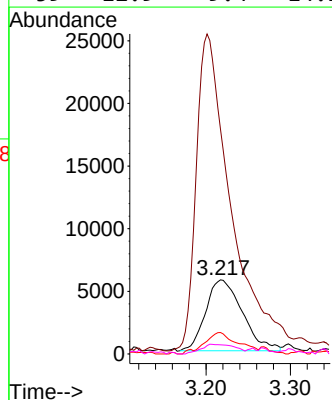
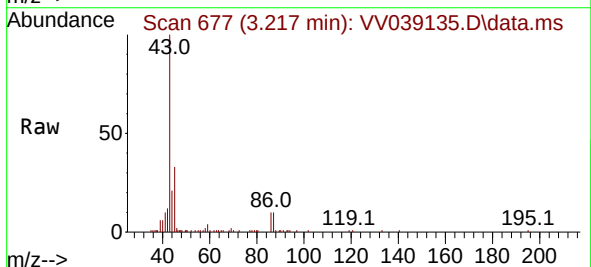
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

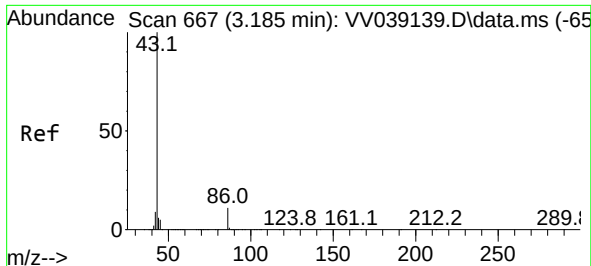
Tgt Ion: 96 Resp: 7273
Ion Ratio Lower Upper
96 100
61 127.9 112.8 169.2
98 58.4 51.1 76.7



#22
Diisopropyl ether
Concen: 0.796 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 45 Resp: 17081
Ion Ratio Lower Upper
45 100
43 306.7 130.9 196.3#
87 30.2 21.1 31.7
59 12.9 9.4 14.2

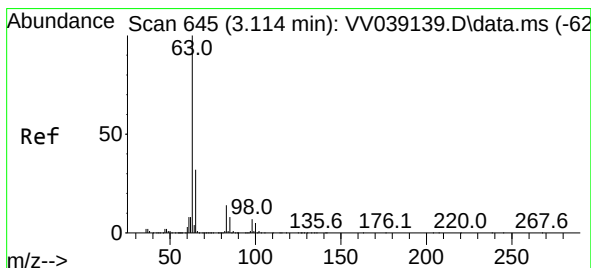
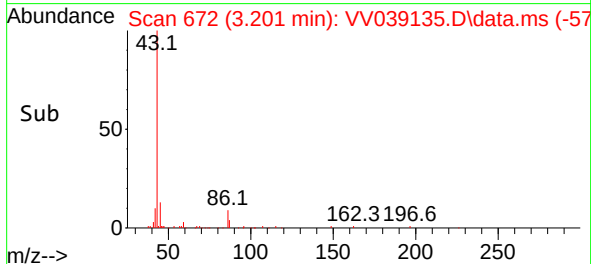
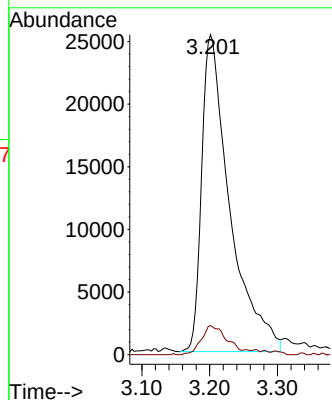
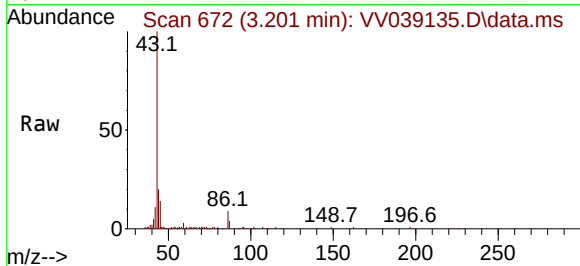




#23
 Vinyl Acetate
 Concen: 3.886 ug/l
 RT: 3.201 min Scan# 61
 Delta R.T. 0.016 min
 Lab File: VV039135.D
 Acq: 22 Sep 2025 10:59

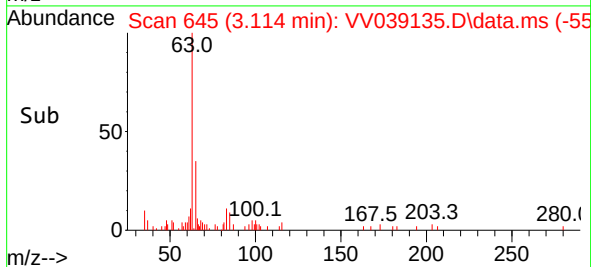
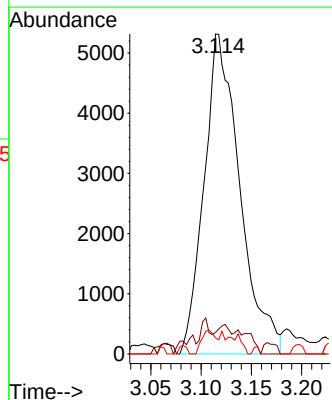
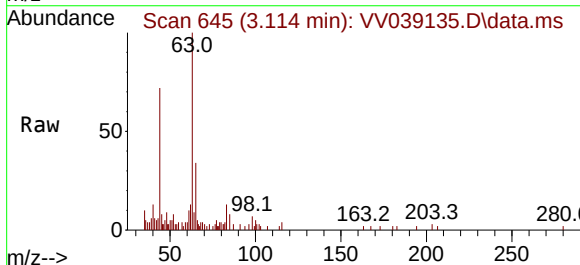
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

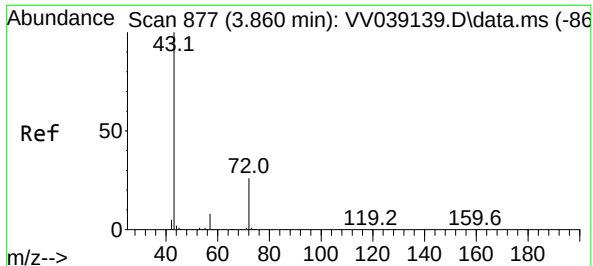
Tgt Ion: 43 Resp: 72979
 Ion Ratio Lower Upper
 43 100
 86 9.2 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 1.001 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. 0.000 min
 Lab File: VV039135.D
 Acq: 22 Sep 2025 10:59

Tgt Ion: 63 Resp: 13138
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.4 10.2
 100 5.0 2.2 6.6





#25

2-Butanone

Concen: 1.313 ug/l

RT: 3.912 min Scan# 893

Delta R.T. 0.051 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

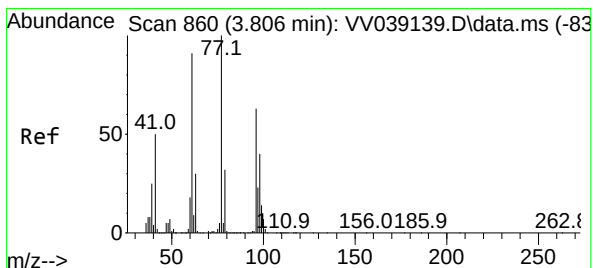
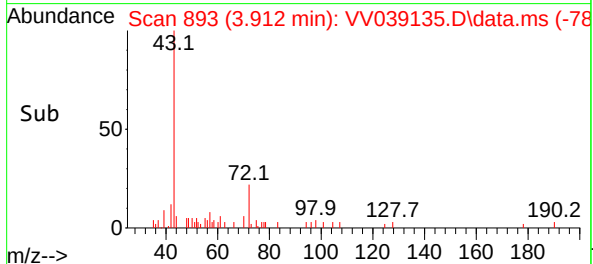
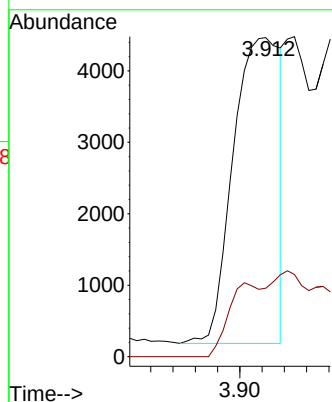
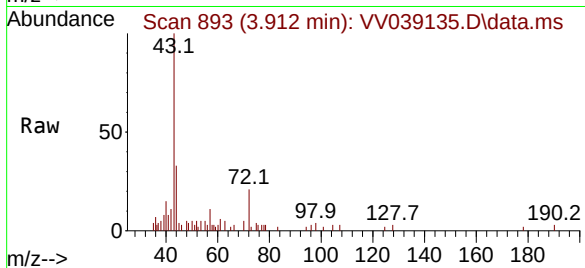
VSTDIC001

Tgt Ion: 43 Resp: 6232

Ion Ratio Lower Upper

43 100

72 22.4 21.0 31.6



#26

2,2-Dichloropropane

Concen: 0.957 ug/l

RT: 3.818 min Scan# 864

Delta R.T. 0.013 min

Lab File: VV039135.D

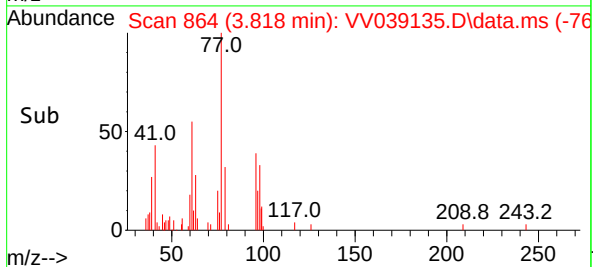
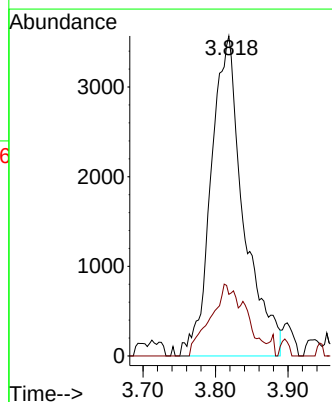
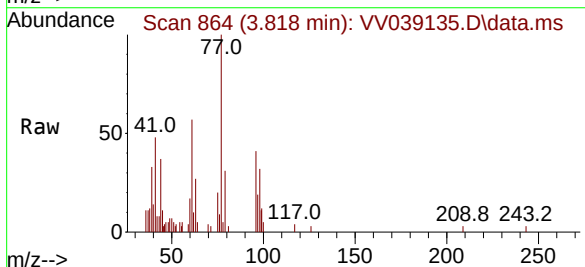
Acq: 22 Sep 2025 10:59

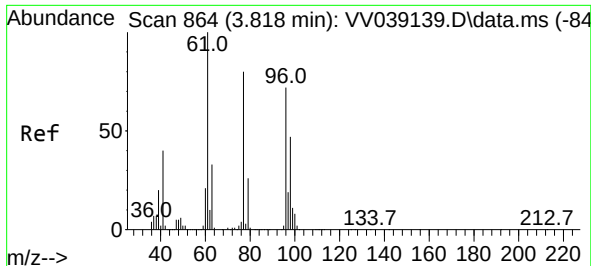
Tgt Ion: 77 Resp: 11095

Ion Ratio Lower Upper

77 100

97 18.6 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 0.451 ug/l

RT: 3.831 min Scan# 864

Delta R.T. 0.013 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

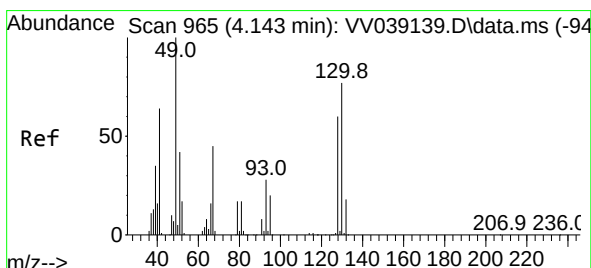
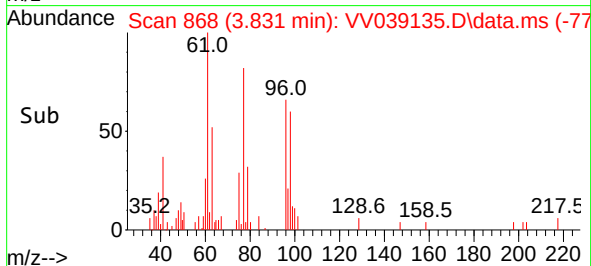
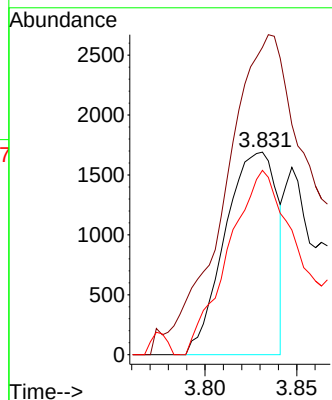
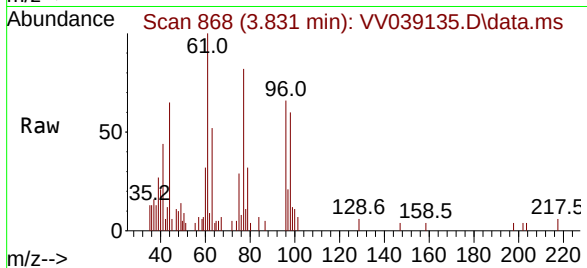
Tgt Ion: 96 Resp: 3325

Ion Ratio Lower Upper

96 100

61 298.1 0.0 286.4#

98 147.8 0.0 126.6#



#28

Bromochloromethane

Concen: 0.859 ug/l

RT: 4.153 min Scan# 968

Delta R.T. 0.010 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

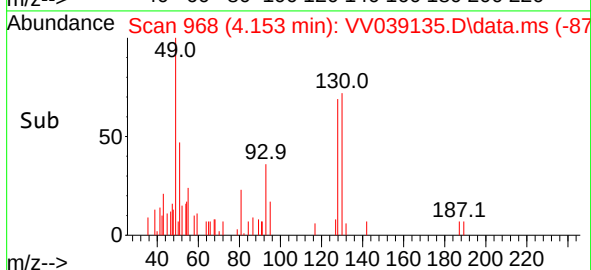
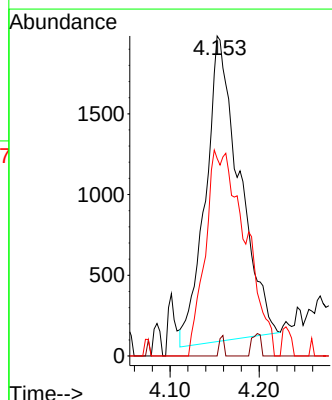
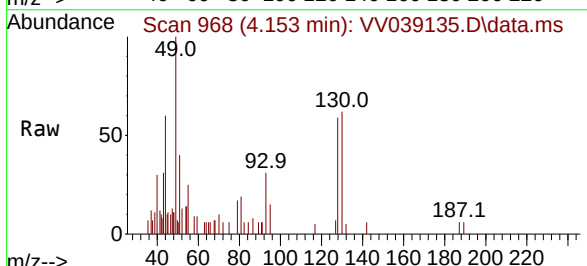
Tgt Ion: 49 Resp: 4980

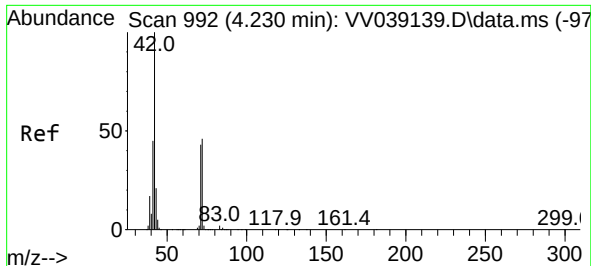
Ion Ratio Lower Upper

49 100

129 0.9 0.0 4.2

130 31.0 60.2 90.2#





#29

Tetrahydrofuran

Concen: 2.815 ug/l

RT: 4.259 min Scan# 1001

Delta R.T. 0.029 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

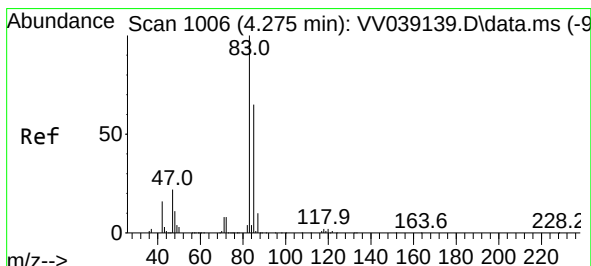
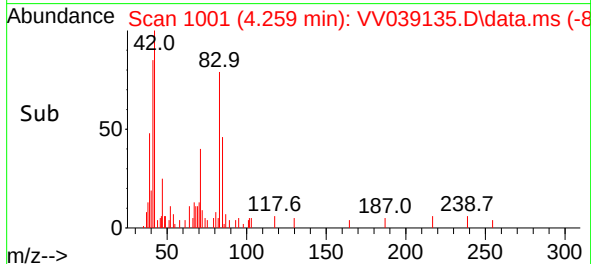
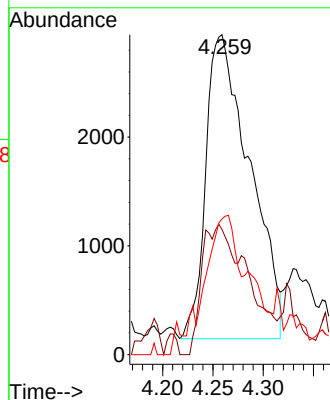
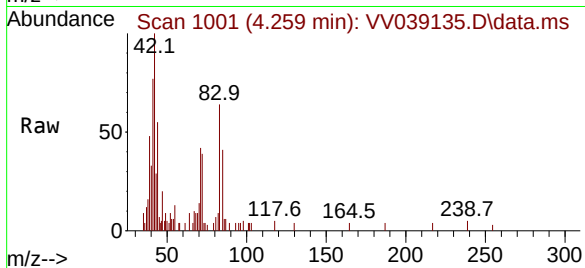
Tgt Ion: 42 Resp: 8507

Ion Ratio Lower Upper

42 100

72 0.0 36.3 54.5#

71 22.6 34.3 51.5#



#30

Chloroform

Concen: 1.031 ug/l

RT: 4.285 min Scan# 1009

Delta R.T. 0.010 min

Lab File: VV039135.D

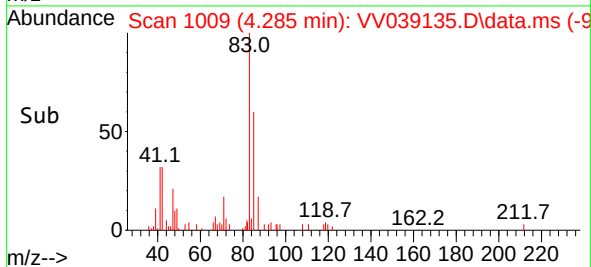
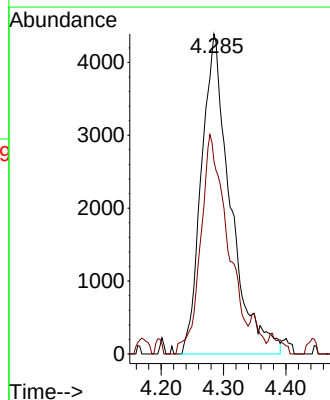
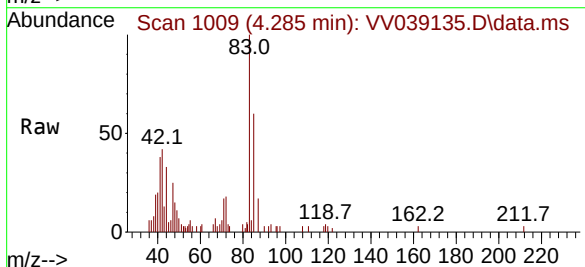
Acq: 22 Sep 2025 10:59

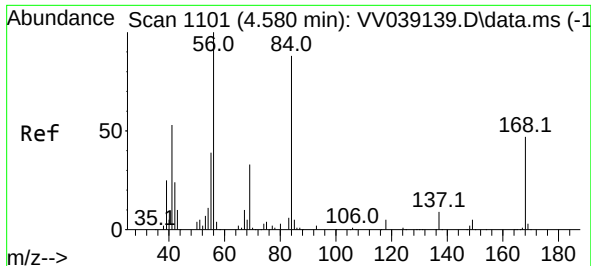
Tgt Ion: 83 Resp: 14131

Ion Ratio Lower Upper

83 100

85 56.7 52.1 78.1

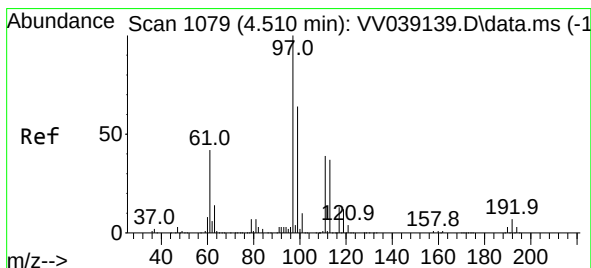
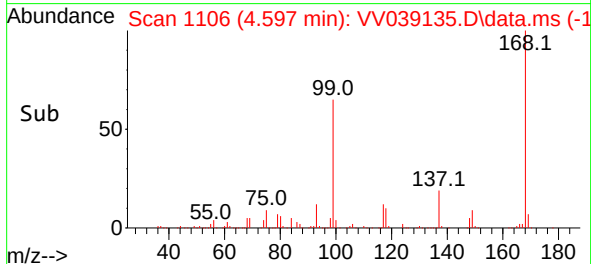
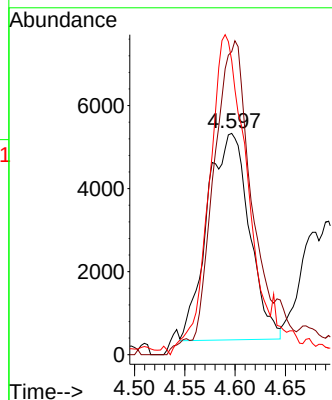
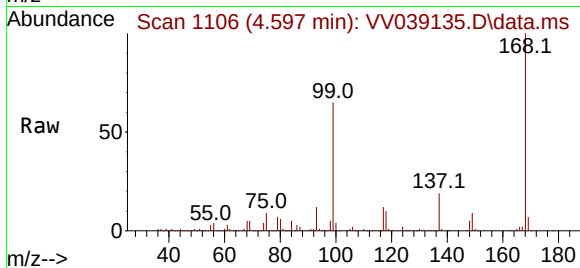




#31
Cyclohexane
Concen: 1.347 ug/l
RT: 4.597 min Scan# 1106
Delta R.T. 0.016 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

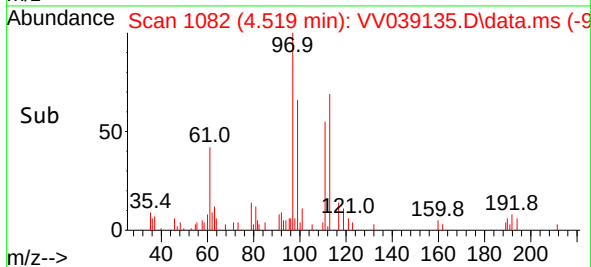
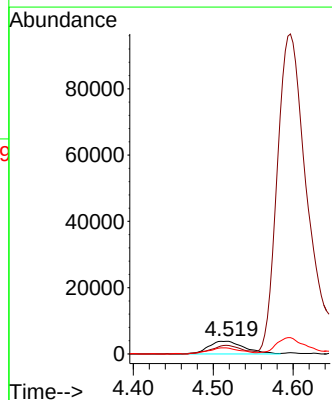
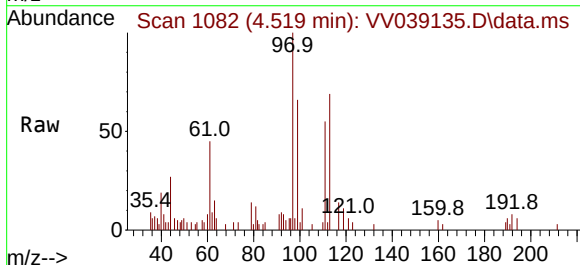
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

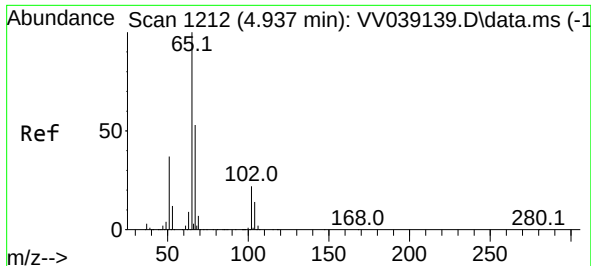
Tgt Ion: 56 Resp: 14486
Ion Ratio Lower Upper
56 100
69 141.7 26.2 39.2#
84 135.9 70.3 105.5#



#32
1,1,1-Trichloroethane
Concen: 1.017 ug/l
RT: 4.519 min Scan# 1082
Delta R.T. 0.010 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 97 Resp: 12068
Ion Ratio Lower Upper
97 100
99 0.0 49.6 74.4#
61 42.1 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 1.827 ug/l

RT: 4.957 min Scan# 1218

Delta R.T. 0.019 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

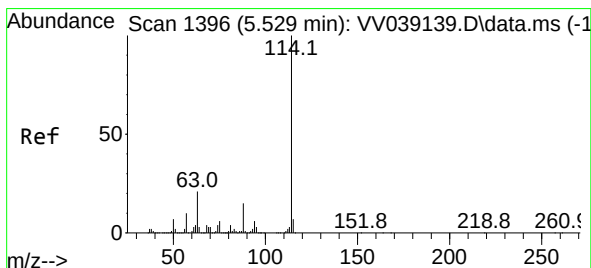
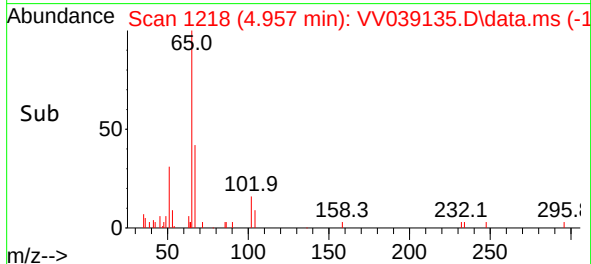
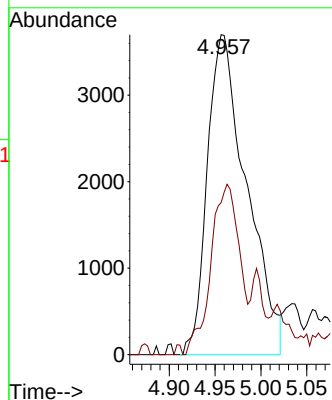
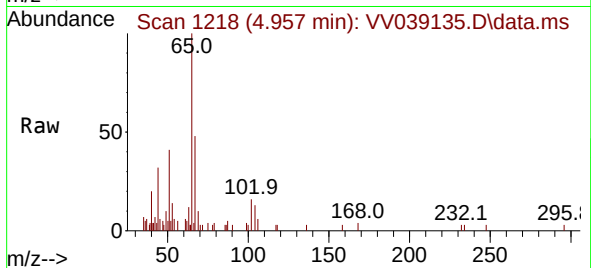
VSTDIC001

Tgt Ion: 65 Resp: 11014

Ion Ratio Lower Upper

65 100

67 38.6 0.0 107.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

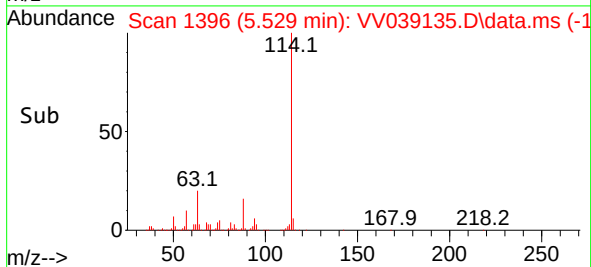
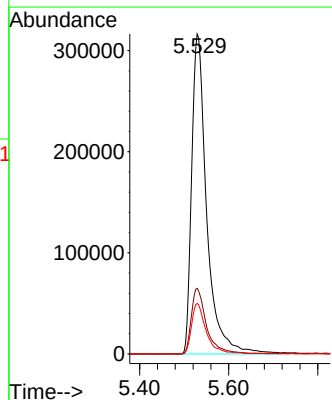
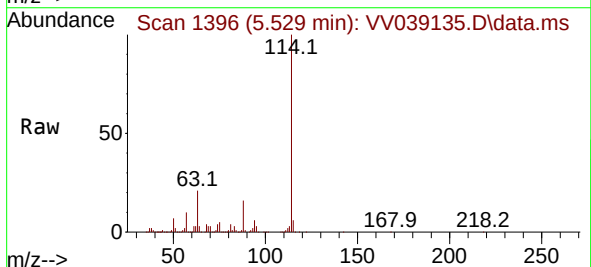
Tgt Ion: 114 Resp: 742784

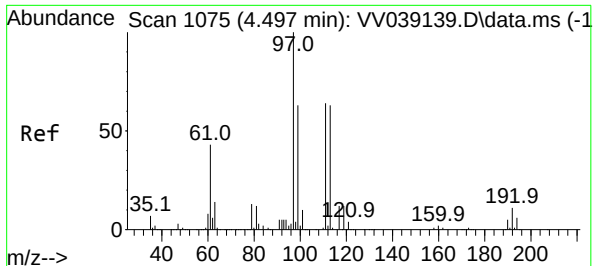
Ion Ratio Lower Upper

114 100

63 20.5 0.0 42.6

88 15.8 0.0 30.8





#35

Dibromofluoromethane

Concen: 1.350 ug/l

RT: 4.519 min Scan# 1108

Delta R.T. 0.023 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

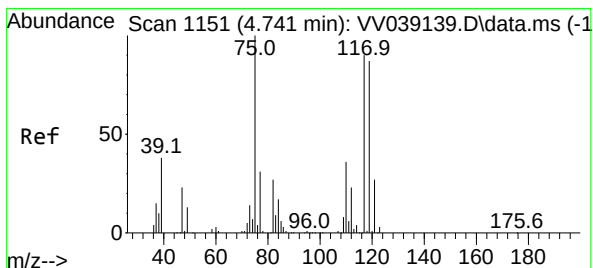
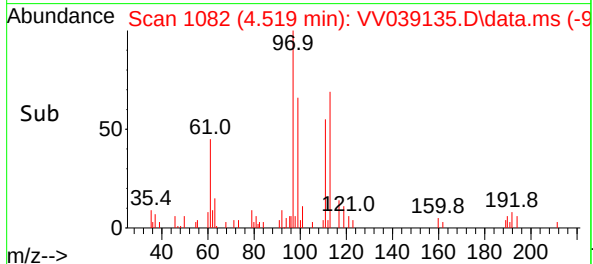
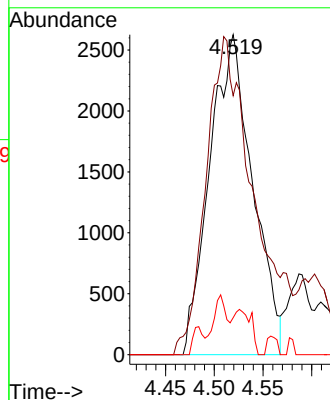
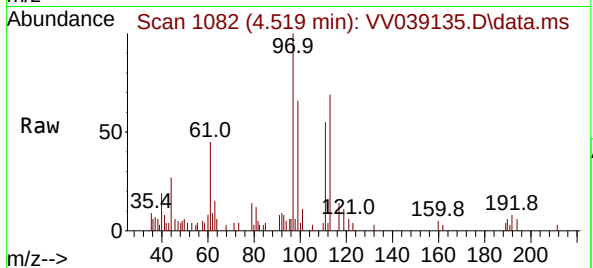
Tgt Ion:113 Resp: 8061

Ion Ratio Lower Upper

113 100

111 0.0 82.4 123.6#

192 5.8 13.8 20.8#



#36

1,1-Dichloropropene

Concen: 0.575 ug/l

RT: 4.757 min Scan# 1156

Delta R.T. 0.016 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

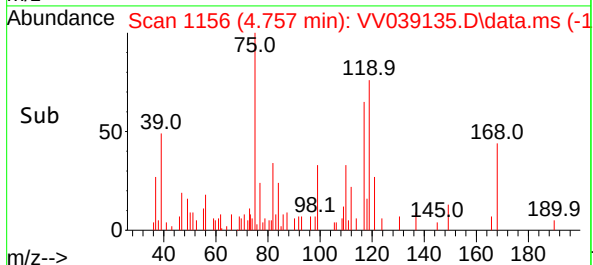
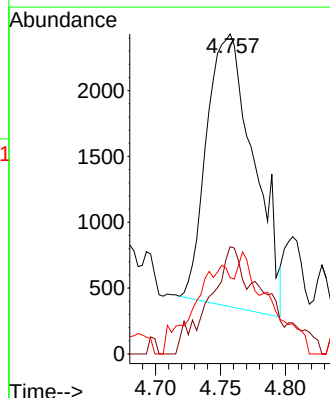
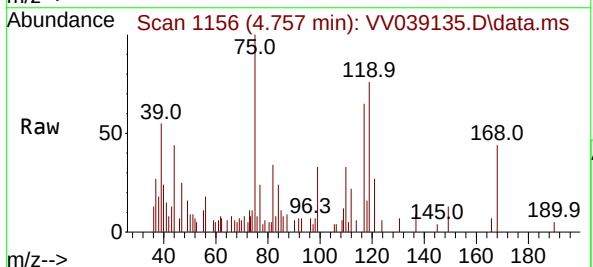
Tgt Ion: 75 Resp: 5227

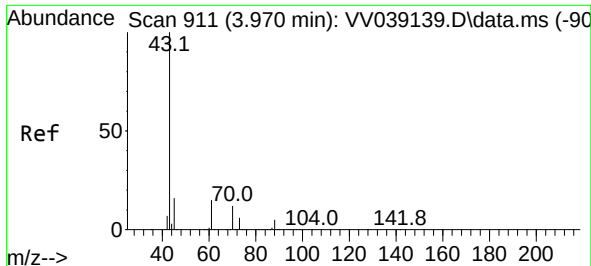
Ion Ratio Lower Upper

75 100

110 28.3 18.1 54.1

77 27.1 24.8 37.2

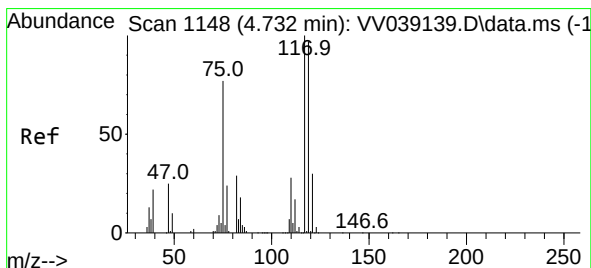
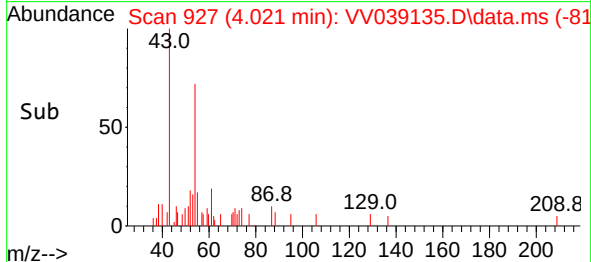
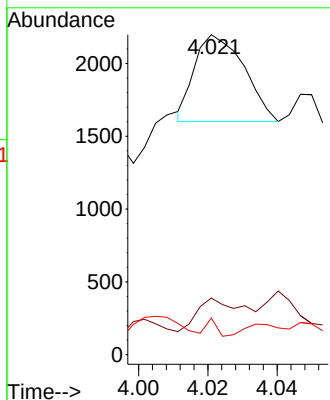
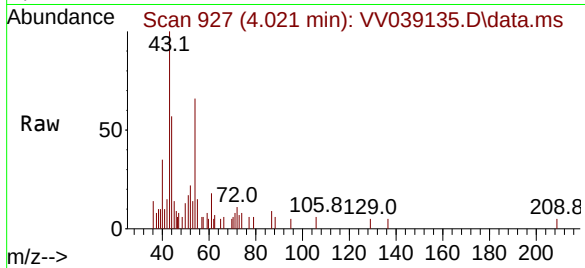




#37
Ethyl Acetate
Concen: 0.053 ug/l
RT: 4.021 min Scan# 911
Delta R.T. 0.051 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

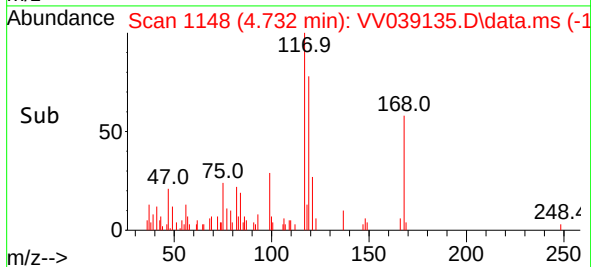
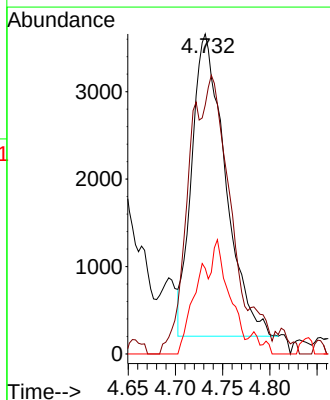
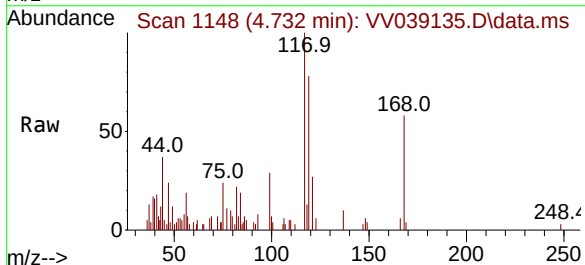
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

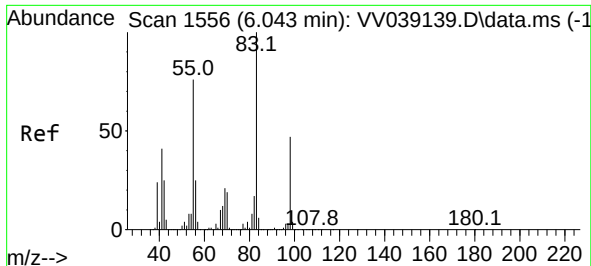
Tgt Ion: 43 Resp: 591
Ion Ratio Lower Upper
43 100
61 61.6 10.3 15.5#
70 53.3 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 0.778 ug/l
RT: 4.732 min Scan# 1148
Delta R.T. -0.000 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 117 Resp: 8517
Ion Ratio Lower Upper
117 100
119 76.0 77.2 115.8#
121 28.3 24.2 36.2





#39

Methylcyclohexane

Concen: 0.777 ug/l

RT: 6.040 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

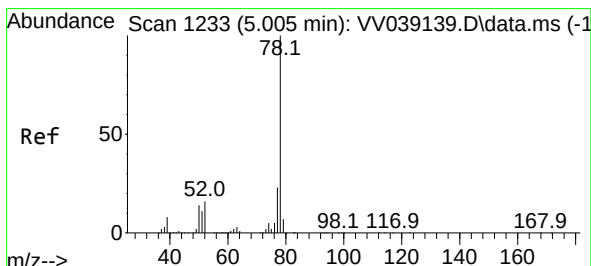
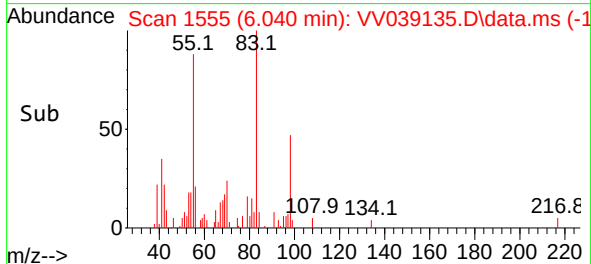
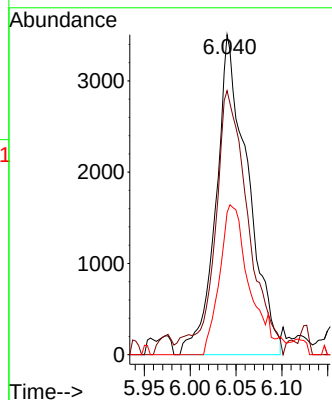
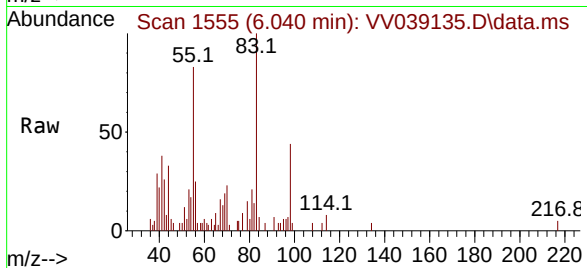
Tgt Ion: 83 Resp: 8475

Ion Ratio Lower Upper

83 100

55 77.8 60.5 90.7

98 44.4 37.8 56.6



#40

Benzene

Concen: 0.812 ug/l

RT: 5.024 min Scan# 1239

Delta R.T. 0.019 min

Lab File: VV039135.D

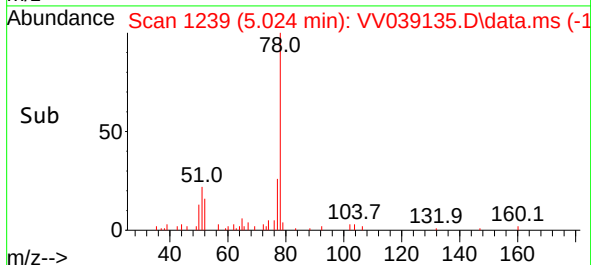
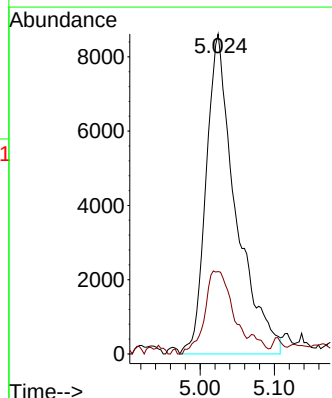
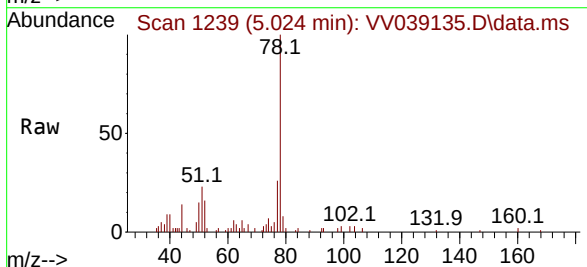
Acq: 22 Sep 2025 10:59

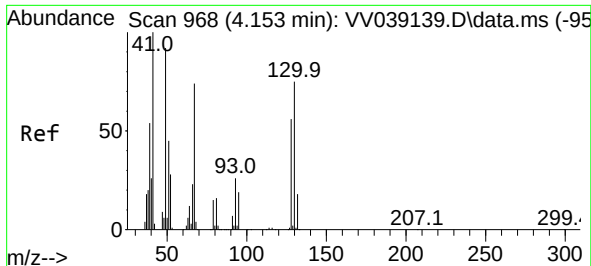
Tgt Ion: 78 Resp: 23865

Ion Ratio Lower Upper

78 100

77 25.7 18.7 28.1

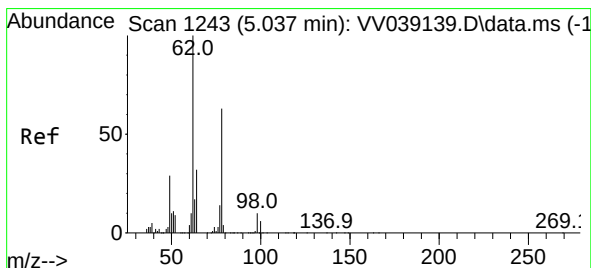
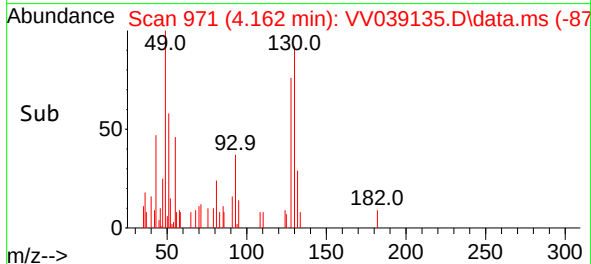
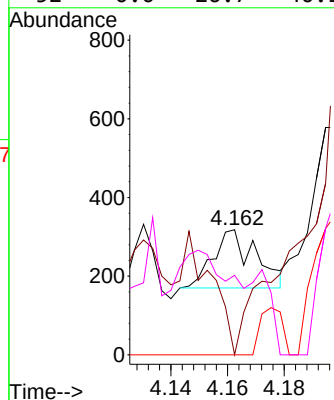
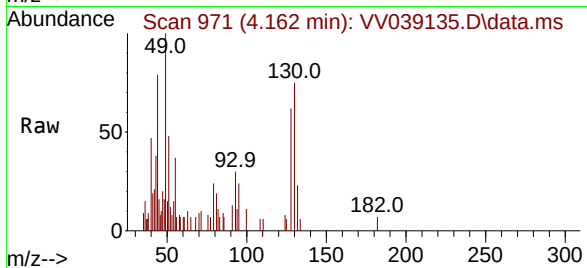




#41
Methacrylonitrile
Concen: 1.924 ug/l
RT: 4.162 min Scan# 91
Delta R.T. 0.009 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

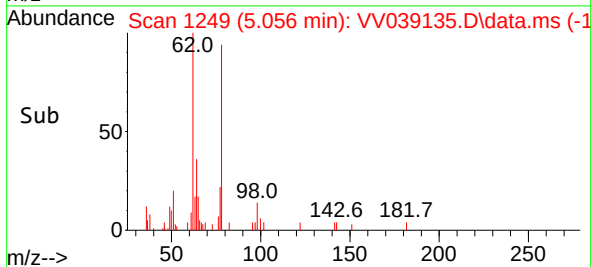
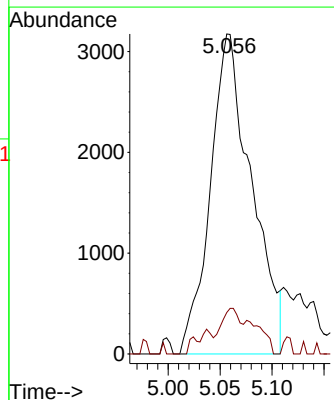
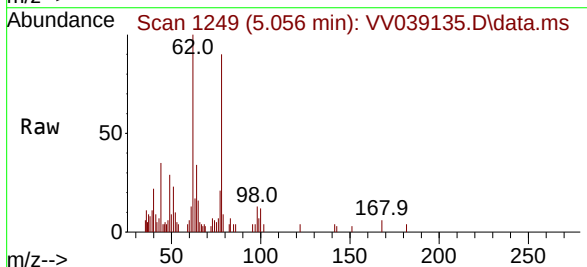
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

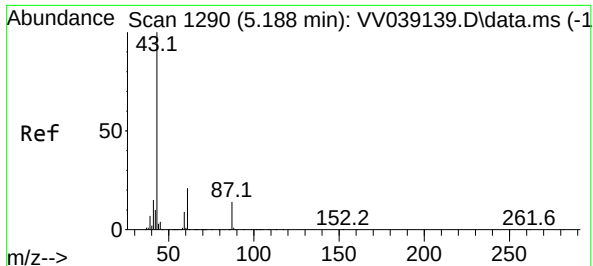
Tgt Ion:	41	Resp:	153
Ion	Ratio	Lower	Upper
41	100		
39	0.0	42.2	63.2#
67	41.8	67.9	101.9#
52	0.0	26.7	40.1#



#42
1,2-Dichloroethane
Concen: 0.849 ug/l
RT: 5.056 min Scan# 1249
Delta R.T. 0.019 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion:	62	Resp:	8748
Ion	Ratio	Lower	Upper
62	100		
98	3.7	0.0	19.2

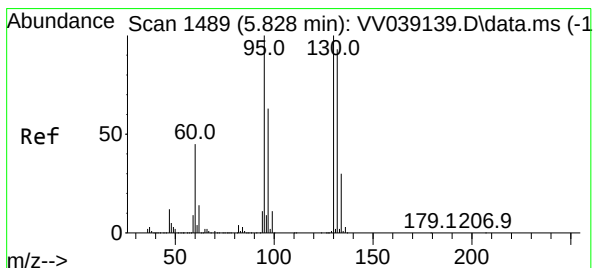
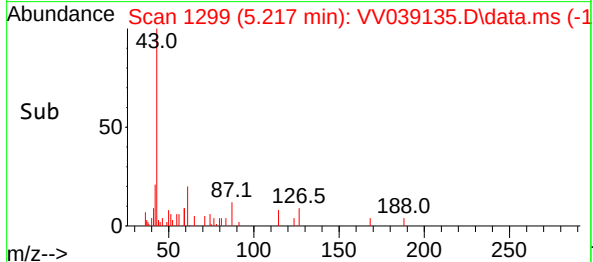
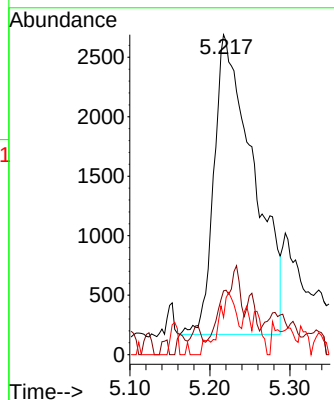
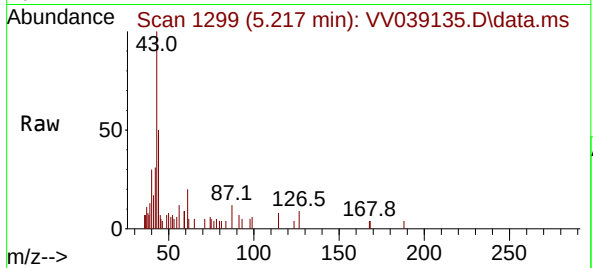




#43
Isopropyl Acetate
Concen: 0.559 ug/l
RT: 5.217 min Scan# 1299
Delta R.T. 0.029 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

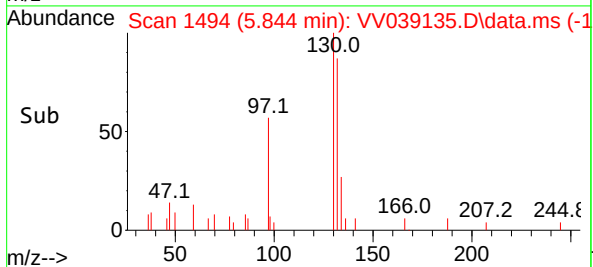
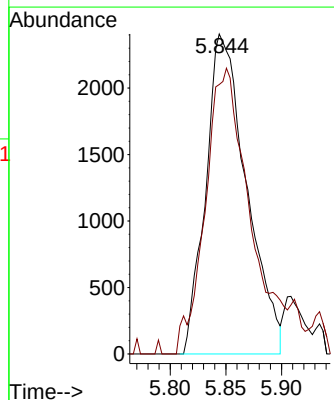
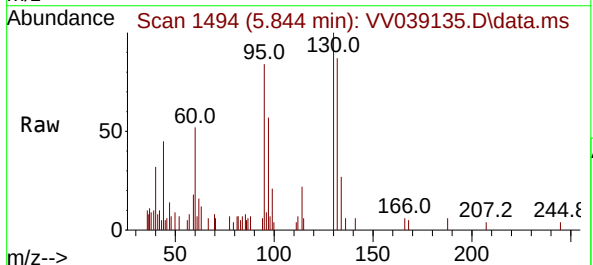
Instrument : MSVOA_V
ClientSampleId : VSTDIC001

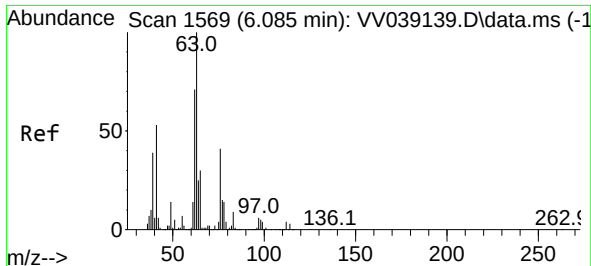
Tgt Ion: 43 Resp: 8594
Ion Ratio Lower Upper
43 100
61 0.0 15.9 23.9#
87 6.4 11.0 16.6#



#44
Trichloroethene
Concen: 0.903 ug/l
RT: 5.844 min Scan# 1494
Delta R.T. 0.016 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 130 Resp: 6128
Ion Ratio Lower Upper
130 100
95 75.4 0.0 199.2





#45

1,2-Dichloropropane

Concen: 0.886 ug/l

RT: 6.105 min Scan# 1575

Delta R.T. 0.019 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

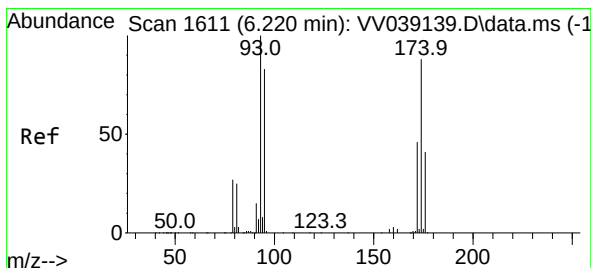
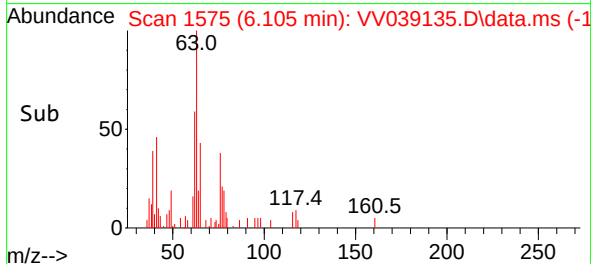
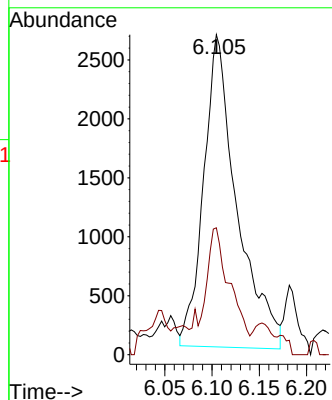
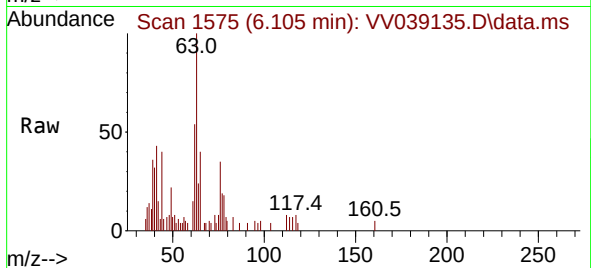
VSTDICC001

Tgt Ion: 63 Resp: 6471

Ion Ratio Lower Upper

63 100

65 35.7 23.7 35.5#



#46

Dibromomethane

Concen: 0.933 ug/l

RT: 6.243 min Scan# 1618

Delta R.T. 0.023 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

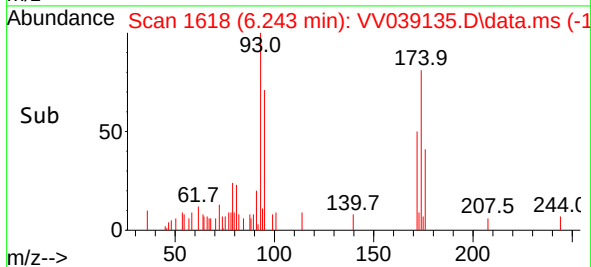
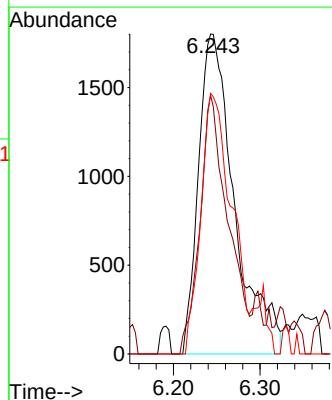
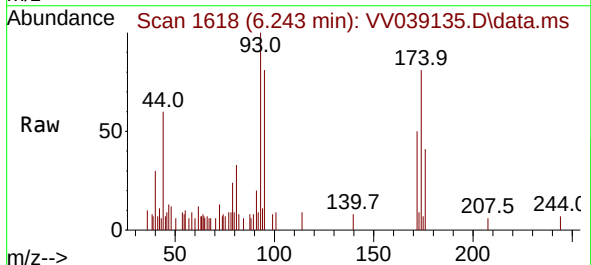
Tgt Ion: 93 Resp: 5217

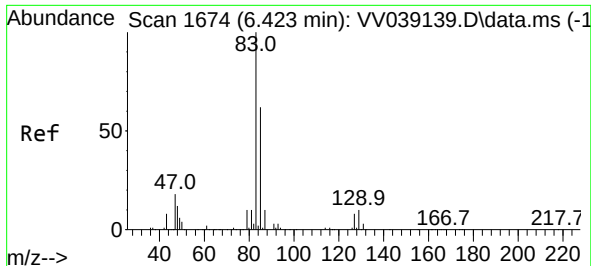
Ion Ratio Lower Upper

93 100

95 63.0 65.5 98.3#

174 69.3 69.0 103.4

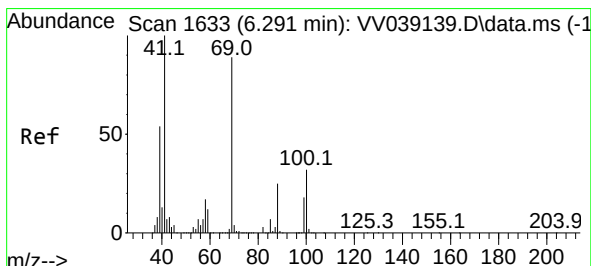
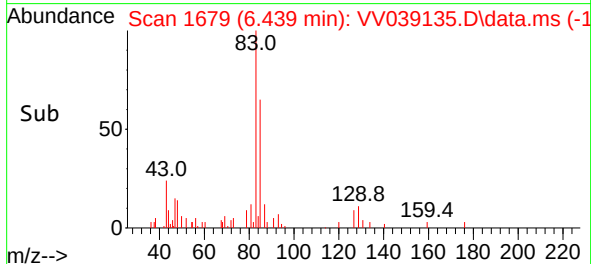
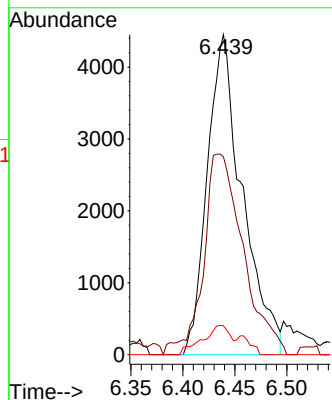
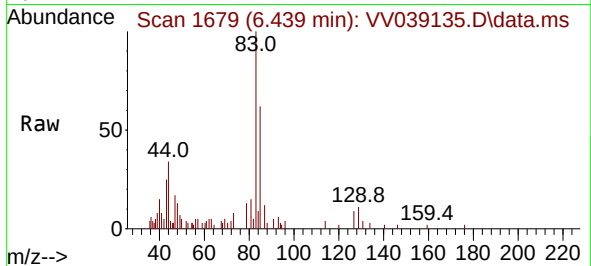




#47
Bromodichloromethane
Concen: 0.905 ug/l
RT: 6.439 min Scan# 1674
Delta R.T. 0.016 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

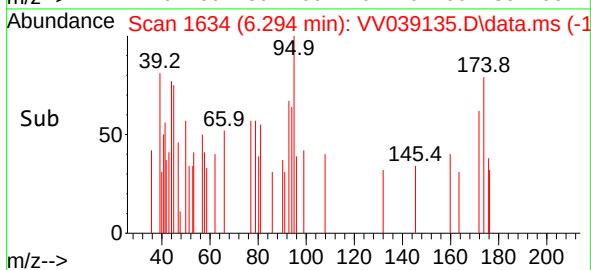
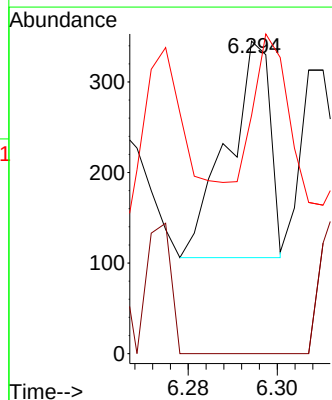
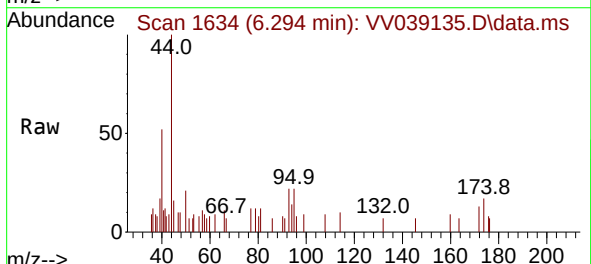
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

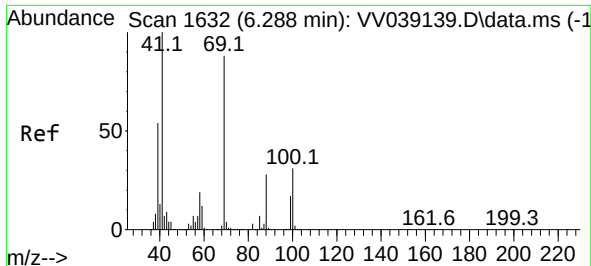
Tgt Ion: 83 Resp: 10459
Ion Ratio Lower Upper
83 100
85 57.7 49.7 74.5
127 9.1 6.6 9.8



#48
Methyl methacrylate
Concen: 0.022 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.003 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 41 Resp: 158
Ion Ratio Lower Upper
41 100
69 0.0 72.4 108.6#
39 71.5 42.5 63.7#





#49

1,4-Dioxane

Concen: 1.710 ug/l

RT: 6.275 min Scan# 1

Delta R.T. -0.013 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

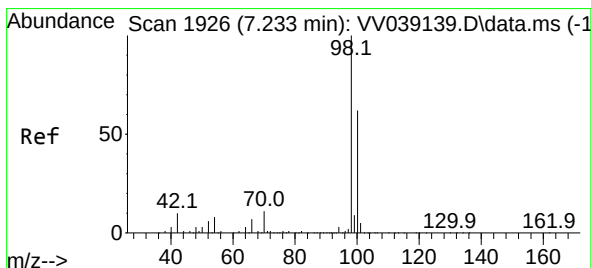
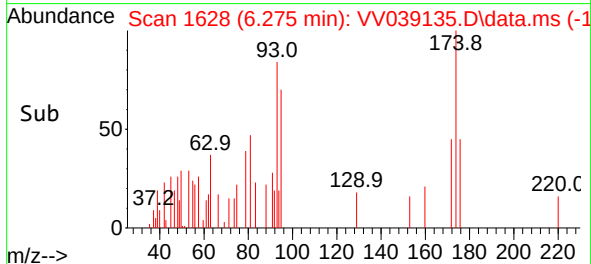
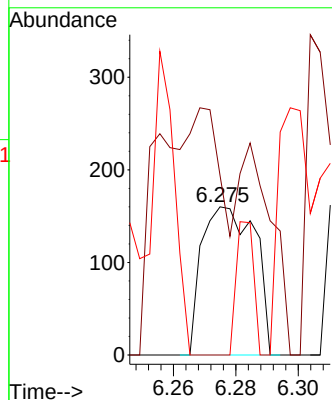
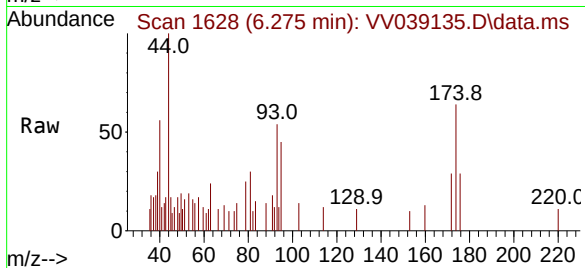
Tgt Ion: 88 Resp: 189

Ion Ratio Lower Upper

88 100

43 90.5 25.1 37.7#

58 29.1 53.6 80.4#



#50

Toluene-d8

Concen: 1.186 ug/l

RT: 7.249 min Scan# 1931

Delta R.T. 0.016 min

Lab File: VV039135.D

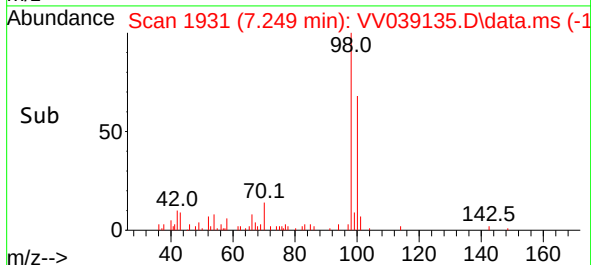
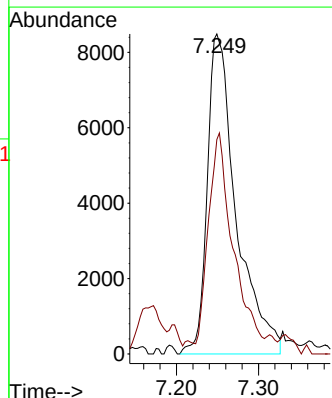
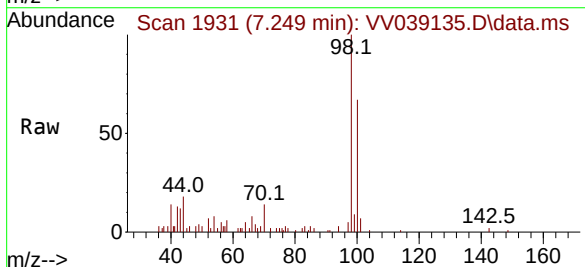
Acq: 22 Sep 2025 10:59

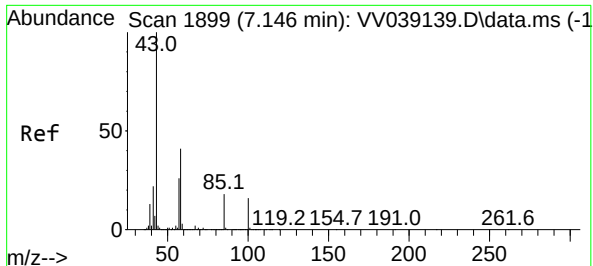
Tgt Ion: 98 Resp: 20802

Ion Ratio Lower Upper

98 100

100 53.9 52.2 78.2

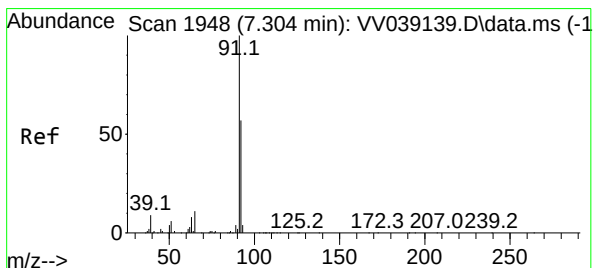
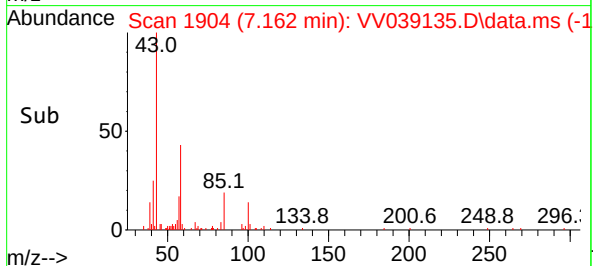
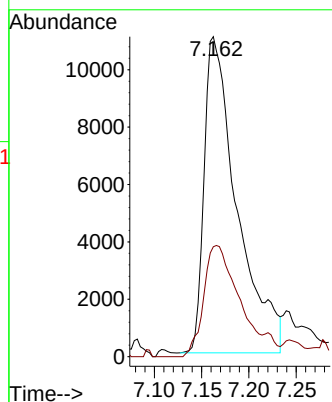
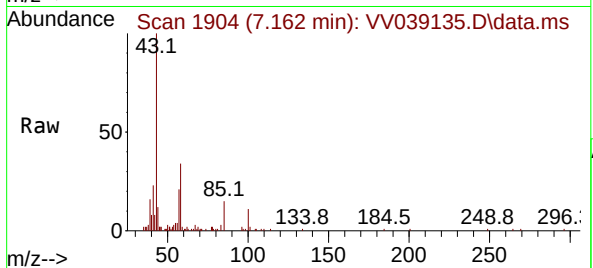




#51
4-Methyl-2-Pentanone
Concen: 2.707 ug/l
RT: 7.162 min Scan# 1904
Delta R.T. 0.016 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

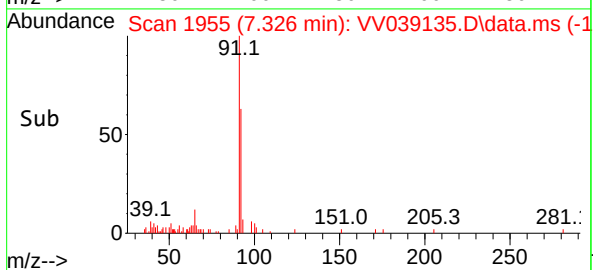
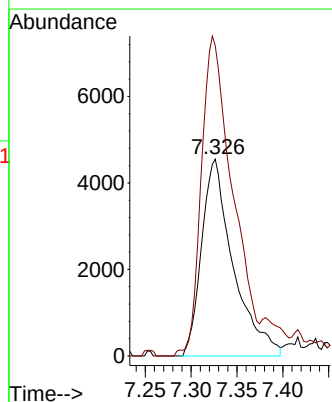
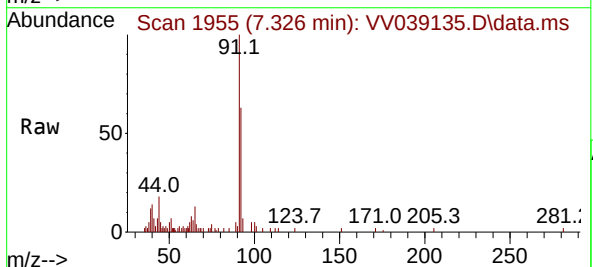
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

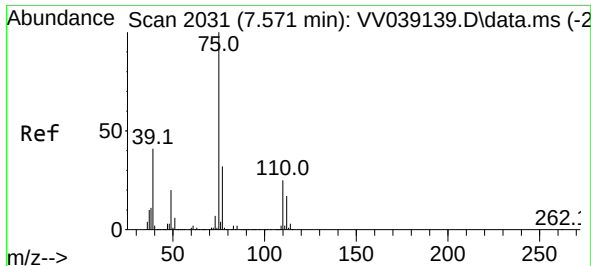
Tgt Ion: 43 Resp: 26605
Ion Ratio Lower Upper
43 100
58 37.0 32.3 48.5



#52
Toluene
Concen: 0.641 ug/l
RT: 7.326 min Scan# 1955
Delta R.T. 0.022 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 92 Resp: 10927
Ion Ratio Lower Upper
92 100
91 159.9 139.2 208.8

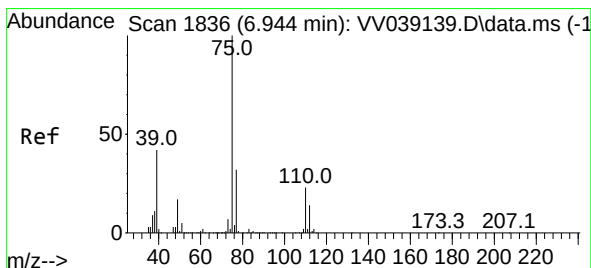
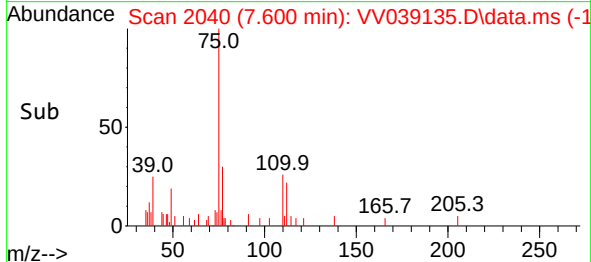
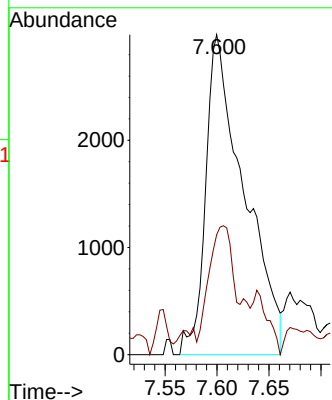
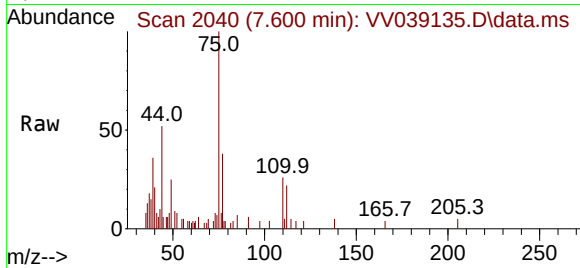




#53
 t-1,3-Dichloropropene
 Concen: 0.759 ug/l
 RT: 7.600 min Scan# 2031
 Delta R.T. 0.029 min
 Lab File: VV039135.D
 Acq: 22 Sep 2025 10:59

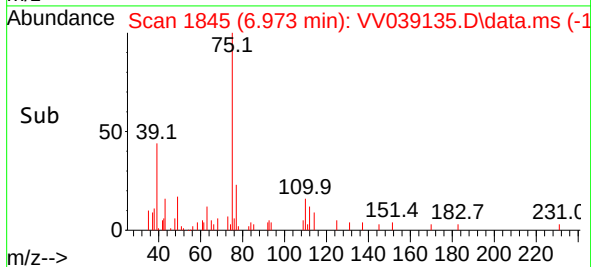
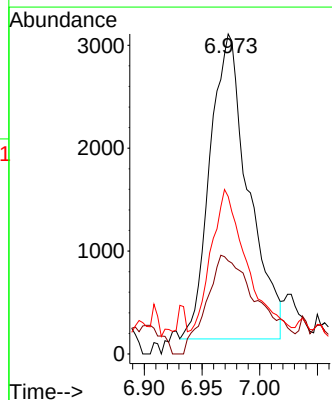
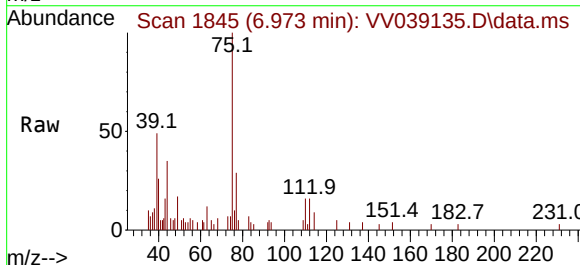
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

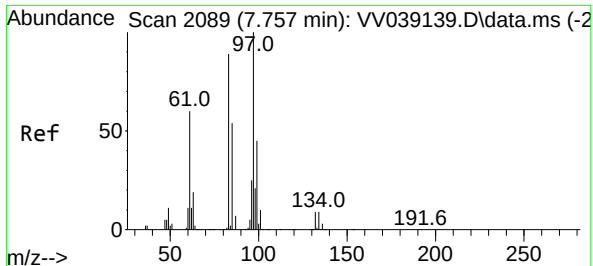
Tgt Ion: 75 Resp: 7644
 Ion Ratio Lower Upper
 75 100
 77 37.5 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 0.614 ug/l
 RT: 6.973 min Scan# 1845
 Delta R.T. 0.029 min
 Lab File: VV039135.D
 Acq: 22 Sep 2025 10:59

Tgt Ion: 75 Resp: 6834
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.5 38.3
 39 39.9 33.8 50.6

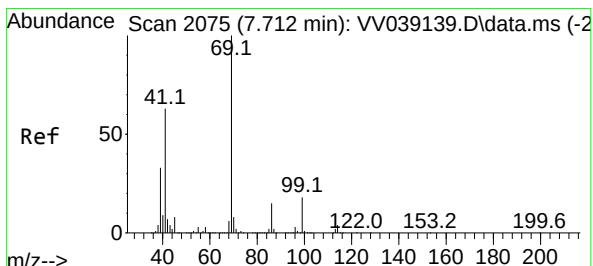
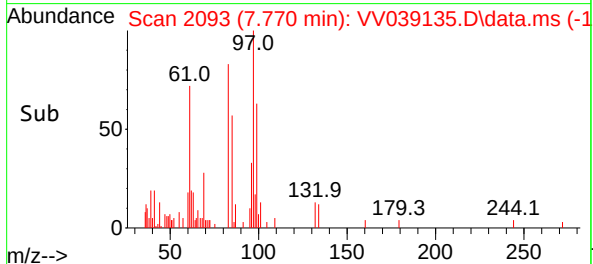
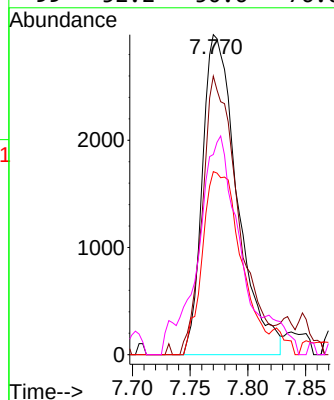
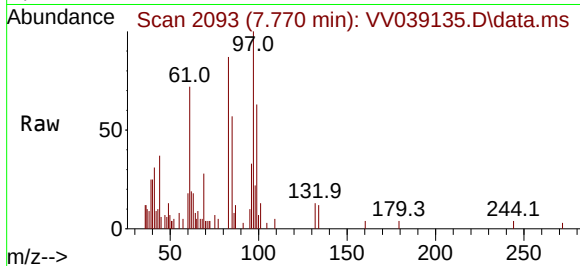




#55
1,1,2-Trichloroethane
Concen: 0.821 ug/l
RT: 7.770 min Scan# 2089
Delta R.T. 0.013 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

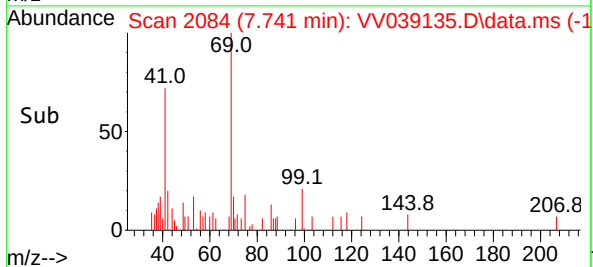
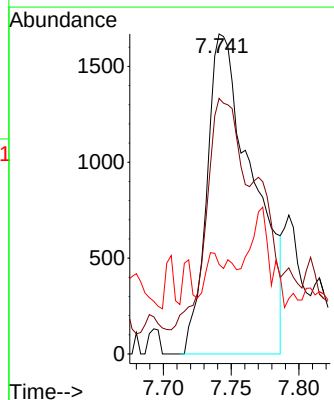
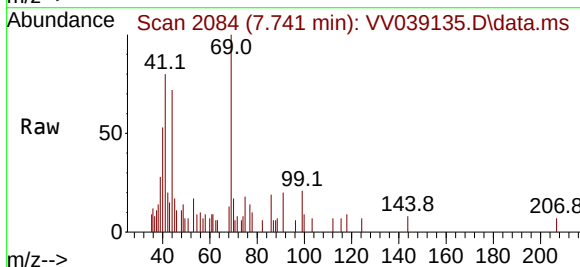
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

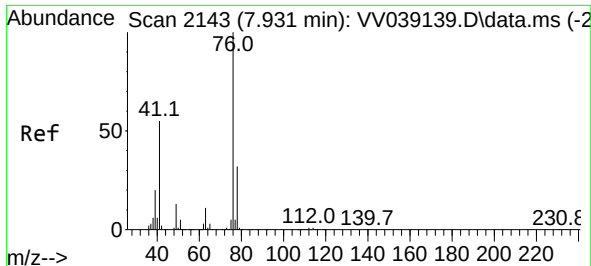
Tgt Ion:	97	Resp:	6272
Ion	Ratio	Lower	Upper
97	100		
83	87.0	71.1	106.7
85	57.2	44.6	67.0
99	52.2	50.6	76.0



#56
Ethyl methacrylate
Concen: 0.436 ug/l
RT: 7.741 min Scan# 2084
Delta R.T. 0.029 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion:	69	Resp:	3954
Ion	Ratio	Lower	Upper
69	100		
41	56.6	50.7	76.1
39	5.3	26.0	39.0#

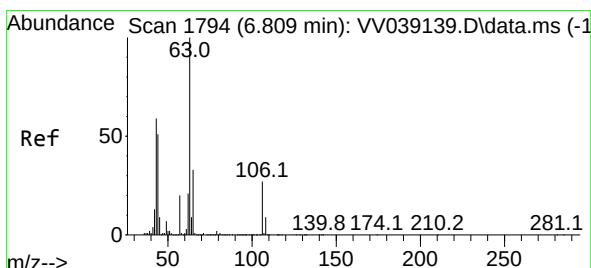
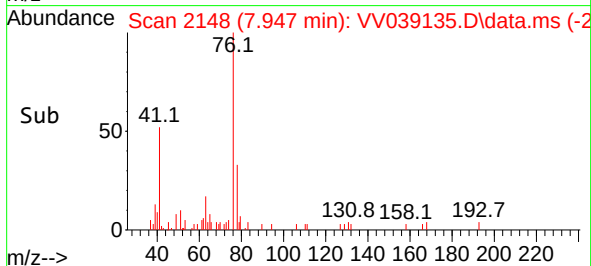
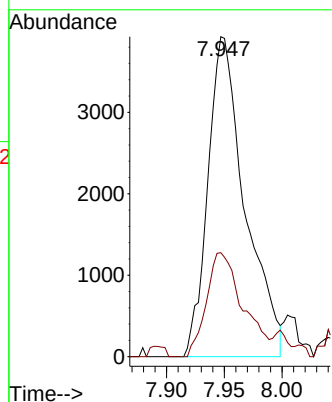
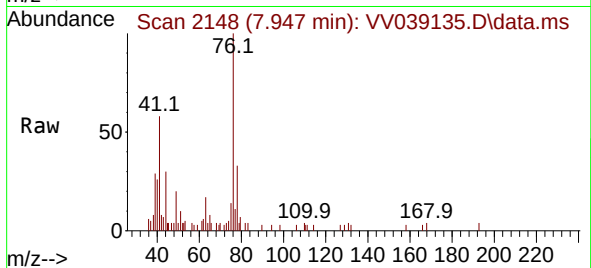




#57
1,3-Dichloropropane
Concen: 0.728 ug/l
RT: 7.947 min Scan# 2143
Delta R.T. 0.016 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

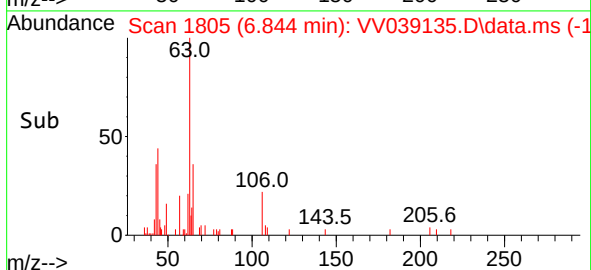
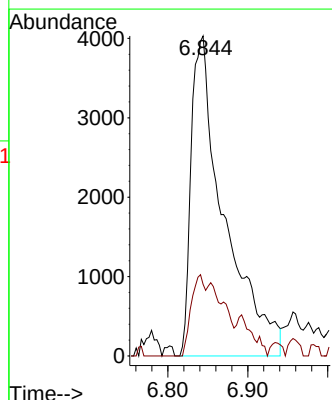
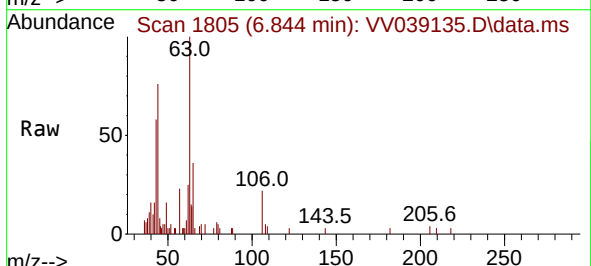
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

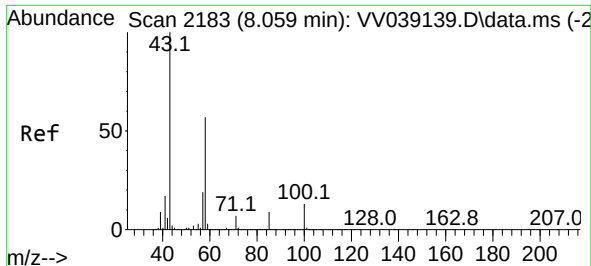
Tgt Ion: 76 Resp: 8786
Ion Ratio Lower Upper
76 100
78 31.8 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 11.557 ug/l
RT: 6.844 min Scan# 1805
Delta R.T. 0.035 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 63 Resp: 11537
Ion Ratio Lower Upper
63 100
106 10.8 22.1 33.1#

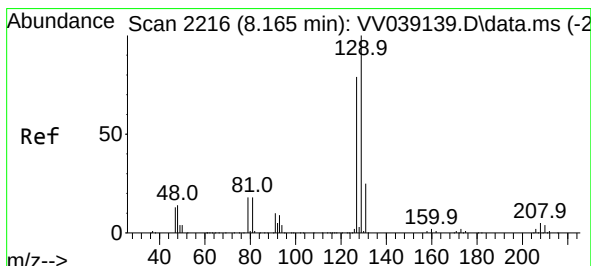
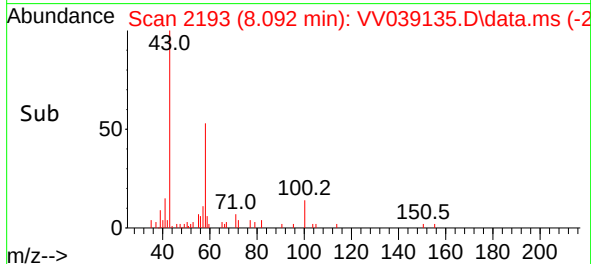
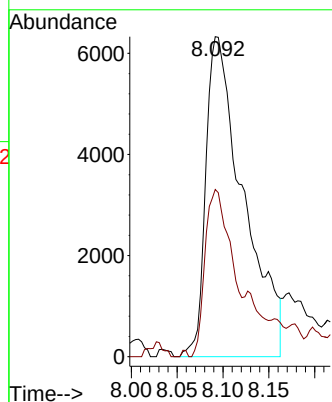
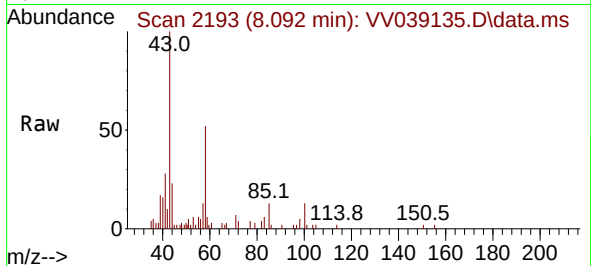




#59
2-Hexanone
Concen: 4.413 ug/l
RT: 8.092 min Scan# 2183
Delta R.T. 0.033 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

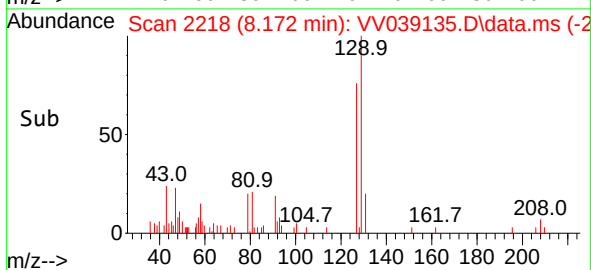
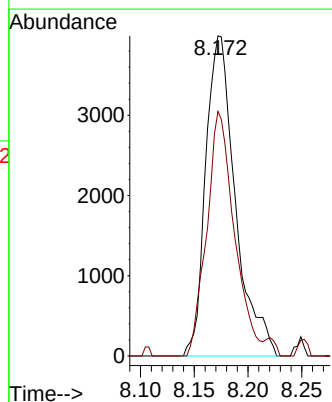
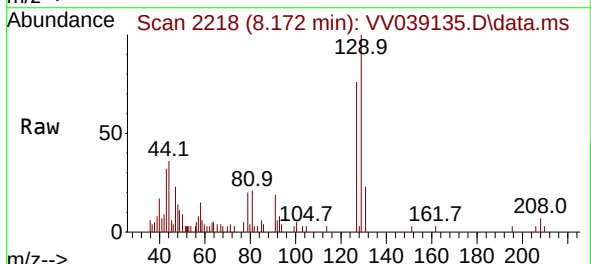
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

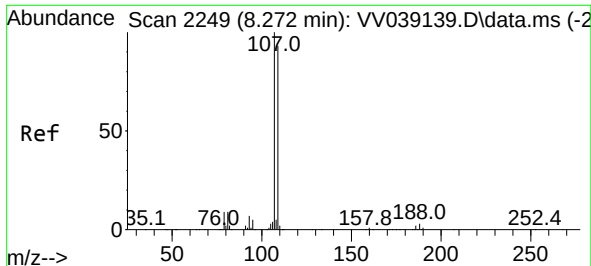
Tgt Ion: 43 Resp: 18024
Ion Ratio Lower Upper
43 100
58 36.4 28.3 85.0



#60
Dibromochloromethane
Concen: 0.880 ug/l
RT: 8.172 min Scan# 2218
Delta R.T. 0.006 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 129 Resp: 7664
Ion Ratio Lower Upper
129 100
127 71.1 39.3 117.9





#61

1,2-Dibromoethane

Concen: 0.761 ug/l

RT: 8.288 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

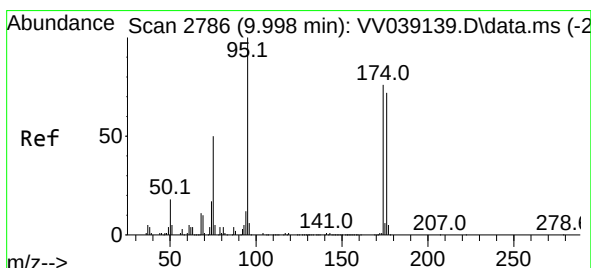
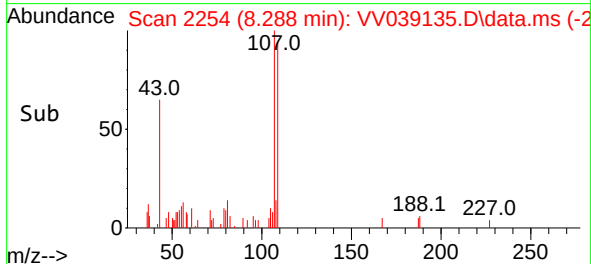
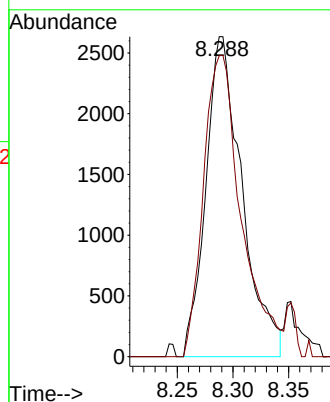
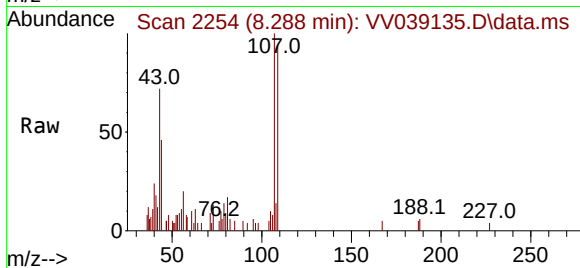
VSTDIC001

Tgt Ion:107 Resp: 5949

Ion Ratio Lower Upper

107 100

109 98.7 74.6 112.0



#62

4-Bromofluorobenzene

Concen: 0.794 ug/l

RT: 10.018 min Scan# 2792

Delta R.T. 0.019 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

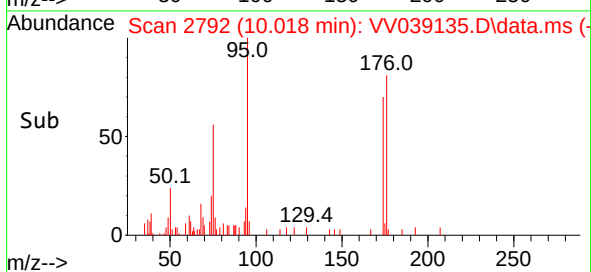
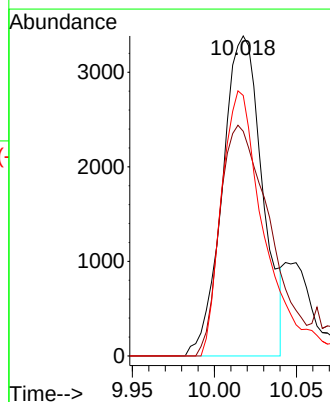
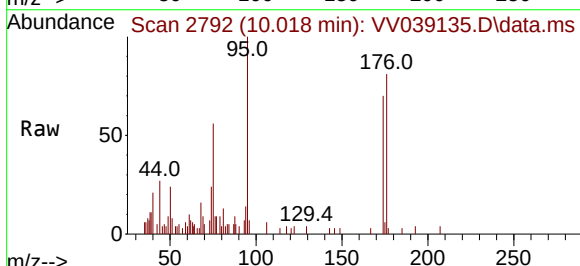
Tgt Ion: 95 Resp: 5735

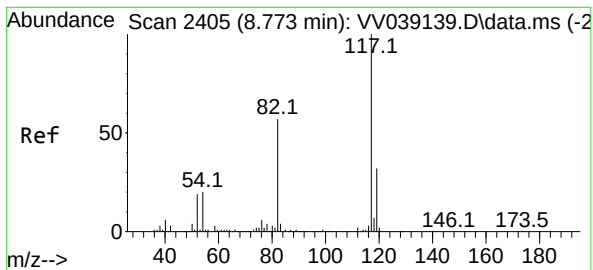
Ion Ratio Lower Upper

95 100

174 90.6 0.0 150.4

176 89.2 0.0 144.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

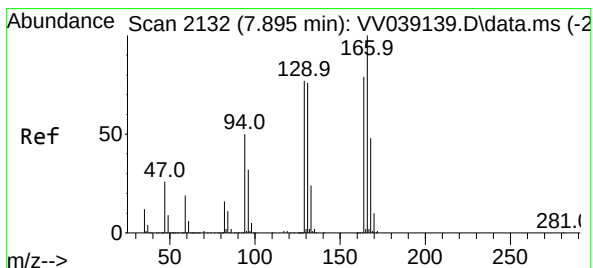
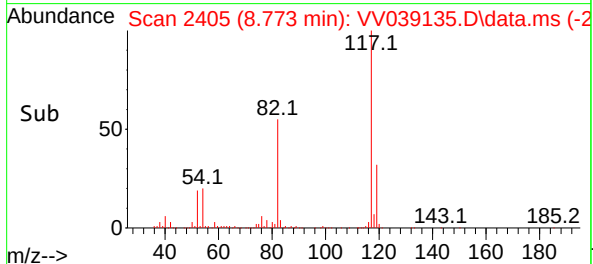
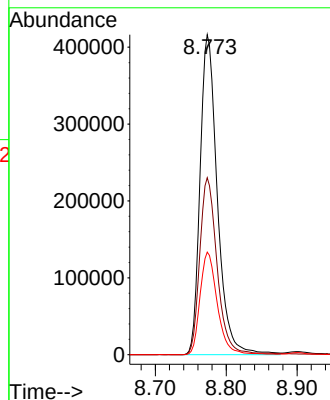
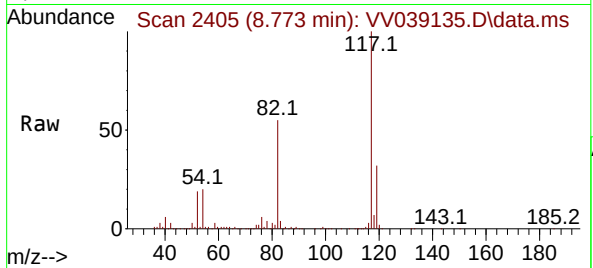
Tgt Ion:117 Resp: 705408

Ion Ratio Lower Upper

117 100

82 55.3 45.4 68.2

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 0.798 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Tgt Ion:164 Resp: 4712

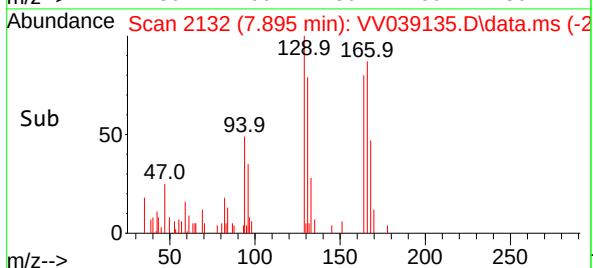
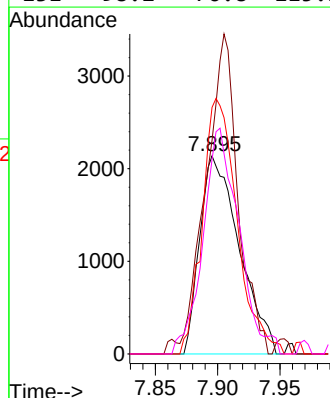
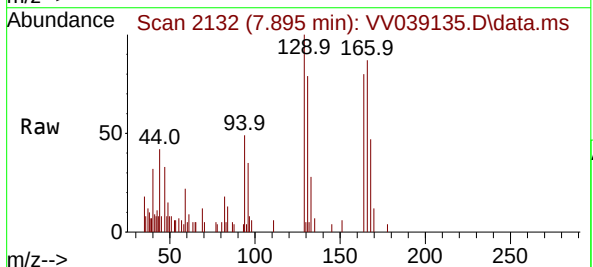
Ion Ratio Lower Upper

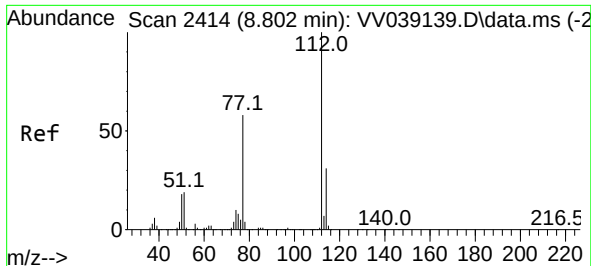
164 100

166 102.6 101.6 152.4

129 124.5 78.5 117.7#

131 98.2 76.8 115.2

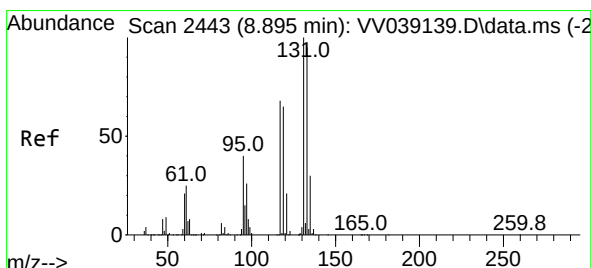
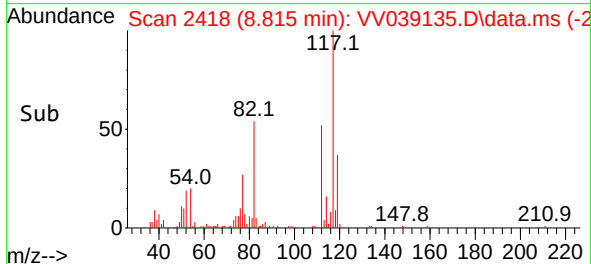
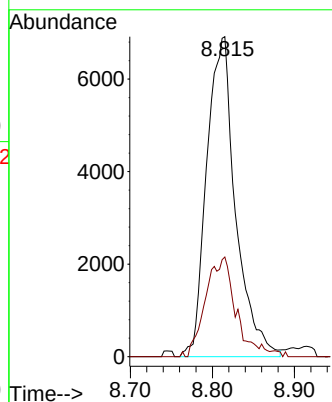
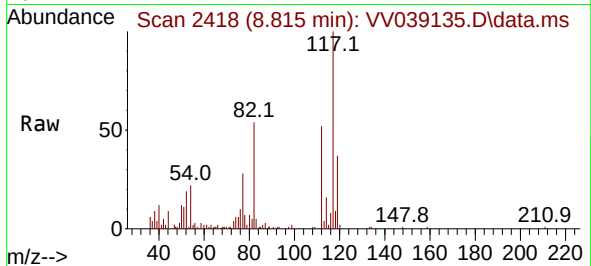




#65
Chlorobenzene
Concen: 0.860 ug/l
RT: 8.815 min Scan# 2418
Delta R.T. 0.013 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

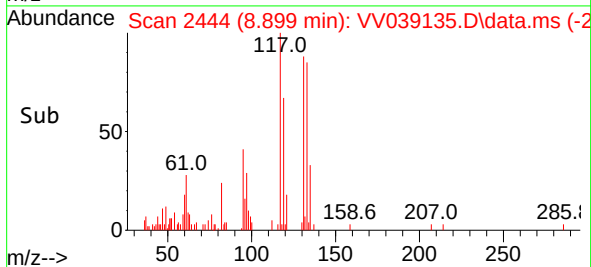
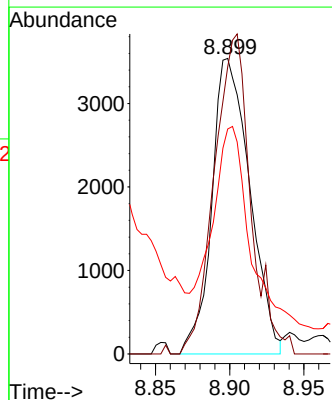
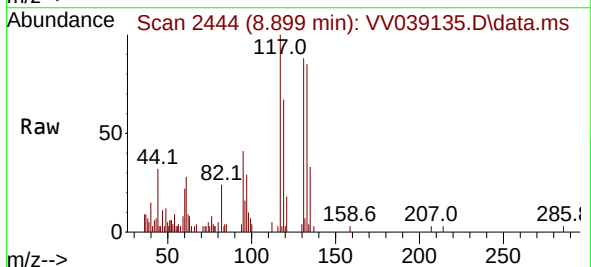
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

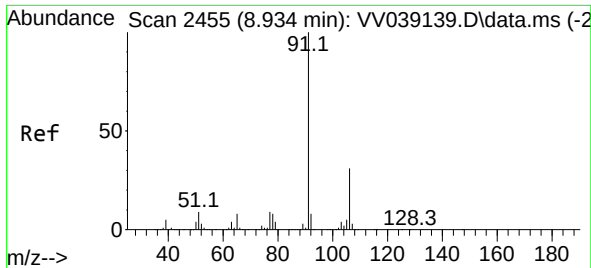
Tgt Ion:112 Resp: 16905
Ion Ratio Lower Upper
112 100
114 31.1 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 0.886 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion:131 Resp: 6292
Ion Ratio Lower Upper
131 100
133 103.9 47.3 141.8
119 0.0 33.3 99.8#

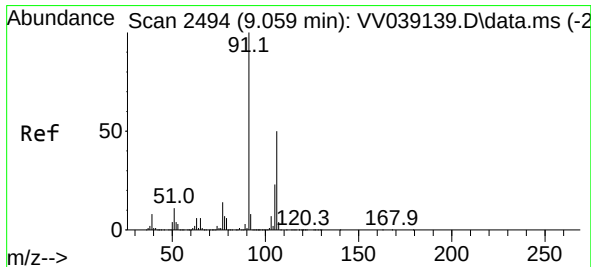
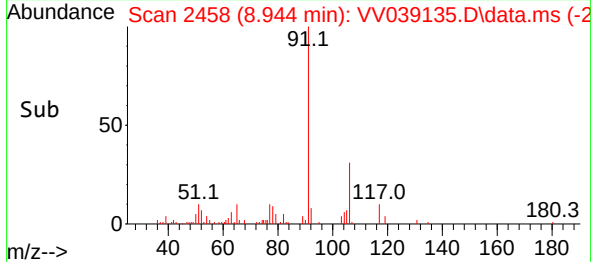
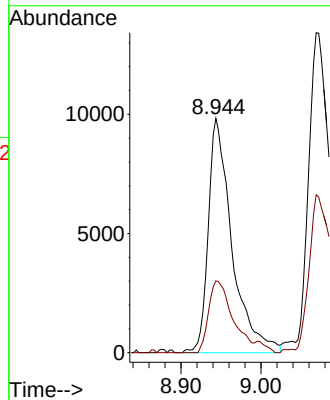
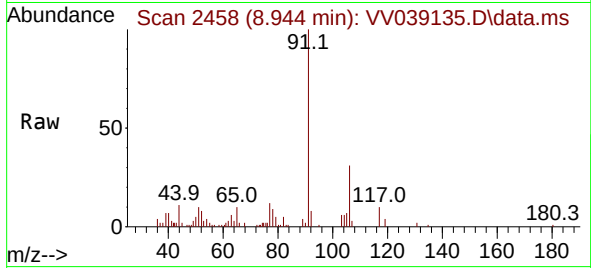




#67
Ethyl Benzene
Concen: 0.682 ug/l
RT: 8.944 min Scan# 2455
Delta R.T. 0.010 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

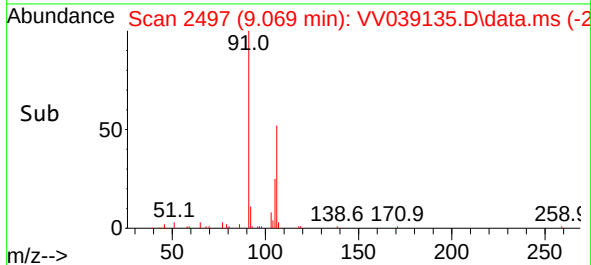
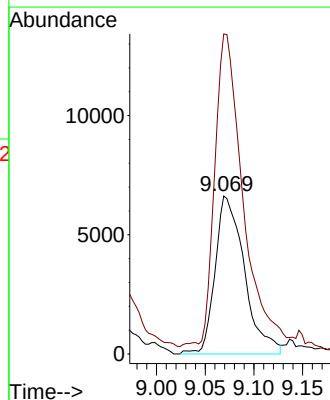
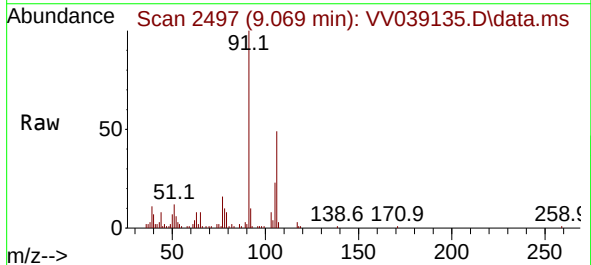
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

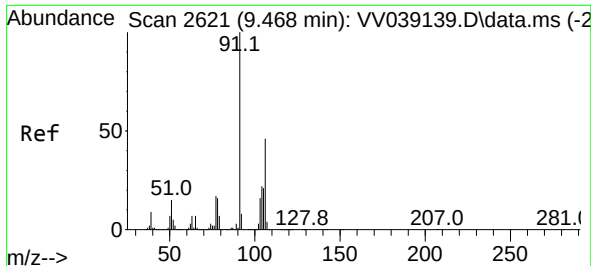
Tgt Ion: 91 Resp: 20274
Ion Ratio Lower Upper
91 100
106 30.7 24.6 37.0



#68
m/p-Xylenes
Concen: 1.208 ug/l
RT: 9.069 min Scan# 2497
Delta R.T. 0.010 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 106 Resp: 13871
Ion Ratio Lower Upper
106 100
91 199.2 162.5 243.7





#69

o-Xylene

Concen: 0.677 ug/l

RT: 9.474 min Scan# 2

Delta R.T. 0.006 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

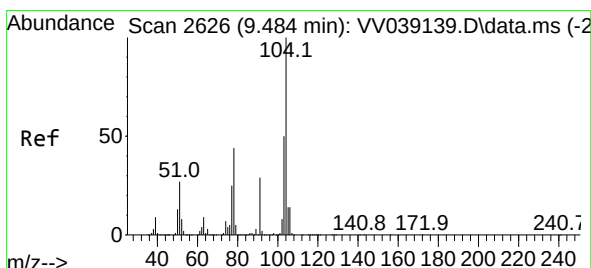
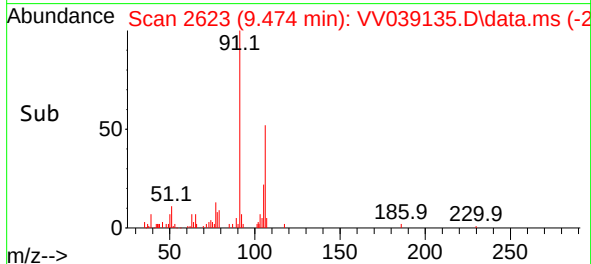
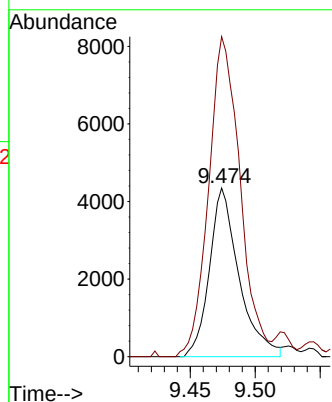
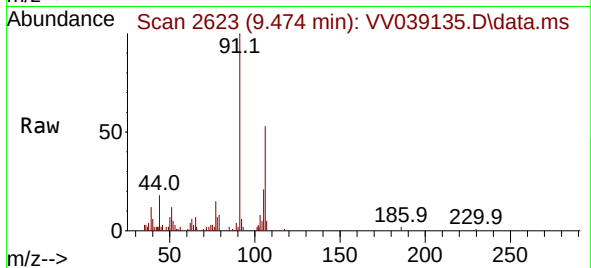
VSTDIC001

Tgt Ion:106 Resp: 6879

Ion Ratio Lower Upper

106 100

91 202.1 109.1 327.3



#70

Styrene

Concen: 1.987 ug/l

RT: 9.506 min Scan# 2633

Delta R.T. 0.022 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

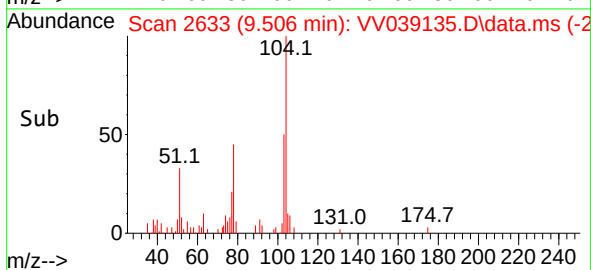
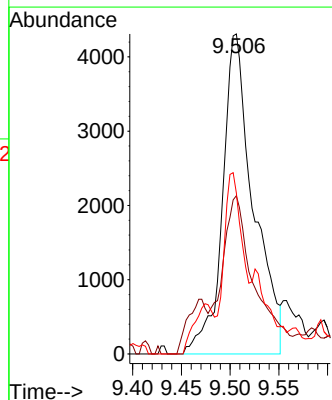
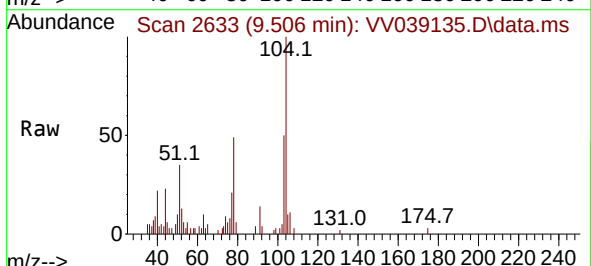
Tgt Ion:104 Resp: 9521

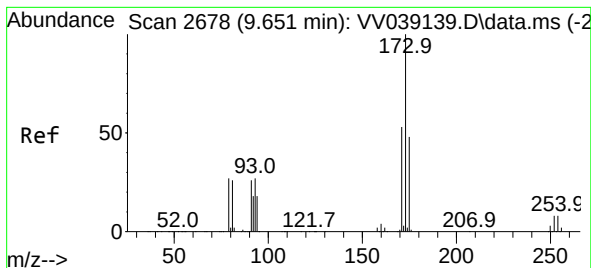
Ion Ratio Lower Upper

104 100

78 45.2 39.8 59.6

103 23.7 43.4 65.2#





#71

Bromoform

Concen: 0.923 ug/l

RT: 9.664 min Scan# 2

Delta R.T. 0.013 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

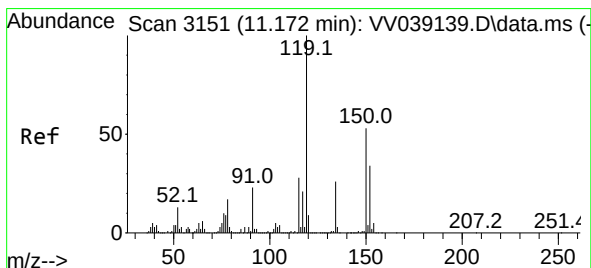
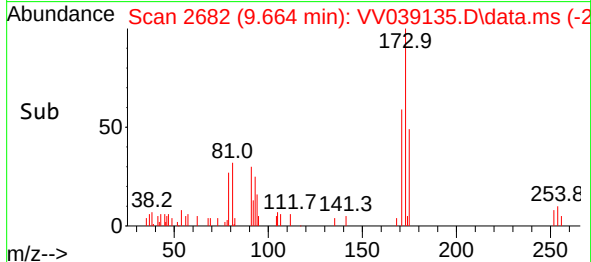
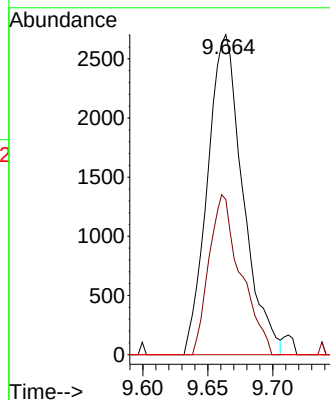
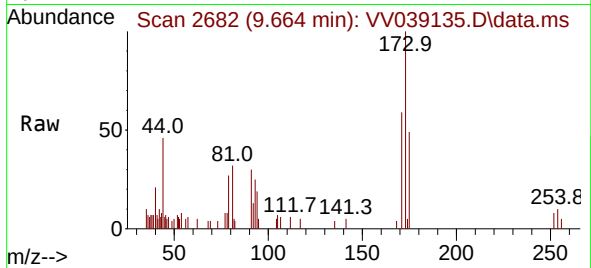
Tgt Ion:173 Resp: 5118

Ion Ratio Lower Upper

173 100

175 44.9 23.9 71.7

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

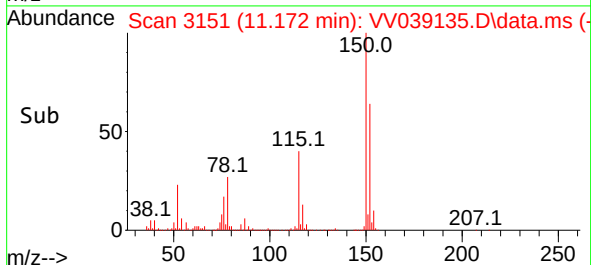
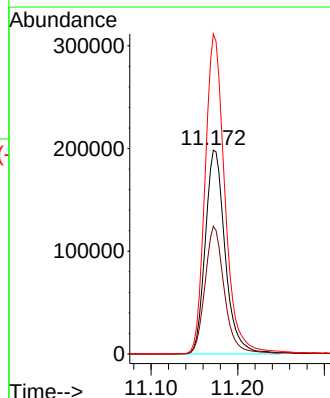
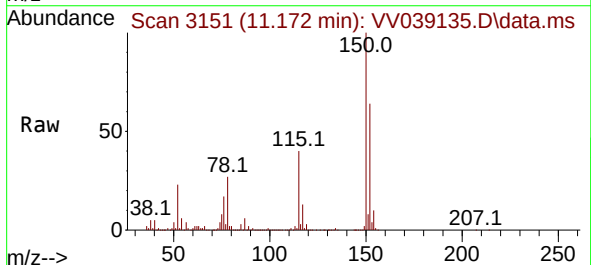
Tgt Ion:152 Resp: 316781

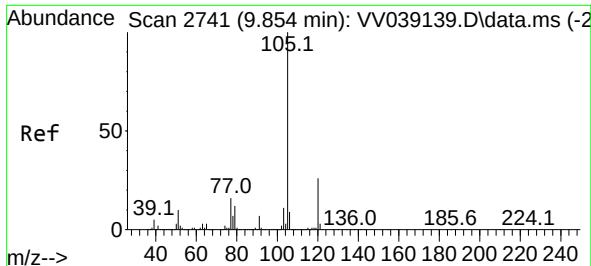
Ion Ratio Lower Upper

152 100

115 61.0 44.8 134.4

150 156.1 0.0 353.8

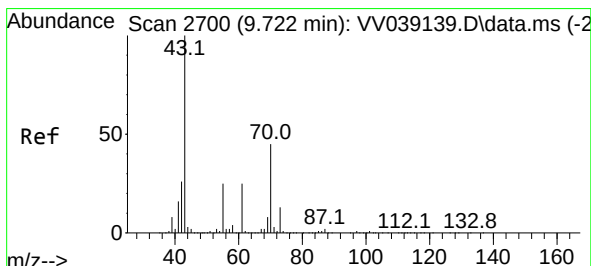
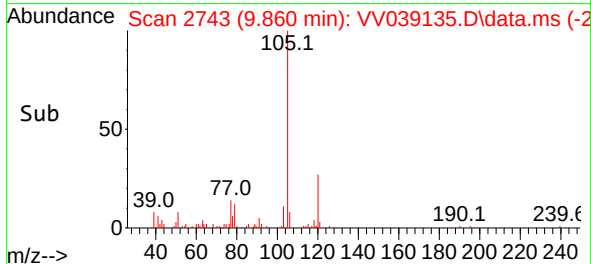
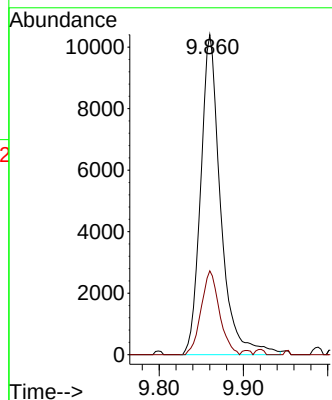
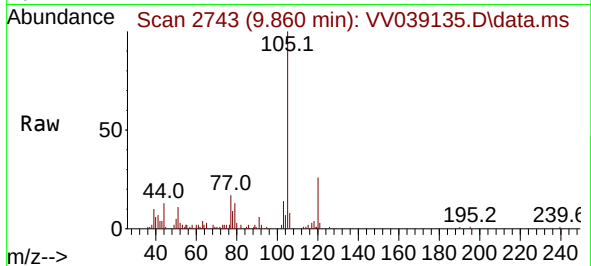




#73
Isopropylbenzene
Concen: 0.746 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

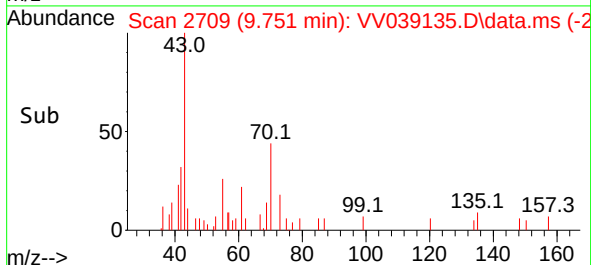
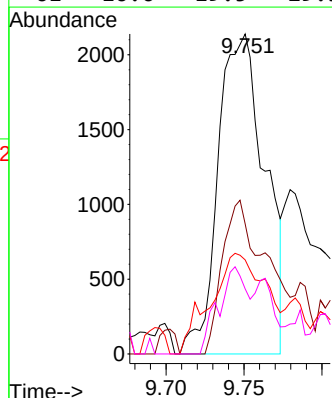
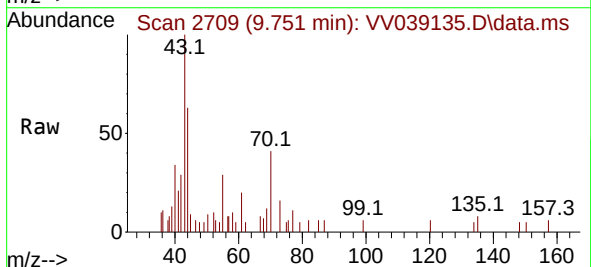
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

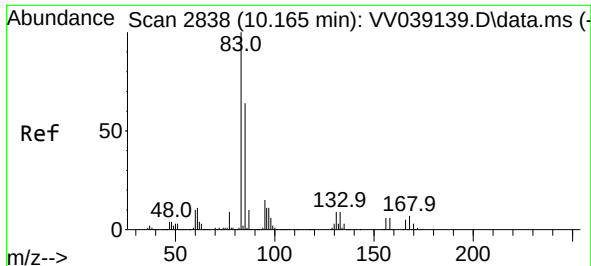
Tgt Ion: 105 Resp: 17139
Ion Ratio Lower Upper
105 100
120 24.0 13.1 39.1



#74
N-ethyl acetate
Concen: 0.486 ug/l
RT: 9.751 min Scan# 2709
Delta R.T. 0.029 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 43 Resp: 4453
Ion Ratio Lower Upper
43 100
70 46.3 35.4 53.0
55 36.9 20.6 30.8#
61 16.6 19.5 29.3#

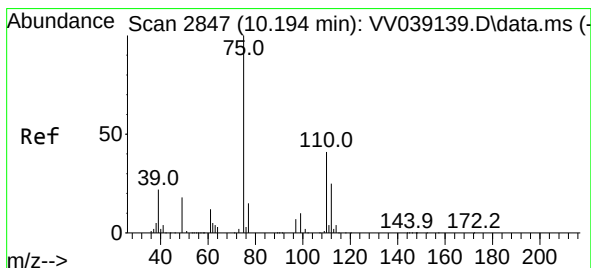
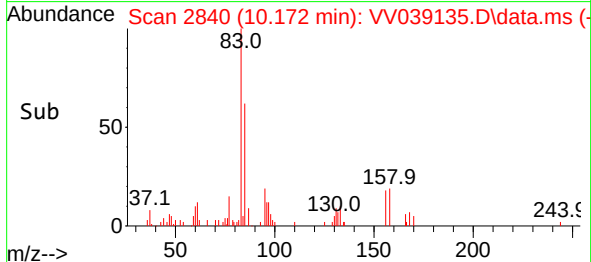
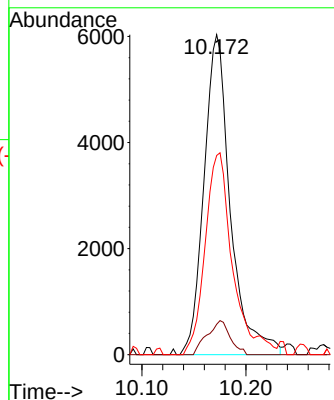
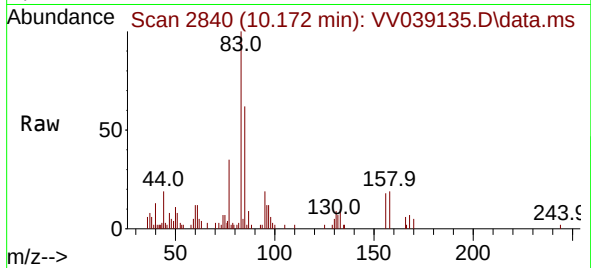




#75
1,1,2,2-Tetrachloroethane
Concen: 1.057 ug/l
RT: 10.172 min Scan# 2840
Delta R.T. 0.006 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

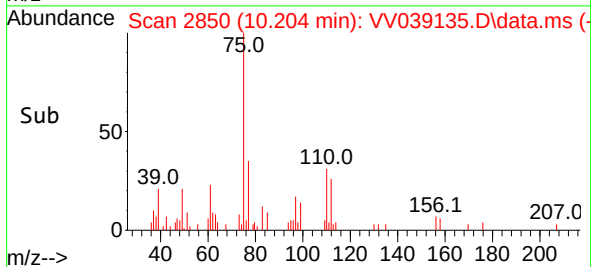
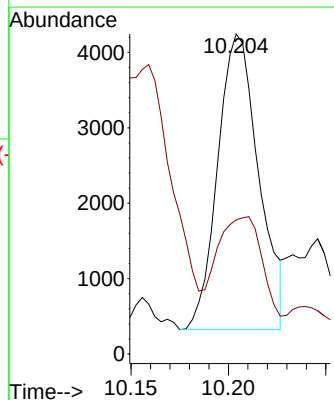
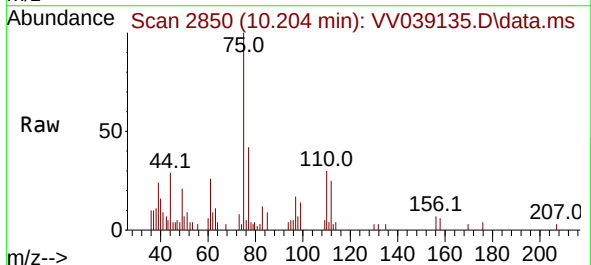
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

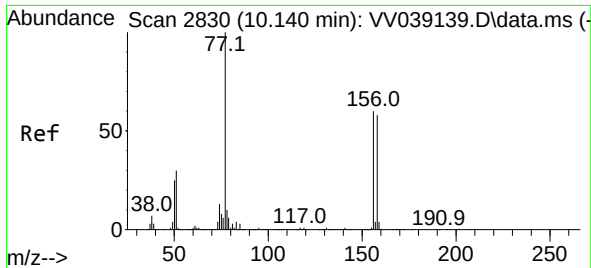
Tgt Ion: 83 Resp: 10638
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.7
85 65.5 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 0.796 ug/l
RT: 10.204 min Scan# 2850
Delta R.T. 0.010 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 75 Resp: 5743
Ion Ratio Lower Upper
75 100
77 36.4 11.3 33.8#

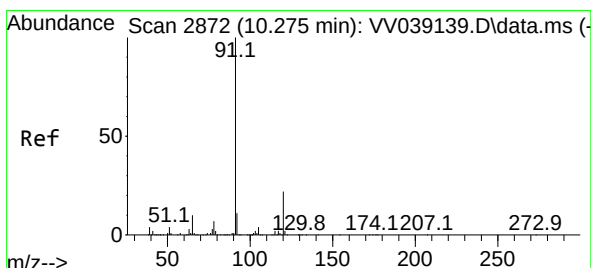
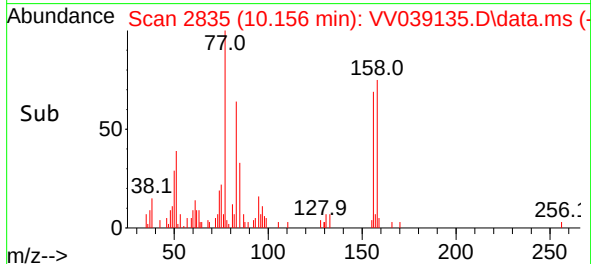
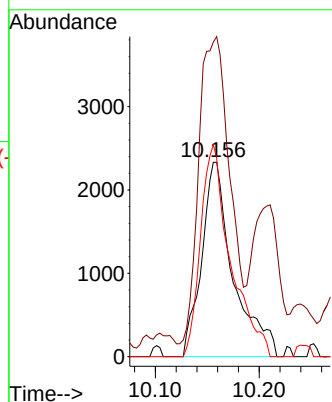
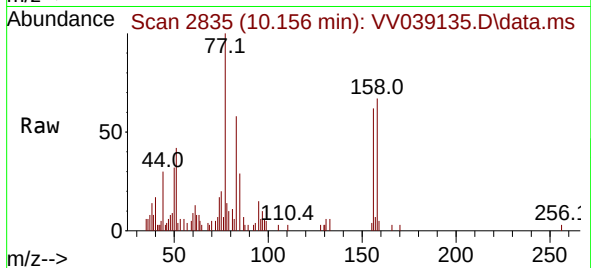




#77
Bromobenzene
Concen: 0.823 ug/l
RT: 10.156 min Scan# 2835
Delta R.T. 0.016 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

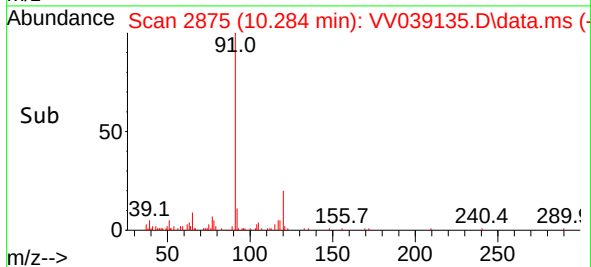
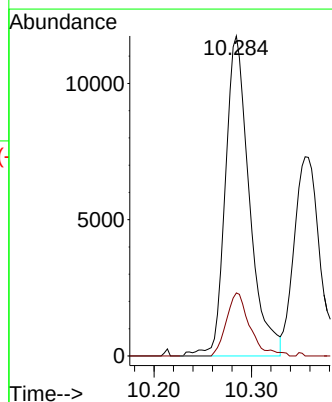
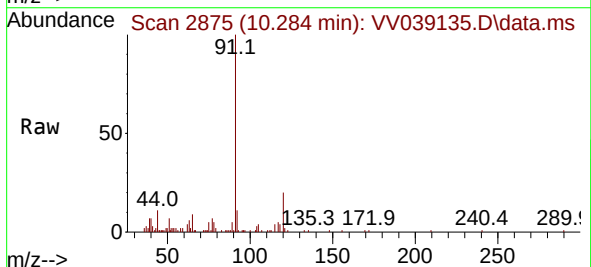
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

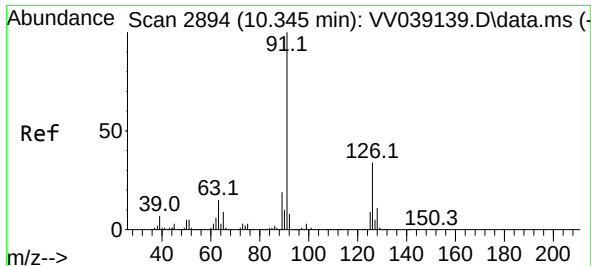
Tgt Ion:156 Resp: 4905
Ion Ratio Lower Upper
156 100
77 154.0 83.4 250.1
158 103.5 48.8 146.4



#78
n-propylbenzene
Concen: 0.720 ug/l
RT: 10.284 min Scan# 2875
Delta R.T. 0.010 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 91 Resp: 20136
Ion Ratio Lower Upper
91 100
120 19.2 11.1 33.3





#79

2-Chlorotoluene

Concen: 0.748 ug/l

RT: 10.355 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

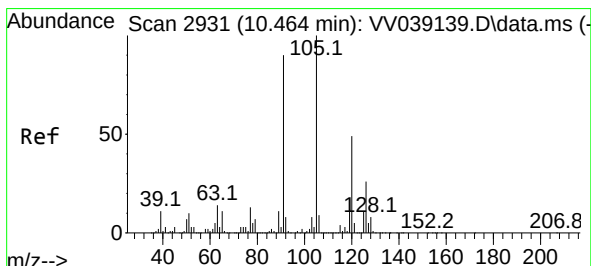
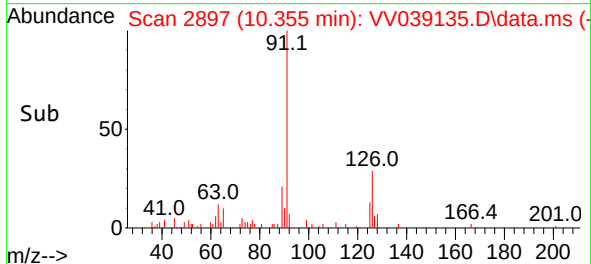
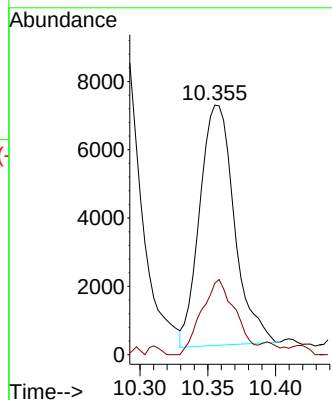
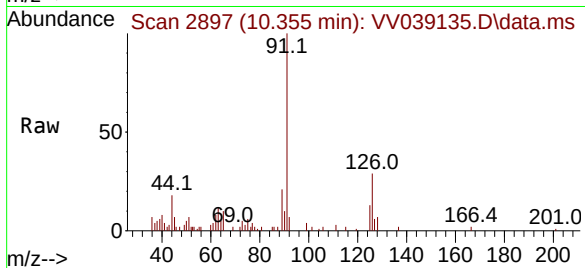
VSTDIC001

Tgt Ion: 91 Resp: 12517

Ion Ratio Lower Upper

91 100

126 30.7 16.7 50.0



#80

1,3,5-Trimethylbenzene

Concen: 0.650 ug/l

RT: 10.468 min Scan# 2932

Delta R.T. 0.003 min

Lab File: VV039135.D

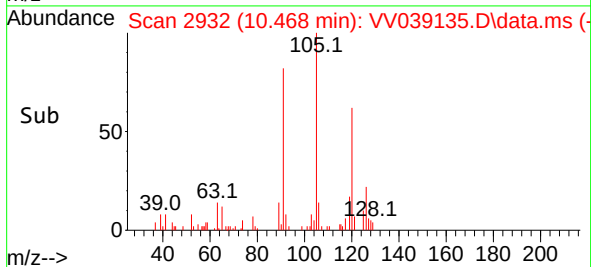
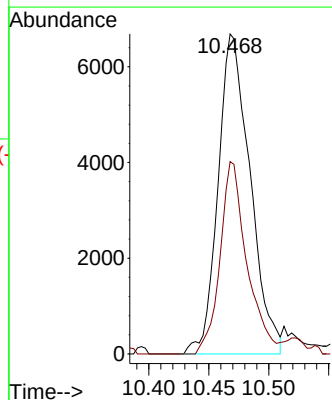
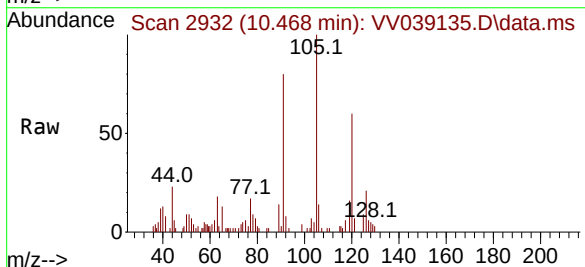
Acq: 22 Sep 2025 10:59

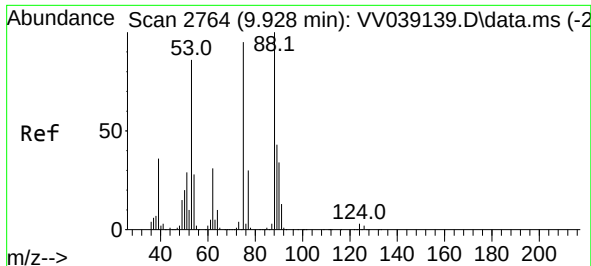
Tgt Ion: 105 Resp: 12411

Ion Ratio Lower Upper

105 100

120 50.2 24.3 72.8

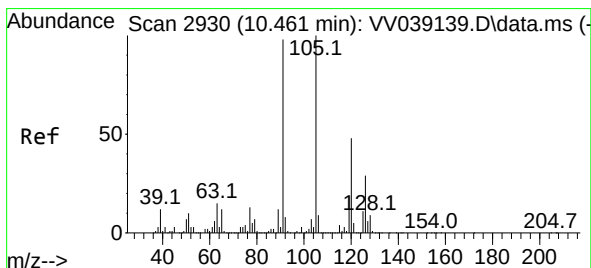
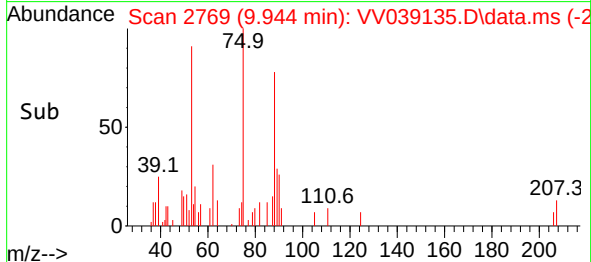
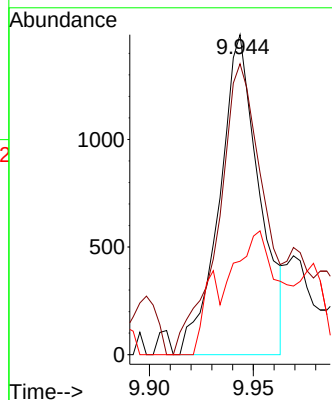
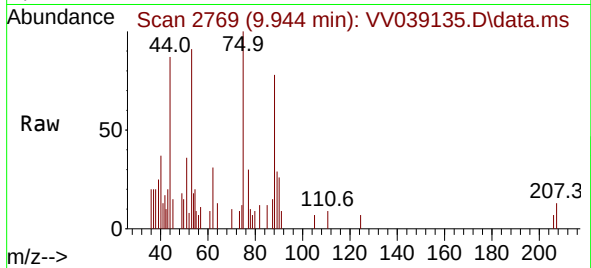




#81
trans-1,4-Dichloro-2-butene
Concen: 0.659 ug/l
RT: 9.944 min Scan# 2179
Delta R.T. 0.016 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

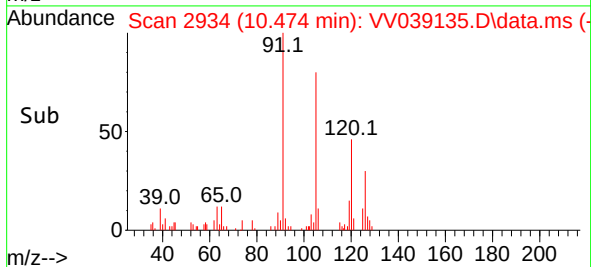
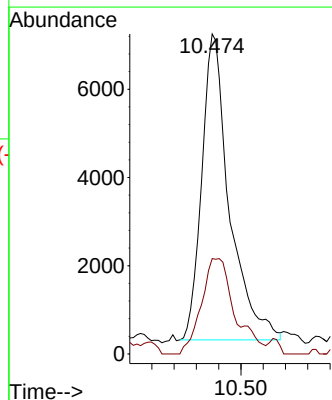
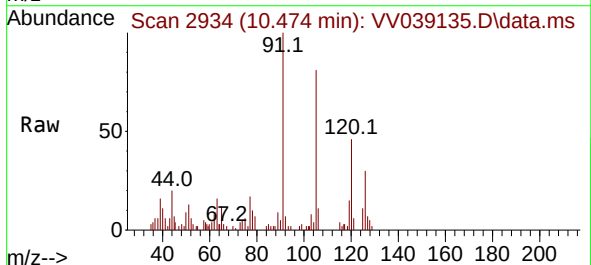
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

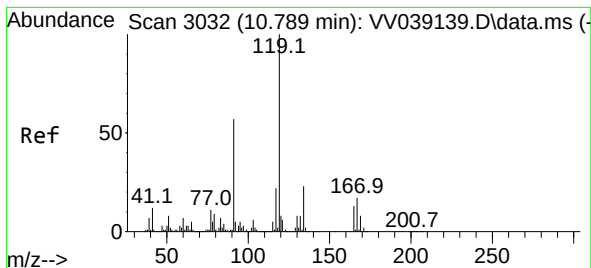
Tgt Ion: 75 Resp: 1979
Ion Ratio Lower Upper
75 100
53 101.5 72.5 108.7
89 26.8 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.615 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.013 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion: 91 Resp: 11945
Ion Ratio Lower Upper
91 100
126 37.6 14.5 43.6





#83

tert-Butylbenzene

Concen: 0.771 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

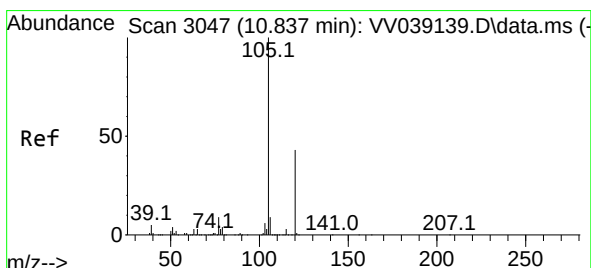
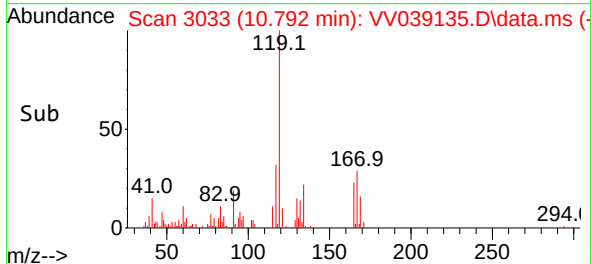
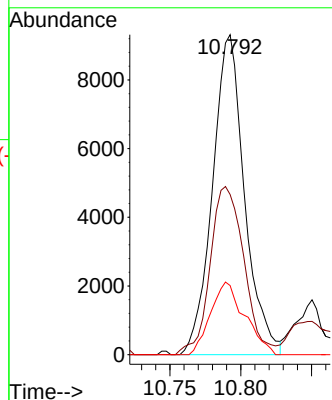
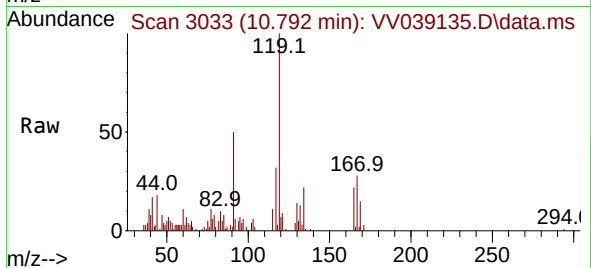
Tgt Ion:119 Resp: 14677

Ion Ratio Lower Upper

119 100

91 55.4 28.5 85.6

134 24.2 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 0.698 ug/l

RT: 10.847 min Scan# 3050

Delta R.T. 0.010 min

Lab File: VV039135.D

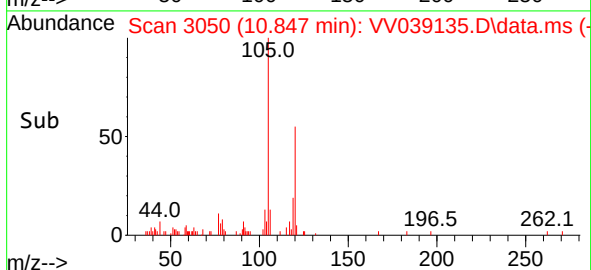
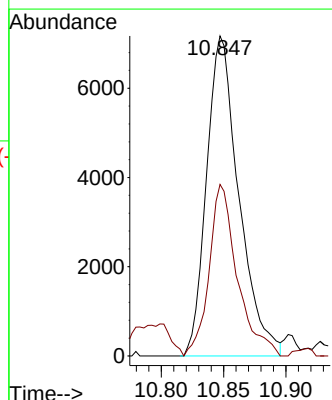
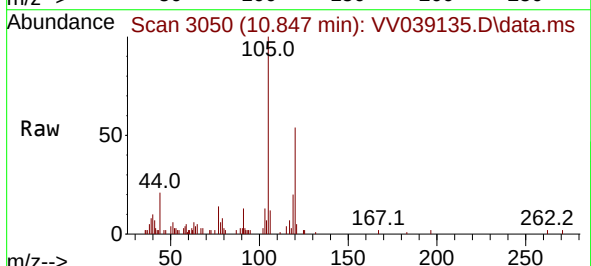
Acq: 22 Sep 2025 10:59

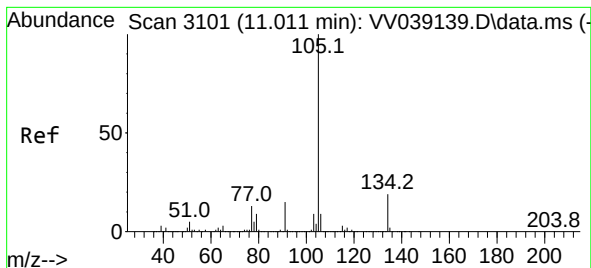
Tgt Ion:105 Resp: 12942

Ion Ratio Lower Upper

105 100

120 46.7 22.4 67.2





#85

sec-Butylbenzene

Concen: 0.636 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

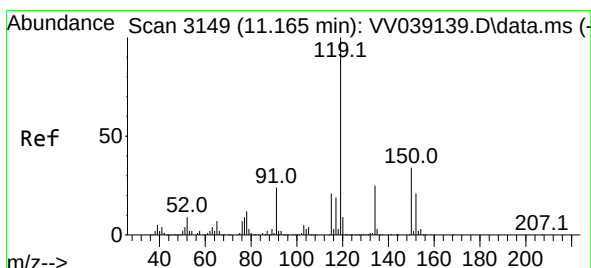
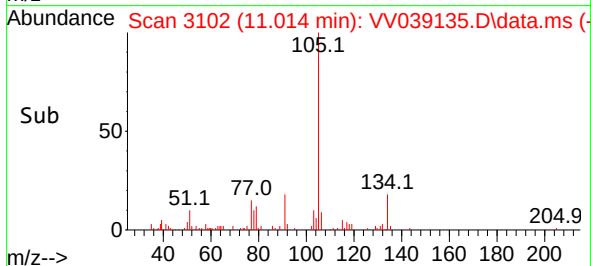
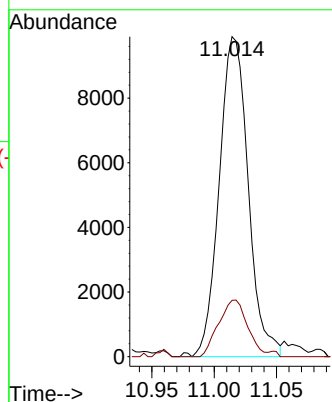
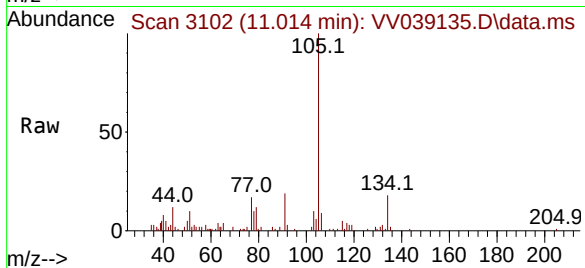
VSTDIC001

Tgt Ion:105 Resp: 16074

Ion Ratio Lower Upper

105 100

134 18.1 9.6 28.8



#86

p-Isopropyltoluene

Concen: 0.694 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.006 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

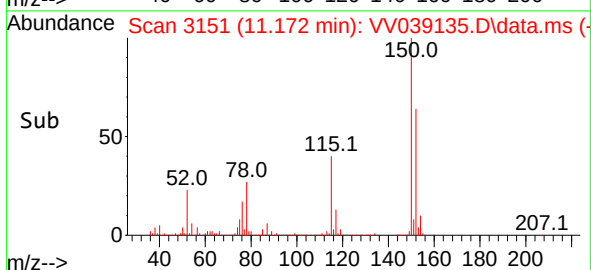
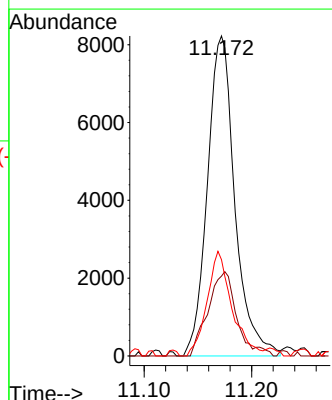
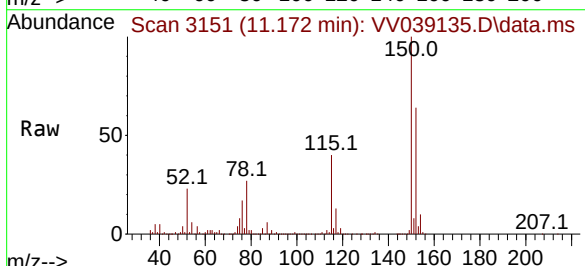
Tgt Ion:119 Resp: 14591

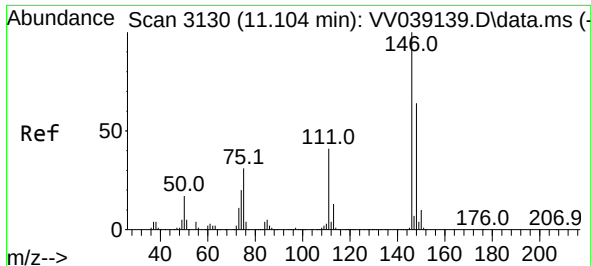
Ion Ratio Lower Upper

119 100

134 27.5 12.7 38.0

91 29.5 12.0 36.1

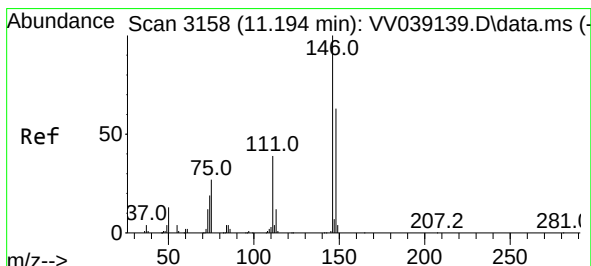
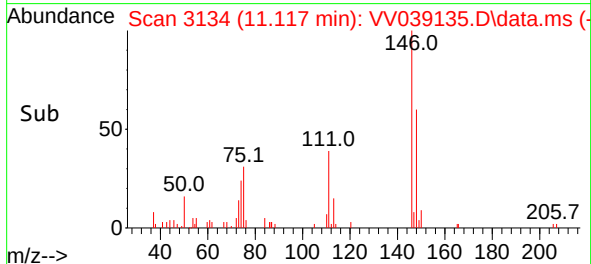
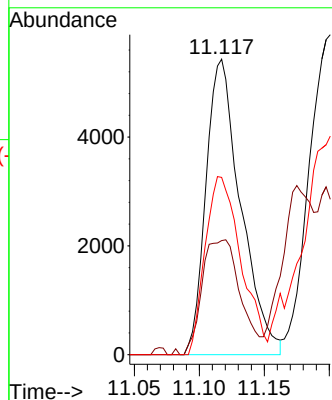
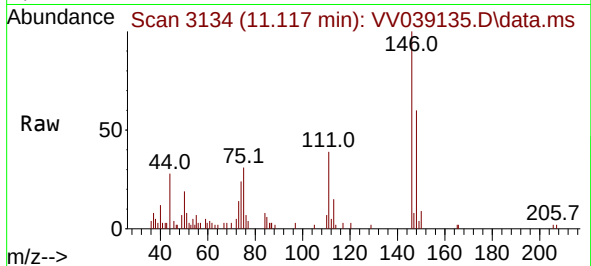




#87
1,3-Dichlorobenzene
Concen: 0.838 ug/l
RT: 11.117 min Scan# 3134
Delta R.T. 0.013 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

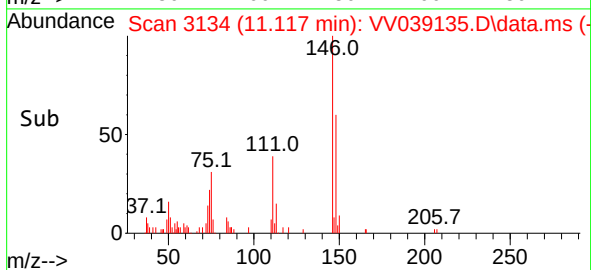
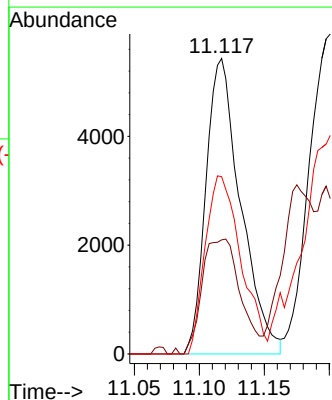
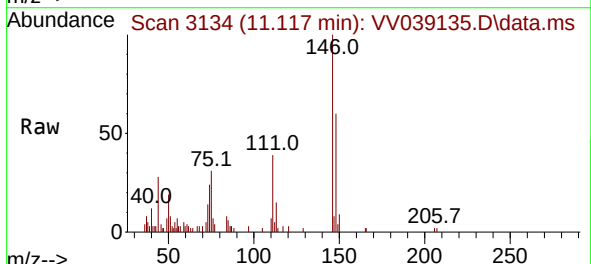
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

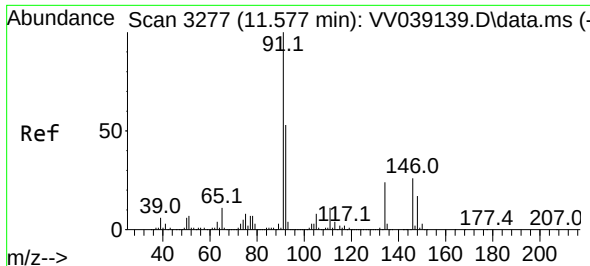
Tgt Ion:146 Resp: 10108
Ion Ratio Lower Upper
146 100
111 43.0 20.9 62.8
148 62.4 31.8 95.3



#88
1,4-Dichlorobenzene
Concen: 0.758 ug/l
RT: 11.117 min Scan# 3134
Delta R.T. -0.077 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion:146 Resp: 10108
Ion Ratio Lower Upper
146 100
111 43.0 20.3 60.8
148 62.4 31.4 94.2





#89

n-Butylbenzene

Concen: 0.716 ug/l

RT: 11.587 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

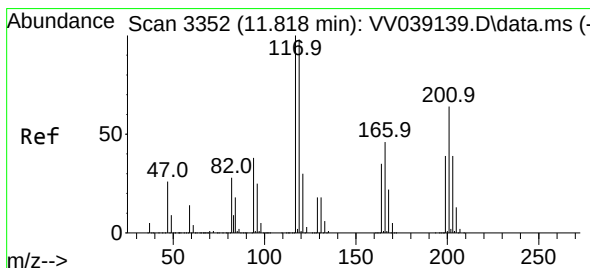
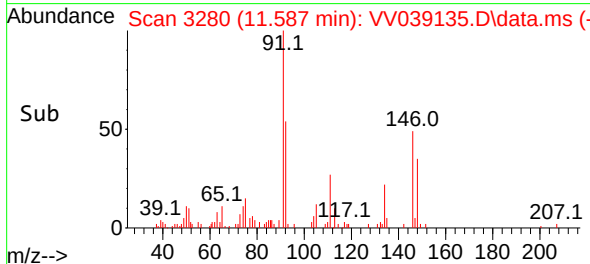
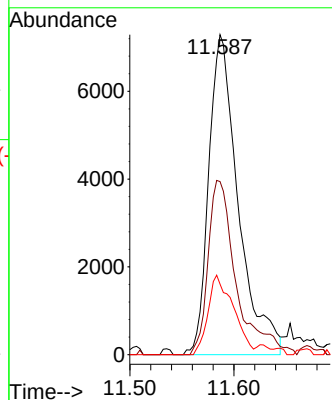
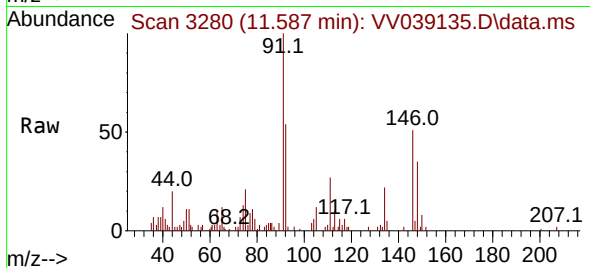
Tgt Ion: 91 Resp: 14370

Ion Ratio Lower Upper

91 100

92 52.1 26.6 79.8

134 21.5 12.1 36.3



#90

Hexachloroethane

Concen: 1.047 ug/l

RT: 11.825 min Scan# 3354

Delta R.T. 0.006 min

Lab File: VV039135.D

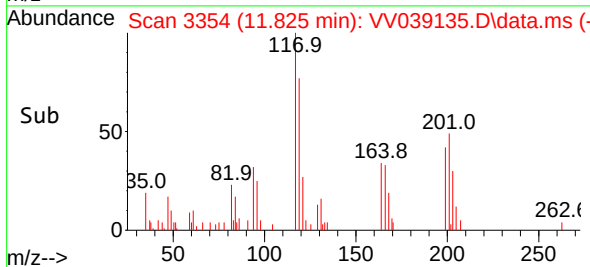
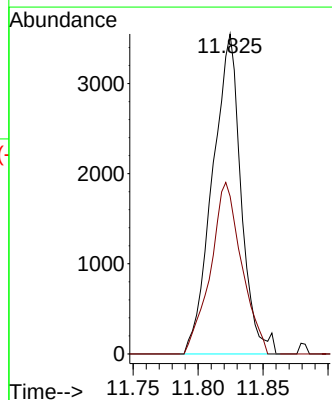
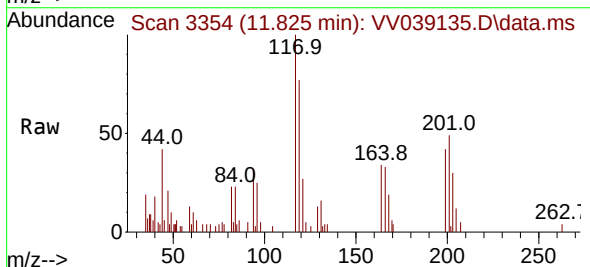
Acq: 22 Sep 2025 10:59

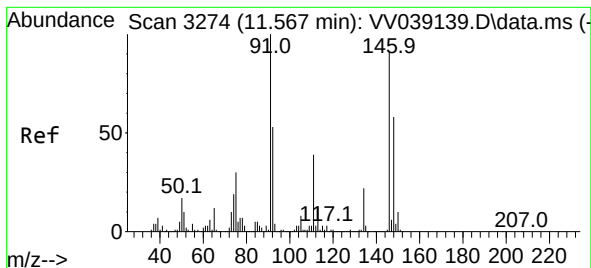
Tgt Ion: 117 Resp: 5421

Ion Ratio Lower Upper

117 100

201 58.2 32.3 96.8





#91

1,2-Dichlorobenzene

Concen: 0.913 ug/l

RT: 11.577 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

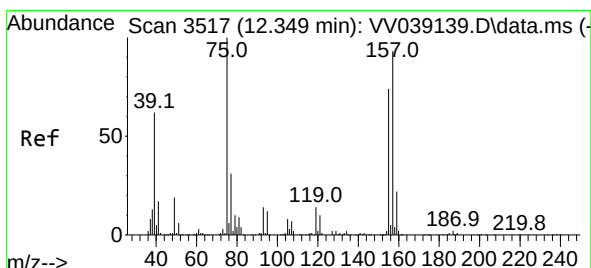
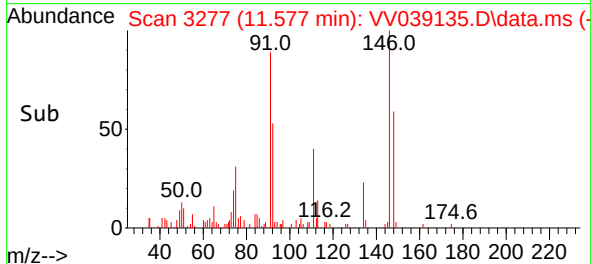
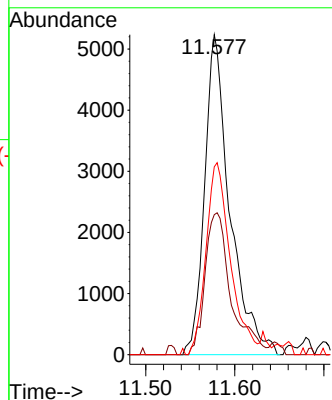
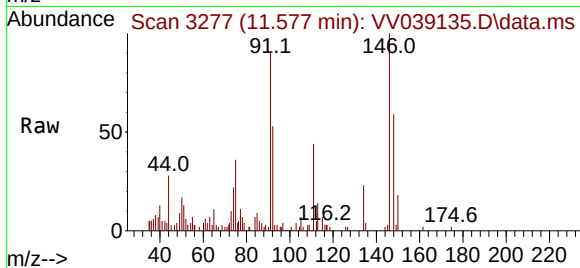
Tgt Ion:146 Resp: 10293

Ion Ratio Lower Upper

146 100

111 45.7 21.5 64.5

148 58.0 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.235 ug/l

RT: 12.358 min Scan# 3520

Delta R.T. 0.009 min

Lab File: VV039135.D

Acq: 22 Sep 2025 10:59

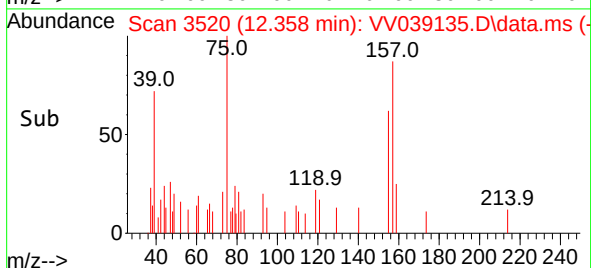
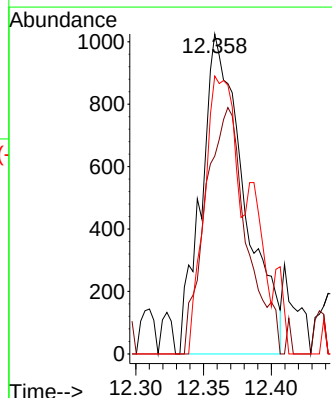
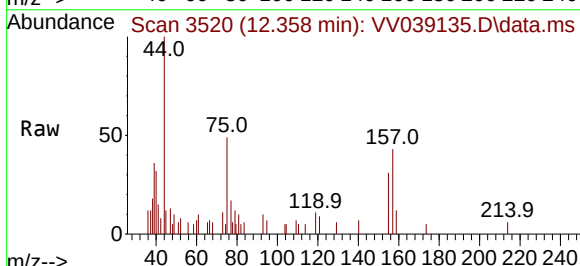
Tgt Ion: 75 Resp: 2263

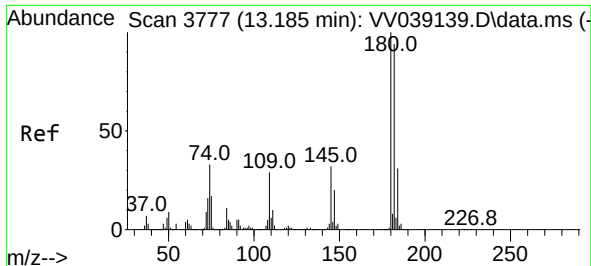
Ion Ratio Lower Upper

75 100

155 73.9 38.6 115.8

157 63.6 49.5 148.3

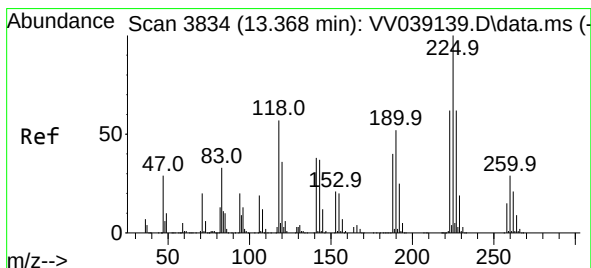
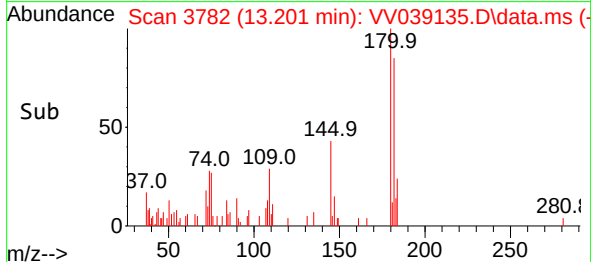
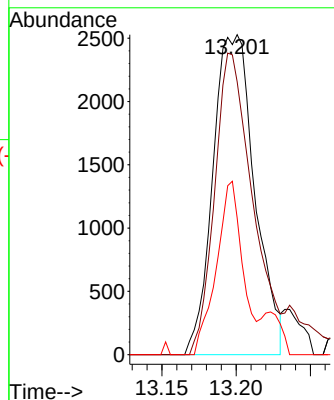
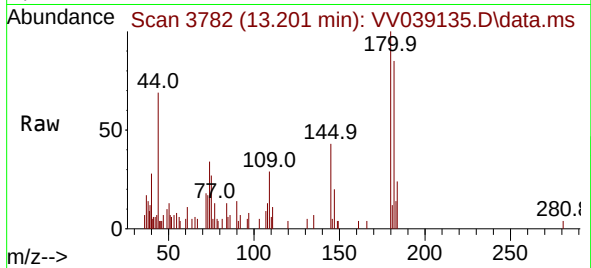




#93
1,2,4-Trichlorobenzene
Concen: 0.766 ug/l
RT: 13.201 min Scan# 31
Delta R.T. 0.016 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

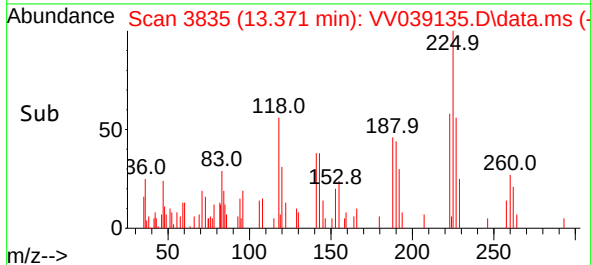
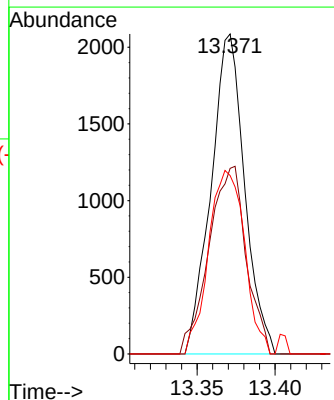
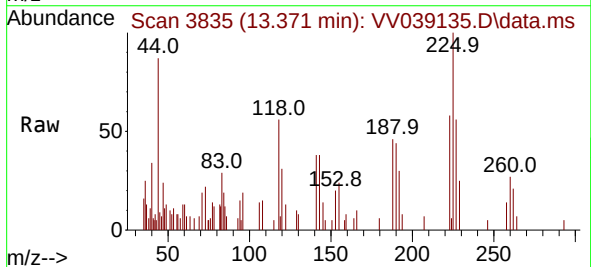
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

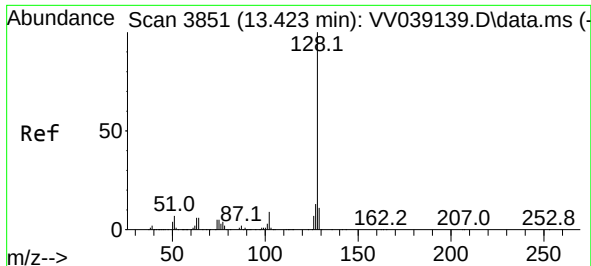
Tgt Ion:180 Resp: 4950
Ion Ratio Lower Upper
180 100
182 86.5 47.1 141.4
145 34.1 16.3 48.8



#94
Hexachlorobutadiene
Concen: 0.930 ug/l
RT: 13.371 min Scan# 3835
Delta R.T. 0.003 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion:225 Resp: 3123
Ion Ratio Lower Upper
225 100
223 65.2 31.6 94.7
227 61.6 31.8 95.4

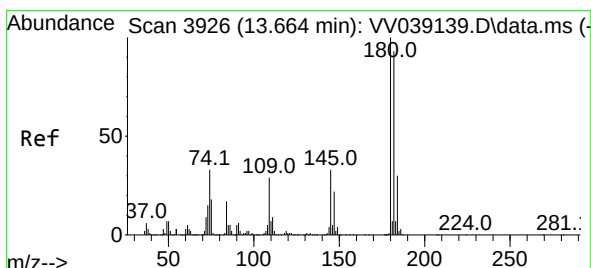
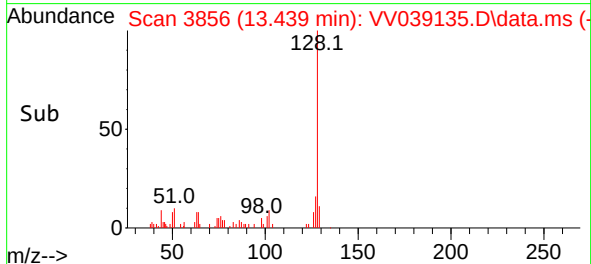
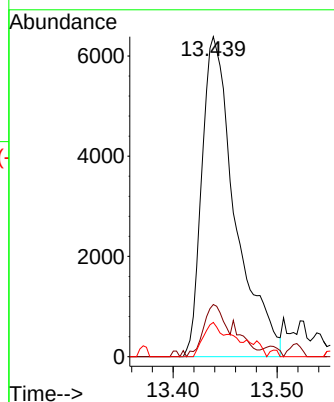
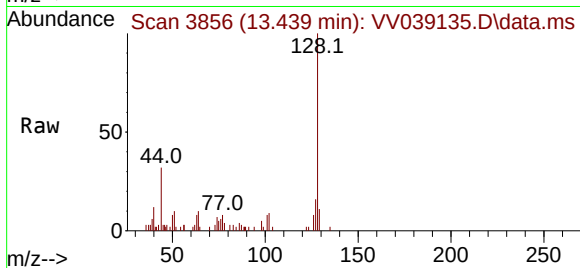




#95
Naphthalene
Concen: 0.682 ug/l
RT: 13.439 min Scan# 3910
Delta R.T. 0.016 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

Tgt Ion:	128	Resp:	14176
Ion Ratio	Lower	Upper	
128	100		
127	10.4	10.3	15.5
129	8.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.790 ug/l
RT: 13.677 min Scan# 3930
Delta R.T. 0.013 min
Lab File: VV039135.D
Acq: 22 Sep 2025 10:59

Tgt Ion:	180	Resp:	5223
Ion Ratio	Lower	Upper	
180	100		
182	92.1	46.9	140.8
145	37.8	17.0	51.0

