

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062725\
 Data File : VV038826.D
 Acq On : 27 Jun 2025 10:01
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Quant Time: Jun 28 03:58:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V062725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 28 03:44:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	505597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	833955	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	779042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	438382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	309995	47.626	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.260%	
35) Dibromofluoromethane	4.500	113	267396	49.419	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.840%	
50) Toluene-d8	7.236	98	916243	49.561	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.120%	
62) 4-Bromofluorobenzene	9.998	95	355198	52.192	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.380%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.117	85	233781	48.708	ug/l	100
3) Chloromethane	1.230	50	282033	45.355	ug/l	100
4) Vinyl Chloride	1.294	62	311548	46.955	ug/l	100
5) Bromomethane	1.490	94	204169	55.038	ug/l	100
6) Chloroethane	1.558	64	201653	46.969	ug/l	100
7) Trichlorofluoromethane	1.725	101	456025	46.190	ug/l	100
8) Diethyl Ether	1.915	74	179469	47.580	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	278701	46.876	ug/l	100
10) Methyl Iodide	2.195	142	315498	48.650	ug/l	100
11) Tert butyl alcohol	2.564	59	267975	241.442	ug/l	100
12) 1,1-Dichloroethene	2.082	96	264219	51.957	ug/l	100
13) Acrolein	2.008	56	107509	256.517	ug/l	100
14) Allyl chloride	2.359	41	459643	47.665	ug/l	100
15) Acrylonitrile	2.670	53	968701	256.315	ug/l	100
16) Acetone	2.114	43	737081	251.806	ug/l	100
17) Carbon Disulfide	2.252	76	668575	51.650	ug/l	100
18) Methyl Acetate	2.378	43	478440	51.012	ug/l	100
19) Methyl tert-butyl Ether	2.706	73	922442	51.186	ug/l	100
20) Methylene Chloride	2.455	84	309685	45.454	ug/l	100
21) trans-1,2-Dichloroethene	2.703	96	275539	46.492	ug/l	100
22) Diisopropyl ether	3.211	45	1034813	53.027	ug/l	100
23) Vinyl Acetate	3.185	43	4207759	271.430	ug/l	100
24) 1,1-Dichloroethane	3.117	63	559310	47.790	ug/l	100
25) 2-Butanone	3.857	43	1219837	278.618	ug/l	100
26) 2,2-Dichloropropane	3.809	77	465358	47.209	ug/l	100
27) cis-1,2-Dichloroethene	3.818	96	330860	48.165	ug/l	100
28) Bromochloromethane	4.143	49	250873	45.930	ug/l	100
29) Tetrahydrofuran	4.227	42	821177	257.663	ug/l	100
30) Chloroform	4.278	83	569223	47.332	ug/l	100
31) Cyclohexane	4.587	56	439023	48.247	ug/l	100
32) 1,1,1-Trichloroethane	4.513	97	484920	46.902	ug/l	100
36) 1,1-Dichloropropene	4.744	75	369218	46.576	ug/l	100
37) Ethyl Acetate	3.966	43	483468	45.436	ug/l	100
38) Carbon Tetrachloride	4.735	117	413281	48.983	ug/l	100
39) Methylcyclohexane	6.047	83	453474	50.982	ug/l	100
40) Benzene	5.008	78	1173798	50.048	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	222144	49.200	ug/l	100
42) 1,2-Dichloroethane	5.037	62	408751	48.319	ug/l	100
43) Isopropyl Acetate	5.188	43	728043	56.287	ug/l	100
44) Trichloroethene	5.831	130	283958	50.448	ug/l	100
45) 1,2-Dichloropropane	6.088	63	317757	51.534	ug/l	100
46) Dibromomethane	6.223	93	222352	49.159	ug/l	100
47) Bromodichloromethane	6.426	83	454953	49.806	ug/l	100
48) Methyl methacrylate	6.294	41	340029	55.467	ug/l	100
49) 1,4-Dioxane	6.284	88	85364	865.047	ug/l	100
51) 4-Methyl-2-Pentanone	7.143	43	2641715	277.405	ug/l	100
52) Toluene	7.307	92	733037	51.271	ug/l	100
53) t-1,3-Dichloropropene	7.574	75	457080	52.488	ug/l	100
54) cis-1,3-Dichloropropene	6.947	75	501439	52.058	ug/l	100
55) 1,1,2-Trichloroethane	7.760	97	308286	49.972	ug/l	100
56) Ethyl methacrylate	7.712	69	470715	56.008	ug/l	100
57) 1,3-Dichloropropane	7.934	76	525207	51.736	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	1273481	233.577	ug/l	100
59) 2-Hexanone	8.063	43	1942473	289.577	ug/l	100
60) Dibromochloromethane	8.165	129	357089	49.925	ug/l	100
61) 1,2-Dibromoethane	8.272	107	322247	50.607	ug/l	100
64) Tetrachloroethene	7.895	164	263390	48.444	ug/l	100
65) Chlorobenzene	8.805	112	838734	49.234	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	290629	48.245	ug/l	100
67) Ethyl Benzene	8.937	91	1401569	52.275	ug/l	100
68) m/p-Xylenes	9.063	106	1104933	109.420	ug/l	100
69) o-Xylene	9.468	106	509329	53.920	ug/l	100
70) Styrene	9.484	104	918096	57.555	ug/l	100
71) Bromoform	9.654	173	245414	50.563	ug/l	100
73) Isopropylbenzene	9.853	105	1412412	52.844	ug/l	100
74) N-amyl acetate	9.725	43	626804	53.786	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	523274	47.020	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	419227	49.749	ug/l	100
77) Bromobenzene	10.140	156	337805	50.129	ug/l	100
78) n-propylbenzene	10.278	91	1740302	53.840	ug/l	100
79) 2-Chlorotoluene	10.345	91	994507	51.712	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1204473	54.231	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	187215	51.449	ug/l	100
82) 4-Chlorotoluene	10.461	91	1165492	52.564	ug/l	100
83) tert-Butylbenzene	10.789	119	1159746	52.366	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1192059	55.351	ug/l	100
85) sec-Butylbenzene	11.011	105	1575050	53.920	ug/l	100
86) p-Isopropyltoluene	11.165	119	1327964	53.208	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	673396	49.095	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	683728	46.021	ug/l	100
89) n-Butylbenzene	11.577	91	1286690	53.229	ug/l	100
90) Hexachloroethane	11.821	117	261762	47.640	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	636273	47.850	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	116158	49.233	ug/l	100
93) 1,2,4-Trichlorobenzene	13.185	180	405704	51.715	ug/l	100
94) Hexachlorobutadiene	13.368	225	179744	47.113	ug/l	100
95) Naphthalene	13.422	128	1453766	47.020	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	417674	51.827	ug/l	100

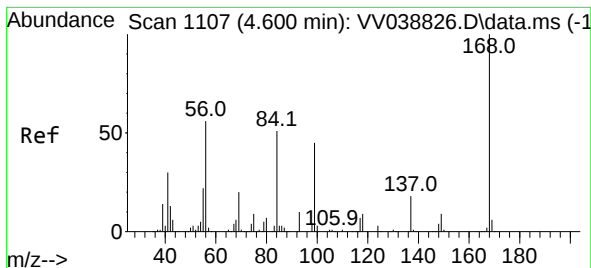
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062725\
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Quant Title : SW846 8260
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

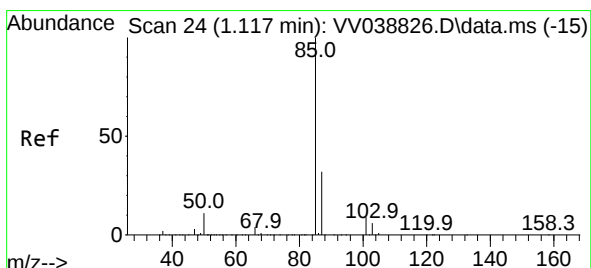
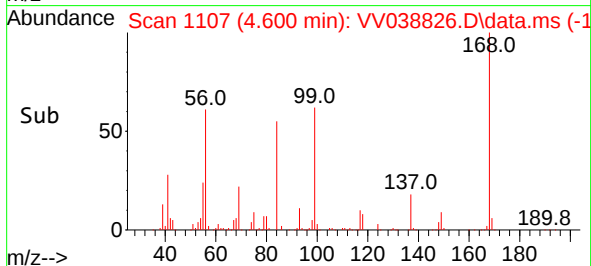
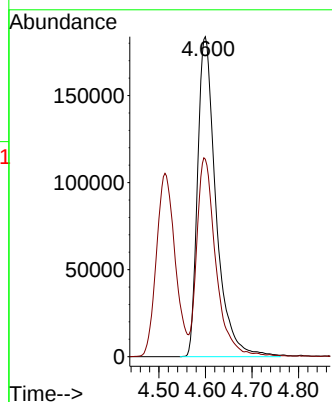
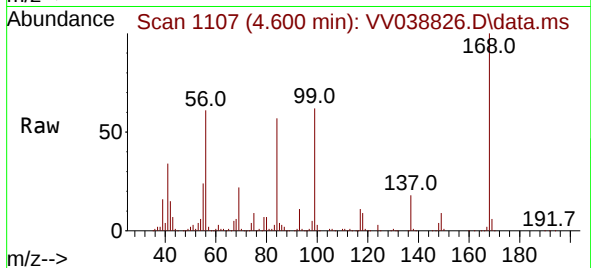
VSTDICCC050

Tgt Ion:168 Resp: 505597

Ion Ratio Lower Upper

168 100

99 61.3 49.0 73.6



#2

Dichlorodifluoromethane

Concen: 48.708 ug/l

RT: 1.117 min Scan# 24

Delta R.T. 0.000 min

Lab File: VV038826.D

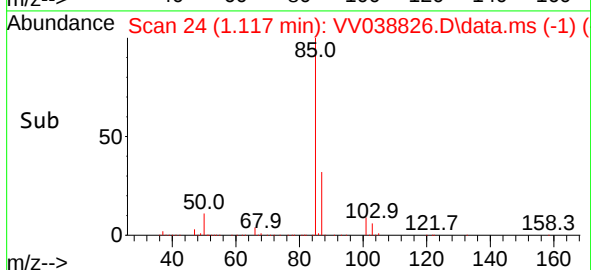
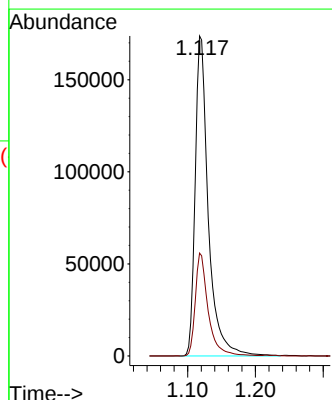
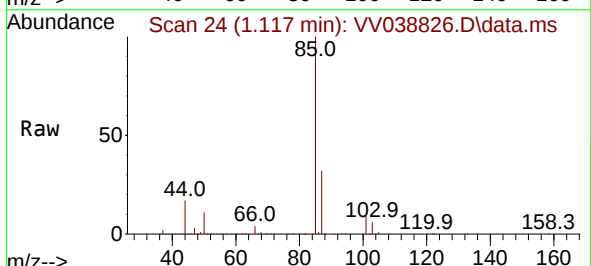
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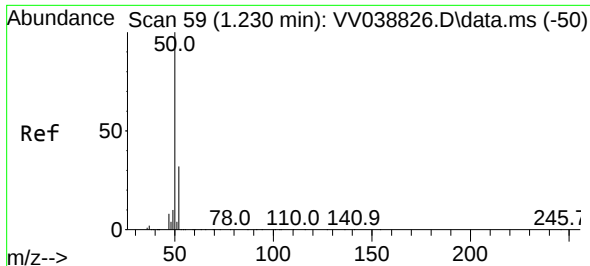
Tgt Ion: 85 Resp: 233781

Ion Ratio Lower Upper

85 100

87 32.2 16.1 48.3

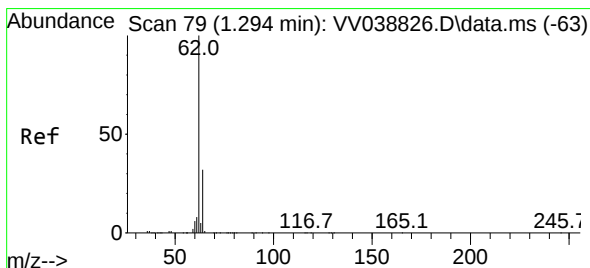
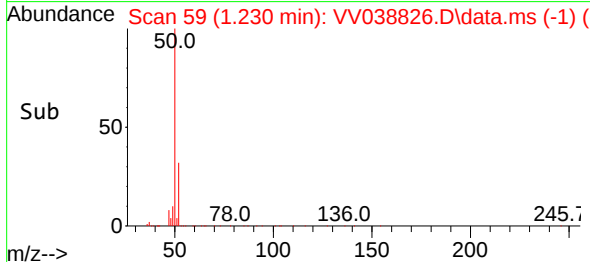
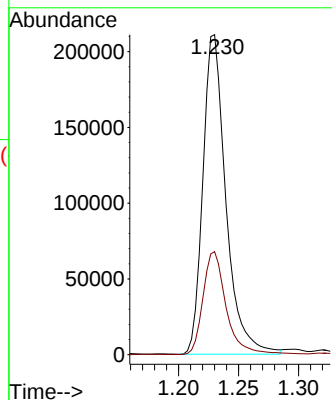
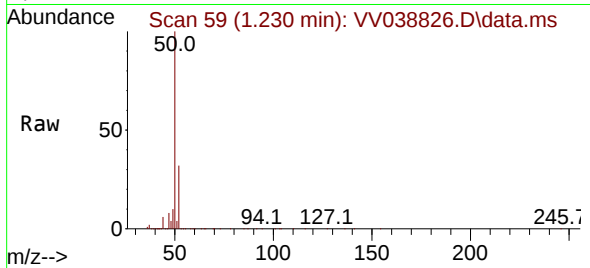




#3
Chloromethane
Concen: 45.355 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038826.D
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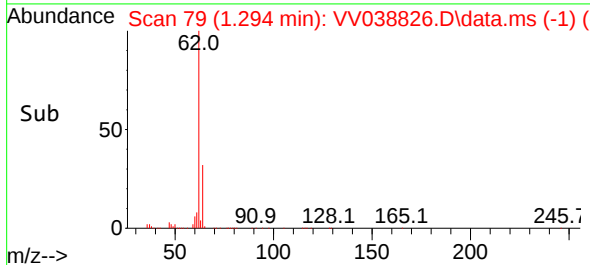
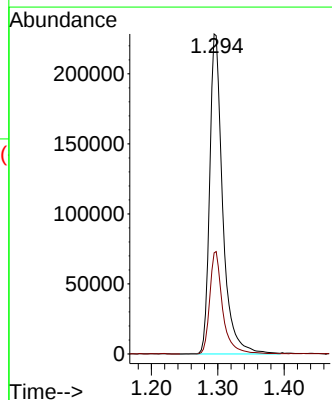
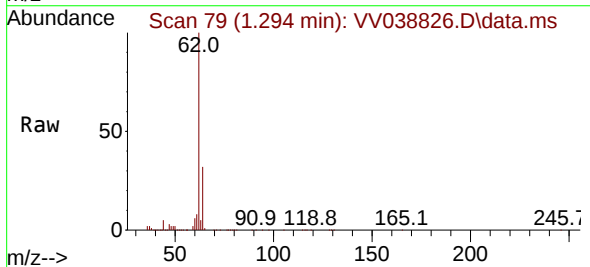
Instrument :
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ClientSampleId :
VSTDICCC050

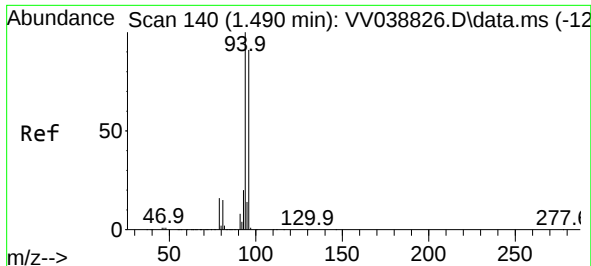
Tgt Ion: 50 Resp: 282033
Ion Ratio Lower Upper
50 100
52 32.2 25.8 38.6



#4
Vinyl Chloride
Concen: 46.955 ug/l
RT: 1.294 min Scan# 79
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 62 Resp: 311548
Ion Ratio Lower Upper
62 100
64 31.6 25.3 37.9

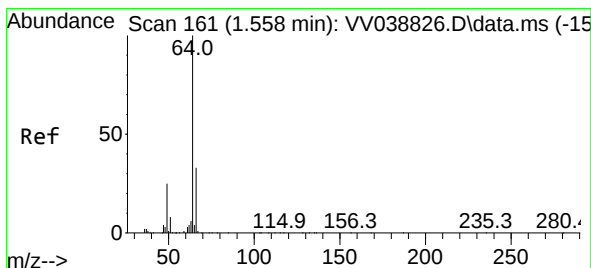
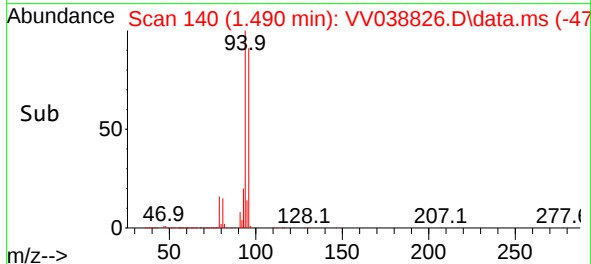
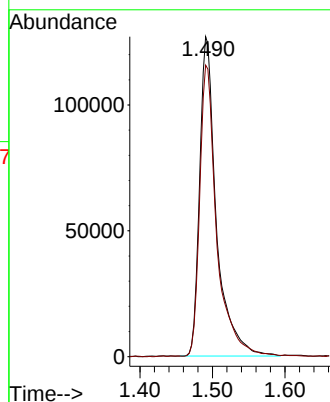
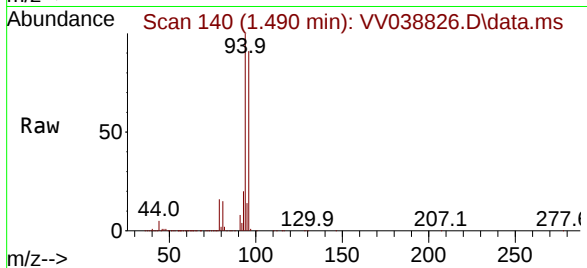




#5
Bromomethane
Concen: 55.038 ug/l
RT: 1.490 min Scan# 140
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

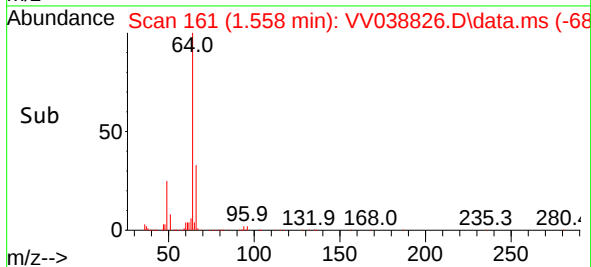
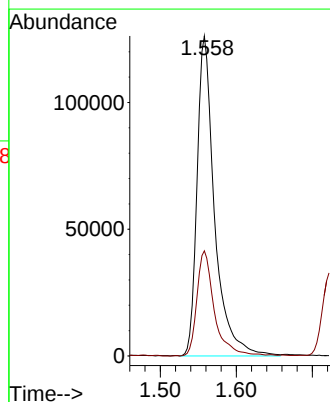
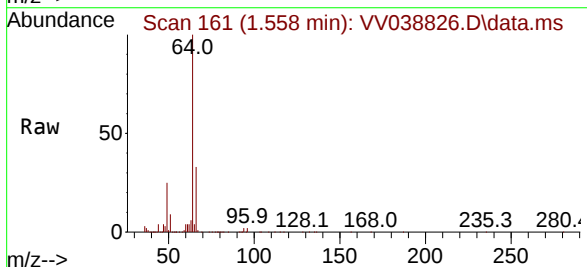
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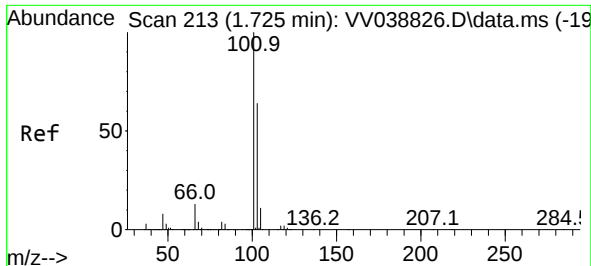
Tgt Ion: 94 Resp: 204169
Ion Ratio Lower Upper
94 100
96 91.1 72.9 109.3



#6
Chloroethane
Concen: 46.969 ug/l
RT: 1.558 min Scan# 161
Delta R.T. -0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 64 Resp: 201653
Ion Ratio Lower Upper
64 100
66 32.9 26.3 39.5

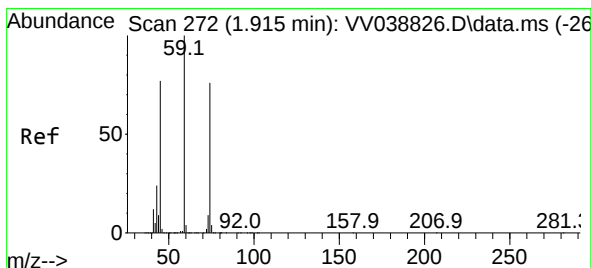
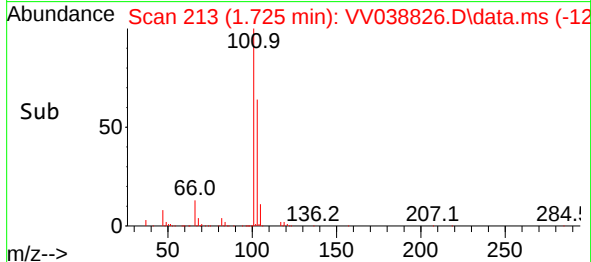
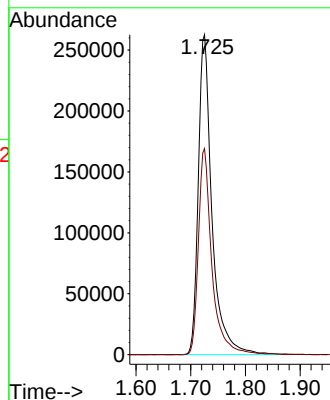
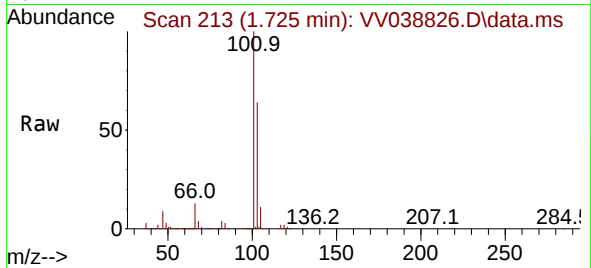




#7
Trichlorofluoromethane
Concen: 46.190 ug/l
RT: 1.725 min Scan# 213
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

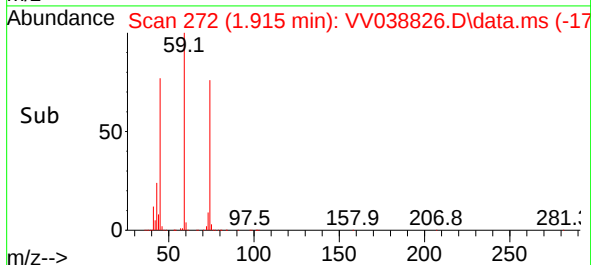
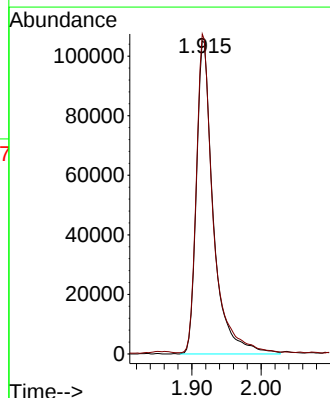
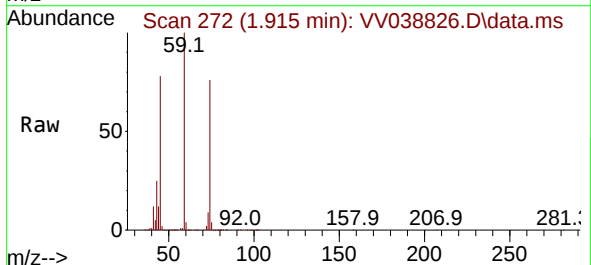
Instrument :
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VSTDICCC050

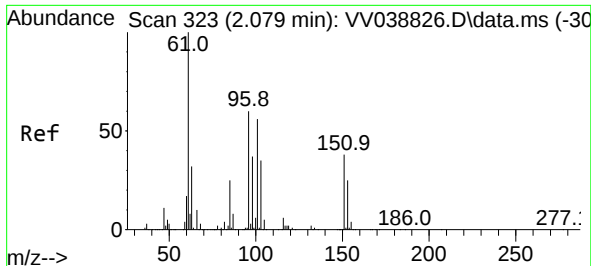
Tgt Ion:101 Resp: 456025
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3



#8
Diethyl Ether
Concen: 47.580 ug/l
RT: 1.915 min Scan# 272
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 74 Resp: 179469
Ion Ratio Lower Upper
74 100
45 100.4 50.2 150.6

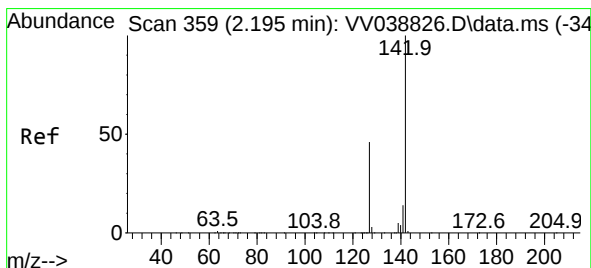
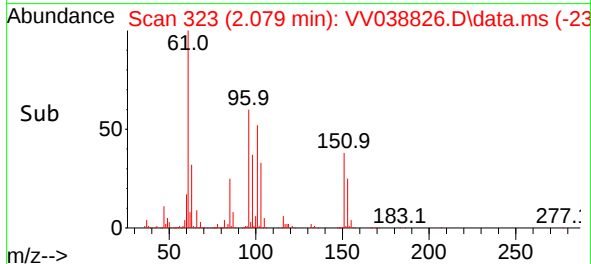
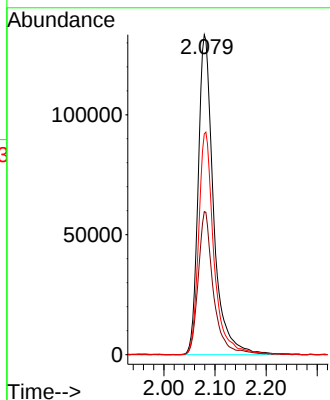
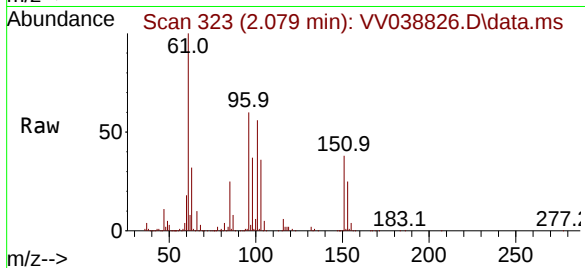




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.876 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038826.D
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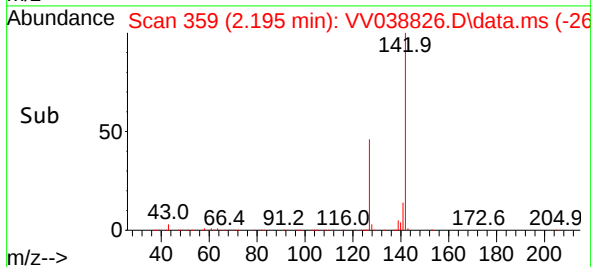
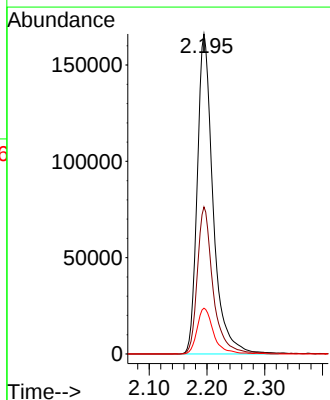
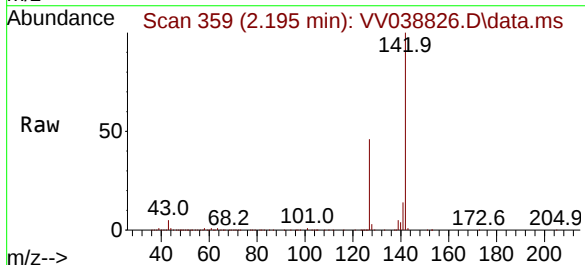
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

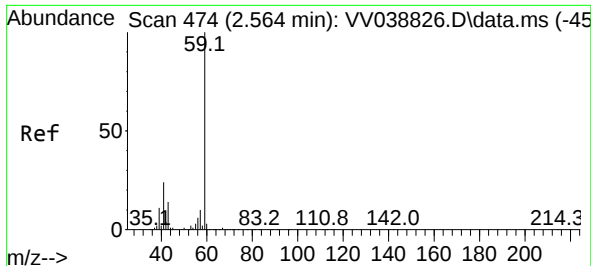
Tgt Ion:101 Resp: 278701
Ion Ratio Lower Upper
101 100
85 44.4 35.5 53.3
151 69.3 55.4 83.2



#10
Methyl Iodide
Concen: 48.650 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion:142 Resp: 315498
Ion Ratio Lower Upper
142 100
127 45.5 36.4 54.6
141 14.9 11.9 17.9

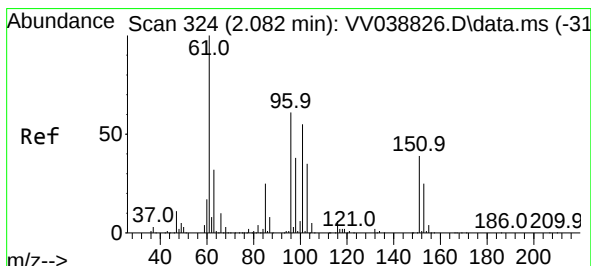
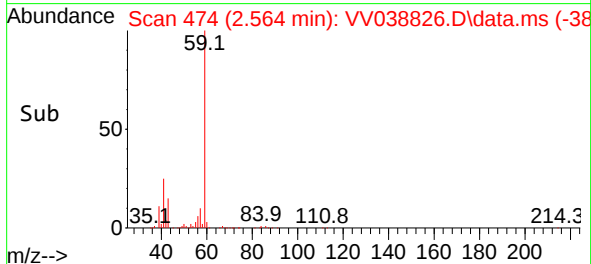
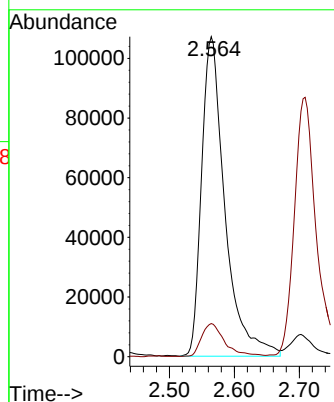
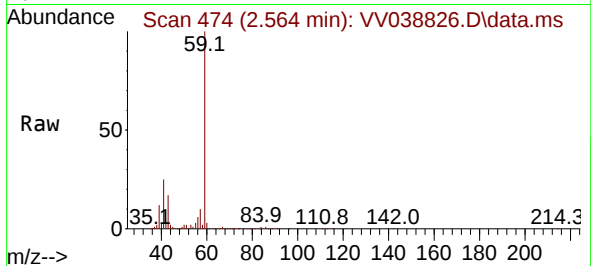




#11
Tert butyl alcohol
Concen: 241.442 ug/l
RT: 2.564 min Scan# 474
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

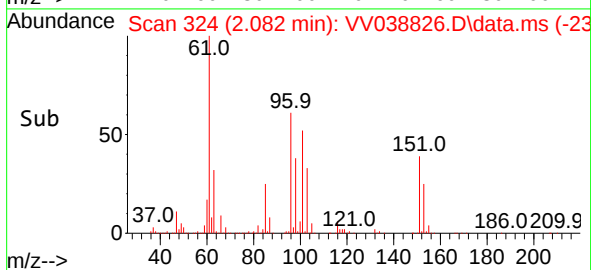
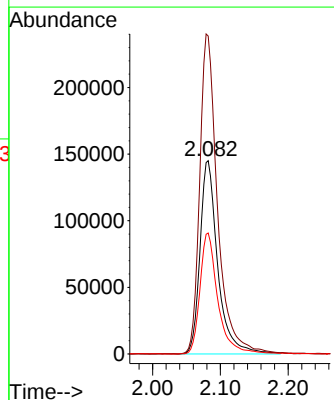
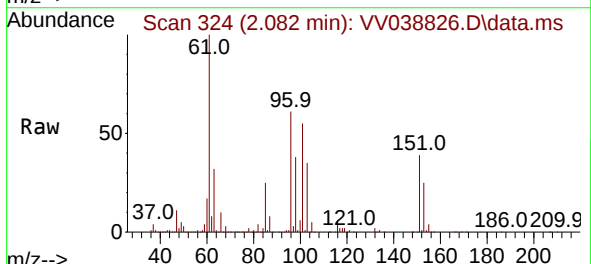
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

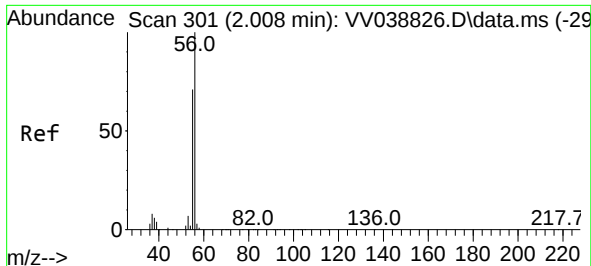
Tgt Ion: 59 Resp: 267975
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 51.957 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 96 Resp: 264219
Ion Ratio Lower Upper
96 100
61 164.4 131.5 197.3
98 62.5 50.0 75.0

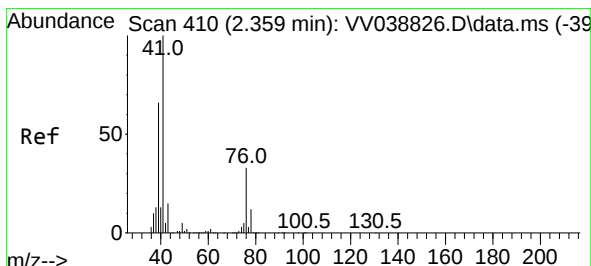
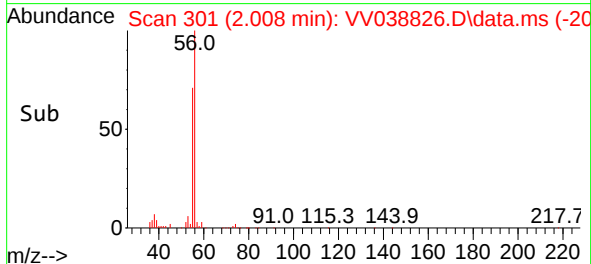
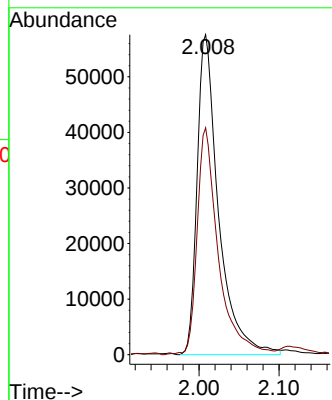
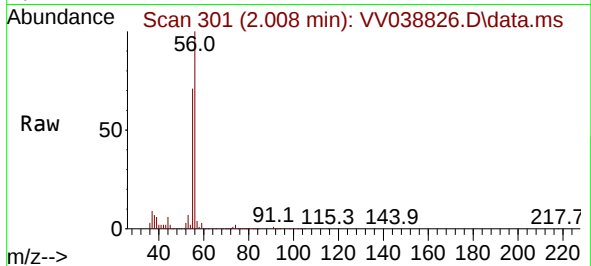




#13
Acrolein
Concen: 256.517 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

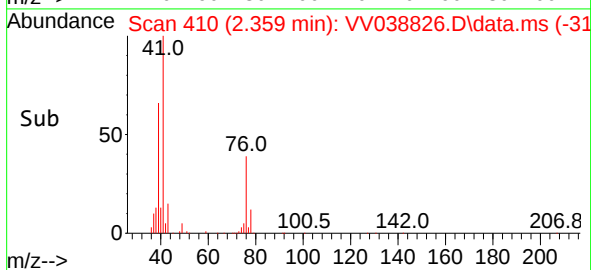
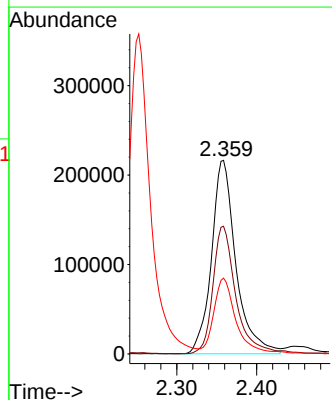
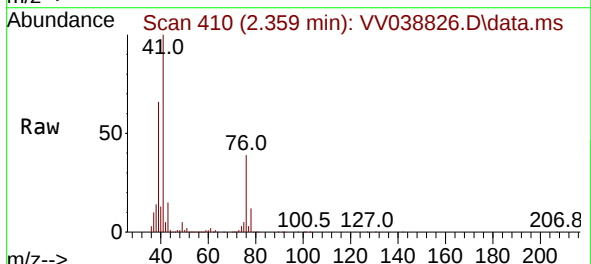
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

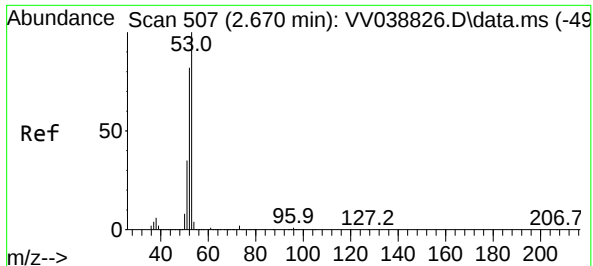
Tgt Ion: 56 Resp: 107509
Ion Ratio Lower Upper
56 100
55 70.0 56.0 84.0



#14
Allyl chloride
Concen: 47.665 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 41 Resp: 459643
Ion Ratio Lower Upper
41 100
39 61.7 49.4 74.0
76 36.0 28.8 43.2

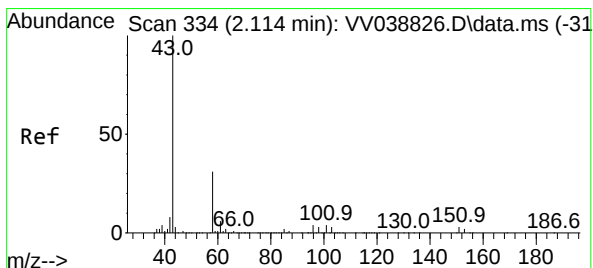
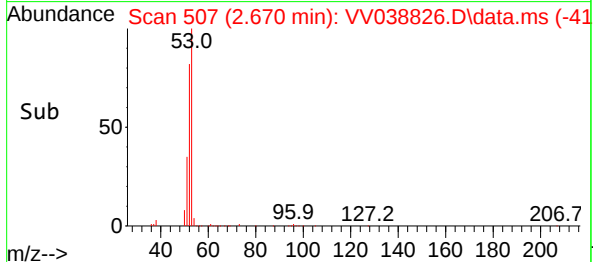
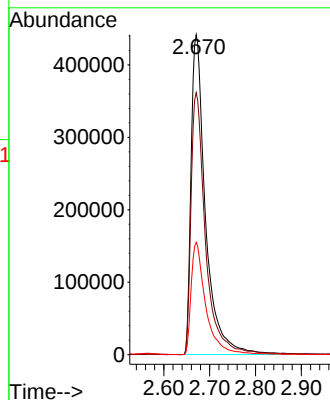
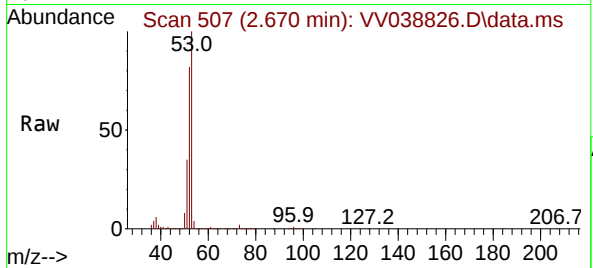




#15
Acrylonitrile
Concen: 256.315 ug/l
RT: 2.670 min Scan# 507
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

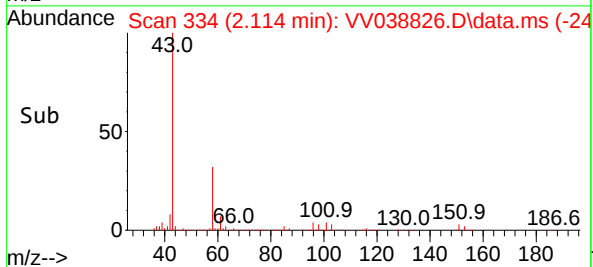
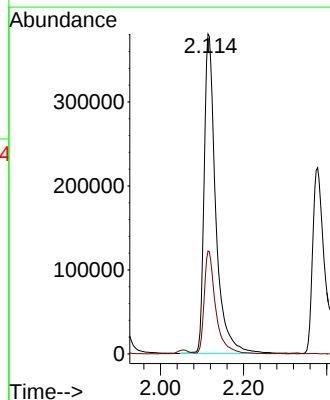
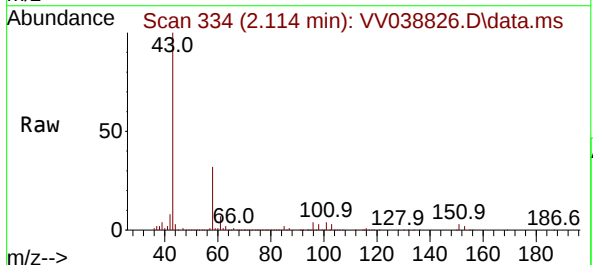
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

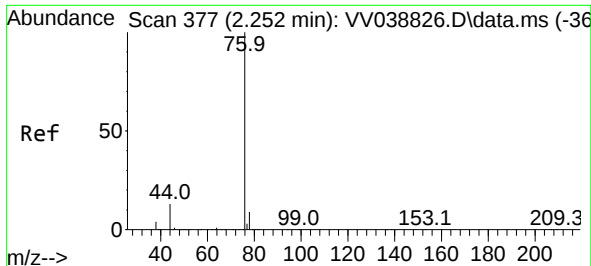
Tgt Ion: 53 Resp: 968701
Ion Ratio Lower Upper
53 100
52 81.9 65.5 98.3
51 35.4 28.3 42.5



#16
Acetone
Concen: 251.806 ug/l
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 43 Resp: 737081
Ion Ratio Lower Upper
43 100
58 32.1 25.7 38.5

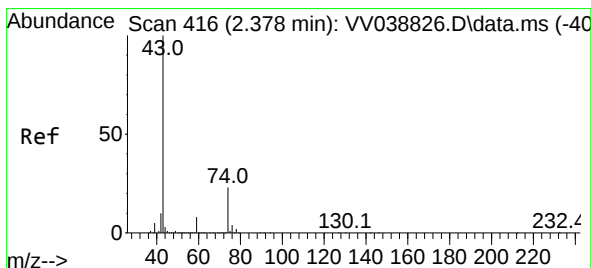
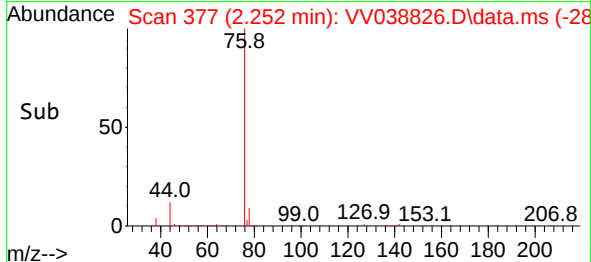
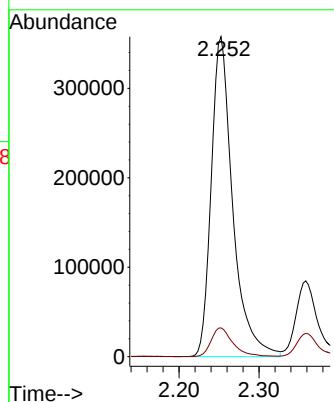
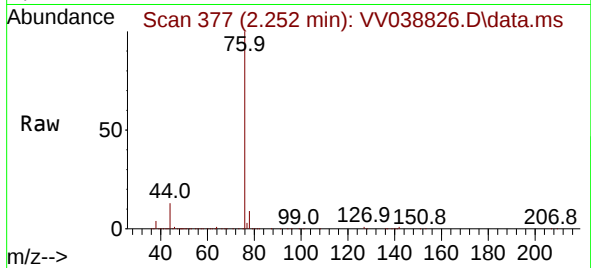




#17
Carbon Disulfide
Concen: 51.650 ug/l
RT: 2.252 min Scan# 317
Delta R.T. 0.001 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

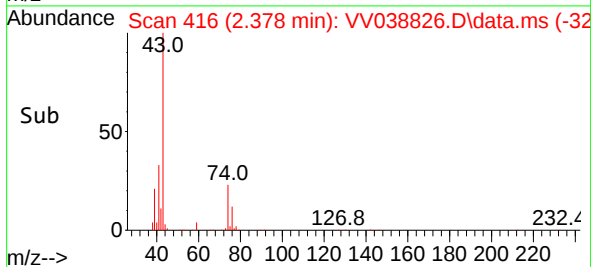
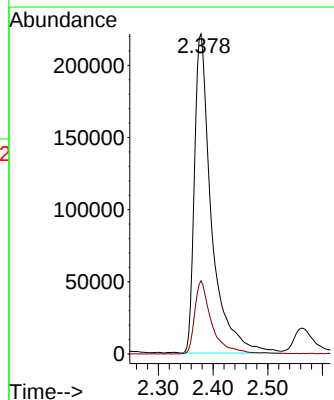
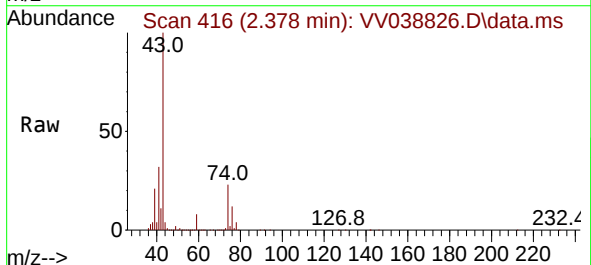
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

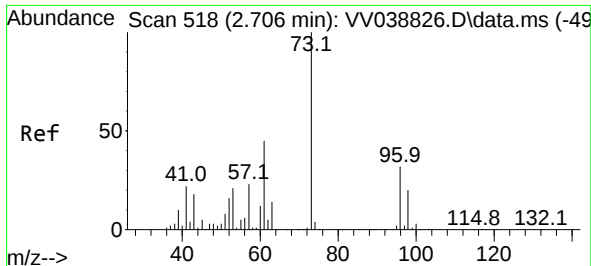
Tgt Ion: 76 Resp: 668575
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 51.012 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 43 Resp: 478440
Ion Ratio Lower Upper
43 100
74 22.7 18.2 27.2

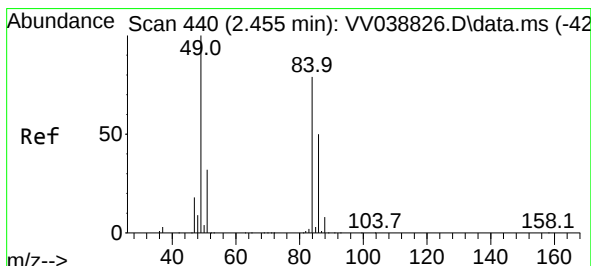
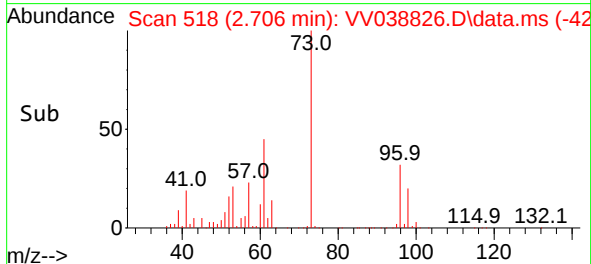
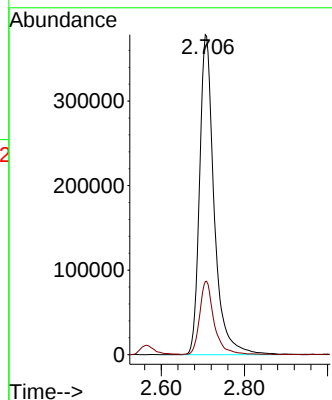
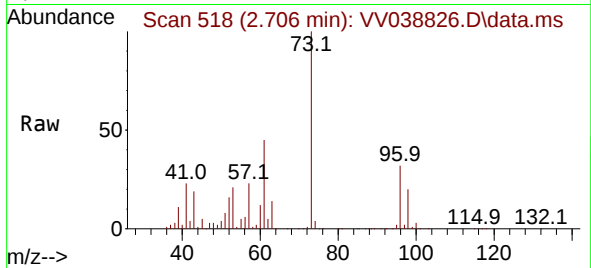




#19
Methyl tert-butyl Ether
Concen: 51.186 ug/l
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

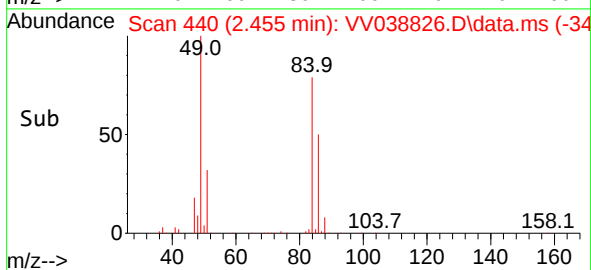
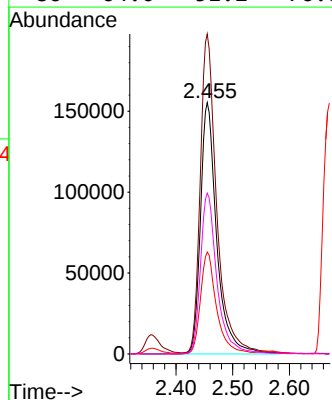
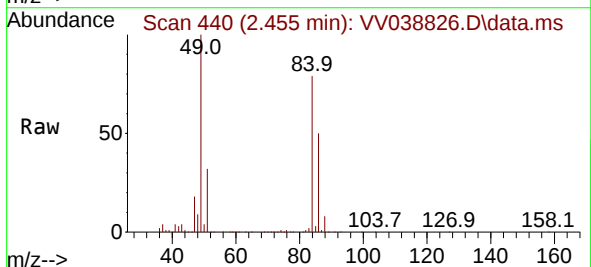
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

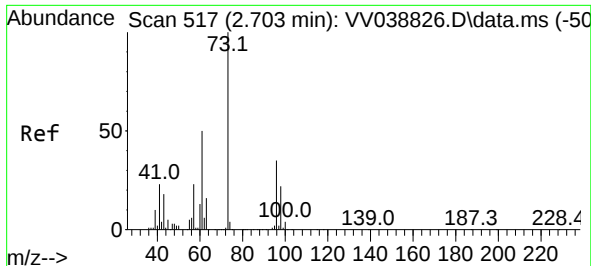
Tgt Ion: 73 Resp: 922442
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4



#20
Methylene Chloride
Concen: 45.454 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 84 Resp: 309685
Ion Ratio Lower Upper
84 100
49 126.8 101.4 152.2
51 40.4 32.3 48.5
86 64.0 51.2 76.8

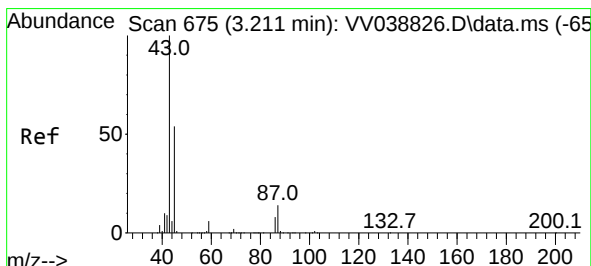
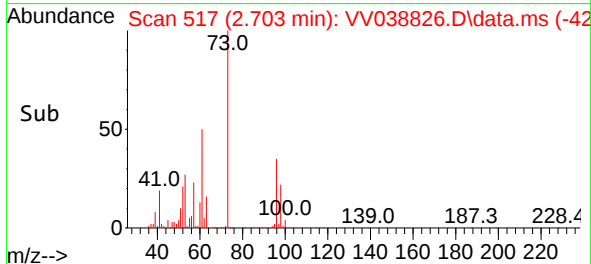
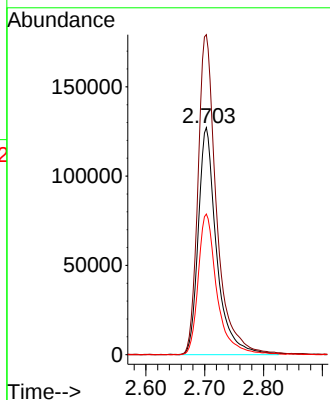
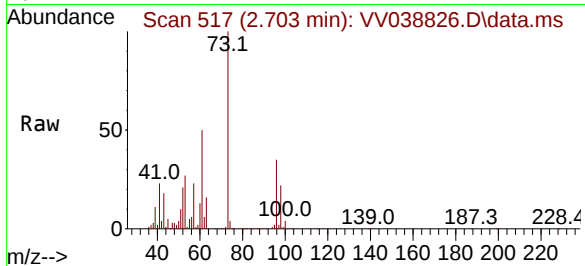




#21
trans-1,2-Dichloroethene
Concen: 46.492 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

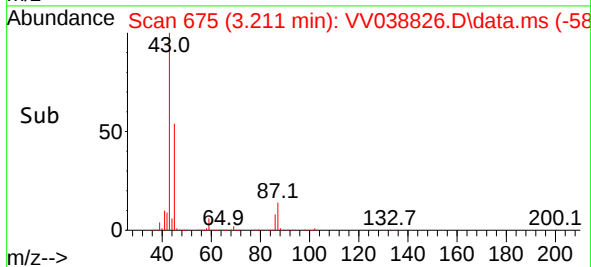
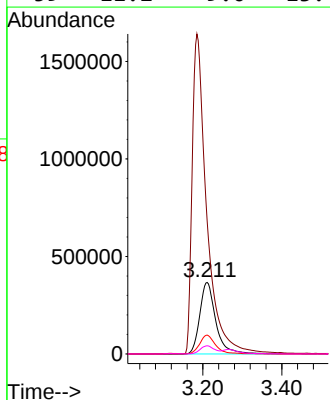
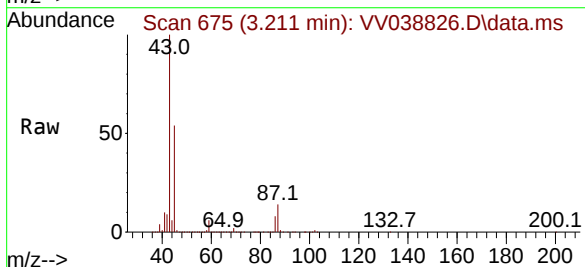
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

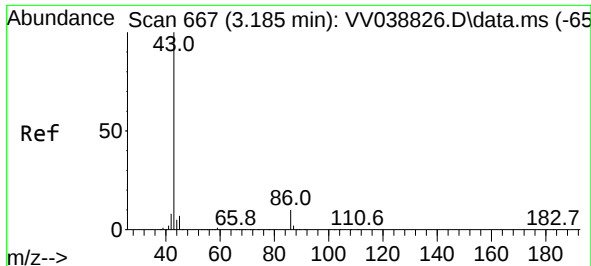
Tgt Ion: 96 Resp: 275539
Ion Ratio Lower Upper
96 100
61 140.8 112.6 169.0
98 62.0 49.6 74.4



#22
Diisopropyl ether
Concen: 53.027 ug/l
RT: 3.211 min Scan# 675
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 45 Resp: 1034813
Ion Ratio Lower Upper
45 100
43 185.9 148.7 223.1
87 26.2 21.0 31.4
59 11.2 9.0 13.4

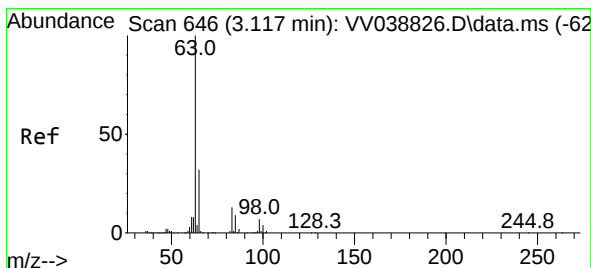
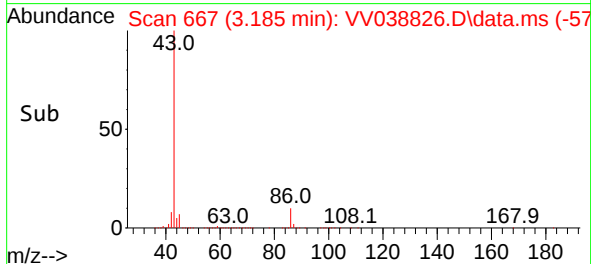
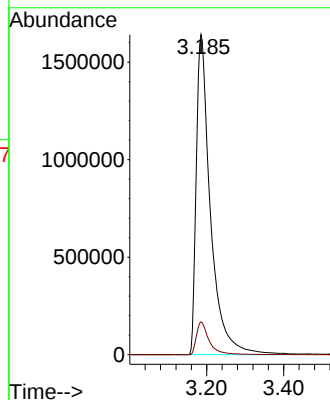
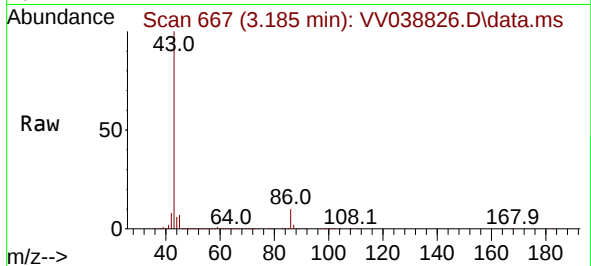




#23
 Vinyl Acetate
 Concen: 271.430 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. 0.000 min
 Lab File: VV038826.D
 Acq: 27 Jun 2025 10:01

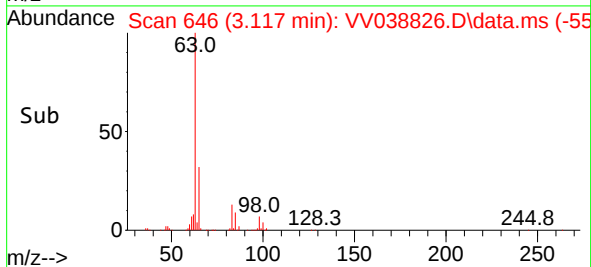
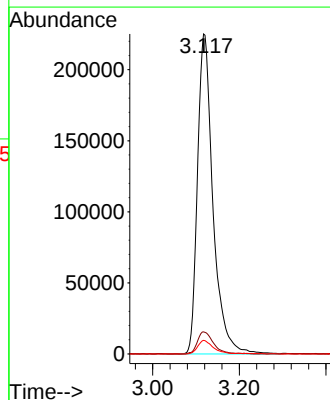
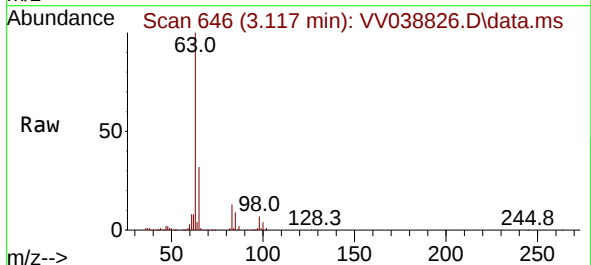
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

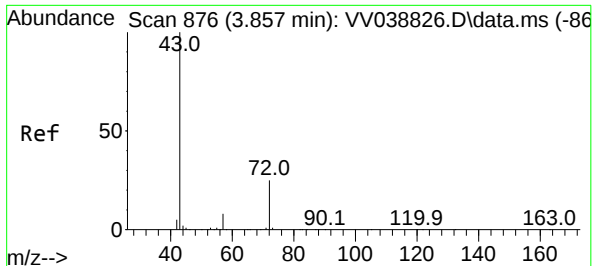
Tgt Ion: 43 Resp: 4207759
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 47.790 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038826.D
 Acq: 27 Jun 2025 10:01

Tgt Ion: 63 Resp: 559310
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.5 10.4
 100 4.3 2.1 6.5

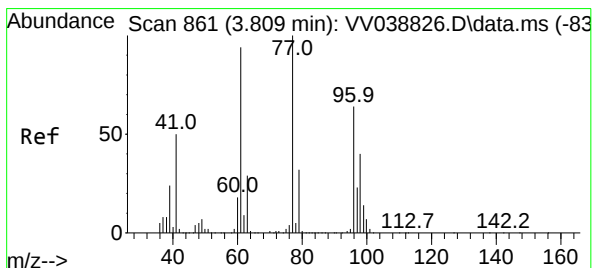
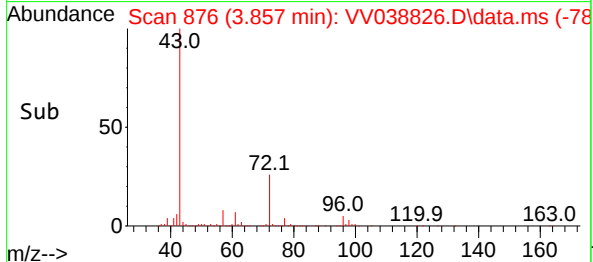
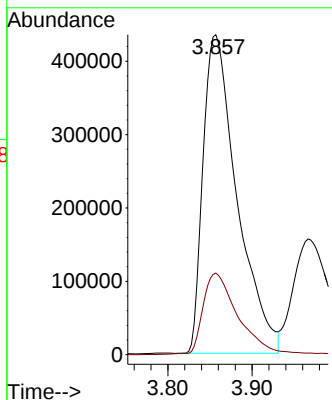
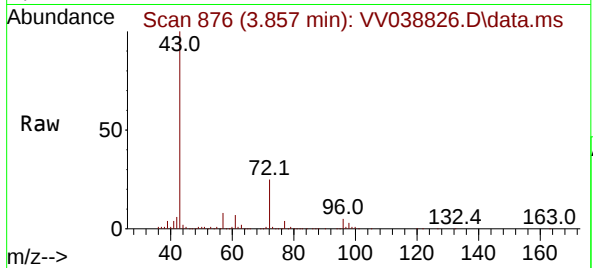




#25
2-Butanone
Concen: 278.618 ug/l
RT: 3.857 min Scan# 876
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

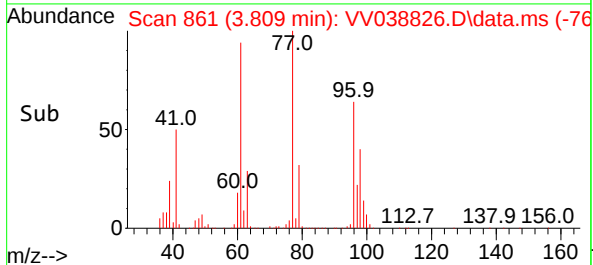
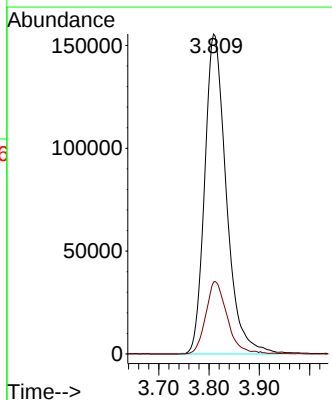
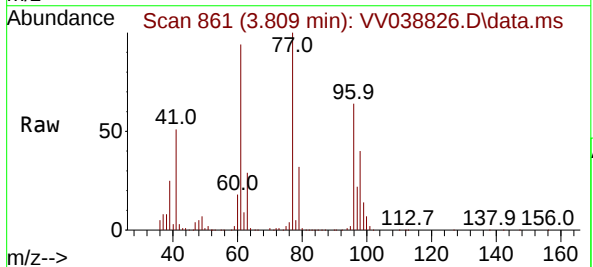
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

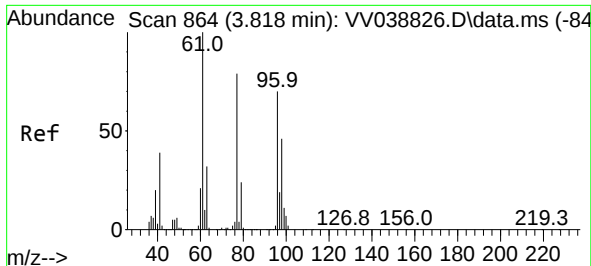
Tgt Ion: 43 Resp: 1219837
Ion Ratio Lower Upper
43 100
72 25.3 20.2 30.4



#26
2,2-Dichloropropane
Concen: 47.209 ug/l
RT: 3.809 min Scan# 861
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 77 Resp: 465358
Ion Ratio Lower Upper
77 100
97 22.1 11.1 33.1



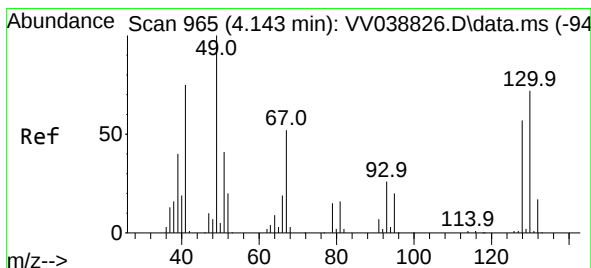
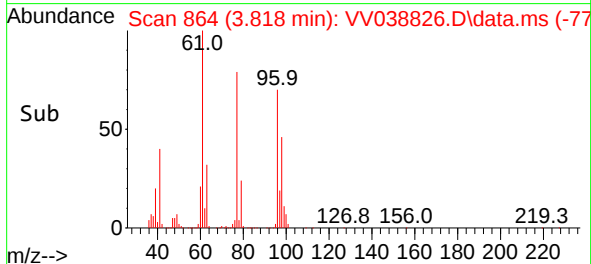
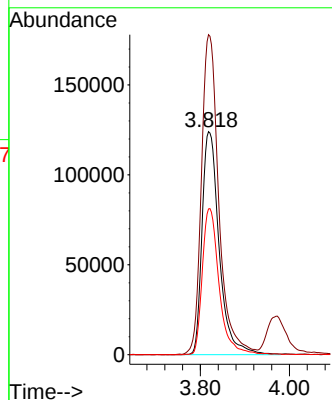
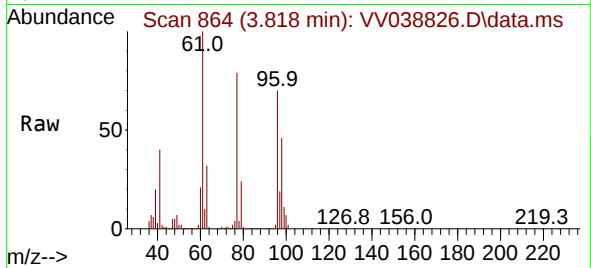


#27
 cis-1,2-Dichloroethene
 Concen: 48.165 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV038826.D
 Acq: 27 Jun 2025 10:01

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 330860

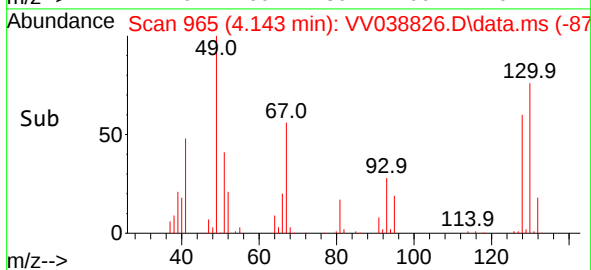
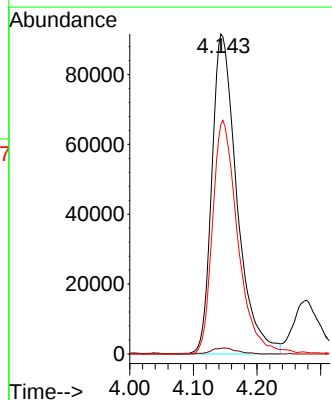
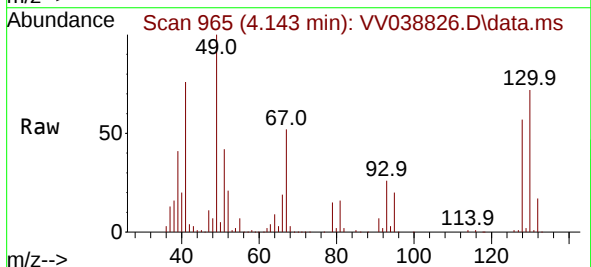
Ion	Ratio	Lower	Upper
96	100		
61	146.2	0.0	292.4
98	64.3	0.0	128.6

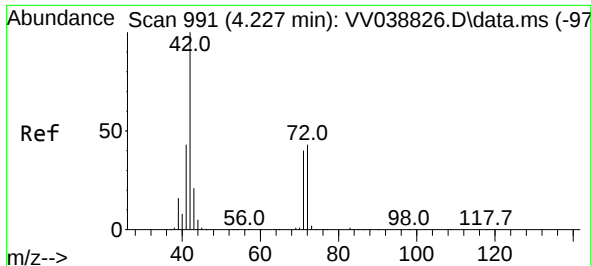


#28
 Bromochloromethane
 Concen: 45.930 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. 0.000 min
 Lab File: VV038826.D
 Acq: 27 Jun 2025 10:01

Tgt Ion: 49 Resp: 250873

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	3.8
130	73.5	58.8	88.2





#29

Tetrahydrofuran

Concen: 257.663 ug/l

RT: 4.227 min Scan# 991

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

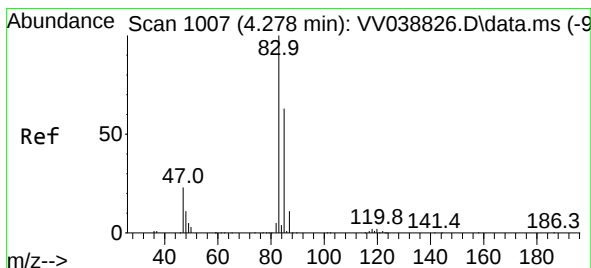
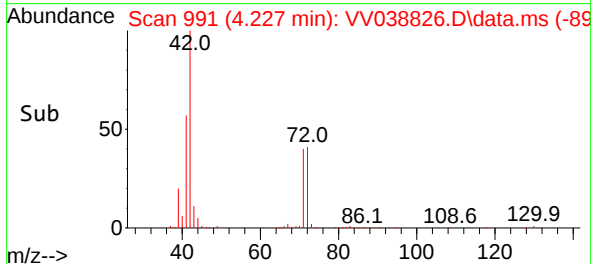
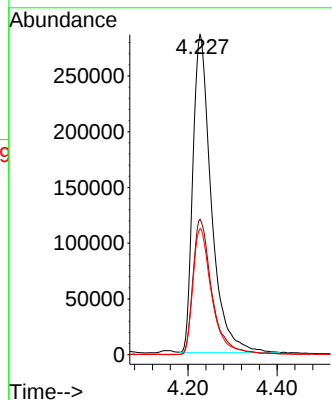
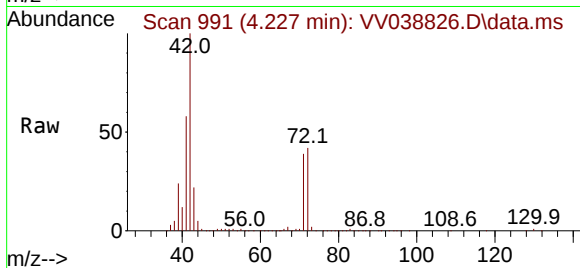
Tgt Ion: 42 Resp: 821177

Ion Ratio Lower Upper

42 100

72 43.5 34.8 52.2

71 40.8 32.6 49.0



#30

Chloroform

Concen: 47.332 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.000 min

Lab File: VV038826.D

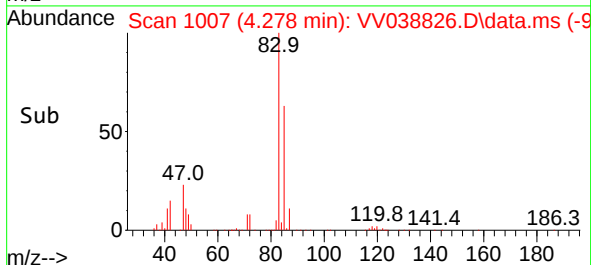
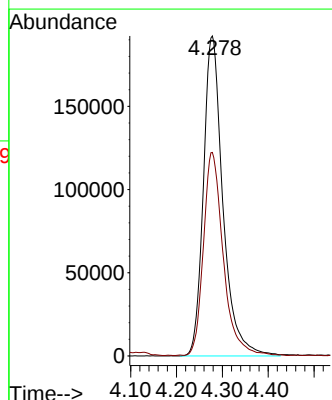
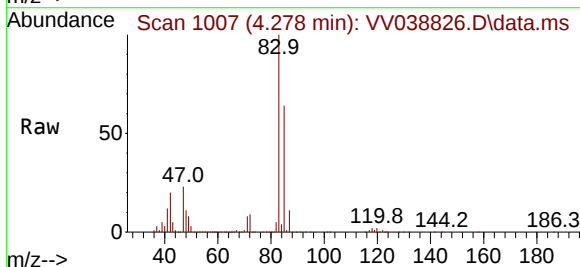
Acq: 27 Jun 2025 10:01

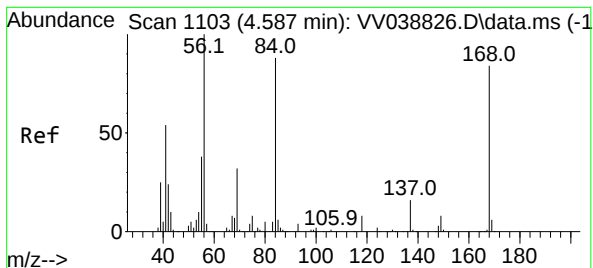
Tgt Ion: 83 Resp: 569223

Ion Ratio Lower Upper

83 100

85 63.3 50.6 76.0





#31

Cyclohexane

Concen: 48.247 ug/l

RT: 4.587 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

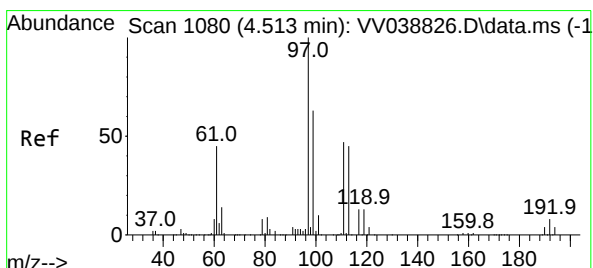
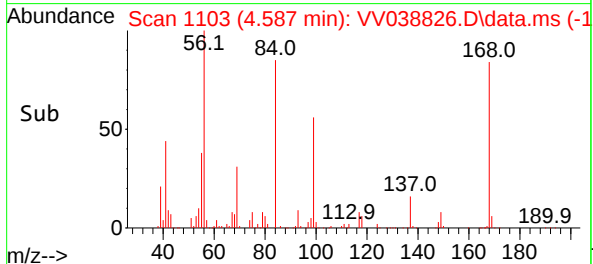
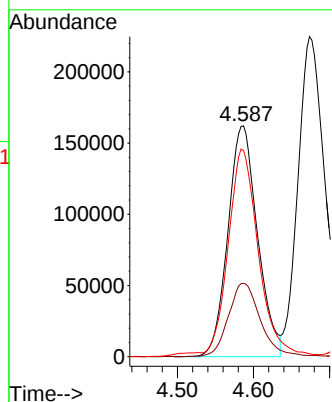
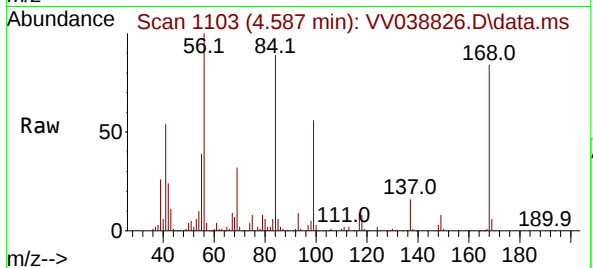
Tgt Ion: 56 Resp: 439023

Ion Ratio Lower Upper

56 100

69 31.7 25.4 38.0

84 87.8 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 46.902 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

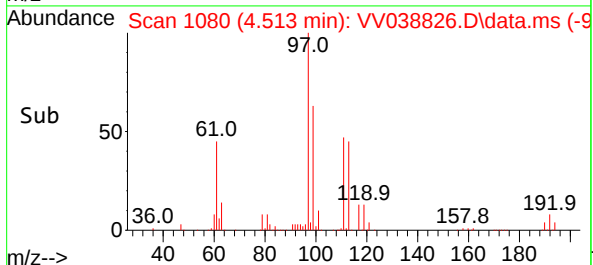
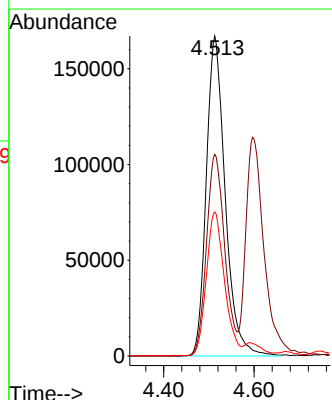
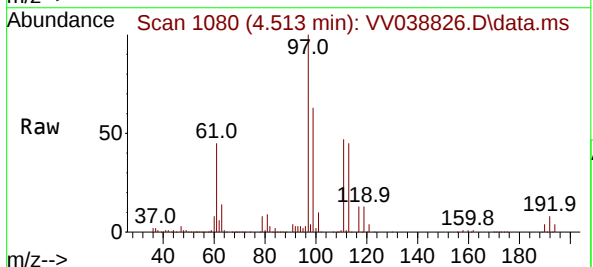
Tgt Ion: 97 Resp: 484920

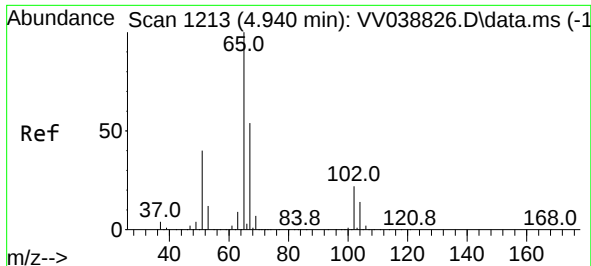
Ion Ratio Lower Upper

97 100

99 61.1 48.9 73.3

61 43.2 34.6 51.8





#33

1,2-Dichloroethane-d4

Concen: 47.626 ug/l

RT: 4.940 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

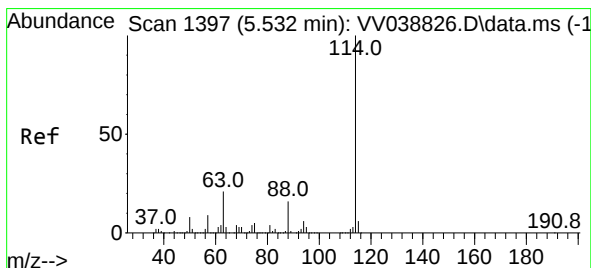
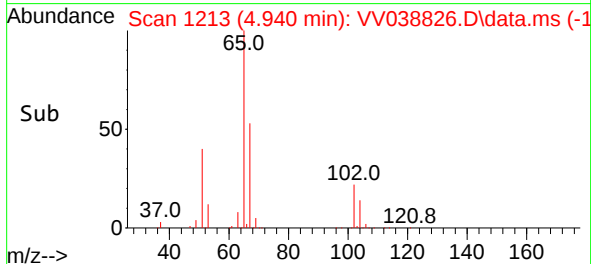
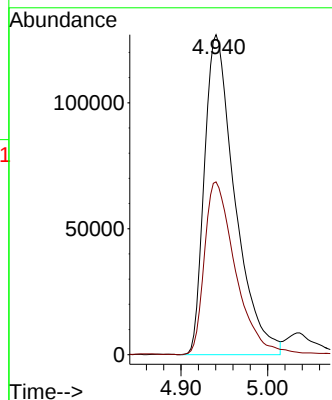
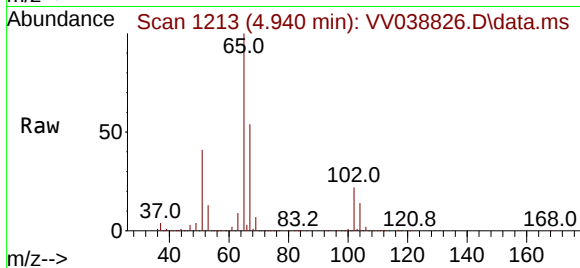
VSTDICCC050

Tgt Ion: 65 Resp: 309995

Ion Ratio Lower Upper

65 100

67 55.4 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

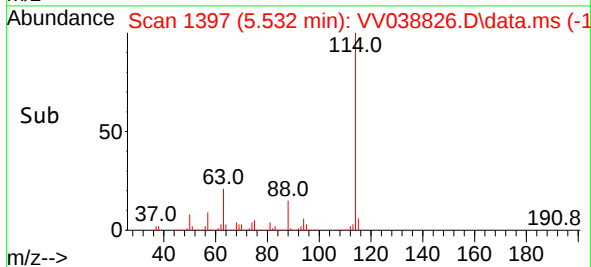
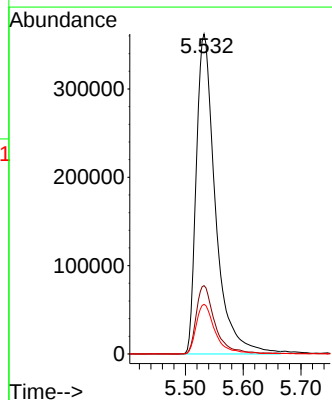
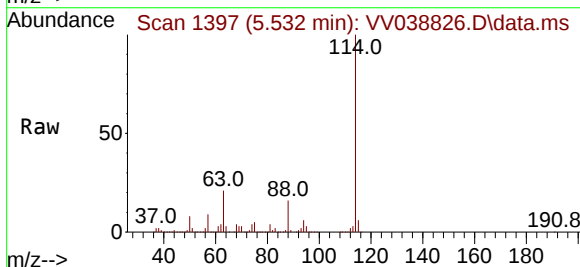
Tgt Ion: 114 Resp: 833955

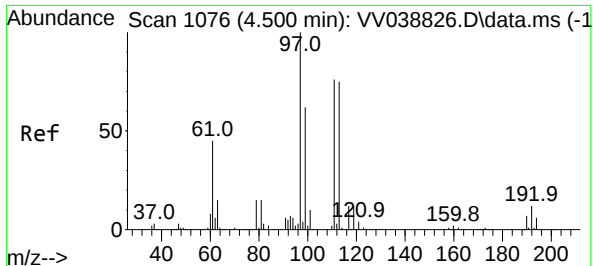
Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.6

88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 49.419 ug/l

RT: 4.500 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

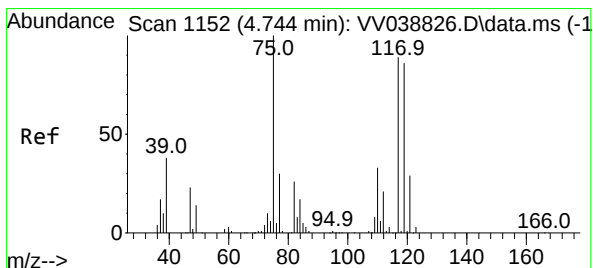
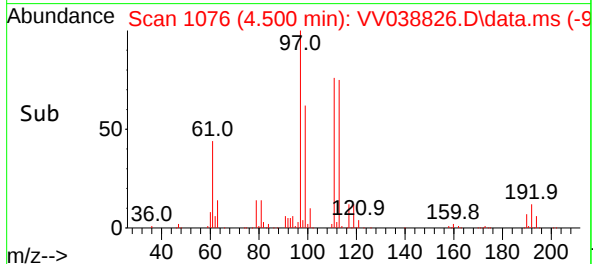
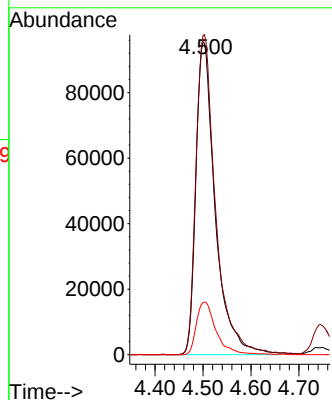
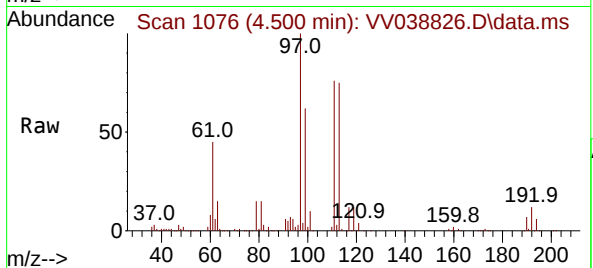
Tgt Ion:113 Resp: 267396

Ion Ratio Lower Upper

113 100

111 103.7 83.0 124.4

192 17.1 13.7 20.5



#36

1,1-Dichloropropene

Concen: 46.576 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

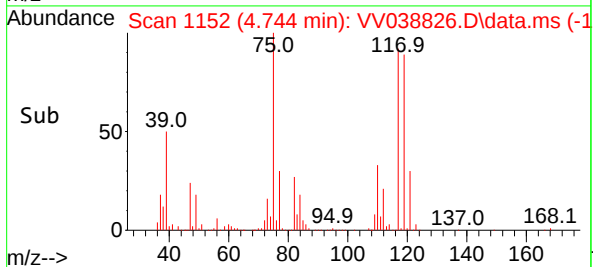
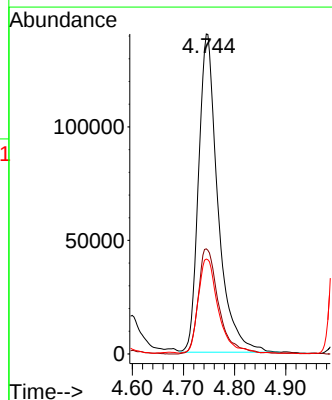
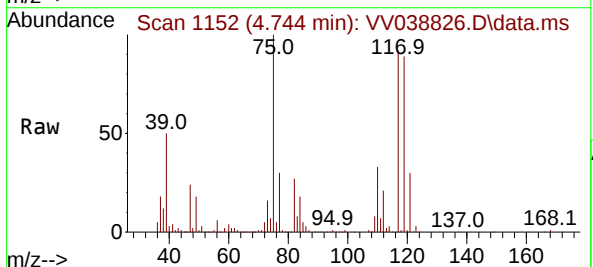
Tgt Ion: 75 Resp: 369218

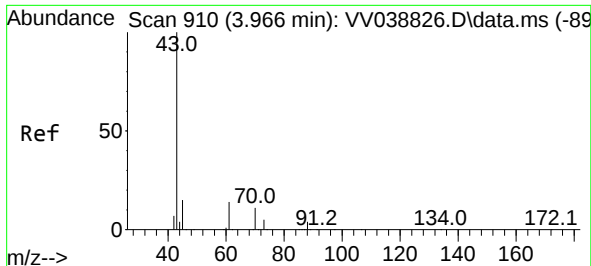
Ion Ratio Lower Upper

75 100

110 34.9 17.4 52.3

77 30.5 24.4 36.6

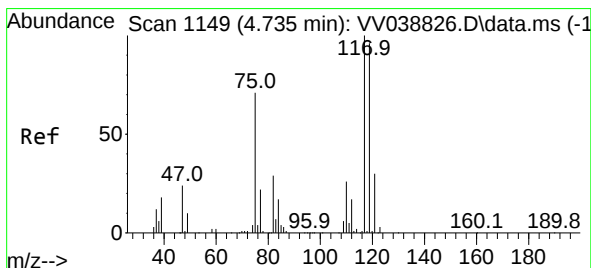
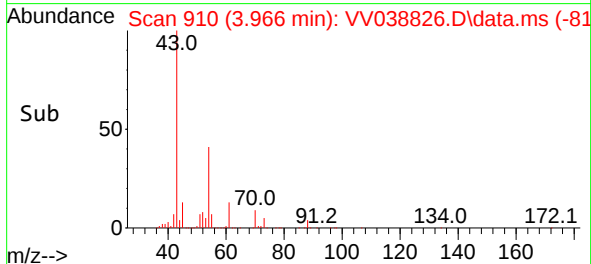
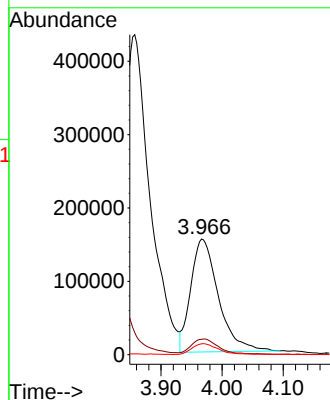
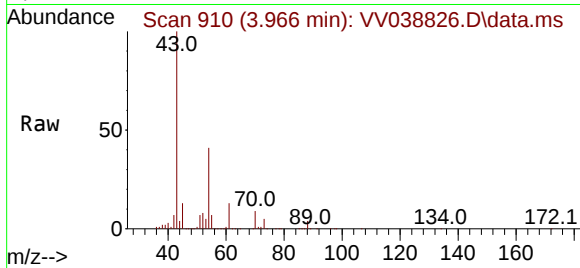




#37
Ethyl Acetate
Concen: 45.436 ug/l
RT: 3.966 min Scan# 910
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

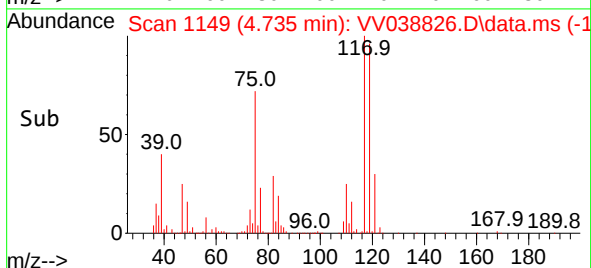
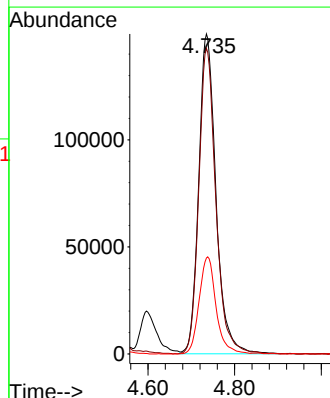
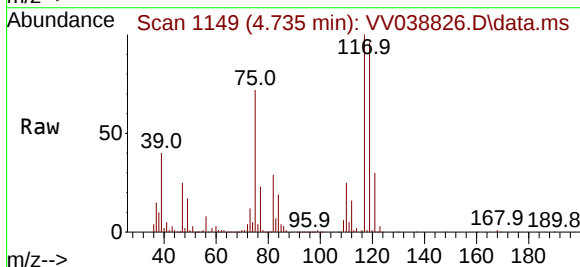
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

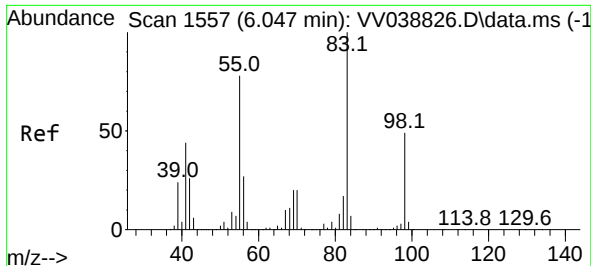
Tgt Ion: 43 Resp: 483468
Ion Ratio Lower Upper
43 100
61 12.4 9.9 14.9
70 8.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 48.983 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 117 Resp: 413281
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6
121 30.0 24.0 36.0





#39

Methylcyclohexane

Concen: 50.982 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

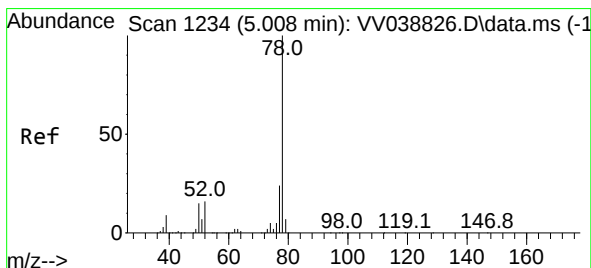
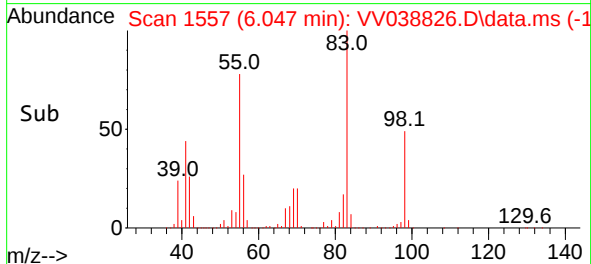
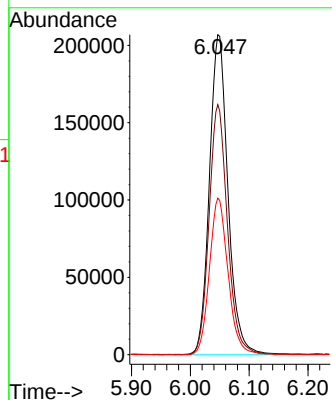
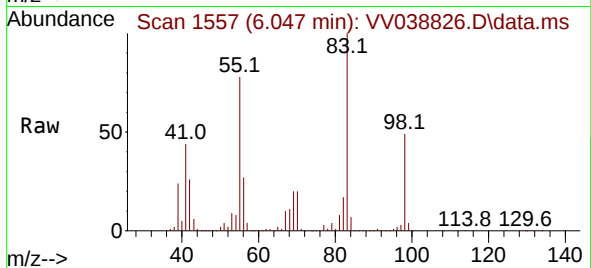
Tgt Ion: 83 Resp: 453474

Ion Ratio Lower Upper

83 100

55 78.0 62.4 93.6

98 48.9 39.1 58.7



#40

Benzene

Concen: 50.048 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV038826.D

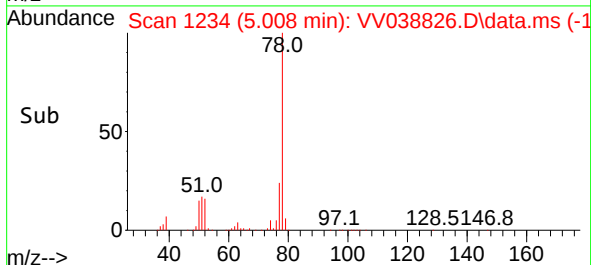
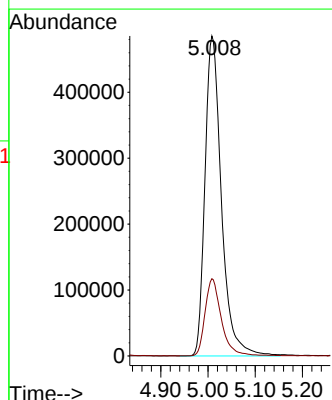
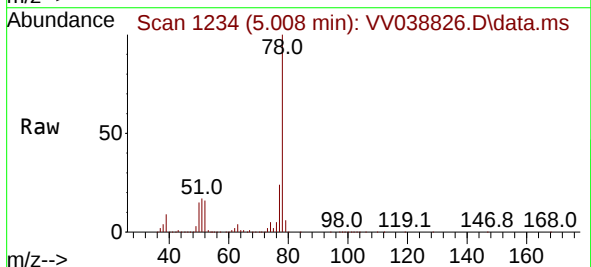
Acq: 27 Jun 2025 10:01

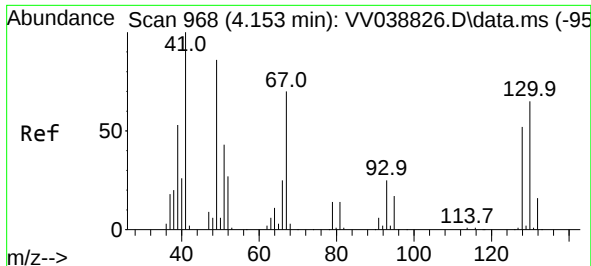
Tgt Ion: 78 Resp: 1173798

Ion Ratio Lower Upper

78 100

77 24.1 19.3 28.9



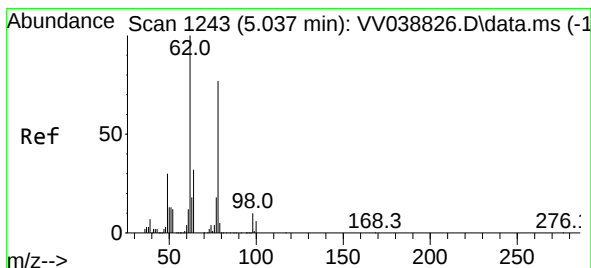
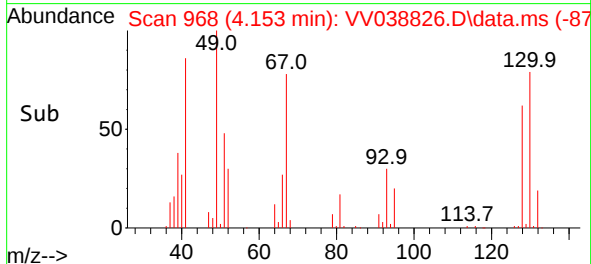
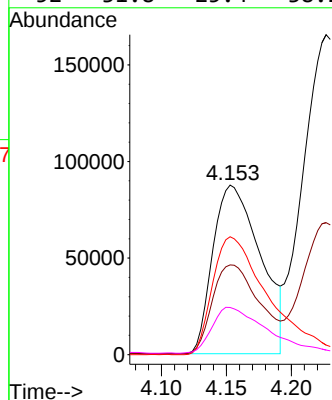
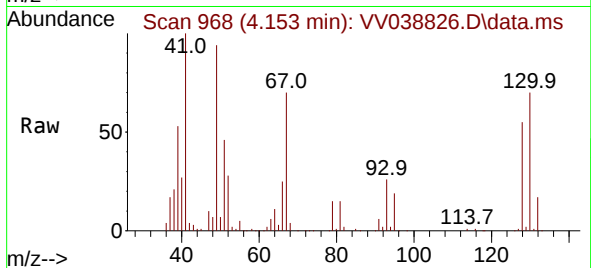


#41
Methacrylonitrile
Concen: 49.200 ug/l
RT: 4.153 min Scan# 968
Delta R.T. -0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

Tgt Ion: 41 Resp: 222144

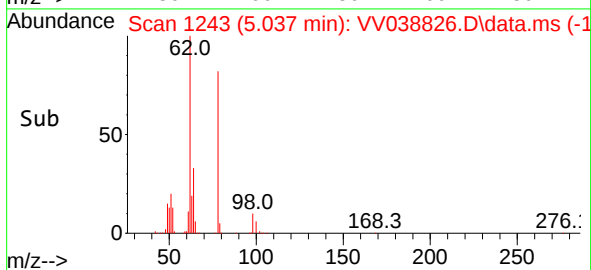
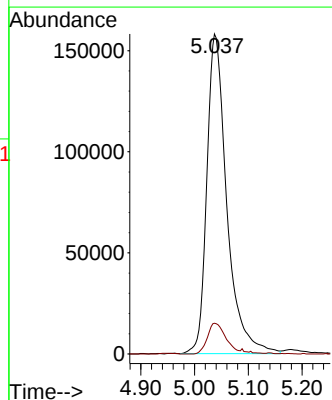
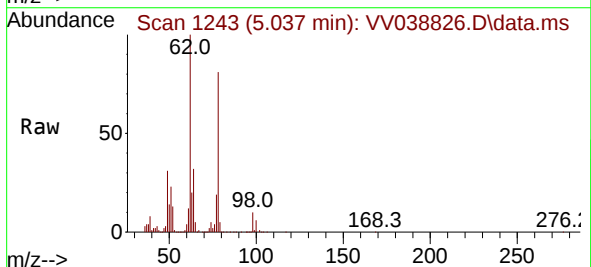
Ion	Ratio	Lower	Upper
41	100		
39	52.7	42.2	63.2
67	85.3	68.2	102.4
52	31.8	25.4	38.2

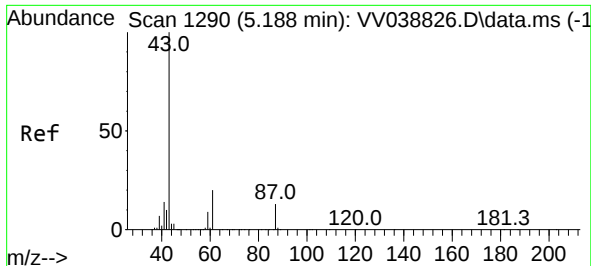


#42
1,2-Dichloroethane
Concen: 48.319 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 62 Resp: 408751

Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.8

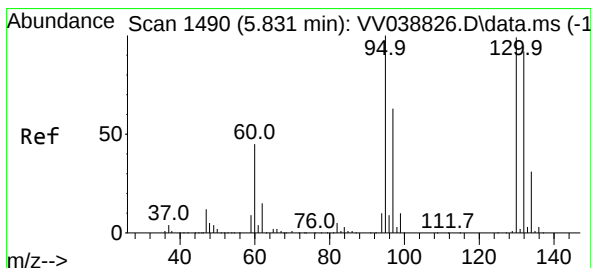
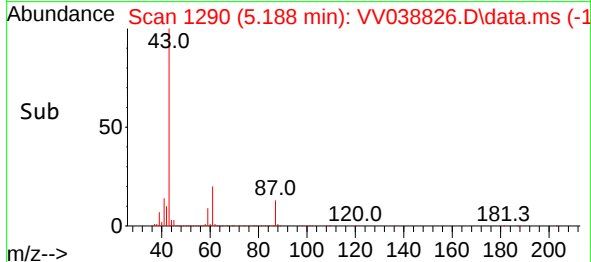
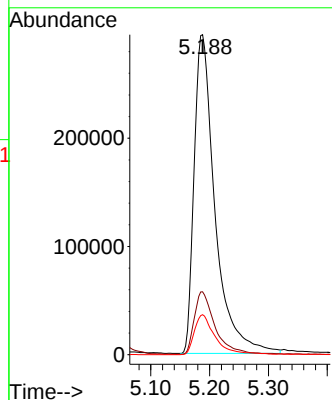
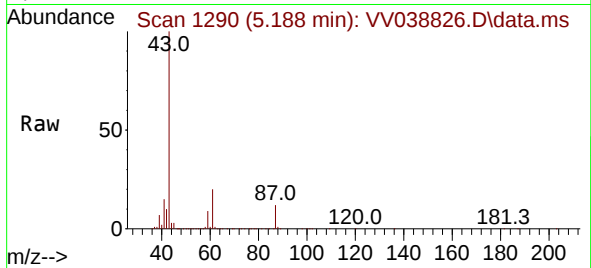




#43
Isopropyl Acetate
Concen: 56.287 ug/l
RT: 5.188 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

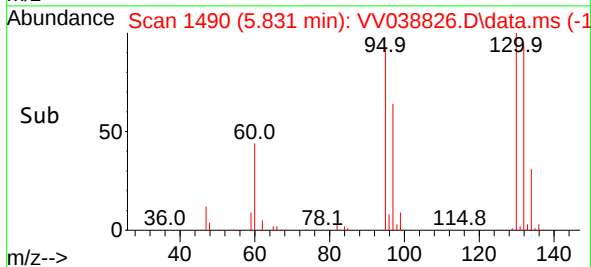
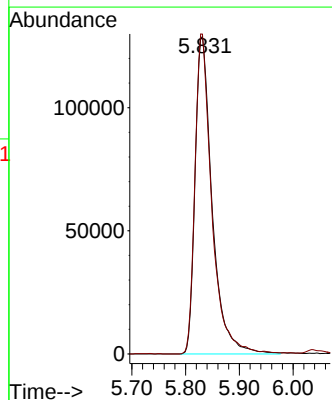
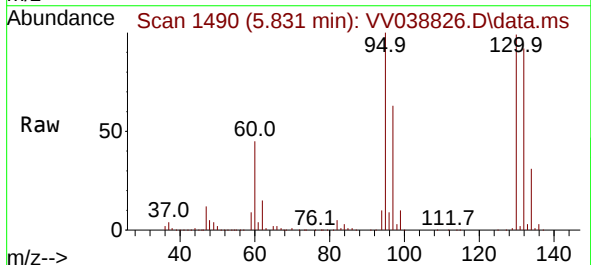
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

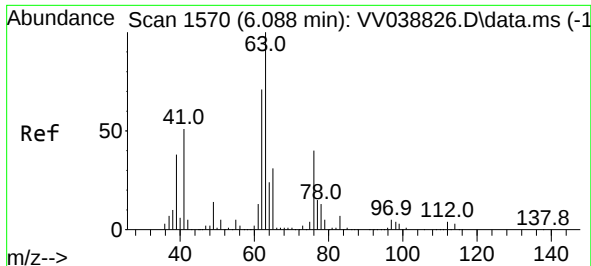
Tgt Ion: 43 Resp: 728043
Ion Ratio Lower Upper
43 100
61 19.3 15.4 23.2
87 12.6 10.1 15.1



#44
Trichloroethene
Concen: 50.448 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion:130 Resp: 283958
Ion Ratio Lower Upper
130 100
95 100.8 0.0 201.6





#45

1,2-Dichloropropane

Concen: 51.534 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

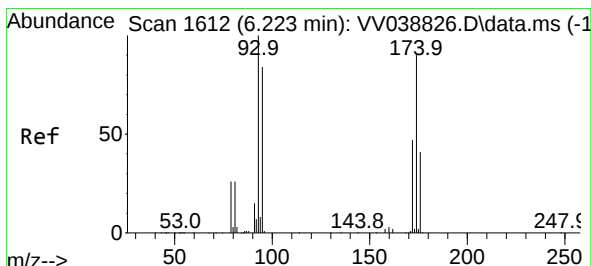
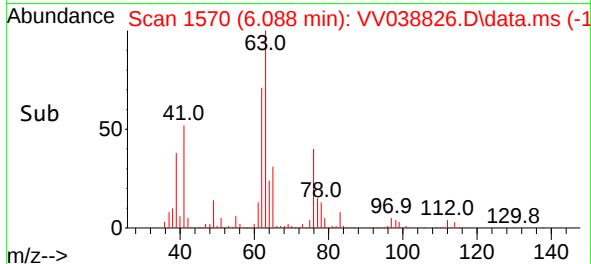
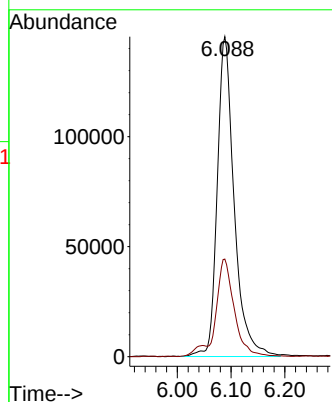
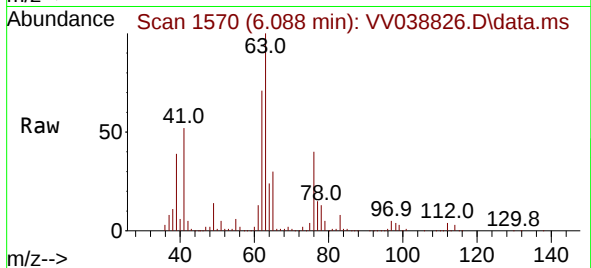
VSTDICCC050

Tgt Ion: 63 Resp: 317757

Ion Ratio Lower Upper

63 100

65 30.4 24.3 36.5



#46

Dibromomethane

Concen: 49.159 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

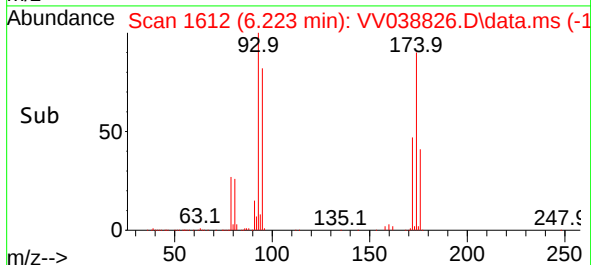
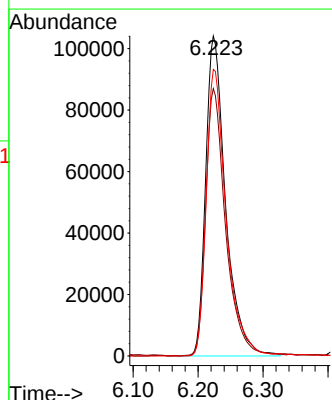
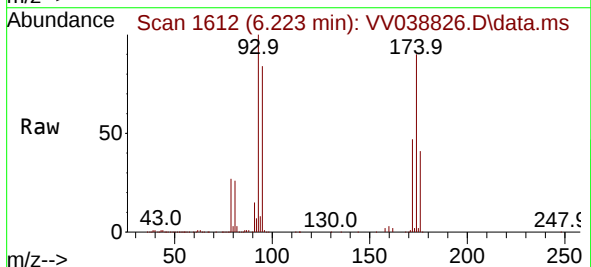
Tgt Ion: 93 Resp: 222352

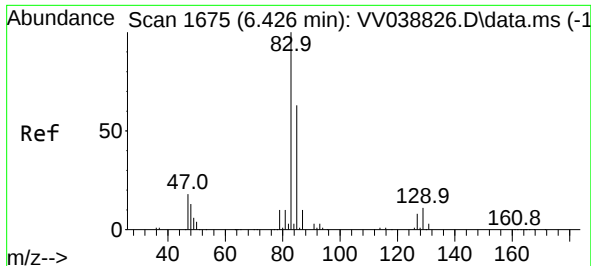
Ion Ratio Lower Upper

93 100

95 83.6 66.9 100.3

174 89.2 71.4 107.0

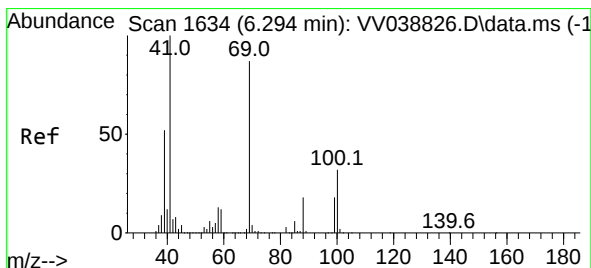
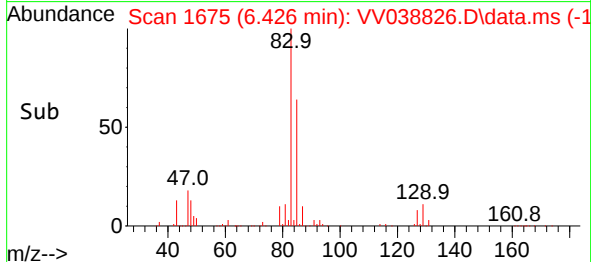
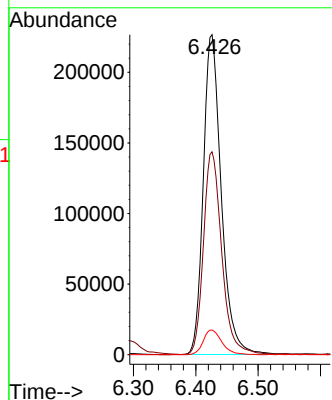
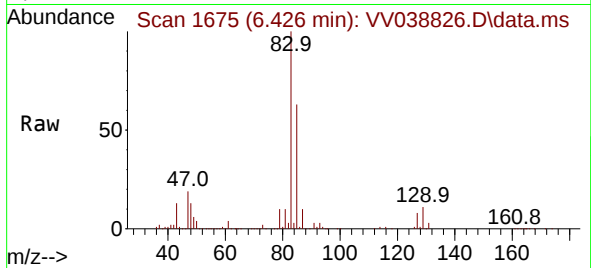




#47
Bromodichloromethane
Concen: 49.806 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

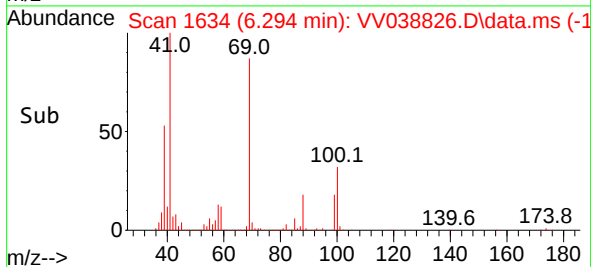
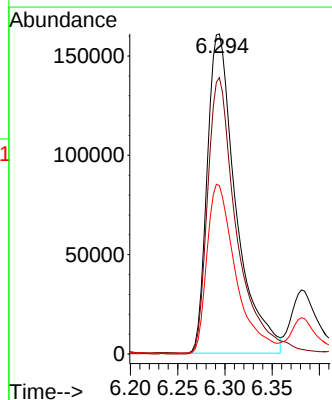
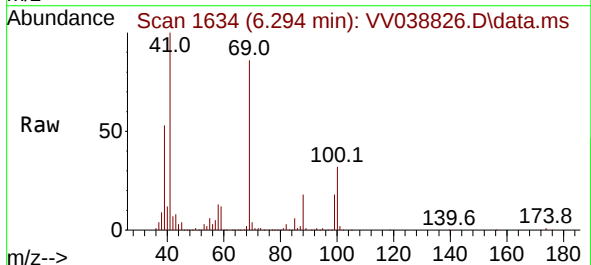
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

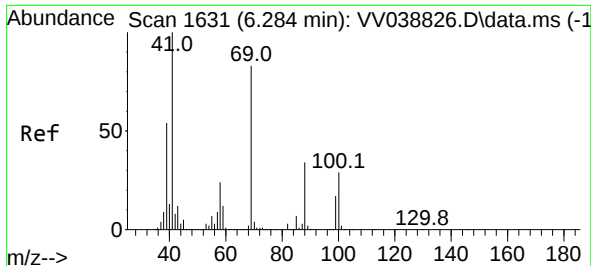
Tgt Ion: 83 Resp: 454953
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1
127 7.7 6.2 9.2



#48
Methyl methacrylate
Concen: 55.467 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 41 Resp: 340029
Ion Ratio Lower Upper
41 100
69 88.0 70.4 105.6
39 52.9 42.3 63.5





#49

1,4-Dioxane

Concen: 865.047 ug/l

RT: 6.284 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

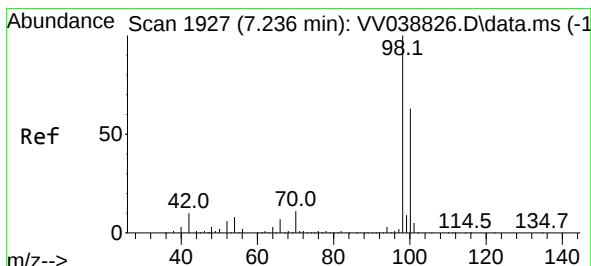
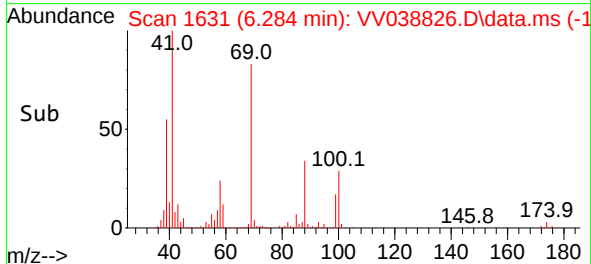
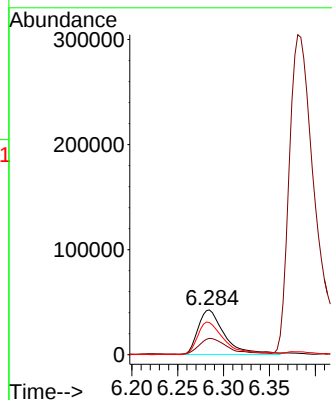
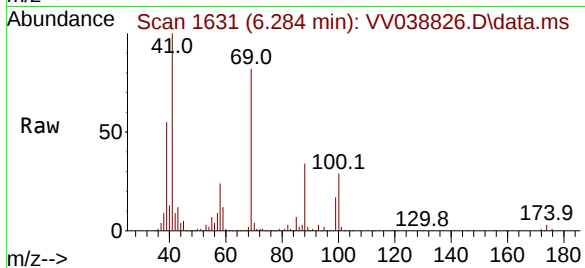
Tgt Ion: 88 Resp: 85364

Ion Ratio Lower Upper

88 100

43 38.0 30.4 45.6

58 74.5 59.6 89.4



#50

Toluene-d8

Concen: 49.561 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038826.D

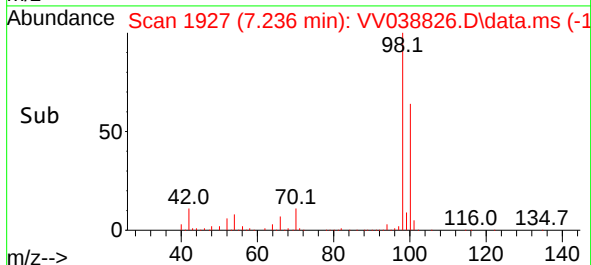
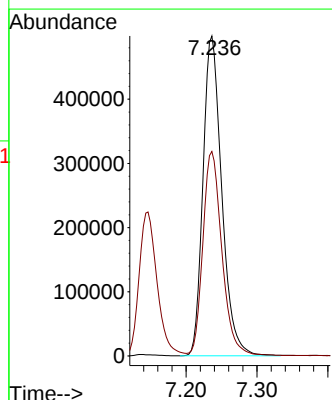
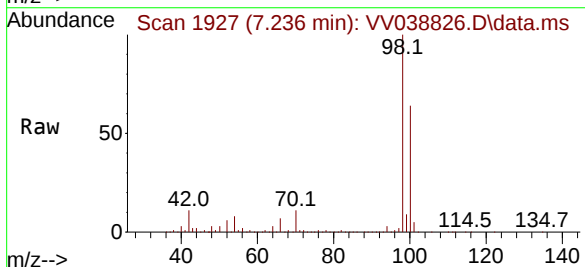
Acq: 27 Jun 2025 10:01

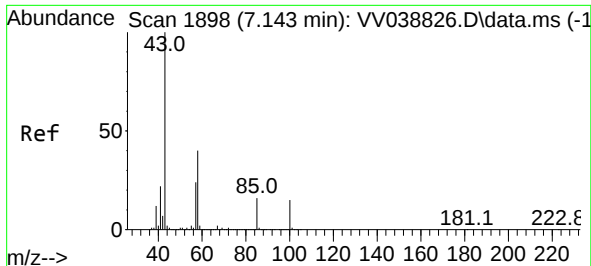
Tgt Ion: 98 Resp: 916243

Ion Ratio Lower Upper

98 100

100 64.6 51.7 77.5

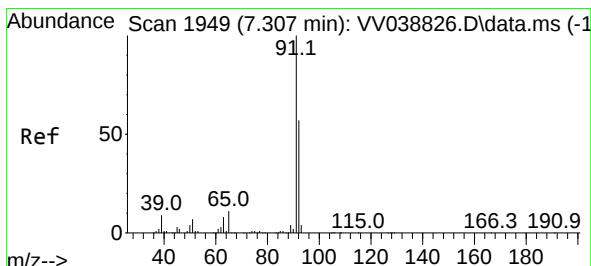
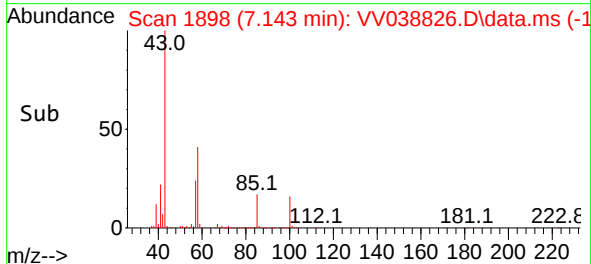
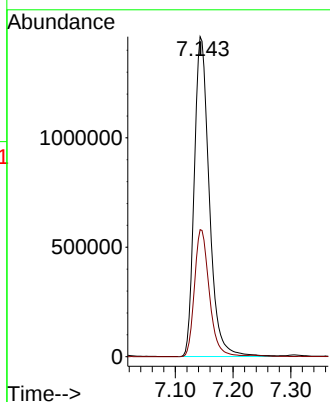
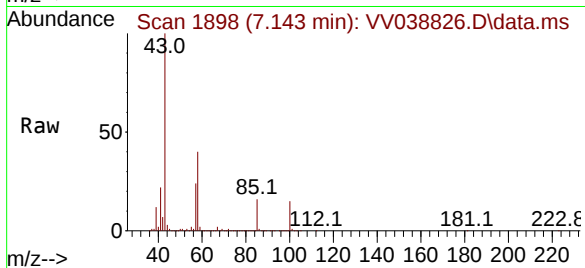




#51
4-Methyl-2-Pentanone
Concen: 277.405 ug/l
RT: 7.143 min Scan# 1898
Delta R.T. -0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

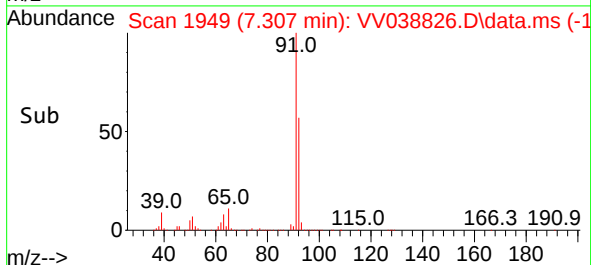
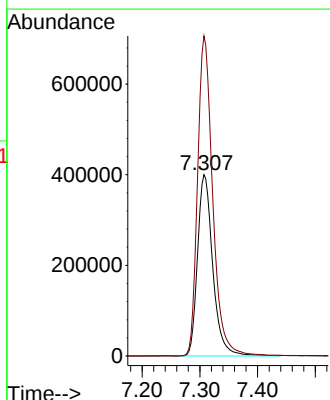
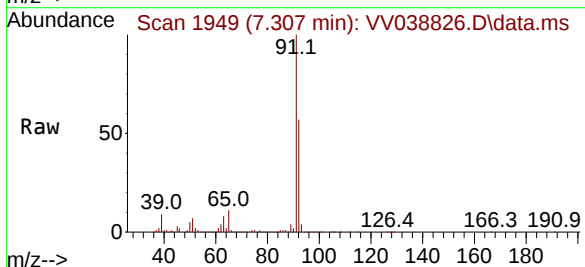
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

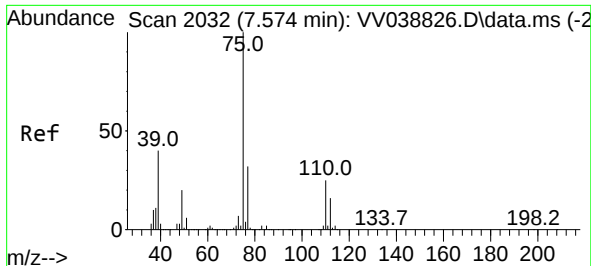
Tgt Ion: 43 Resp: 2641715
Ion Ratio Lower Upper
43 100
58 39.3 31.4 47.2



#52
Toluene
Concen: 51.271 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 92 Resp: 733037
Ion Ratio Lower Upper
92 100
91 175.4 140.3 210.5

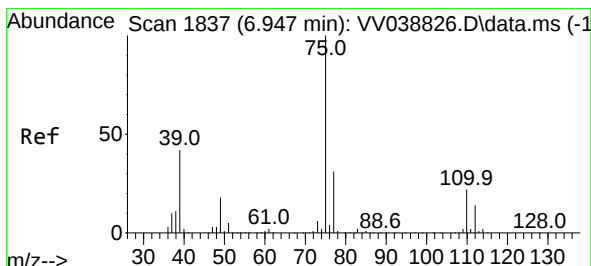
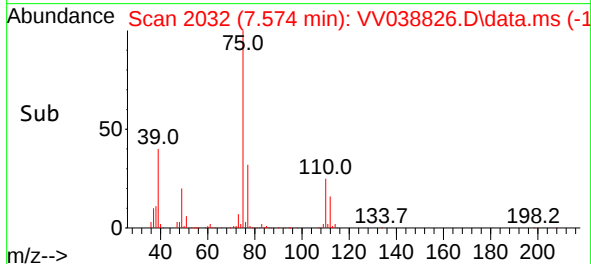
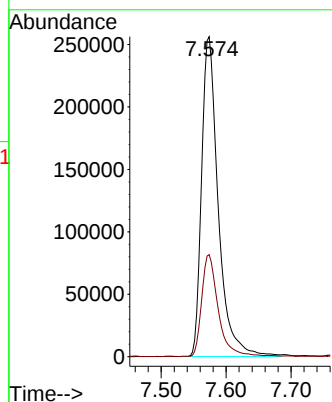
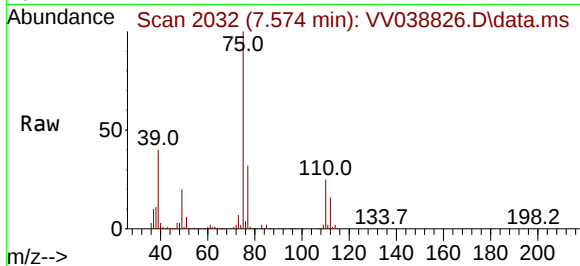




#53
t-1,3-Dichloropropene
Concen: 52.488 ug/l
RT: 7.574 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

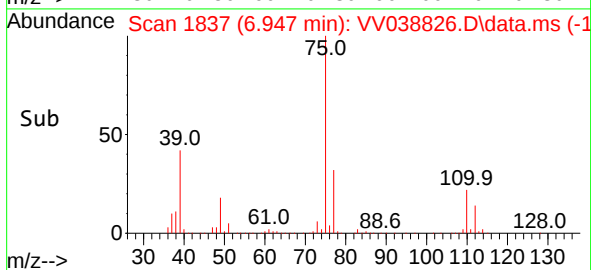
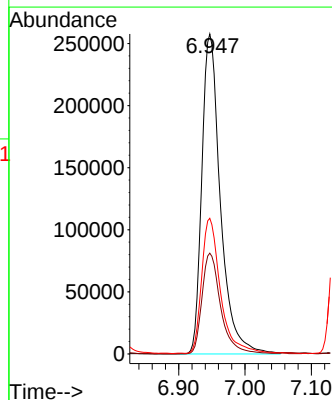
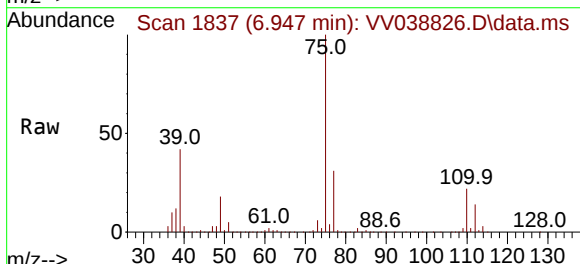
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

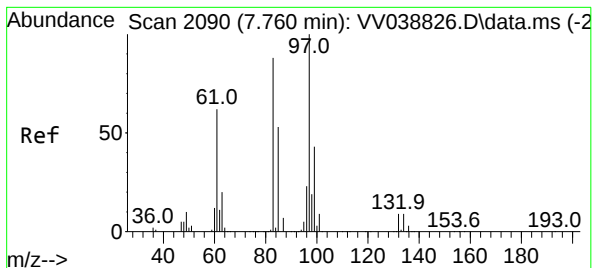
Tgt Ion: 75 Resp: 457080
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 52.058 ug/l
RT: 6.947 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 75 Resp: 501439
Ion Ratio Lower Upper
75 100
77 31.4 25.1 37.7
39 42.2 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 49.972 ug/l

RT: 7.760 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

Tgt Ion: 97 Resp: 308286

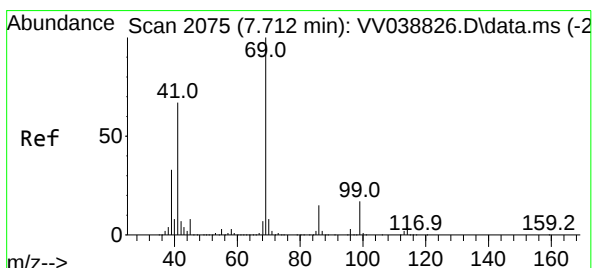
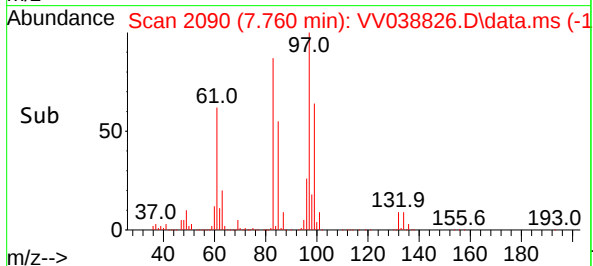
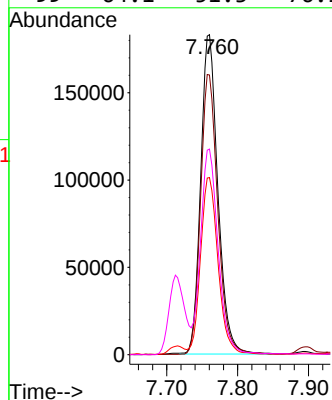
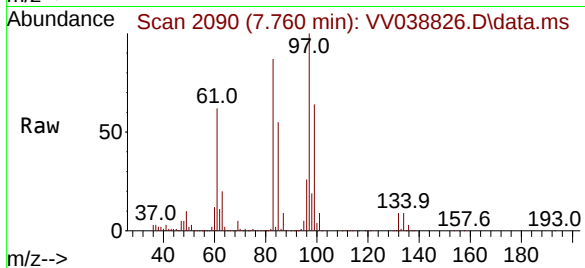
Ion Ratio Lower Upper

97 100

83 87.4 69.9 104.9

85 55.3 44.2 66.4

99 64.1 51.3 76.9



#56

Ethyl methacrylate

Concen: 56.008 ug/l

RT: 7.712 min Scan# 2075

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

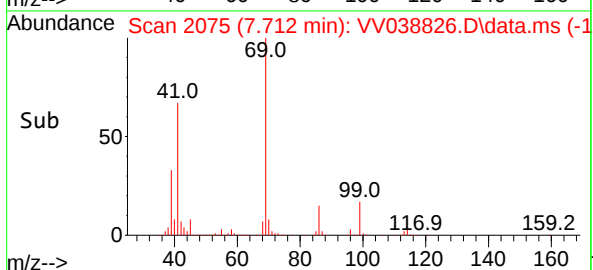
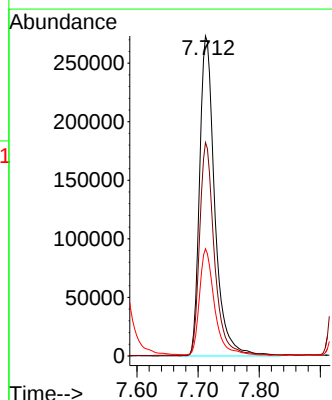
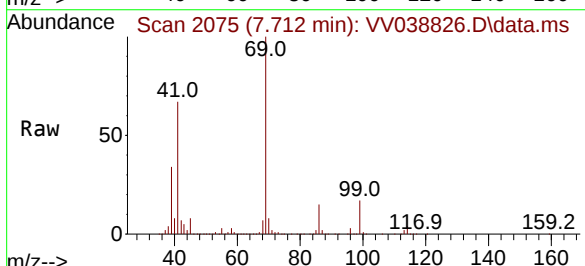
Tgt Ion: 69 Resp: 470715

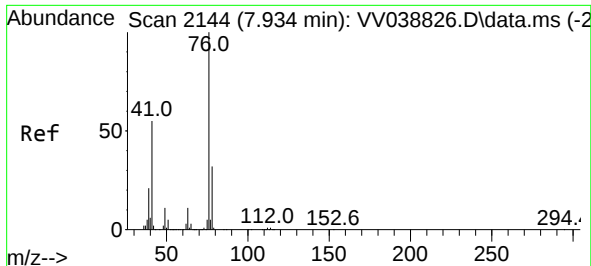
Ion Ratio Lower Upper

69 100

41 65.3 52.2 78.4

39 32.6 26.1 39.1

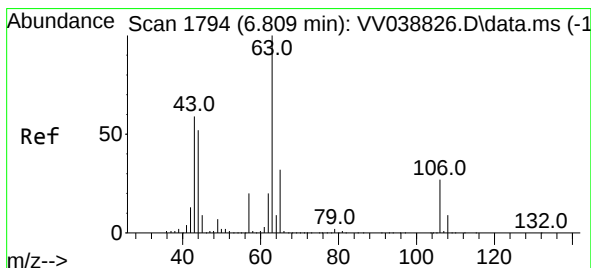
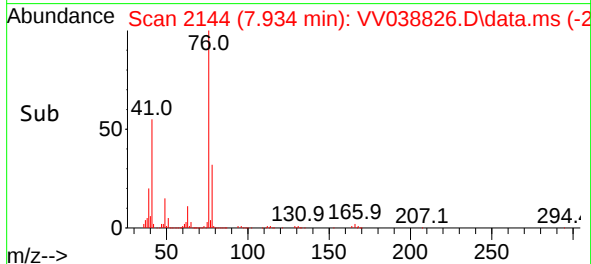
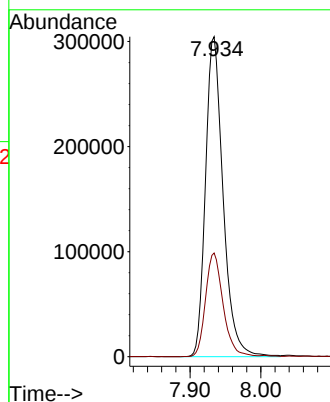
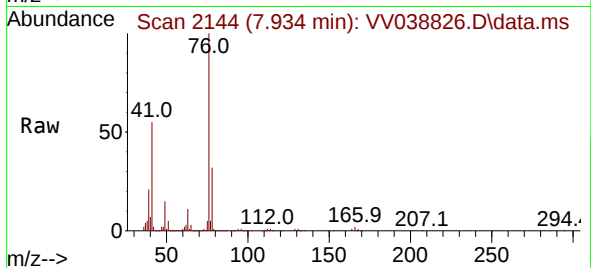




#57
1,3-Dichloropropane
Concen: 51.736 ug/l
RT: 7.934 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

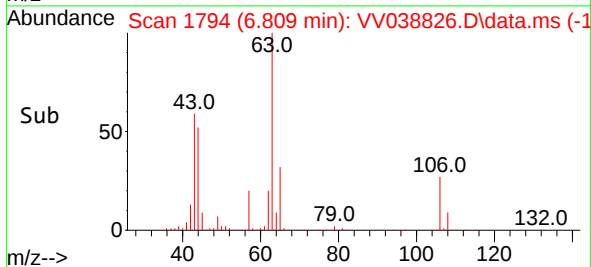
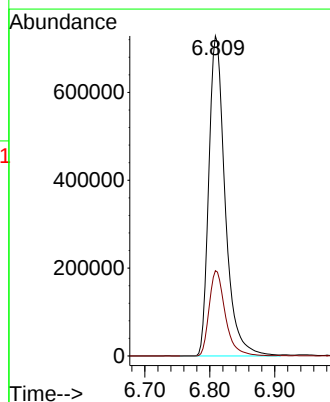
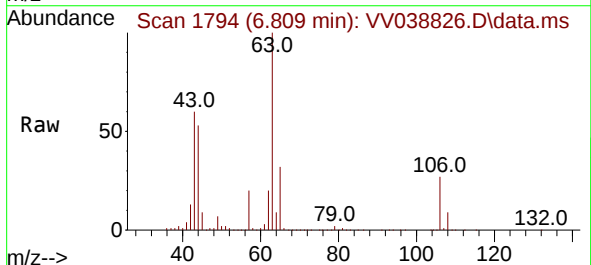
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

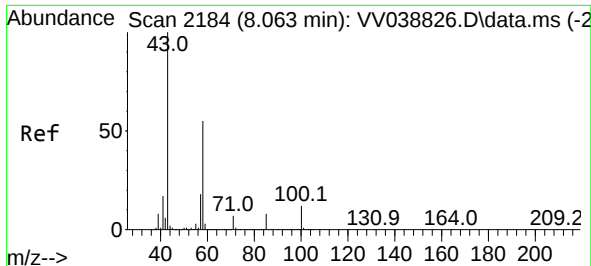
Tgt Ion: 76 Resp: 525207
Ion Ratio Lower Upper
76 100
78 32.4 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 233.577 ug/l
RT: 6.809 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 63 Resp: 1273481
Ion Ratio Lower Upper
63 100
106 26.4 21.1 31.7

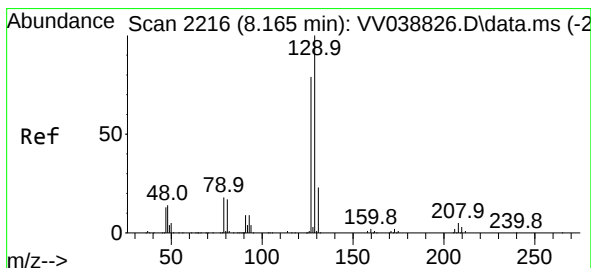
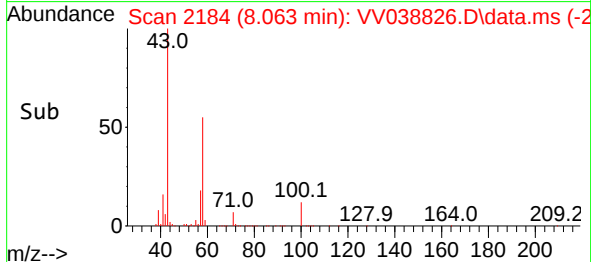
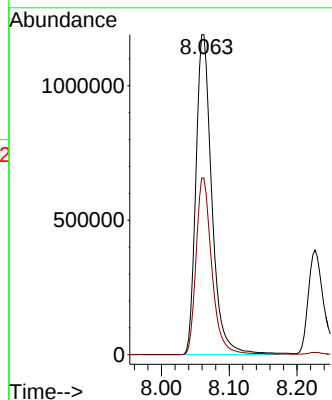
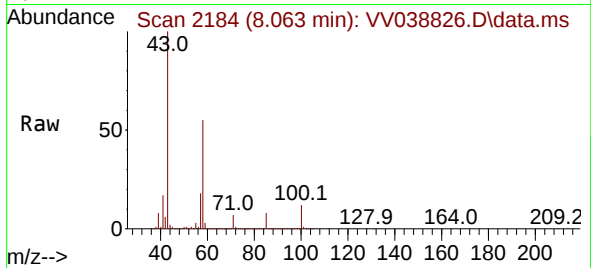




#59
2-Hexanone
Concen: 289.577 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

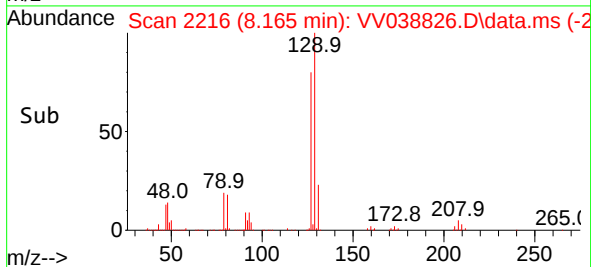
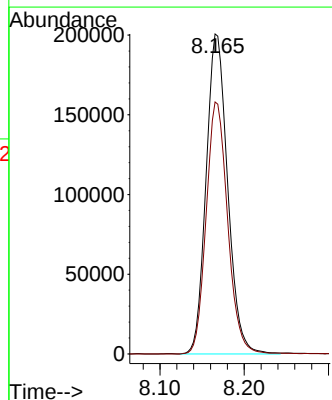
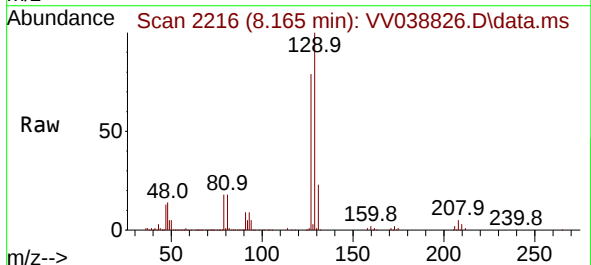
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

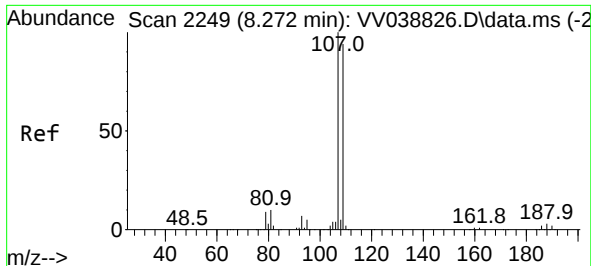
Tgt Ion: 43 Resp: 1942473
Ion Ratio Lower Upper
43 100
58 54.9 27.5 82.4



#60
Dibromochloromethane
Concen: 49.925 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 129 Resp: 357089
Ion Ratio Lower Upper
129 100
127 78.7 39.4 118.1

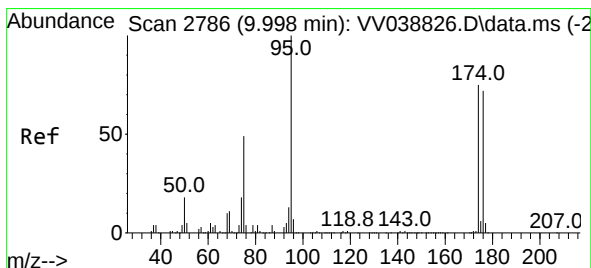
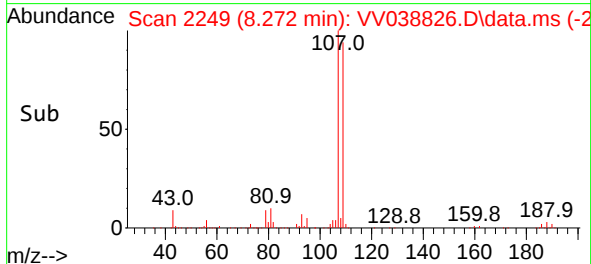
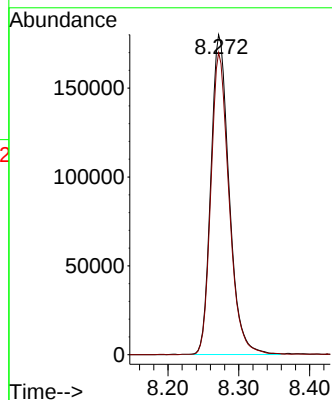
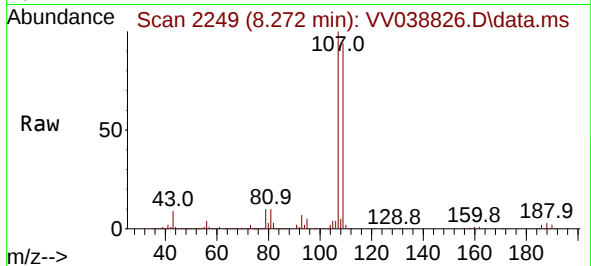




#61
1,2-Dibromoethane
Concen: 50.607 ug/l
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

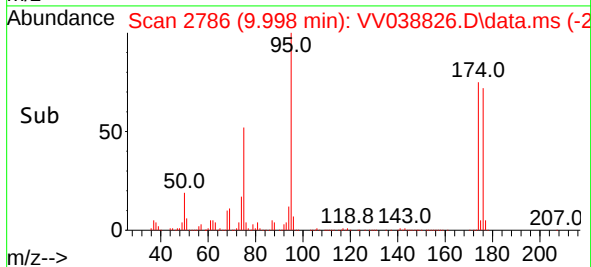
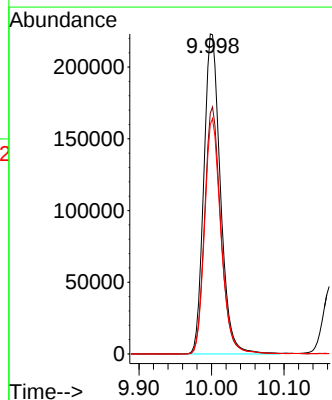
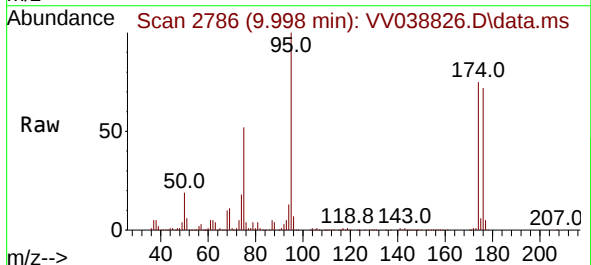
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

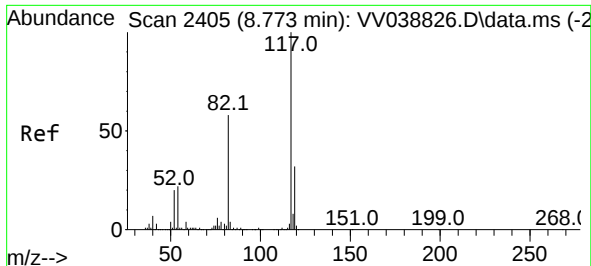
Tgt Ion:107 Resp: 322247
Ion Ratio Lower Upper
107 100
109 94.2 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 52.192 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 95 Resp: 355198
Ion Ratio Lower Upper
95 100
174 75.5 0.0 151.0
176 72.5 0.0 145.0

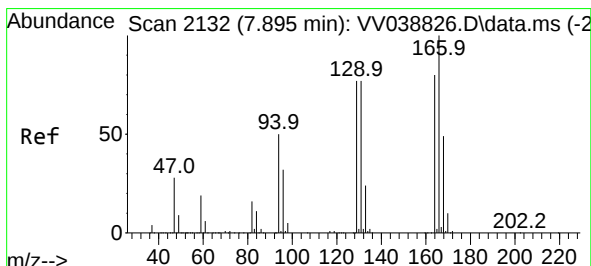
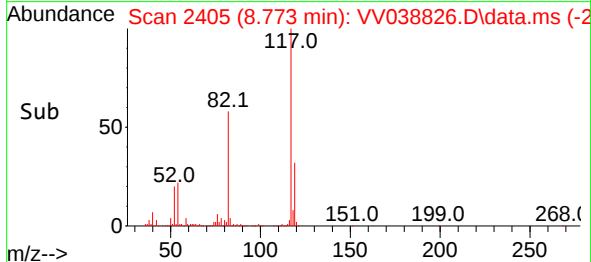
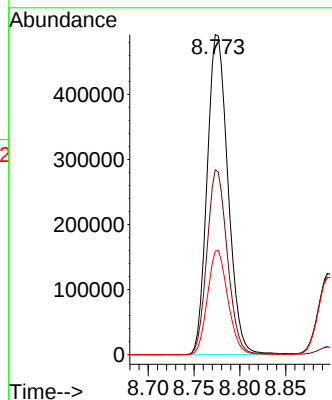
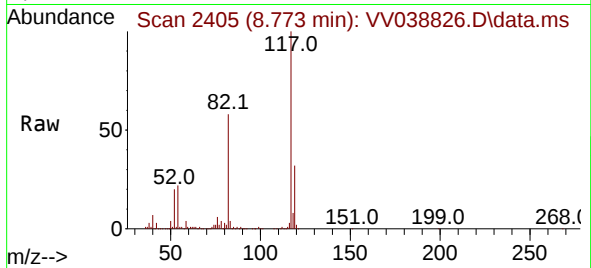




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

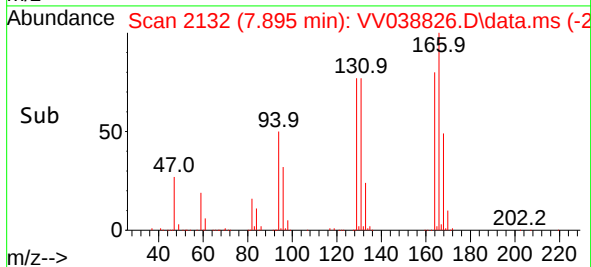
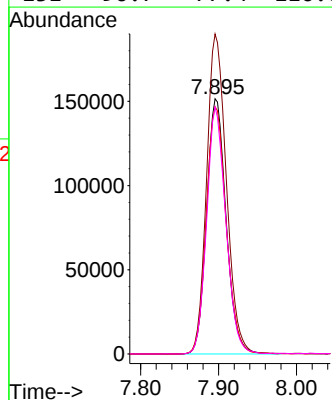
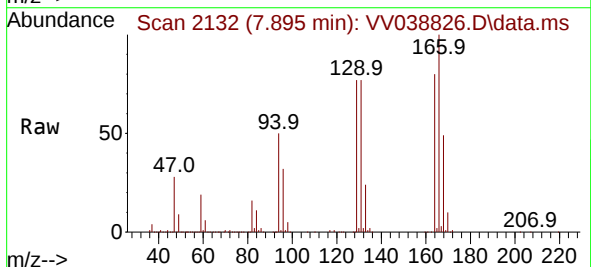
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

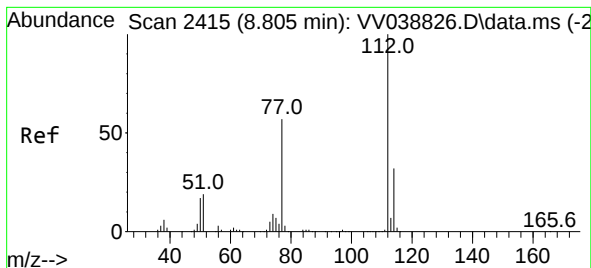
Tgt Ion:117 Resp: 779042
Ion Ratio Lower Upper
117 100
82 57.7 46.2 69.2
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 48.444 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion:164 Resp: 263390
Ion Ratio Lower Upper
164 100
166 125.4 100.3 150.5
129 96.9 77.5 116.3
131 96.7 77.4 116.0





#65

Chlorobenzene

Concen: 49.234 ug/l

RT: 8.805 min Scan# 2415

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

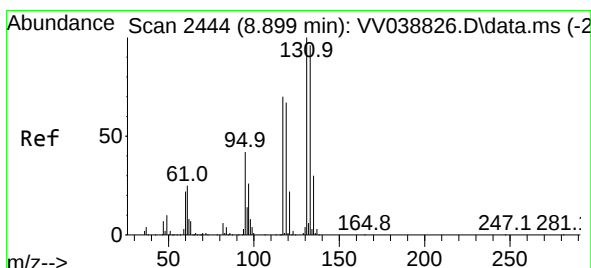
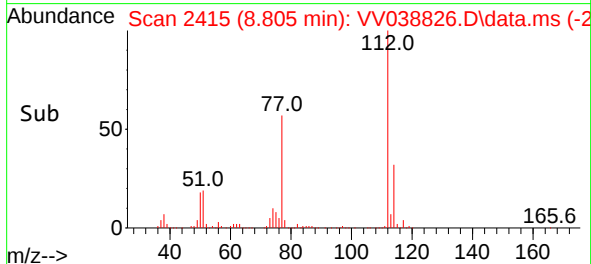
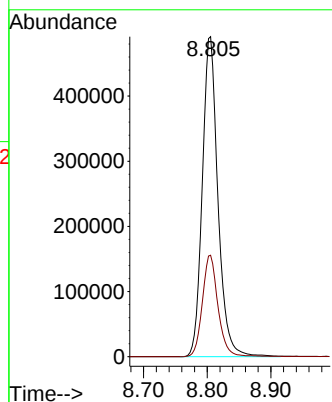
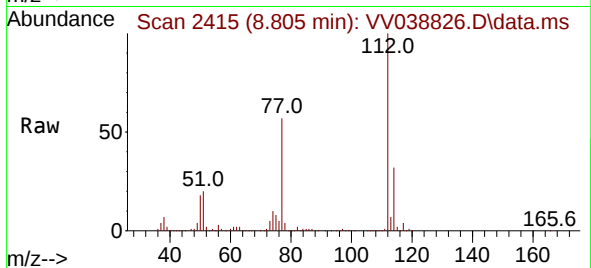
VSTDICCC050

Tgt Ion:112 Resp: 838734

Ion Ratio Lower Upper

112 100

114 31.7 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 48.245 ug/l

RT: 8.899 min Scan# 2444

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

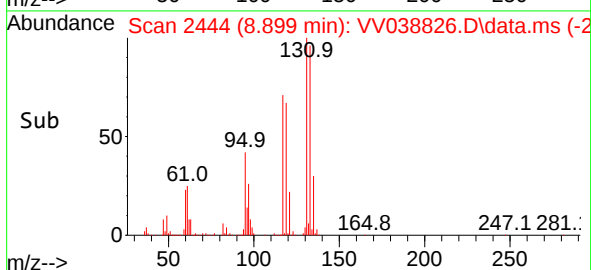
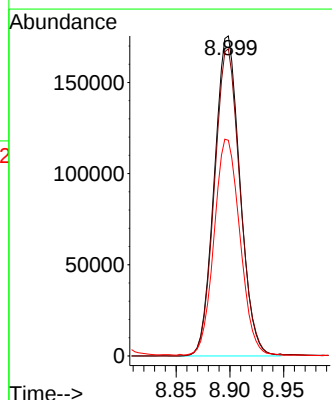
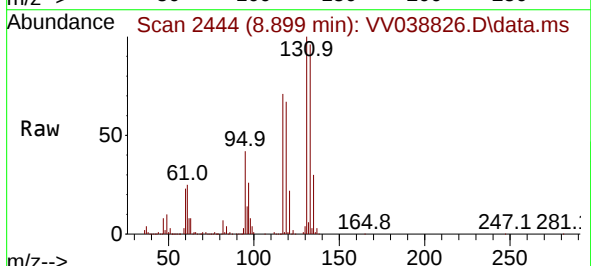
Tgt Ion:131 Resp: 290629

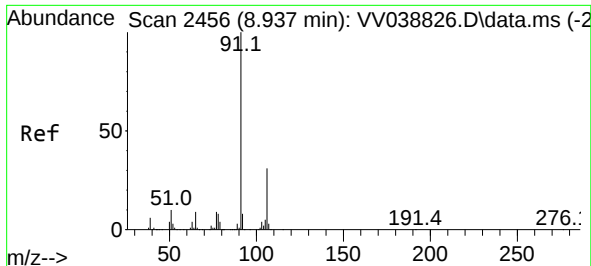
Ion Ratio Lower Upper

131 100

133 96.3 48.1 144.4

119 68.3 34.2 102.5





#67

Ethyl Benzene

Concen: 52.275 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

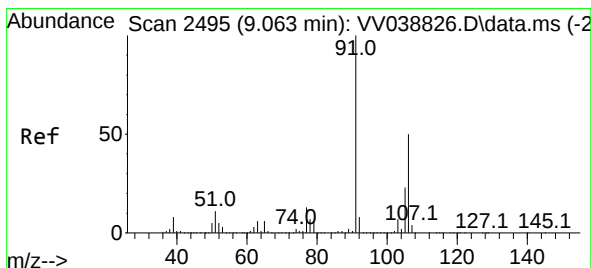
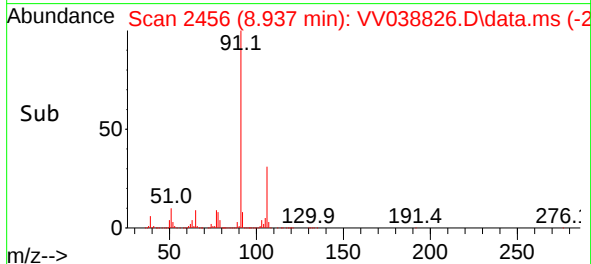
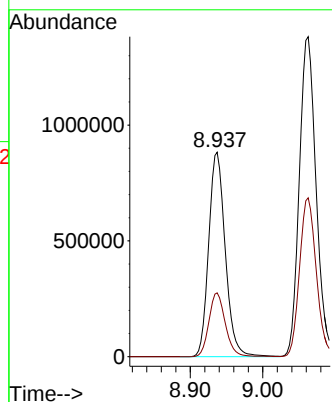
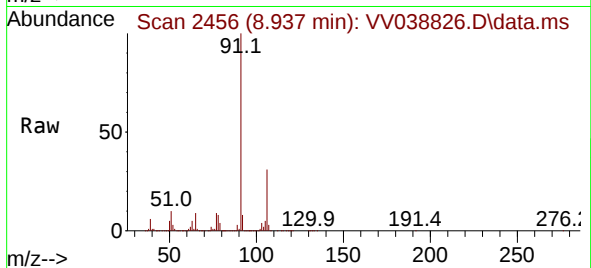
VSTDICCC050

Tgt Ion: 91 Resp: 1401569

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.6



#68

m/p-Xylenes

Concen: 109.420 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038826.D

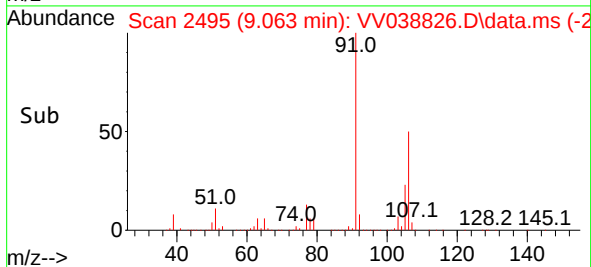
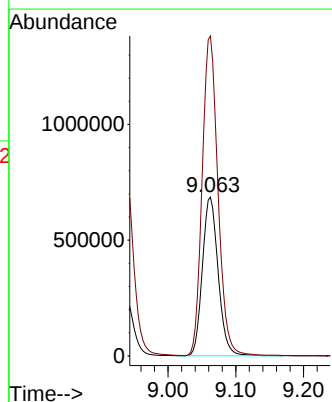
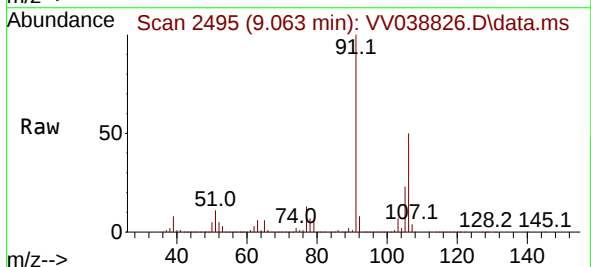
Acq: 27 Jun 2025 10:01

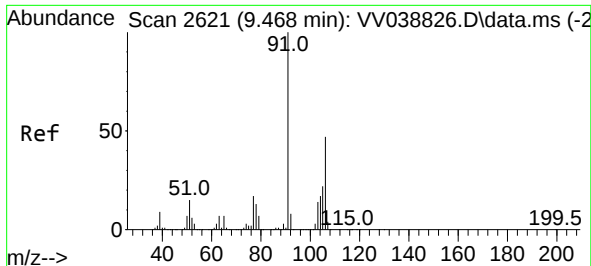
Tgt Ion: 106 Resp: 1104933

Ion Ratio Lower Upper

106 100

91 202.3 161.8 242.8

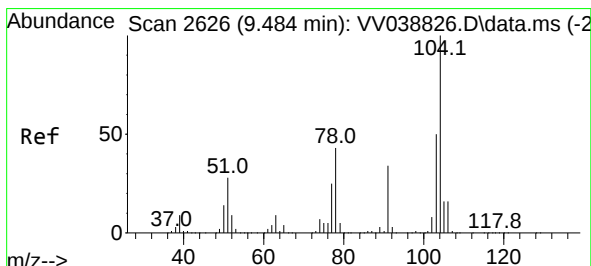
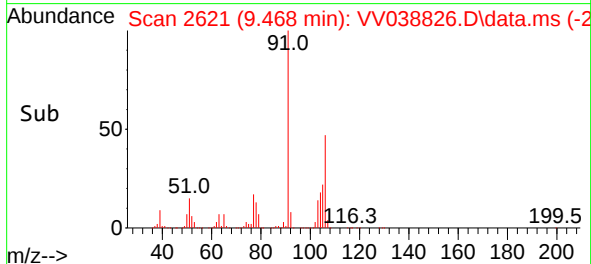
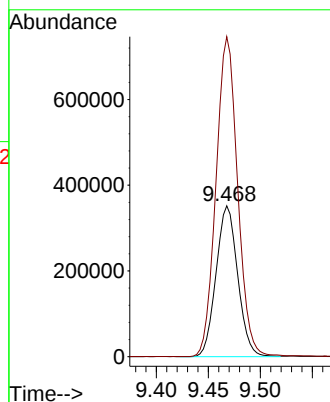
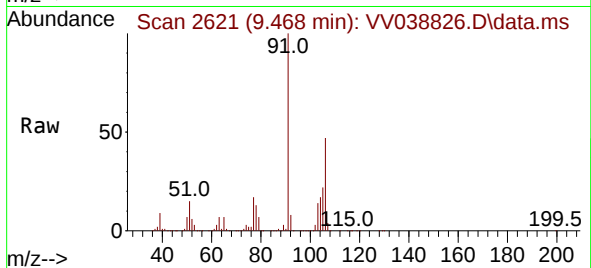




#69
o-Xylene
Concen: 53.920 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

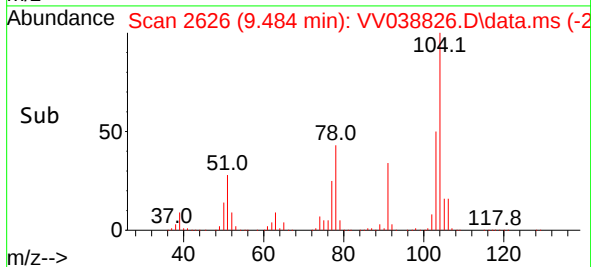
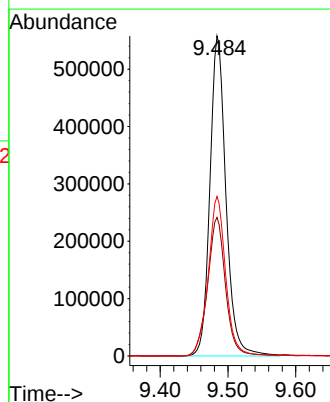
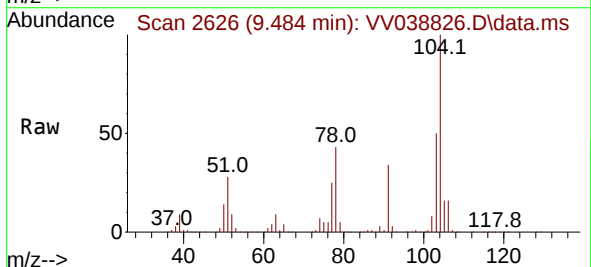
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

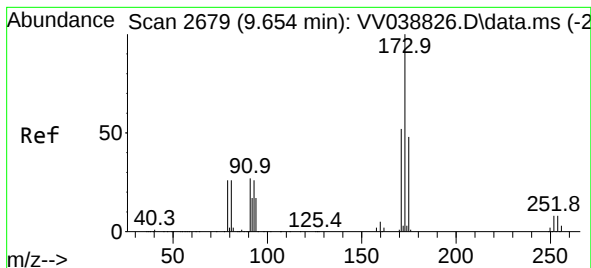
Tgt Ion:106 Resp: 509329
Ion Ratio Lower Upper
106 100
91 212.1 106.1 318.1



#70
Styrene
Concen: 57.555 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion:104 Resp: 918096
Ion Ratio Lower Upper
104 100
78 48.5 38.8 58.2
103 54.3 43.4 65.2





#71

Bromoform

Concen: 50.563 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

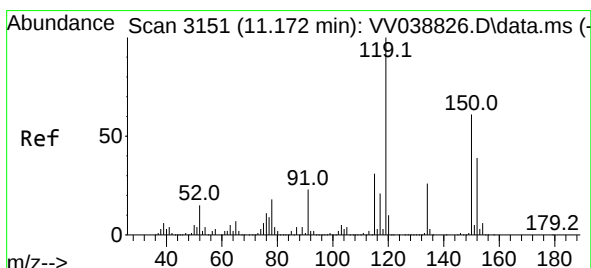
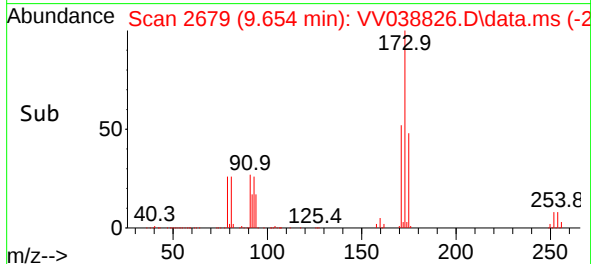
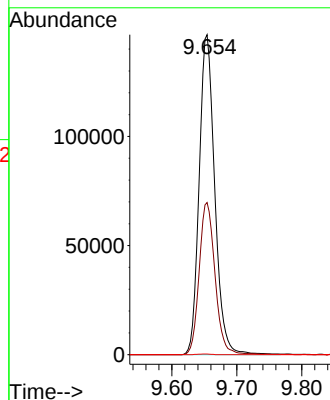
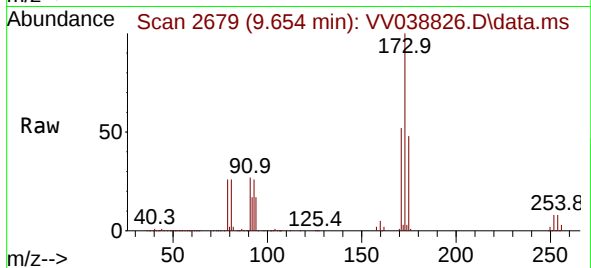
Tgt Ion:173 Resp: 245414

Ion Ratio Lower Upper

173 100

175 48.1 24.1 72.2

254 0.2 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: VV038826.D

Acq: 27 Jun 2025 10:01

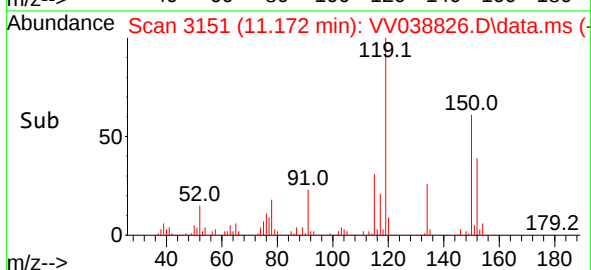
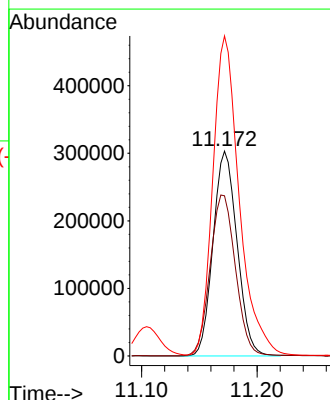
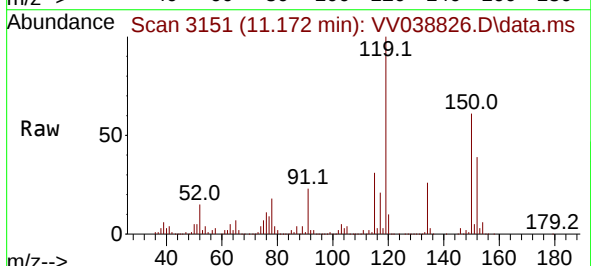
Tgt Ion:152 Resp: 438382

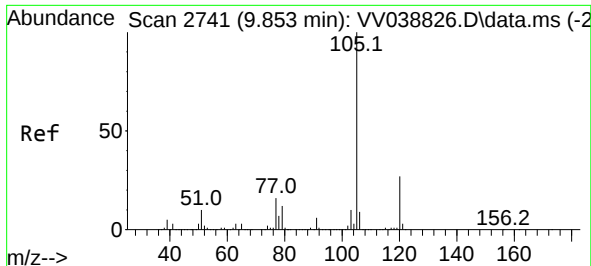
Ion Ratio Lower Upper

152 100

115 82.5 41.3 123.7

150 172.3 0.0 344.6

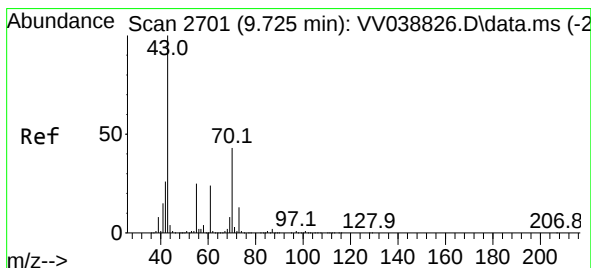
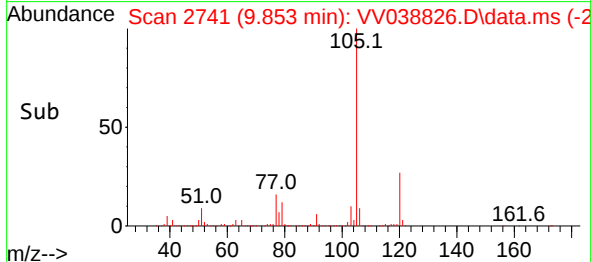
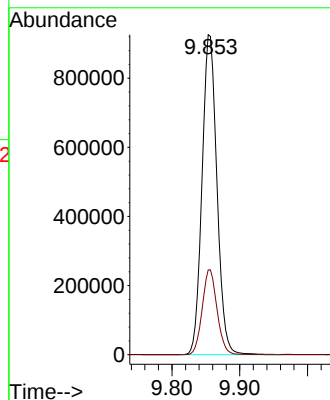
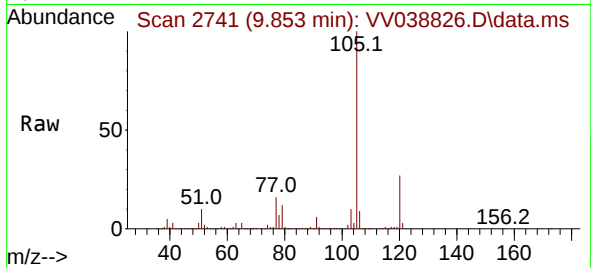




#73
Isopropylbenzene
Concen: 52.844 ug/l
RT: 9.853 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

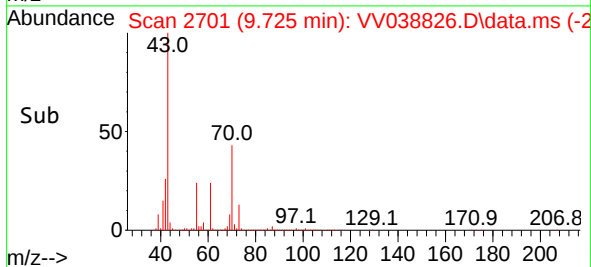
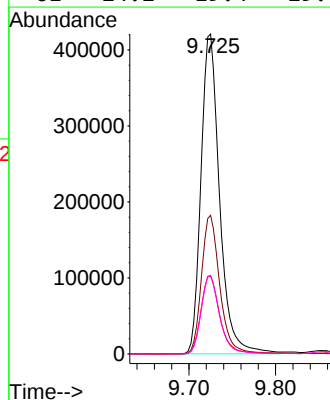
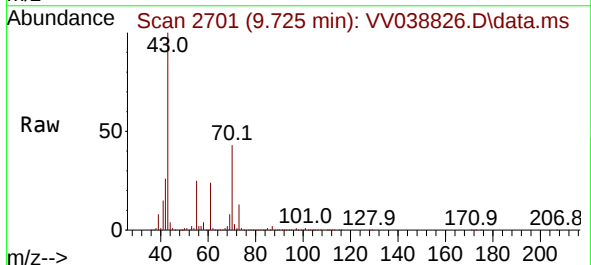
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

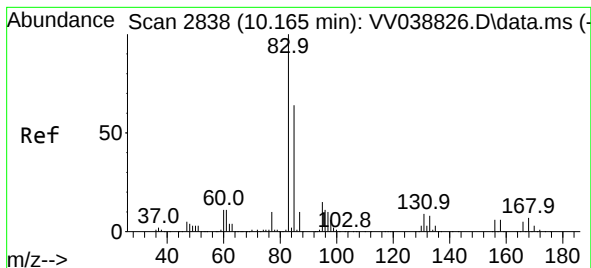
Tgt Ion:105 Resp: 1412412
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 53.786 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 43 Resp: 626804
Ion Ratio Lower Upper
43 100
70 43.0 34.4 51.6
55 25.0 20.0 30.0
61 24.2 19.4 29.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.020 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

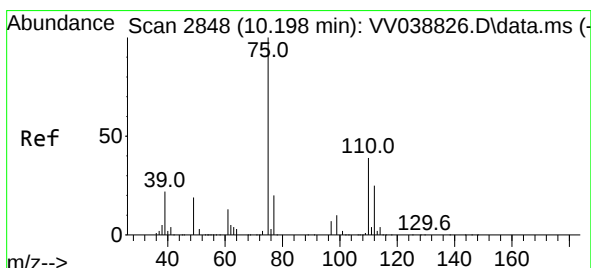
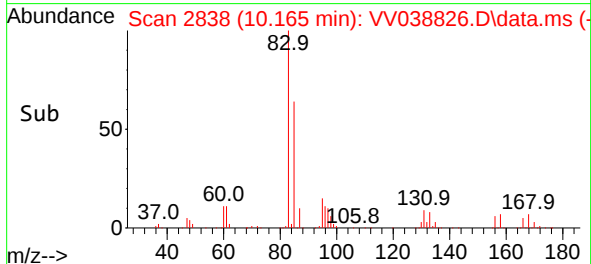
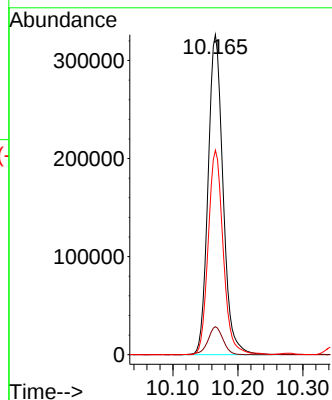
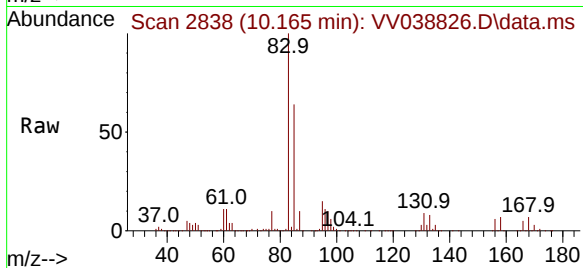
Tgt Ion: 83 Resp: 523274

Ion Ratio Lower Upper

83 100

131 8.9 4.5 13.4

85 64.1 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 49.749 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV038826.D

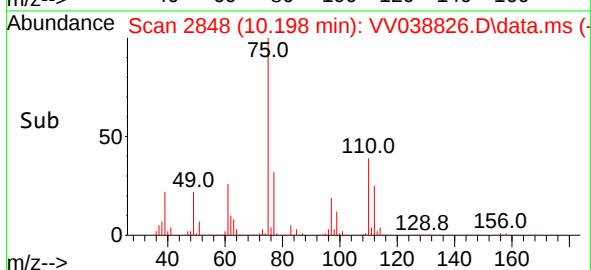
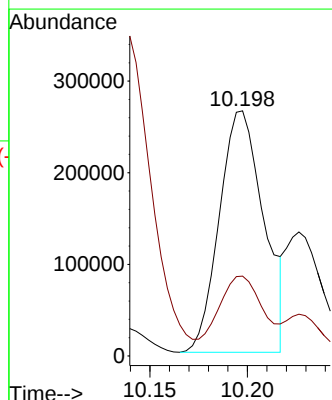
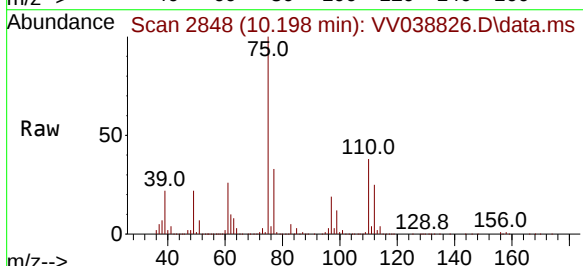
Acq: 27 Jun 2025 10:01

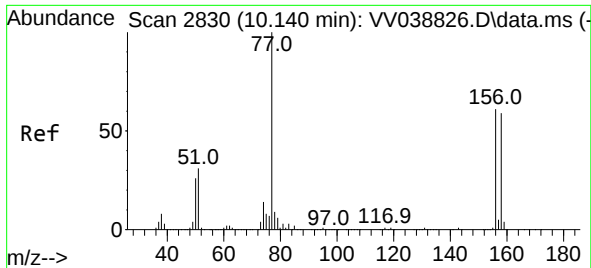
Tgt Ion: 75 Resp: 419227

Ion Ratio Lower Upper

75 100

77 34.7 17.3 52.0

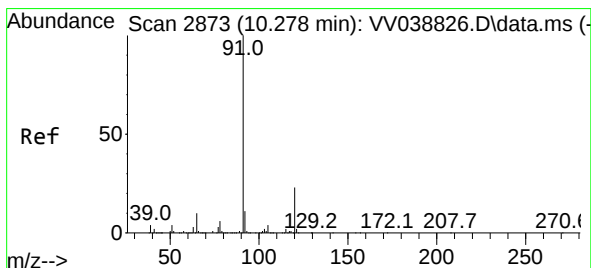
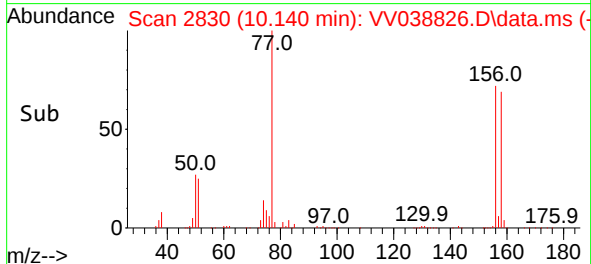
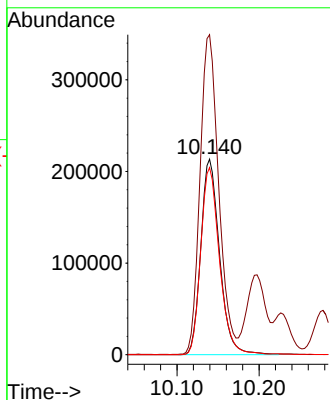
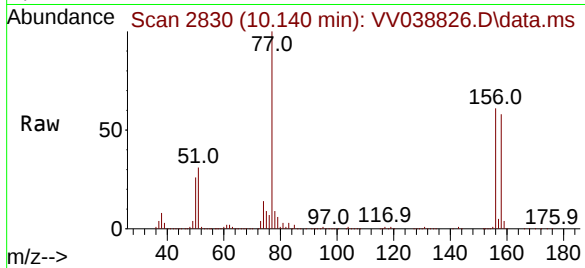




#77
Bromobenzene
Concen: 50.129 ug/l
RT: 10.140 min Scan# 2830
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

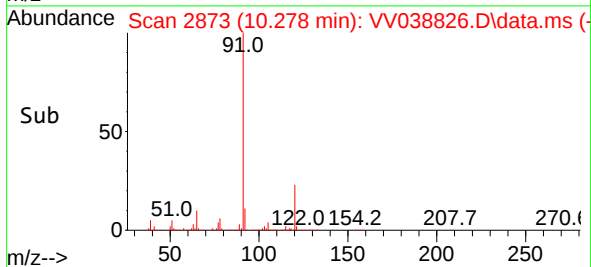
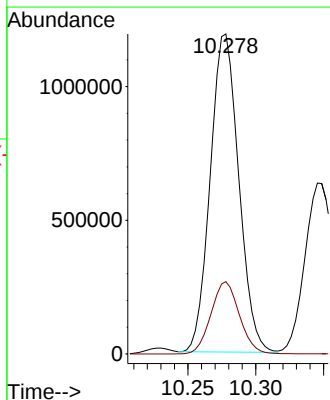
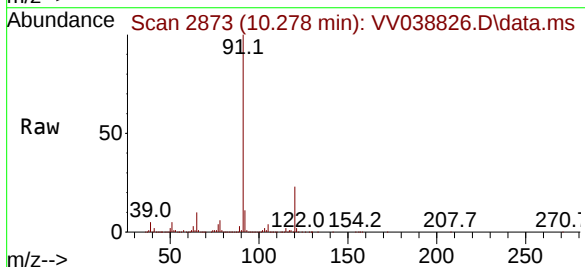
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

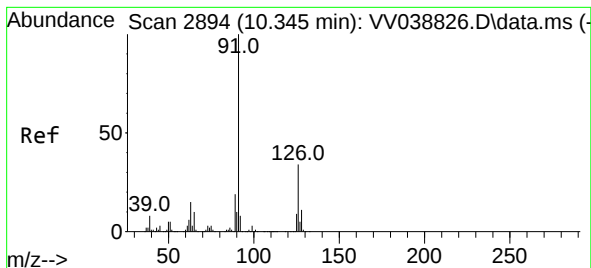
Tgt Ion:156 Resp: 337805
Ion Ratio Lower Upper
156 100
77 163.1 81.5 244.6
158 96.0 48.0 144.0



#78
n-propylbenzene
Concen: 53.840 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 91 Resp: 1740302
Ion Ratio Lower Upper
91 100
120 22.8 11.4 34.2





#79

2-Chlorotoluene

Concen: 51.712 ug/l

RT: 10.345 min Scan# 2894

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

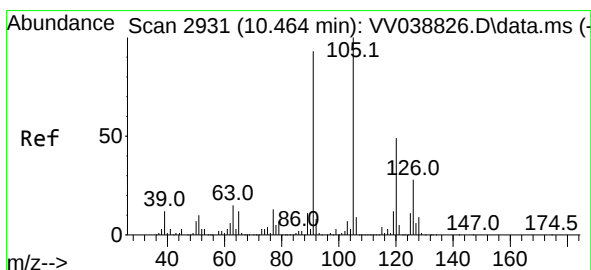
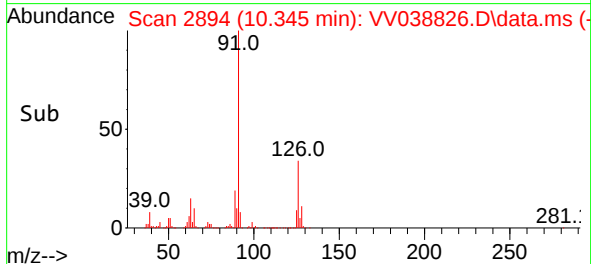
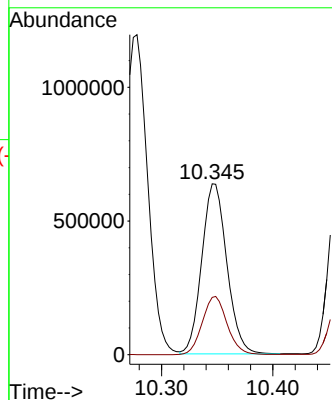
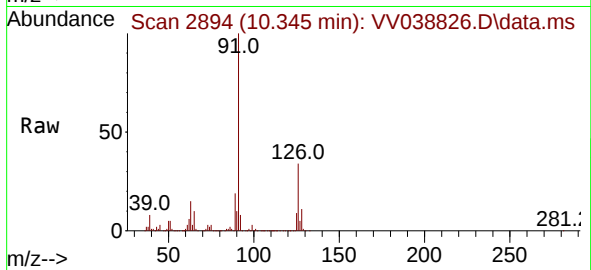
VSTDICCC050

Tgt Ion: 91 Resp: 994507

Ion Ratio Lower Upper

91 100

126 34.1 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 54.231 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV038826.D

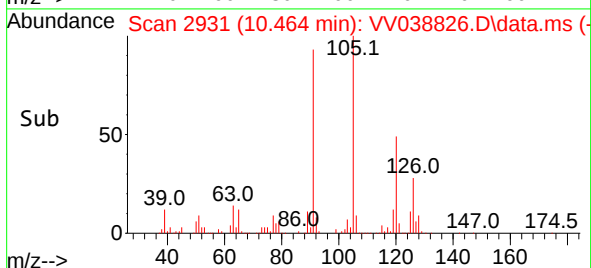
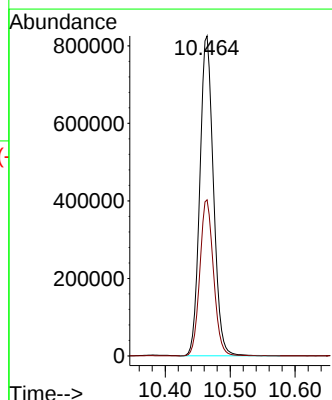
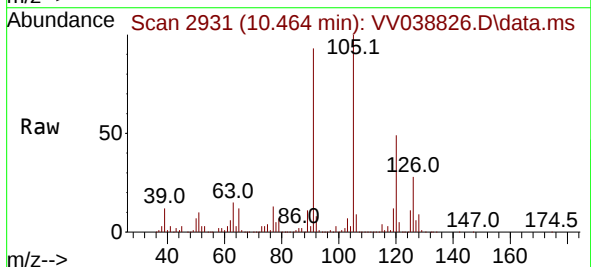
Acq: 27 Jun 2025 10:01

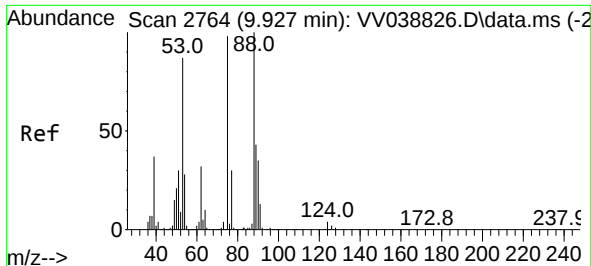
Tgt Ion:105 Resp: 1204473

Ion Ratio Lower Upper

105 100

120 49.1 24.6 73.6

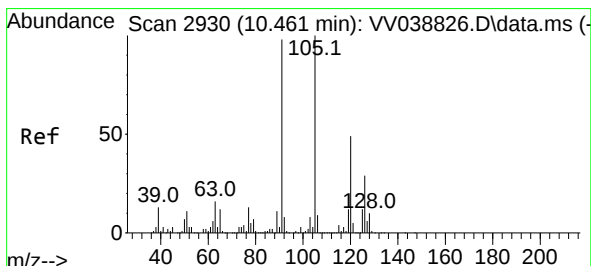
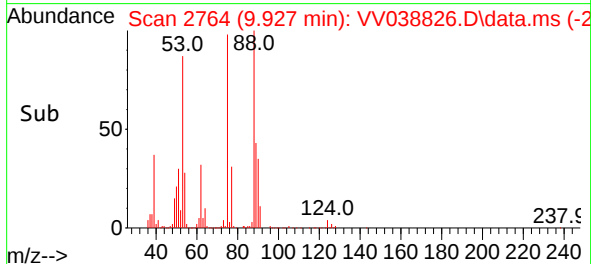
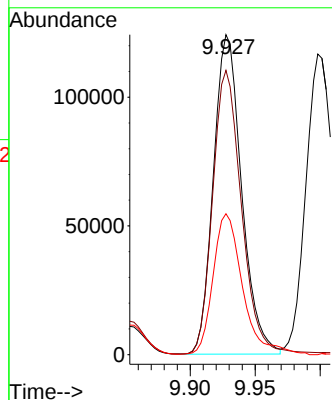
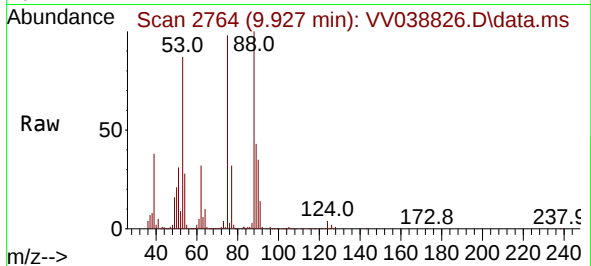




#81
trans-1,4-Dichloro-2-butene
Concen: 51.449 ug/l
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

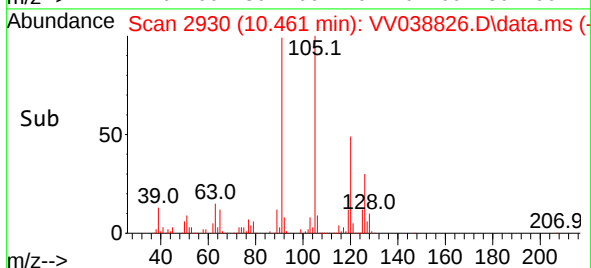
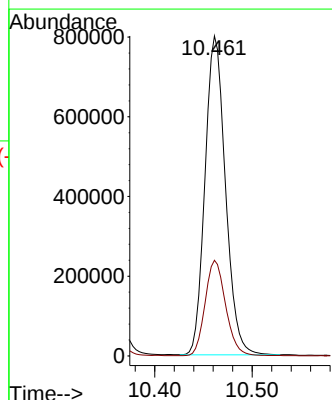
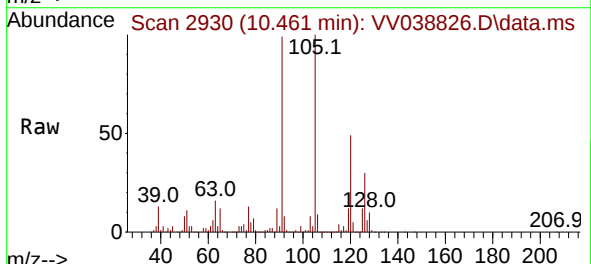
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

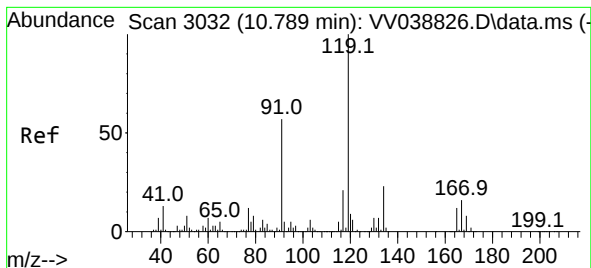
Tgt Ion: 75 Resp: 187215
Ion Ratio Lower Upper
75 100
53 90.8 72.6 109.0
89 46.3 37.0 55.6



#82
4-Chlorotoluene
Concen: 52.564 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 91 Resp: 1165492
Ion Ratio Lower Upper
91 100
126 30.2 15.1 45.3





#83

tert-Butylbenzene

Concen: 52.366 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

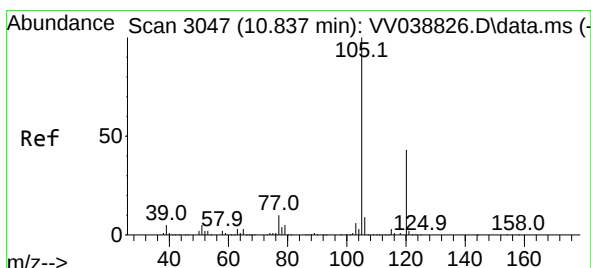
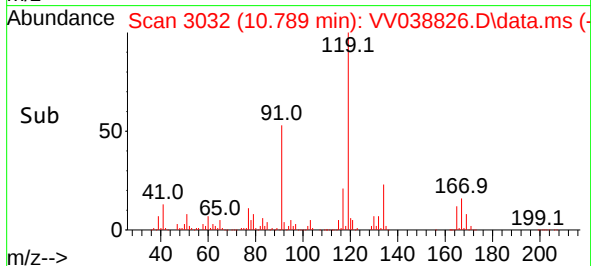
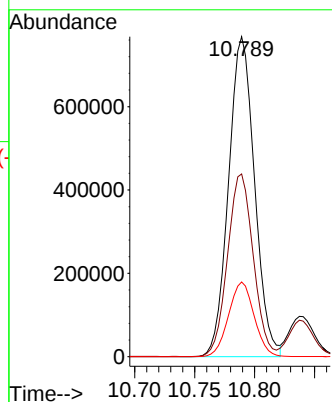
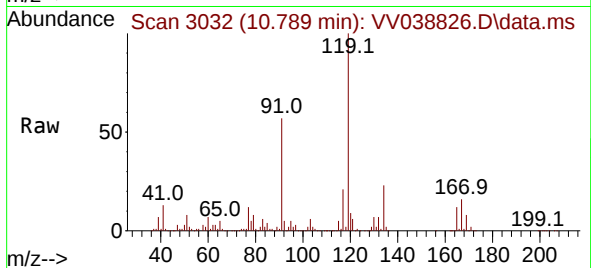
Tgt Ion:119 Resp: 1159746

Ion Ratio Lower Upper

119 100

91 56.4 28.2 84.6

134 23.0 11.5 34.5



#84

1,2,4-Trimethylbenzene

Concen: 55.351 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV038826.D

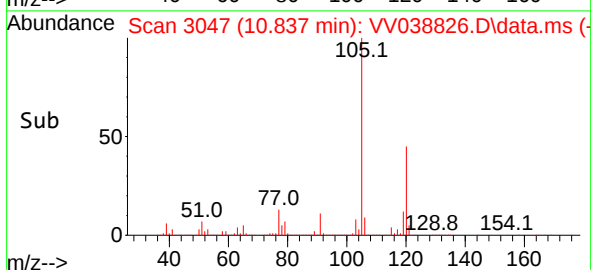
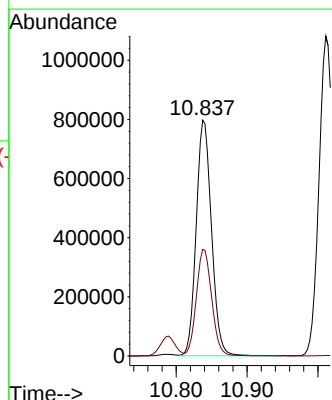
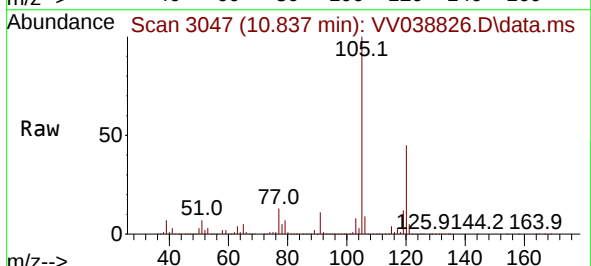
Acq: 27 Jun 2025 10:01

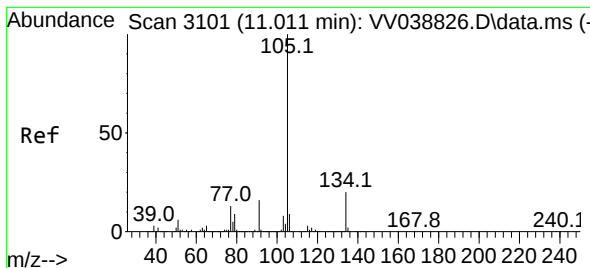
Tgt Ion:105 Resp: 1192059

Ion Ratio Lower Upper

105 100

120 45.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 53.920 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

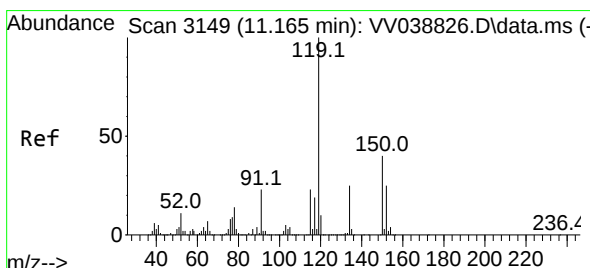
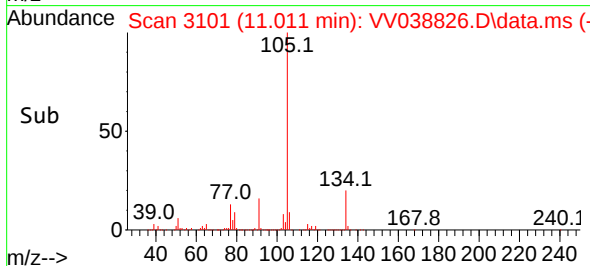
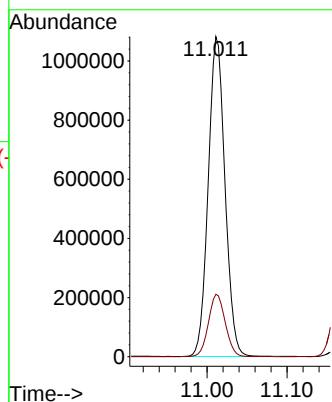
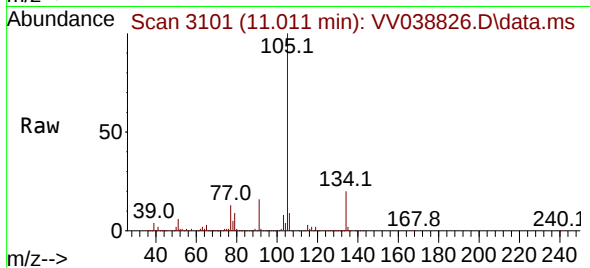
VSTDICCC050

Tgt Ion:105 Resp: 1575050

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.4



#86

p-Isopropyltoluene

Concen: 53.208 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

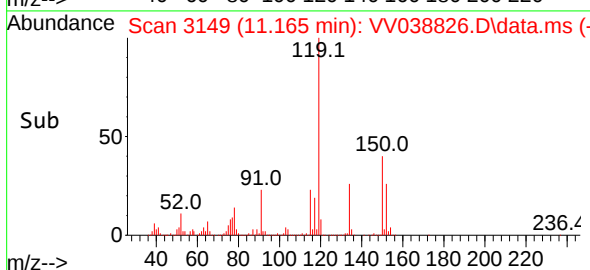
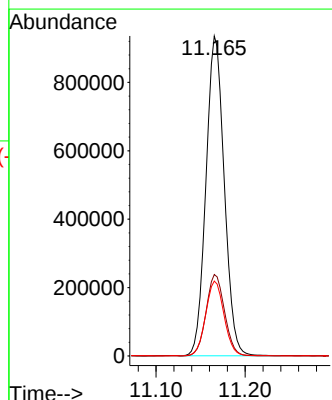
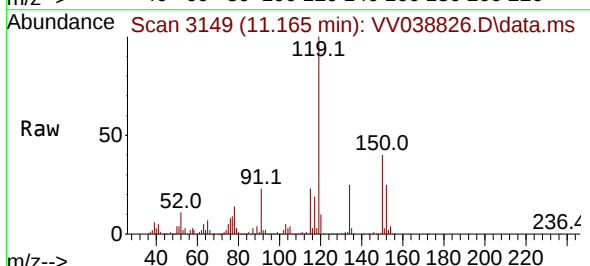
Tgt Ion:119 Resp: 1327964

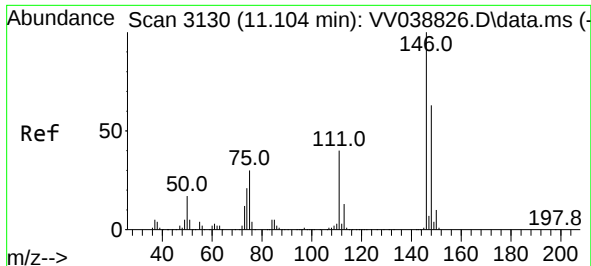
Ion Ratio Lower Upper

119 100

134 25.7 12.9 38.6

91 23.5 11.8 35.3

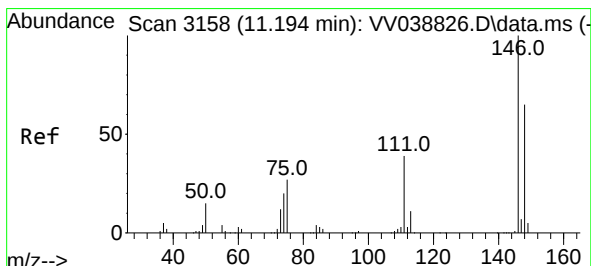
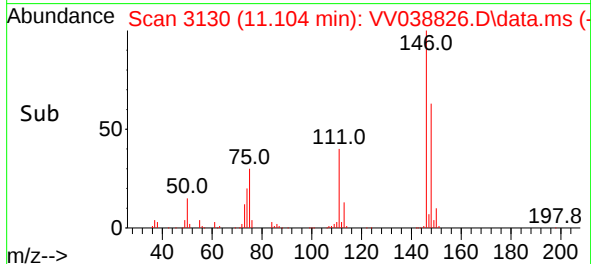
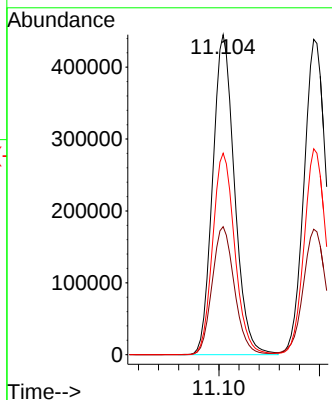
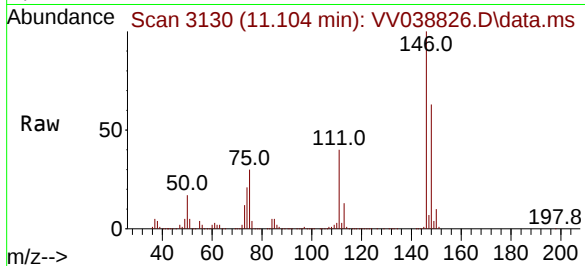




#87
1,3-Dichlorobenzene
Concen: 49.095 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

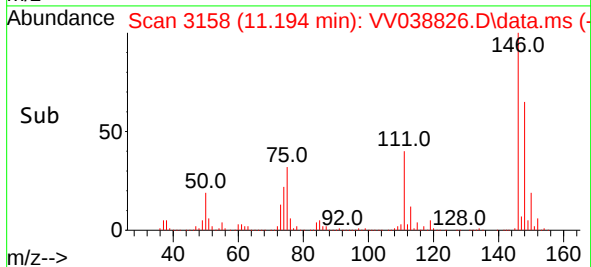
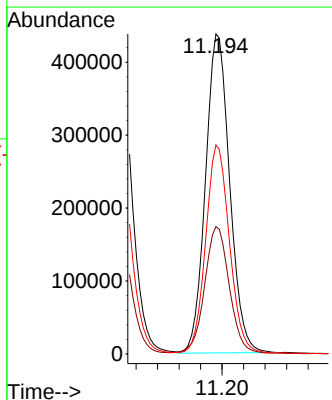
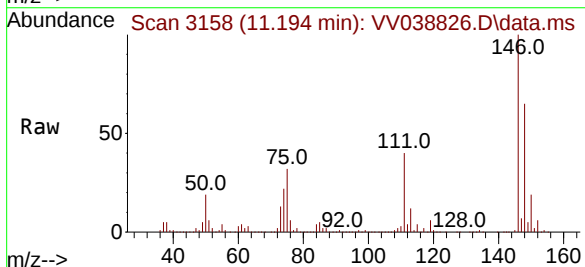
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

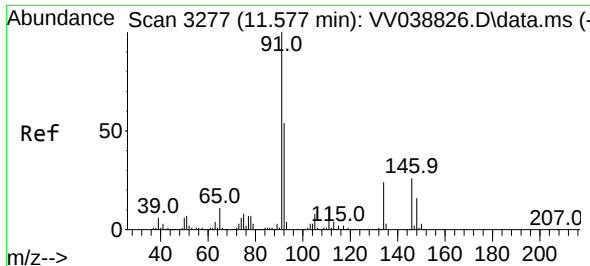
Tgt Ion:146 Resp: 673396
Ion Ratio Lower Upper
146 100
111 40.6 20.3 60.9
148 63.6 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 46.021 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion:146 Resp: 683728
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.5
148 64.6 32.3 96.9

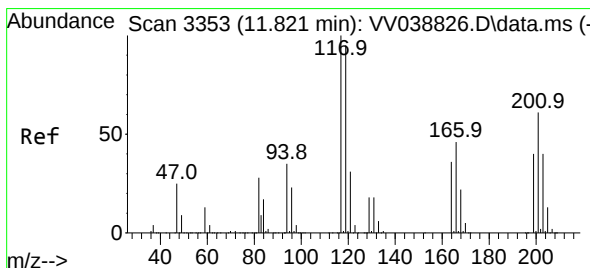
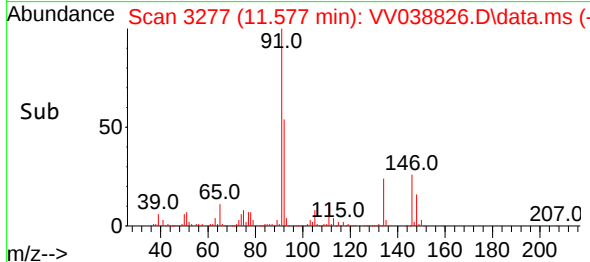
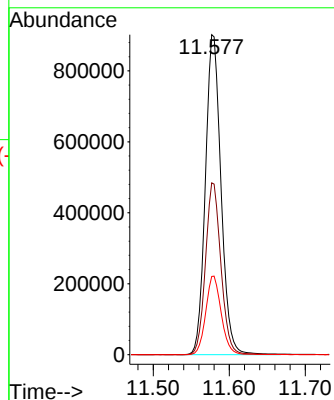
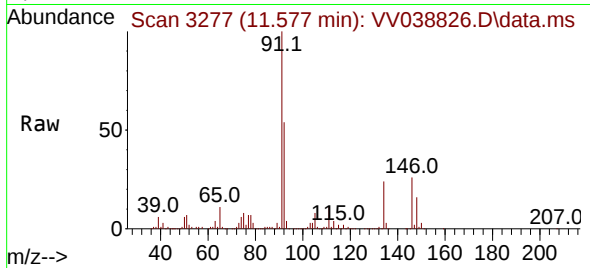




#89
n-Butylbenzene
Concen: 53.229 ug/l
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

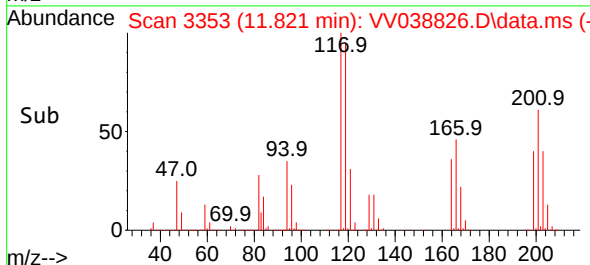
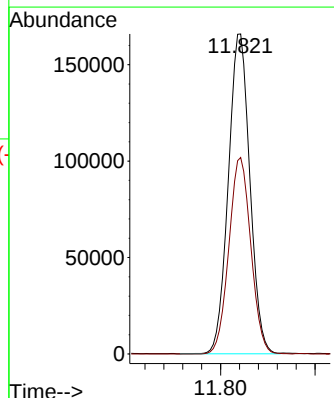
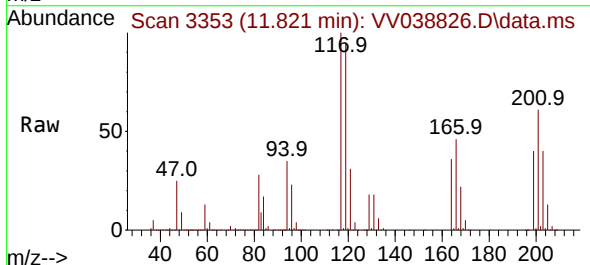
Instrument :
MSVOA_V
ClientSampleId :
VSTDICCC050

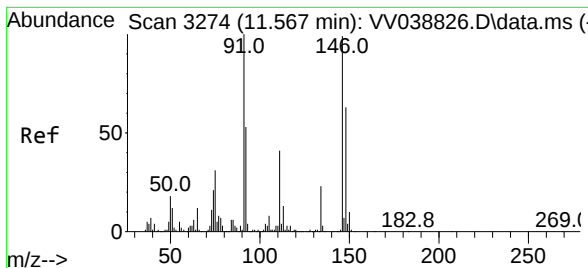
Tgt Ion: 91 Resp: 1286690
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 24.5 12.3 36.8



#90
Hexachloroethane
Concen: 47.640 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. 0.000 min
Lab File: VV038826.D
Acq: 27 Jun 2025 10:01

Tgt Ion: 117 Resp: 261762
Ion Ratio Lower Upper
117 100
201 62.7 31.4 94.0





#91

1,2-Dichlorobenzene

Concen: 47.850 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

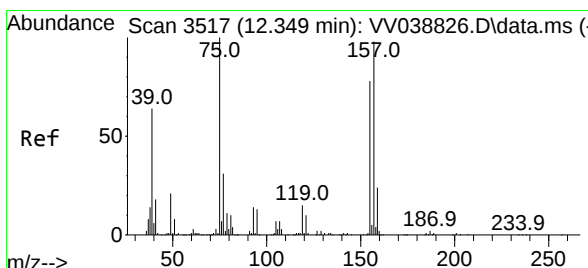
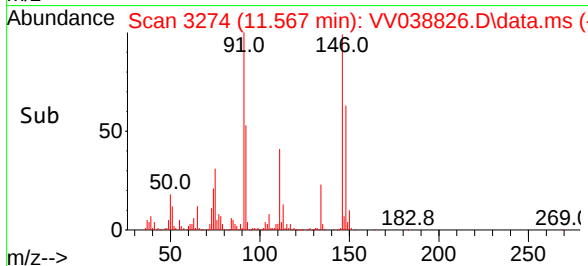
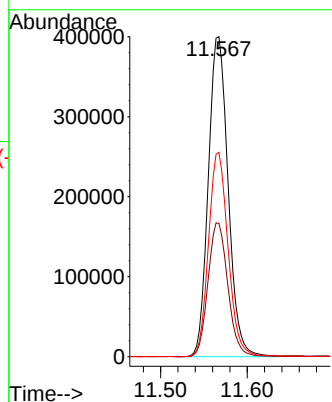
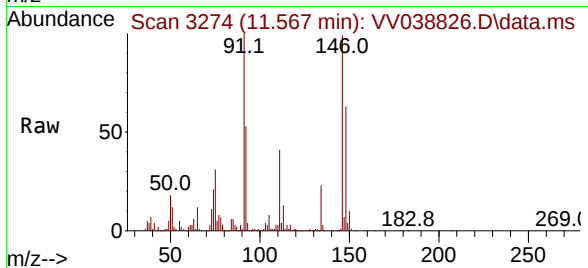
Tgt Ion:146 Resp: 636273

Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

148 63.2 31.6 94.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.233 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

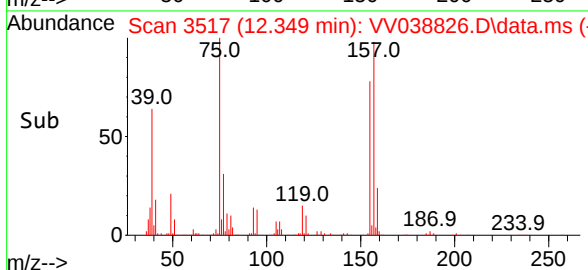
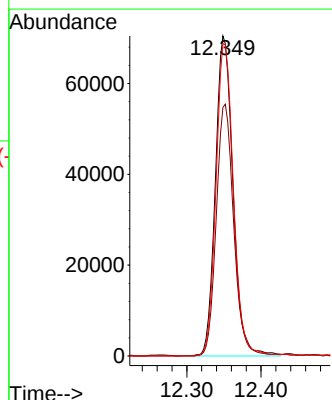
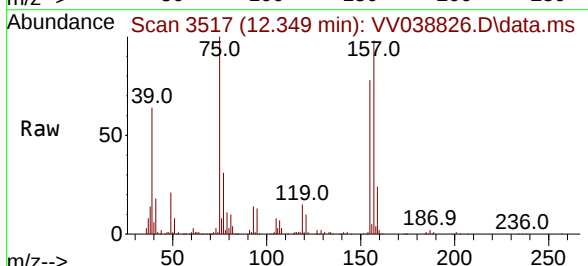
Tgt Ion: 75 Resp: 116158

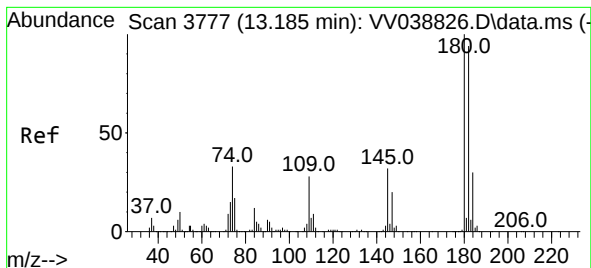
Ion Ratio Lower Upper

75 100

155 77.9 39.0 116.9

157 96.5 48.3 144.8





#93

1,2,4-Trichlorobenzene

Concen: 51.715 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

MSVOA_V

ClientSampleId :

VSTDICCC050

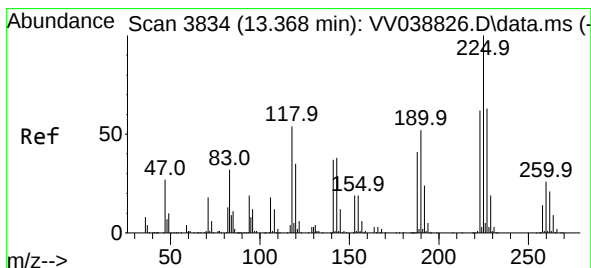
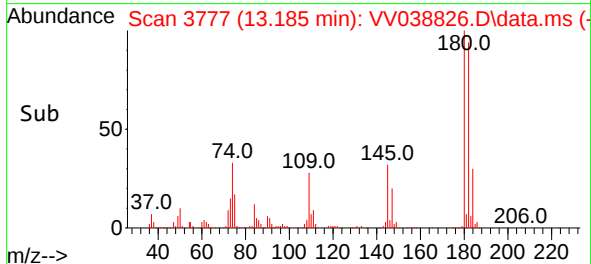
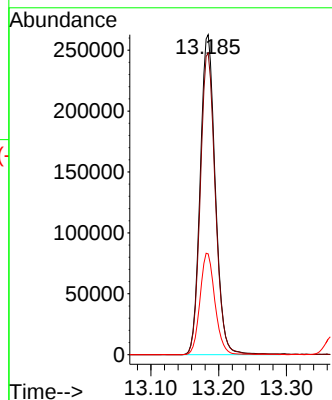
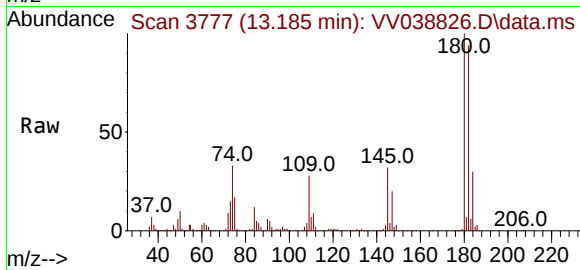
Tgt Ion:180 Resp: 405704

Ion Ratio Lower Upper

180 100

182 93.7 46.9 140.6

145 31.5 15.8 47.3



#94

Hexachlorobutadiene

Concen: 47.113 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

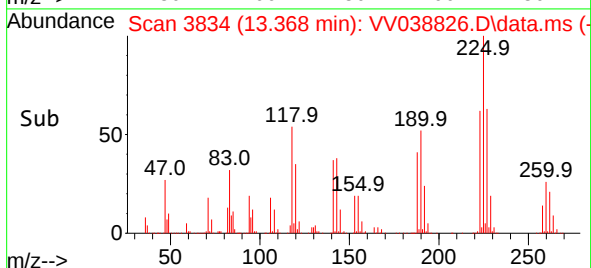
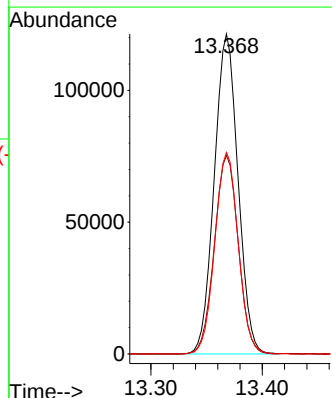
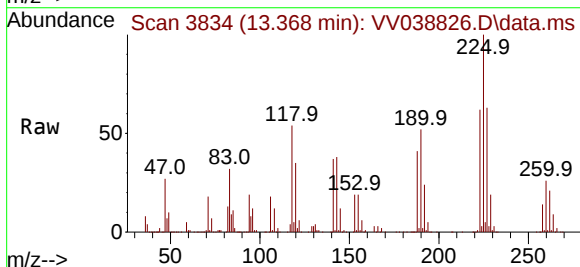
Tgt Ion:225 Resp: 179744

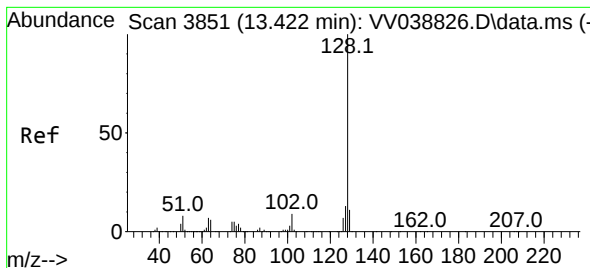
Ion Ratio Lower Upper

225 100

223 62.5 31.3 93.8

227 62.0 31.0 93.0





#95

Naphthalene

Concen: 47.020 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Instrument :

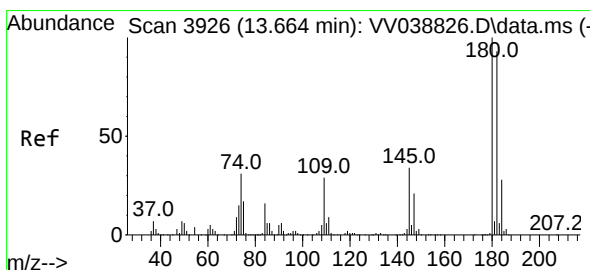
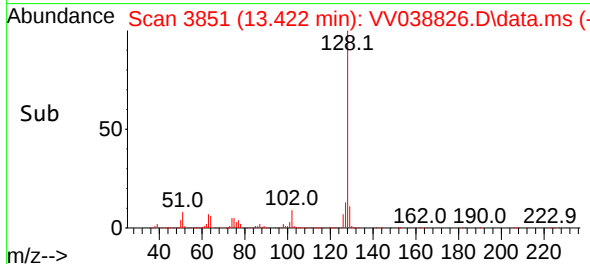
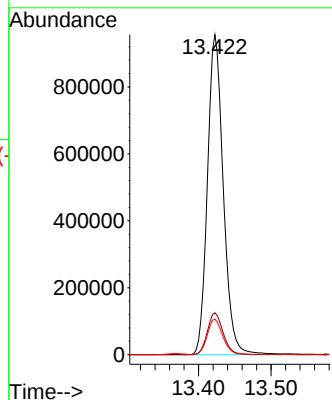
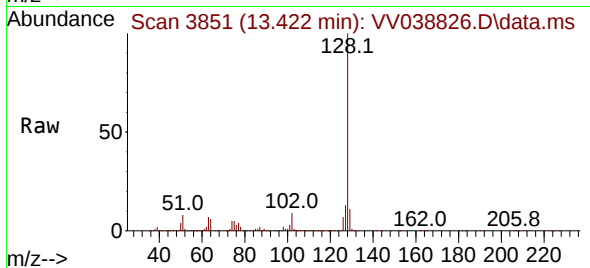
MSVOA_V

ClientSampleId :

VSTDICCC050

Tgt Ion:128 Resp: 1453766

Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.8	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.827 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. 0.000 min

Lab File: VV038826.D

Acq: 27 Jun 2025 10:01

Tgt Ion:180 Resp: 417674

Ion	Ratio	Lower	Upper
180	100		
182	94.5	47.3	141.8
145	33.9	17.0	50.9

