

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071525\
 Data File : VV038893.D
 Acq On : 15 Jul 2025 10:32
 Operator : SY/MD
 Sample : VV0715WBS01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0715WBS01

Quant Time: Jul 16 01:23:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 16 01:18:54 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	434255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	710085	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	700732	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	411155	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	273406	51.529	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 103.060%	
35) Dibromofluoromethane	4.500	113	243476	50.291	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 100.580%	
50) Toluene-d8	7.236	98	738396	50.457	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 100.920%	
62) 4-Bromofluorobenzene	10.001	95	328929	55.797	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 111.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	65132	17.070	ug/l	97
3) Chloromethane	1.230	50	65340	15.858	ug/l	99
4) Vinyl Chloride	1.298	62	78406	16.626	ug/l	100
5) Bromomethane	1.497	94	66121	18.699	ug/l	98
6) Chloroethane	1.561	64	56264	17.850	ug/l	94
7) Trichlorofluoromethane	1.725	101	153373	18.381	ug/l	99
8) Diethyl Ether	1.918	74	58554	19.514	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.082	101	95116	19.064	ug/l	98
10) Methyl Iodide	2.198	142	94488	16.496	ug/l	97
11) Tert butyl alcohol	2.568	59	129324	105.869	ug/l	99
12) 1,1-Dichloroethene	2.085	96	79794	17.552	ug/l	95
13) Acrolein	2.011	56	20251	114.638	ug/l	94
14) Allyl chloride	2.359	41	136954	18.909	ug/l	99
15) Acrylonitrile	2.674	53	313921	100.425	ug/l	99
16) Acetone	2.121	43	242083	105.439	ug/l	99
17) Carbon Disulfide	2.252	76	132266	13.945	ug/l	97
18) Methyl Acetate	2.381	43	179545	23.113	ug/l	98
19) Methyl tert-butyl Ether	2.712	73	343655	20.162	ug/l	99
20) Methylene Chloride	2.458	84	107406	18.440	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	84098	17.386	ug/l	97
22) Diisopropyl ether	3.217	45	314838	21.755	ug/l	98
23) Vinyl Acetate	3.191	43	1160266	102.251	ug/l	100
24) 1,1-Dichloroethane	3.117	63	189827	20.029	ug/l	99
25) 2-Butanone	3.870	43	345093	104.865	ug/l	97
26) 2,2-Dichloropropane	3.812	77	170837	20.588	ug/l	98
27) cis-1,2-Dichloroethene	3.822	96	107635	19.379	ug/l	98
28) Bromochloromethane	4.149	49	82788	22.568	ug/l	99
29) Tetrahydrofuran	4.240	42	226709	104.527	ug/l	96
30) Chloroform	4.281	83	213117	20.396	ug/l	100
31) Cyclohexane	4.584	56	109086	17.536	ug/l	96
32) 1,1,1-Trichloroethane	4.513	97	181561	19.915	ug/l	99
36) 1,1-Dichloropropene	4.744	75	108950	19.581	ug/l	99
37) Ethyl Acetate	3.986	43	129332	19.742	ug/l	98
38) Carbon Tetrachloride	4.735	117	143175	19.372	ug/l	99
39) Methylcyclohexane	6.047	83	112312	17.107	ug/l	97
40) Benzene	5.011	78	373421	19.798	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	61053	20.307	ug/l	97
42) 1,2-Dichloroethane	5.043	62	142874	19.873	ug/l	98
43) Isopropyl Acetate	5.194	43	210415	20.309	ug/l	98
44) Trichloroethene	5.834	130	91798	18.625	ug/l	95
45) 1,2-Dichloropropane	6.092	63	101640	20.400	ug/l	97
46) Dibromomethane	6.230	93	74205	19.249	ug/l	98
47) Bromodichloromethane	6.429	83	166380	20.336	ug/l	99
48) Methyl methacrylate	6.301	41	87545	19.470	ug/l	98
49) 1,4-Dioxane	6.291	88	36363	375.353	ug/l	96
51) 4-Methyl-2-Pentanone	7.149	43	779004	110.424	ug/l	97
52) Toluene	7.310	92	239311	20.140	ug/l	99
53) t-1,3-Dichloropropene	7.577	75	150530	20.334	ug/l	100
54) cis-1,3-Dichloropropene	6.950	75	164204	20.519	ug/l	98
55) 1,1,2-Trichloroethane	7.763	97	116591	20.529	ug/l	98
56) Ethyl methacrylate	7.718	69	140061	20.753	ug/l	98
57) 1,3-Dichloropropane	7.934	76	176146	20.685	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	468744	115.087	ug/l	99
59) 2-Hexanone	8.066	43	549486	104.634	ug/l	99
60) Dibromochloromethane	8.169	129	137907	20.619	ug/l	98
61) 1,2-Dibromoethane	8.275	107	114328	19.981	ug/l	100
64) Tetrachloroethene	7.899	164	81610	17.758	ug/l	99
65) Chlorobenzene	8.805	112	292089	19.077	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	119534	19.576	ug/l	99
67) Ethyl Benzene	8.937	91	445377	19.590	ug/l	98
68) m/p-Xylenes	9.062	106	351001	39.654	ug/l	97
69) o-Xylene	9.468	106	164510	19.691	ug/l	97
70) Styrene	9.487	104	307113	20.799	ug/l	99
71) Bromoform	9.654	173	97482	19.641	ug/l	97
73) Isopropylbenzene	9.857	105	482949	19.658	ug/l	100
74) N-amyl acetate	9.725	43	177801	19.757	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.165	83	198720	19.312	ug/l	100
76) 1,2,3-Trichloropropane	10.197	75	148379	19.410	ug/l	77
77) Bromobenzene	10.143	156	125816	19.523	ug/l	99
78) n-propylbenzene	10.278	91	573108	19.960	ug/l	98
79) 2-Chlorotoluene	10.349	91	353369	19.352	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	415120	20.037	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.931	75	60861	19.428	ug/l	99
82) 4-Chlorotoluene	10.464	91	409966	20.085	ug/l	99
83) tert-Butylbenzene	10.789	119	410772	18.911	ug/l	99
84) 1,2,4-Trimethylbenzene	10.841	105	408651	20.046	ug/l	99
85) sec-Butylbenzene	11.011	105	544129	19.628	ug/l	100
86) p-Isopropyltoluene	11.169	119	469890	19.964	ug/l	99
87) 1,3-Dichlorobenzene	11.107	146	252393	19.188	ug/l	99
88) 1,4-Dichlorobenzene	11.197	146	272803	19.065	ug/l	98
89) n-Butylbenzene	11.580	91	429605	19.994	ug/l	99
90) Hexachloroethane	11.821	117	101234	18.084	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	247938	19.417	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.352	75	41980	18.044	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	149237	19.799	ug/l	99
94) Hexachlorobutadiene	13.368	225	72202	18.601	ug/l	99
95) Naphthalene	13.426	128	484963	19.582	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	155902	19.955	ug/l	99

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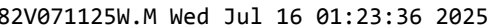
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ClientSampleId :
VV0715WBS01

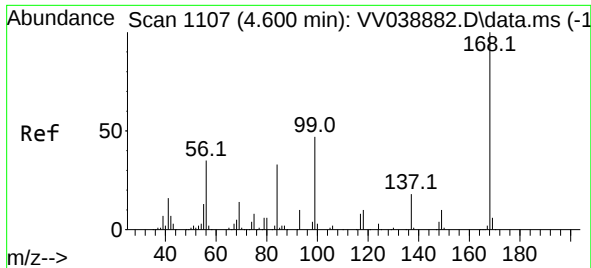
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Quant Title : SW846 8260
QLast Update : Wed Jul 16 01:18:54 2025
Response via : Initial Calibration

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

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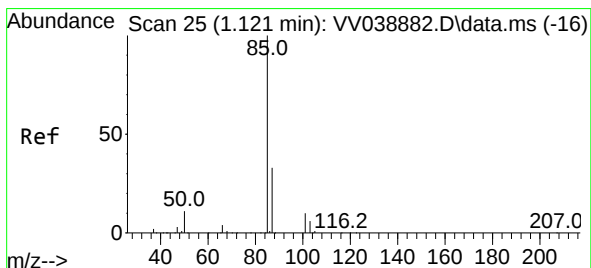
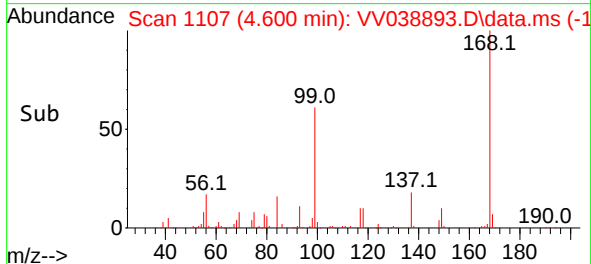
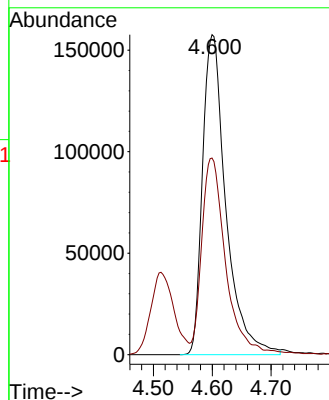
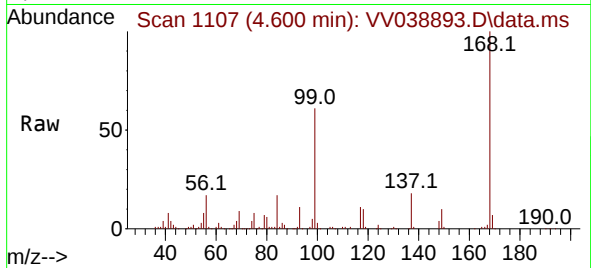




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038893.D
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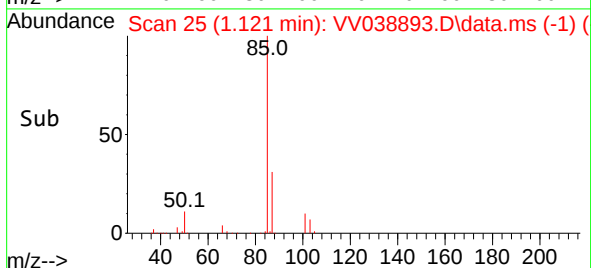
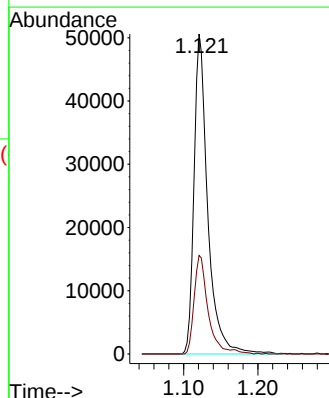
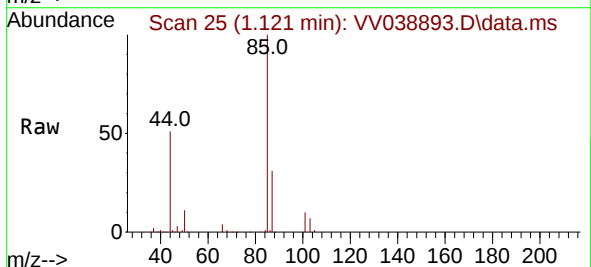
Instrument :
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ClientSampleId :
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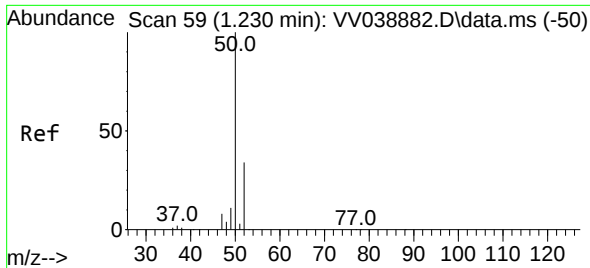
Tgt Ion:168 Resp: 434255
Ion Ratio Lower Upper
168 100
99 60.6 48.6 73.0



#2
Dichlorodifluoromethane
Concen: 17.070 ug/l
RT: 1.121 min Scan# 25
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 85 Resp: 65132
Ion Ratio Lower Upper
85 100
87 30.8 16.3 48.8

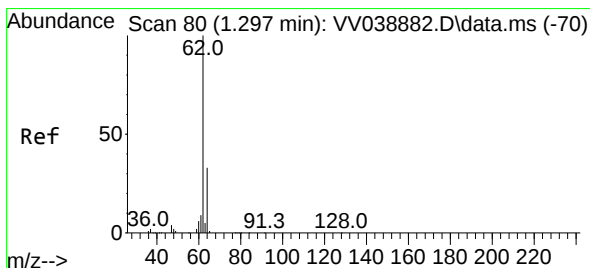
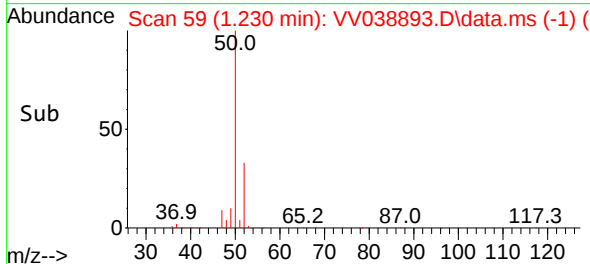
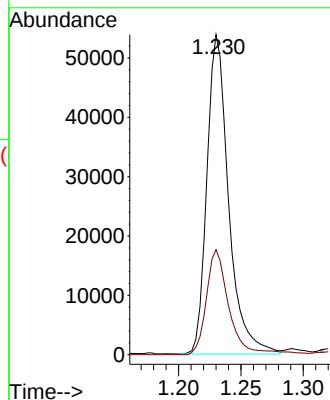
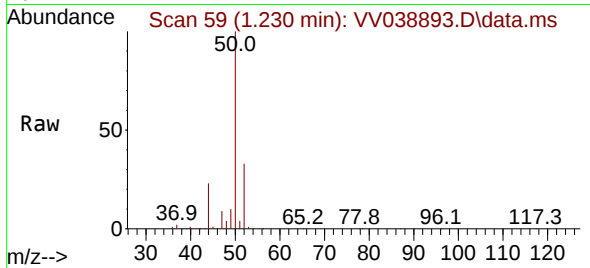




#3
Chloromethane
Concen: 15.858 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

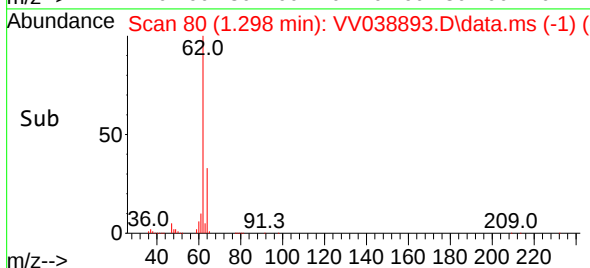
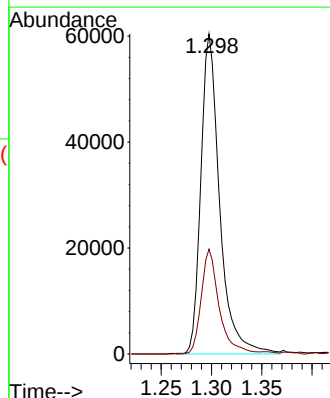
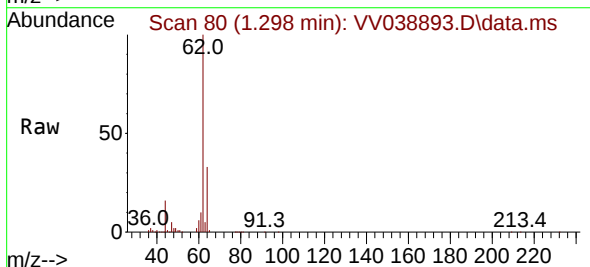
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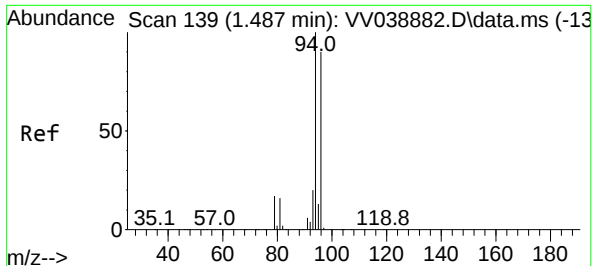
Tgt Ion: 50 Resp: 65340
Ion Ratio Lower Upper
50 100
52 32.9 26.9 40.3



#4
Vinyl Chloride
Concen: 16.626 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.001 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 62 Resp: 78406
Ion Ratio Lower Upper
62 100
64 32.5 26.2 39.2

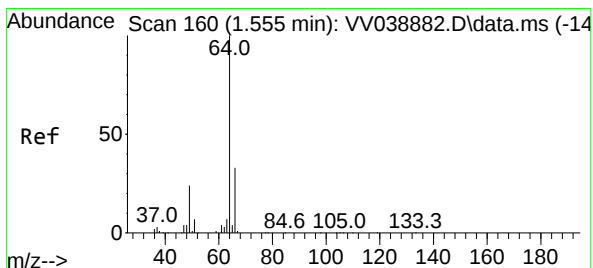
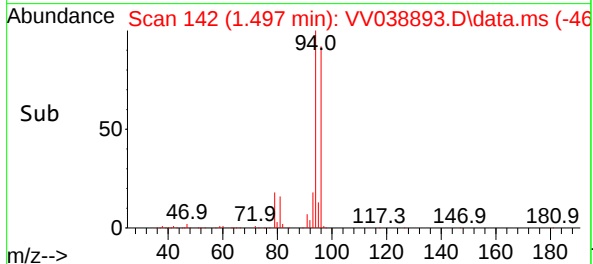
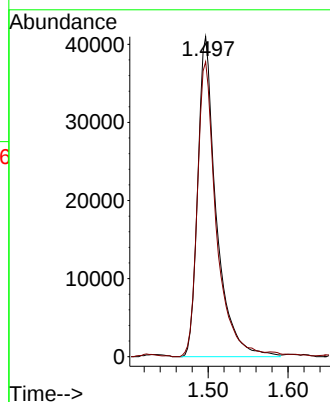
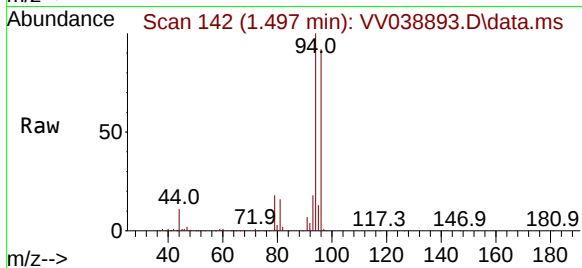




#5
Bromomethane
Concen: 18.699 ug/l
RT: 1.497 min Scan# 14
Delta R.T. 0.010 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

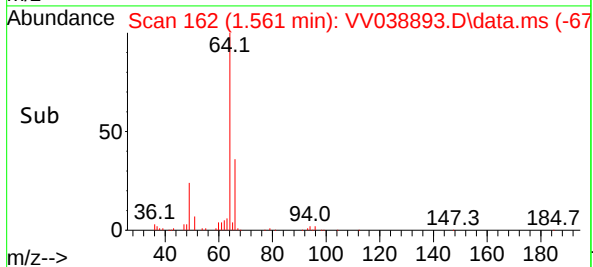
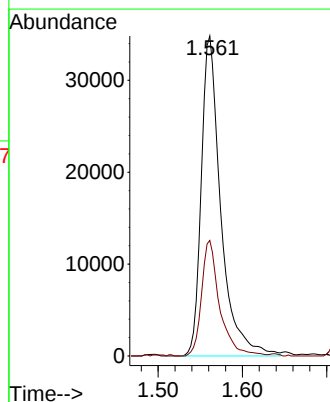
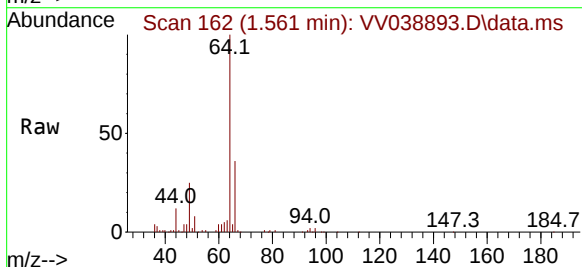
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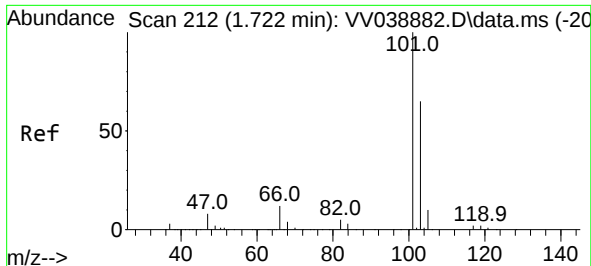
Tgt Ion: 94 Resp: 66121
Ion Ratio Lower Upper
94 100
96 92.2 71.9 107.9



#6
Chloroethane
Concen: 17.850 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.006 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 64 Resp: 56264
Ion Ratio Lower Upper
64 100
66 36.1 26.2 39.2

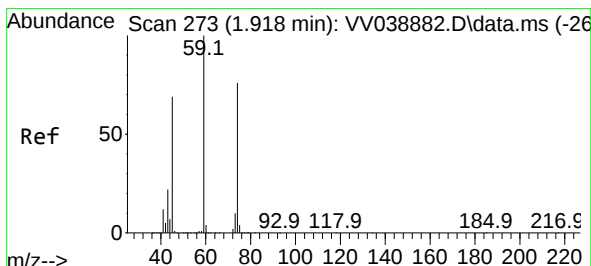
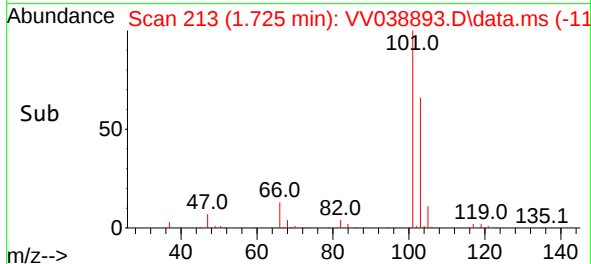
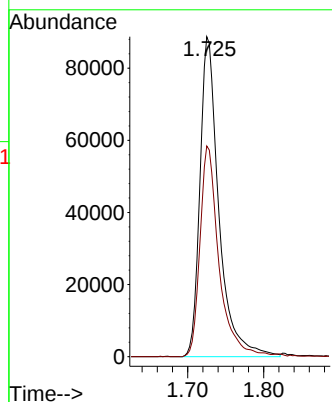
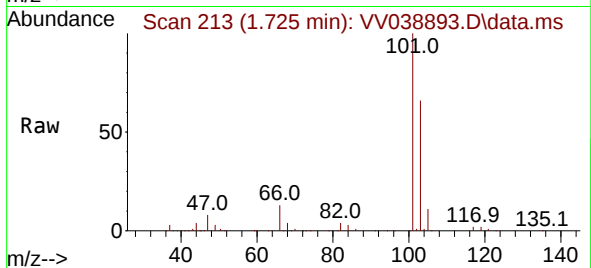




#7
Trichlorofluoromethane
Concen: 18.381 ug/l
RT: 1.725 min Scan# 212
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

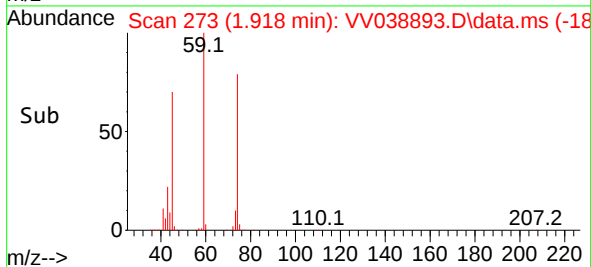
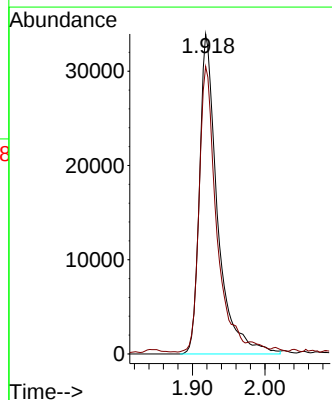
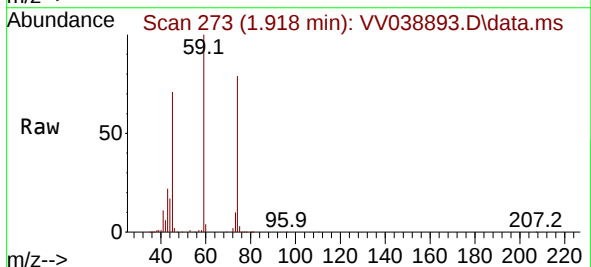
Instrument :
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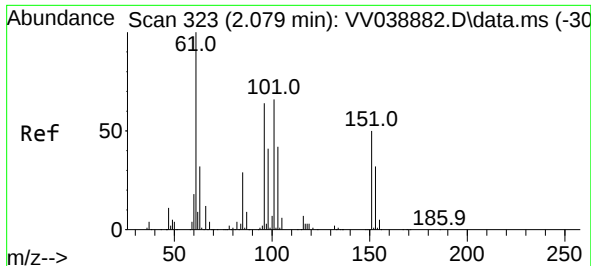
Tgt Ion:101 Resp: 153373
Ion Ratio Lower Upper
101 100
103 65.9 51.8 77.6



#8
Diethyl Ether
Concen: 19.514 ug/l
RT: 1.918 min Scan# 273
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 74 Resp: 58554
Ion Ratio Lower Upper
74 100
45 85.0 45.5 136.5

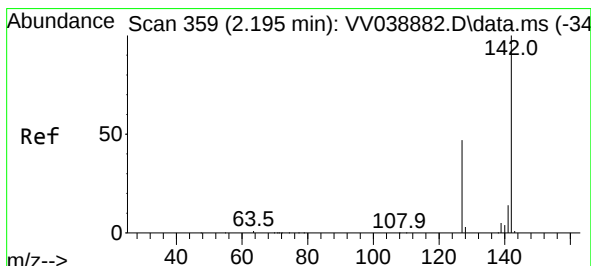
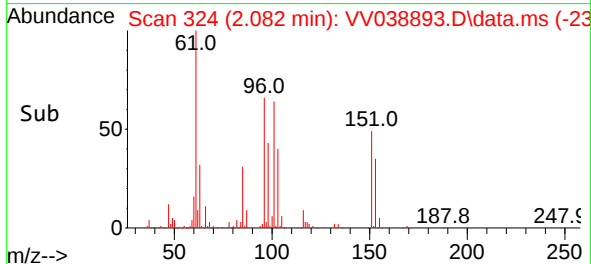
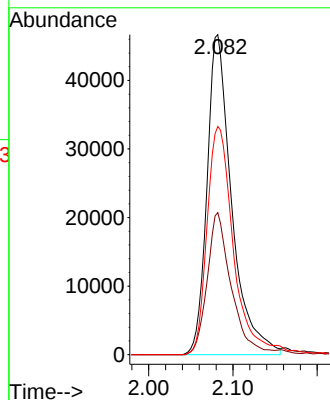
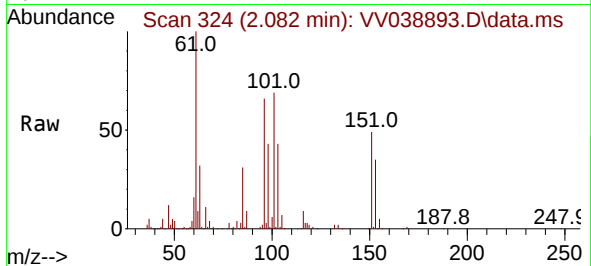




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.064 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

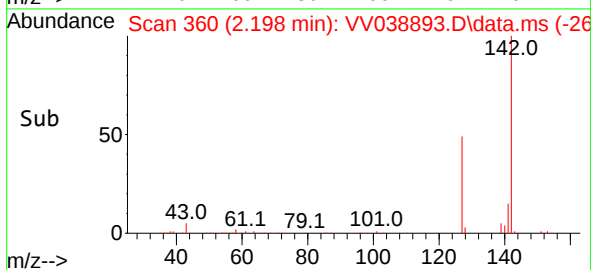
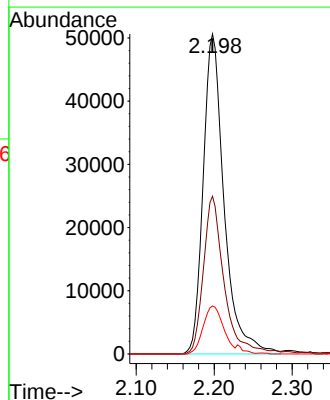
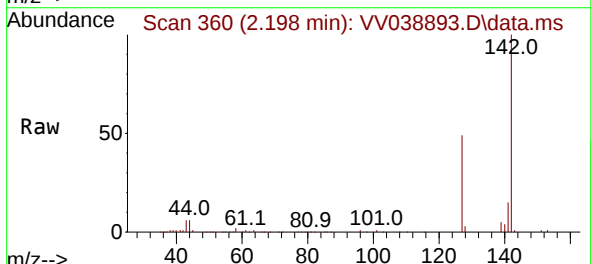
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

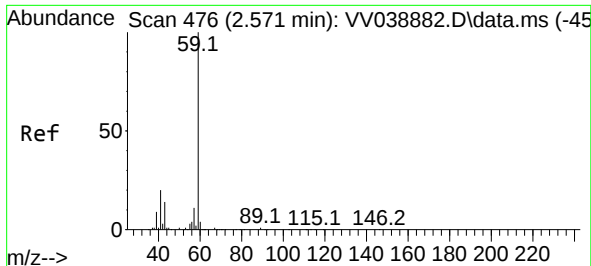
Tgt Ion:101 Resp: 95116
Ion Ratio Lower Upper
101 100
85 43.3 35.0 52.6
151 76.9 60.1 90.1



#10
Methyl Iodide
Concen: 16.496 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion:142 Resp: 94488
Ion Ratio Lower Upper
142 100
127 48.7 37.3 55.9
141 14.5 11.2 16.8

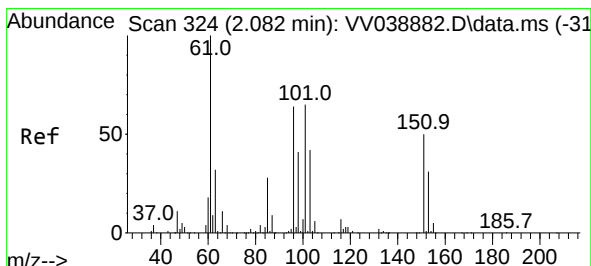
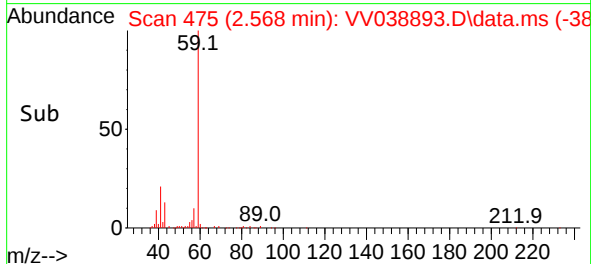
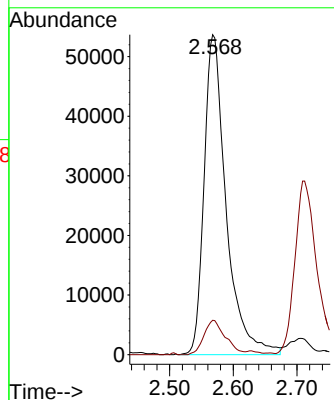
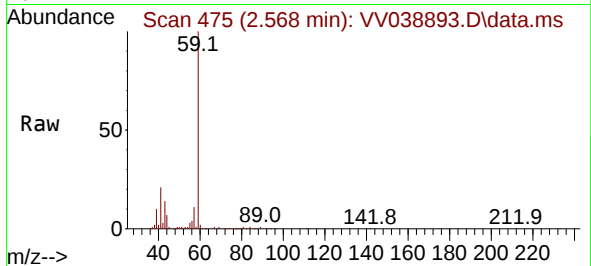




#11
Tert butyl alcohol
Concen: 105.869 ug/l
RT: 2.568 min Scan# 411
Delta R.T. -0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

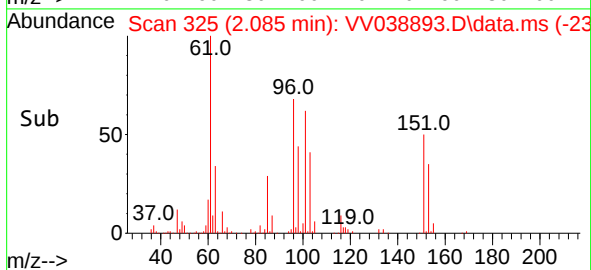
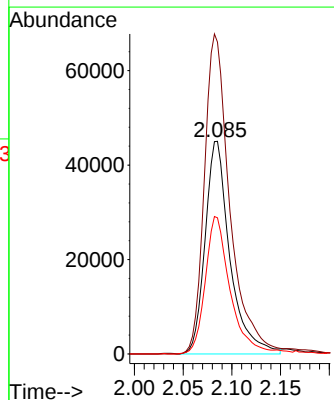
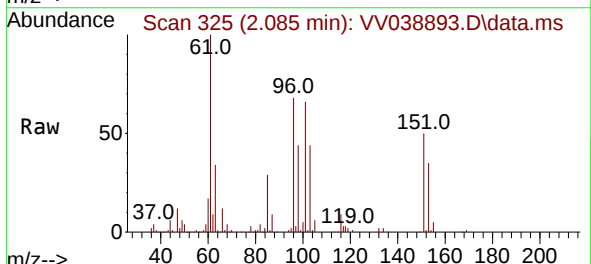
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

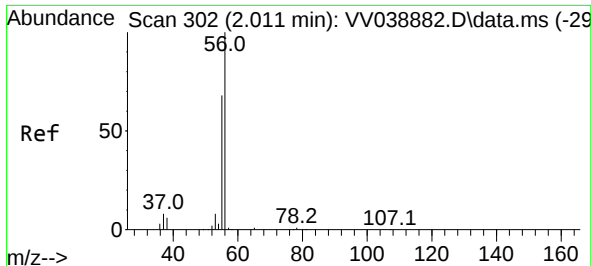
Tgt Ion: 59 Resp: 129324
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8



#12
1,1-Dichloroethene
Concen: 17.552 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 96 Resp: 79794
Ion Ratio Lower Upper
96 100
61 146.7 124.1 186.1
98 63.8 50.6 75.8

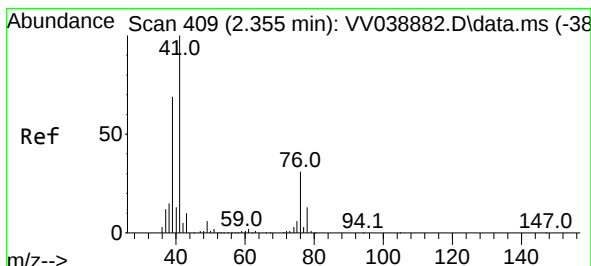
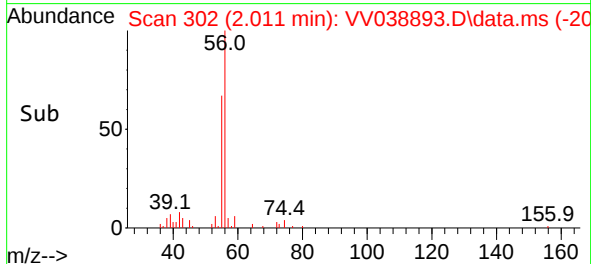
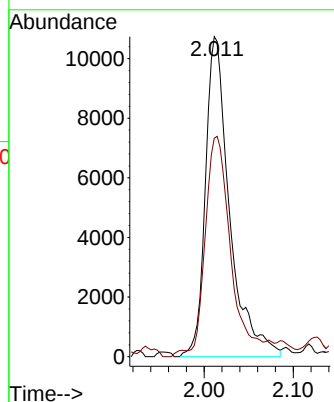
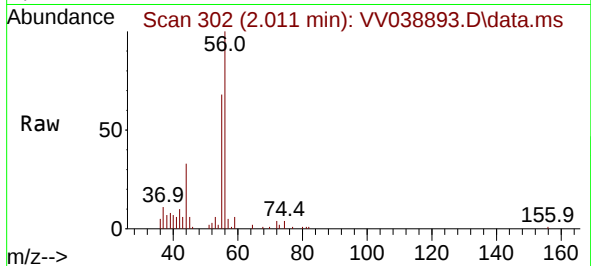




#13
Acrolein
Concen: 114.638 ug/l
RT: 2.011 min Scan# 302
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

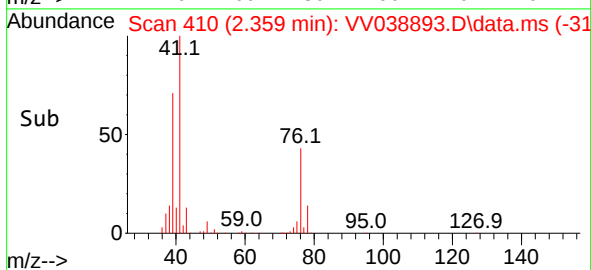
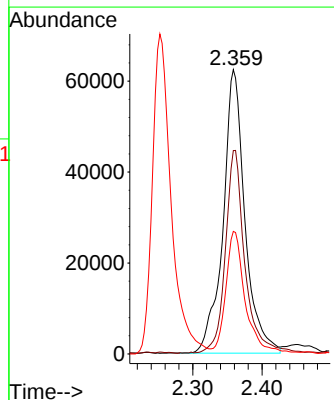
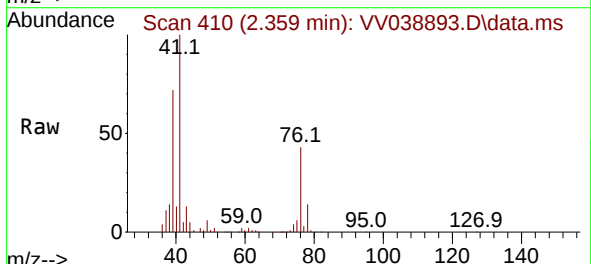
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

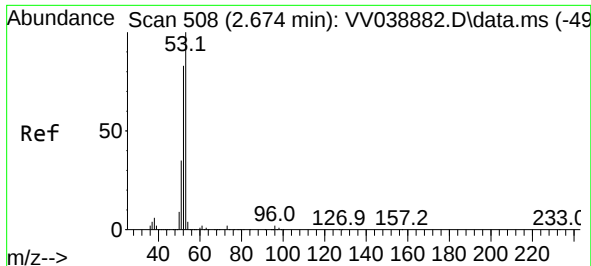
Tgt Ion: 56 Resp: 20251
Ion Ratio Lower Upper
56 100
55 66.2 56.7 85.1



#14
Allyl chloride
Concen: 18.909 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 41 Resp: 136954
Ion Ratio Lower Upper
41 100
39 63.0 50.6 76.0
76 37.4 30.4 45.6

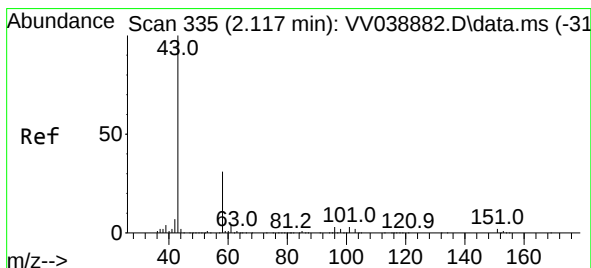
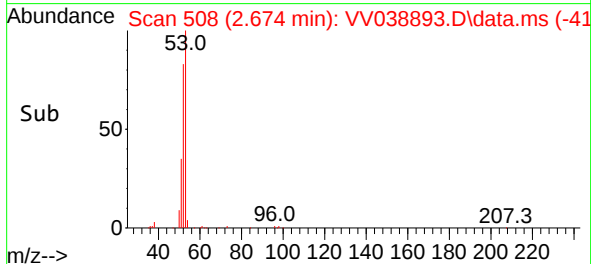
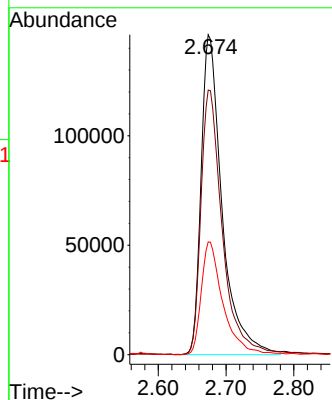
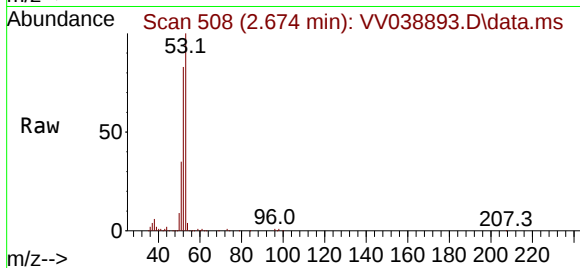




#15
 Acrylonitrile
 Concen: 100.425 ug/l
 RT: 2.674 min Scan# 508
 Delta R.T. 0.000 min
 Lab File: VV038893.D
 Acq: 15 Jul 2025 10:32

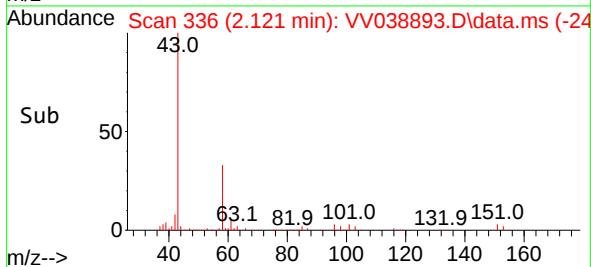
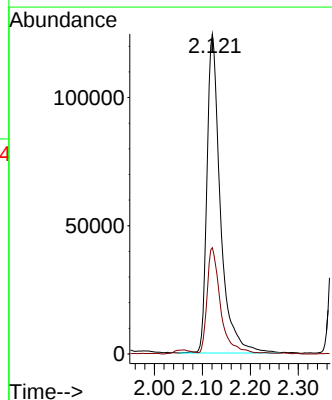
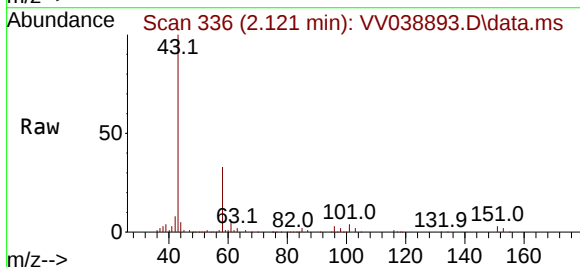
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0715WBS01

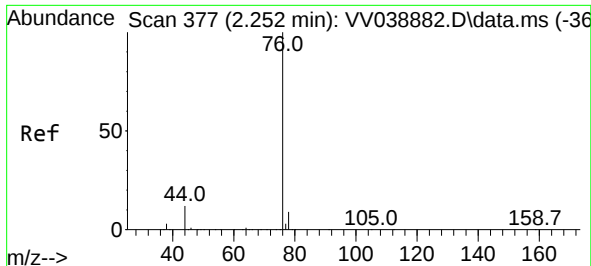
Tgt Ion: 53	Resp: 313921
Ion Ratio	Lower Upper
53 100	
52 84.5	66.6 99.8
51 36.2	28.7 43.1



#16
 Acetone
 Concen: 105.439 ug/l
 RT: 2.121 min Scan# 336
 Delta R.T. 0.003 min
 Lab File: VV038893.D
 Acq: 15 Jul 2025 10:32

Tgt Ion: 43	Resp: 242083
Ion Ratio	Lower Upper
43 100	
58 33.0	25.8 38.6

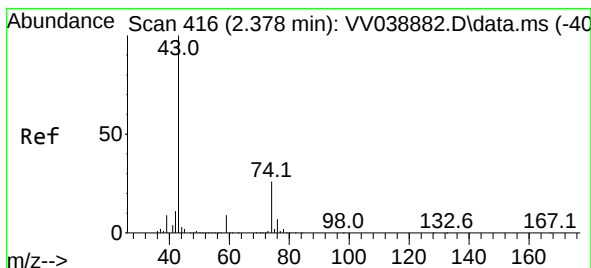
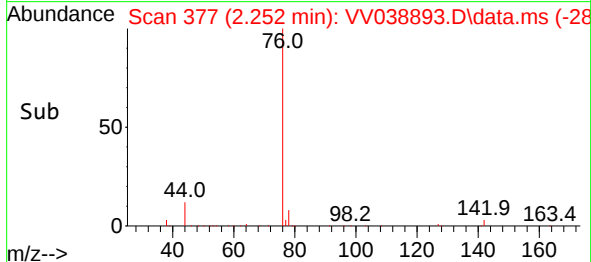
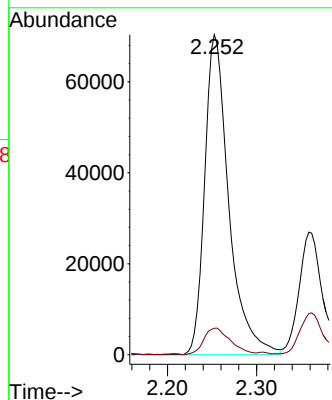
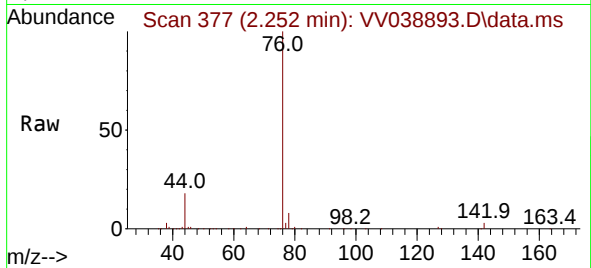




#17
Carbon Disulfide
Concen: 13.945 ug/l
RT: 2.252 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

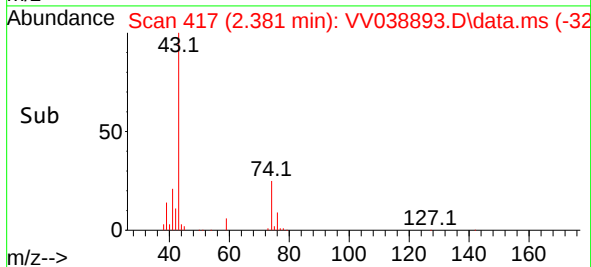
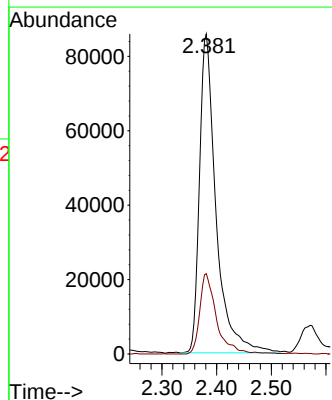
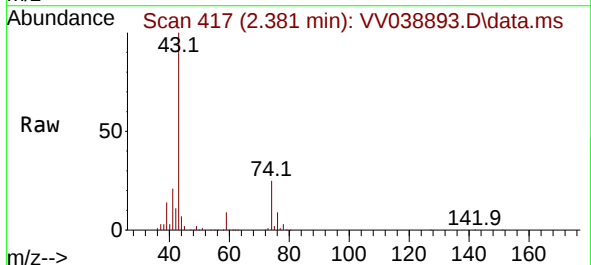
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

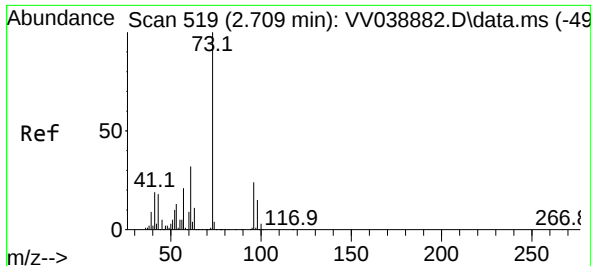
Tgt Ion: 76 Resp: 132266
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2



#18
Methyl Acetate
Concen: 23.113 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 43 Resp: 179545
Ion Ratio Lower Upper
43 100
74 25.2 21.1 31.7

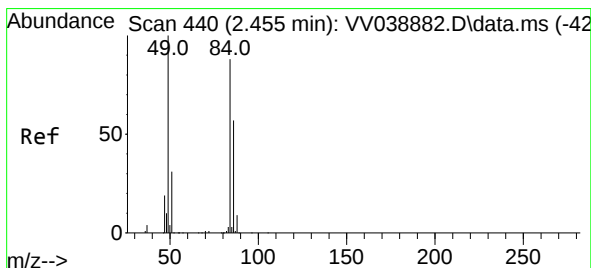
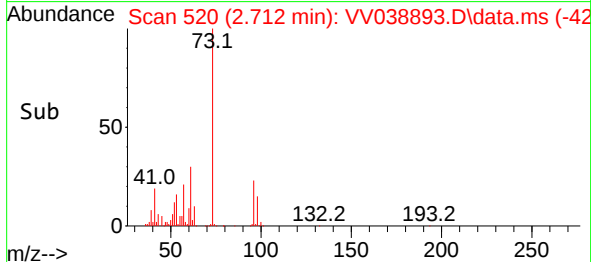
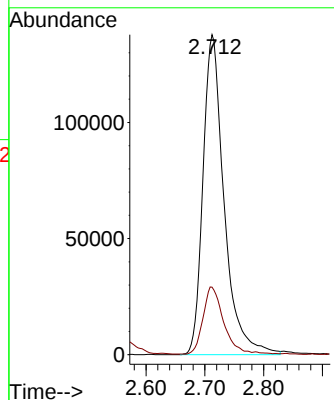
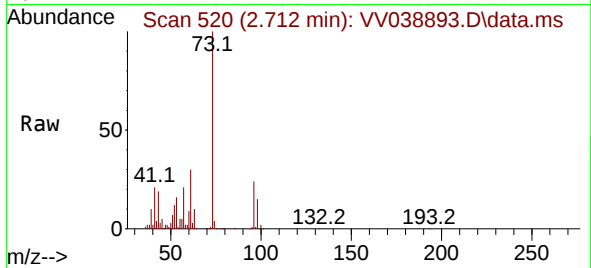




#19
Methyl tert-butyl Ether
Concen: 20.162 ug/l
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

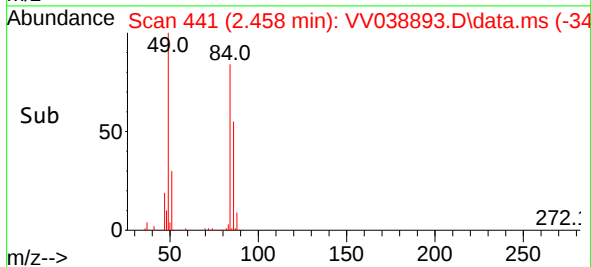
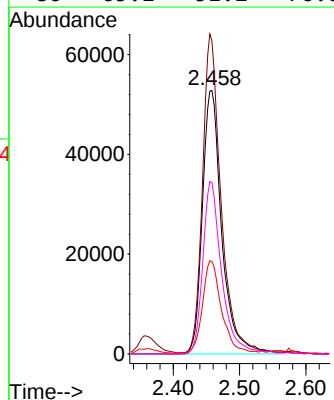
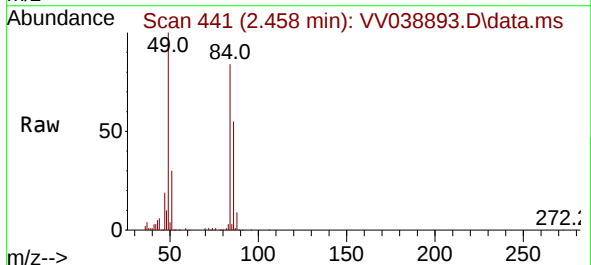
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

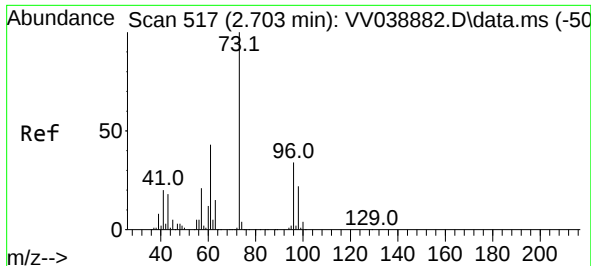
Tgt Ion: 73 Resp: 343655
Ion Ratio Lower Upper
73 100
57 20.9 16.5 24.7



#20
Methylene Chloride
Concen: 18.440 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 84 Resp: 107406
Ion Ratio Lower Upper
84 100
49 118.5 90.5 135.7
51 34.6 27.8 41.6
86 65.1 51.2 76.8

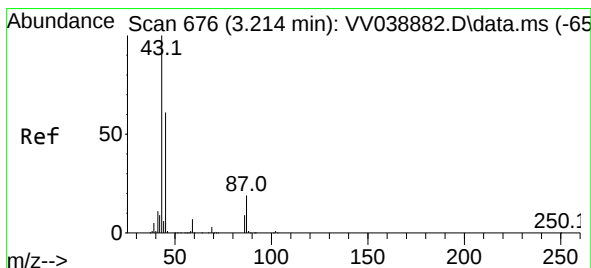
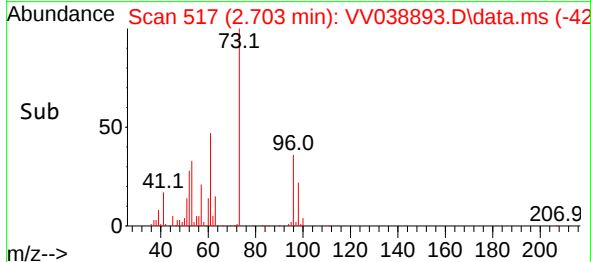
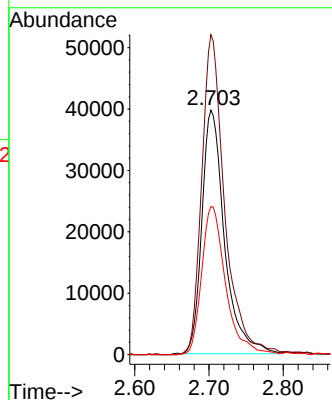
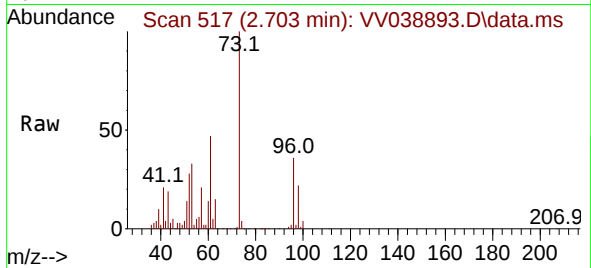




#21
trans-1,2-Dichloroethene
Concen: 17.386 ug/l
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

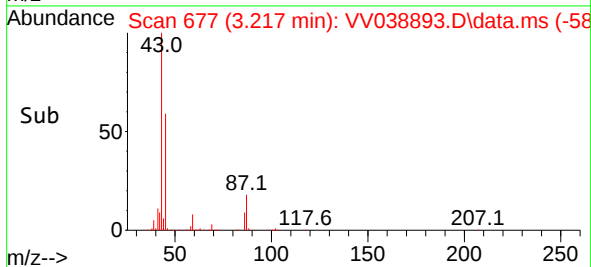
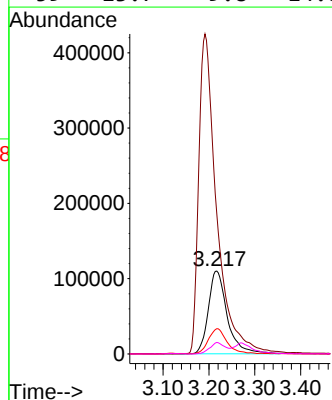
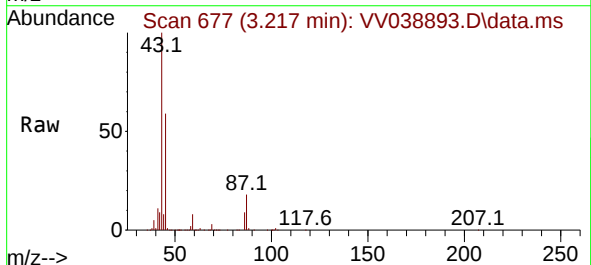
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

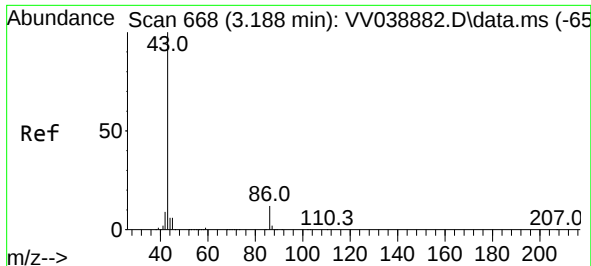
Tgt Ion: 96 Resp: 84098
Ion Ratio Lower Upper
96 100
61 131.1 102.0 153.0
98 60.6 51.0 76.6



#22
Diisopropyl ether
Concen: 21.755 ug/l
RT: 3.217 min Scan# 677
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 45 Resp: 314838
Ion Ratio Lower Upper
45 100
43 168.5 132.1 198.1
87 30.3 25.0 37.4
59 13.7 9.8 14.8

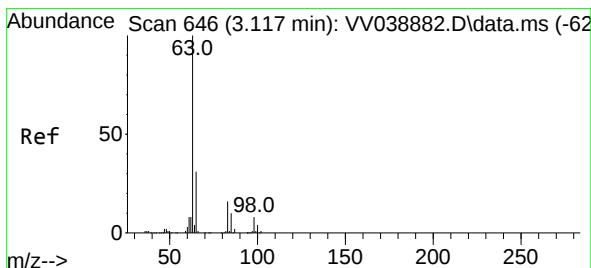
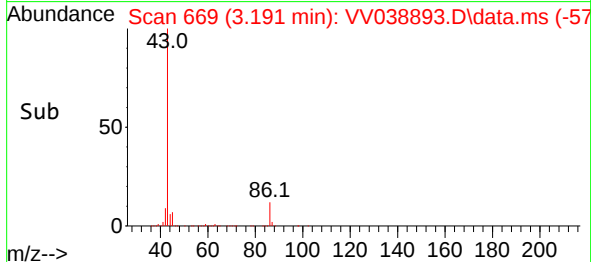
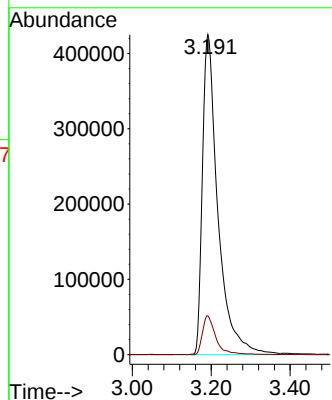
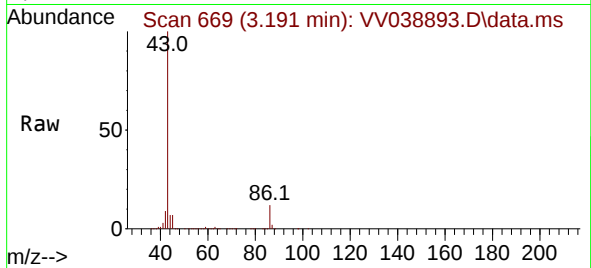




#23
 Vinyl Acetate
 Concen: 102.251 ug/l
 RT: 3.191 min Scan# 669
 Delta R.T. 0.003 min
 Lab File: VV038893.D
 Acq: 15 Jul 2025 10:32

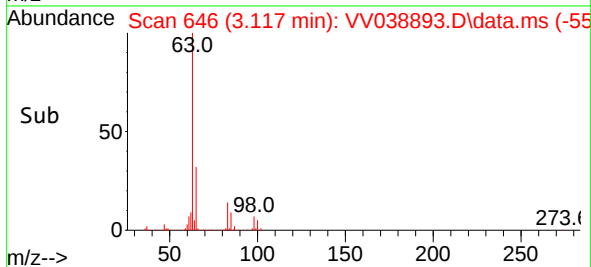
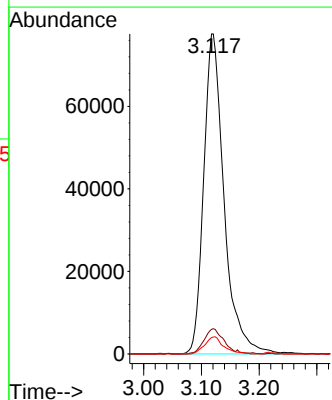
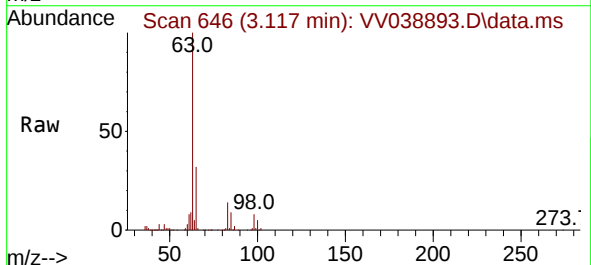
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0715WBS01

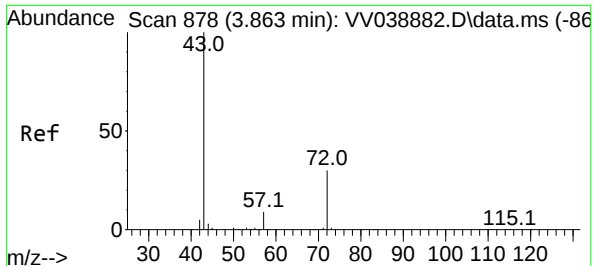
Tgt Ion: 43 Resp: 1160266
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 20.029 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038893.D
 Acq: 15 Jul 2025 10:32

Tgt Ion: 63 Resp: 189827
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.9 11.7
 100 5.1 2.2 6.6

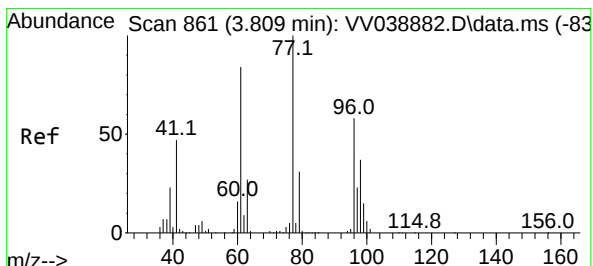
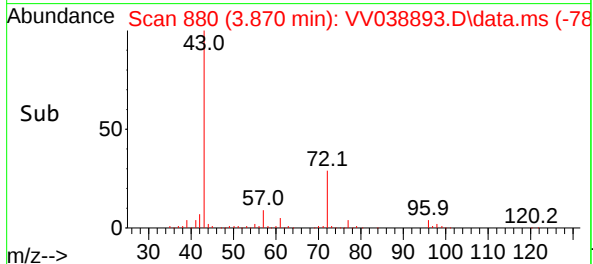
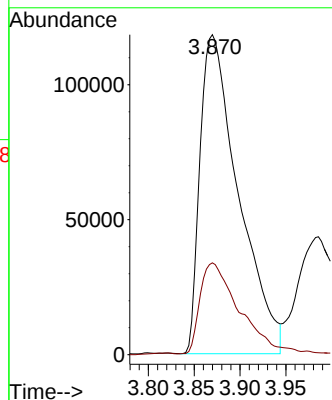
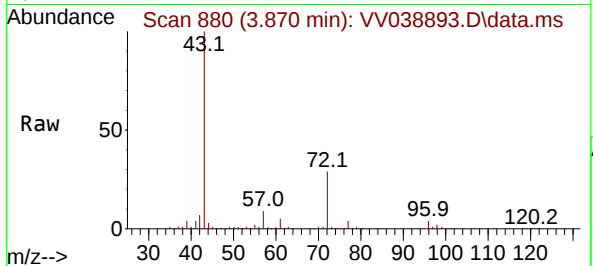




#25
2-Butanone
Concen: 104.865 ug/l
RT: 3.870 min Scan# 81
Delta R.T. 0.006 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

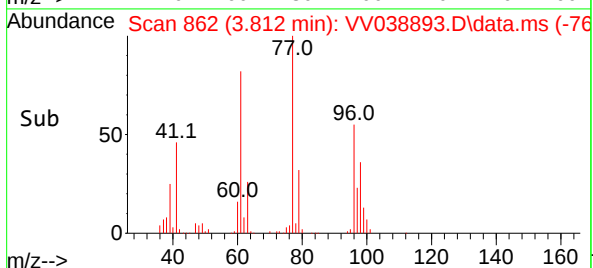
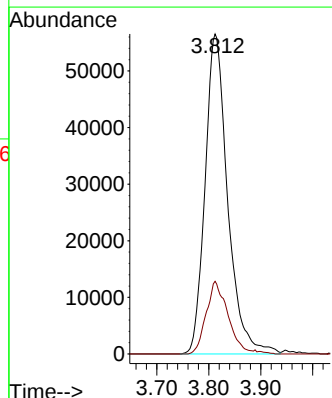
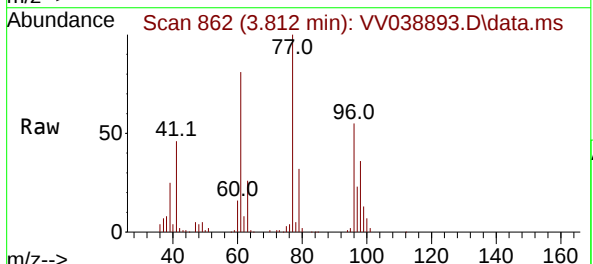
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

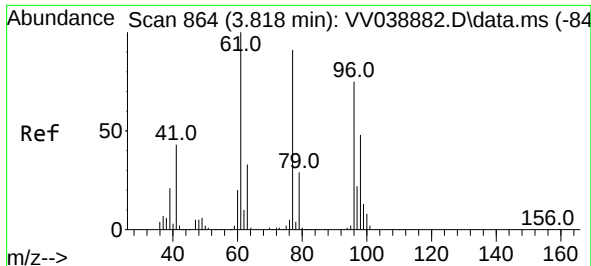
Tgt Ion: 43 Resp: 345093
Ion Ratio Lower Upper
43 100
72 28.5 23.9 35.9



#26
2,2-Dichloropropane
Concen: 20.588 ug/l
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 77 Resp: 170837
Ion Ratio Lower Upper
77 100
97 22.0 11.4 34.2

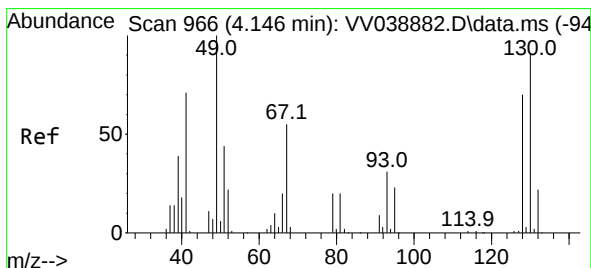
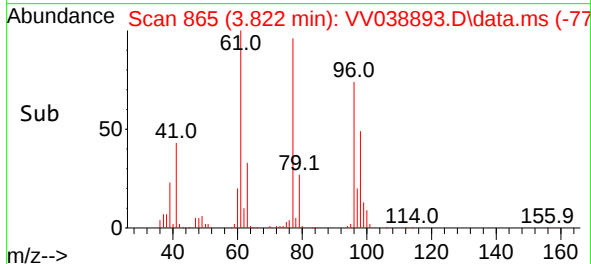
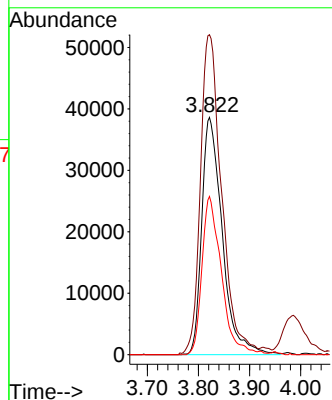
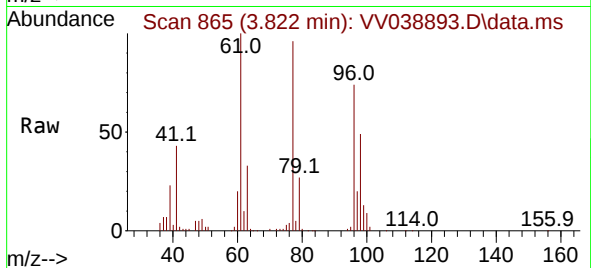




#27
cis-1,2-Dichloroethene
Concen: 19.379 ug/l
RT: 3.822 min Scan# 865
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

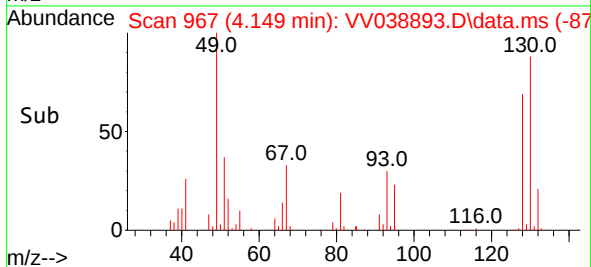
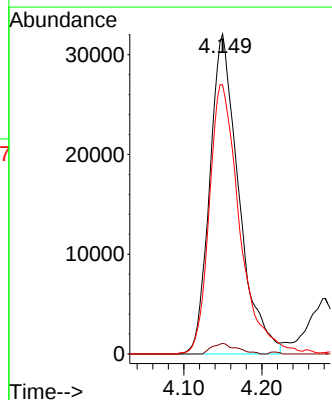
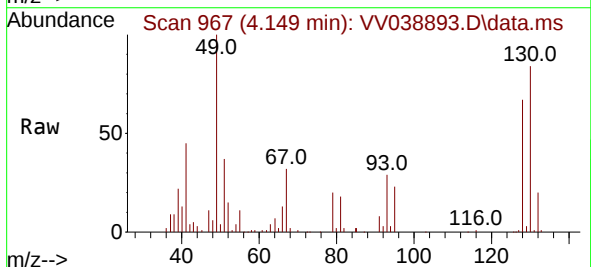
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

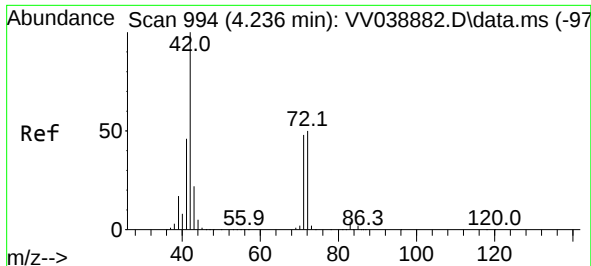
Tgt Ion: 96 Resp: 107635
Ion Ratio Lower Upper
96 100
61 139.6 0.0 275.0
98 62.9 0.0 130.0



#28
Bromochloromethane
Concen: 22.568 ug/l
RT: 4.149 min Scan# 967
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 49 Resp: 82788
Ion Ratio Lower Upper
49 100
129 2.8 0.0 4.8
130 88.1 70.1 105.1





#29

Tetrahydrofuran

Concen: 104.527 ug/l

RT: 4.240 min Scan# 994

Delta R.T. 0.003 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

VV0715WBS01

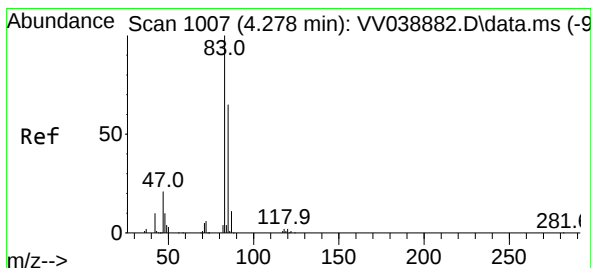
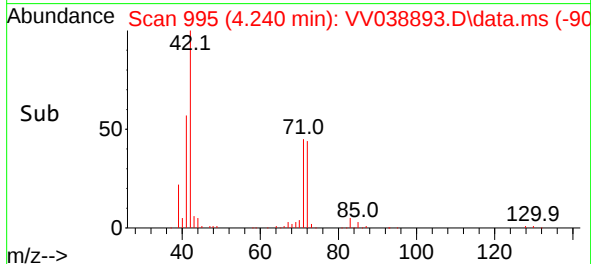
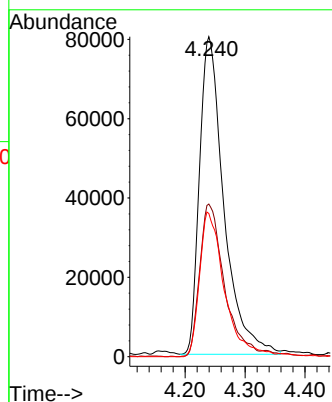
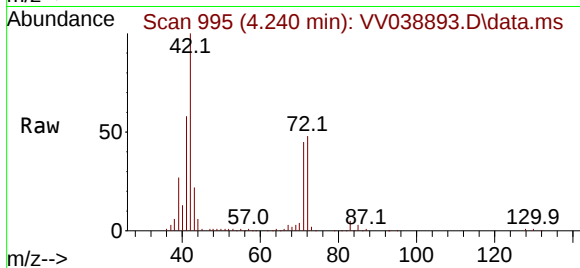
Tgt Ion: 42 Resp: 226709

Ion Ratio Lower Upper

42 100

72 48.4 41.6 62.4

71 46.2 38.4 57.6



#30

Chloroform

Concen: 20.396 ug/l

RT: 4.281 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV038893.D

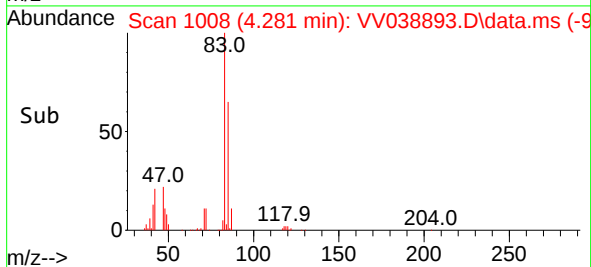
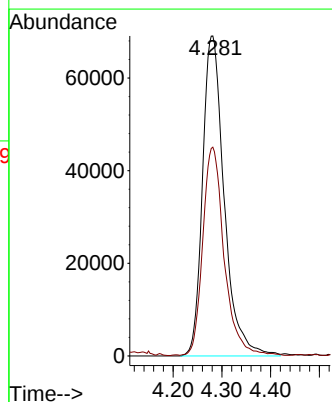
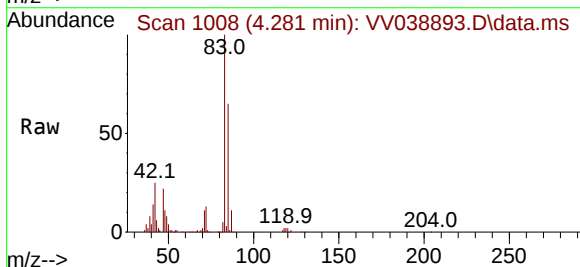
Acq: 15 Jul 2025 10:32

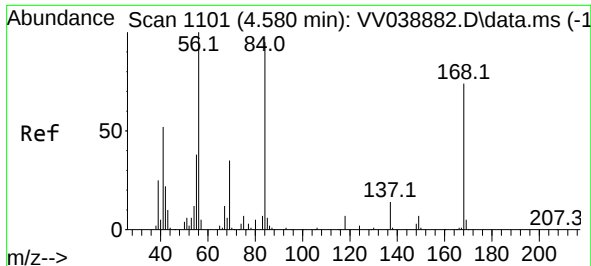
Tgt Ion: 83 Resp: 213117

Ion Ratio Lower Upper

83 100

85 65.0 52.2 78.4

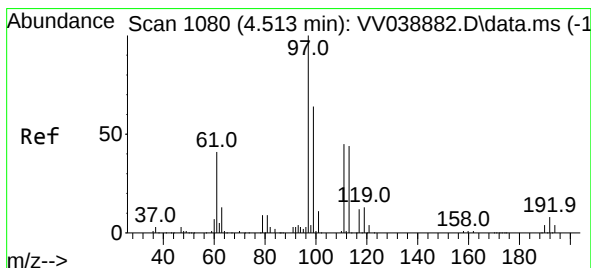
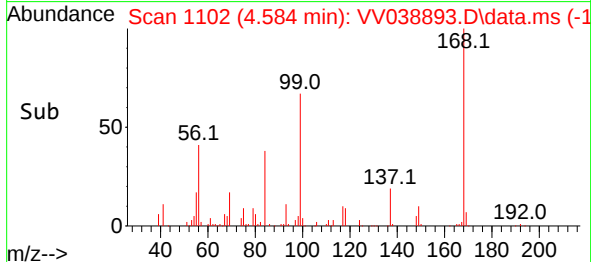
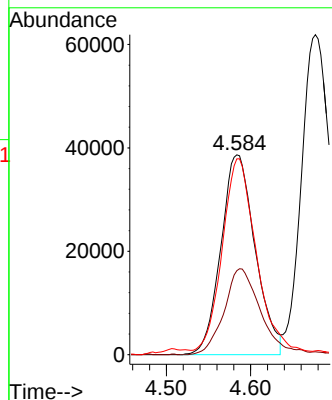
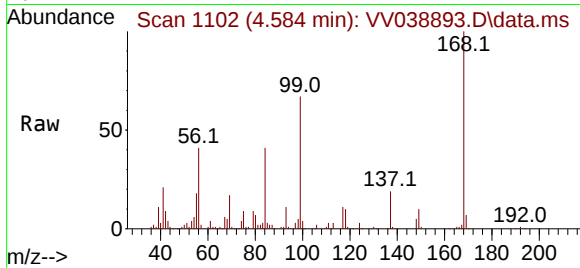




#31
Cyclohexane
Concen: 17.536 ug/l
RT: 4.584 min Scan# 1101
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

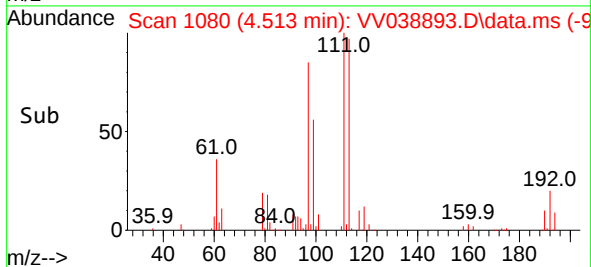
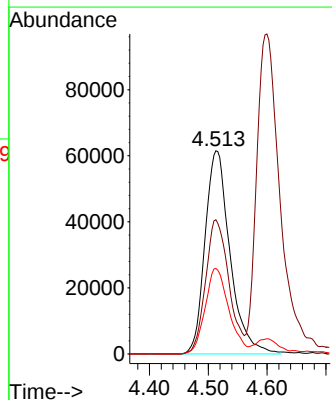
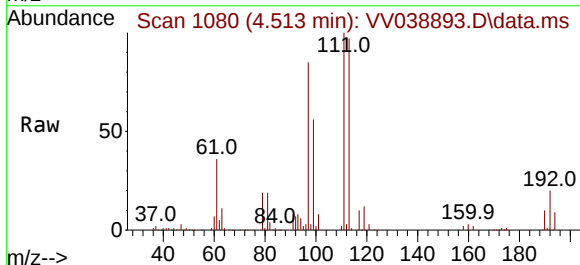
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

Tgt Ion: 56 Resp: 109086
Ion Ratio Lower Upper
56 100
69 42.0 28.2 42.2
84 95.7 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 19.915 ug/l
RT: 4.513 min Scan# 1080
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 97 Resp: 181561
Ion Ratio Lower Upper
97 100
99 61.5 50.1 75.1
61 40.1 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 51.529 ug/l

RT: 4.940 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

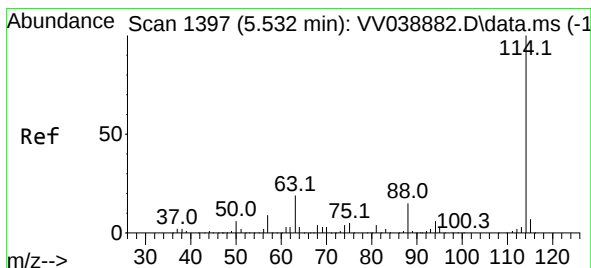
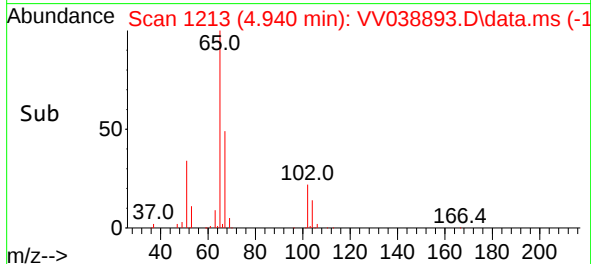
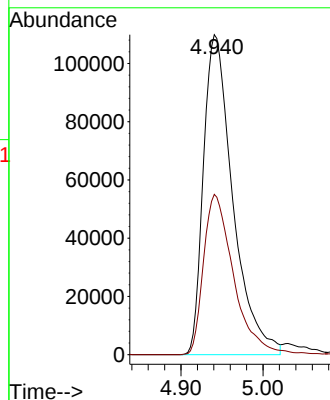
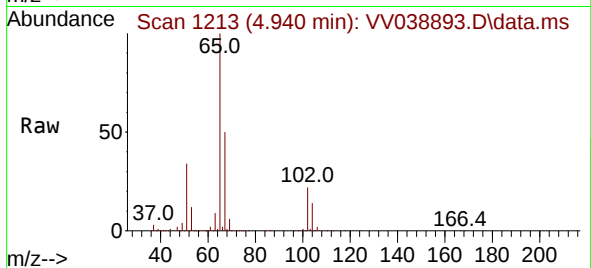
VV0715WBS01

Tgt Ion: 65 Resp: 273406

Ion Ratio Lower Upper

65 100

67 51.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

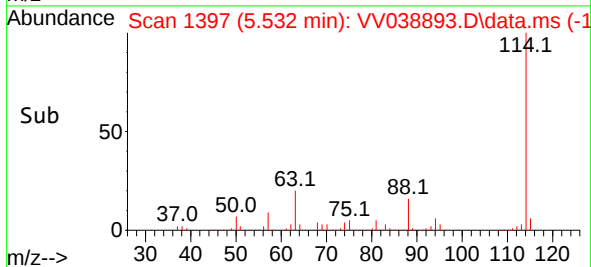
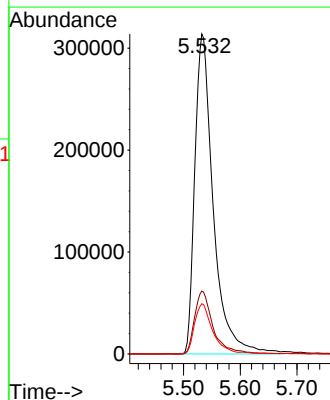
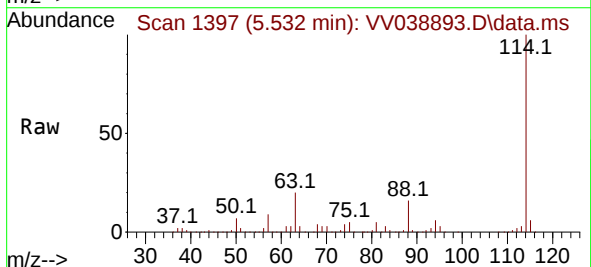
Tgt Ion: 114 Resp: 710085

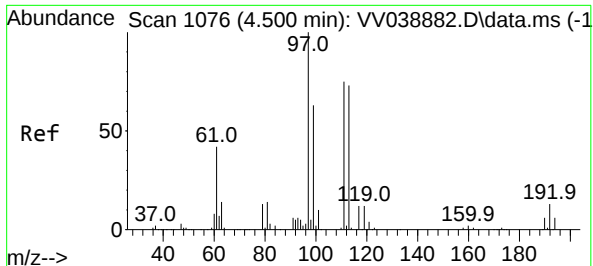
Ion Ratio Lower Upper

114 100

63 19.6 0.0 37.2

88 15.7 0.0 30.8

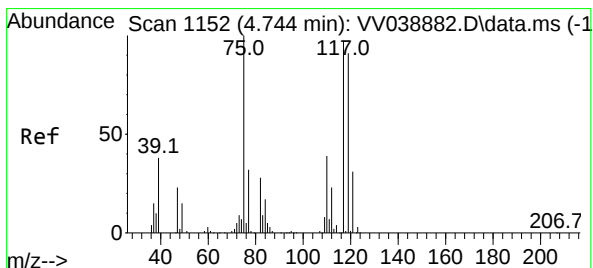
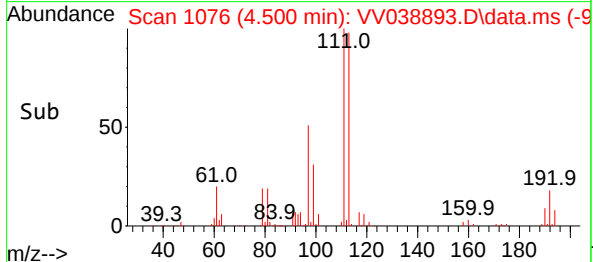
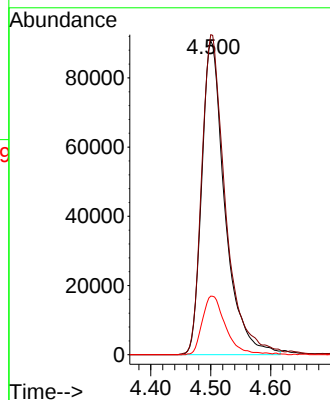
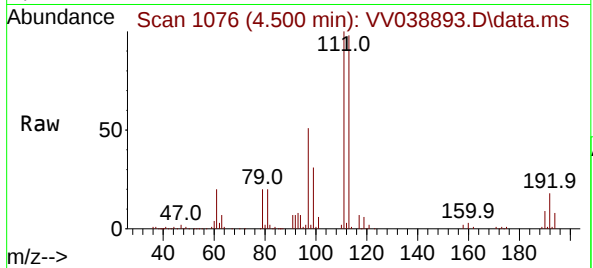




#35
Dibromofluoromethane
Concen: 50.291 ug/l
RT: 4.500 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

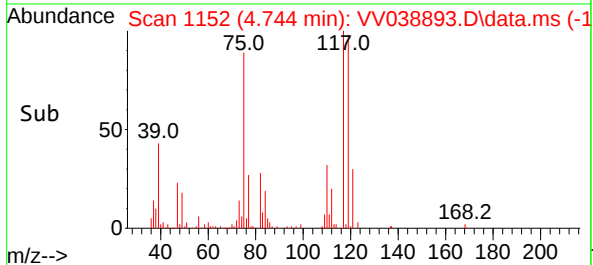
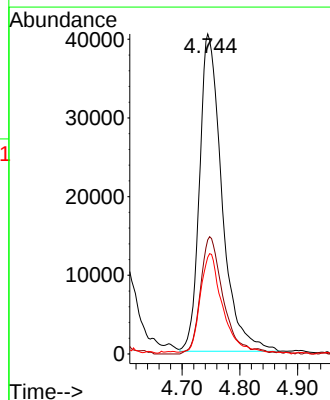
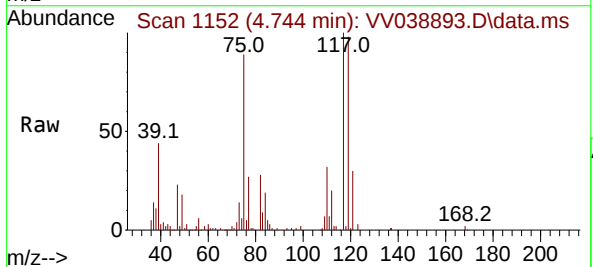
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

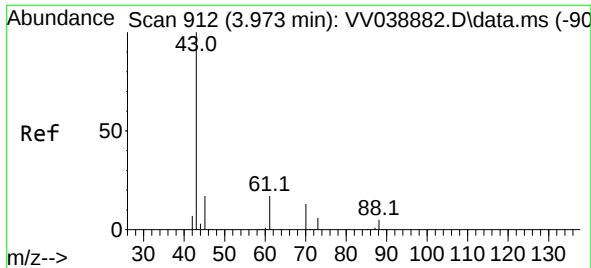
Tgt Ion:113 Resp: 243476
Ion Ratio Lower Upper
113 100
111 104.8 83.3 124.9
192 18.6 14.2 21.4



#36
1,1-Dichloropropene
Concen: 19.581 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 75 Resp: 108950
Ion Ratio Lower Upper
75 100
110 36.9 18.8 56.3
77 30.0 24.2 36.4

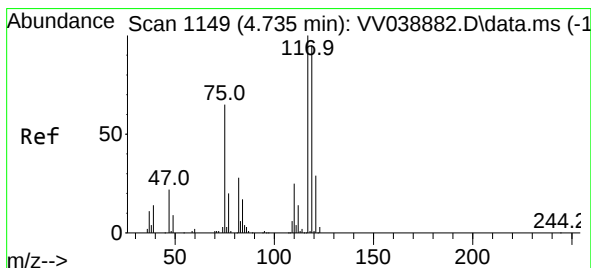
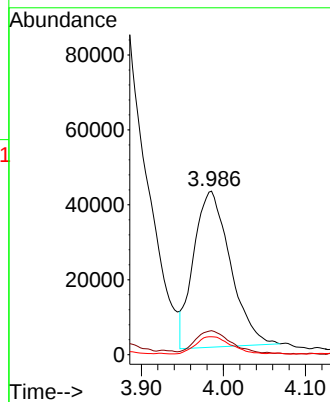
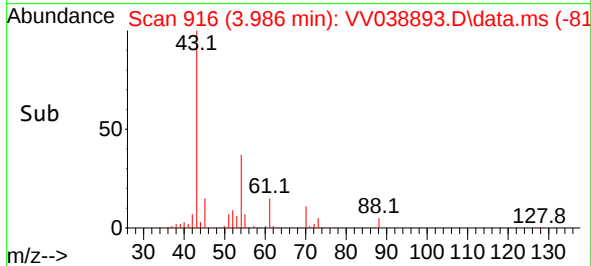
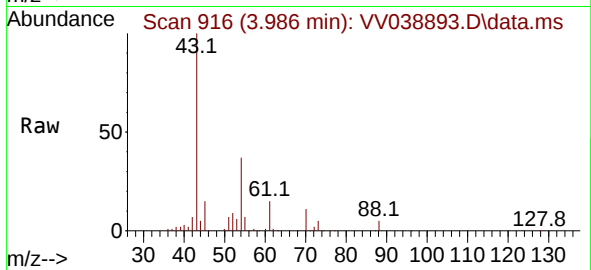




#37
Ethyl Acetate
Concen: 19.742 ug/l
RT: 3.986 min Scan# 912
Delta R.T. 0.013 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

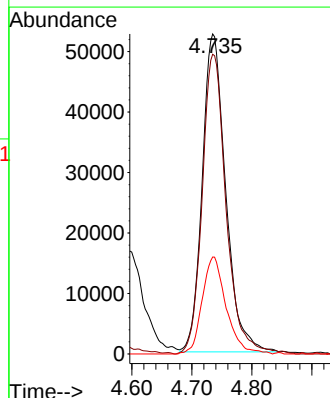
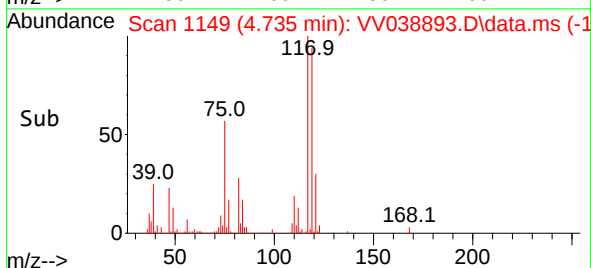
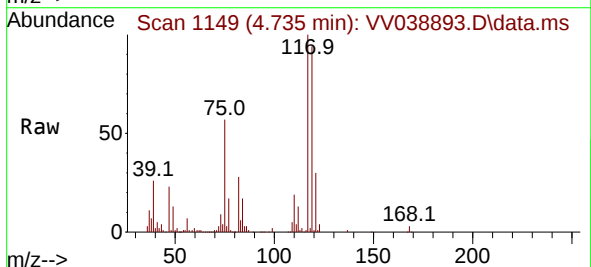
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

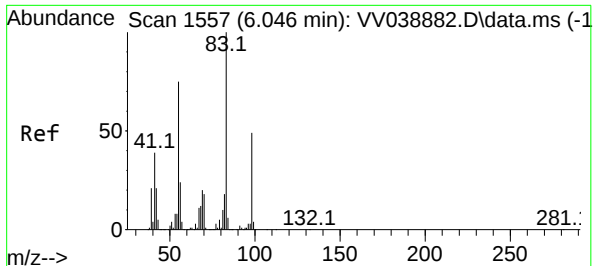
Tgt Ion: 43 Resp: 129332
Ion Ratio Lower Upper
43 100
61 12.8 11.1 16.7
70 10.4 8.9 13.3



#38
Carbon Tetrachloride
Concen: 19.372 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 117 Resp: 143175
Ion Ratio Lower Upper
117 100
119 93.8 76.0 114.0
121 30.1 23.1 34.7





#39

Methylcyclohexane

Concen: 17.107 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

VV0715WBS01

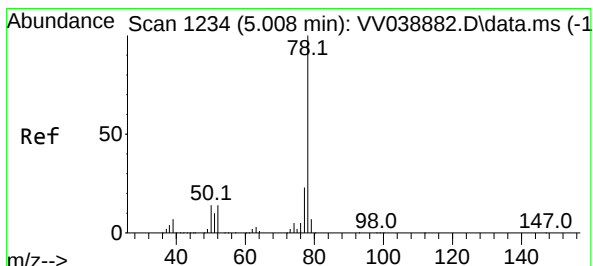
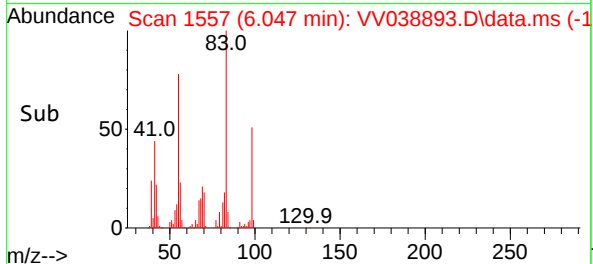
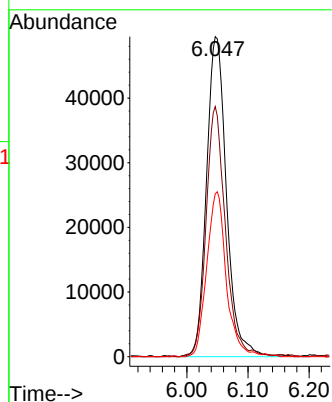
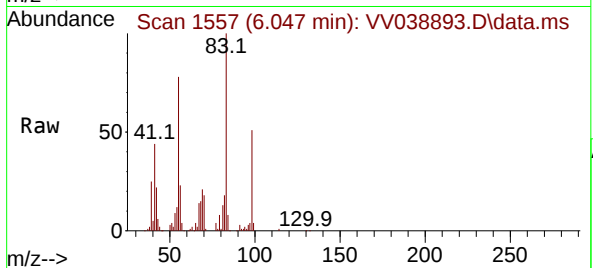
Tgt Ion: 83 Resp: 112312

Ion Ratio Lower Upper

83 100

55 78.1 60.0 90.0

98 50.9 39.0 58.6



#40

Benzene

Concen: 19.798 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV038893.D

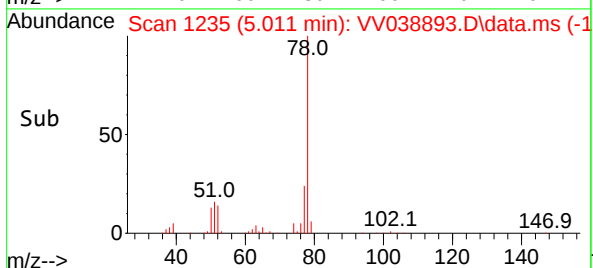
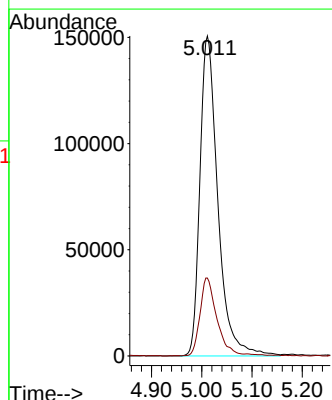
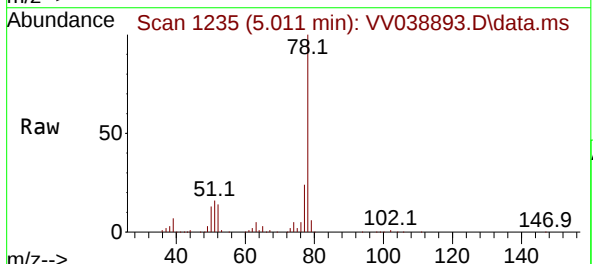
Acq: 15 Jul 2025 10:32

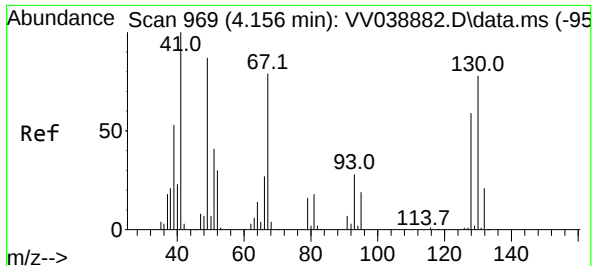
Tgt Ion: 78 Resp: 373421

Ion Ratio Lower Upper

78 100

77 24.3 18.6 28.0

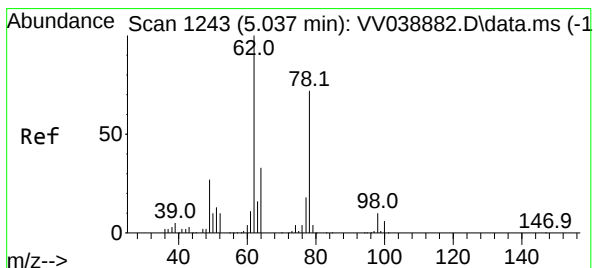
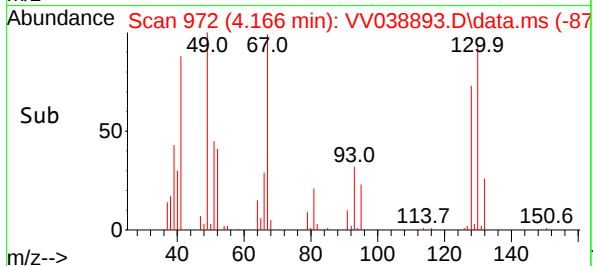
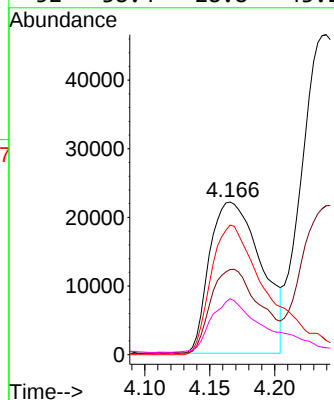
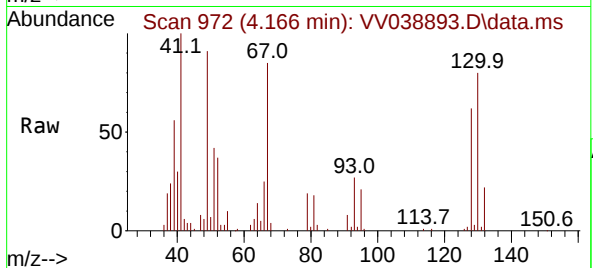




#41
Methacrylonitrile
Concen: 20.307 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.010 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

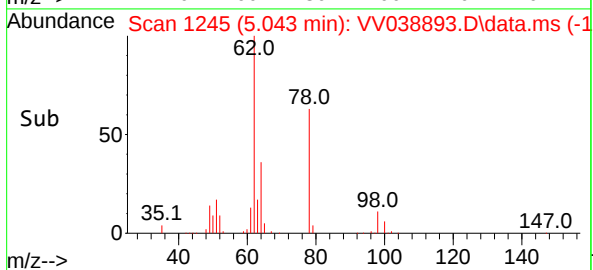
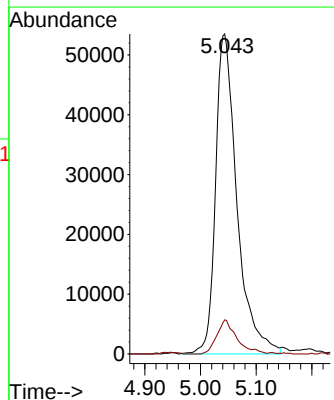
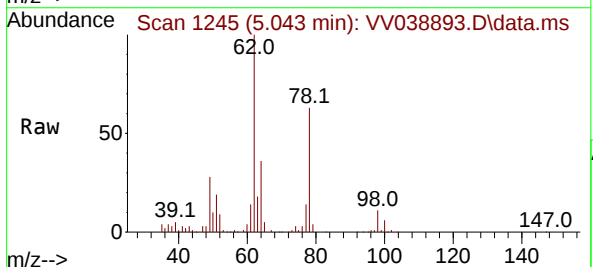
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

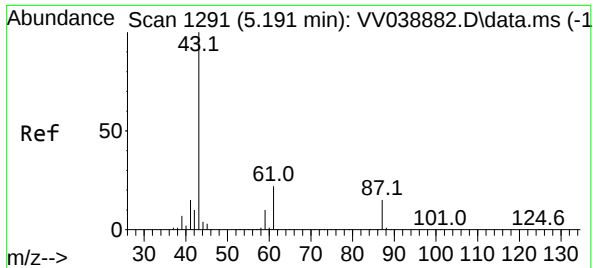
Tgt Ion: 41	Resp: 61053
Ion Ratio	Lower Upper
41 100	
39 52.5	42.0 63.0
67 99.2	76.2 114.2
52 38.4	28.8 43.2



#42
1,2-Dichloroethane
Concen: 19.873 ug/l
RT: 5.043 min Scan# 1245
Delta R.T. 0.006 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 62	Resp: 142874
Ion Ratio	Lower Upper
62 100	
98 10.0	0.0 18.8

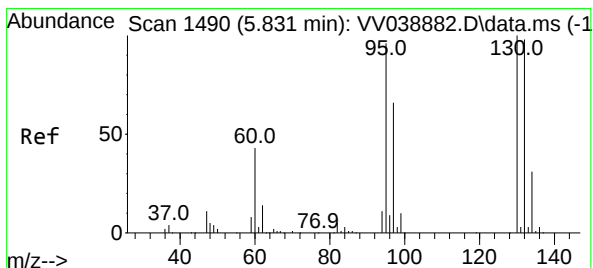
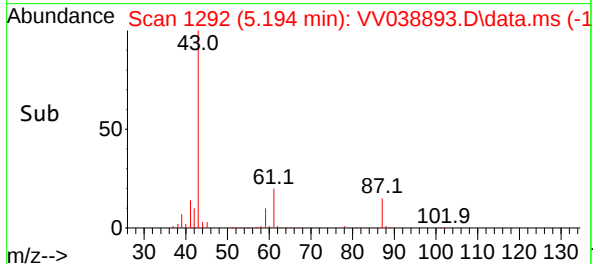
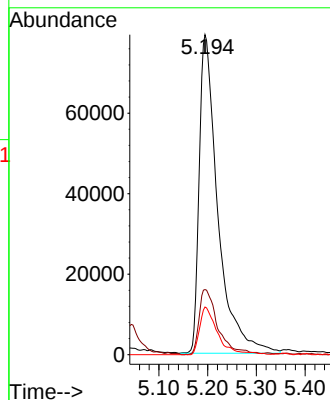
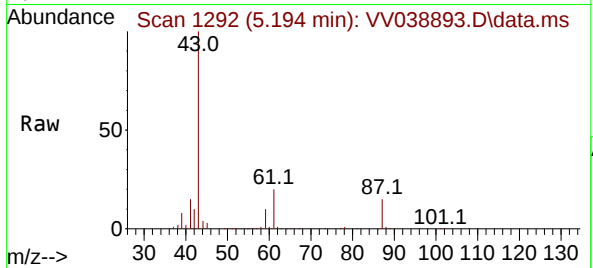




#43
Isopropyl Acetate
Concen: 20.309 ug/l
RT: 5.194 min Scan# 1291
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

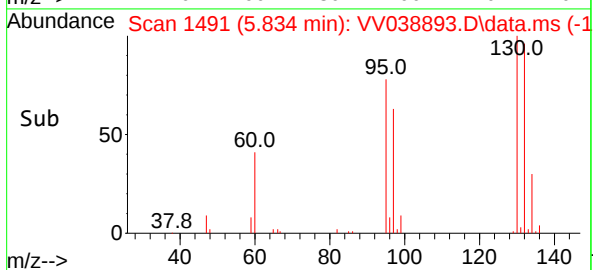
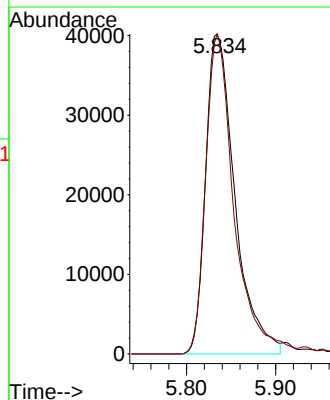
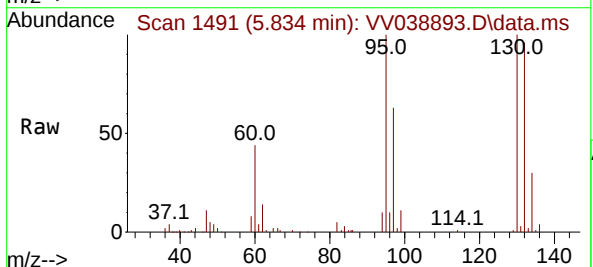
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

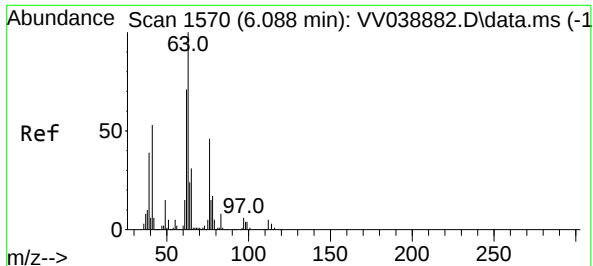
Tgt Ion: 43 Resp: 210415
Ion Ratio Lower Upper
43 100
61 20.7 17.1 25.7
87 14.3 12.2 18.4



#44
Trichloroethene
Concen: 18.625 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion:130 Resp: 91798
Ion Ratio Lower Upper
130 100
95 100.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.400 ug/l

RT: 6.092 min Scan# 1571

Delta R.T. 0.003 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

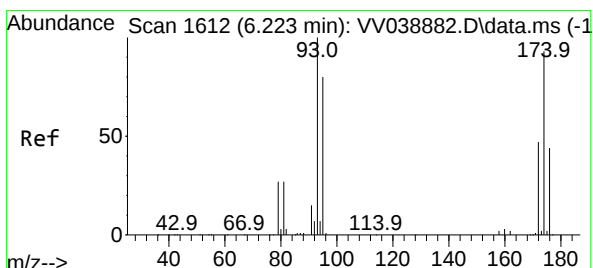
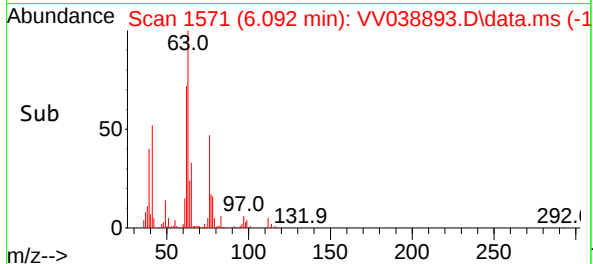
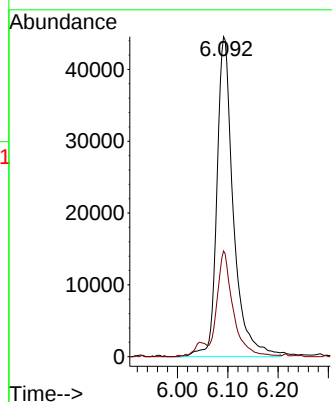
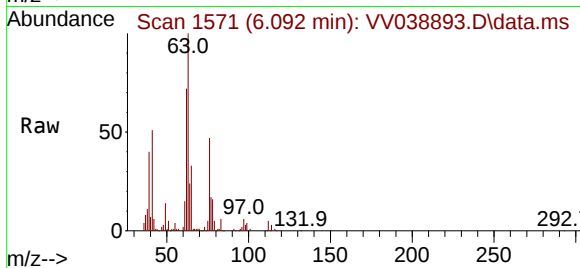
VV0715WBS01

Tgt Ion: 63 Resp: 101640

Ion Ratio Lower Upper

63 100

65 32.6 24.9 37.3



#46

Dibromomethane

Concen: 19.249 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.006 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

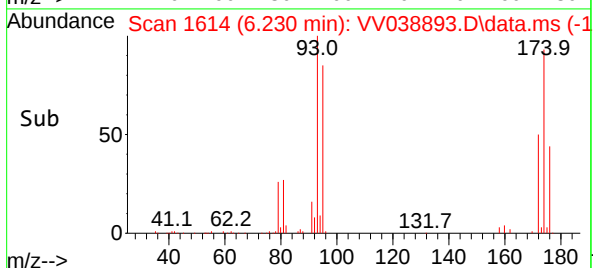
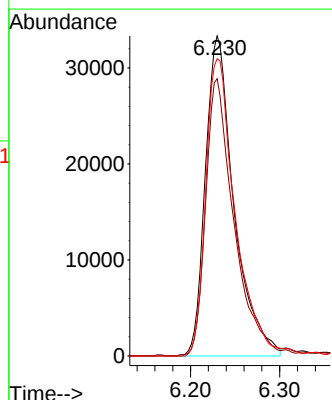
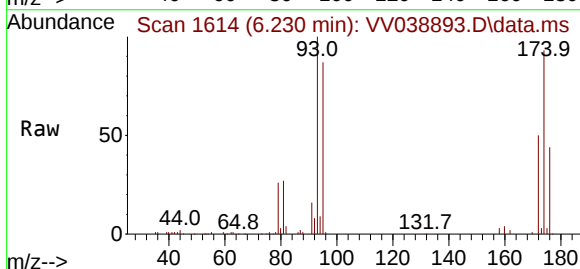
Tgt Ion: 93 Resp: 74205

Ion Ratio Lower Upper

93 100

95 85.4 66.2 99.4

174 96.0 75.3 112.9

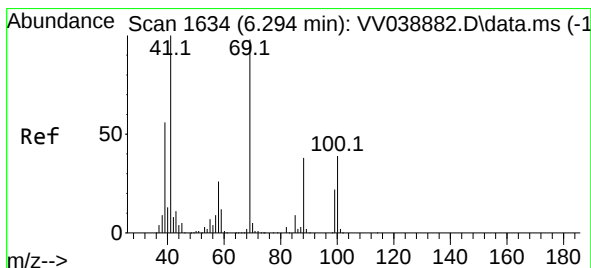
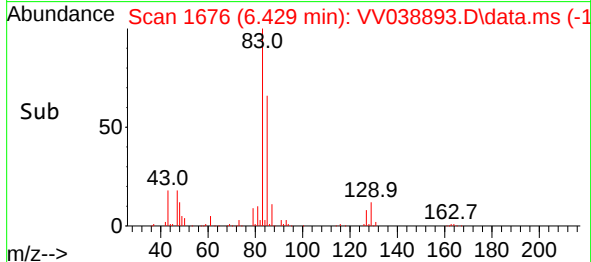
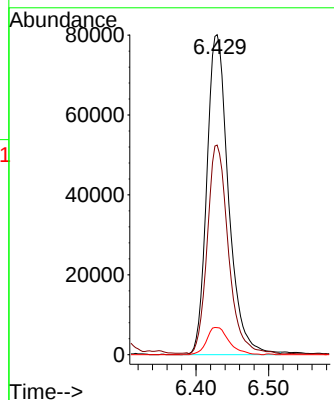
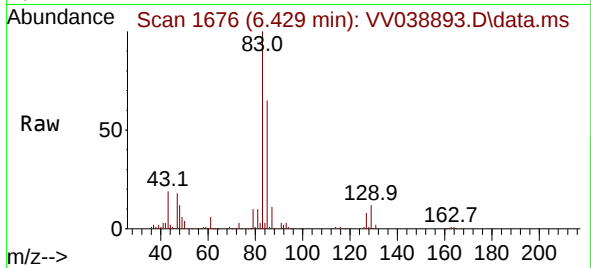




#47
 Bromodichloromethane
 Concen: 20.336 ug/l
 RT: 6.429 min Scan# 1675
 Delta R.T. 0.003 min
 Lab File: VV038893.D
 Acq: 15 Jul 2025 10:32

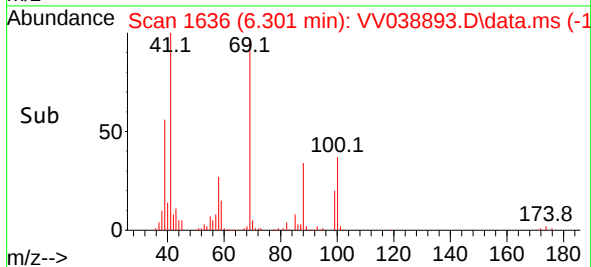
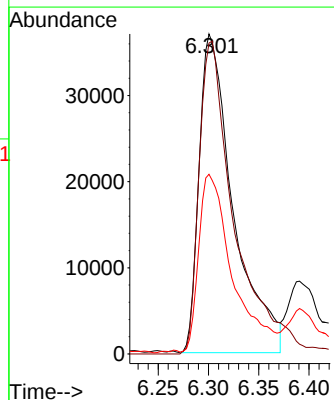
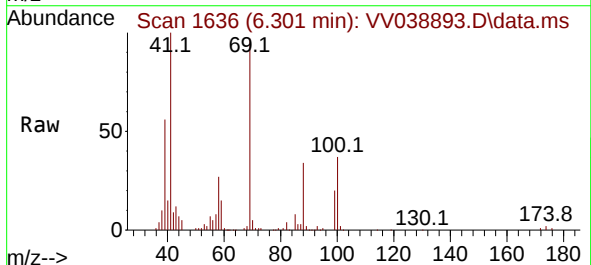
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0715WBS01

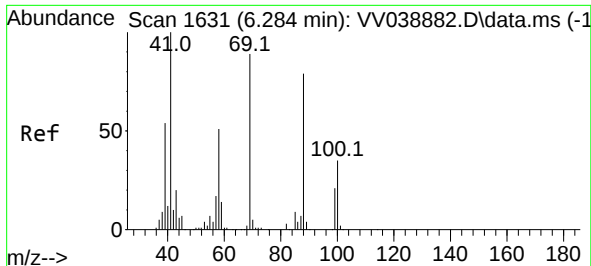
Tgt Ion: 83 Resp: 166380
 Ion Ratio Lower Upper
 83 100
 85 65.2 51.4 77.0
 127 8.5 6.9 10.3



#48
 Methyl methacrylate
 Concen: 19.470 ug/l
 RT: 6.301 min Scan# 1636
 Delta R.T. 0.006 min
 Lab File: VV038893.D
 Acq: 15 Jul 2025 10:32

Tgt Ion: 41 Resp: 87545
 Ion Ratio Lower Upper
 41 100
 69 102.5 79.4 119.2
 39 54.9 44.0 66.0

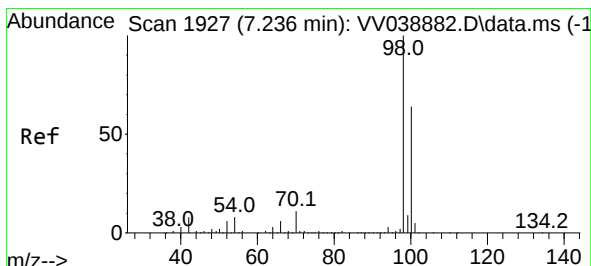
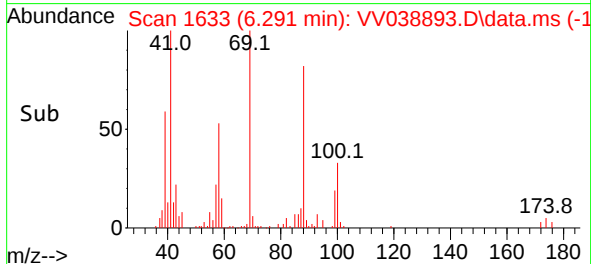
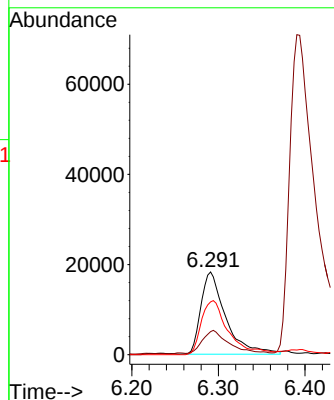
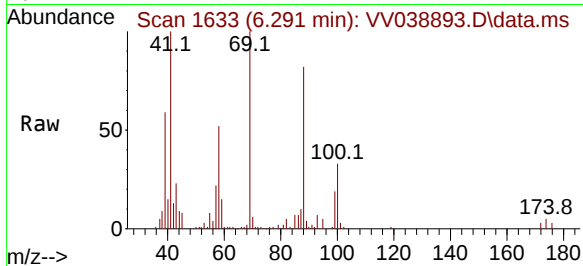




#49
1,4-Dioxane
Concen: 375.353 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. 0.006 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

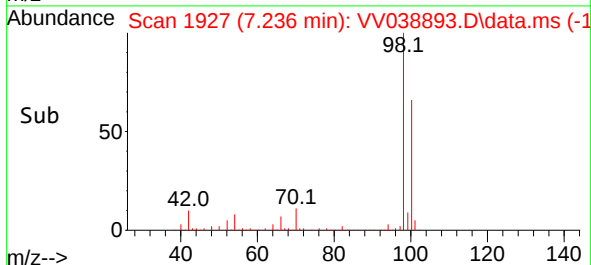
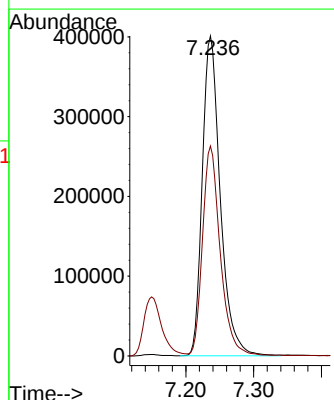
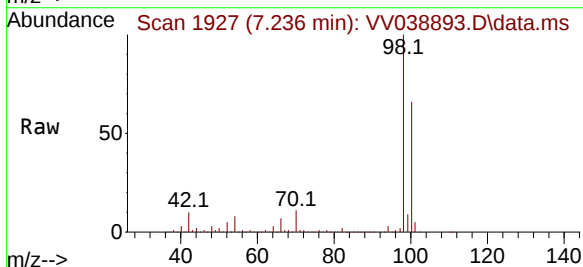
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

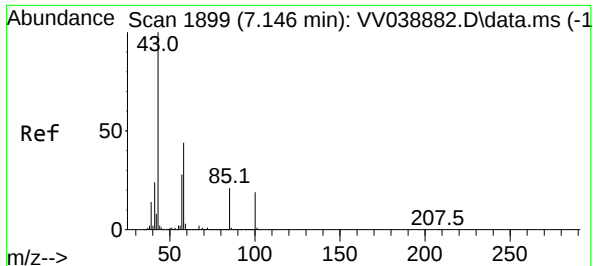
Tgt Ion: 88 Resp: 36363
Ion Ratio Lower Upper
88 100
43 29.1 23.0 34.4
58 71.6 53.8 80.6



#50
Toluene-d8
Concen: 50.457 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 98 Resp: 738396
Ion Ratio Lower Upper
98 100
100 64.5 52.9 79.3

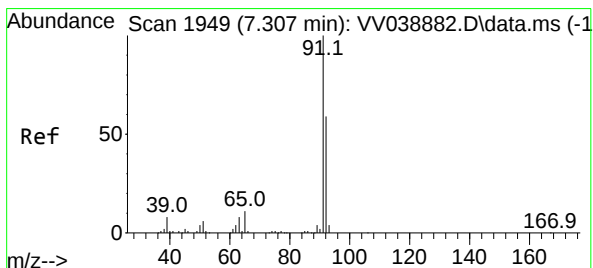
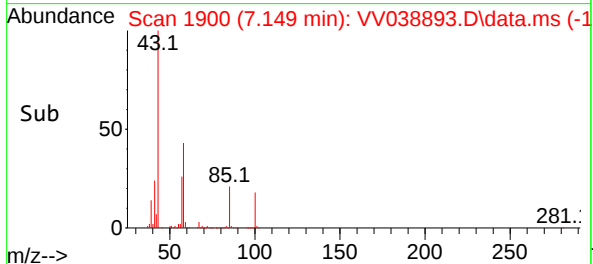
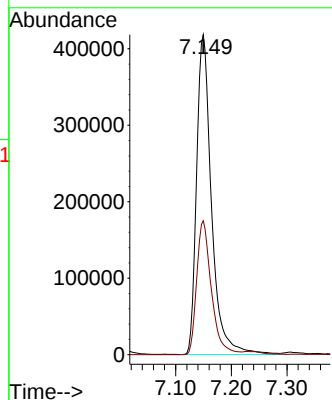
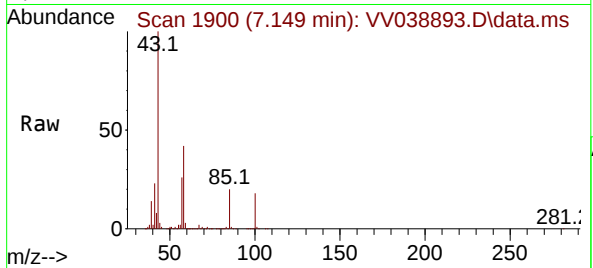




#51
4-Methyl-2-Pentanone
Concen: 110.424 ug/l
RT: 7.149 min Scan# 1900
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

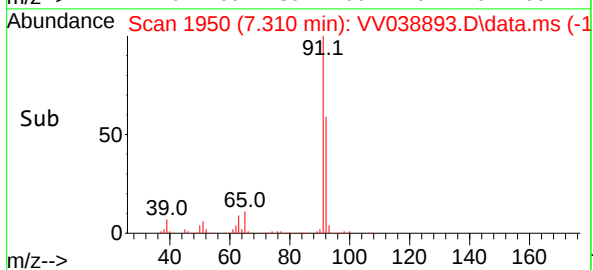
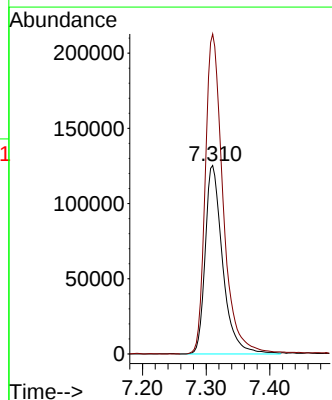
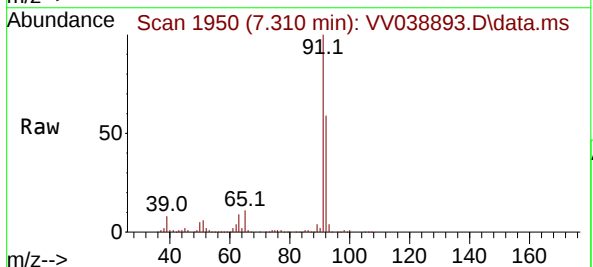
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

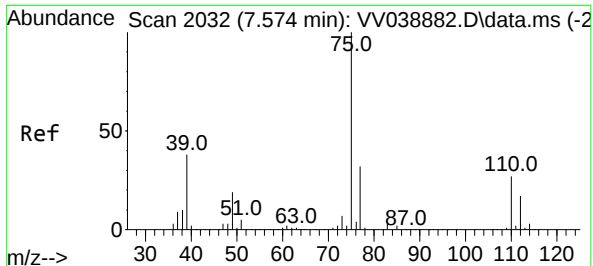
Tgt Ion: 43 Resp: 779004
Ion Ratio Lower Upper
43 100
58 41.2 34.5 51.7



#52
Toluene
Concen: 20.140 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 92 Resp: 239311
Ion Ratio Lower Upper
92 100
91 173.3 137.1 205.7





#53

t-1,3-Dichloropropene

Concen: 20.334 ug/l

RT: 7.577 min Scan# 2032

Delta R.T. 0.003 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

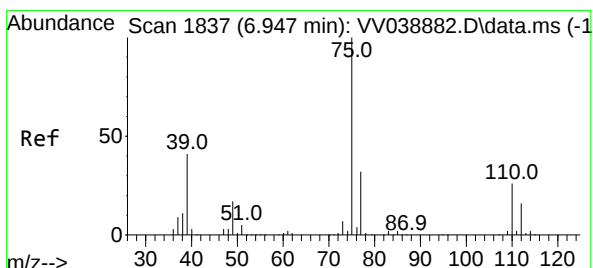
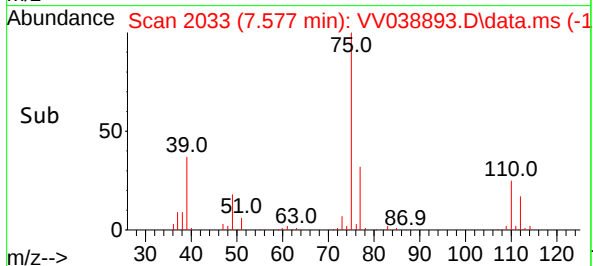
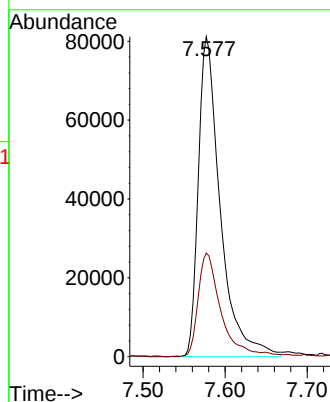
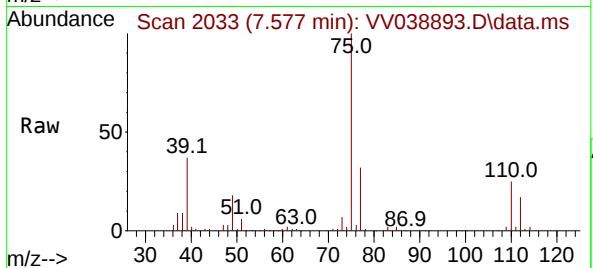
VV0715WBS01

Tgt Ion: 75 Resp: 150530

Ion Ratio Lower Upper

75 100

77 32.2 26.0 39.0



#54

cis-1,3-Dichloropropene

Concen: 20.519 ug/l

RT: 6.950 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

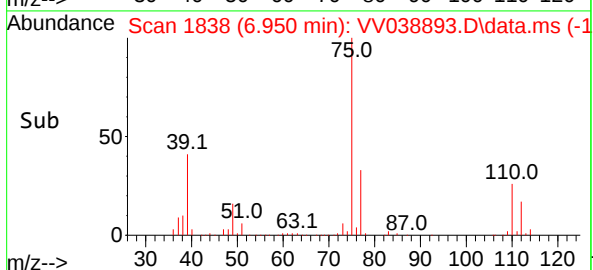
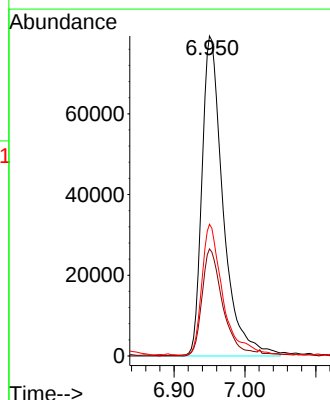
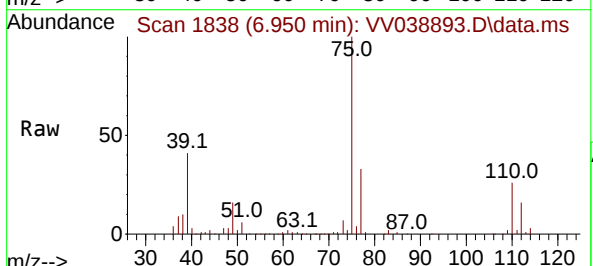
Tgt Ion: 75 Resp: 164204

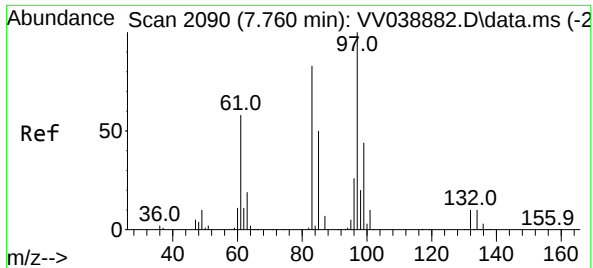
Ion Ratio Lower Upper

75 100

77 33.3 25.5 38.3

39 40.8 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 20.529 ug/l

RT: 7.763 min Scan# 2090

Delta R.T. 0.003 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

VV0715WBS01

Tgt Ion: 97 Resp: 116591

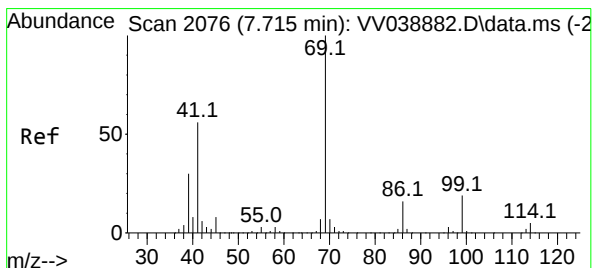
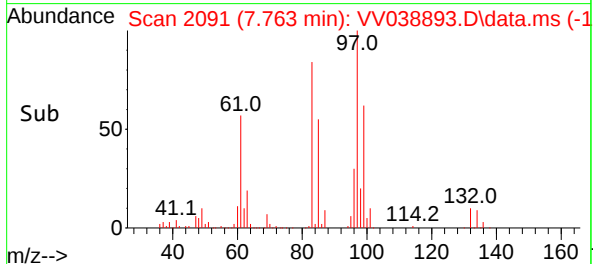
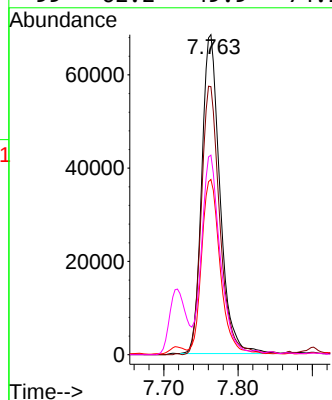
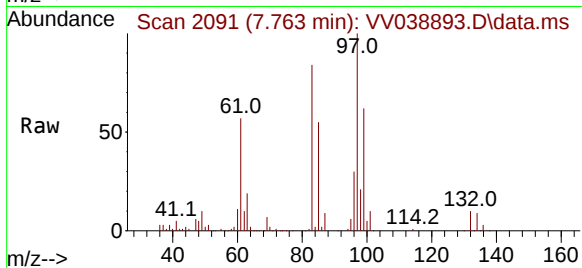
Ion Ratio Lower Upper

97 100

83 83.8 66.2 99.4

85 54.6 41.4 62.2

99 62.2 49.9 74.9



#56

Ethyl methacrylate

Concen: 20.753 ug/l

RT: 7.718 min Scan# 2077

Delta R.T. 0.003 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

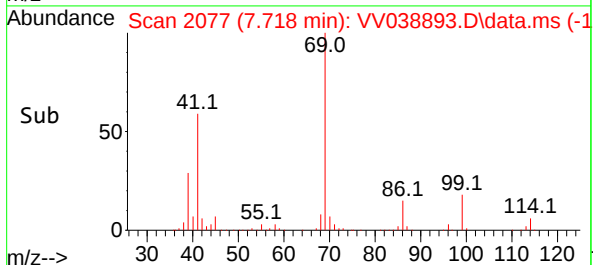
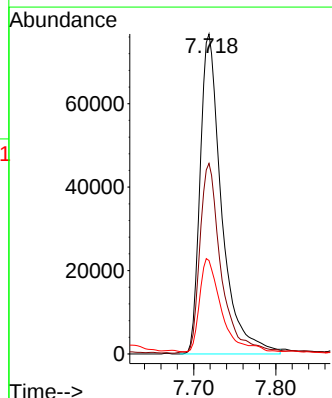
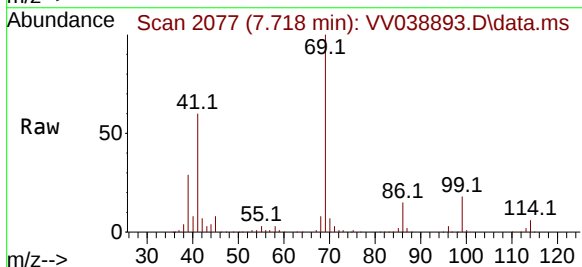
Tgt Ion: 69 Resp: 140061

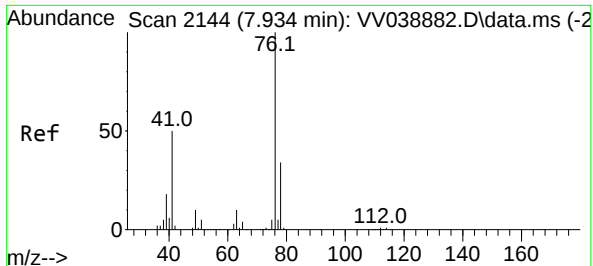
Ion Ratio Lower Upper

69 100

41 58.6 45.7 68.5

39 29.1 23.8 35.8

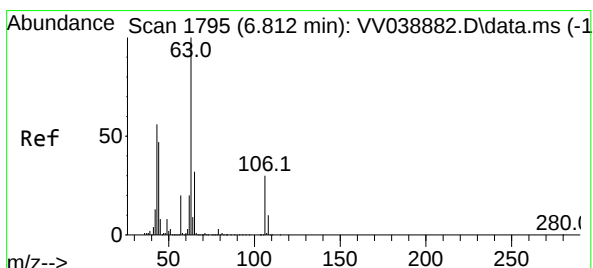
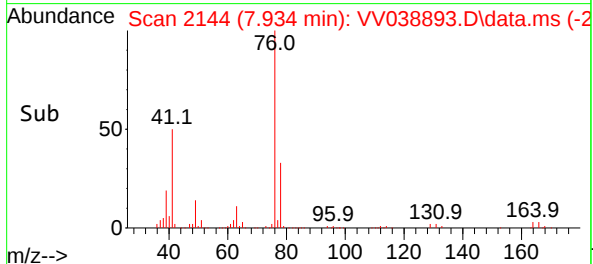
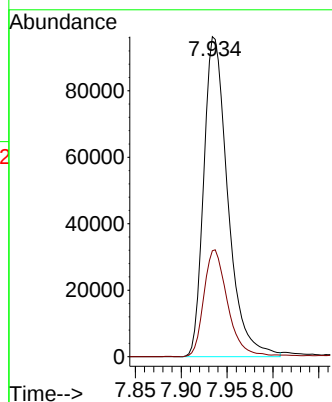
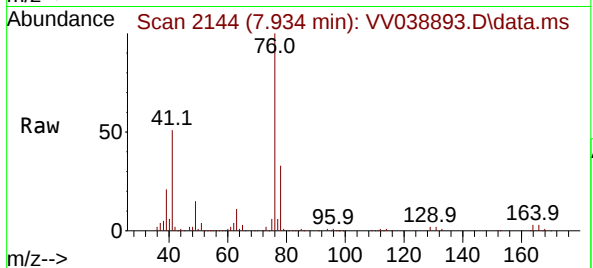




#57
1,3-Dichloropropane
Concen: 20.685 ug/l
RT: 7.934 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

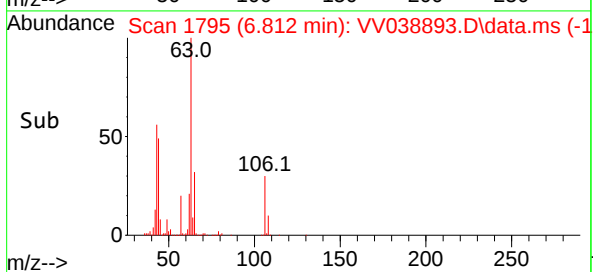
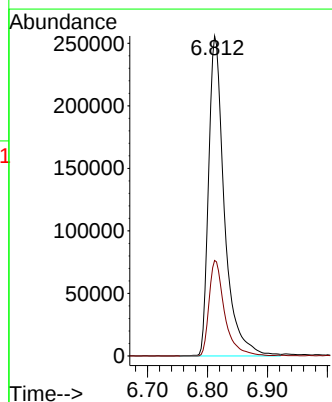
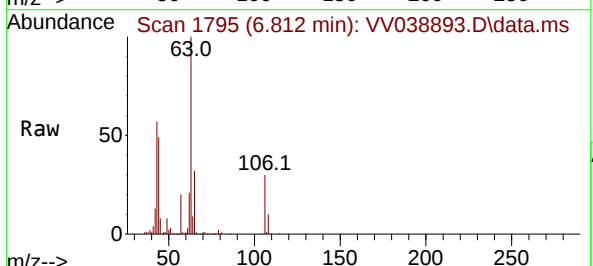
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

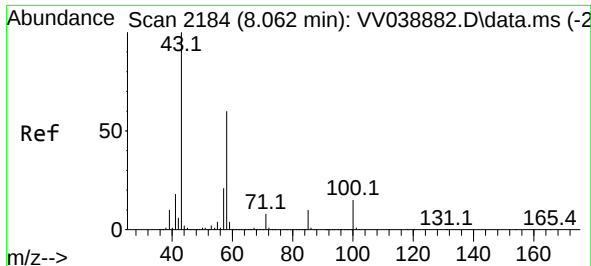
Tgt Ion: 76 Resp: 176146
Ion Ratio Lower Upper
76 100
78 33.3 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 115.087 ug/l
RT: 6.812 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 63 Resp: 468744
Ion Ratio Lower Upper
63 100
106 29.5 24.1 36.1

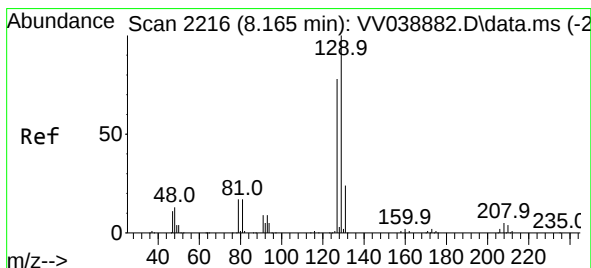
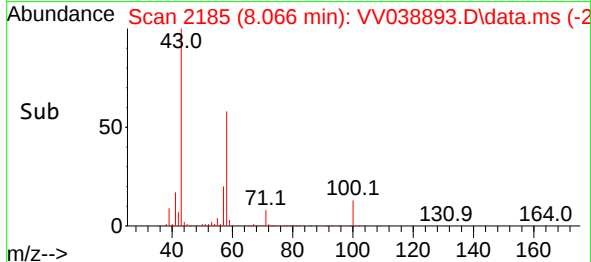
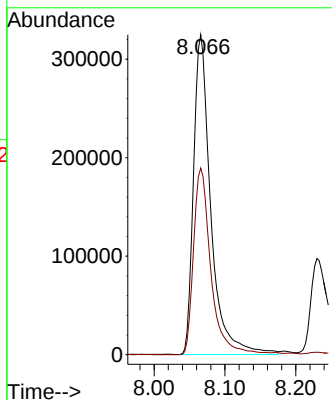
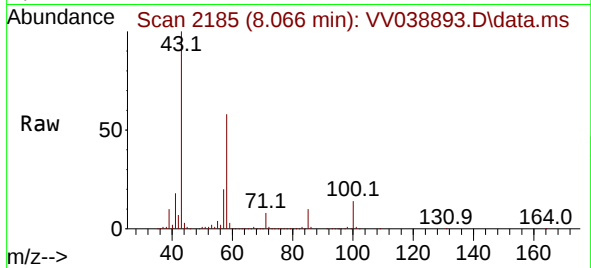




#59
2-Hexanone
Concen: 104.634 ug/l
RT: 8.066 min Scan# 2185
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

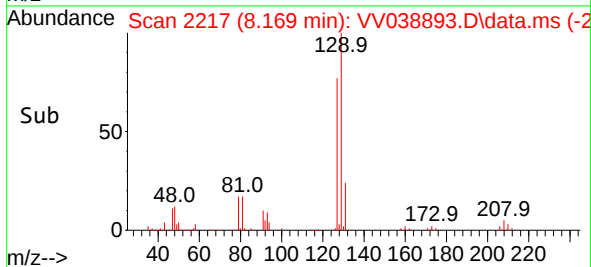
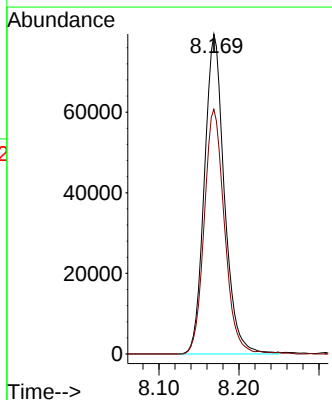
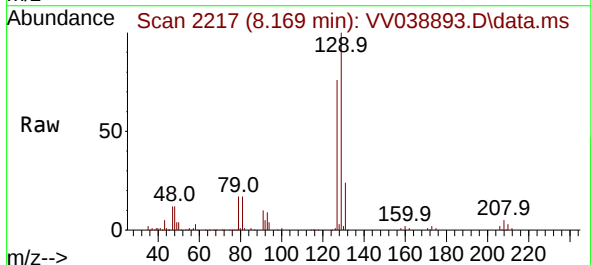
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

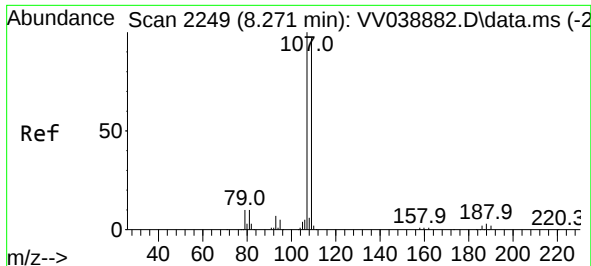
Tgt Ion: 43 Resp: 549486
Ion Ratio Lower Upper
43 100
58 58.5 29.6 88.8



#60
Dibromochloromethane
Concen: 20.619 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 129 Resp: 137907
Ion Ratio Lower Upper
129 100
127 77.5 39.4 118.2

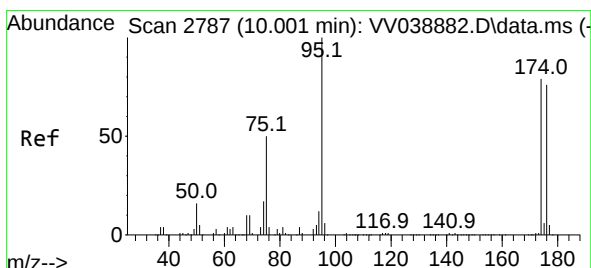
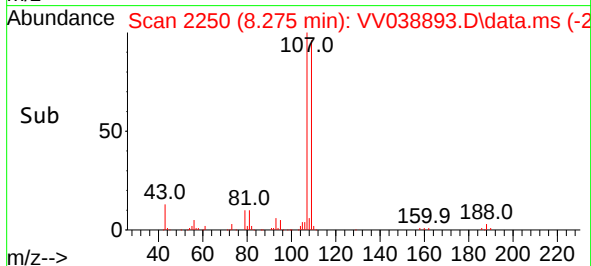
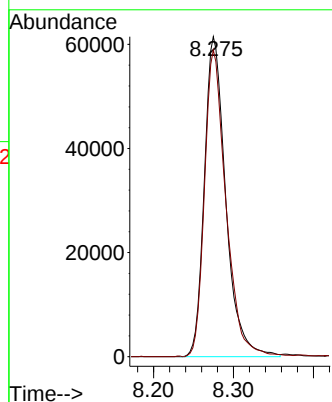
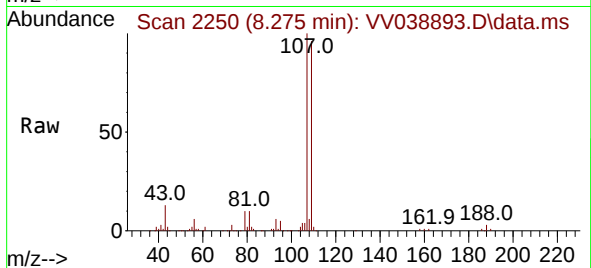




#61
1,2-Dibromoethane
Concen: 19.981 ug/l
RT: 8.275 min Scan# 211
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

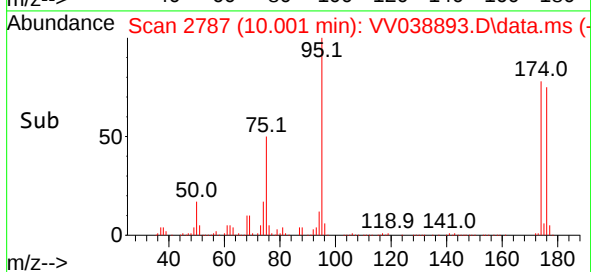
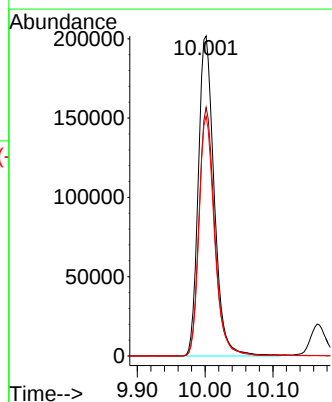
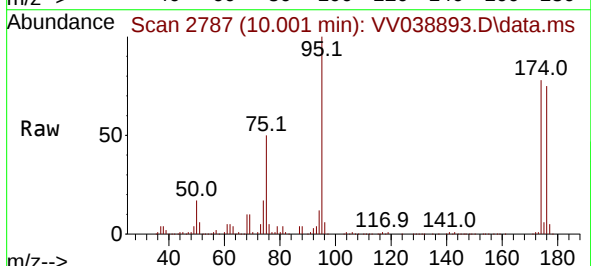
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

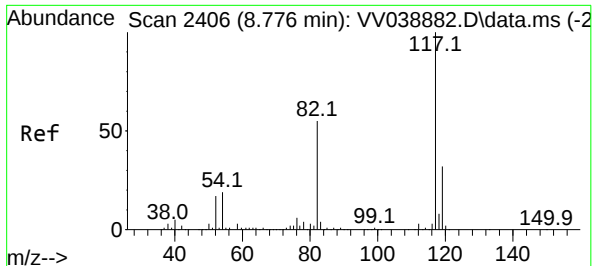
Tgt Ion:107 Resp: 114328
Ion Ratio Lower Upper
107 100
109 96.2 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 55.797 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 95 Resp: 328929
Ion Ratio Lower Upper
95 100
174 76.3 0.0 160.0
176 73.0 0.0 152.2

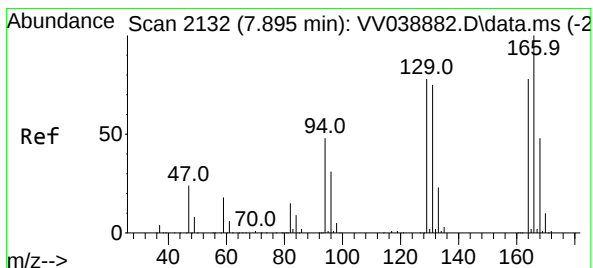
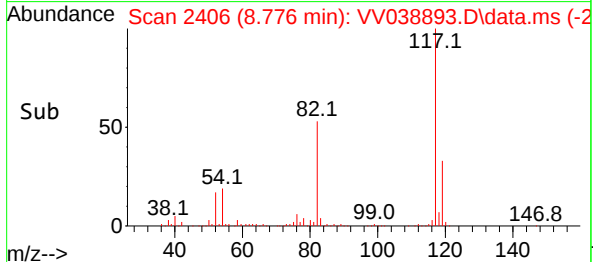
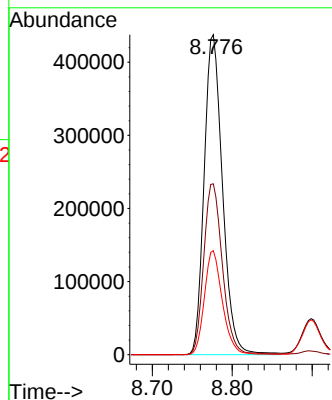
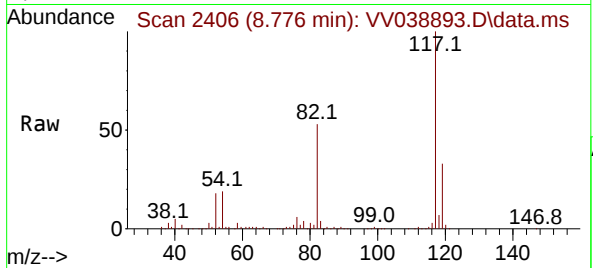




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

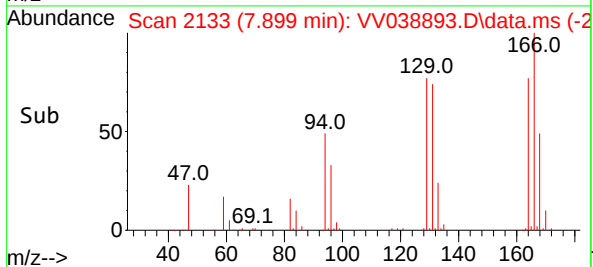
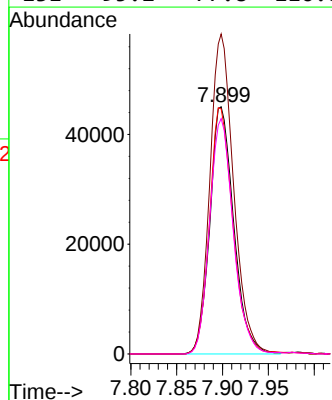
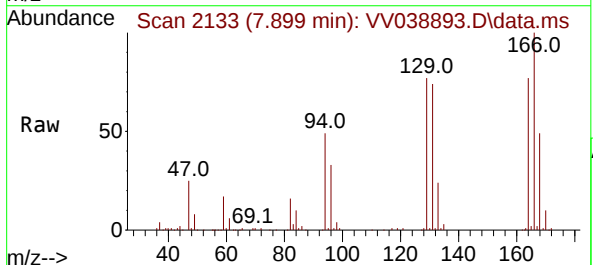
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

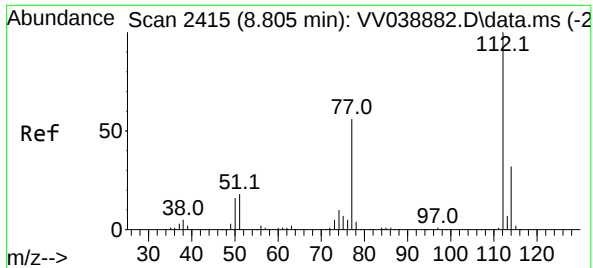
Tgt Ion:117 Resp: 700732
Ion Ratio Lower Upper
117 100
82 53.4 43.7 65.5
119 32.5 25.4 38.0



#64
Tetrachloroethene
Concen: 17.758 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion:164 Resp: 81610
Ion Ratio Lower Upper
164 100
166 129.5 103.2 154.8
129 99.2 81.0 121.4
131 95.2 77.8 116.8

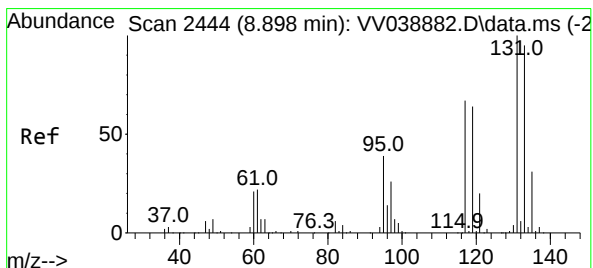
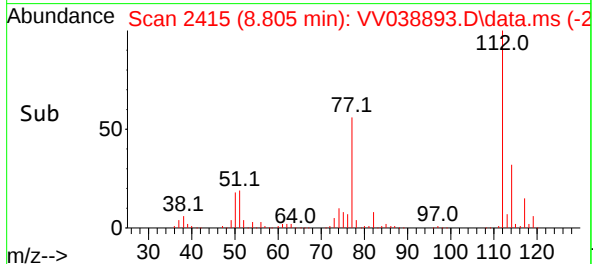
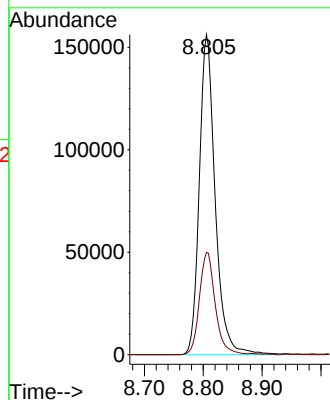
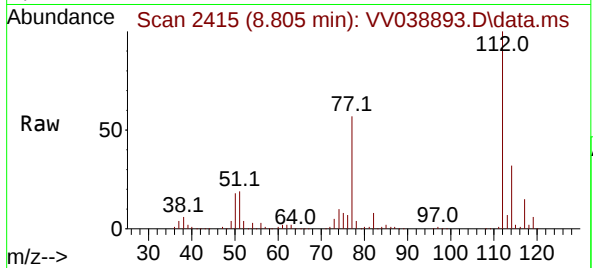




#65
Chlorobenzene
Concen: 19.077 ug/l
RT: 8.805 min Scan# 2415
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

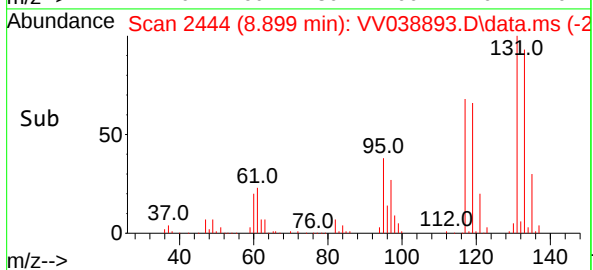
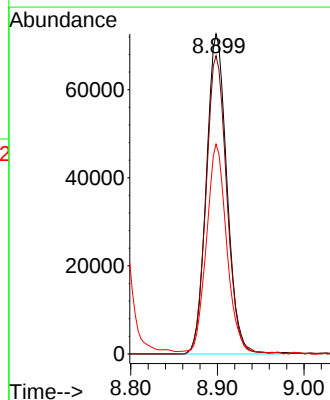
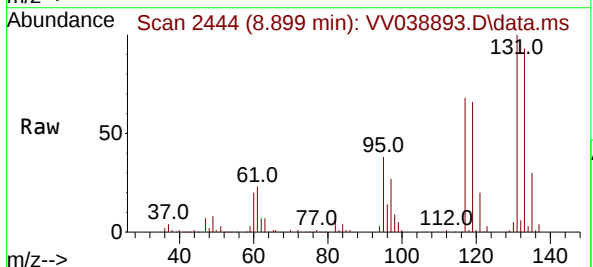
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

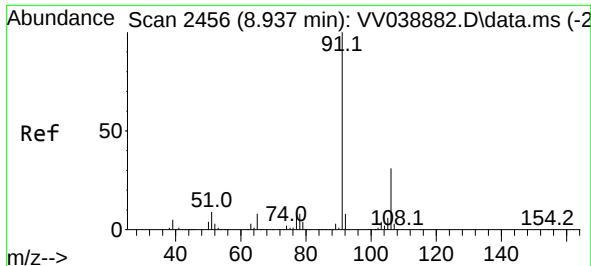
Tgt Ion:112 Resp: 292089
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.576 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion:131 Resp: 119534
Ion Ratio Lower Upper
131 100
133 94.2 47.6 142.9
119 64.3 32.0 96.2





#67

Ethyl Benzene

Concen: 19.590 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. 0.000 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

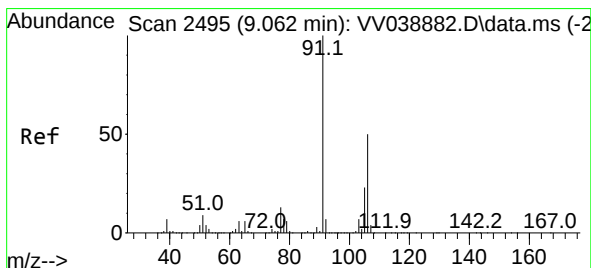
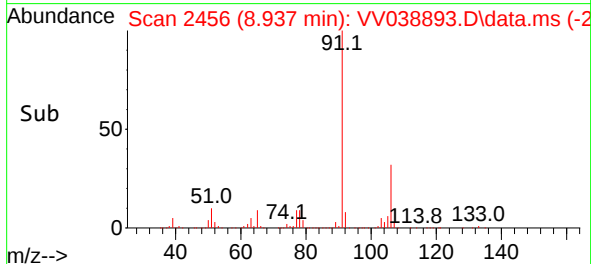
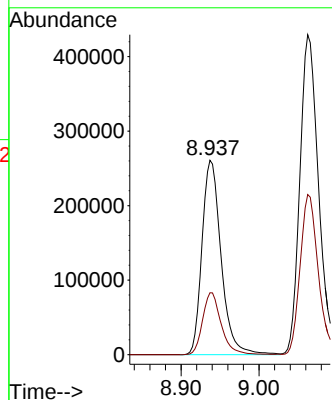
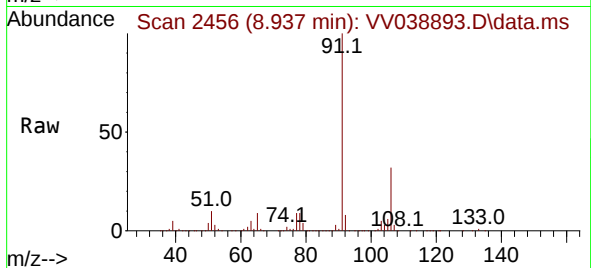
VV0715WBS01

Tgt Ion: 91 Resp: 445377

Ion Ratio Lower Upper

91 100

106 31.9 24.8 37.2



#68

m/p-Xylenes

Concen: 39.654 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038893.D

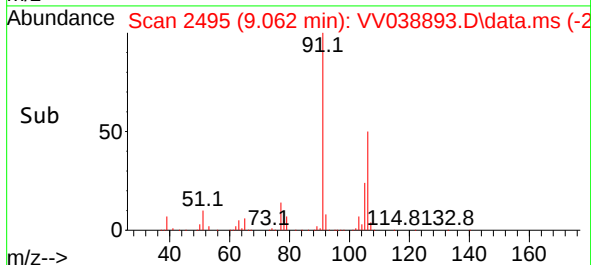
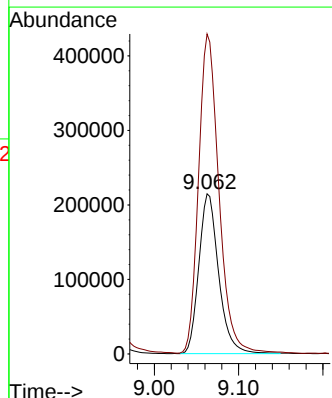
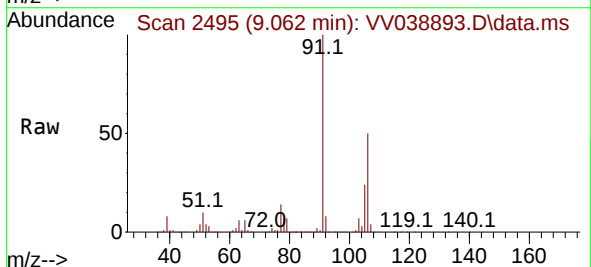
Acq: 15 Jul 2025 10:32

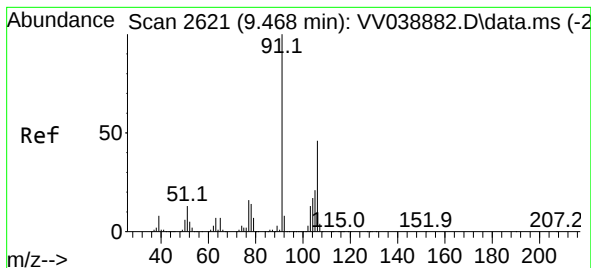
Tgt Ion: 106 Resp: 351001

Ion Ratio Lower Upper

106 100

91 206.1 161.0 241.6





#69

o-Xylene

Concen: 19.691 ug/l

RT: 9.468 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

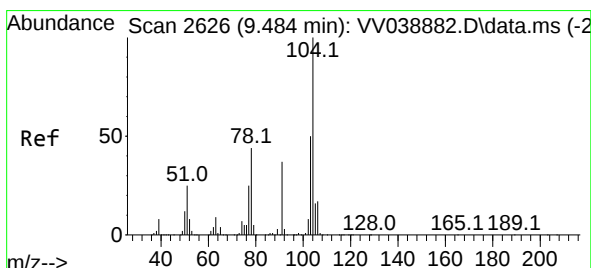
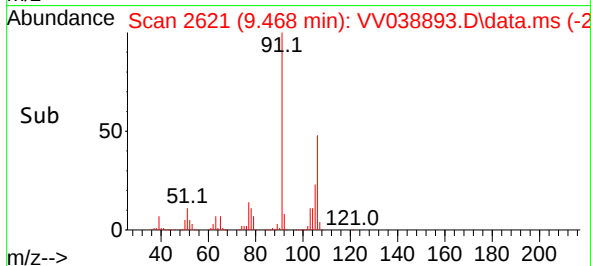
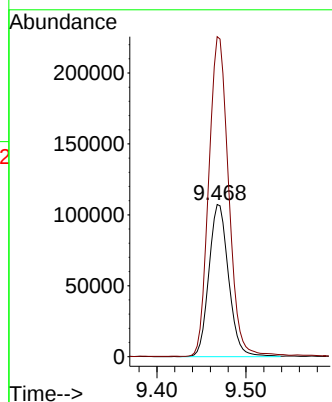
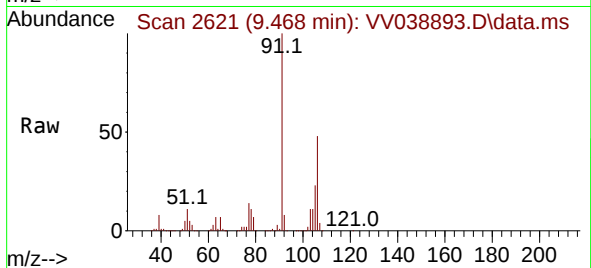
VV0715WBS01

Tgt Ion:106 Resp: 164510

Ion Ratio Lower Upper

106 100

91 212.1 108.9 326.6



#70

Styrene

Concen: 20.799 ug/l

RT: 9.487 min Scan# 2627

Delta R.T. 0.003 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

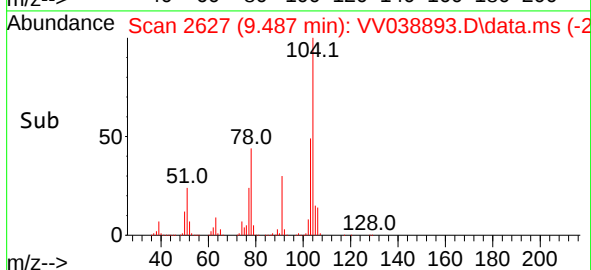
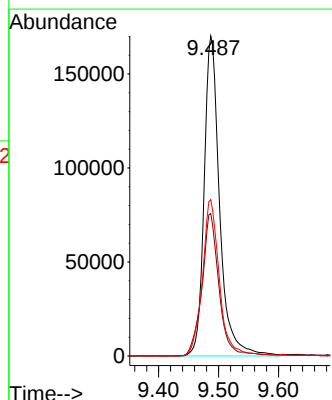
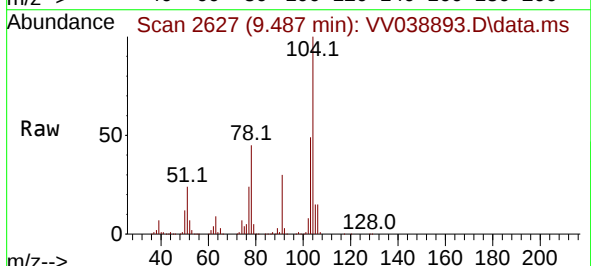
Tgt Ion:104 Resp: 307113

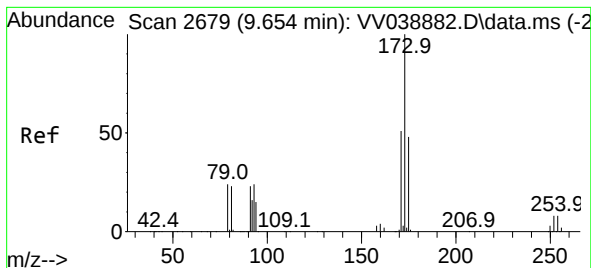
Ion Ratio Lower Upper

104 100

78 49.0 39.9 59.9

103 53.7 43.4 65.2





#71

Bromoform

Concen: 19.641 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

VV0715WBS01

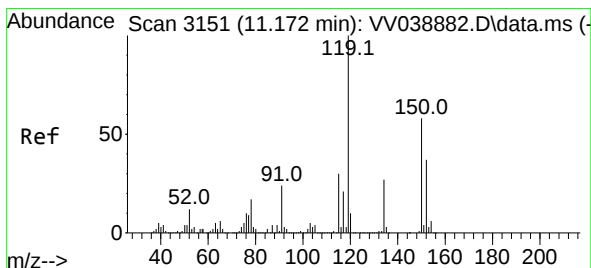
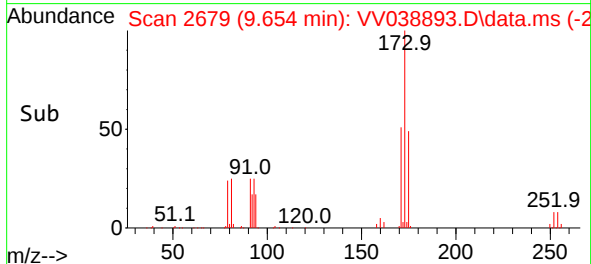
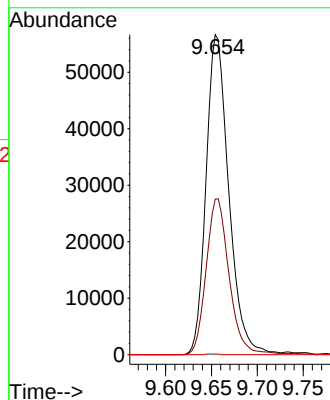
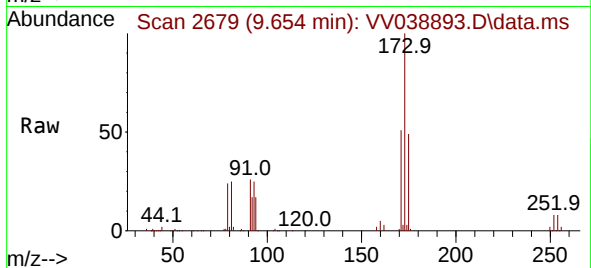
Tgt Ion:173 Resp: 97482

Ion Ratio Lower Upper

173 100

175 49.3 23.5 70.6

254 0.1 0.1 0.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

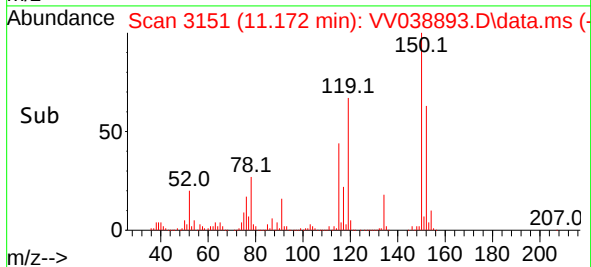
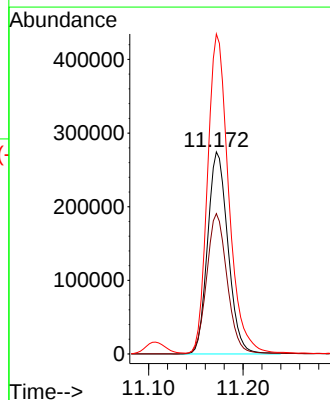
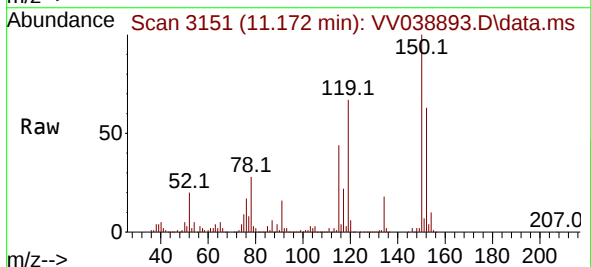
Tgt Ion:152 Resp: 411155

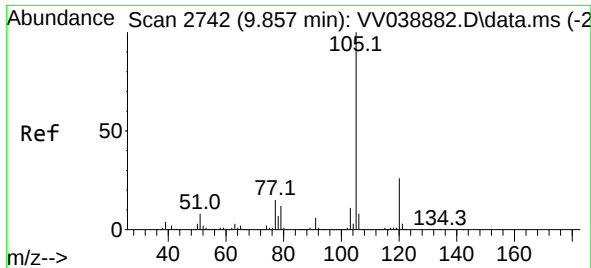
Ion Ratio Lower Upper

152 100

115 69.7 41.8 125.4

150 163.5 0.0 342.4

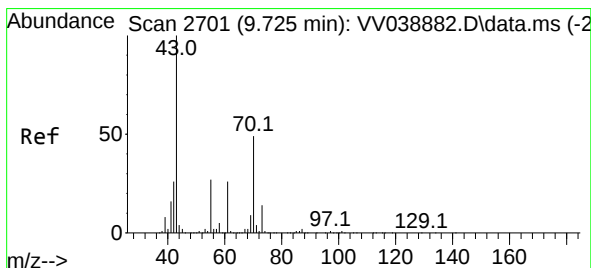
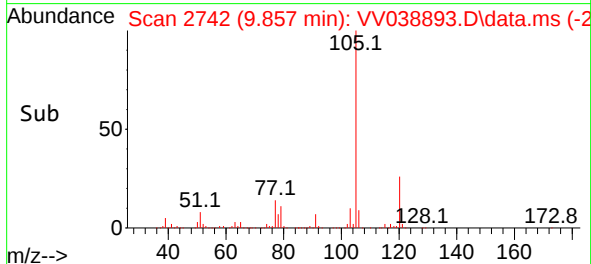
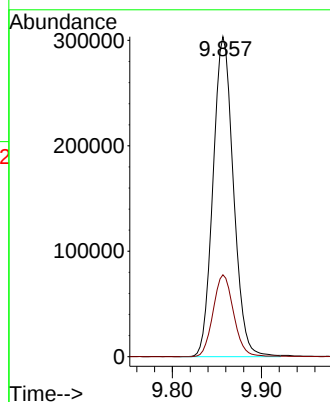
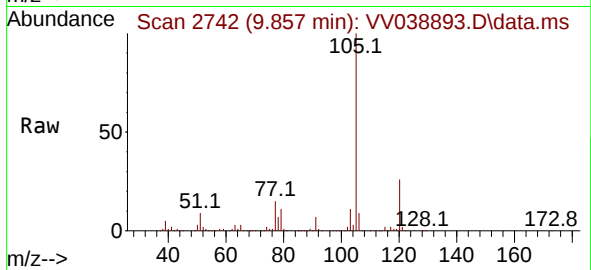




#73
Isopropylbenzene
Concen: 19.658 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

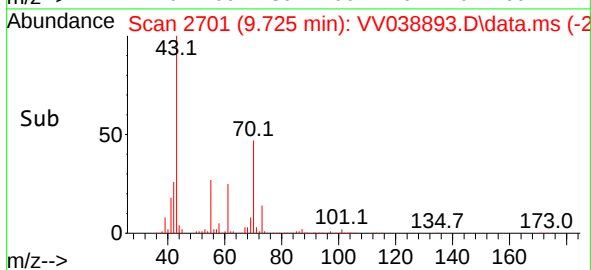
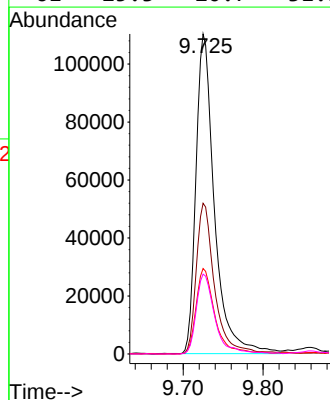
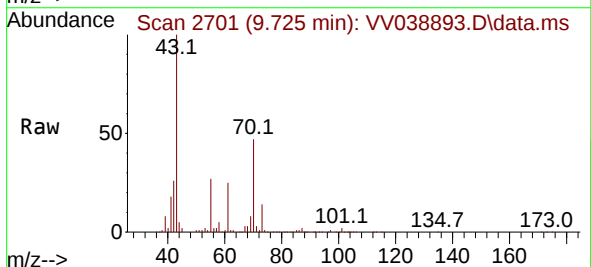
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

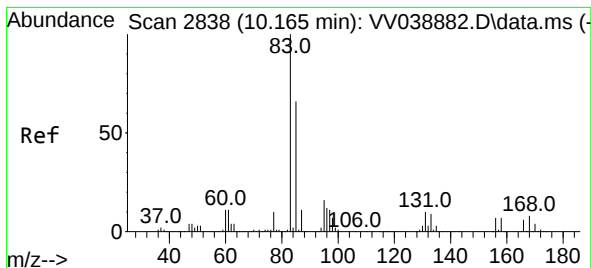
Tgt Ion:105 Resp: 482949
Ion Ratio Lower Upper
105 100
120 25.6 12.9 38.7



#74
N-ethyl acetate
Concen: 19.757 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 43 Resp: 177801
Ion Ratio Lower Upper
43 100
70 46.9 38.6 58.0
55 27.2 21.8 32.8
61 25.3 20.7 31.1

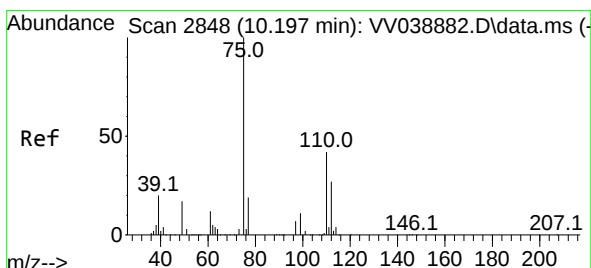
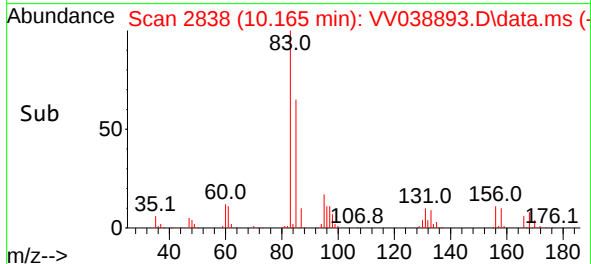
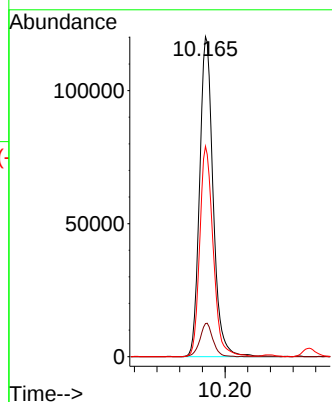
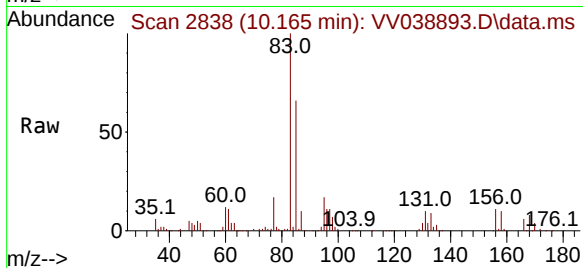




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.312 ug/l
 RT: 10.165 min Scan# 2838
 Delta R.T. 0.000 min
 Lab File: VV038893.D
 Acq: 15 Jul 2025 10:32

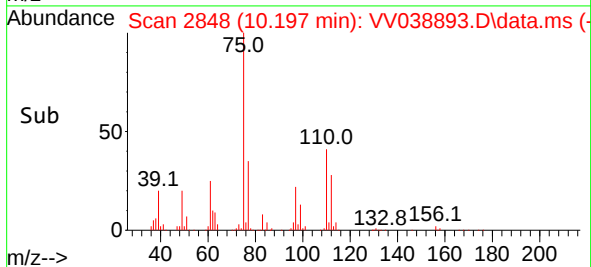
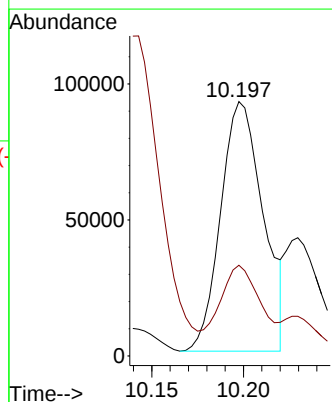
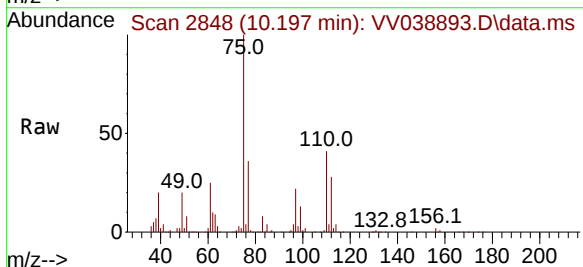
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0715WBS01

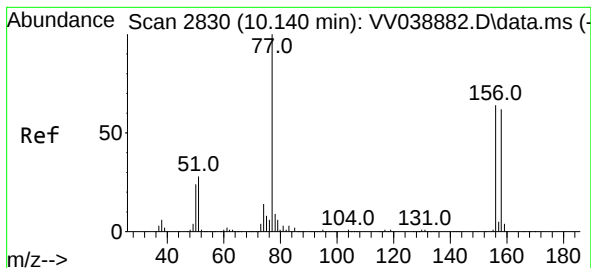
Tgt Ion: 83 Resp: 198720
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.1 15.4
 85 65.4 32.6 97.7



#76
 1,2,3-Trichloropropane
 Concen: 19.410 ug/l
 RT: 10.197 min Scan# 2848
 Delta R.T. 0.000 min
 Lab File: VV038893.D
 Acq: 15 Jul 2025 10:32

Tgt Ion: 75 Resp: 148379
 Ion Ratio Lower Upper
 75 100
 77 21.6 17.4 52.3





#77

Bromobenzene

Concen: 19.523 ug/l

RT: 10.143 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

VV0715WBS01

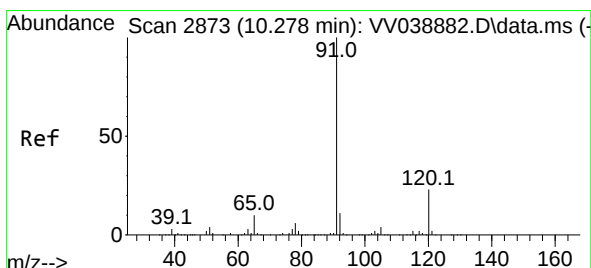
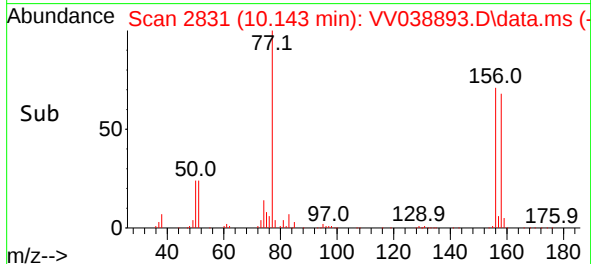
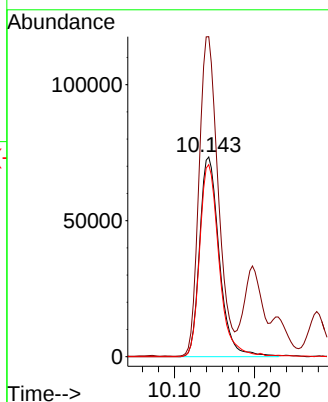
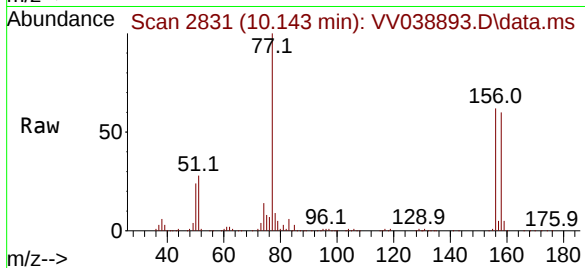
Tgt Ion:156 Resp: 125816

Ion Ratio Lower Upper

156 100

77 155.3 77.2 231.6

158 94.6 48.4 145.3



#78

n-propylbenzene

Concen: 19.960 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038893.D

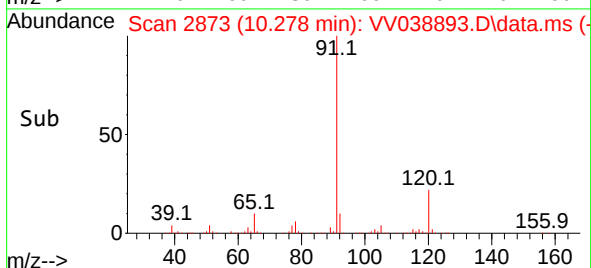
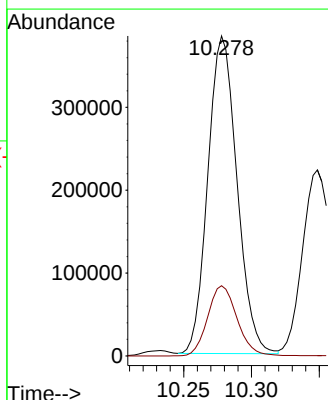
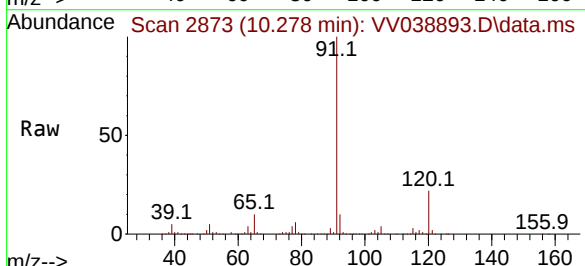
Acq: 15 Jul 2025 10:32

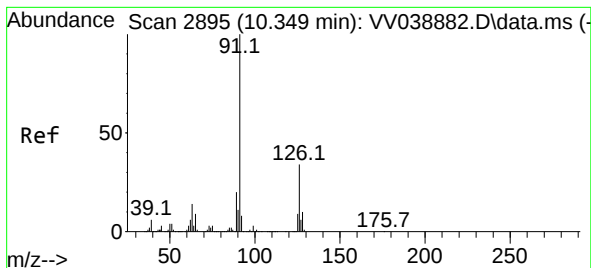
Tgt Ion: 91 Resp: 573108

Ion Ratio Lower Upper

91 100

120 22.4 11.6 34.8





#79

2-Chlorotoluene

Concen: 19.352 ug/l

RT: 10.349 min Scan# 2895

Delta R.T. 0.000 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

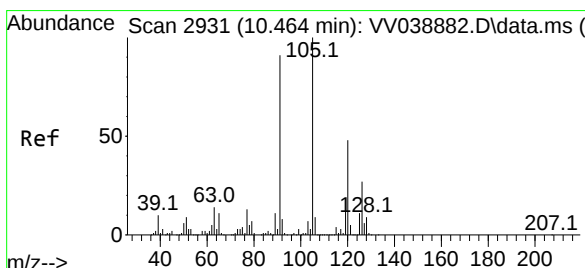
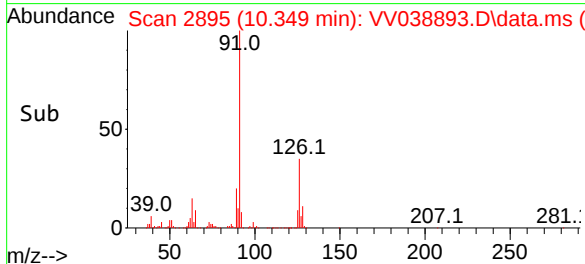
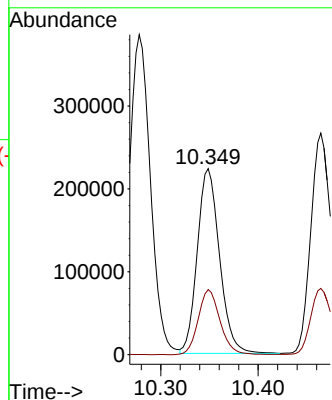
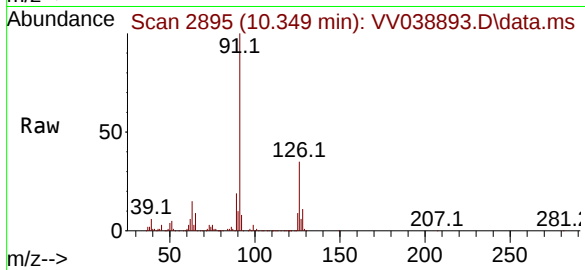
VV0715WBS01

Tgt Ion: 91 Resp: 353369

Ion Ratio Lower Upper

91 100

126 34.6 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 20.037 ug/l

RT: 10.464 min Scan# 2931

Delta R.T. 0.000 min

Lab File: VV038893.D

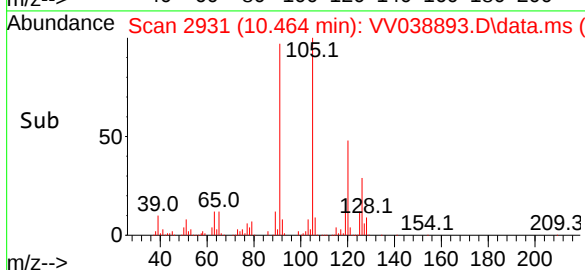
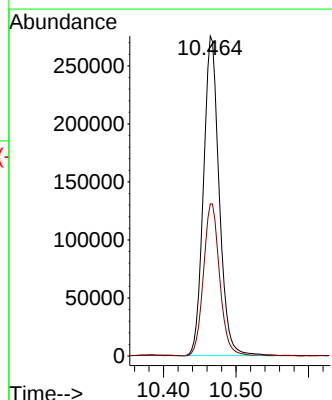
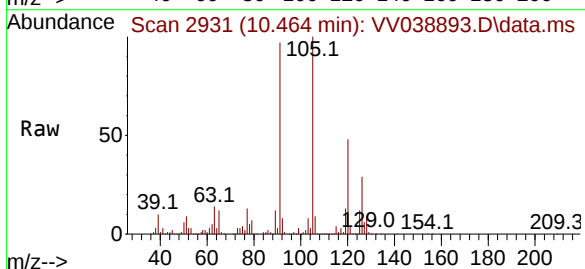
Acq: 15 Jul 2025 10:32

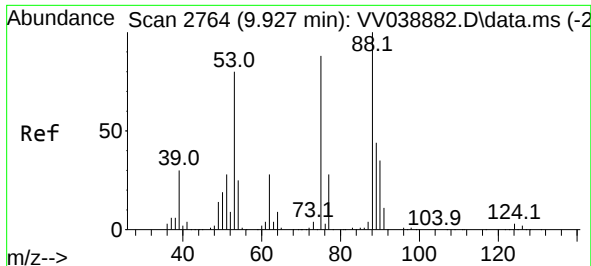
Tgt Ion: 105 Resp: 415120

Ion Ratio Lower Upper

105 100

120 49.0 24.0 72.0

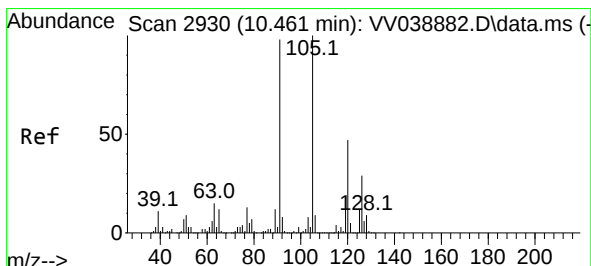
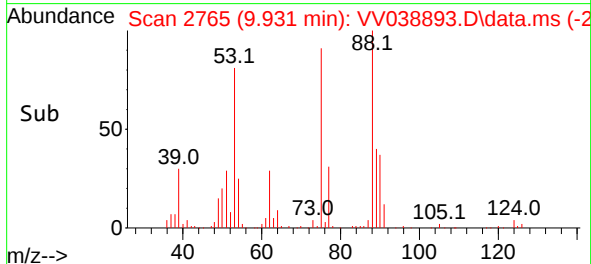
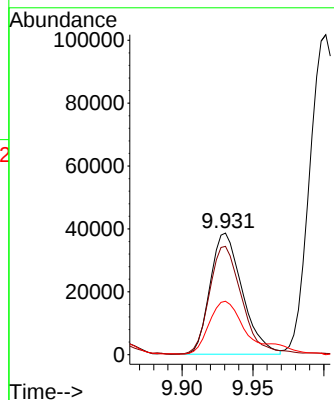
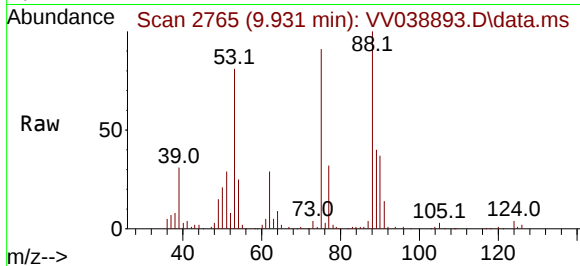




#81
trans-1,4-Dichloro-2-butene
Concen: 19.428 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

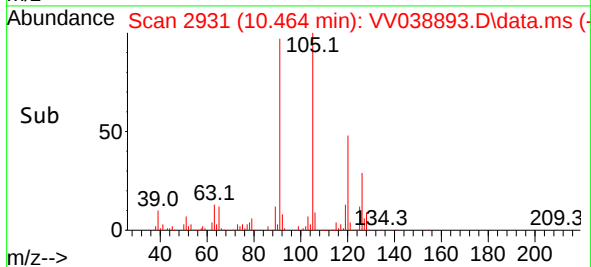
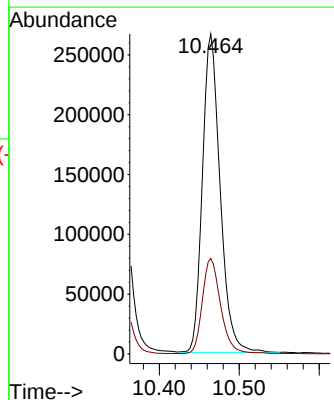
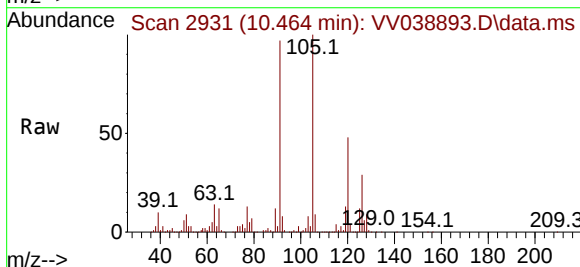
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

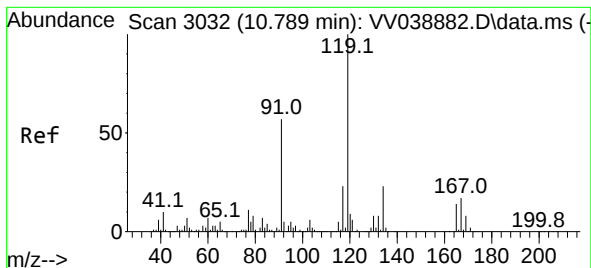
Tgt Ion: 75 Resp: 60861
Ion Ratio Lower Upper
75 100
53 89.1 71.3 106.9
89 53.9 42.2 63.2



#82
4-Chlorotoluene
Concen: 20.085 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 91 Resp: 409966
Ion Ratio Lower Upper
91 100
126 30.7 14.9 44.9





#83

tert-Butylbenzene

Concen: 18.911 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

VV0715WBS01

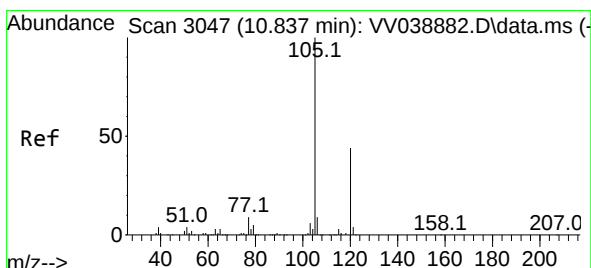
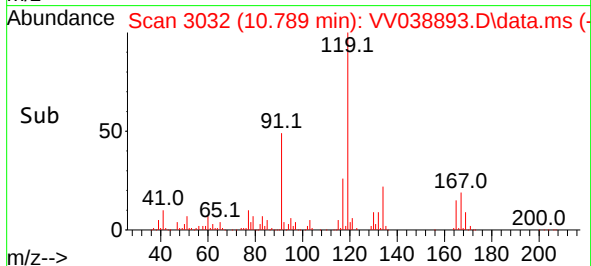
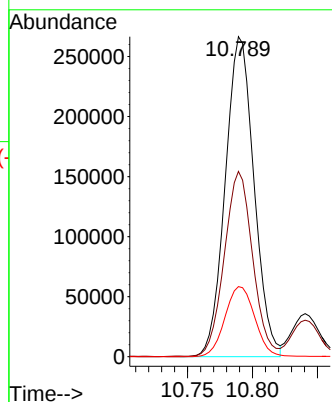
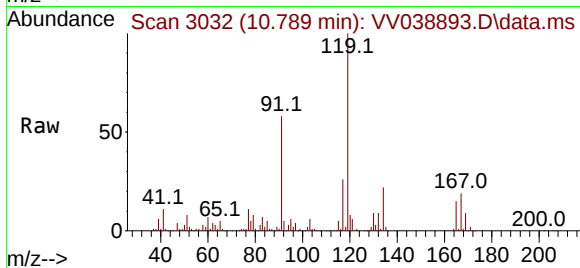
Tgt Ion:119 Resp: 410772

Ion Ratio Lower Upper

119 100

91 56.7 28.1 84.2

134 22.8 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 20.046 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038893.D

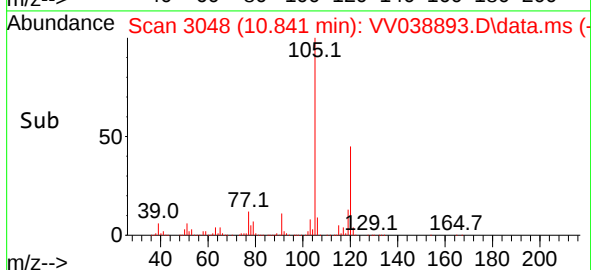
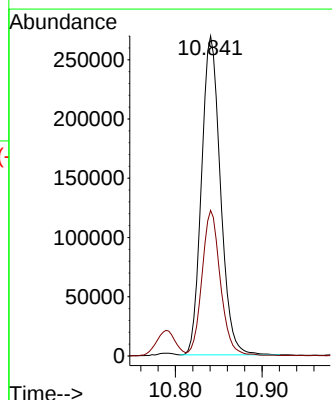
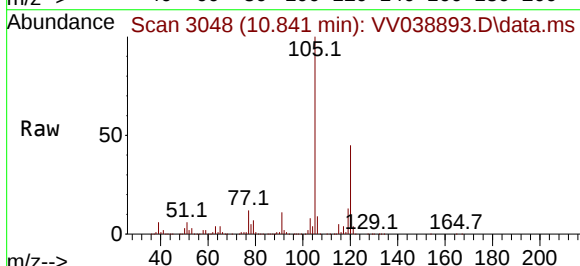
Acq: 15 Jul 2025 10:32

Tgt Ion:105 Resp: 408651

Ion Ratio Lower Upper

105 100

120 44.5 22.6 67.8





#85

sec-Butylbenzene

Concen: 19.628 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

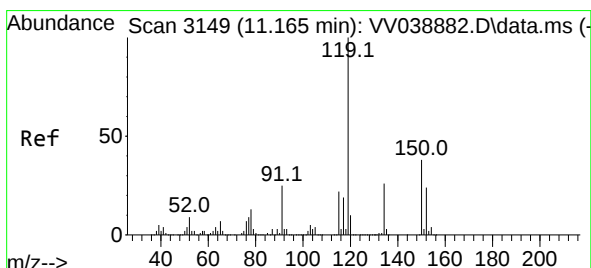
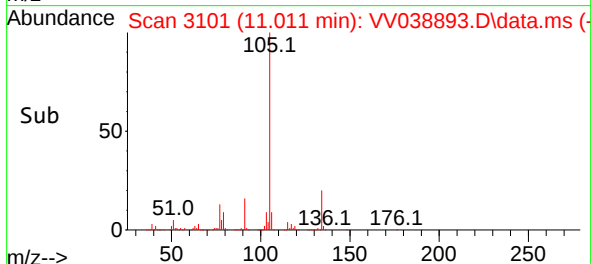
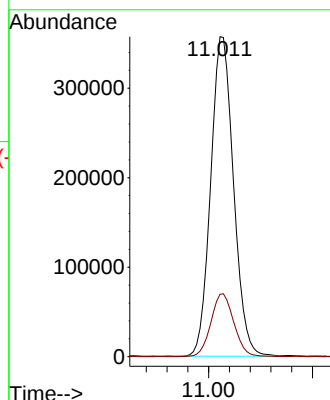
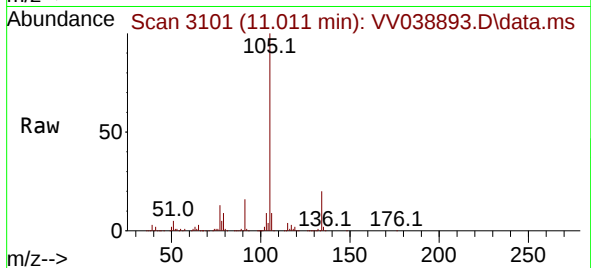
VV0715WBS01

Tgt Ion:105 Resp: 544129

Ion Ratio Lower Upper

105 100

134 19.8 9.9 29.7



#86

p-Isopropyltoluene

Concen: 19.964 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

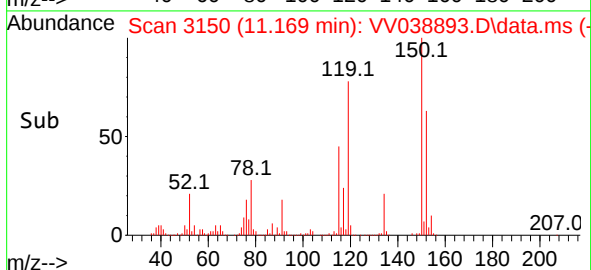
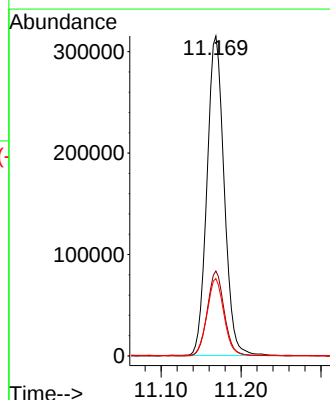
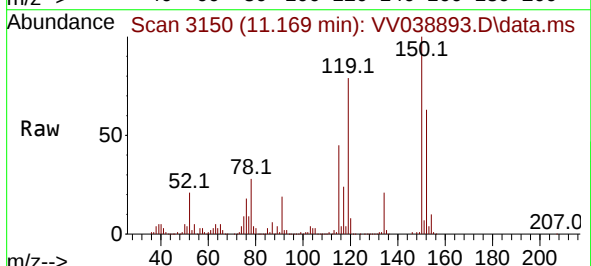
Tgt Ion:119 Resp: 469890

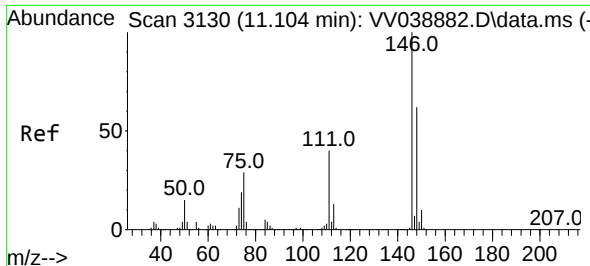
Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 24.0 12.3 36.8





#87

1,3-Dichlorobenzene

Concen: 19.188 ug/l

RT: 11.107 min Scan# 3131

Delta R.T. 0.003 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

VV0715WBS01

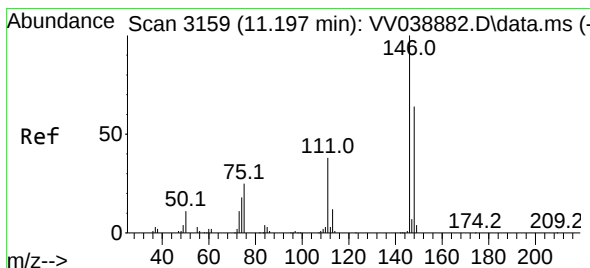
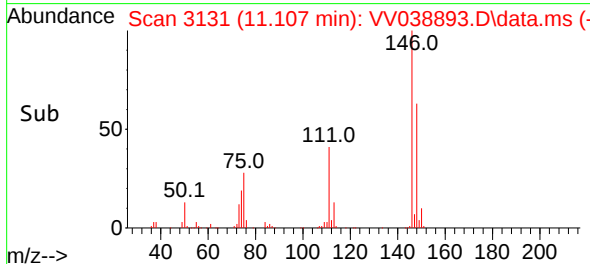
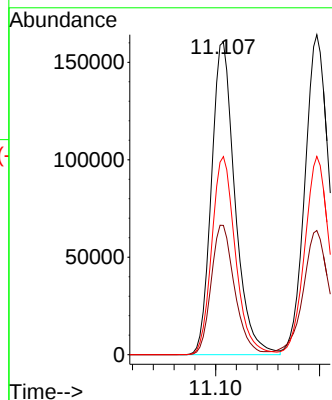
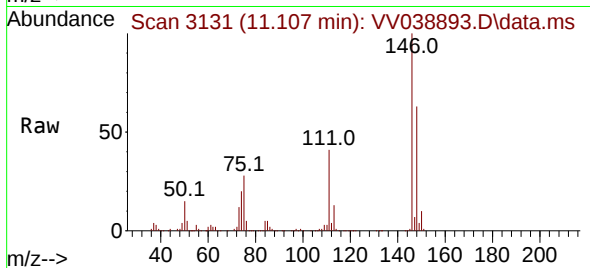
Tgt Ion:146 Resp: 252393

Ion Ratio Lower Upper

146 100

111 41.4 20.2 60.5

148 63.7 31.4 94.3



#88

1,4-Dichlorobenzene

Concen: 19.065 ug/l

RT: 11.197 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

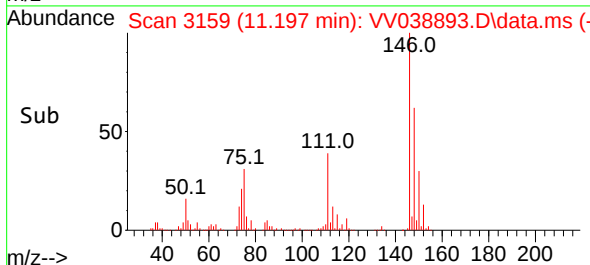
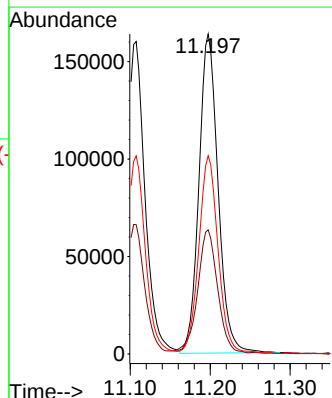
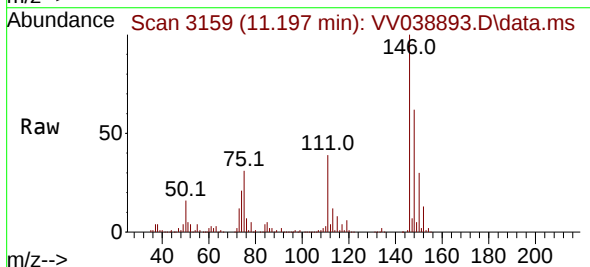
Tgt Ion:146 Resp: 272803

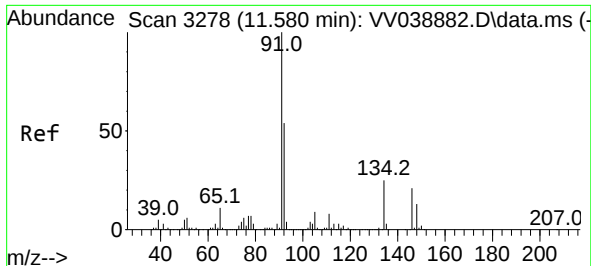
Ion Ratio Lower Upper

146 100

111 40.3 19.8 59.3

148 62.7 32.1 96.5





#89

n-Butylbenzene

Concen: 19.994 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

VV0715WBS01

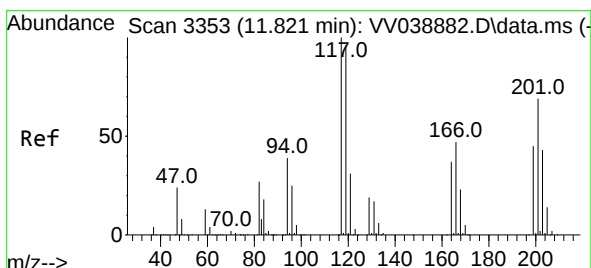
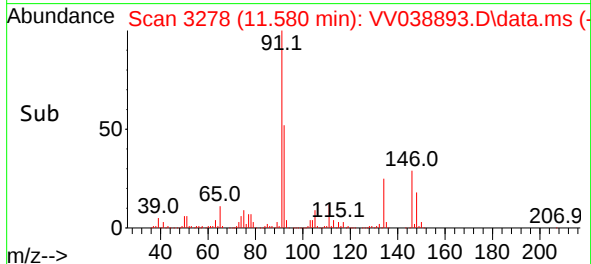
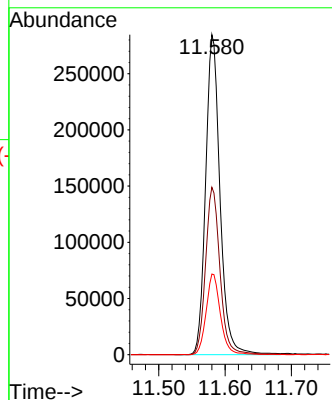
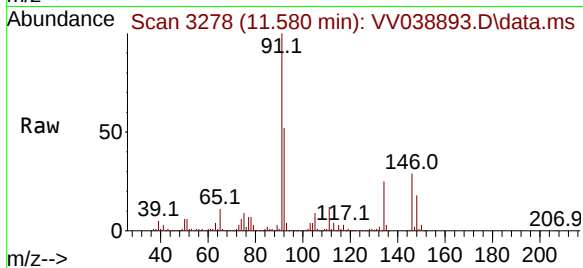
Tgt Ion: 91 Resp: 429605

Ion Ratio Lower Upper

91 100

92 52.4 26.7 80.1

134 25.1 12.7 38.1



#90

Hexachloroethane

Concen: 18.084 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV038893.D

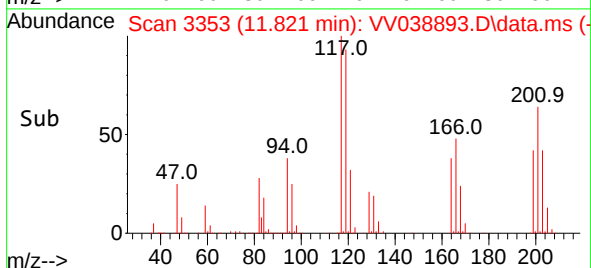
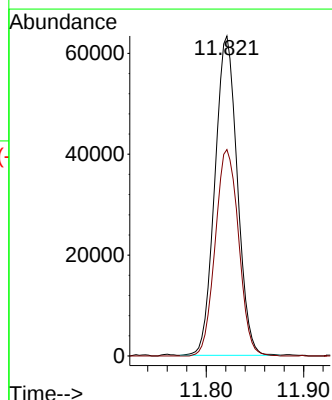
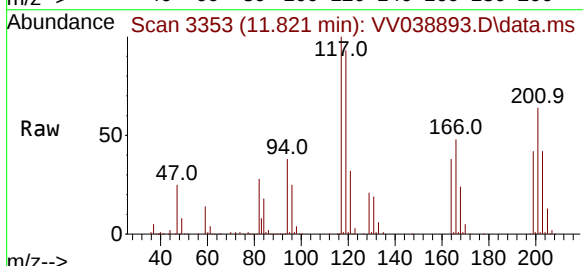
Acq: 15 Jul 2025 10:32

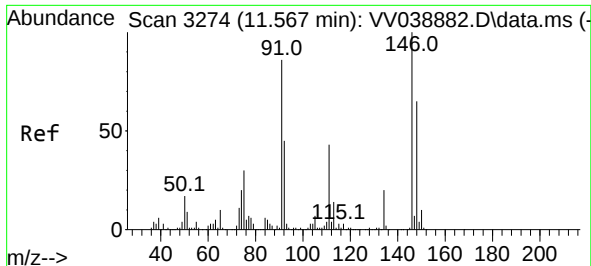
Tgt Ion: 117 Resp: 101234

Ion Ratio Lower Upper

117 100

201 67.5 34.0 102.0

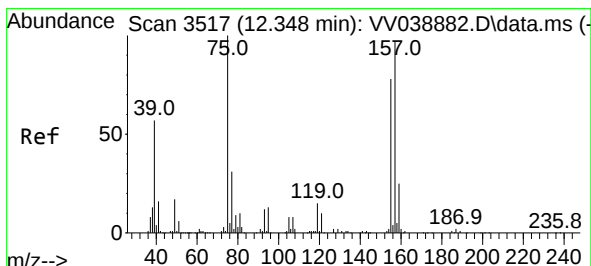
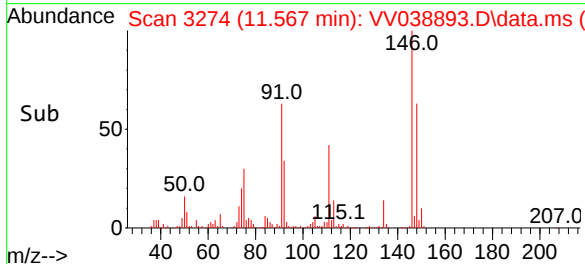
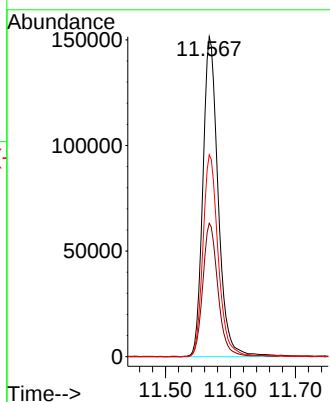
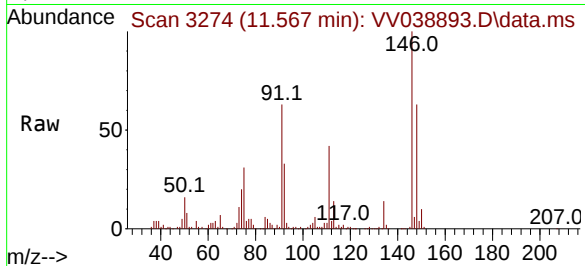




#91
1,2-Dichlorobenzene
Concen: 19.417 ug/l
RT: 11.567 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

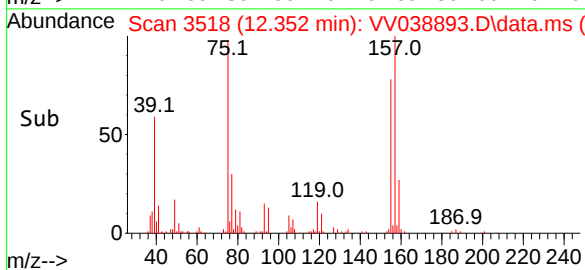
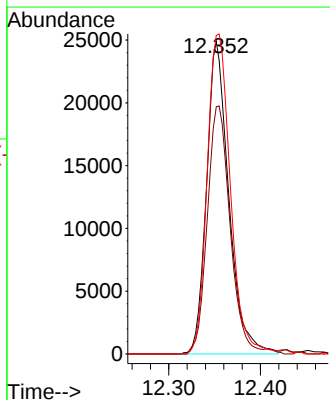
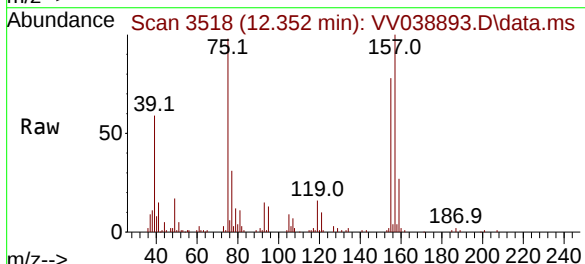
Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

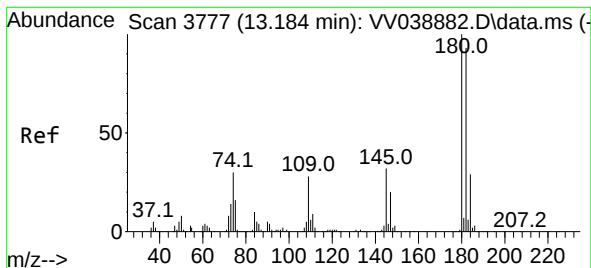
Tgt Ion:146 Resp: 247938
Ion Ratio Lower Upper
146 100
111 41.3 21.4 64.3
148 63.2 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.044 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion: 75 Resp: 41980
Ion Ratio Lower Upper
75 100
155 81.0 40.2 120.6
157 106.7 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 19.799 ug/l

RT: 13.185 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

Instrument :

MSVOA_V

ClientSampleId :

VV0715WBS01

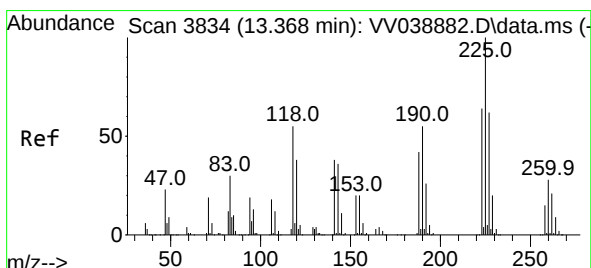
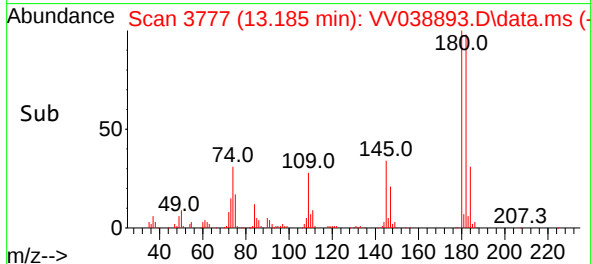
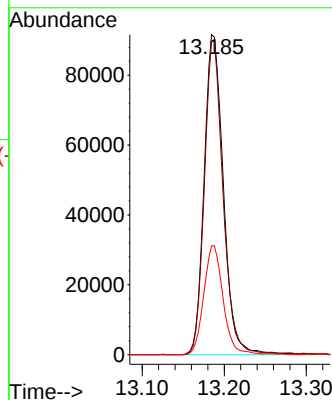
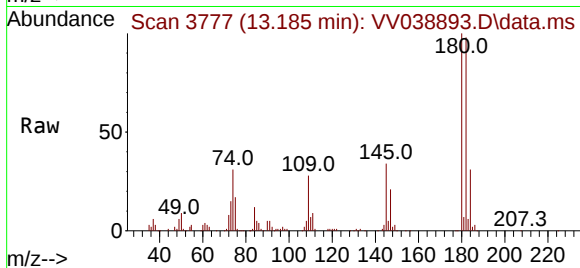
Tgt Ion:180 Resp: 149237

Ion Ratio Lower Upper

180 100

182 95.3 47.4 142.3

145 34.2 16.2 48.6



#94

Hexachlorobutadiene

Concen: 18.601 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038893.D

Acq: 15 Jul 2025 10:32

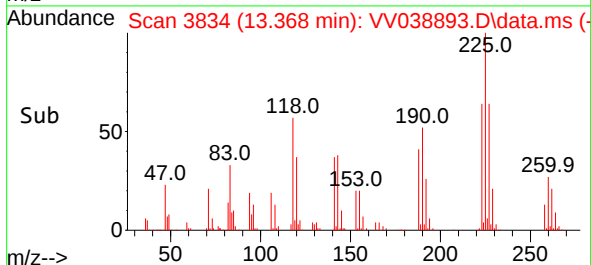
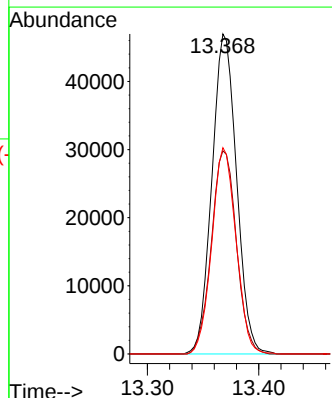
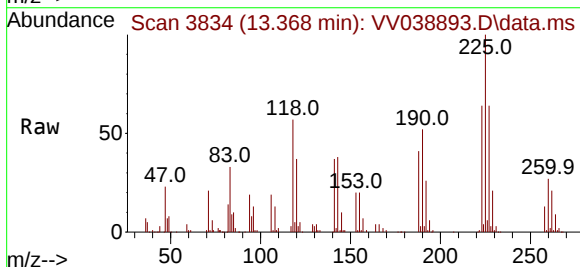
Tgt Ion:225 Resp: 72202

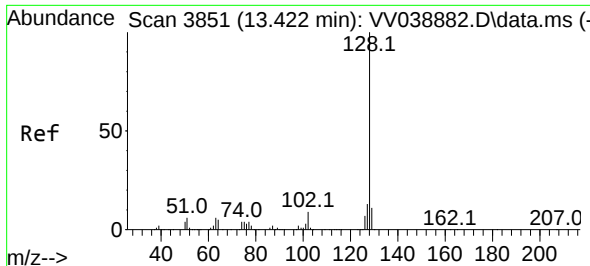
Ion Ratio Lower Upper

225 100

223 64.5 32.4 97.2

227 63.2 31.3 93.9

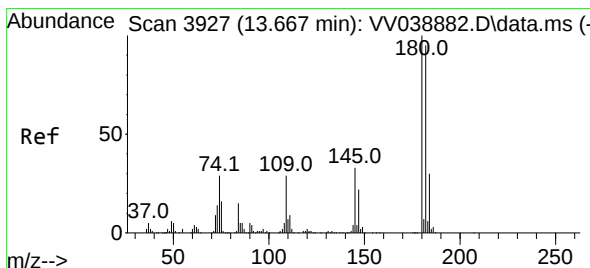
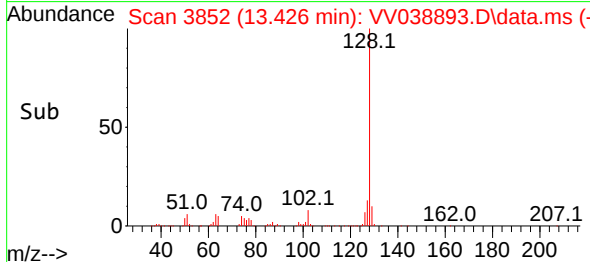
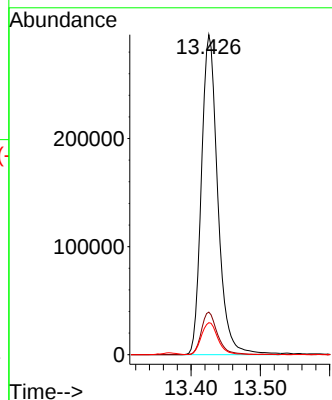
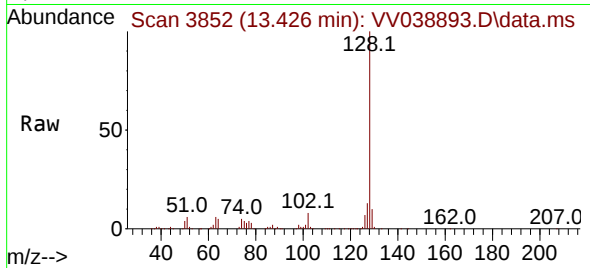




#95
Naphthalene
Concen: 19.582 ug/l
RT: 13.426 min Scan# 3852
Delta R.T. 0.003 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Instrument :
MSVOA_V
ClientSampleId :
VV0715WBS01

Tgt Ion:128 Resp: 484963
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.955 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. 0.000 min
Lab File: VV038893.D
Acq: 15 Jul 2025 10:32

Tgt Ion:180 Resp: 155902
Ion Ratio Lower Upper
180 100
182 93.1 47.0 141.2
145 33.3 17.0 51.0

