

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062725\
 Data File : VV038830.D
 Acq On : 27 Jun 2025 13:10
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC001

Quant Time: Jun 30 01:41:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V062725W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 30 01:40:55 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.596	168	477776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	864107	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	791673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	368873	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.969	65	7384	1.162	ug/l	0.03
Spiked Amount 50.000			Recovery	=	2.320%	
35) Dibromofluoromethane	4.529	113	5370	0.958	ug/l	0.03
Spiked Amount 50.000			Recovery	=	1.920%	
50) Toluene-d8	7.249	98	17477	0.912	ug/l	0.01
Spiked Amount 50.000			Recovery	=	1.820%	
62) 4-Bromofluorobenzene	10.014	95	6147	0.872	ug/l	0.02
Spiked Amount 50.000			Recovery	=	1.740%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.117	85	5220	1.151	ug/l	96
3) Chloromethane	1.230	50	8099	1.378	ug/l	95
4) Vinyl Chloride	1.294	62	8055	1.285	ug/l	96
5) Bromomethane	1.497	94	7990	1.935	ug/l	99
6) Chloroethane	1.561	64	4871	1.201	ug/l #	86
7) Trichlorofluoromethane	1.725	101	12245	1.313	ug/l	97
8) Diethyl Ether	1.918	74	4543	1.275	ug/l	79
9) 1,1,2-Trichlorotrifluo...	2.079	101	6968	1.240	ug/l	98
10) Methyl Iodide	2.195	142	3985	4.874	ug/l	96
11) Tert butyl alcohol	2.564	59	6167	5.880	ug/l #	80
12) 1,1-Dichloroethene	2.079	96	7661	1.401	ug/l	94
13) Acrolein	2.008	56	3156	7.969	ug/l #	69
14) Allyl chloride	2.365	41	10102	1.109	ug/l	96
15) Acrylonitrile	2.699	53	18437	5.162	ug/l #	84
16) Acetone	2.121	43	14729	5.325	ug/l	92
17) Carbon Disulfide	2.252	76	23759	1.598	ug/l #	93
18) Methyl Acetate	2.394	43	3998	0.451	ug/l #	90
19) Methyl tert-butyl Ether	2.709	73	19288	1.133	ug/l	95
20) Methylene Chloride	2.461	84	8773	1.363	ug/l	98
21) trans-1,2-Dichloroethene	2.709	96	7475	1.335	ug/l	87
22) Diisopropyl ether	3.217	45	18628	1.010	ug/l #	35
23) Vinyl Acetate	3.217	43	65238	4.453	ug/l #	94
24) 1,1-Dichloroethane	3.121	63	13059	1.181	ug/l	96
26) 2,2-Dichloropropane	3.818	77	11124	1.194	ug/l	92
27) cis-1,2-Dichloroethene	3.841	96	4051	0.624	ug/l	64
28) Bromochloromethane	4.159	49	6148	1.169	ug/l	97
29) Tetrahydrofuran	4.256	42	3543	1.209	ug/l #	27
30) Chloroform	4.288	83	13607	1.197	ug/l	95
31) Cyclohexane	4.593	56	20159	2.344	ug/l #	38
32) 1,1,1-Trichloroethane	4.519	97	12217	1.316	ug/l #	50
36) 1,1-Dichloropropene	4.764	75	8472	1.058	ug/l #	86
37) Ethyl Acetate	3.941	43	5168	0.497	ug/l #	72
38) Carbon Tetrachloride	4.735	117	7765	0.892	ug/l	93
39) Methylcyclohexane	6.043	83	9762	1.059	ug/l	86
40) Benzene	5.024	78	26126	1.075	ug/l	96
41) Methacrylonitrile	4.162	41	307	2.571	ug/l #	24

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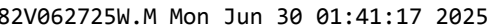
Instrument :
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 ClientSampleId :
 VSTDICC001

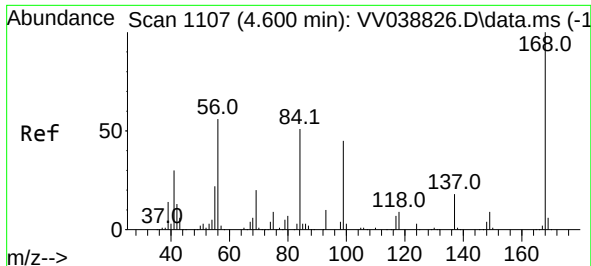
Quant Time: Jun 30 01:41:06 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V062725W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 30 01:40:55 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	5.059	62	3137	0.358	ug/l	78
43) Isopropyl Acetate	5.233	43	6123	0.456	ug/l #	67
44) Trichloroethene	5.847	130	6060	1.039	ug/l	91
45) 1,2-Dichloropropane	6.098	63	2225	0.354	ug/l #	88
46) Dibromomethane	6.246	93	5278	1.101	ug/l #	81
47) Bromodichloromethane	6.439	83	10509	1.110	ug/l #	98
49) 1,4-Dioxane	6.336	88	1662	18.068	ug/l #	35
51) 4-Methyl-2-Pentanone	7.159	43	39209	3.974	ug/l	98
52) Toluene	7.326	92	15202	1.026	ug/l	90
53) t-1,3-Dichloropropene	7.606	75	8096	0.897	ug/l	97
54) cis-1,3-Dichloropropene	6.966	75	9943	0.996	ug/l #	86
55) 1,1,2-Trichloroethane	7.773	97	6886	1.077	ug/l	97
57) 1,3-Dichloropropane	7.947	76	10386	0.987	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.834	63	16229	11.054	ug/l #	77
59) 2-Hexanone	8.091	43	24793	3.567	ug/l #	55
60) Dibromochloromethane	8.175	129	8271	1.116	ug/l	94
61) 1,2-Dibromoethane	8.291	107	6634	1.005	ug/l	88
64) Tetrachloroethene	7.902	164	6120	1.108	ug/l	91
65) Chlorobenzene	8.808	112	19992	1.155	ug/l	97
66) 1,1,1,2-Tetrachloroethane	8.899	131	7230	1.181	ug/l #	56
67) Ethyl Benzene	8.947	91	28825	1.058	ug/l	98
68) m/p-Xylenes	9.072	106	18661	1.818	ug/l	99
69) o-Xylene	9.474	106	8937	0.931	ug/l	95
70) Styrene	9.503	104	12784	0.789	ug/l #	75
71) Bromoform	9.667	173	5466	1.108	ug/l #	94
73) Isopropylbenzene	9.863	105	22254	0.989	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.172	83	11850	1.265	ug/l	96
76) 1,2,3-Trichloropropane	10.207	75	8026	1.145	ug/l	89
77) Bromobenzene	10.159	156	6246	1.102	ug/l	98
78) n-propylbenzene	10.284	91	26667	0.980	ug/l	100
79) 2-Chlorotoluene	10.358	91	17172	1.061	ug/l	100
80) 1,3,5-Trimethylbenzene	10.471	105	17918	0.959	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.940	75	2688	0.878	ug/l	87
82) 4-Chlorotoluene	10.474	91	17994	0.964	ug/l	99
83) tert-Butylbenzene	10.792	119	18917	1.015	ug/l	97
84) 1,2,4-Trimethylbenzene	10.844	105	15928	0.879	ug/l	95
85) sec-Butylbenzene	11.017	105	22411	0.912	ug/l	95
86) p-Isopropyltoluene	11.172	119	20036	0.954	ug/l	90
87) 1,3-Dichlorobenzene	11.117	146	13106	1.136	ug/l	96
88) 1,4-Dichlorobenzene	11.201	146	16570	1.325	ug/l	95
89) n-Butylbenzene	11.586	91	20097	0.988	ug/l	97
90) Hexachloroethane	11.821	117	5506	1.191	ug/l	99
91) 1,2-Dichlorobenzene	11.580	146	13742	1.228	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.365	75	2163	1.090	ug/l	88
93) 1,2,4-Trichlorobenzene	13.197	180	6636	1.005	ug/l	86
94) Hexachlorobutadiene	13.371	225	4195	1.307	ug/l	90
95) Naphthalene	13.439	128	19554	4.202	ug/l	97
96) 1,2,3-Trichlorobenzene	13.673	180	7416	1.094	ug/l	89

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

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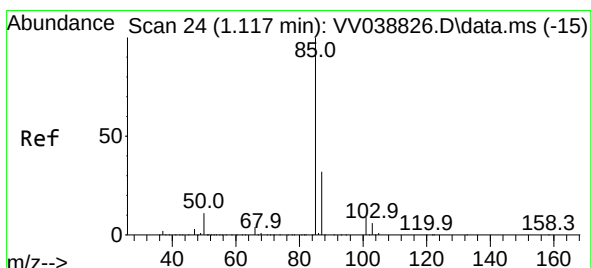
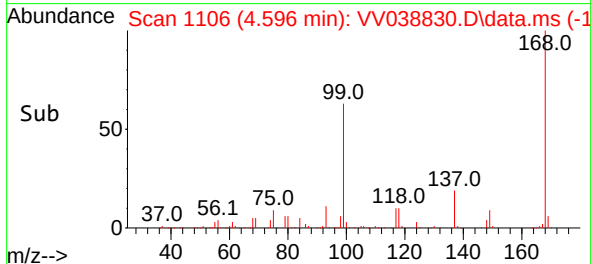
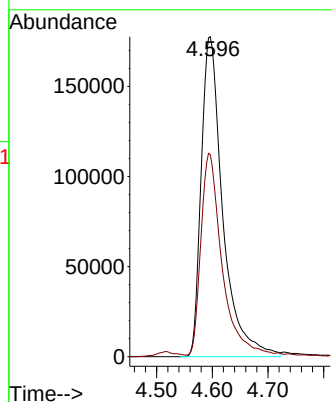
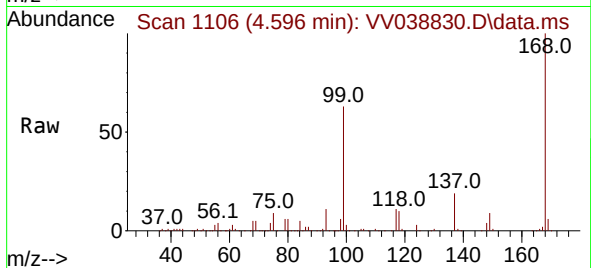




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.596 min Scan# 1106
Delta R.T. -0.004 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

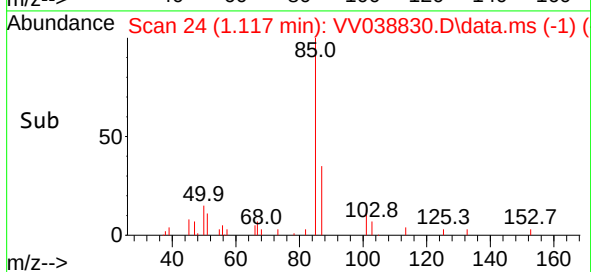
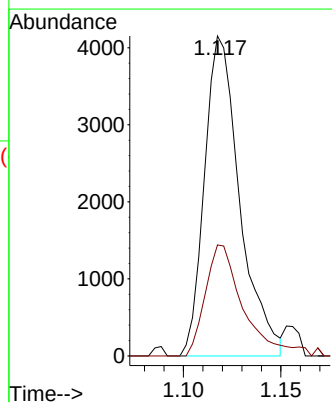
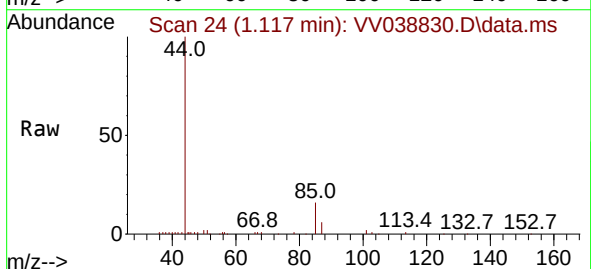
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

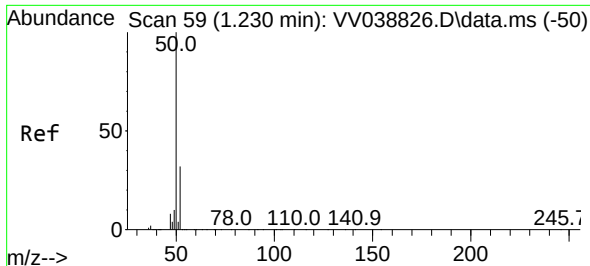
Tgt Ion:168 Resp: 477776
Ion Ratio Lower Upper
168 100
99 62.4 49.0 73.6



#2
Dichlorodifluoromethane
Concen: 1.151 ug/l
RT: 1.117 min Scan# 24
Delta R.T. -0.000 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 85 Resp: 5220
Ion Ratio Lower Upper
85 100
87 34.7 16.1 48.3

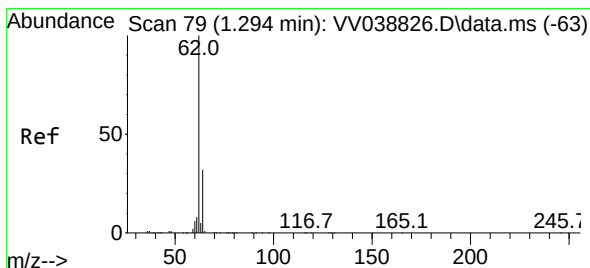
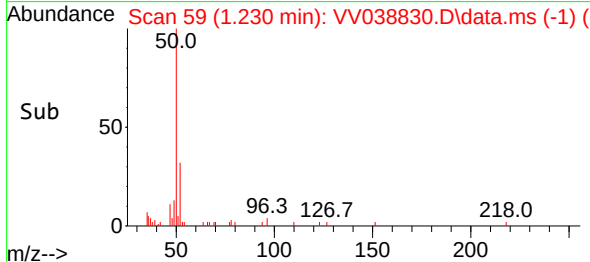
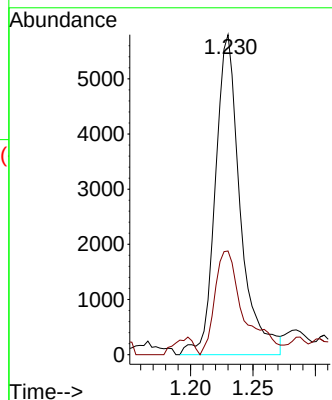
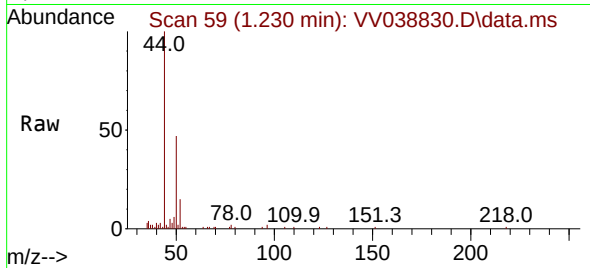




#3
Chloromethane
Concen: 1.378 ug/l
RT: 1.230 min Scan# 59
Delta R.T. -0.000 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

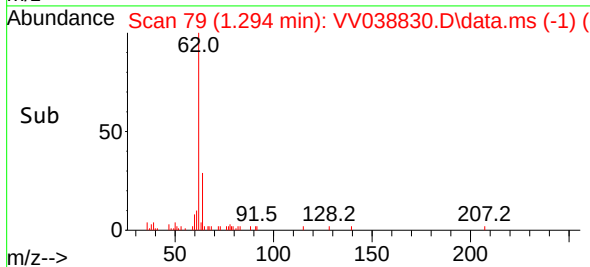
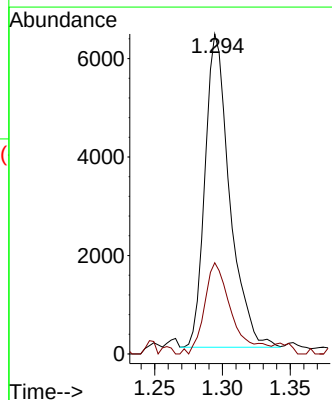
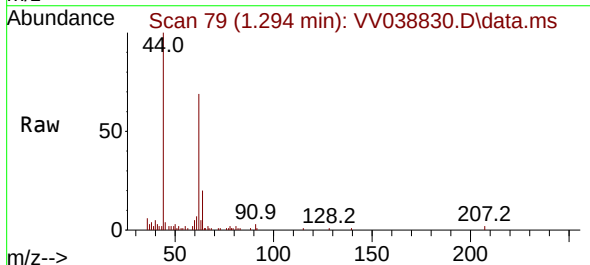
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ClientSampleId :
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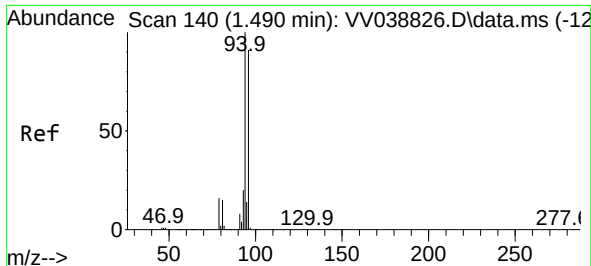
Tgt Ion: 50 Resp: 8099
Ion Ratio Lower Upper
50 100
52 29.4 25.8 38.6



#4
Vinyl Chloride
Concen: 1.285 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 62 Resp: 8055
Ion Ratio Lower Upper
62 100
64 29.1 25.3 37.9

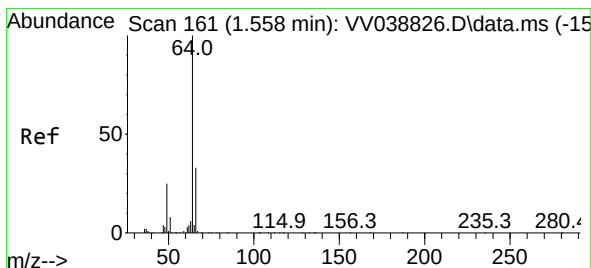
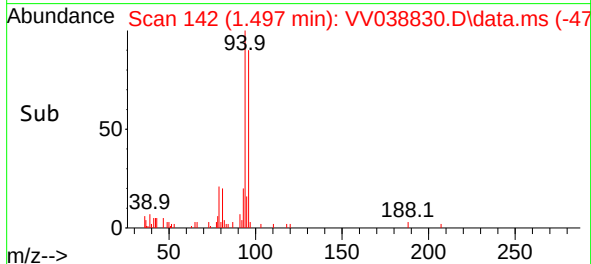
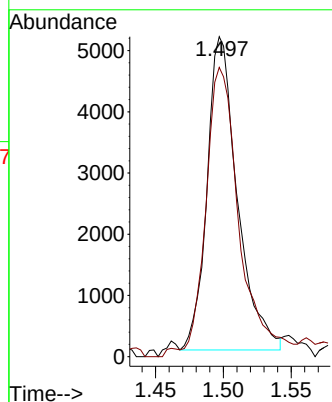
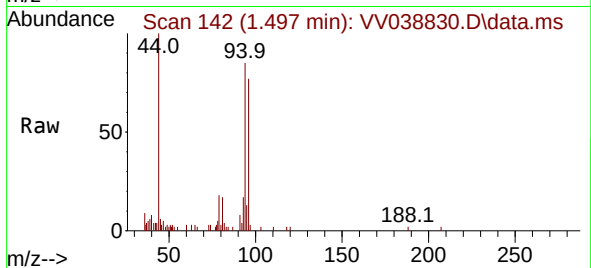




#5
Bromomethane
Concen: 1.935 ug/l
RT: 1.497 min Scan# 140
Delta R.T. 0.007 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

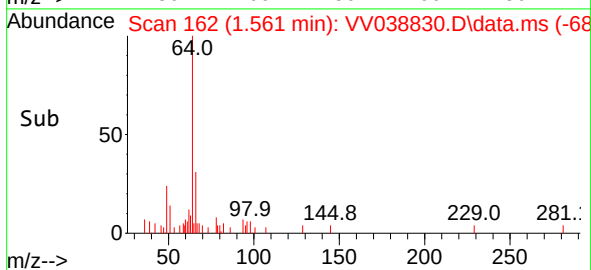
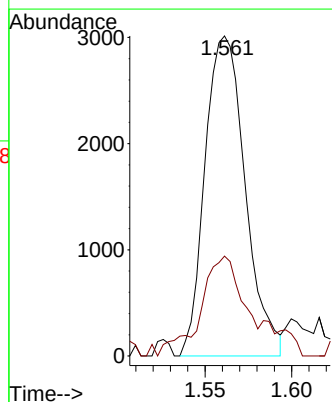
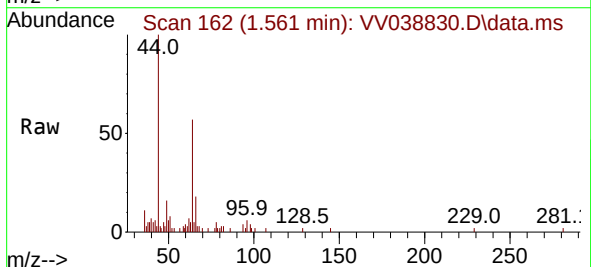
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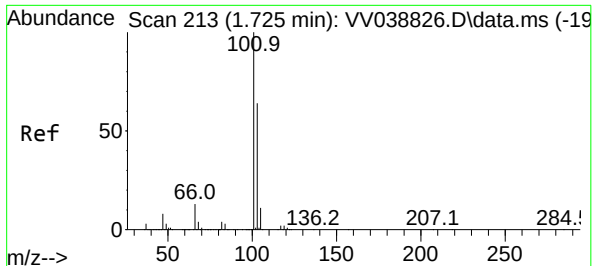
Tgt Ion: 94 Resp: 7990
Ion Ratio Lower Upper
94 100
96 90.2 72.9 109.3



#6
Chloroethane
Concen: 1.201 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 64 Resp: 4871
Ion Ratio Lower Upper
64 100
66 25.0 26.3 39.5#

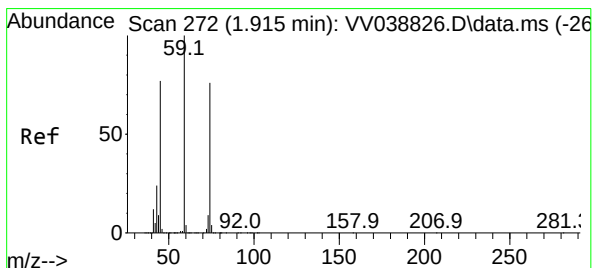
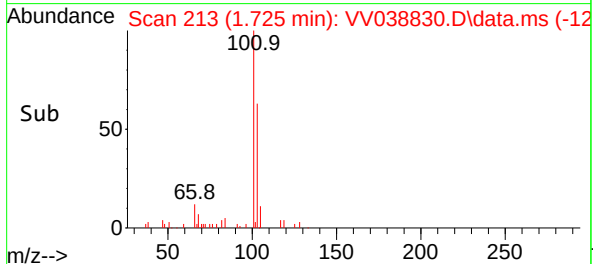
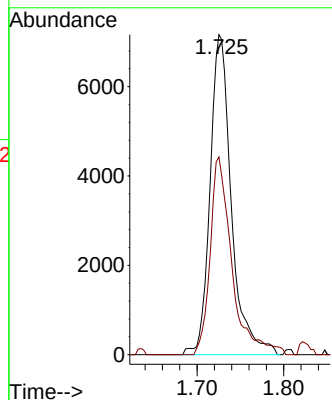
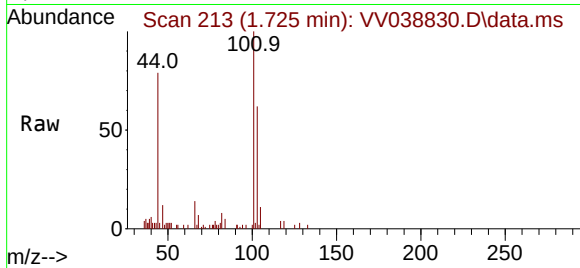




#7
 Trichlorofluoromethane
 Concen: 1.313 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV038830.D
 Acq: 27 Jun 2025 13:10

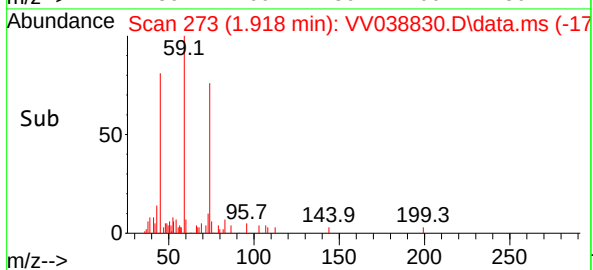
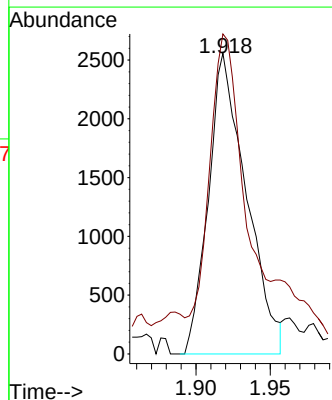
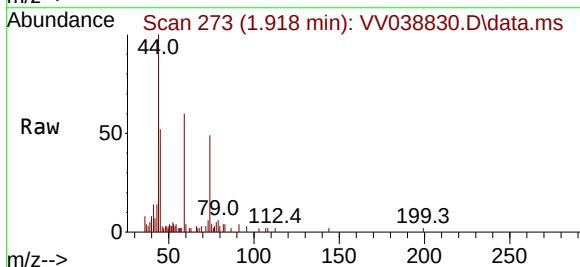
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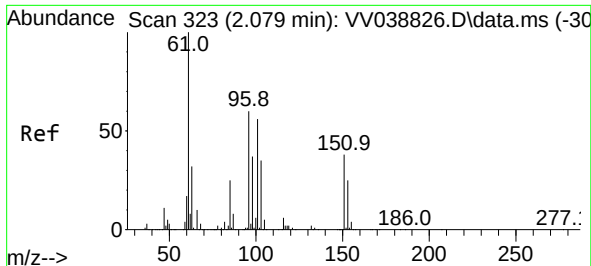
Tgt Ion:101 Resp: 12245
 Ion Ratio Lower Upper
 101 100
 103 61.8 51.5 77.3



#8
 Diethyl Ether
 Concen: 1.275 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038830.D
 Acq: 27 Jun 2025 13:10

Tgt Ion: 74 Resp: 4543
 Ion Ratio Lower Upper
 74 100
 45 78.9 50.2 150.6

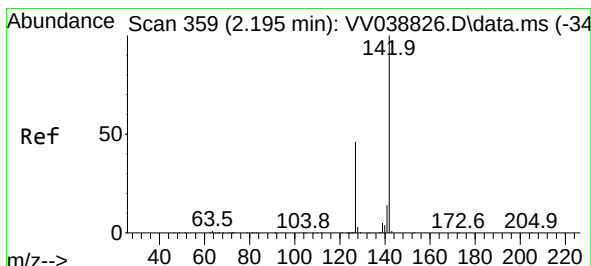
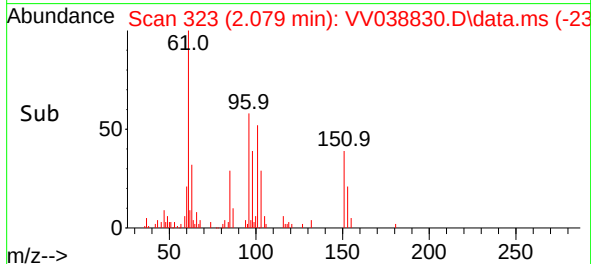
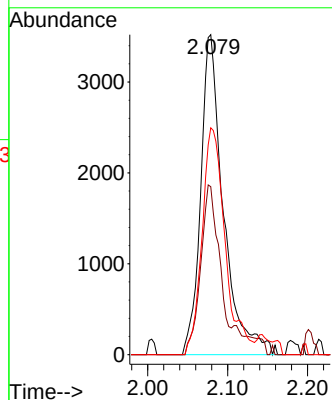
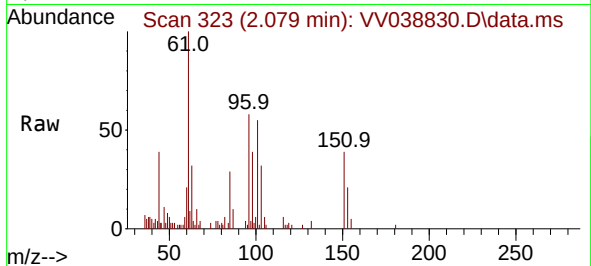




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.240 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

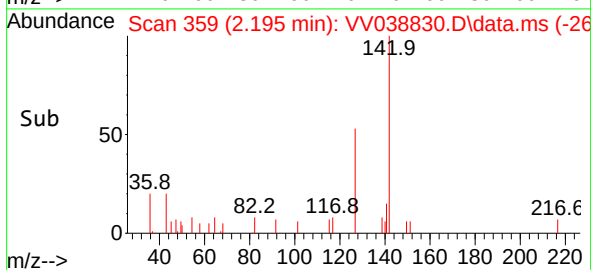
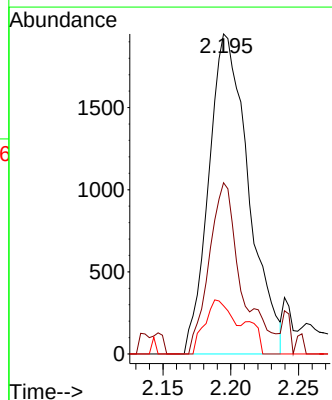
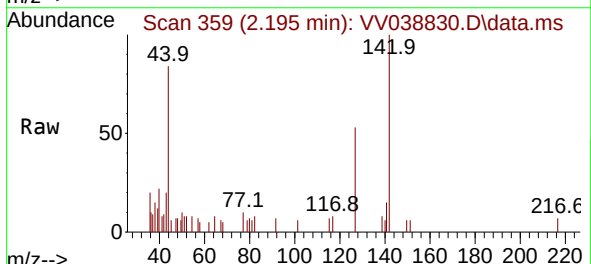
Instrument :
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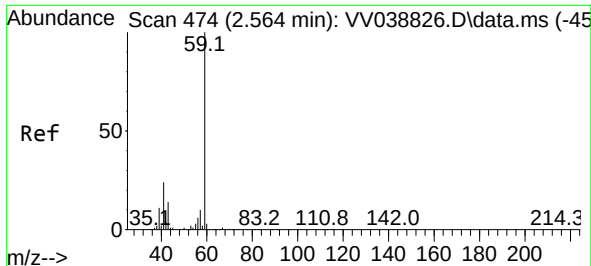
Tgt Ion:101 Resp: 6968
Ion Ratio Lower Upper
101 100
85 43.9 35.5 53.3
151 72.1 55.4 83.2



#10
Methyl Iodide
Concen: 4.874 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion:142 Resp: 3985
Ion Ratio Lower Upper
142 100
127 43.2 36.4 54.6
141 12.2 11.9 17.9

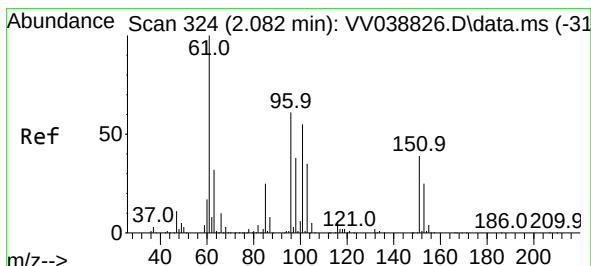
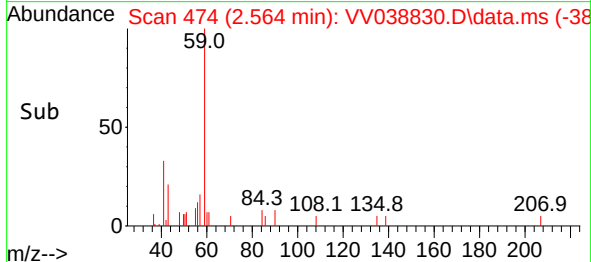
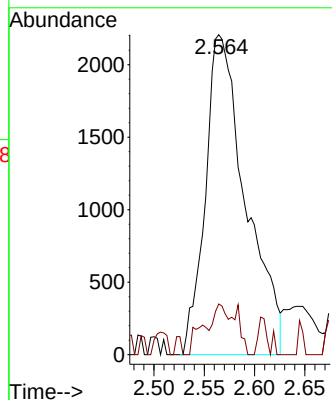
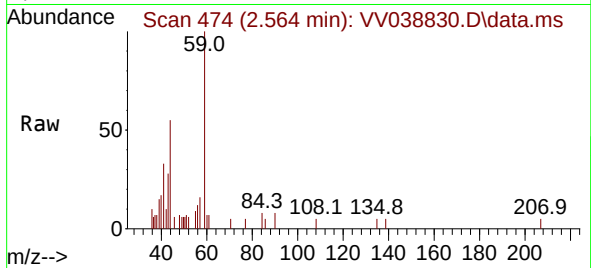




#11
Tert butyl alcohol
Concen: 5.880 ug/l
RT: 2.564 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

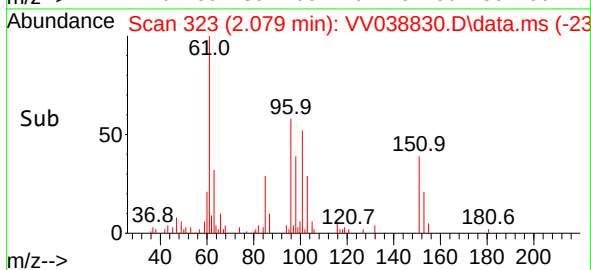
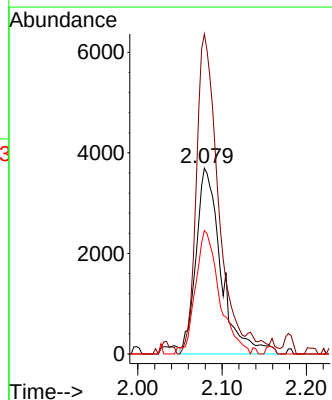
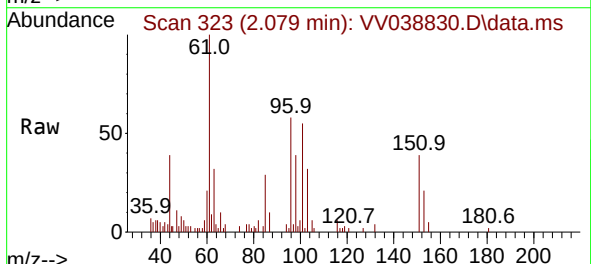
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

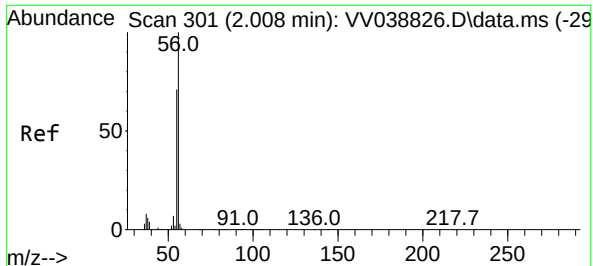
Tgt Ion: 59 Resp: 6167
Ion Ratio Lower Upper
59 100
57 2.7 8.1 12.1#



#12
1,1-Dichloroethene
Concen: 1.401 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 96 Resp: 7661
Ion Ratio Lower Upper
96 100
61 172.2 131.5 197.3
98 66.4 50.0 75.0

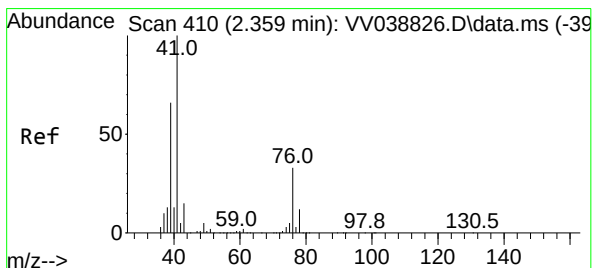
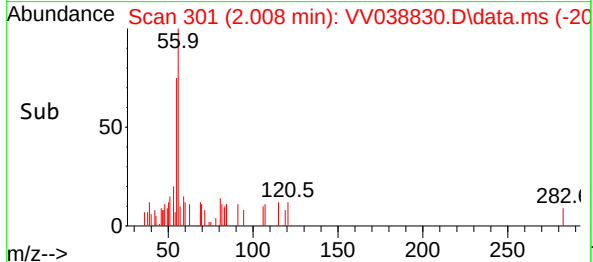
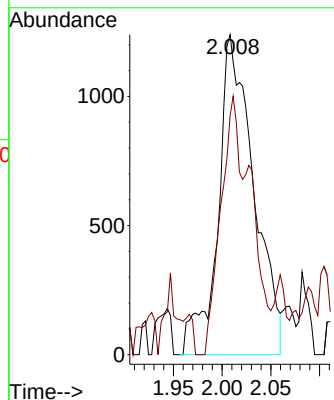
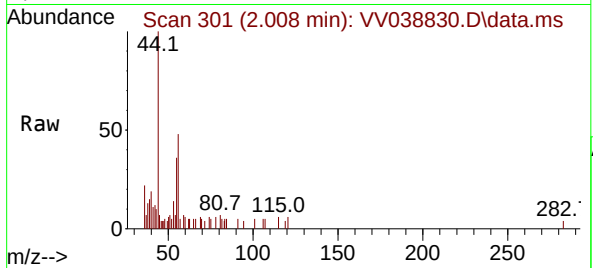




#13
Acrolein
Concen: 7.969 ug/l
RT: 2.008 min Scan# 301
Delta R.T. -0.000 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

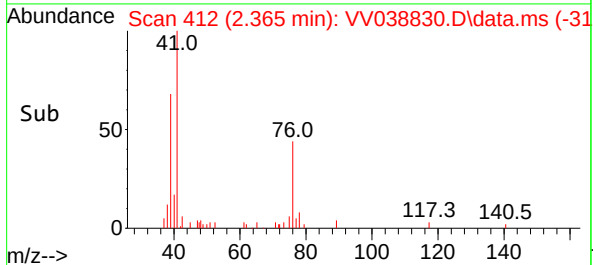
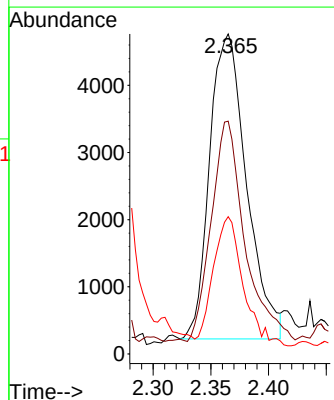
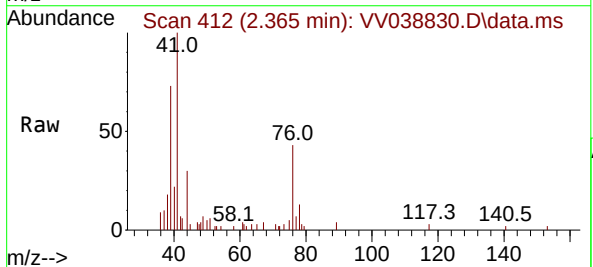
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

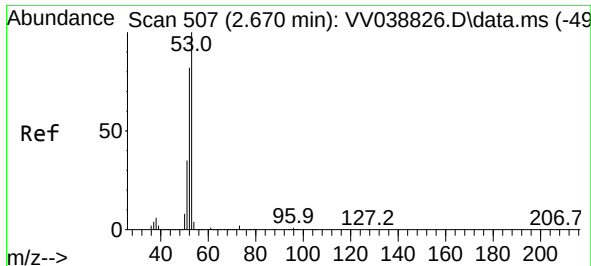
Tgt Ion: 56 Resp: 3156
Ion Ratio Lower Upper
56 100
55 44.6 56.0 84.0#



#14
Allyl chloride
Concen: 1.109 ug/l
RT: 2.365 min Scan# 412
Delta R.T. 0.006 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 41 Resp: 10102
Ion Ratio Lower Upper
41 100
39 65.9 49.4 74.0
76 34.5 28.8 43.2

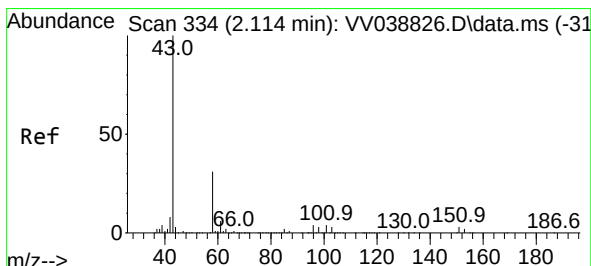
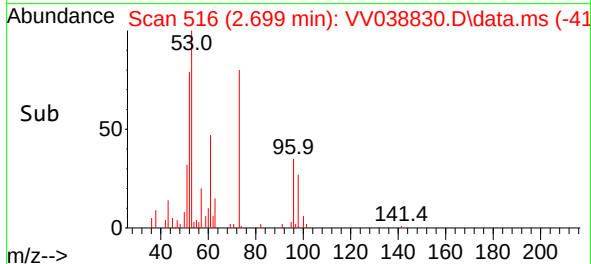
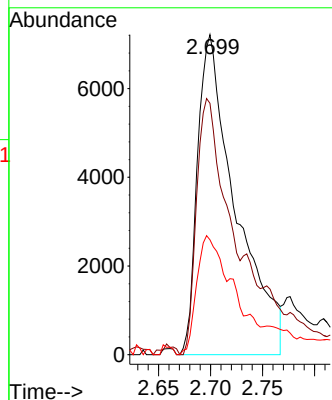
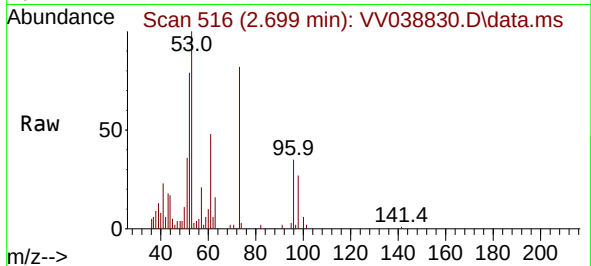




#15
Acrylonitrile
Concen: 5.162 ug/l
RT: 2.699 min Scan# 51
Delta R.T. 0.029 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

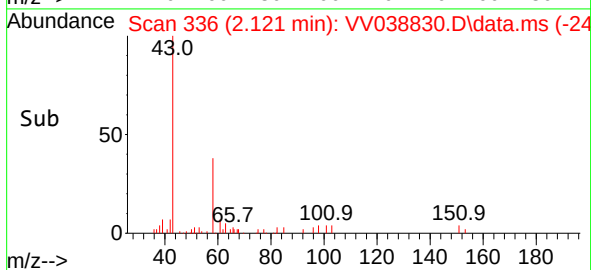
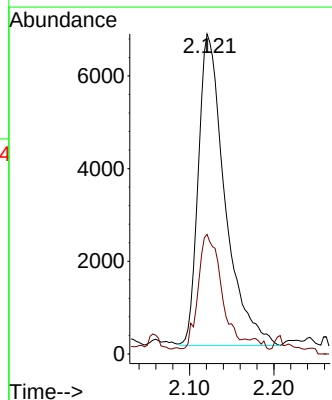
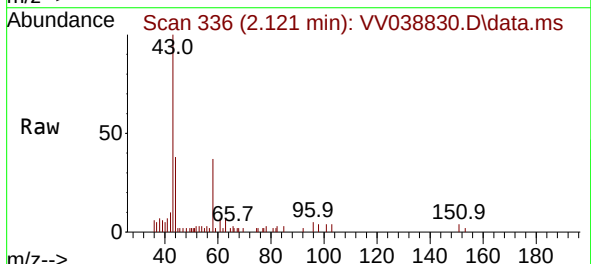
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

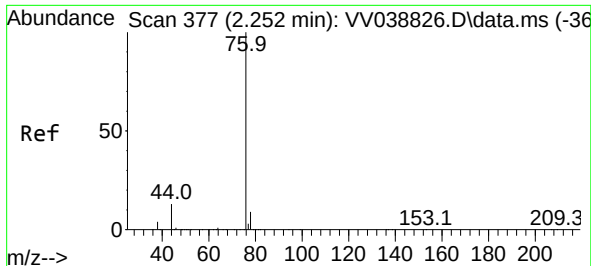
Tgt Ion	Ratio	Lower	Upper
53	100		
52	61.6	65.5	98.3#
51	36.6	28.3	42.5



#16
Acetone
Concen: 5.325 ug/l
RT: 2.121 min Scan# 336
Delta R.T. 0.006 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion	Ratio	Lower	Upper
43	100		
58	36.6	25.7	38.5

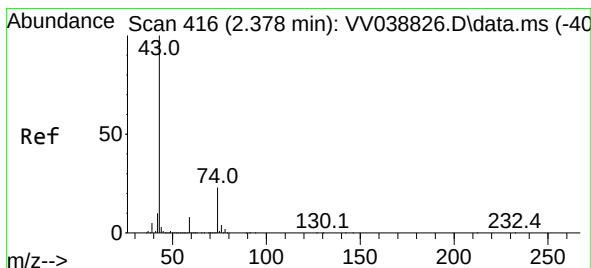
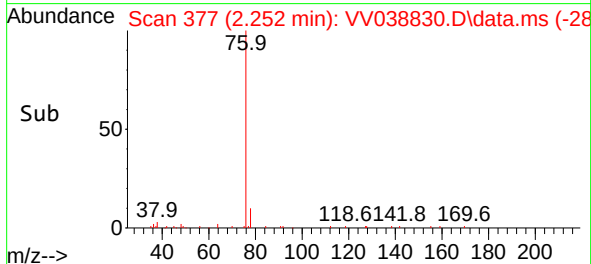
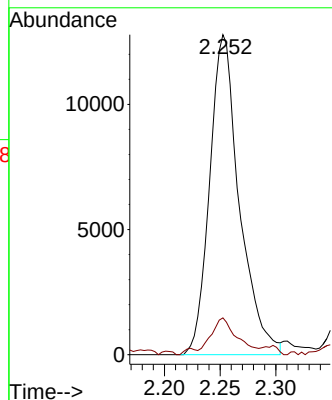
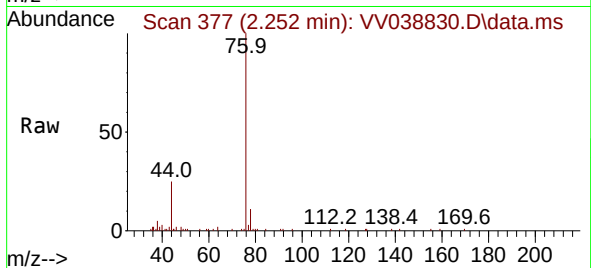




#17
Carbon Disulfide
Concen: 1.598 ug/l
RT: 2.252 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

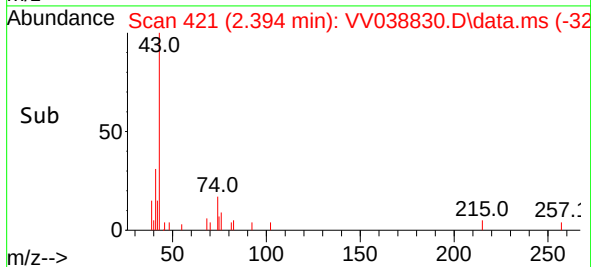
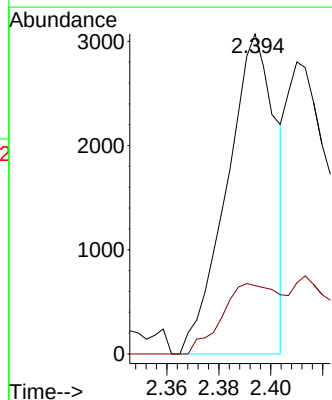
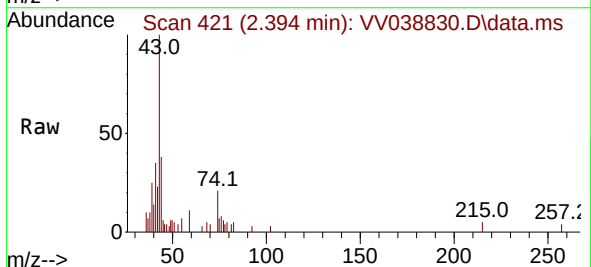
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

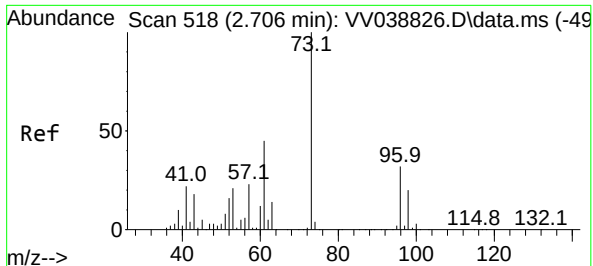
Tgt Ion: 76 Resp: 23759
Ion Ratio Lower Upper
76 100
78 11.5 7.1 10.7#



#18
Methyl Acetate
Concen: 0.451 ug/l
RT: 2.394 min Scan# 421
Delta R.T. 0.016 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 43 Resp: 3998
Ion Ratio Lower Upper
43 100
74 27.6 18.2 27.2#

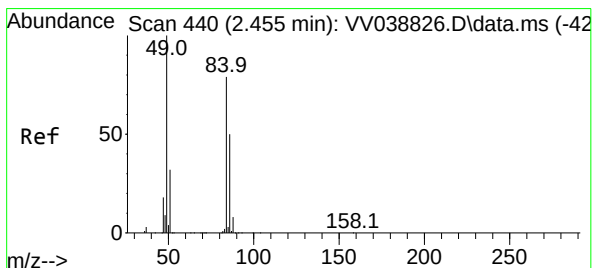
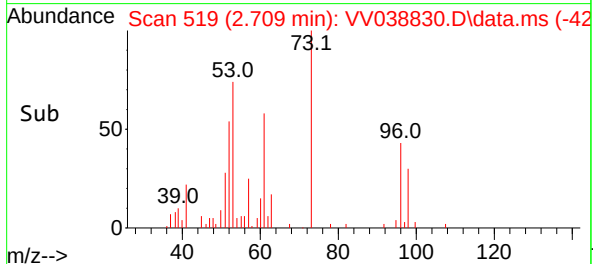
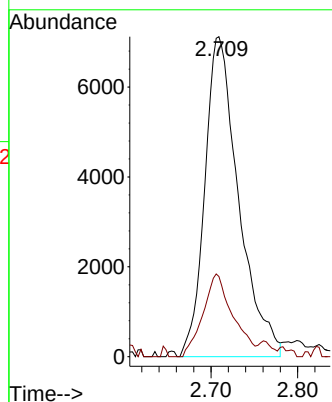
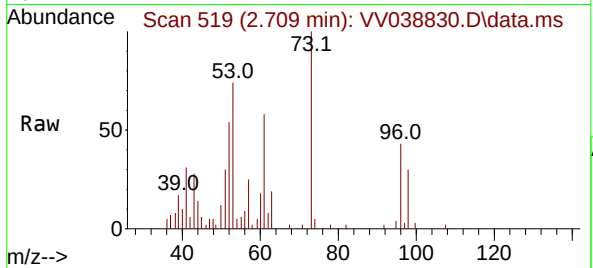




#19
Methyl tert-butyl Ether
Concen: 1.133 ug/l
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

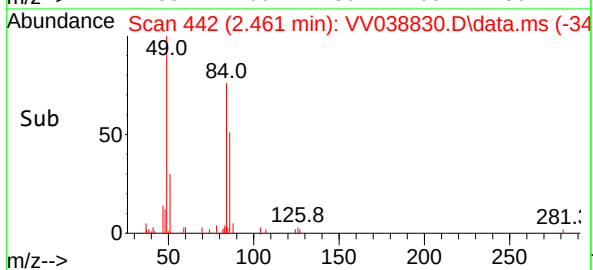
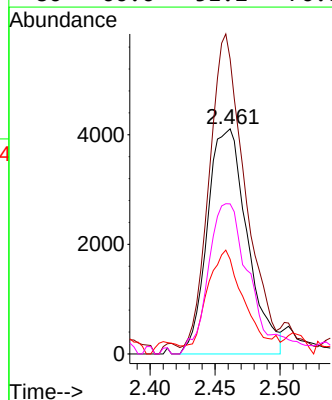
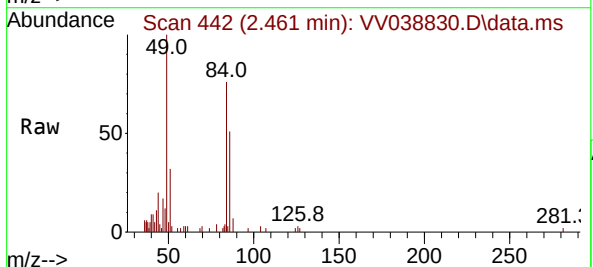
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

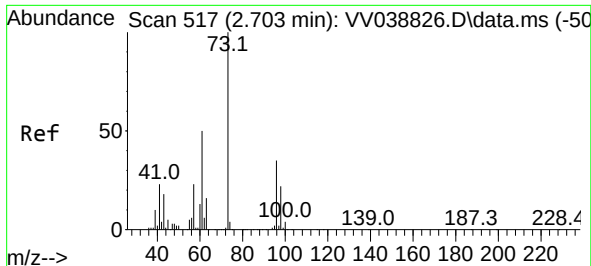
Tgt Ion: 73 Resp: 19288
Ion Ratio Lower Upper
73 100
57 25.1 18.2 27.4



#20
Methylene Chloride
Concen: 1.363 ug/l
RT: 2.461 min Scan# 442
Delta R.T. 0.006 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 84 Resp: 8773
Ion Ratio Lower Upper
84 100
49 128.2 101.4 152.2
51 38.5 32.3 48.5
86 66.6 51.2 76.8

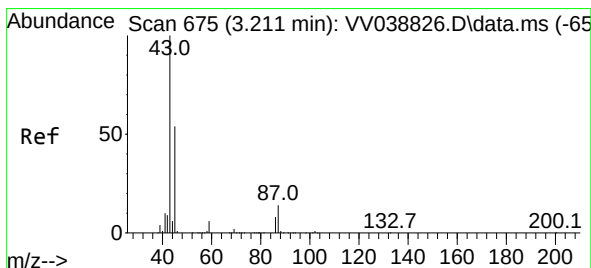
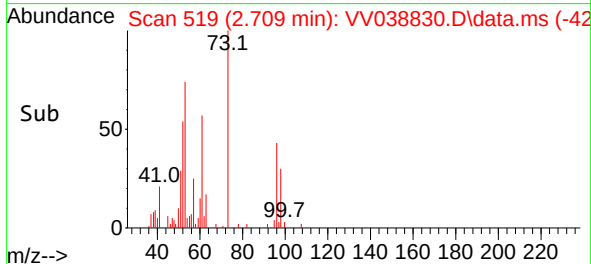
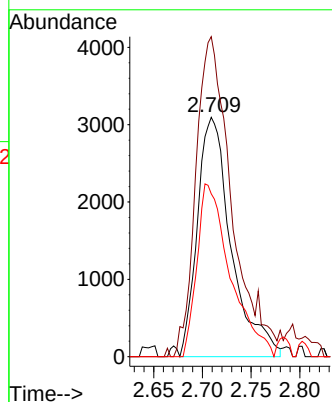
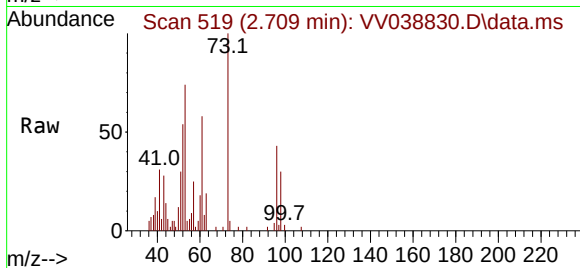




#21
trans-1,2-Dichloroethene
Concen: 1.335 ug/l
RT: 2.709 min Scan# 517
Delta R.T. 0.006 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

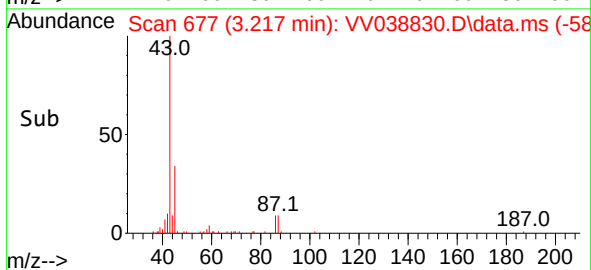
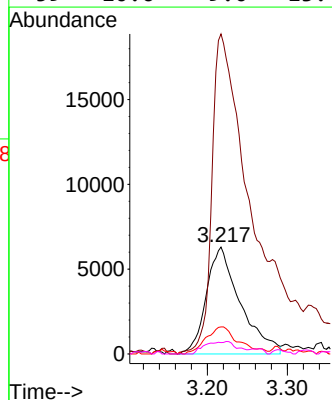
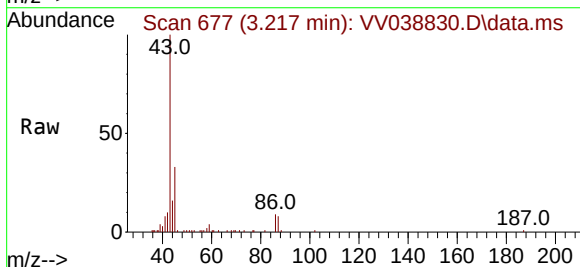
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

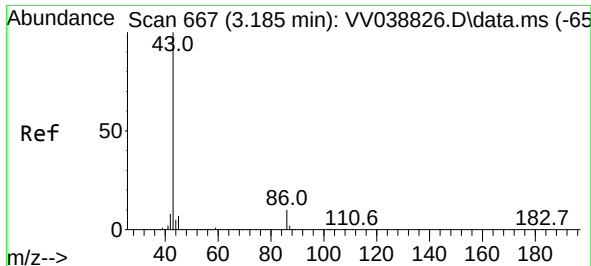
Tgt Ion: 96 Resp: 7475
Ion Ratio Lower Upper
96 100
61 122.6 112.6 169.0
98 68.0 49.6 74.4



#22
Diisopropyl ether
Concen: 1.010 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.006 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 45 Resp: 18628
Ion Ratio Lower Upper
45 100
43 297.9 148.7 223.1#
87 23.6 21.0 31.4
59 10.6 9.0 13.4

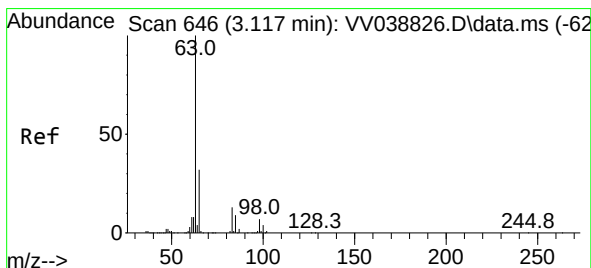
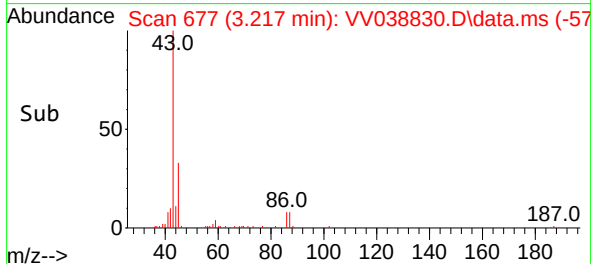
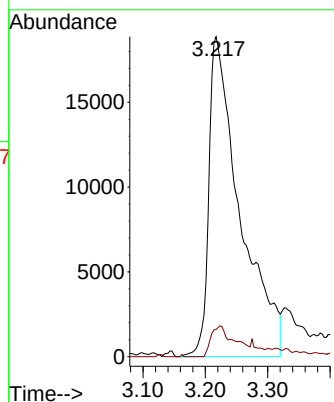
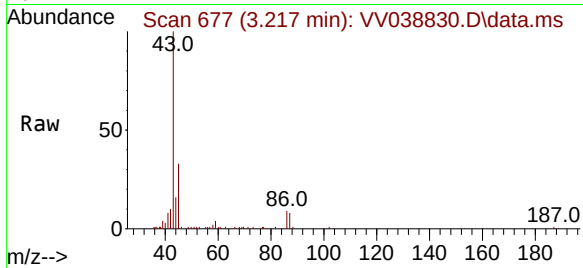




#23
 Vinyl Acetate
 Concen: 4.453 ug/l
 RT: 3.217 min Scan# 61
 Delta R.T. 0.032 min
 Lab File: VV038830.D
 Acq: 27 Jun 2025 13:10

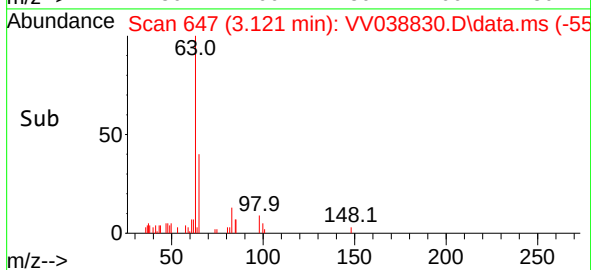
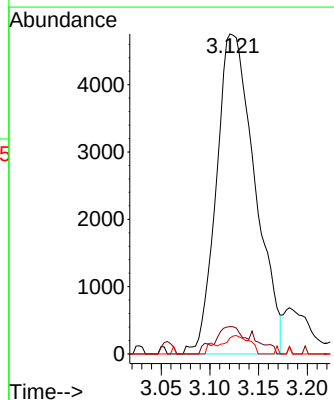
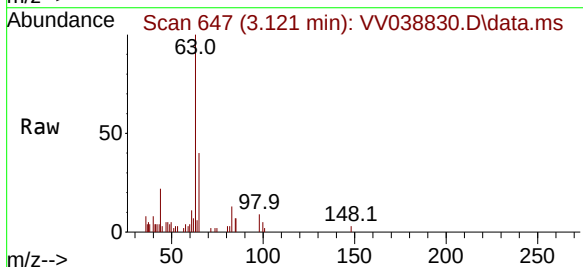
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

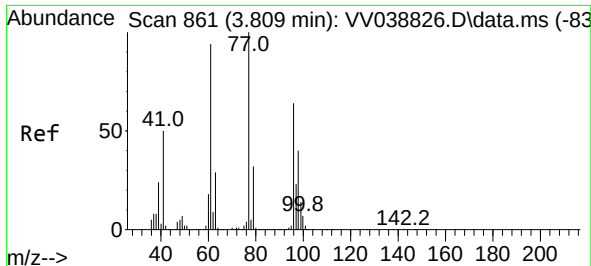
Tgt Ion: 43 Resp: 65238
 Ion Ratio Lower Upper
 43 100
 86 7.8 8.2 12.2#



#24
 1,1-Dichloroethane
 Concen: 1.181 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038830.D
 Acq: 27 Jun 2025 13:10

Tgt Ion: 63 Resp: 13059
 Ion Ratio Lower Upper
 63 100
 98 8.5 3.5 10.4
 100 5.0 2.1 6.5





#26

2,2-Dichloropropane

Concen: 1.194 ug/l

RT: 3.818 min Scan# 80

Delta R.T. 0.010 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA_V

ClientSampleId :

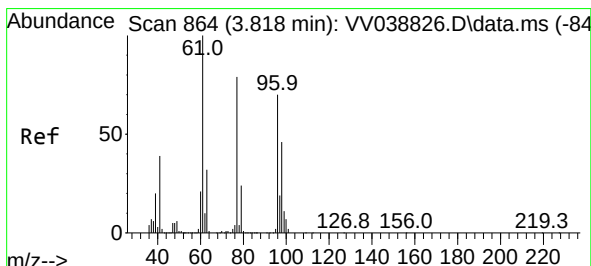
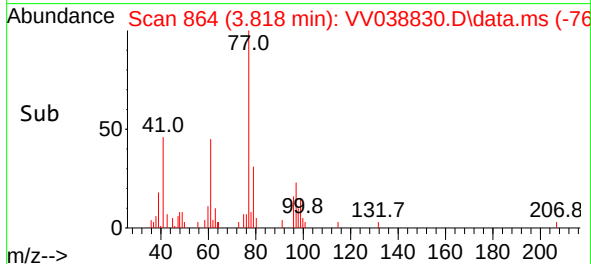
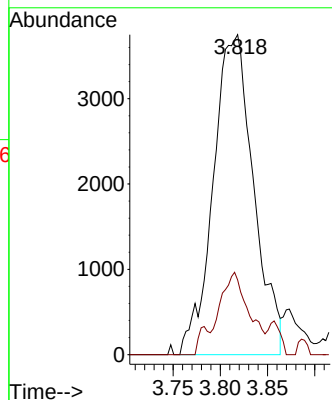
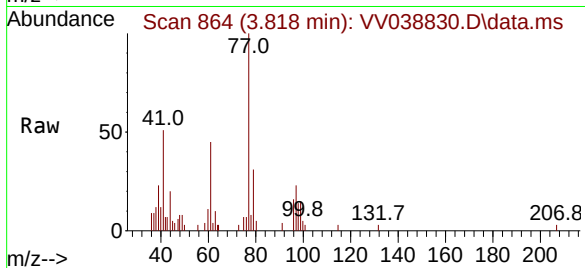
VSTDIC001

Tgt Ion: 77 Resp: 11124

Ion Ratio Lower Upper

77 100

97 18.1 11.1 33.1



#27

cis-1,2-Dichloroethene

Concen: 0.624 ug/l

RT: 3.841 min Scan# 871

Delta R.T. 0.022 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

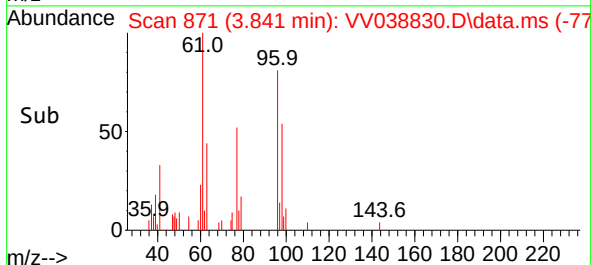
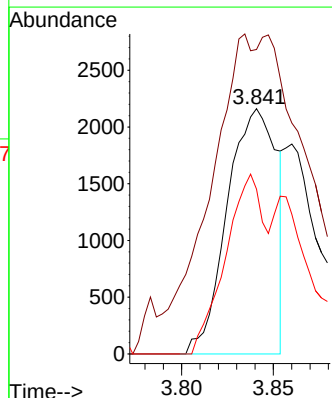
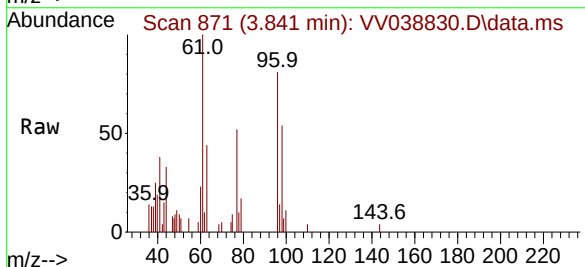
Tgt Ion: 96 Resp: 4051

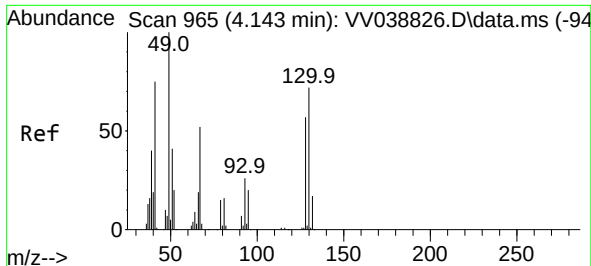
Ion Ratio Lower Upper

96 100

61 85.2 0.0 292.4

98 58.0 0.0 128.6

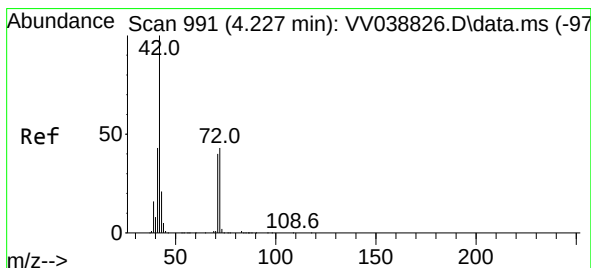
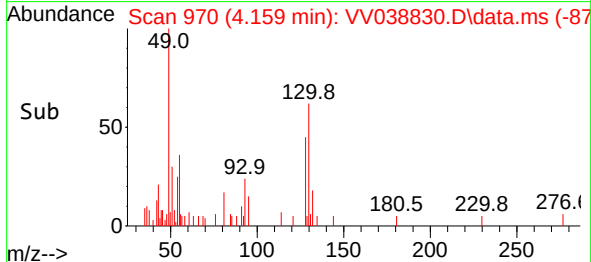
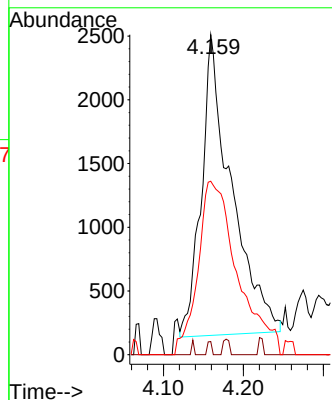
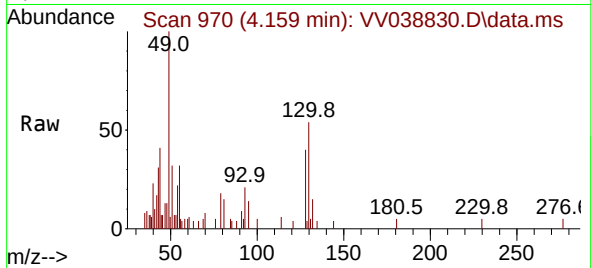




#28
Bromochloromethane
Concen: 1.169 ug/l
RT: 4.159 min Scan# 91
Delta R.T. 0.016 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

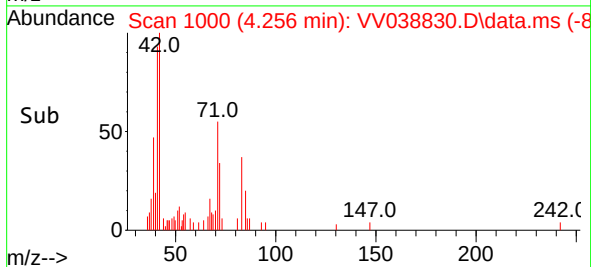
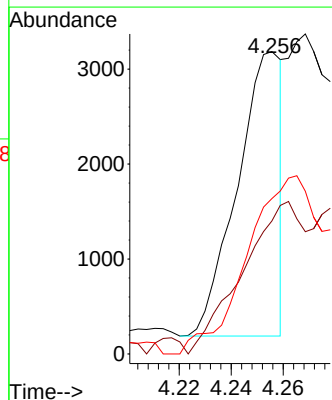
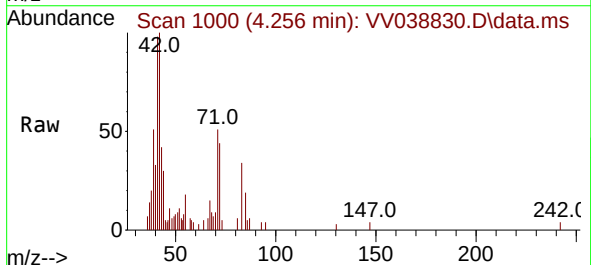
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

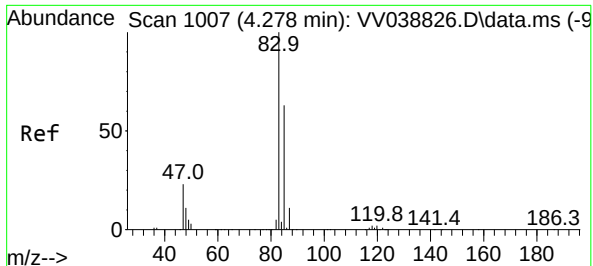
Tgt Ion: 49 Resp: 6148
Ion Ratio Lower Upper
49 100
129 0.6 0.0 3.8
130 76.1 58.8 88.2



#29
Tetrahydrofuran
Concen: 1.209 ug/l
RT: 4.256 min Scan# 1000
Delta R.T. 0.029 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 42 Resp: 3543
Ion Ratio Lower Upper
42 100
72 73.0 34.8 52.2#
71 104.3 32.6 49.0#





#30

Chloroform

Concen: 1.197 ug/l

RT: 4.288 min Scan# 1105

Delta R.T. 0.010 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA_V

ClientSampleId :

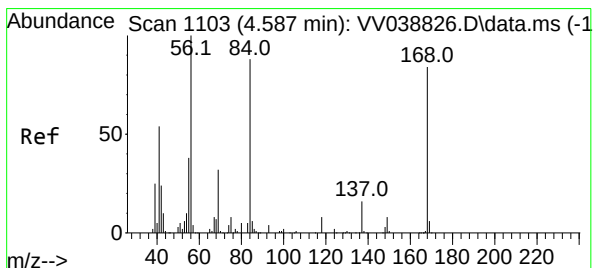
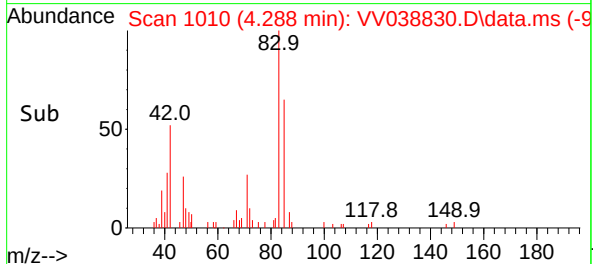
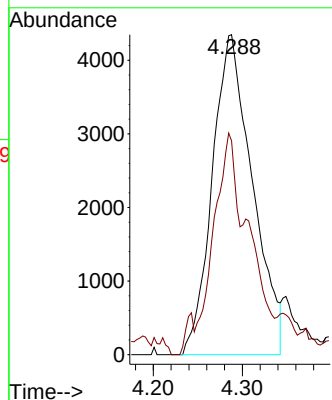
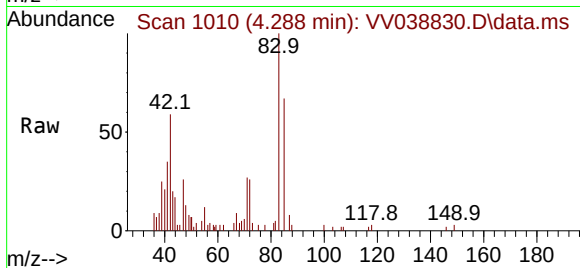
VSTDICC001

Tgt Ion: 83 Resp: 13607

Ion Ratio Lower Upper

83 100

85 66.9 50.6 76.0



#31

Cyclohexane

Concen: 2.344 ug/l

RT: 4.593 min Scan# 1105

Delta R.T. 0.006 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

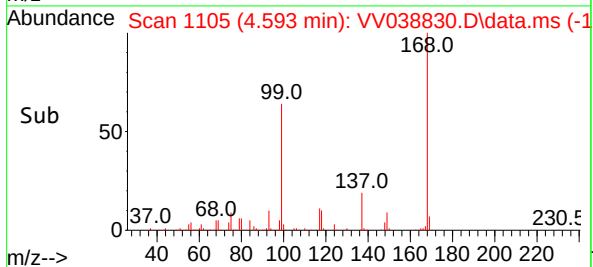
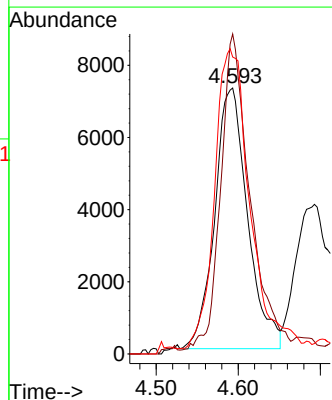
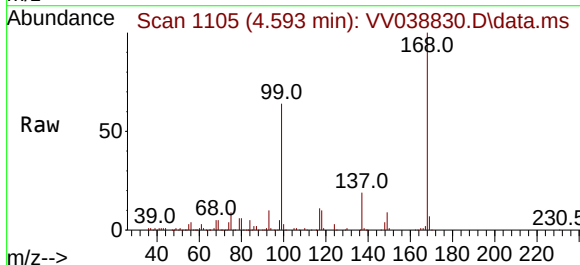
Tgt Ion: 56 Resp: 20159

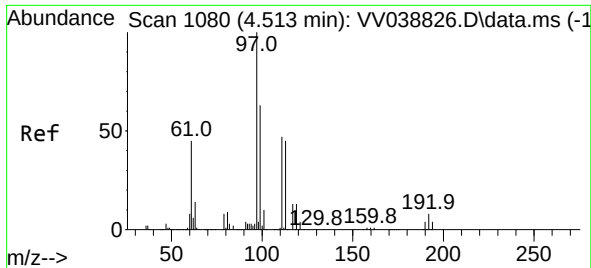
Ion Ratio Lower Upper

56 100

69 121.3 25.4 38.0#

84 111.8 70.2 105.4#

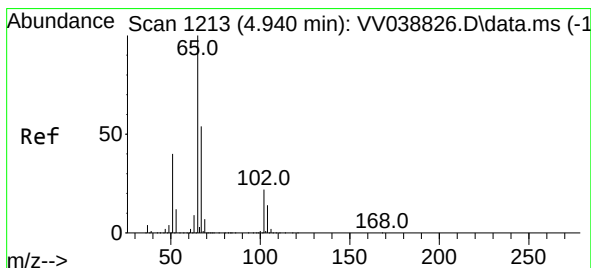
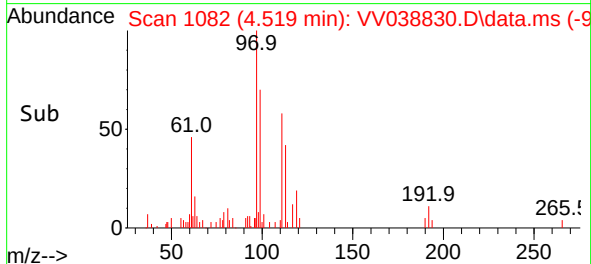
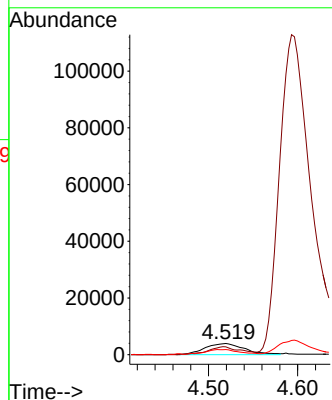
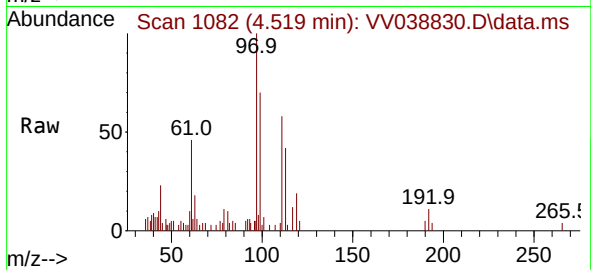




#32
1,1,1-Trichloroethane
Concen: 1.316 ug/l
RT: 4.519 min Scan# 1080
Delta R.T. 0.006 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

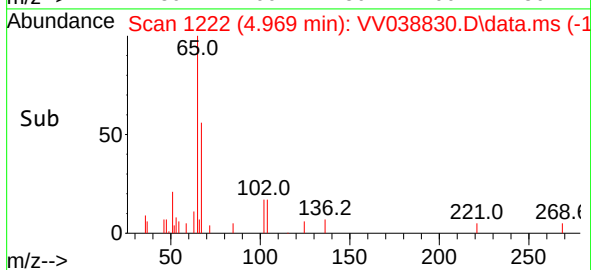
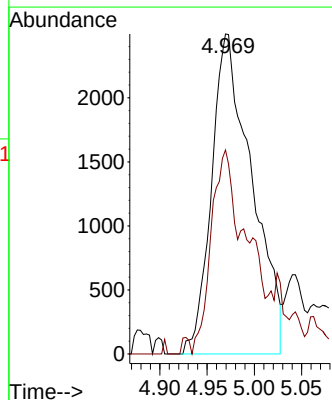
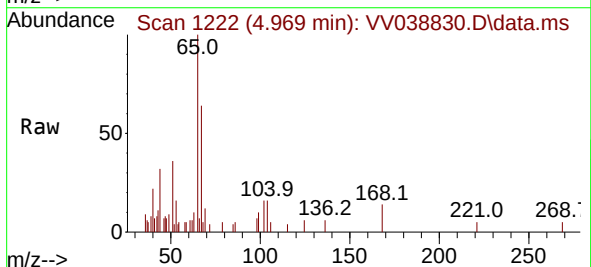
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

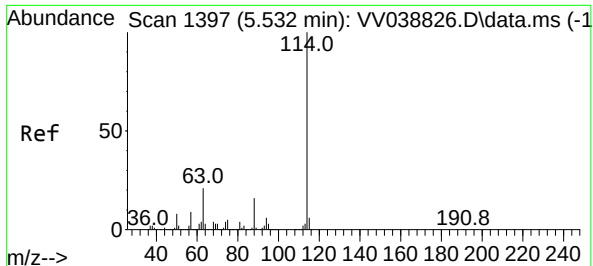
Tgt Ion: 97 Resp: 12217
Ion Ratio Lower Upper
97 100
99 0.0 48.9 73.3#
61 39.0 34.6 51.8



#33
1,2-Dichloroethane-d4
Concen: 1.162 ug/l
RT: 4.969 min Scan# 1222
Delta R.T. 0.029 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 65 Resp: 7384
Ion Ratio Lower Upper
65 100
67 36.5 0.0 110.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

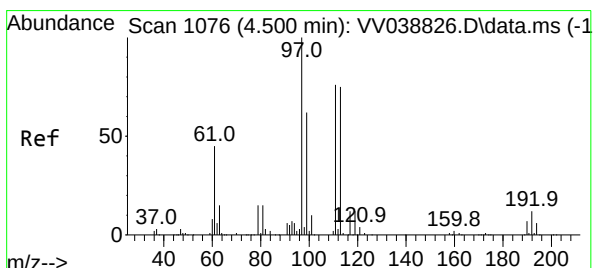
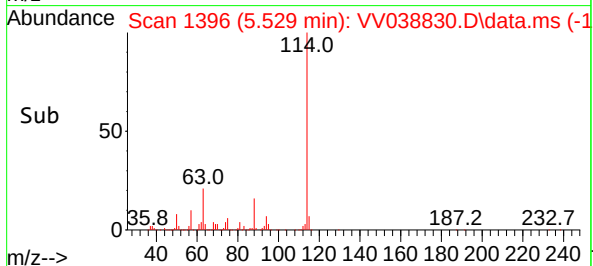
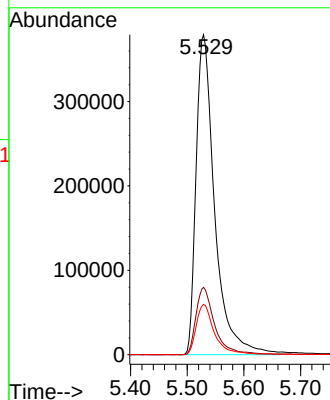
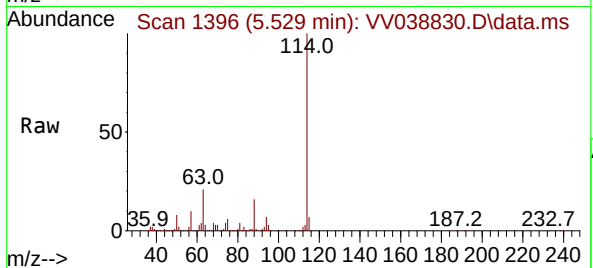
Tgt Ion:114 Resp: 864107

Ion Ratio Lower Upper

114 100

63 21.0 0.0 42.6

88 15.7 0.0 31.0



#35

Dibromofluoromethane

Concen: 0.958 ug/l

RT: 4.529 min Scan# 1085

Delta R.T. 0.029 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

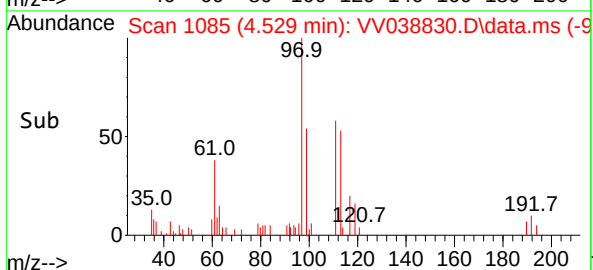
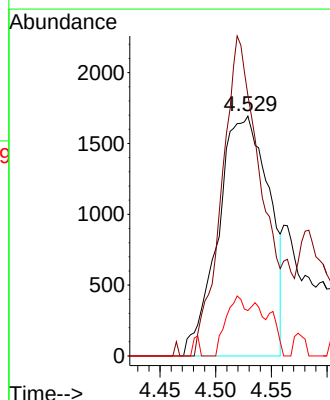
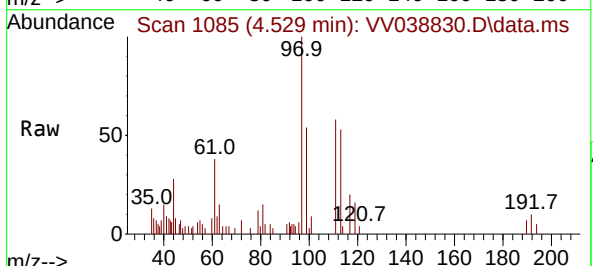
Tgt Ion:113 Resp: 5370

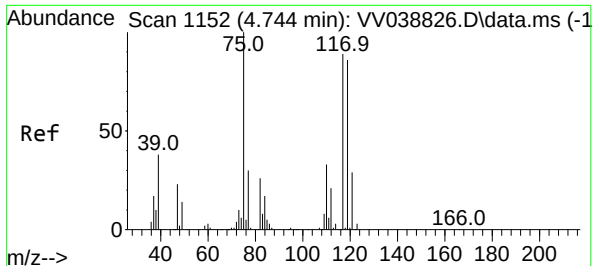
Ion Ratio Lower Upper

113 100

111 101.8 83.0 124.4

192 10.1 13.7 20.5#





#36

1,1-Dichloropropene

Concen: 1.058 ug/l

RT: 4.764 min Scan# 1158

Delta R.T. 0.019 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

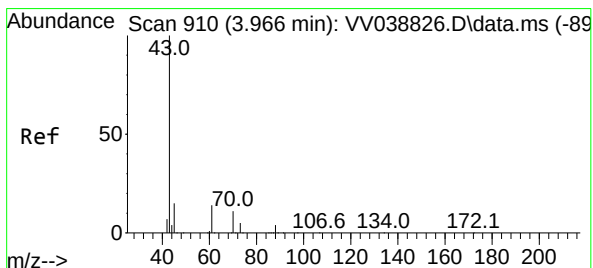
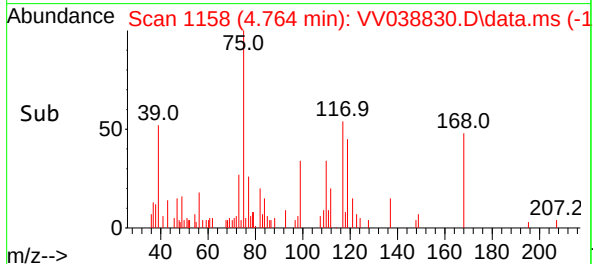
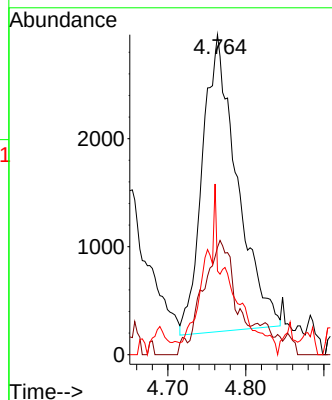
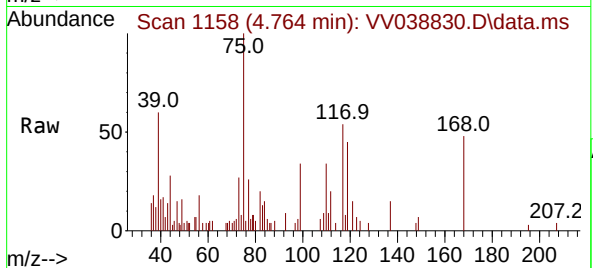
Tgt Ion: 75 Resp: 8472

Ion Ratio Lower Upper

75 100

110 30.4 17.4 52.3

77 18.7 24.4 36.6#



#37

Ethyl Acetate

Concen: 0.497 ug/l

RT: 3.941 min Scan# 902

Delta R.T. -0.026 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

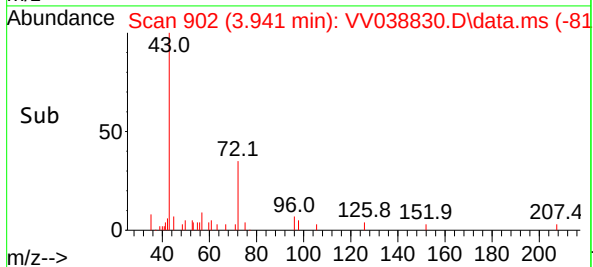
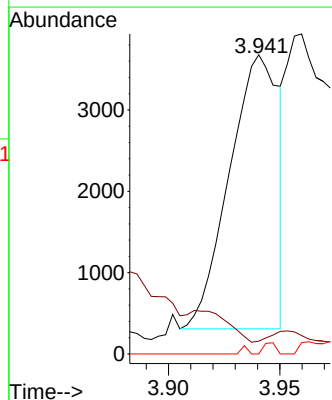
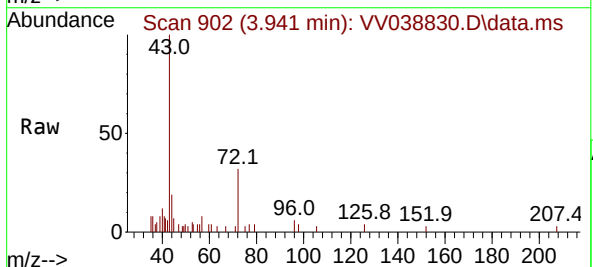
Tgt Ion: 43 Resp: 5168

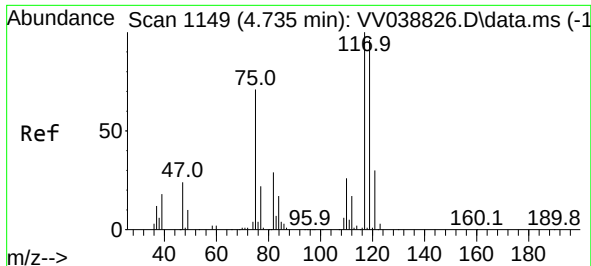
Ion Ratio Lower Upper

43 100

61 0.0 9.9 14.9#

70 0.4 7.1 10.7#

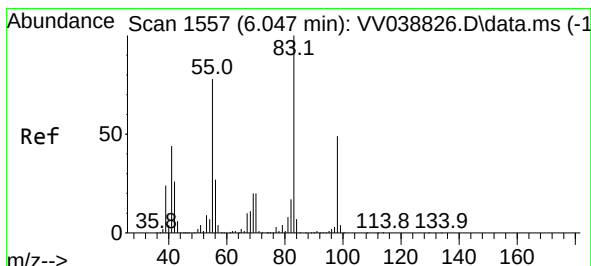
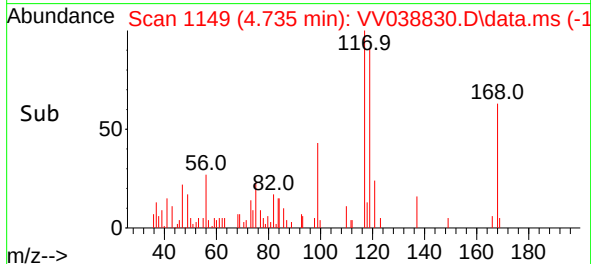
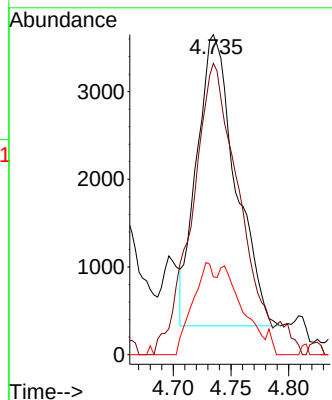
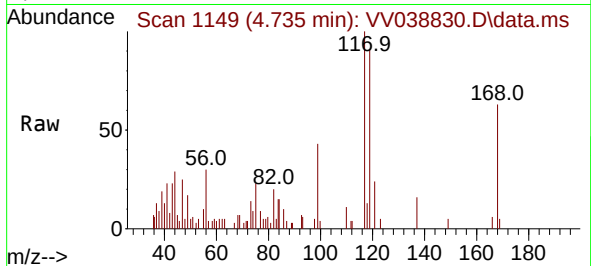




#38
Carbon Tetrachloride
Concen: 0.892 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

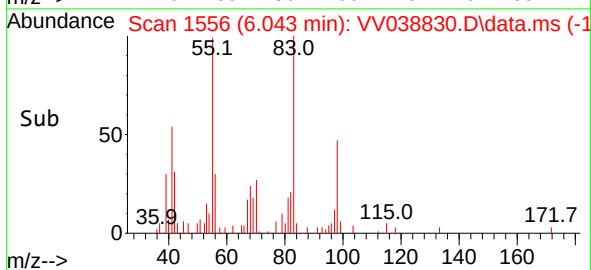
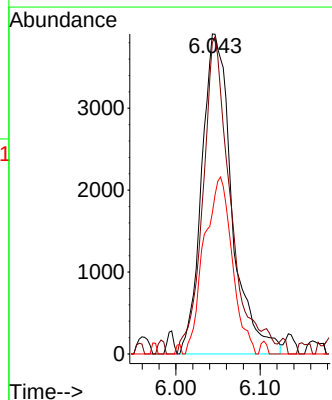
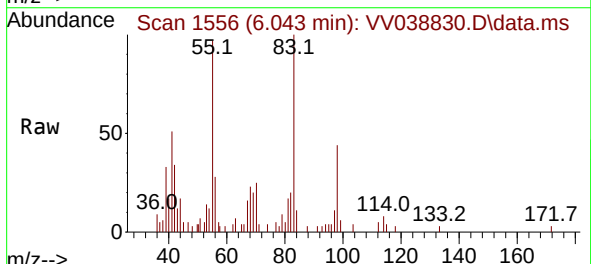
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

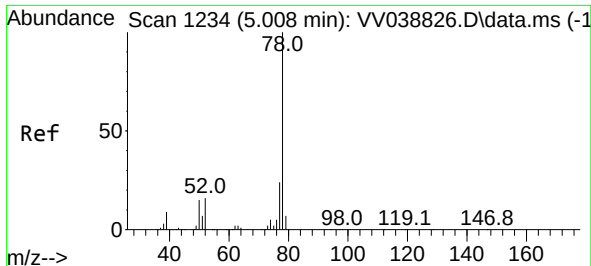
Tgt Ion:	117	Resp:	7765
Ion	Ratio	Lower	Upper
117	100		
119	88.7	76.4	114.6
121	26.8	24.0	36.0



#39
Methylcyclohexane
Concen: 1.059 ug/l
RT: 6.043 min Scan# 1556
Delta R.T. -0.003 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion:	83	Resp:	9762
Ion	Ratio	Lower	Upper
83	100		
55	93.5	62.4	93.6
98	44.2	39.1	58.7

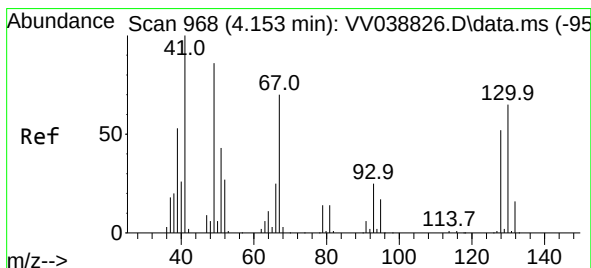
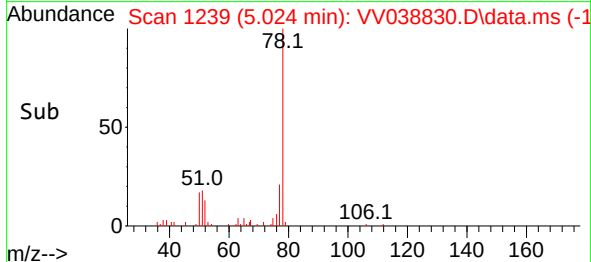
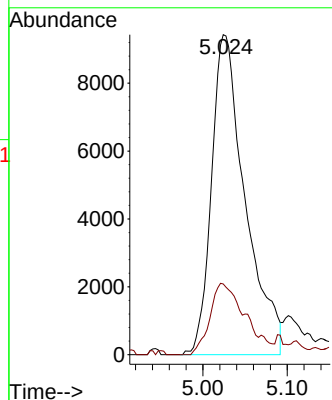
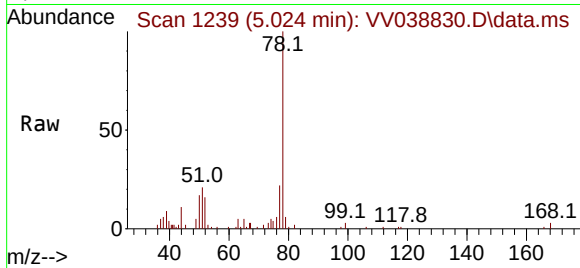




#40
Benzene
Concen: 1.075 ug/l
RT: 5.024 min Scan# 11
Delta R.T. 0.016 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

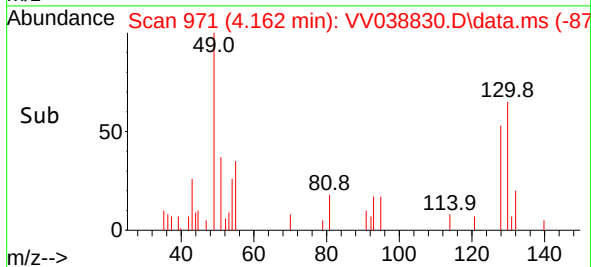
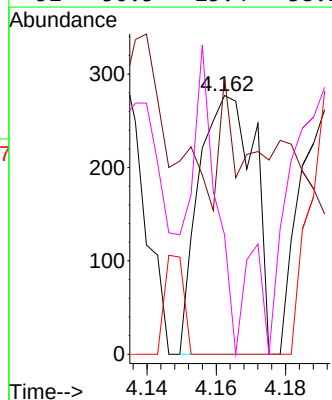
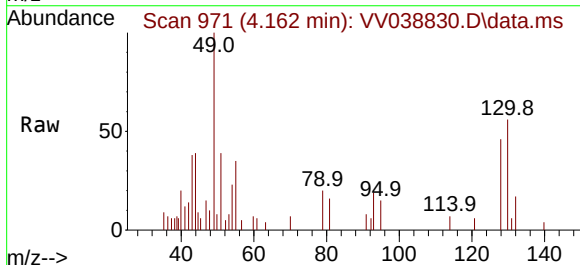
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

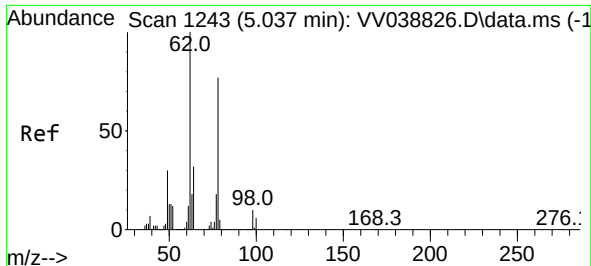
Tgt Ion: 78 Resp: 26126
Ion Ratio Lower Upper
78 100
77 22.1 19.3 28.9



#41
Methacrylonitrile
Concen: 2.571 ug/l
RT: 4.162 min Scan# 971
Delta R.T. 0.009 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 41 Resp: 307
Ion Ratio Lower Upper
41 100
39 0.0 42.2 63.2#
67 0.0 68.2 102.4#
52 50.5 25.4 38.2#





#42

1,2-Dichloroethane

Concen: 0.358 ug/l

RT: 5.059 min Scan# 11

Delta R.T. 0.022 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA_V

ClientSampleId :

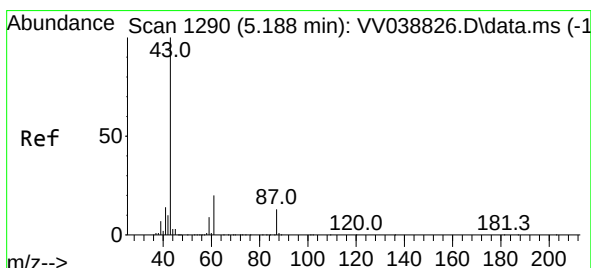
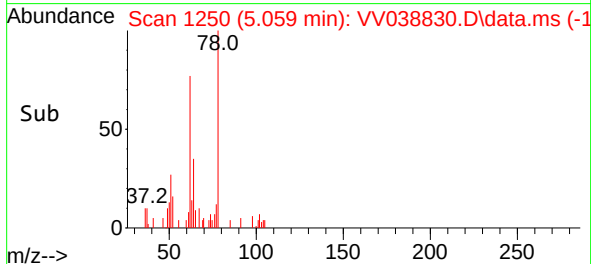
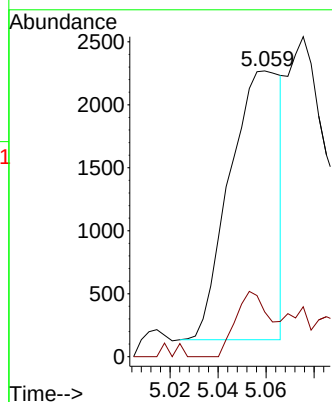
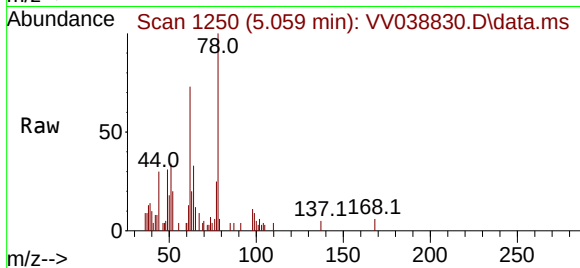
VSTDICC001

Tgt Ion: 62 Resp: 3137

Ion Ratio Lower Upper

62 100

98 16.8 0.0 17.8



#43

Isopropyl Acetate

Concen: 0.456 ug/l

RT: 5.233 min Scan# 1304

Delta R.T. 0.045 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

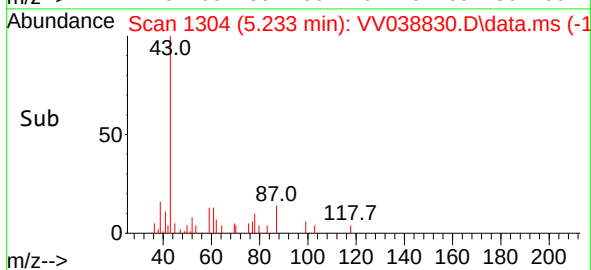
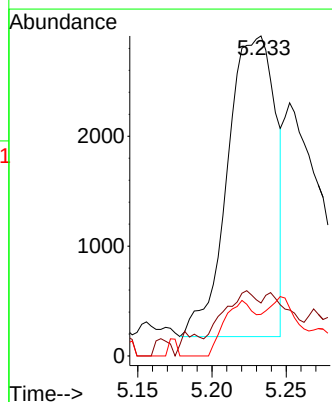
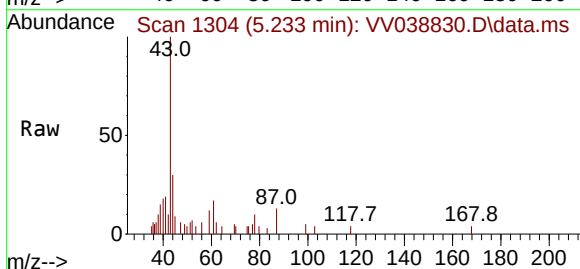
Tgt Ion: 43 Resp: 6123

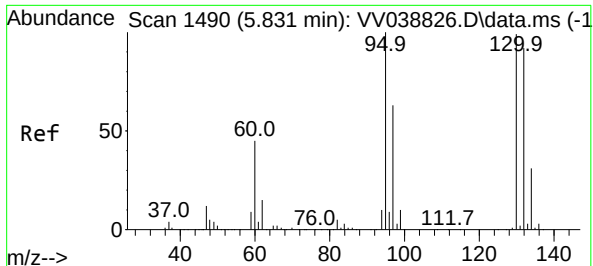
Ion Ratio Lower Upper

43 100

61 0.0 15.4 23.2#

87 5.2 10.1 15.1#

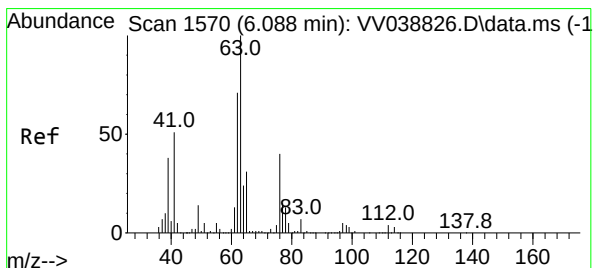
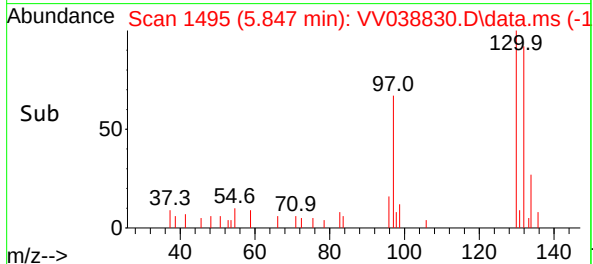
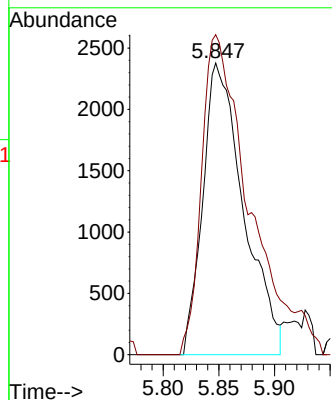
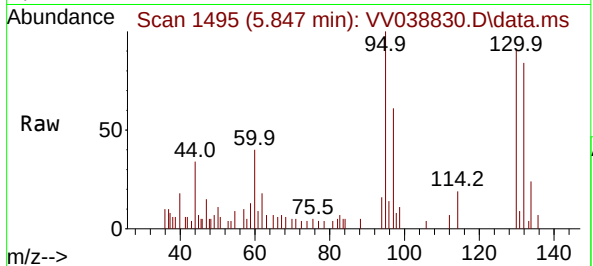




#44
Trichloroethene
Concen: 1.039 ug/l
RT: 5.847 min Scan# 1495
Delta R.T. 0.016 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

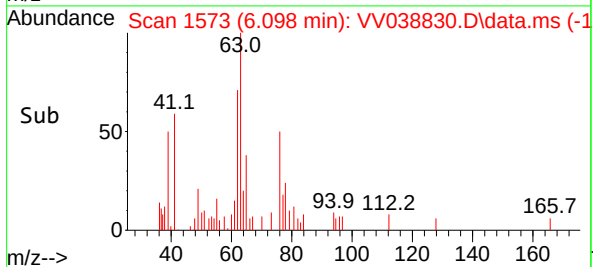
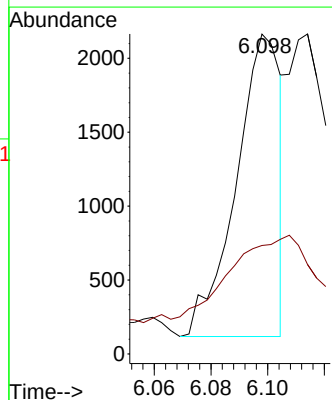
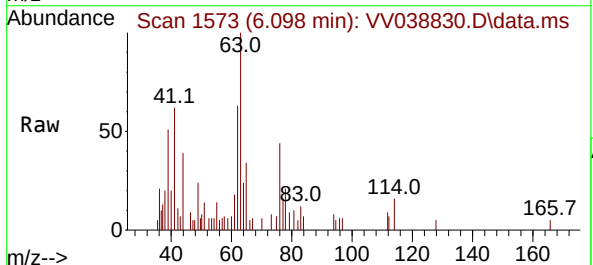
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

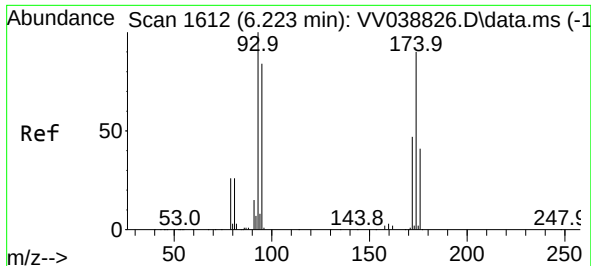
Tgt Ion:130 Resp: 6060
Ion Ratio Lower Upper
130 100
95 109.7 0.0 201.6



#45
1,2-Dichloropropane
Concen: 0.354 ug/l
RT: 6.098 min Scan# 1573
Delta R.T. 0.010 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 63 Resp: 2225
Ion Ratio Lower Upper
63 100
65 23.6 24.3 36.5#

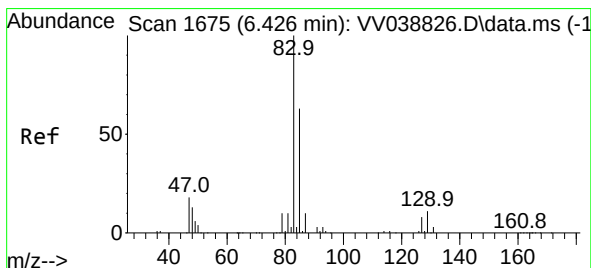
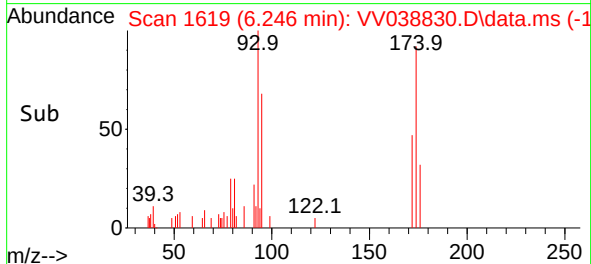
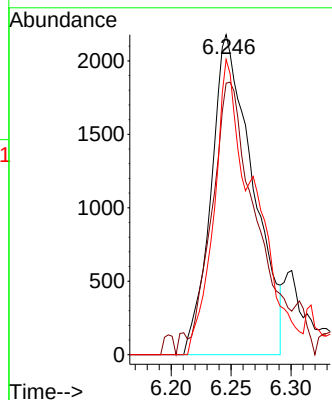
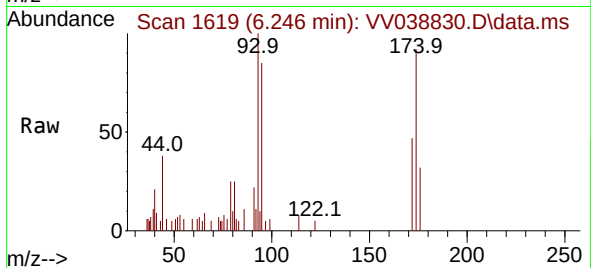




#46
Dibromomethane
Concen: 1.101 ug/l
RT: 6.246 min Scan# 1619
Delta R.T. 0.022 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

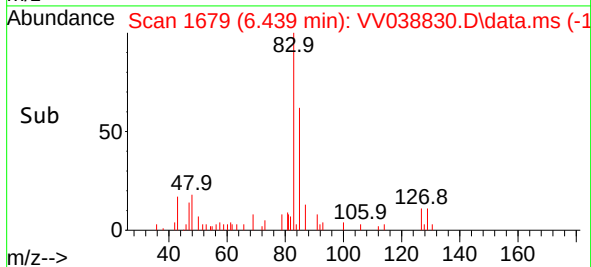
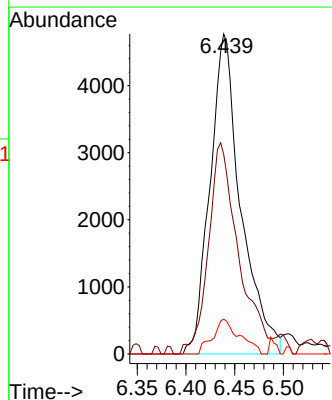
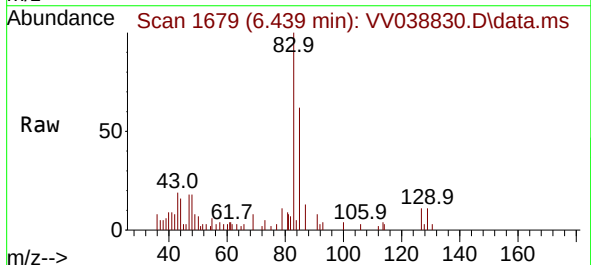
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

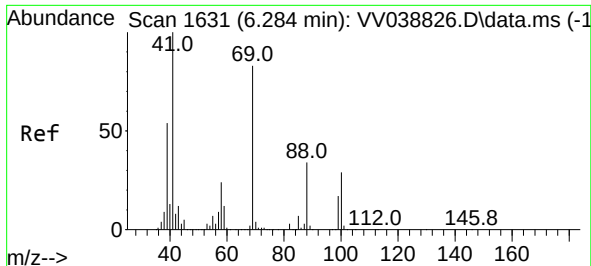
Tgt Ion: 93 Resp: 5278
Ion Ratio Lower Upper
93 100
95 80.4 66.9 100.3
174 57.6 71.4 107.0#



#47
Bromodichloromethane
Concen: 1.110 ug/l
RT: 6.439 min Scan# 1679
Delta R.T. 0.013 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 83 Resp: 10509
Ion Ratio Lower Upper
83 100
85 62.4 50.7 76.1
127 10.9 6.2 9.2#





#49

1,4-Dioxane

Concen: 18.068 ug/l

RT: 6.336 min Scan# 1

Delta R.T. 0.051 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

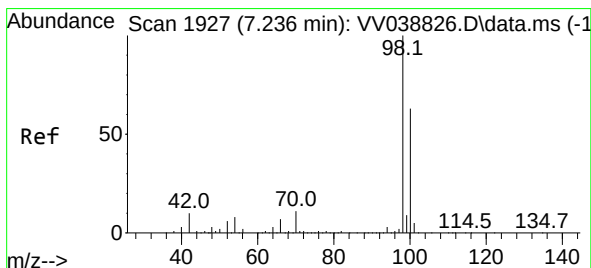
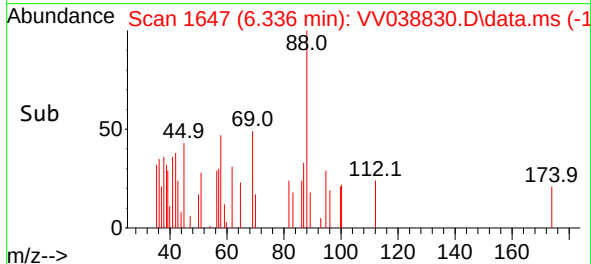
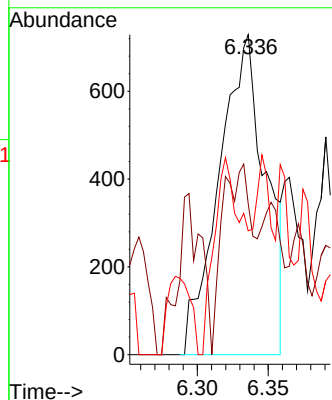
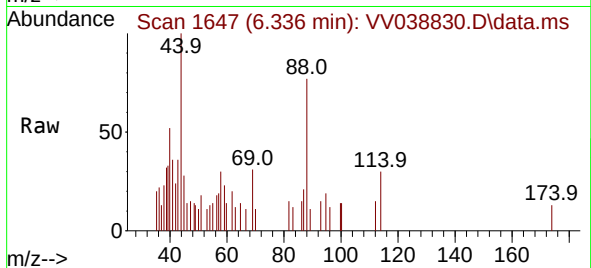
Tgt Ion: 88 Resp: 1662

Ion Ratio Lower Upper

88 100

43 0.0 30.4 45.6#

58 18.8 59.6 89.4#



#50

Toluene-d8

Concen: 0.912 ug/l

RT: 7.249 min Scan# 1931

Delta R.T. 0.013 min

Lab File: VV038830.D

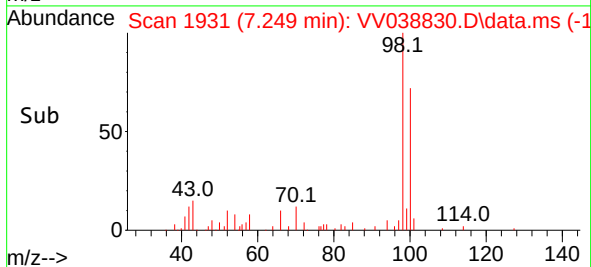
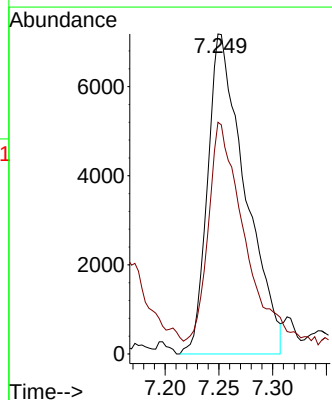
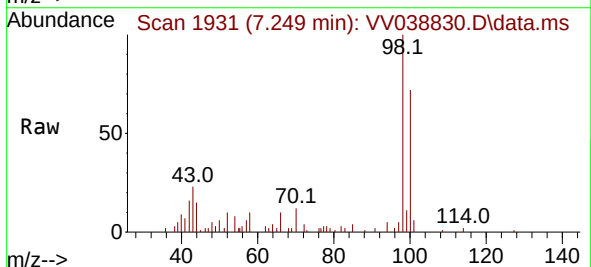
Acq: 27 Jun 2025 13:10

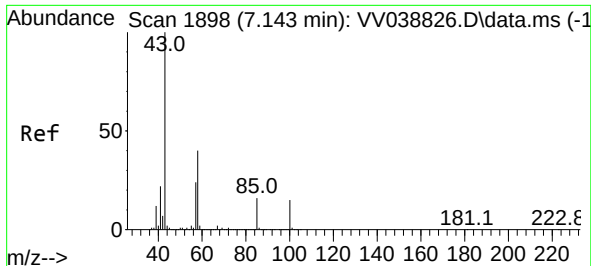
Tgt Ion: 98 Resp: 17477

Ion Ratio Lower Upper

98 100

100 70.2 51.7 77.5

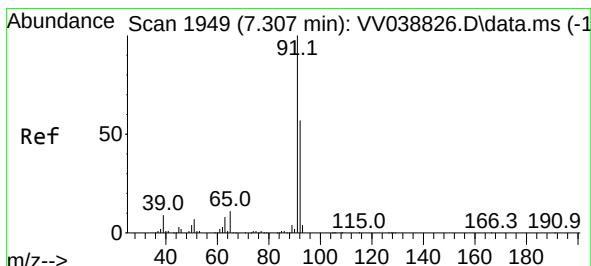
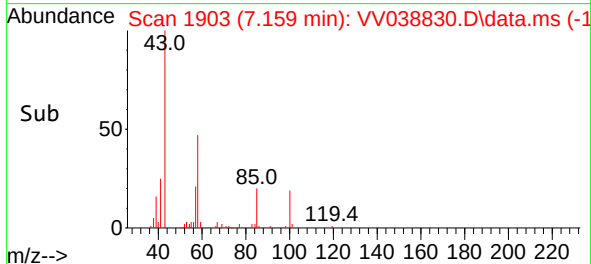
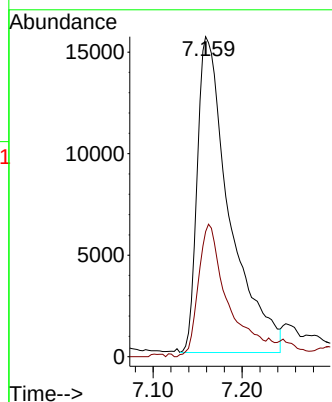
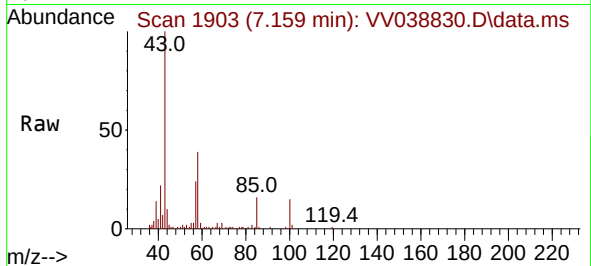




#51
4-Methyl-2-Pentanone
Concen: 3.974 ug/l
RT: 7.159 min Scan# 1903
Delta R.T. 0.016 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

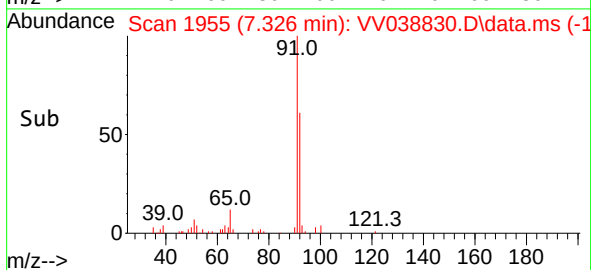
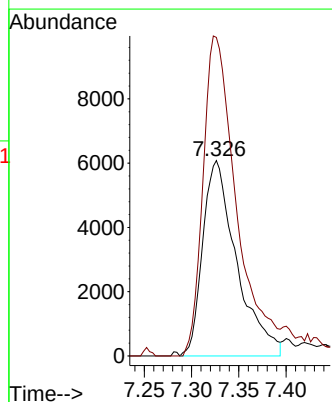
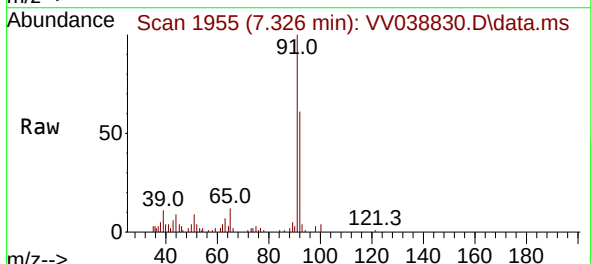
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

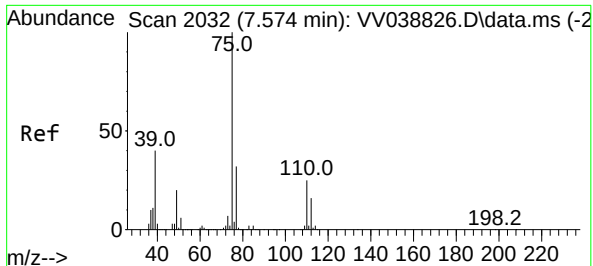
Tgt Ion: 43 Resp: 39209
Ion Ratio Lower Upper
43 100
58 37.8 31.4 47.2



#52
Toluene
Concen: 1.026 ug/l
RT: 7.326 min Scan# 1955
Delta R.T. 0.019 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 92 Resp: 15202
Ion Ratio Lower Upper
92 100
91 161.1 140.3 210.5





#53

t-1,3-Dichloropropene

Concen: 0.897 ug/l

RT: 7.606 min Scan# 2042

Delta R.T. 0.032 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA_V

ClientSampleId :

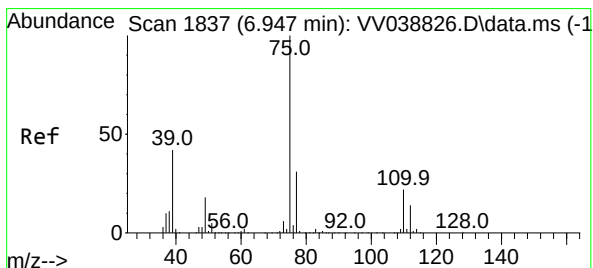
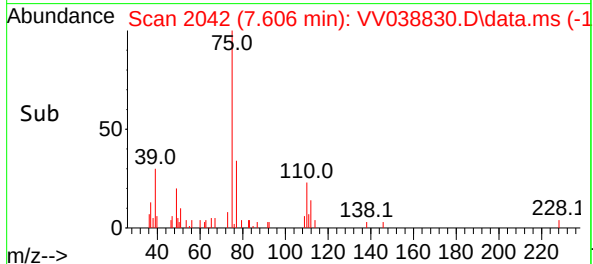
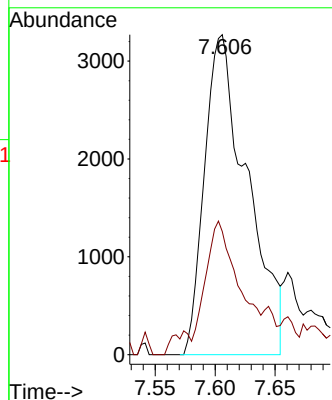
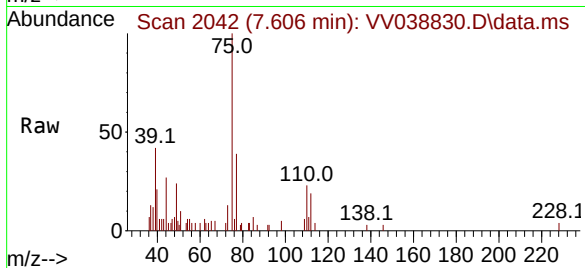
VSTDIC001

Tgt Ion: 75 Resp: 8096

Ion Ratio Lower Upper

75 100

77 33.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 0.996 ug/l

RT: 6.966 min Scan# 1843

Delta R.T. 0.019 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

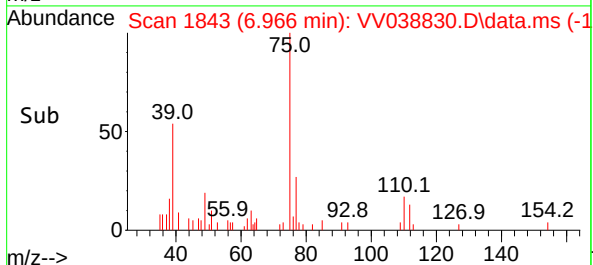
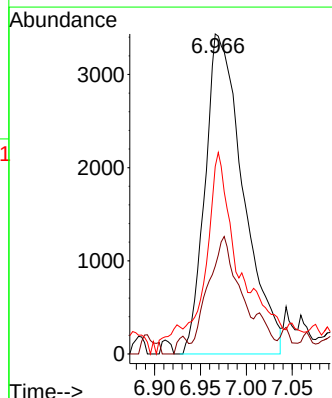
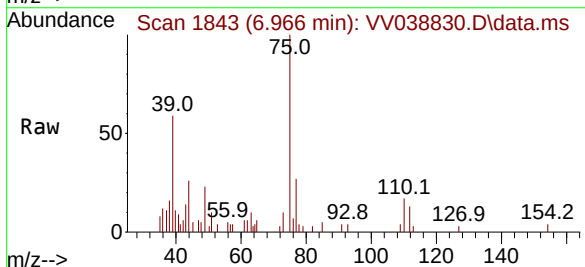
Tgt Ion: 75 Resp: 9943

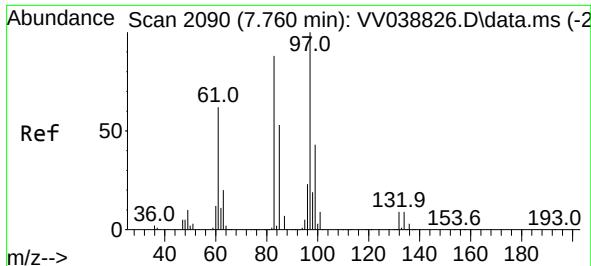
Ion Ratio Lower Upper

75 100

77 22.6 25.1 37.7#

39 50.1 33.8 50.6



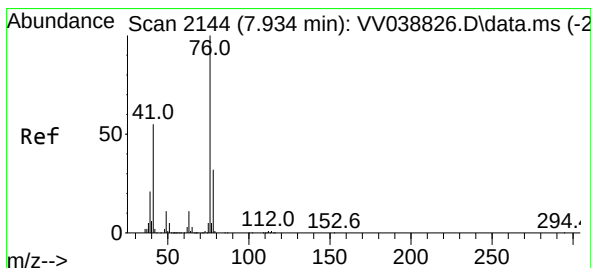
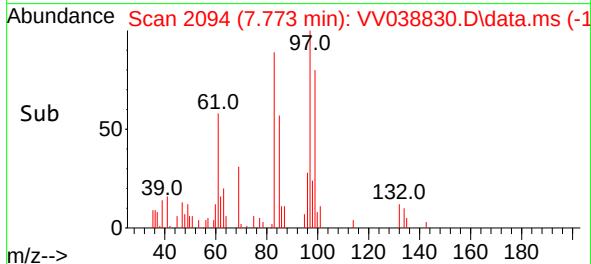
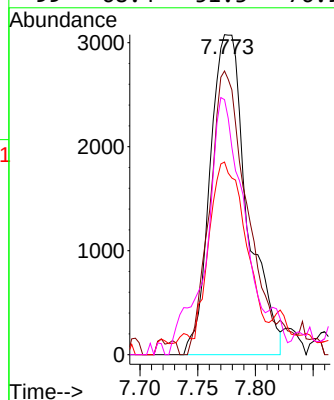
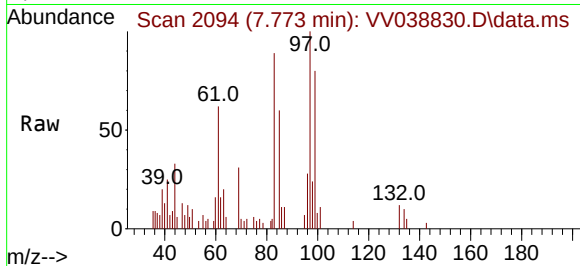


#55
 1,1,2-Trichloroethane
 Concen: 1.077 ug/l
 RT: 7.773 min Scan# 2090
 Delta R.T. 0.013 min
 Lab File: VV038830.D
 Acq: 27 Jun 2025 13:10

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

Tgt Ion: 97 Resp: 6886

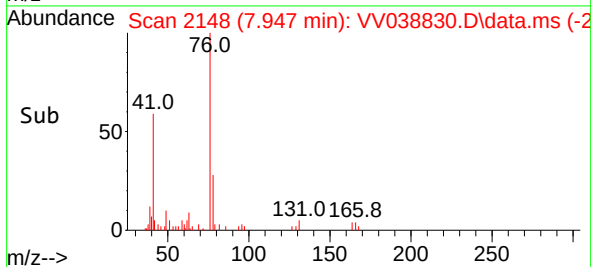
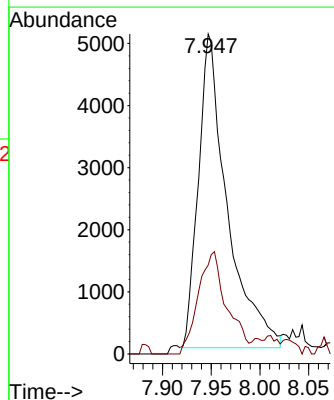
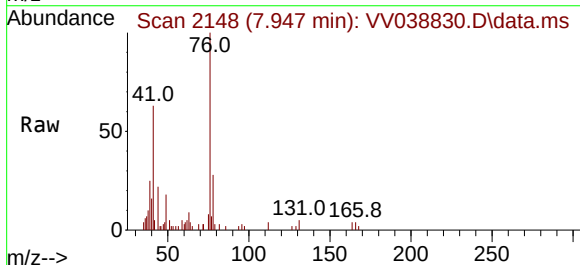
Ion	Ratio	Lower	Upper
97	100		
83	88.7	69.9	104.9
85	54.7	44.2	66.4
99	68.4	51.3	76.9

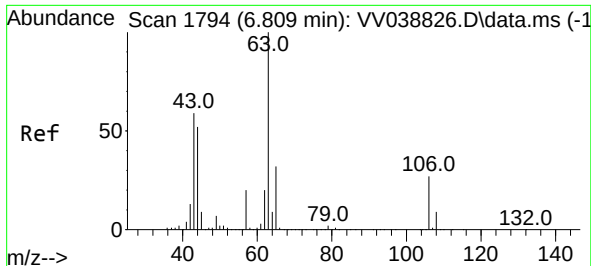


#57
 1,3-Dichloropropane
 Concen: 0.987 ug/l
 RT: 7.947 min Scan# 2148
 Delta R.T. 0.013 min
 Lab File: VV038830.D
 Acq: 27 Jun 2025 13:10

Tgt Ion: 76 Resp: 10386

Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9

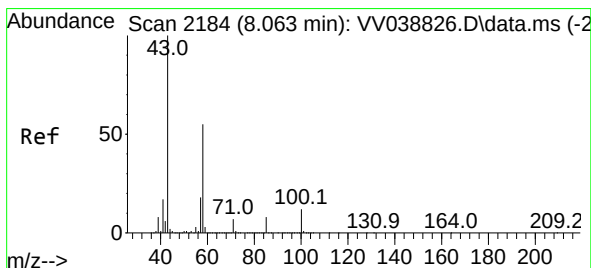
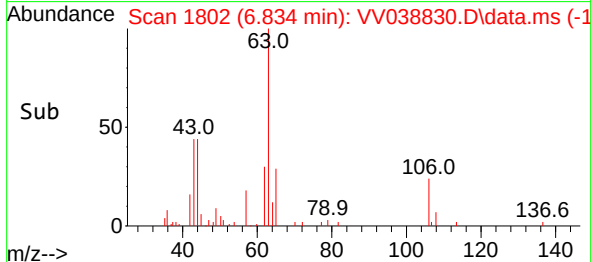
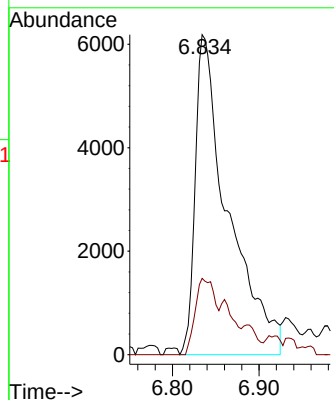
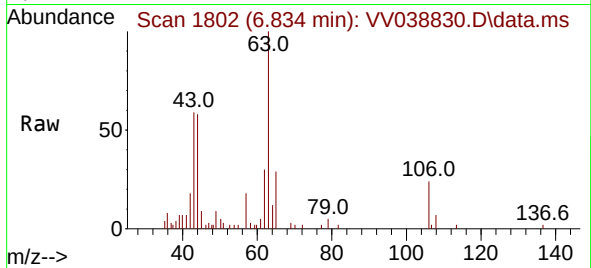




#58
2-Chloroethyl Vinyl ether
Concen: 11.054 ug/l
RT: 6.834 min Scan# 11
Delta R.T. 0.025 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

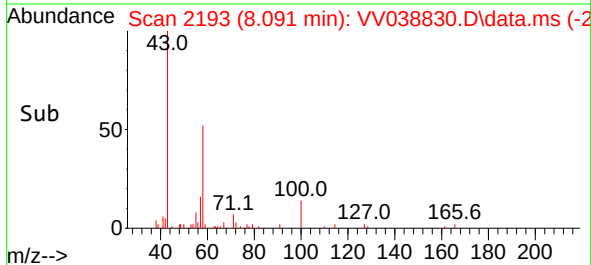
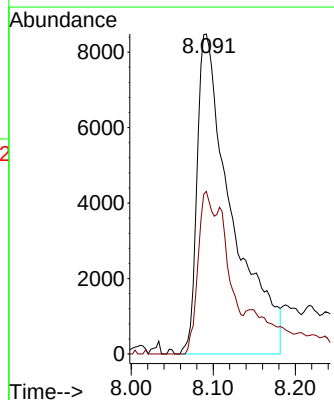
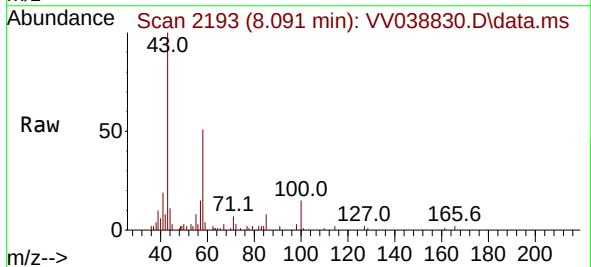
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

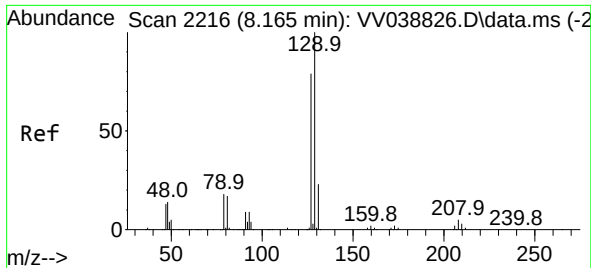
Tgt Ion: 63 Resp: 16229
Ion Ratio Lower Upper
63 100
106 14.7 21.1 31.7#



#59
2-Hexanone
Concen: 3.567 ug/l
RT: 8.091 min Scan# 2193
Delta R.T. 0.029 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 43 Resp: 24793
Ion Ratio Lower Upper
43 100
58 22.7 27.5 82.4#

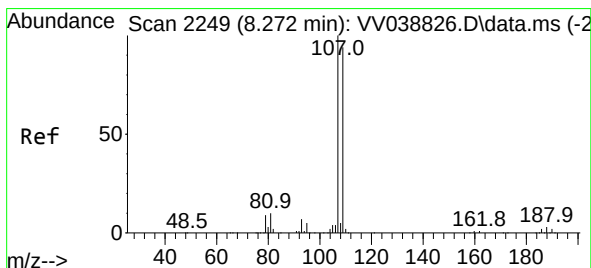
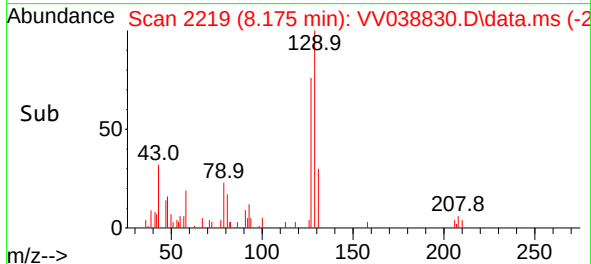
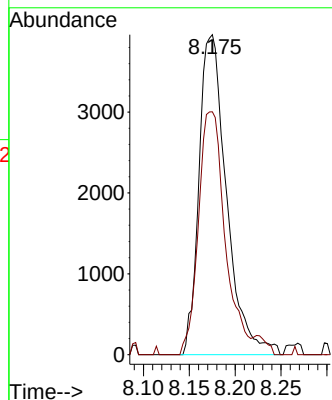
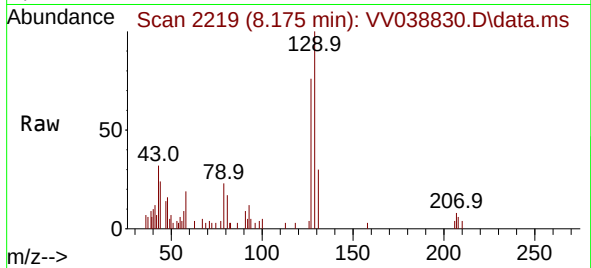




#60
Dibromochloromethane
Concen: 1.116 ug/l
RT: 8.175 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

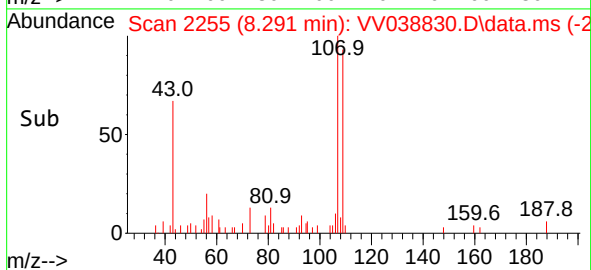
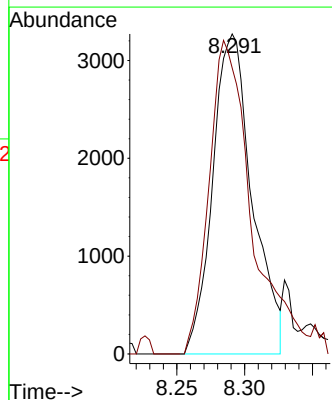
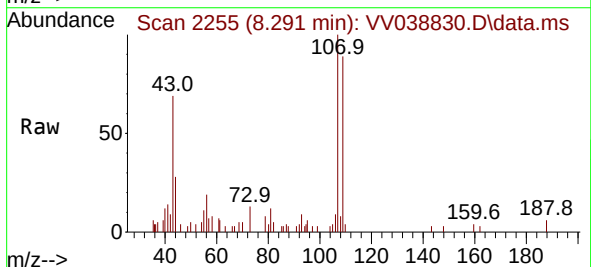
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

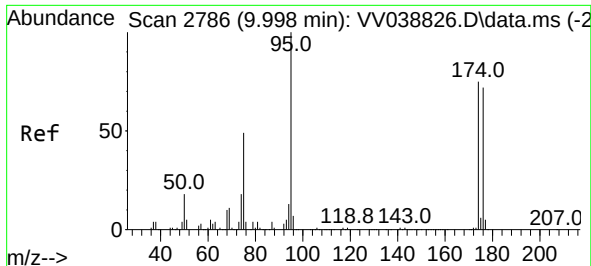
Tgt Ion:129 Resp: 8271
Ion Ratio Lower Upper
129 100
127 73.4 39.4 118.1



#61
1,2-Dibromoethane
Concen: 1.005 ug/l
RT: 8.291 min Scan# 2255
Delta R.T. 0.019 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion:107 Resp: 6634
Ion Ratio Lower Upper
107 100
109 105.9 75.4 113.0

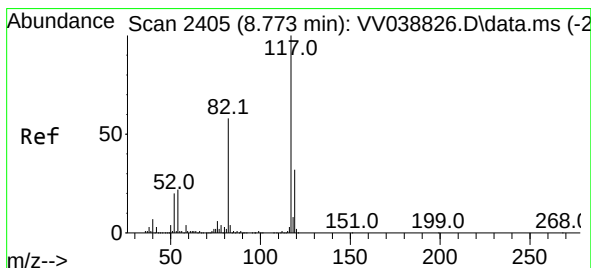
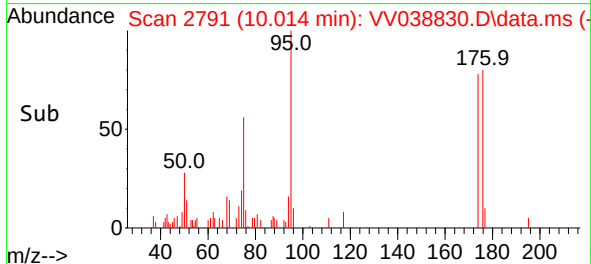
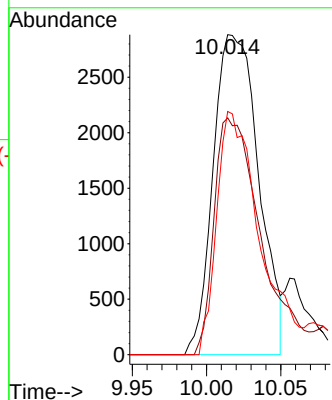
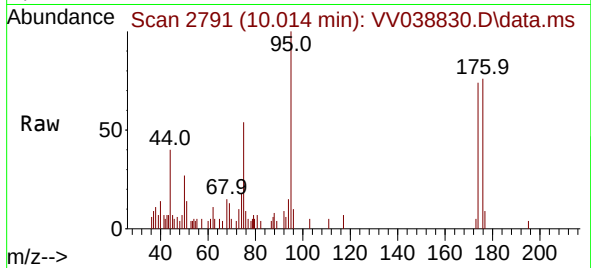




#62
4-Bromofluorobenzene
Concen: 0.872 ug/l
RT: 10.014 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

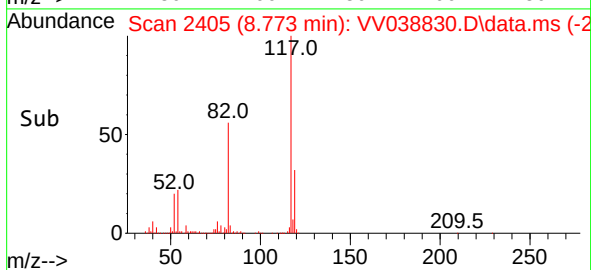
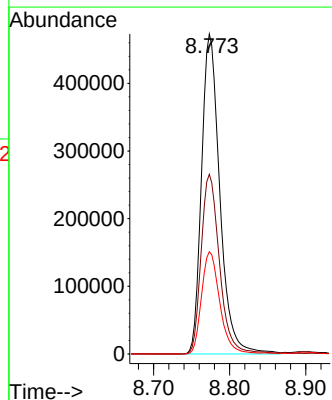
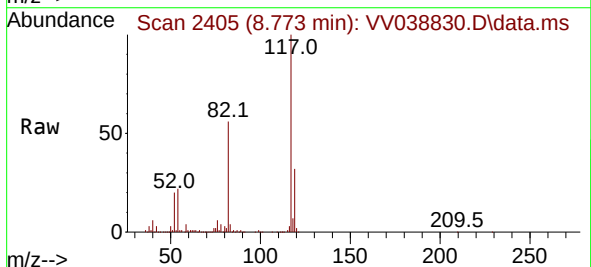
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

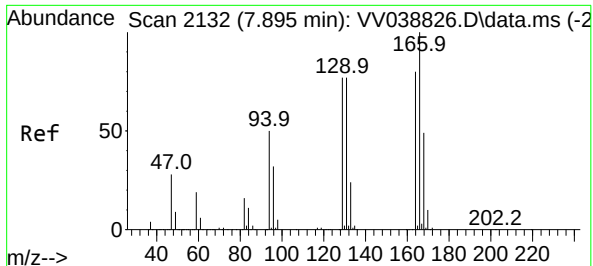
Tgt Ion: 95 Resp: 6147
Ion Ratio Lower Upper
95 100
174 76.0 0.0 151.0
176 72.1 0.0 145.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. -0.000 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 117 Resp: 791673
Ion Ratio Lower Upper
117 100
82 56.2 46.2 69.2
119 32.0 25.8 38.8



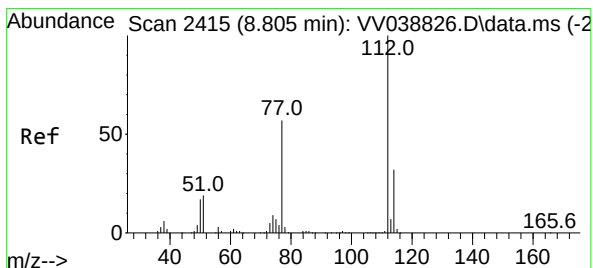
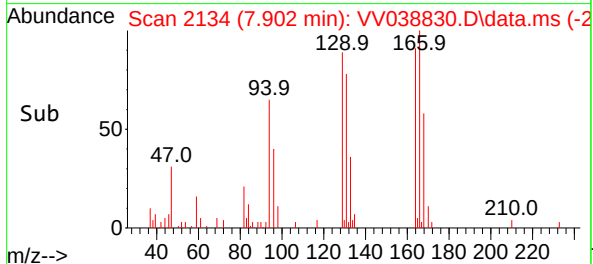
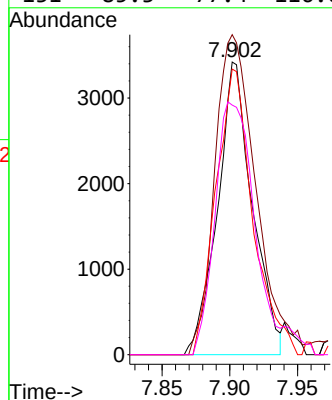
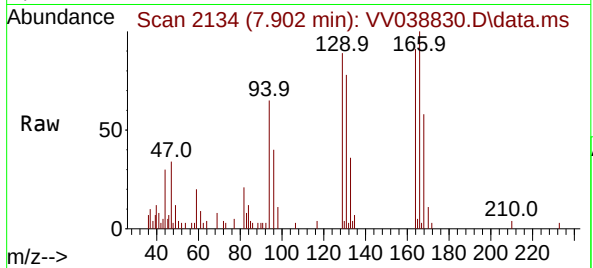


#64
Tetrachloroethene
Concen: 1.108 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.006 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Instrument :
MSVOA_V
ClientSampleId :
VSTDICC001

Tgt Ion:164 Resp: 6120

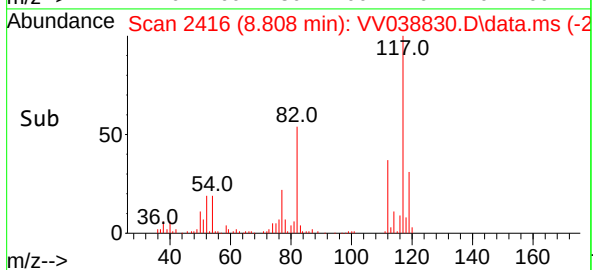
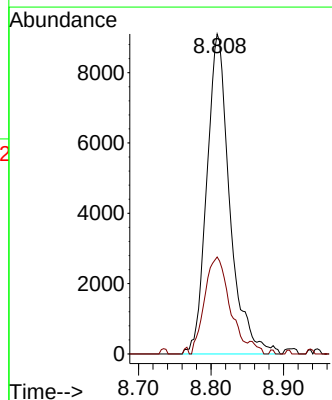
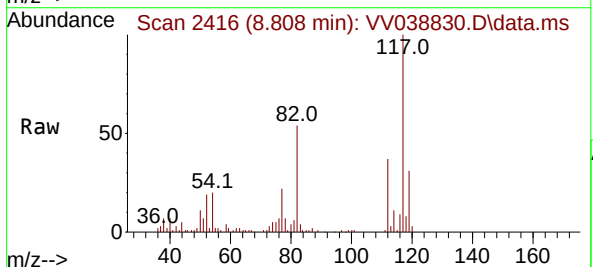
Ion	Ratio	Lower	Upper
164	100		
166	109.3	100.3	150.5
129	97.6	77.5	116.3
131	85.3	77.4	116.0

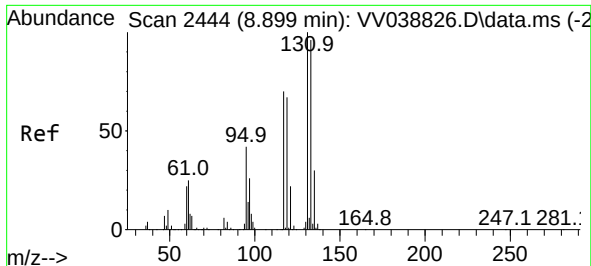


#65
Chlorobenzene
Concen: 1.155 ug/l
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion:112 Resp: 19992

Ion	Ratio	Lower	Upper
112	100		
114	30.3	25.4	38.0

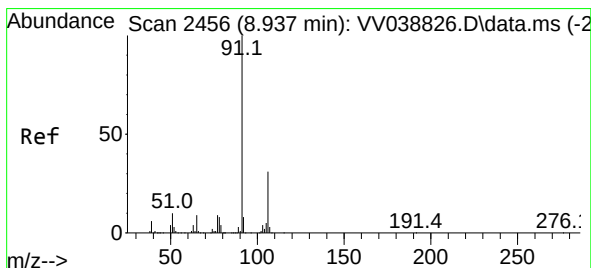
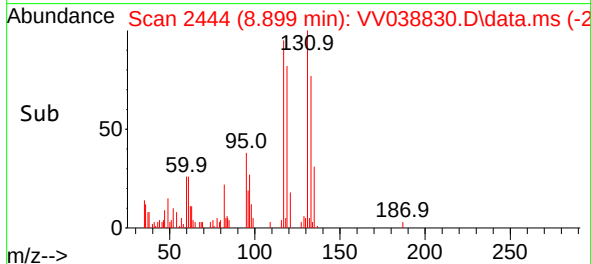
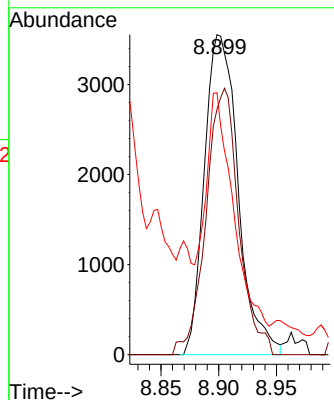
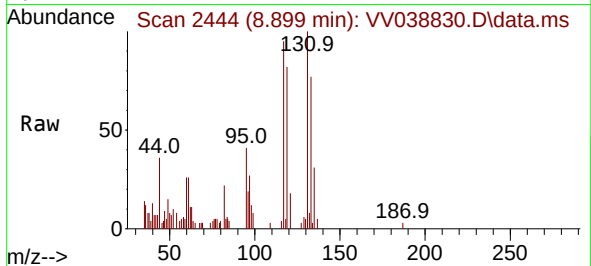




#66
 1,1,1,2-Tetrachloroethane
 Concen: 1.181 ug/l
 RT: 8.899 min Scan# 2444
 Delta R.T. -0.000 min
 Lab File: VV038830.D
 Acq: 27 Jun 2025 13:10

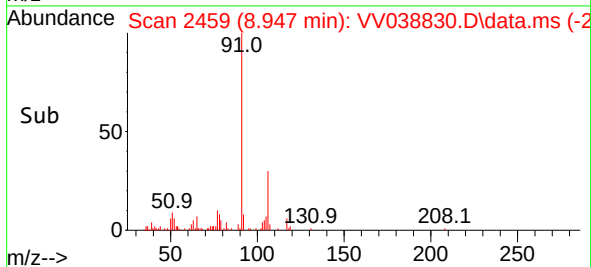
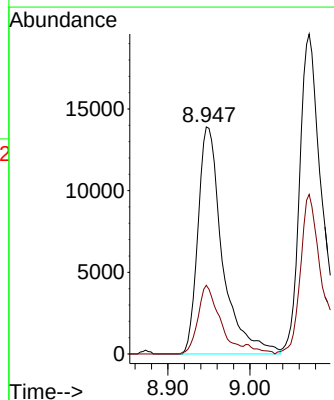
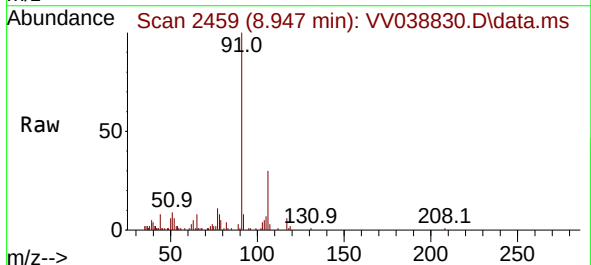
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

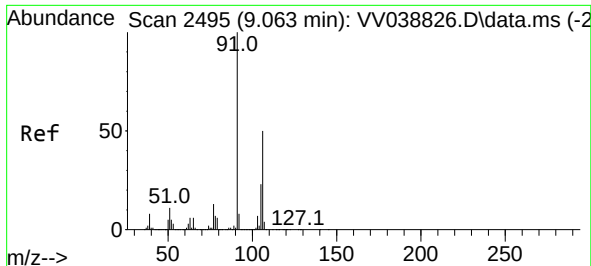
Tgt Ion:131 Resp: 7230
 Ion Ratio Lower Upper
 131 100
 133 80.4 48.1 144.4
 119 0.0 34.2 102.5#



#67
 Ethyl Benzene
 Concen: 1.058 ug/l
 RT: 8.947 min Scan# 2459
 Delta R.T. 0.010 min
 Lab File: VV038830.D
 Acq: 27 Jun 2025 13:10

Tgt Ion: 91 Resp: 28825
 Ion Ratio Lower Upper
 91 100
 106 30.2 25.0 37.6

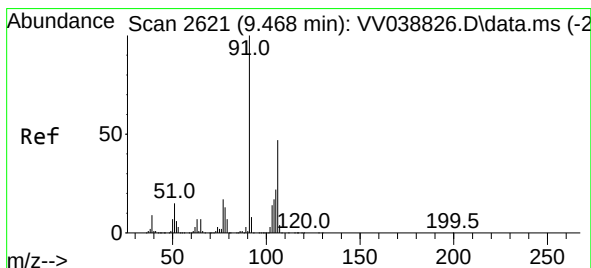
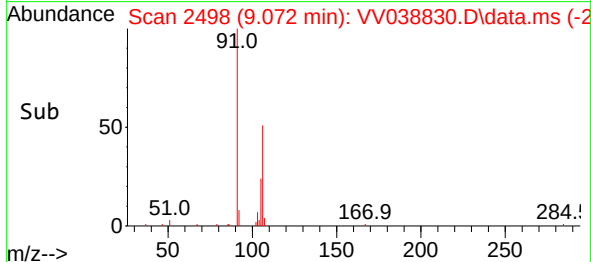
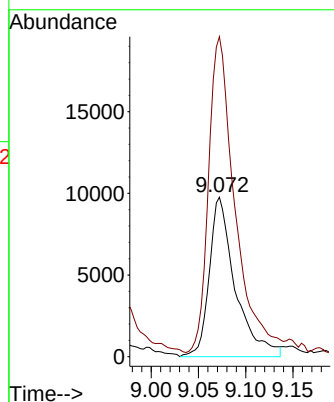
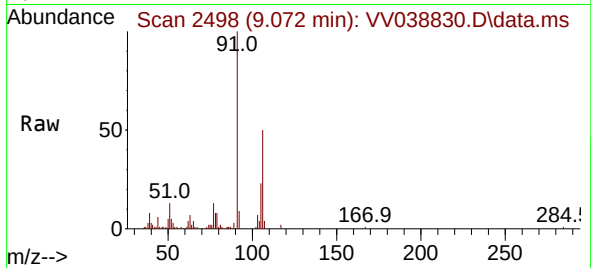




#68
m/p-Xylenes
Concen: 1.818 ug/l
RT: 9.072 min Scan# 2498
Delta R.T. 0.010 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

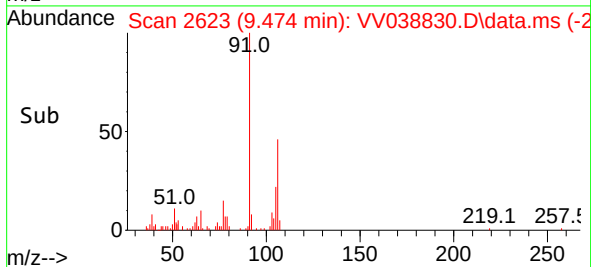
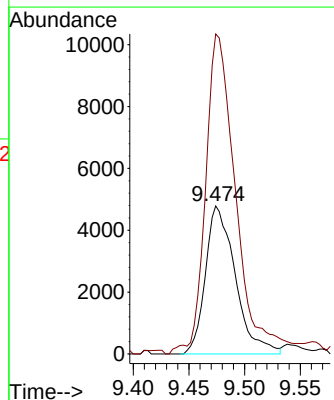
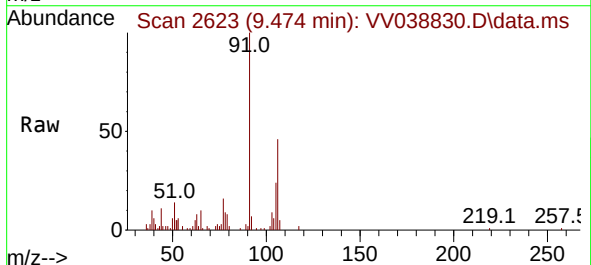
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

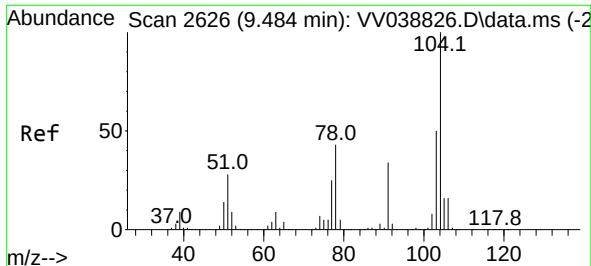
Tgt Ion:106 Resp: 18661
Ion Ratio Lower Upper
106 100
91 200.4 161.8 242.8



#69
o-Xylene
Concen: 0.931 ug/l
RT: 9.474 min Scan# 2623
Delta R.T. 0.006 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion:106 Resp: 8937
Ion Ratio Lower Upper
106 100
91 219.6 106.1 318.1





#70

Styrene

Concen: 0.789 ug/l

RT: 9.503 min Scan# 2

Delta R.T. 0.019 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

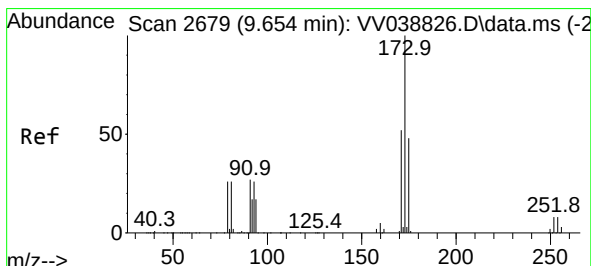
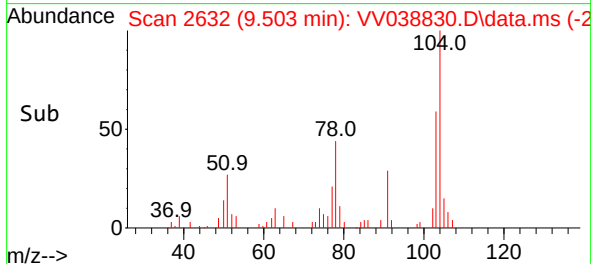
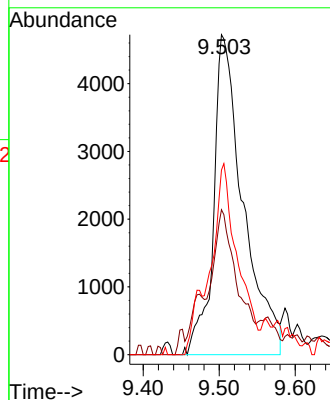
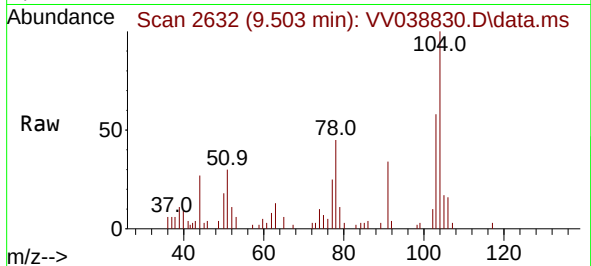
Tgt Ion:104 Resp: 12784

Ion Ratio Lower Upper

104 100

78 26.8 38.8 58.2#

103 41.1 43.4 65.2#



#71

Bromoform

Concen: 1.108 ug/l

RT: 9.667 min Scan# 2683

Delta R.T. 0.013 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

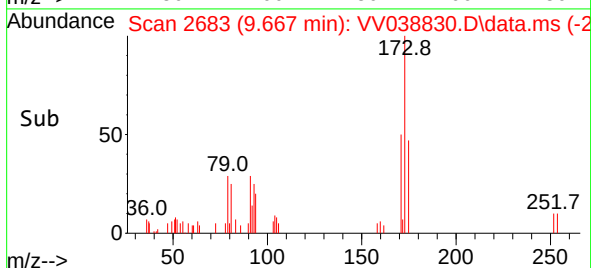
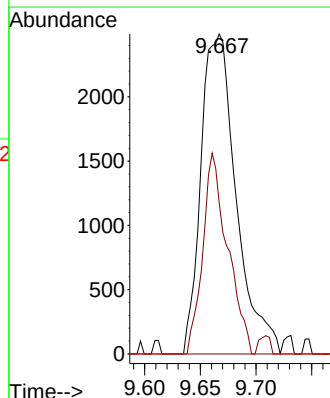
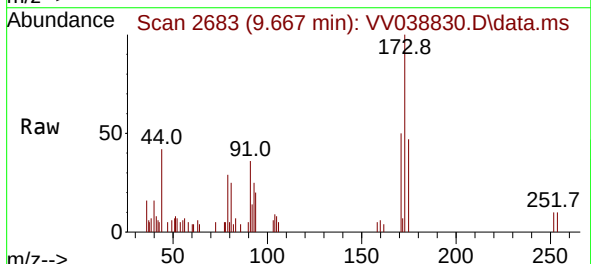
Tgt Ion:173 Resp: 5466

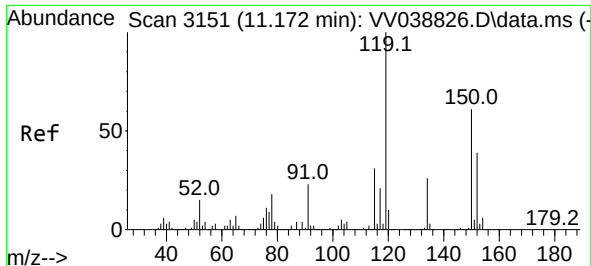
Ion Ratio Lower Upper

173 100

175 44.2 24.1 72.2

254 0.0 0.2 0.2#

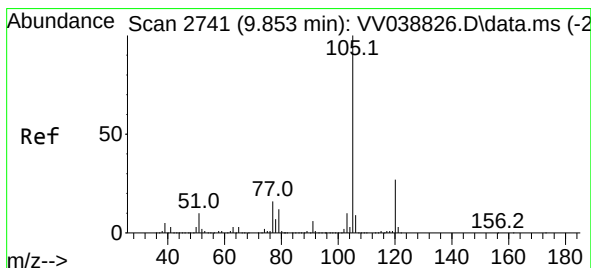
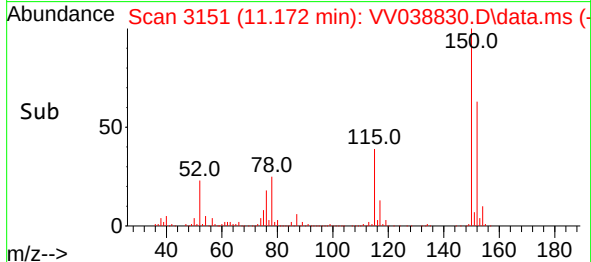
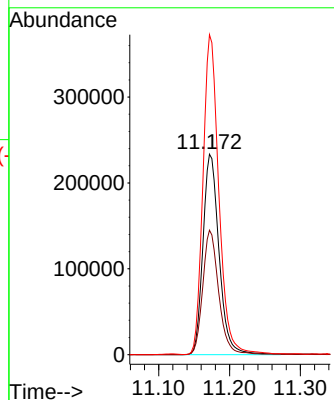
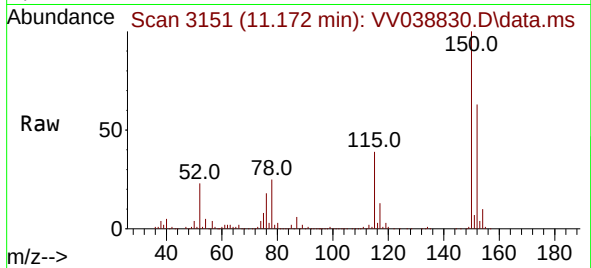




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.172 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VV038830.D
 Acq: 27 Jun 2025 13:10

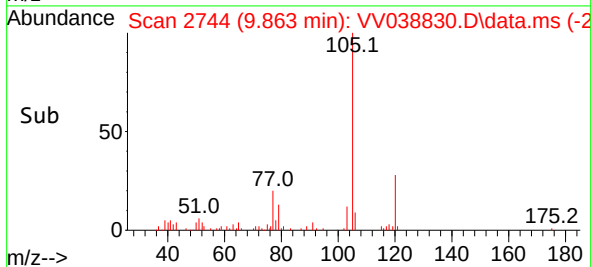
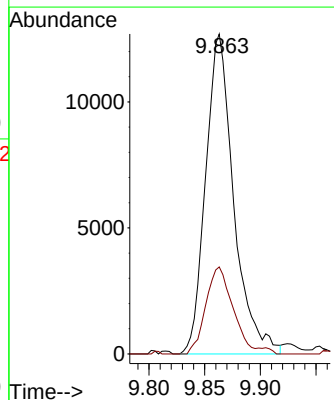
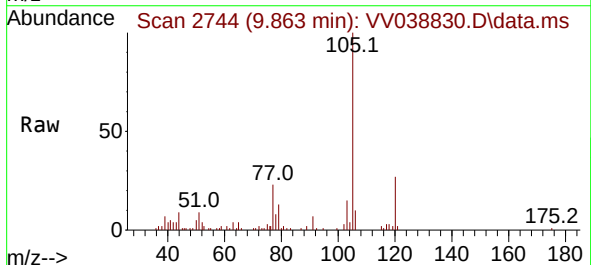
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

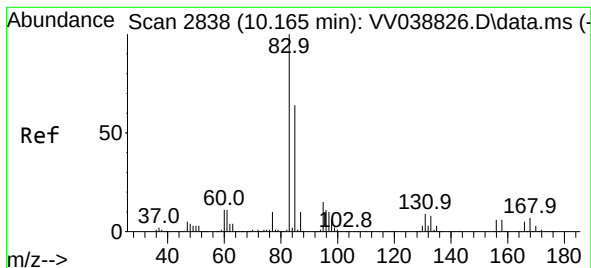
Tgt Ion:152 Resp: 368873
 Ion Ratio Lower Upper
 152 100
 115 61.4 41.3 123.7
 150 157.3 0.0 344.6



#73
 Isopropylbenzene
 Concen: 0.989 ug/l
 RT: 9.863 min Scan# 2744
 Delta R.T. 0.010 min
 Lab File: VV038830.D
 Acq: 27 Jun 2025 13:10

Tgt Ion:105 Resp: 22254
 Ion Ratio Lower Upper
 105 100
 120 26.9 13.2 39.6





#75

1,1,2,2-Tetrachloroethane

Concen: 1.265 ug/l

RT: 10.172 min Scan# 2838

Delta R.T. 0.006 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

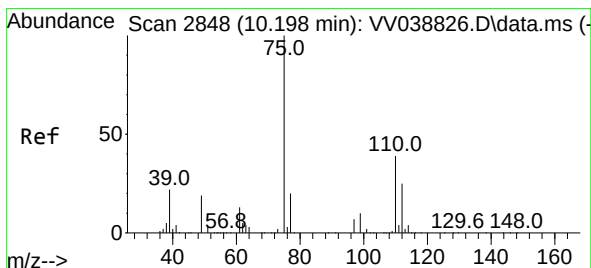
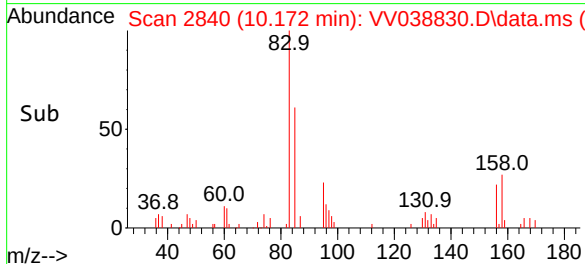
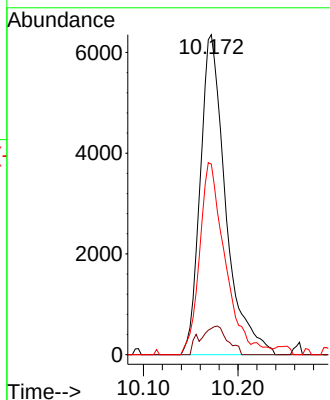
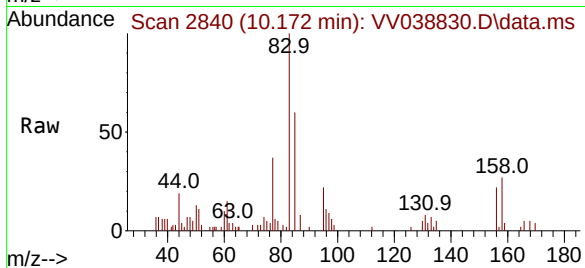
Tgt Ion: 83 Resp: 11850

Ion Ratio Lower Upper

83 100

131 7.9 4.5 13.4

85 60.8 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 1.145 ug/l

RT: 10.207 min Scan# 2851

Delta R.T. 0.010 min

Lab File: VV038830.D

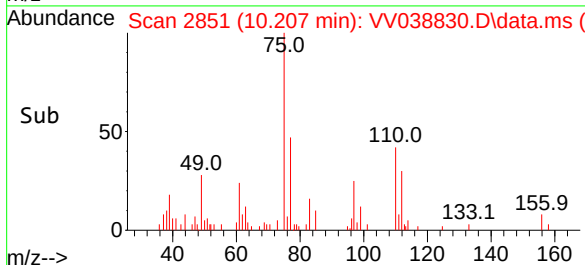
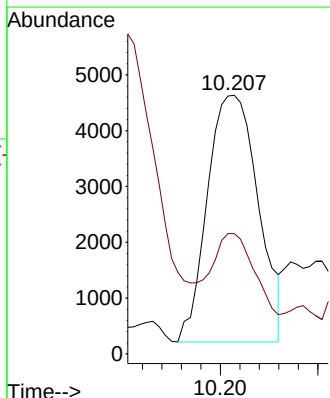
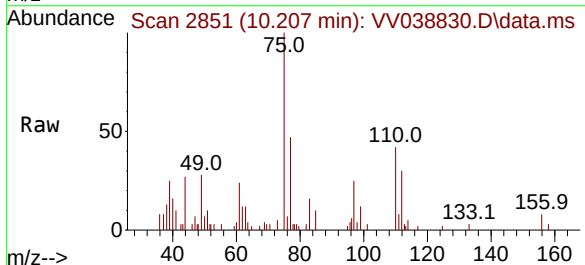
Acq: 27 Jun 2025 13:10

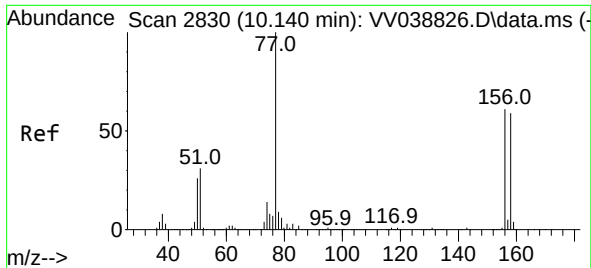
Tgt Ion: 75 Resp: 8026

Ion Ratio Lower Upper

75 100

77 28.4 17.3 52.0

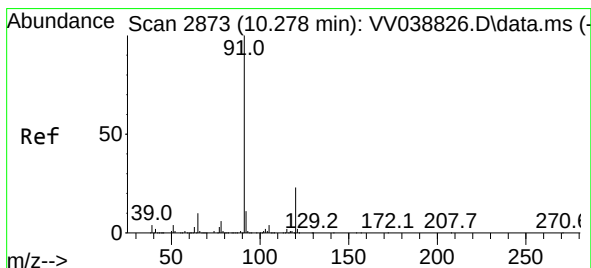
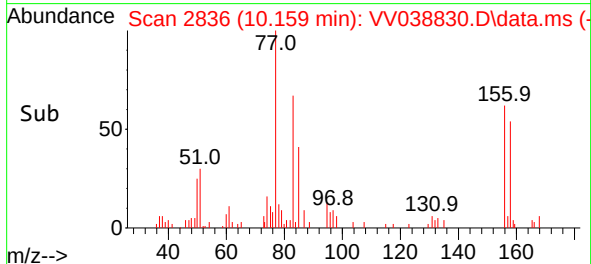
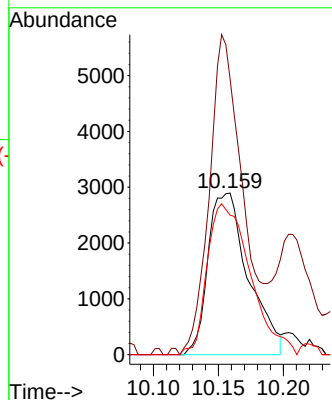
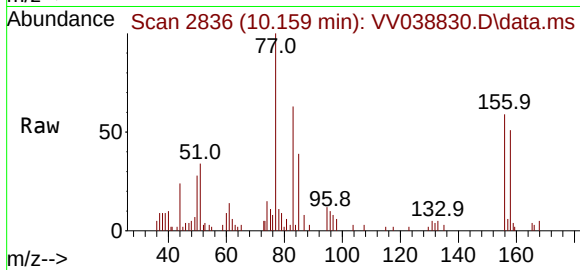




#77
Bromobenzene
Concen: 1.102 ug/l
RT: 10.159 min Scan# 2836
Delta R.T. 0.019 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

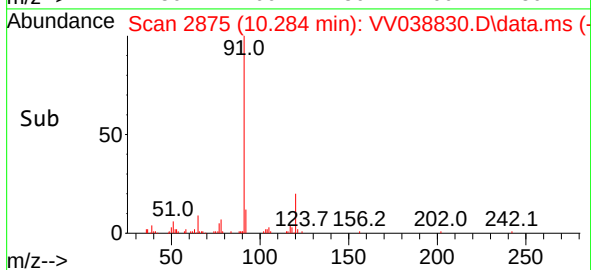
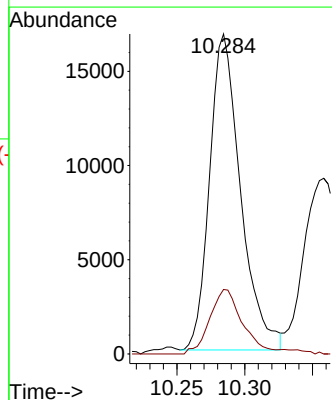
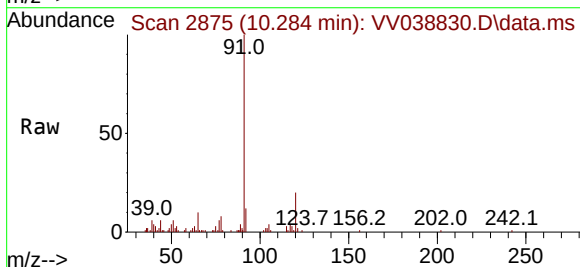
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

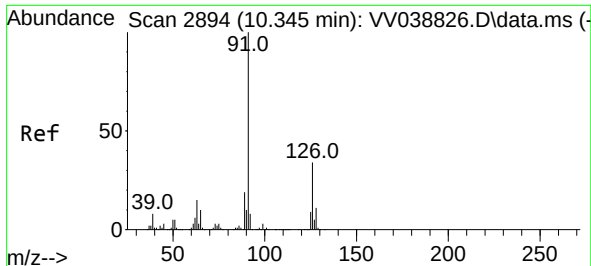
Tgt Ion:156 Resp: 6246
Ion Ratio Lower Upper
156 100
77 161.7 81.5 244.6
158 99.7 48.0 144.0



#78
n-propylbenzene
Concen: 0.980 ug/l
RT: 10.284 min Scan# 2875
Delta R.T. 0.006 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 91 Resp: 26667
Ion Ratio Lower Upper
91 100
120 22.6 11.4 34.2

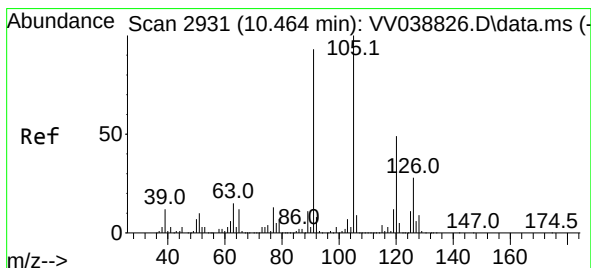
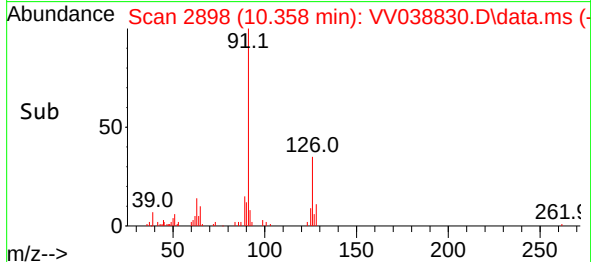
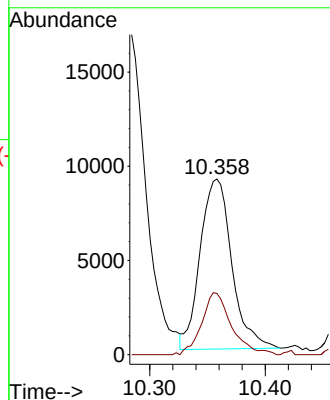
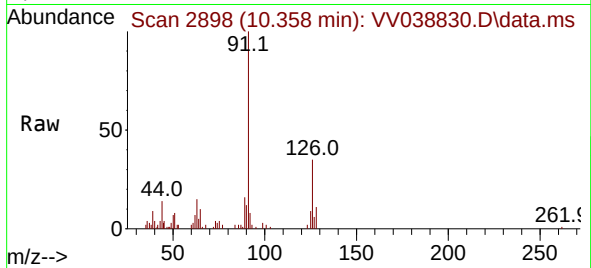




#79
2-Chlorotoluene
Concen: 1.061 ug/l
RT: 10.358 min Scan# 2898
Delta R.T. 0.013 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

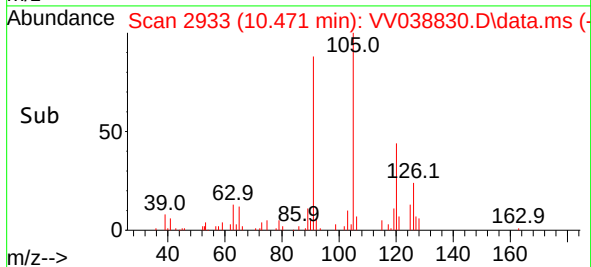
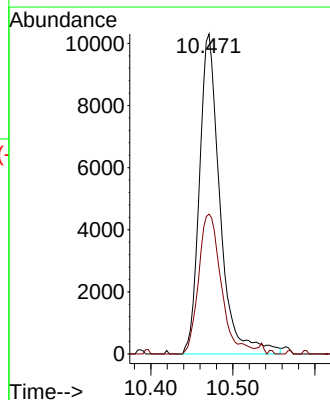
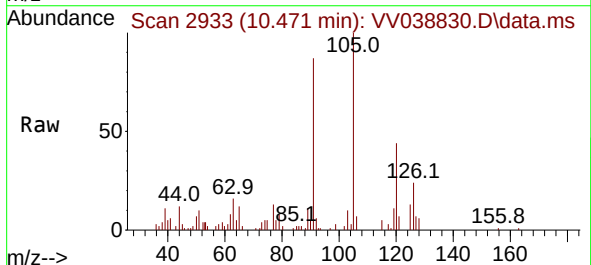
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

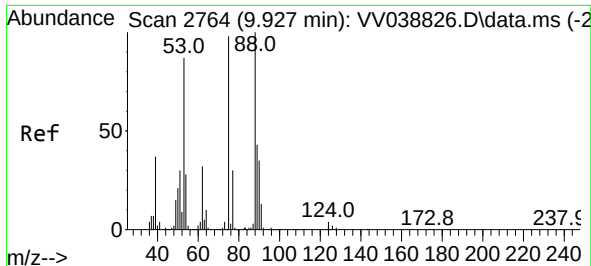
Tgt Ion: 91 Resp: 17172
Ion Ratio Lower Upper
91 100
126 34.3 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 0.959 ug/l
RT: 10.471 min Scan# 2933
Delta R.T. 0.006 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 105 Resp: 17918
Ion Ratio Lower Upper
105 100
120 48.0 24.6 73.6

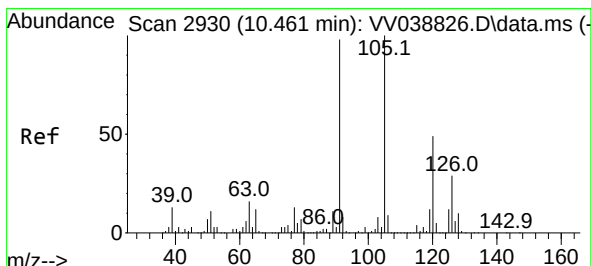
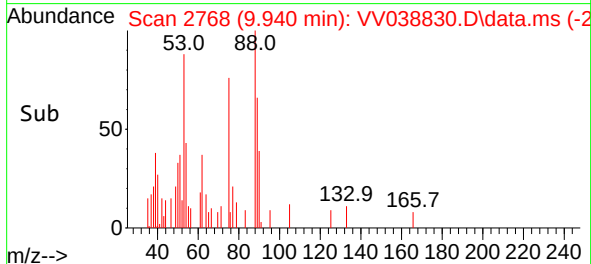
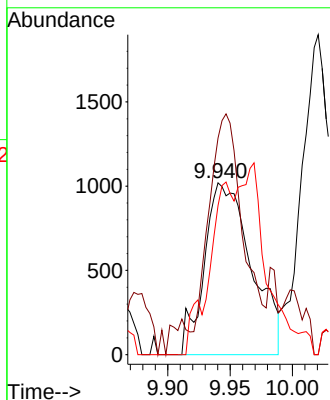
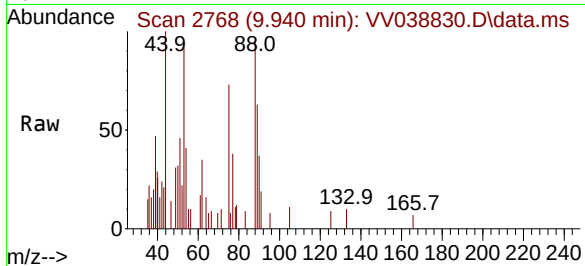




#81
trans-1,4-Dichloro-2-butene
Concen: 0.878 ug/l
RT: 9.940 min Scan# 21
Delta R.T. 0.013 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

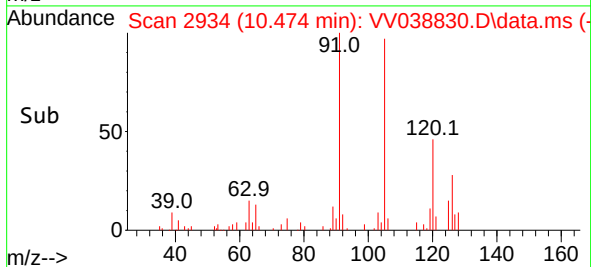
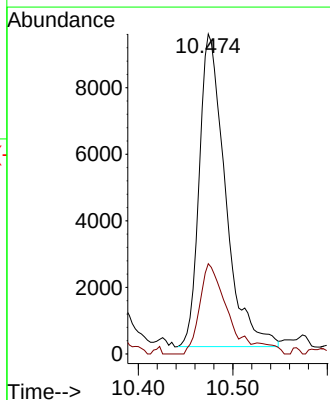
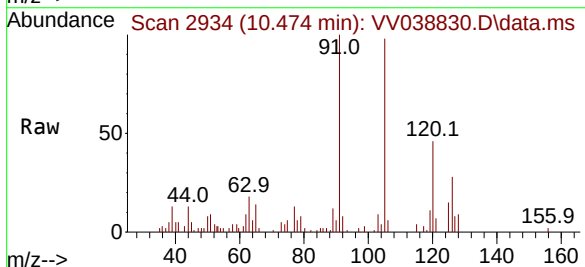
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC001

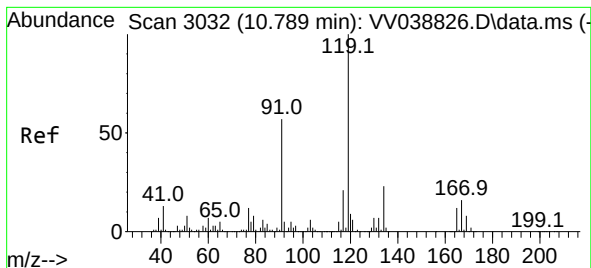
Tgt Ion: 75 Resp: 2688
Ion Ratio Lower Upper
75 100
53 104.3 72.6 109.0
89 53.3 37.0 55.6



#82
4-Chlorotoluene
Concen: 0.964 ug/l
RT: 10.474 min Scan# 2934
Delta R.T. 0.013 min
Lab File: VV038830.D
Acq: 27 Jun 2025 13:10

Tgt Ion: 91 Resp: 17994
Ion Ratio Lower Upper
91 100
126 29.5 15.1 45.3





#83

tert-Butylbenzene

Concen: 1.015 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

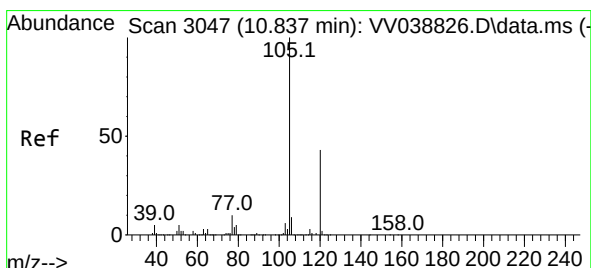
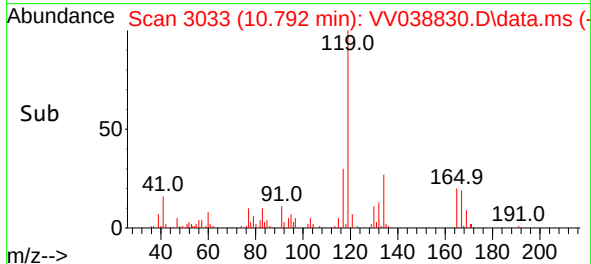
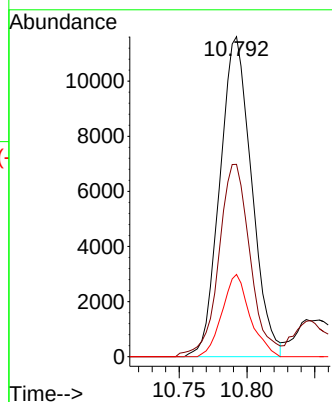
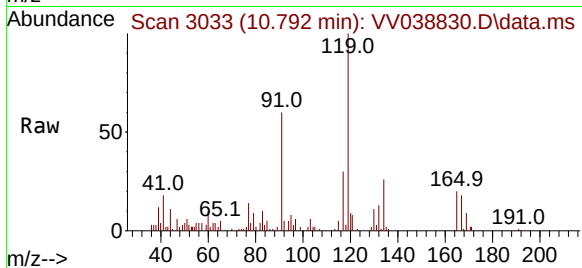
Tgt Ion:119 Resp: 18917

Ion Ratio Lower Upper

119 100

91 59.3 28.2 84.6

134 22.7 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 0.879 ug/l

RT: 10.844 min Scan# 3049

Delta R.T. 0.006 min

Lab File: VV038830.D

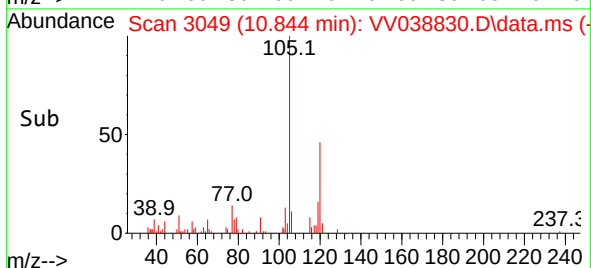
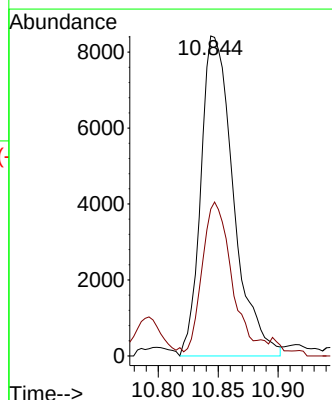
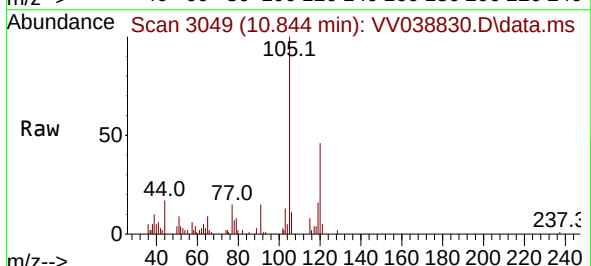
Acq: 27 Jun 2025 13:10

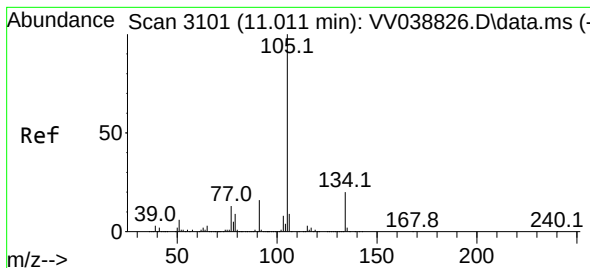
Tgt Ion:105 Resp: 15928

Ion Ratio Lower Upper

105 100

120 42.2 22.8 68.3





#85

sec-Butylbenzene

Concen: 0.912 ug/l

RT: 11.017 min Scan# 3101

Delta R.T. 0.006 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA_V

ClientSampleId :

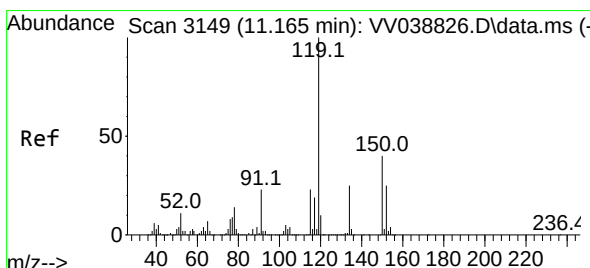
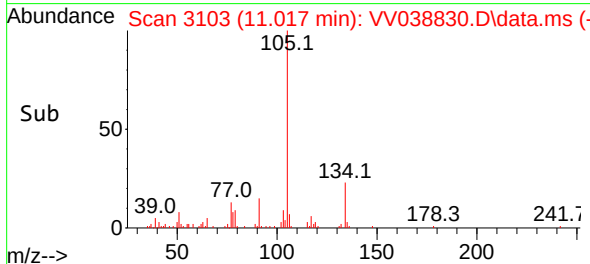
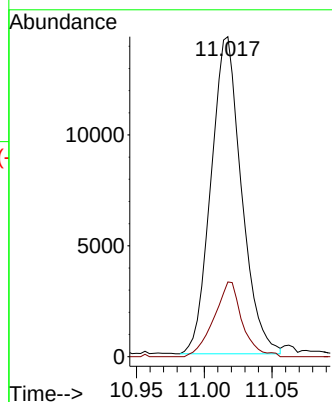
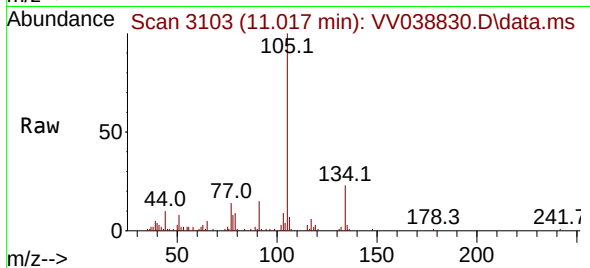
VSTDICC001

Tgt Ion:105 Resp: 22411

Ion Ratio Lower Upper

105 100

134 21.8 9.8 29.4



#86

p-Isopropyltoluene

Concen: 0.954 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.006 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

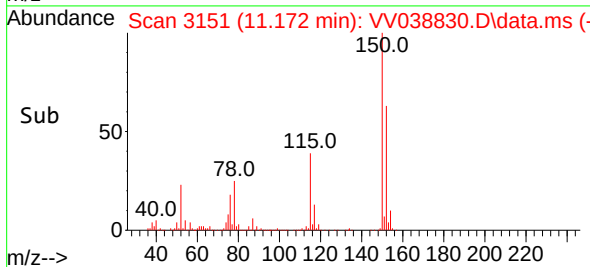
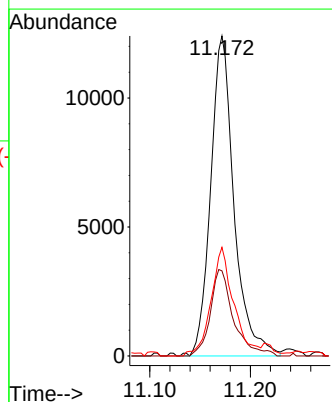
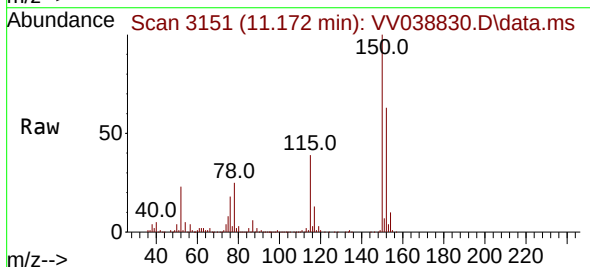
Tgt Ion:119 Resp: 20036

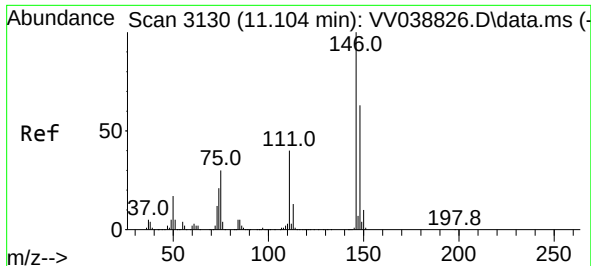
Ion Ratio Lower Upper

119 100

134 26.8 12.9 38.6

91 33.0 11.8 35.3

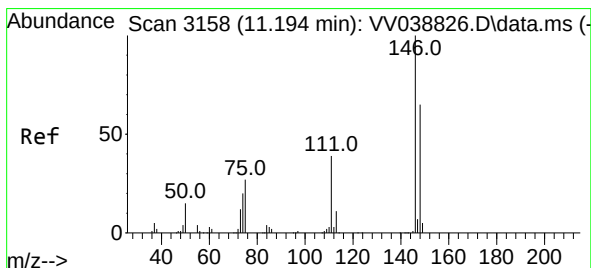
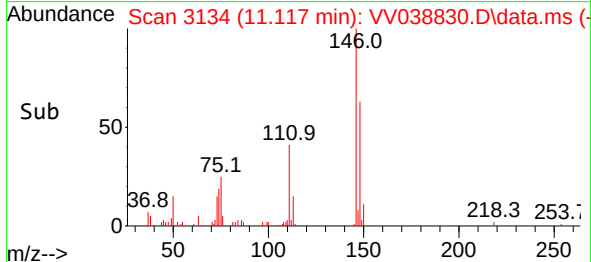
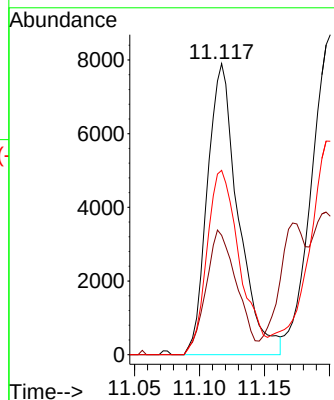
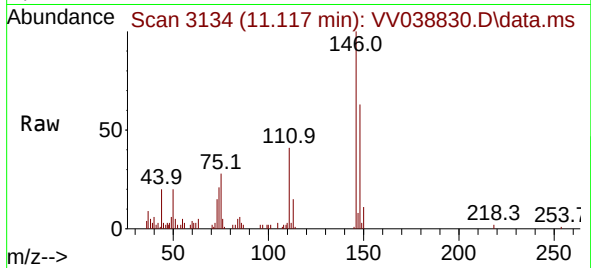




#87
 1,3-Dichlorobenzene
 Concen: 1.136 ug/l
 RT: 11.117 min Scan# 3110
 Delta R.T. 0.013 min
 Lab File: VV038830.D
 Acq: 27 Jun 2025 13:10

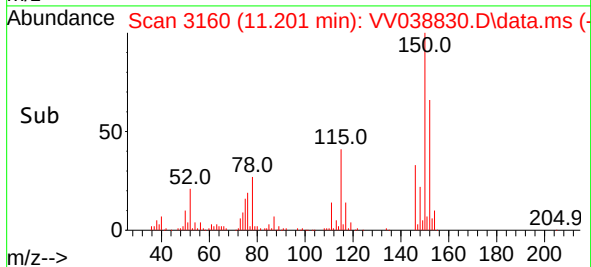
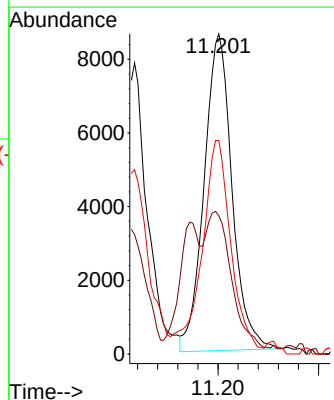
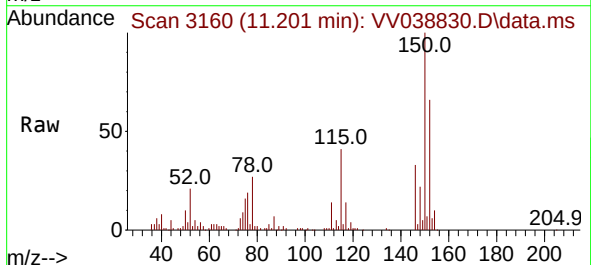
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC001

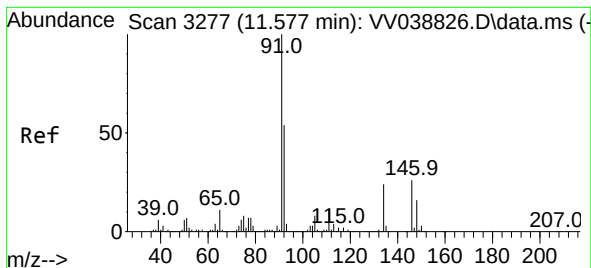
Tgt Ion:146	Resp:	13106
Ion Ratio	Lower	Upper
146	100	
111	43.0	20.3 60.9
148	67.0	31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 1.325 ug/l
 RT: 11.201 min Scan# 3160
 Delta R.T. 0.006 min
 Lab File: VV038830.D
 Acq: 27 Jun 2025 13:10

Tgt Ion:146	Resp:	16570
Ion Ratio	Lower	Upper
146	100	
111	39.4	20.5 61.5
148	70.1	32.3 96.9





#89

n-Butylbenzene

Concen: 0.988 ug/l

RT: 11.586 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

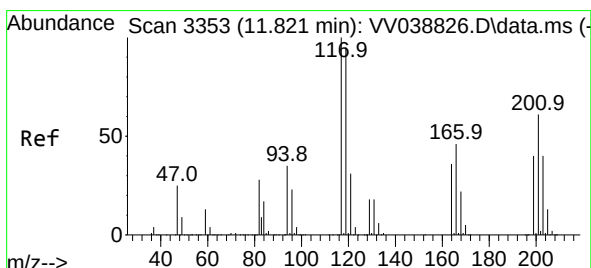
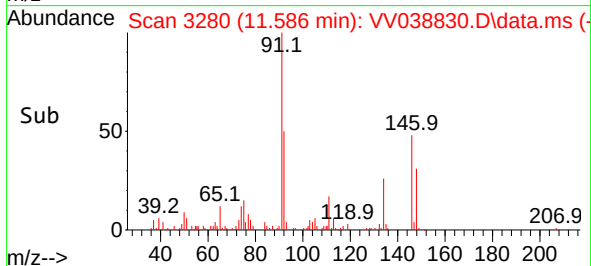
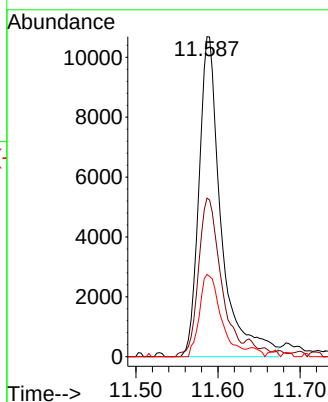
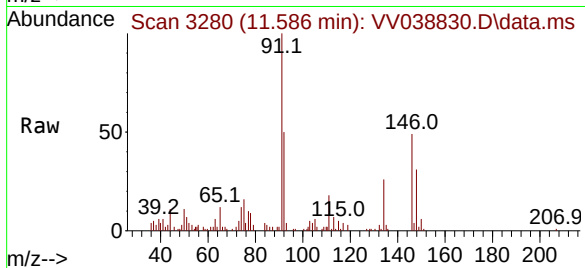
Tgt Ion: 91 Resp: 20097

Ion Ratio Lower Upper

91 100

92 49.8 26.6 79.7

134 24.9 12.3 36.8



#90

Hexachloroethane

Concen: 1.191 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. -0.000 min

Lab File: VV038830.D

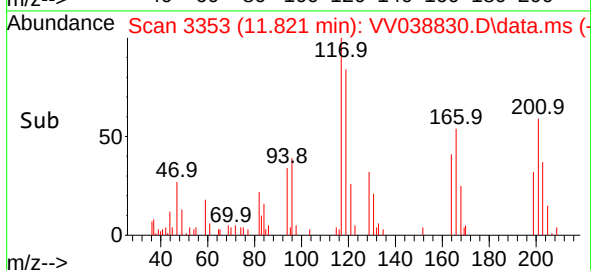
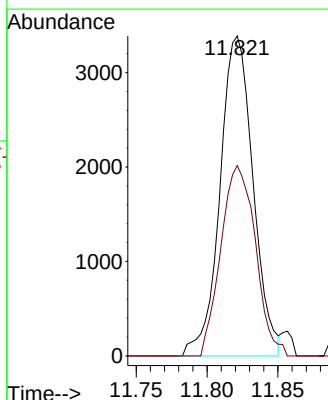
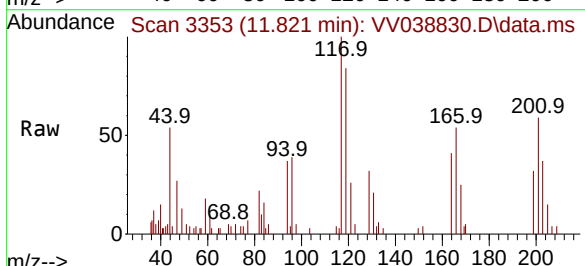
Acq: 27 Jun 2025 13:10

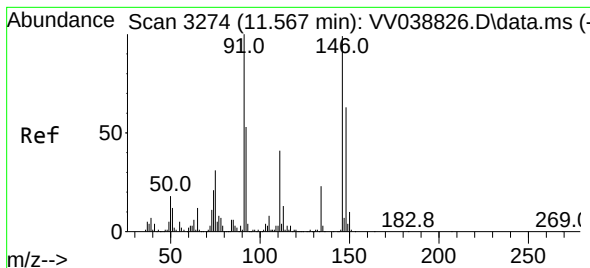
Tgt Ion: 117 Resp: 5506

Ion Ratio Lower Upper

117 100

201 62.1 31.4 94.0





#91

1,2-Dichlorobenzene

Concen: 1.228 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

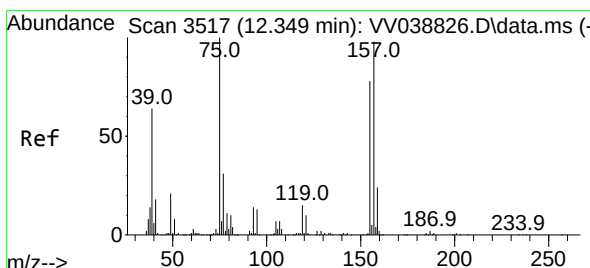
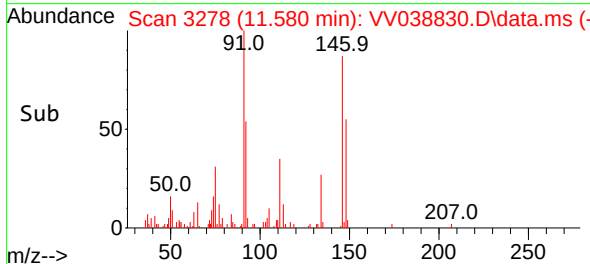
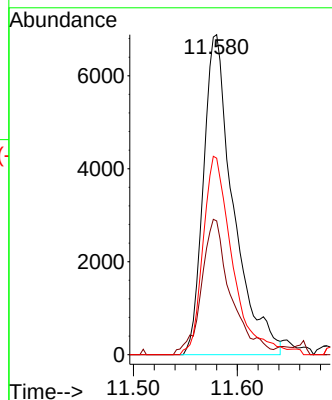
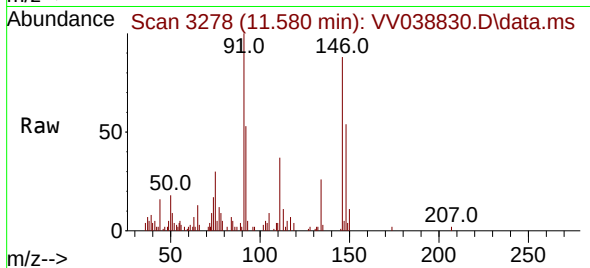
Tgt Ion:146 Resp: 13742

Ion Ratio Lower Upper

146 100

111 41.4 21.0 63.0

148 60.9 31.6 94.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.090 ug/l

RT: 12.365 min Scan# 3522

Delta R.T. 0.016 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

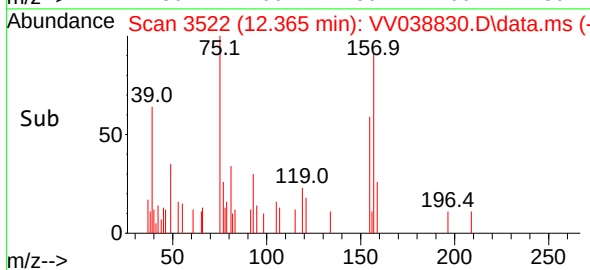
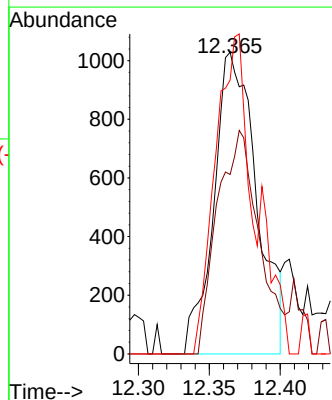
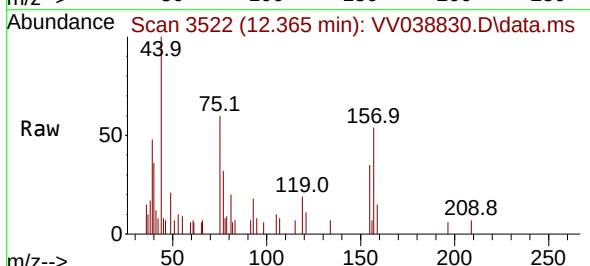
Tgt Ion: 75 Resp: 2163

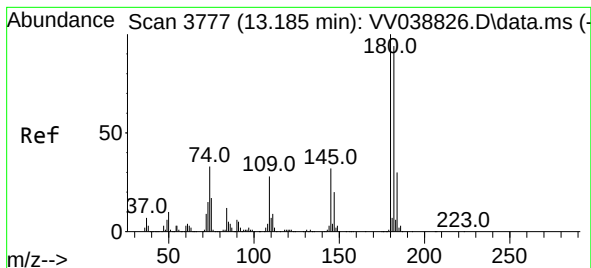
Ion Ratio Lower Upper

75 100

155 72.3 39.0 116.9

157 80.8 48.3 144.8





#93

1,2,4-Trichlorobenzene

Concen: 1.005 ug/l

RT: 13.197 min Scan# 31

Delta R.T. 0.013 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC001

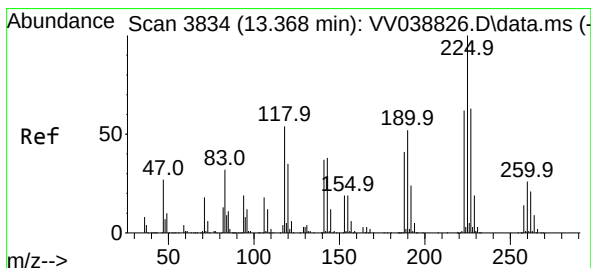
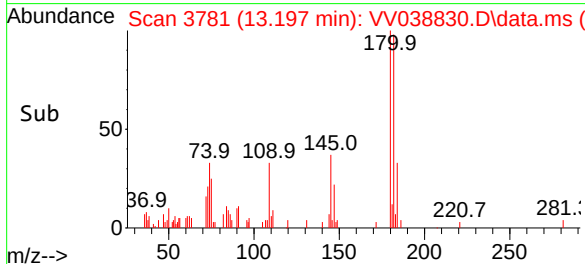
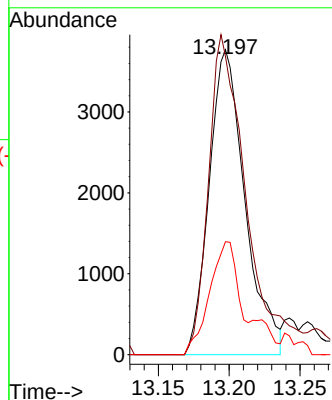
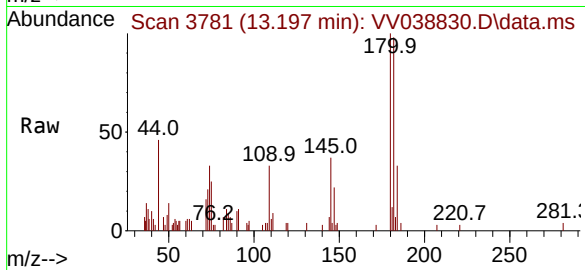
Tgt Ion:180 Resp: 6636

Ion Ratio Lower Upper

180 100

182 110.2 46.9 140.6

145 29.9 15.8 47.3



#94

Hexachlorobutadiene

Concen: 1.307 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

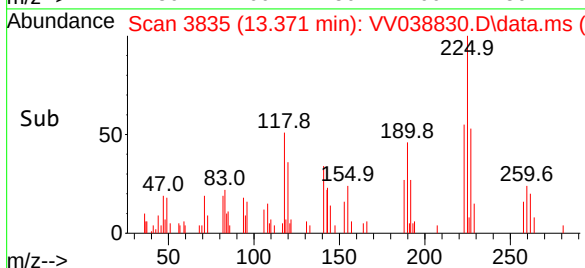
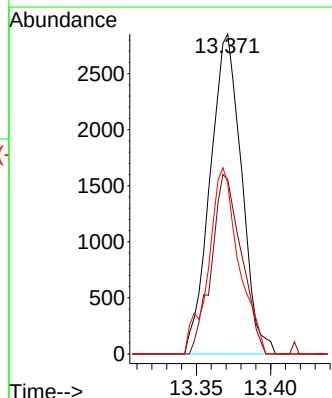
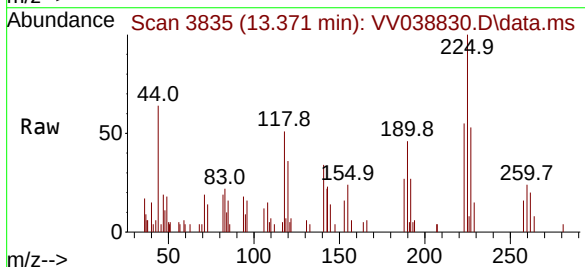
Tgt Ion:225 Resp: 4195

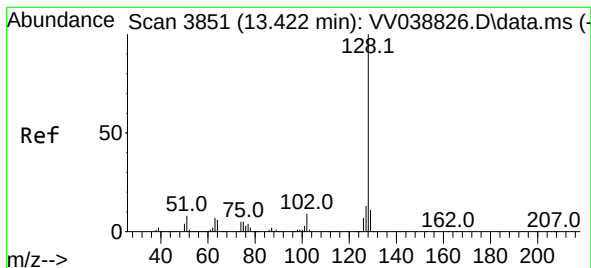
Ion Ratio Lower Upper

225 100

223 53.5 31.3 93.8

227 56.1 31.0 93.0





#95

Naphthalene

Concen: 4.202 ug/l

RT: 13.439 min Scan# 3851

Delta R.T. 0.017 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC001

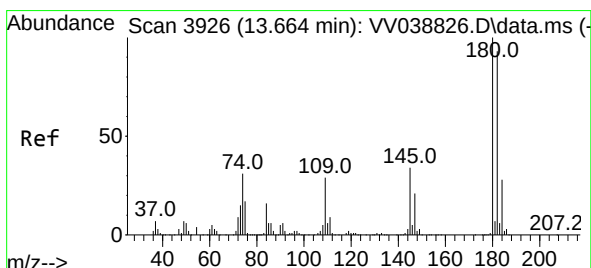
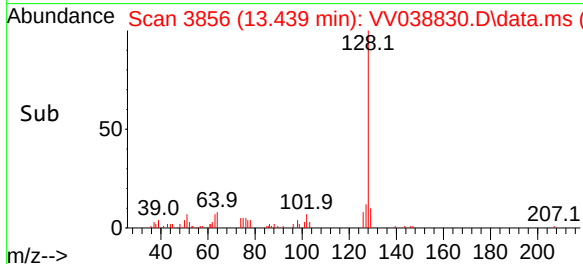
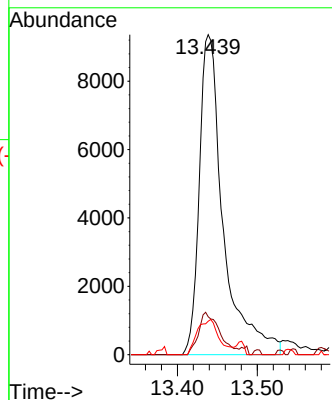
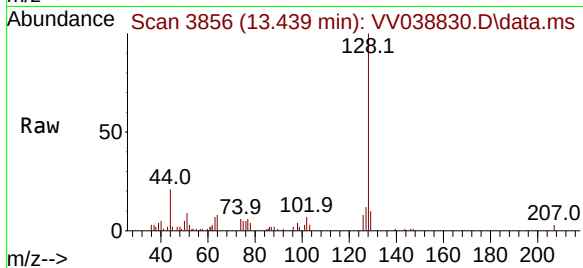
Tgt Ion:128 Resp: 19554

Ion Ratio Lower Upper

128 100

127 11.7 10.4 15.6

129 10.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.094 ug/l

RT: 13.673 min Scan# 3929

Delta R.T. 0.010 min

Lab File: VV038830.D

Acq: 27 Jun 2025 13:10

Tgt Ion:180 Resp: 7416

Ion Ratio Lower Upper

180 100

182 80.2 47.3 141.8

145 33.3 17.0 50.9

