

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
 Data File : VV038869.D
 Acq On : 07 Jul 2025 13:53
 Operator : SY/MD
 Sample : VV0707WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0707WBSD01

Quant Time: Jul 08 02:40:34 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V070225W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 08 02:37:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	436583	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	728466	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	705889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	395484	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.944	65	276456	56.501	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	113.000%
35) Dibromofluoromethane	4.503	113	244412	52.969	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	105.940%
50) Toluene-d8	7.236	98	732289	49.051	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	98.100%
62) 4-Bromofluorobenzene	10.001	95	344775	57.162	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	114.320%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	74439	17.962	ug/l	98
3) Chloromethane	1.230	50	82192	16.164	ug/l	100
4) Vinyl Chloride	1.298	62	86822	18.361	ug/l	98
5) Bromomethane	1.494	94	69552	24.102	ug/l	93
6) Chloroethane	1.561	64	58995	18.610	ug/l	94
7) Trichlorofluoromethane	1.725	101	159149	19.023	ug/l	93
8) Diethyl Ether	1.918	74	60955	20.937	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	91524	19.347	ug/l	99
10) Methyl Iodide	2.198	142	109273	18.206	ug/l	99
11) Tert butyl alcohol	2.564	59	95034	148.798	ug/l	99
12) 1,1-Dichloroethene	2.082	96	83205	18.506	ug/l	98
13) Acrolein	2.011	56	19882	124.670	ug/l	87
14) Allyl chloride	2.359	41	129548	21.425	ug/l	95
15) Acrylonitrile	2.674	53	300153	134.349	ug/l	97
16) Acetone	2.118	43	239289	146.753	ug/l	96
17) Carbon Disulfide	2.253	76	166085	15.947	ug/l	99
18) Methyl Acetate	2.381	43	149607	26.908	ug/l	94
19) Methyl tert-butyl Ether	2.709	73	345774	24.873	ug/l	100
20) Methylene Chloride	2.458	84	115028	21.346	ug/l	98
21) trans-1,2-Dichloroethene	2.706	96	91103	20.261	ug/l	99
22) Diisopropyl ether	3.214	45	308532	24.889	ug/l	94
23) Vinyl Acetate	3.191	43	1121080	125.417	ug/l	98
24) 1,1-Dichloroethane	3.121	63	180636	21.616	ug/l	99
25) 2-Butanone	3.867	43	333720	138.399	ug/l	99
26) 2,2-Dichloropropane	3.815	77	158909	20.517	ug/l	98
27) cis-1,2-Dichloroethene	3.825	96	117283	22.383	ug/l	99
28) Bromochloromethane	4.153	49	78886	22.087	ug/l	99
29) Tetrahydrofuran	4.236	42	214571	131.391	ug/l	97
30) Chloroform	4.278	83	206387	22.668	ug/l	99
31) Cyclohexane	4.584	56	118447	17.898	ug/l	97
32) 1,1,1-Trichloroethane	4.516	97	179367	21.226	ug/l	99
36) 1,1-Dichloropropene	4.748	75	106595	19.038	ug/l	99
37) Ethyl Acetate	3.979	43	131188	22.962	ug/l	# 90
38) Carbon Tetrachloride	4.738	117	140285	19.035	ug/l	96
39) Methylcyclohexane	6.047	83	120084	16.403	ug/l	99
40) Benzene	5.011	78	379359	20.518	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.166	41	53585	21.841	ug/l	92
42) 1,2-Dichloroethane	5.047	62	148624	22.705	ug/l	98
43) Isopropyl Acetate	5.191	43	205759	22.574	ug/l	97
44) Trichloroethene	5.838	130	95835	19.862	ug/l	93
45) 1,2-Dichloropropane	6.092	63	96651	20.815	ug/l	100
46) Dibromomethane	6.230	93	83062	22.683	ug/l	96
47) Bromodichloromethane	6.426	83	170929	22.045	ug/l	99
48) Methyl methacrylate	6.301	41	91683	21.154	ug/l	97
49) 1,4-Dioxane	6.291	88	33879	563.949	ug/l	95
51) 4-Methyl-2-Pentanone	7.146	43	729888	126.898	ug/l	98
52) Toluene	7.310	92	251172	21.743	ug/l	98
53) t-1,3-Dichloropropene	7.577	75	157764	21.253	ug/l	98
54) cis-1,3-Dichloropropene	6.953	75	172312	22.703	ug/l	99
55) 1,1,2-Trichloroethane	7.764	97	117646	23.290	ug/l	98
56) Ethyl methacrylate	7.715	69	151111	22.739	ug/l	98
57) 1,3-Dichloropropane	7.937	76	181326	22.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.812	63	311929	103.374	ug/l	99
59) 2-Hexanone	8.063	43	522063	128.686	ug/l	97
60) Dibromochloromethane	8.169	129	145692	22.907	ug/l	97
61) 1,2-Dibromoethane	8.275	107	120592	23.075	ug/l	99
64) Tetrachloroethene	7.899	164	82751	18.230	ug/l	99
65) Chlorobenzene	8.805	112	304574	20.474	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	117820	21.210	ug/l	98
67) Ethyl Benzene	8.937	91	460046	19.738	ug/l	99
68) m/p-Xylenes	9.063	106	367495	41.166	ug/l	98
69) o-Xylene	9.468	106	170798	20.025	ug/l	99
70) Styrene	9.487	104	315123	21.161	ug/l	99
71) Bromoform	9.657	173	102193	22.639	ug/l #	99
73) Isopropylbenzene	9.857	105	481777	20.757	ug/l	100
74) N-amyl acetate	9.725	43	183160	22.545	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	194153	23.074	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	137073	22.401	ug/l	99
77) Bromobenzene	10.143	156	130938	21.868	ug/l	97
78) n-propylbenzene	10.278	91	570510	20.655	ug/l	100
79) 2-Chlorotoluene	10.349	91	358115	21.349	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	417976	21.062	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.931	75	61568	21.418	ug/l	95
82) 4-Chlorotoluene	10.464	91	411501	21.279	ug/l	99
83) tert-Butylbenzene	10.789	119	417656	20.291	ug/l	97
84) 1,2,4-Trimethylbenzene	10.841	105	410136	21.086	ug/l	100
85) sec-Butylbenzene	11.011	105	532341	20.315	ug/l	99
86) p-Isopropyltoluene	11.165	119	461429	20.539	ug/l	99
87) 1,3-Dichlorobenzene	11.108	146	255492	20.989	ug/l	99
88) 1,4-Dichlorobenzene	11.198	146	266126	20.749	ug/l	100
89) n-Butylbenzene	11.580	91	412481	19.810	ug/l	99
90) Hexachloroethane	11.821	117	94458	19.369	ug/l	99
91) 1,2-Dichlorobenzene	11.567	146	242778	21.160	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	40954	22.989	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	152919	20.562	ug/l	100
94) Hexachlorobutadiene	13.368	225	67658	18.852	ug/l	99
95) Naphthalene	13.426	128	494846	20.916	ug/l	99
96) 1,2,3-Trichlorobenzene	13.667	180	159500	20.782	ug/l	100

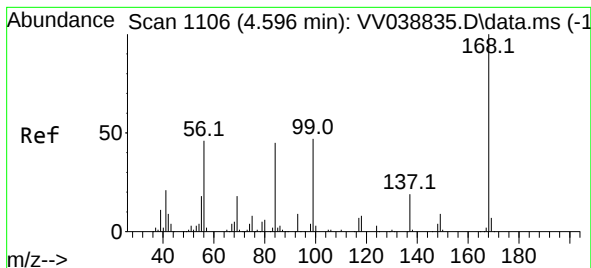
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. 0.004 min

Lab File: VV038869.D

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Instrument :

MSVOA_V

ClientSampleId :

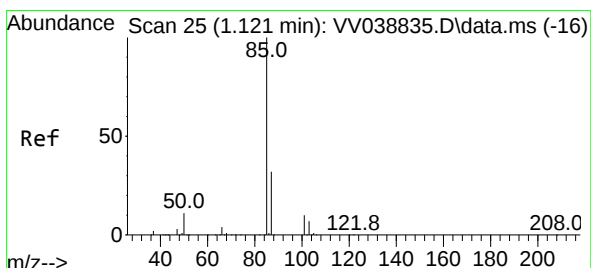
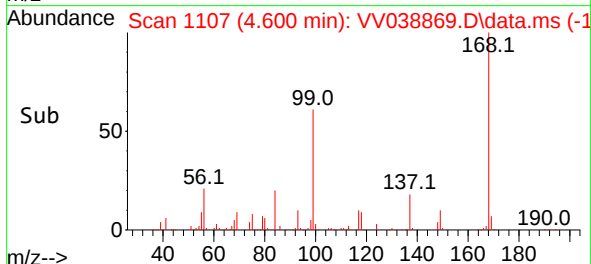
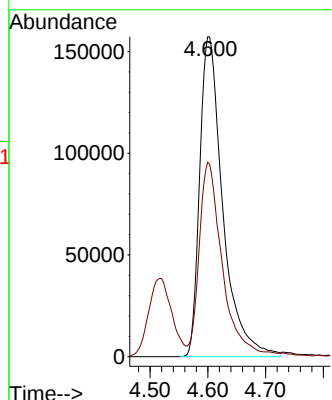
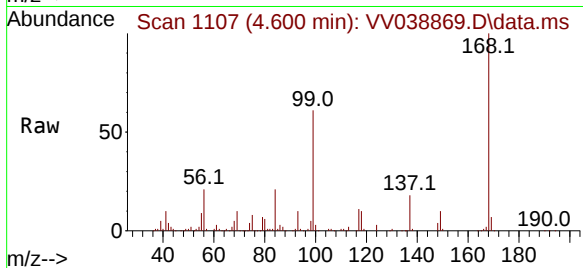
VV0707WBSD01

Tgt Ion:168 Resp: 436583

Ion Ratio Lower Upper

168 100

99 59.7 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 17.962 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038869.D

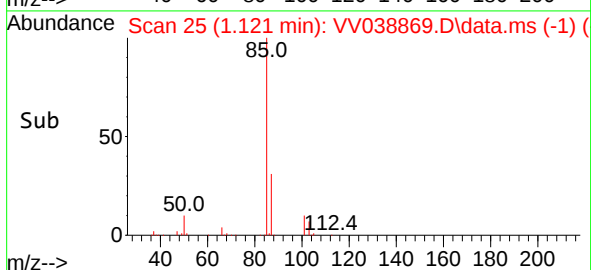
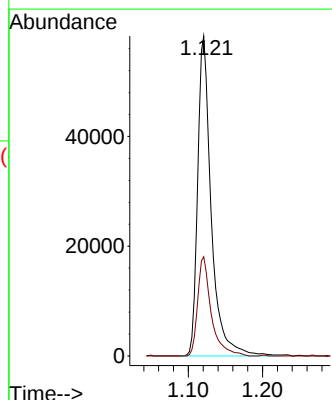
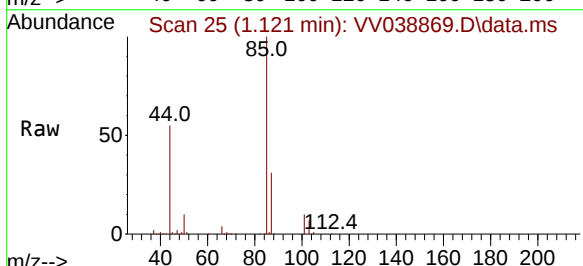
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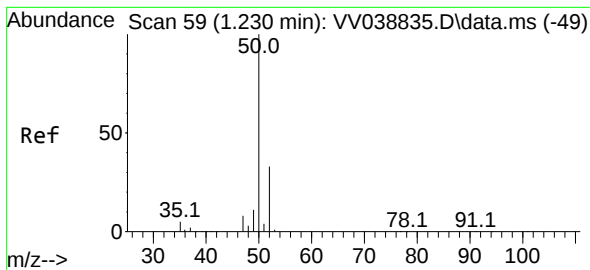
Tgt Ion: 85 Resp: 74439

Ion Ratio Lower Upper

85 100

87 31.0 16.1 48.3

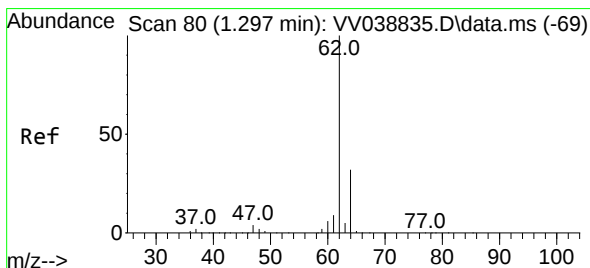
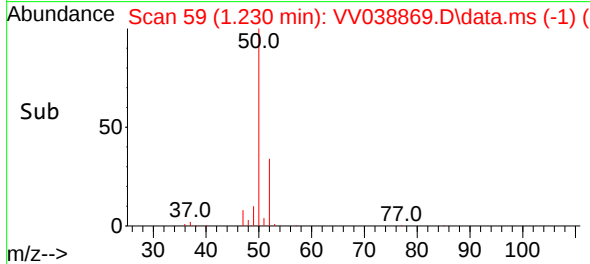
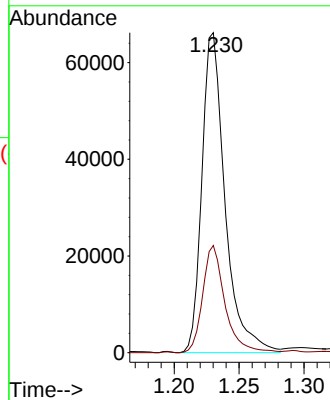
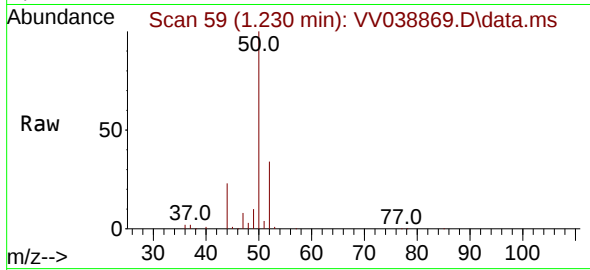




#3
Chloromethane
Concen: 16.164 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

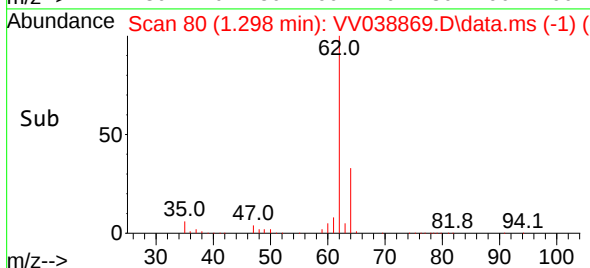
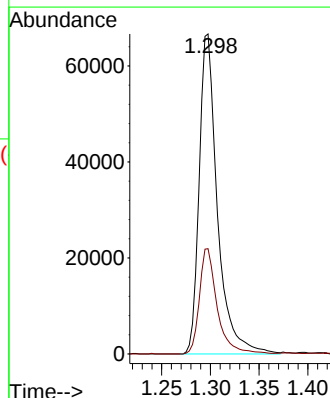
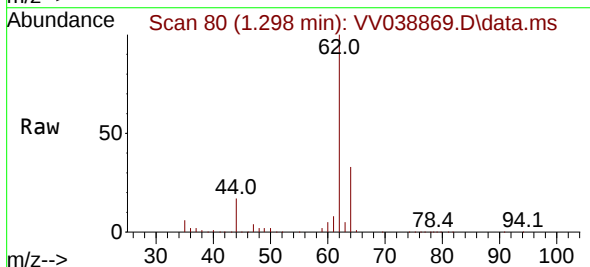
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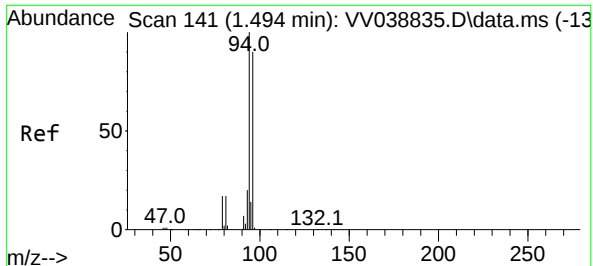
Tgt Ion: 50 Resp: 82192
Ion Ratio Lower Upper
50 100
52 33.5 26.7 40.1



#4
Vinyl Chloride
Concen: 18.361 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 62 Resp: 86822
Ion Ratio Lower Upper
62 100
64 32.9 25.5 38.3

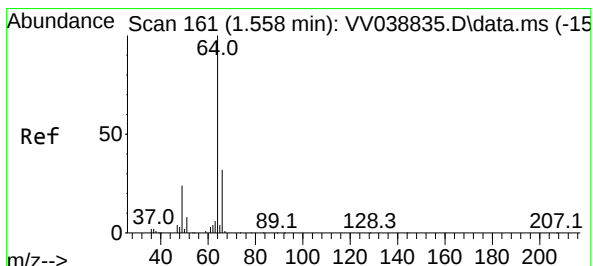
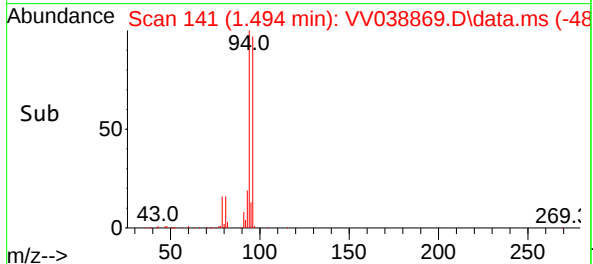
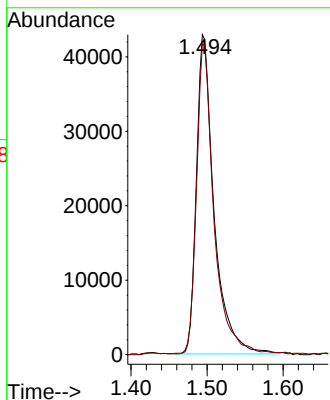
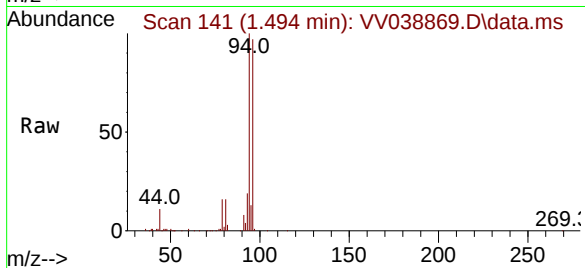




#5
Bromomethane
Concen: 24.102 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV038869.D
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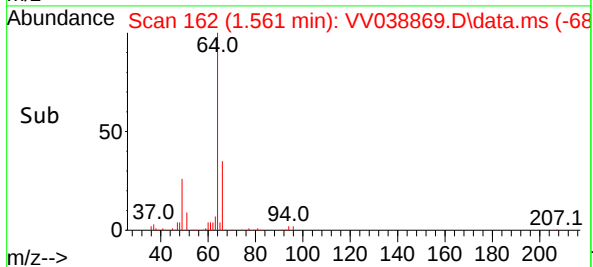
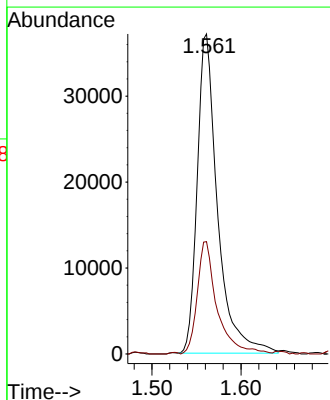
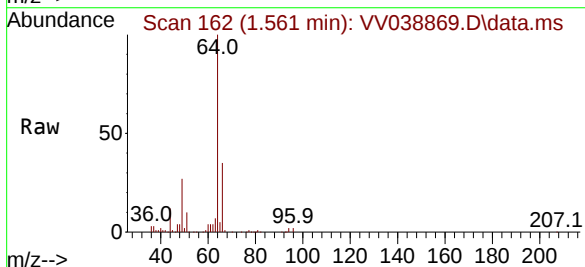
Instrument :
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Tgt Ion: 94 Resp: 69552
Ion Ratio Lower Upper
94 100
96 96.9 72.2 108.4



#6
Chloroethane
Concen: 18.610 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 64 Resp: 58995
Ion Ratio Lower Upper
64 100
66 34.9 25.4 38.0

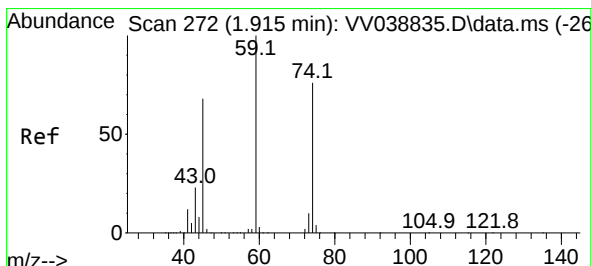
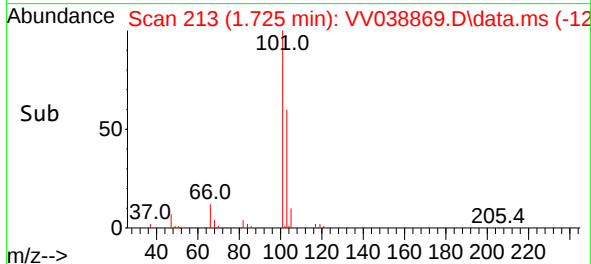
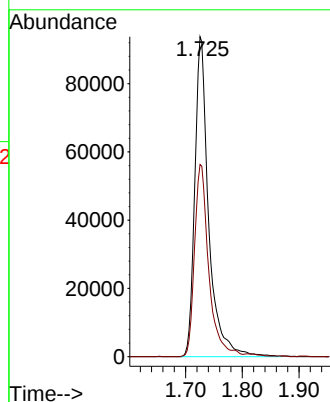
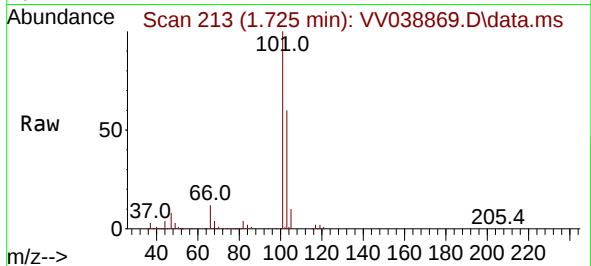




#7
 Trichlorofluoromethane
 Concen: 19.023 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
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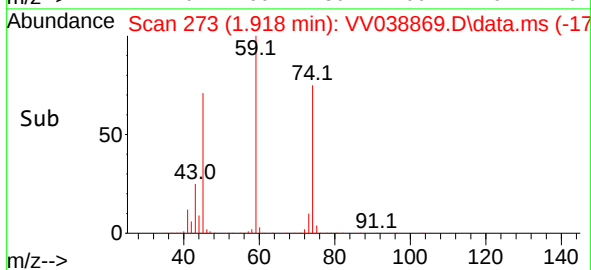
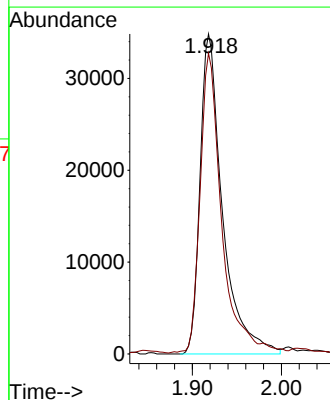
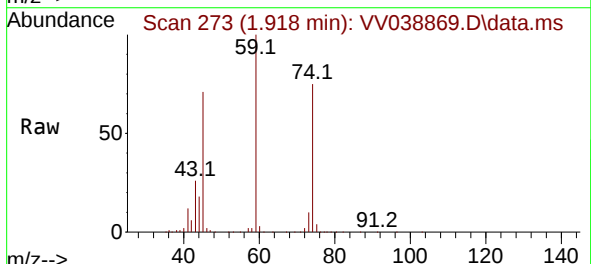
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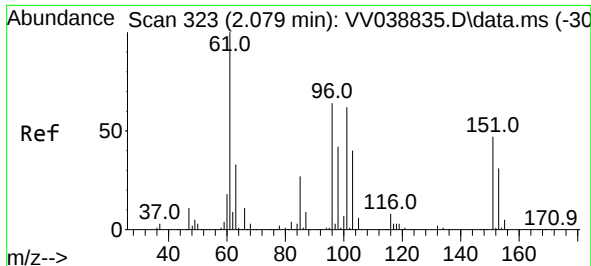
Tgt Ion:101 Resp: 159149
 Ion Ratio Lower Upper
 101 100
 103 60.1 52.8 79.2



#8
 Diethyl Ether
 Concen: 20.937 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038869.D
 Acq: 07 Jul 2025 13:53

Tgt Ion: 74 Resp: 60955
 Ion Ratio Lower Upper
 74 100
 45 89.9 43.9 131.7

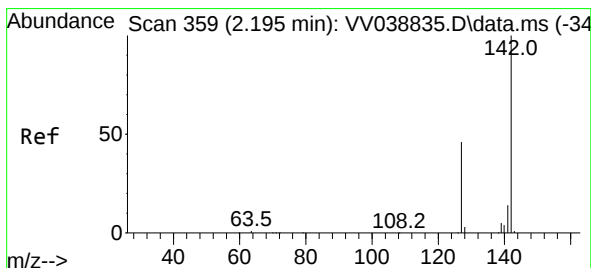
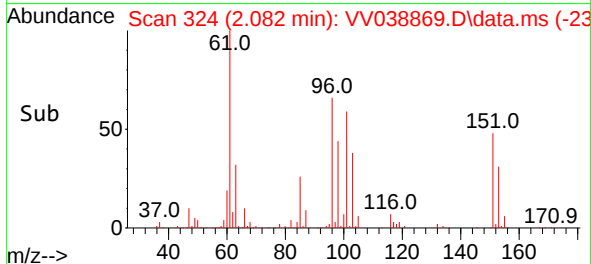
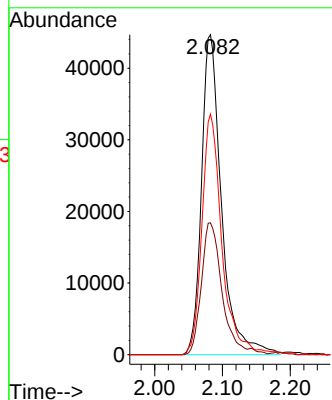
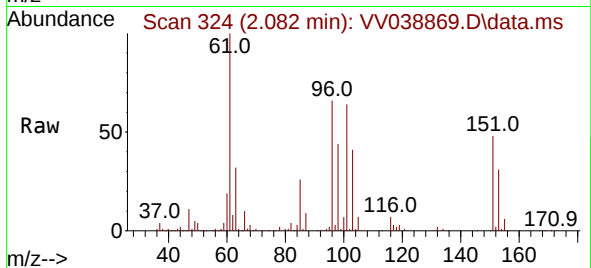




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.347 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
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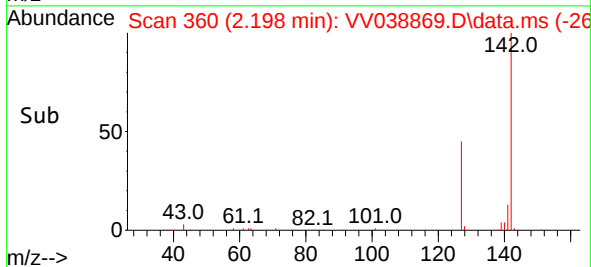
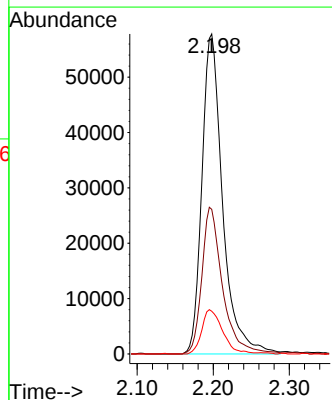
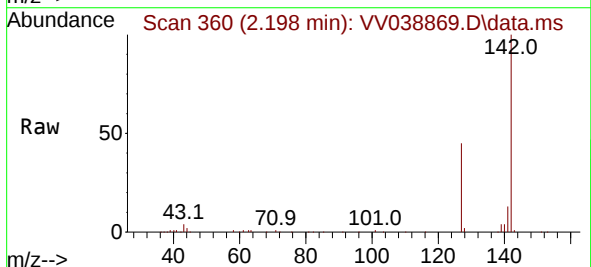
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ClientSampleId :
VV0707WBSD01

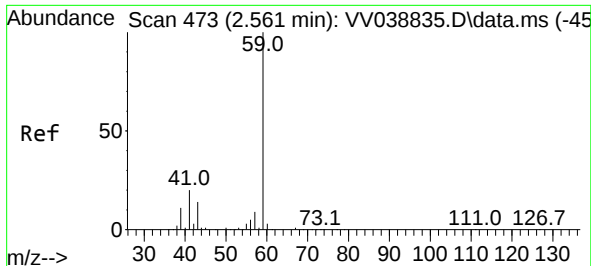
Tgt Ion:101 Resp: 91524
Ion Ratio Lower Upper
101 100
85 42.0 34.6 52.0
151 75.4 60.4 90.6



#10
Methyl Iodide
Concen: 18.206 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion:142 Resp: 109273
Ion Ratio Lower Upper
142 100
127 45.8 36.9 55.3
141 13.9 11.8 17.8

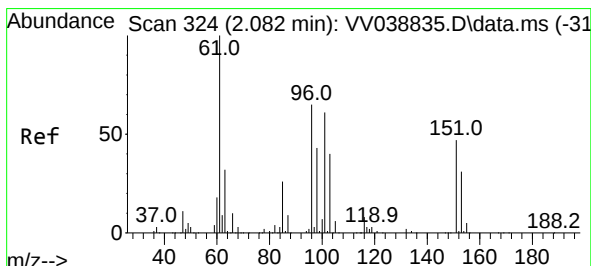
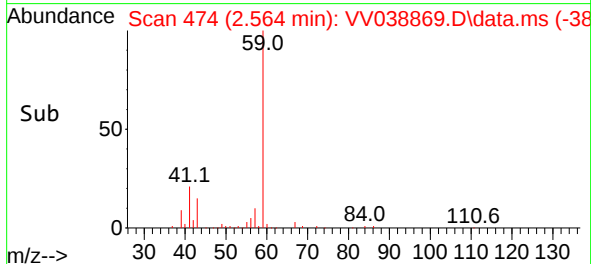
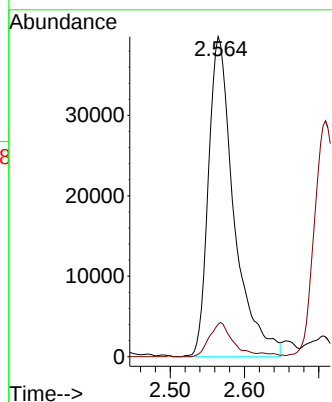
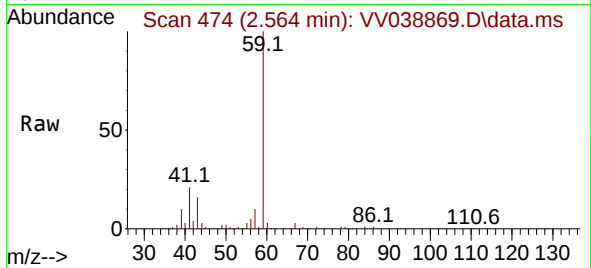




#11
Tert butyl alcohol
Concen: 148.798 ug/l
RT: 2.564 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

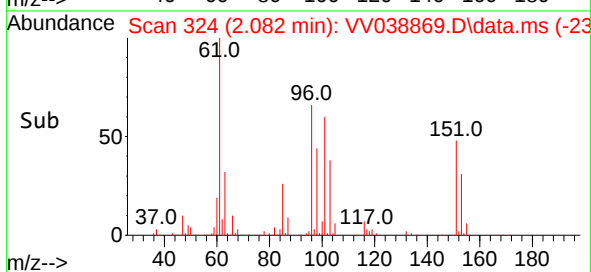
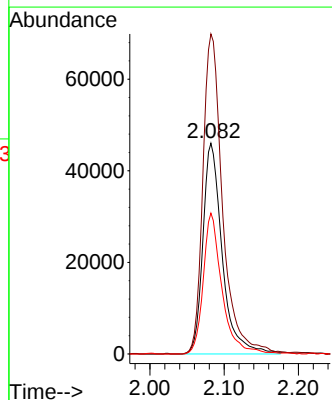
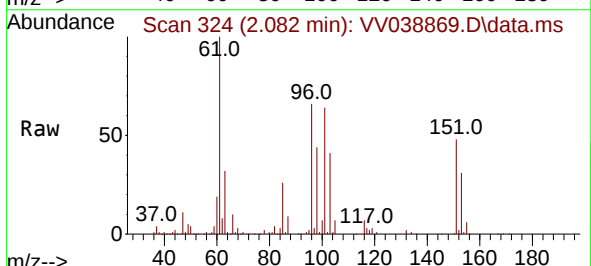
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

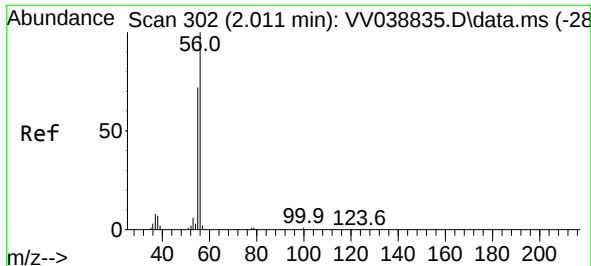
Tgt Ion: 59 Resp: 95034
Ion Ratio Lower Upper
59 100
57 9.6 8.0 12.0



#12
1,1-Dichloroethene
Concen: 18.506 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 96 Resp: 83205
Ion Ratio Lower Upper
96 100
61 151.9 123.5 185.3
98 66.9 52.5 78.7

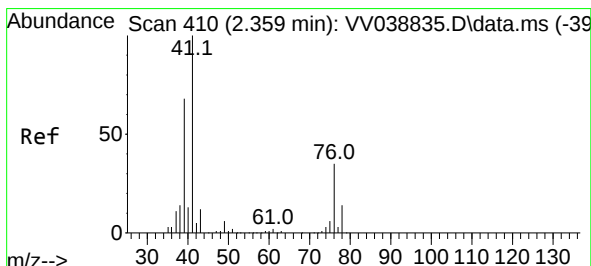
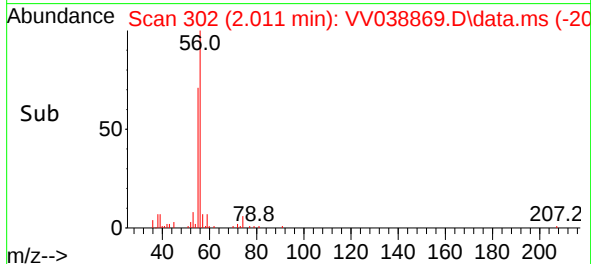
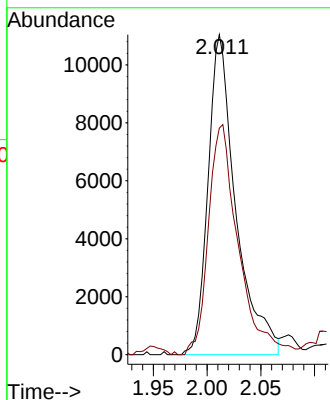
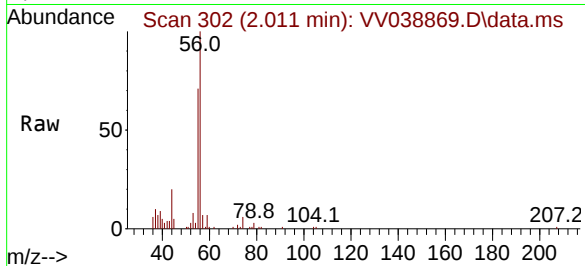




#13
Acrolein
Concen: 124.670 ug/l
RT: 2.011 min Scan# 302
Delta R.T. 0.000 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

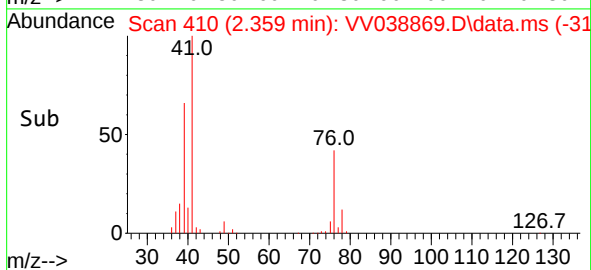
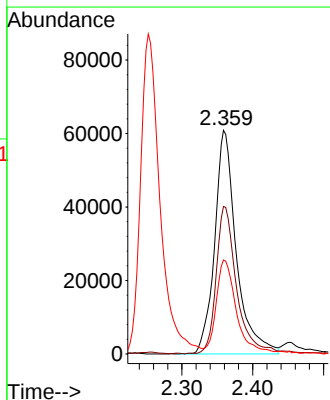
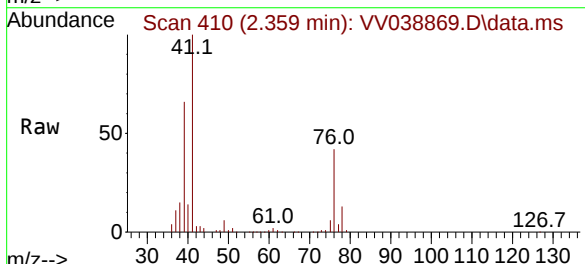
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

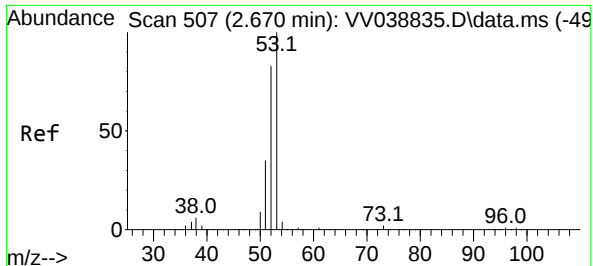
Tgt Ion: 56 Resp: 19882
Ion Ratio Lower Upper
56 100
55 77.3 53.4 80.2



#14
Allyl chloride
Concen: 21.425 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 41 Resp: 129548
Ion Ratio Lower Upper
41 100
39 61.7 51.0 76.4
76 36.7 33.6 50.4

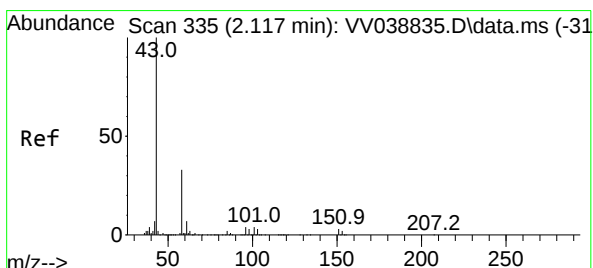
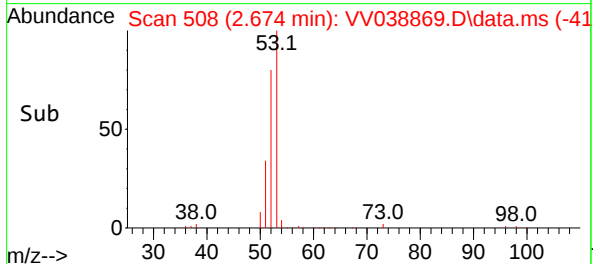
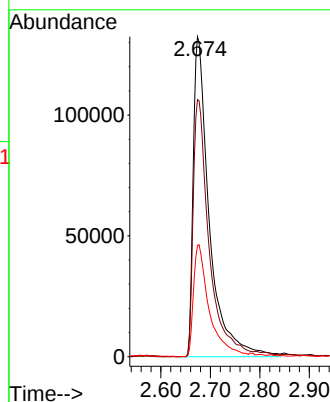
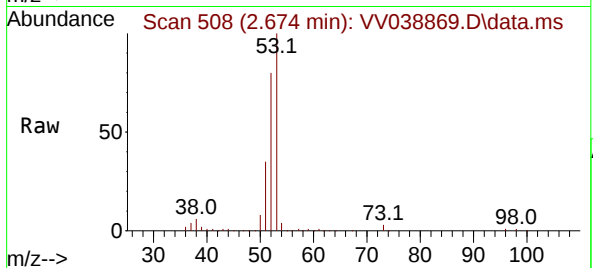




#15
Acrylonitrile
Concen: 134.349 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

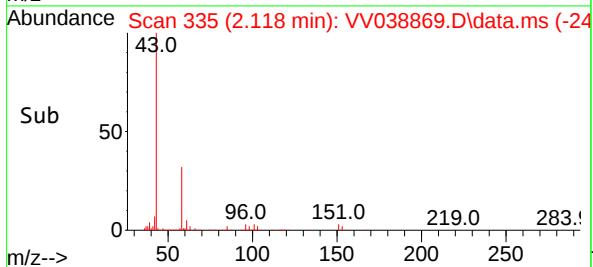
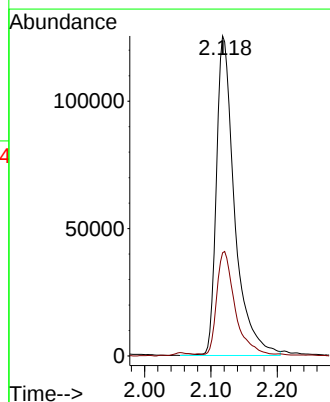
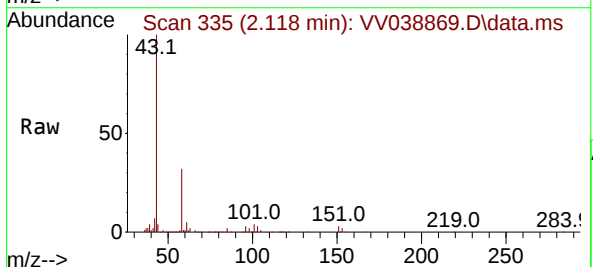
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

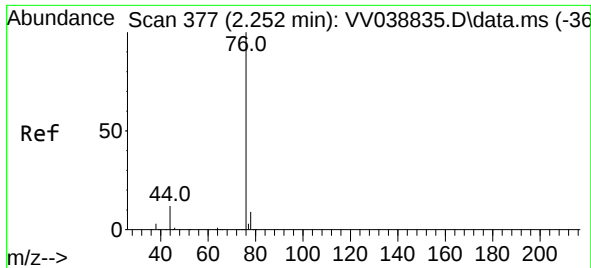
Tgt Ion: 53	Resp: 300153
Ion Ratio	Lower Upper
53 100	
52 78.9	65.8 98.6
51 34.3	28.5 42.7



#16
Acetone
Concen: 146.753 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 43	Resp: 239289
Ion Ratio	Lower Upper
43 100	
58 31.6	27.0 40.4

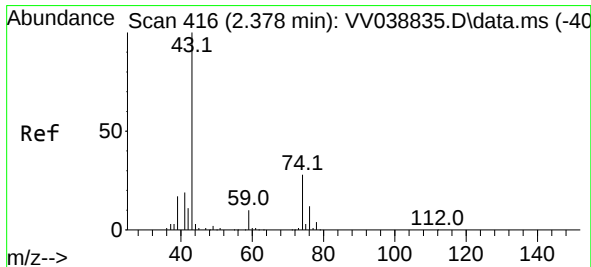
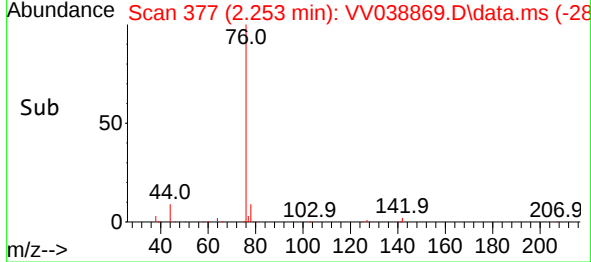
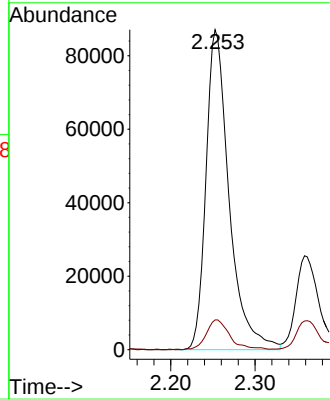
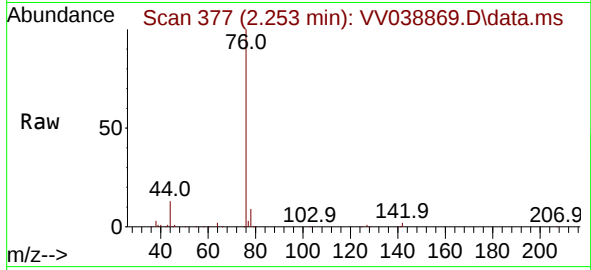




#17
Carbon Disulfide
Concen: 15.947 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

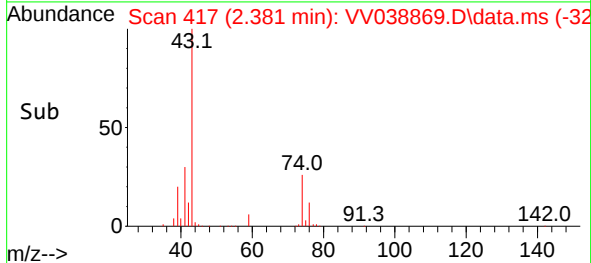
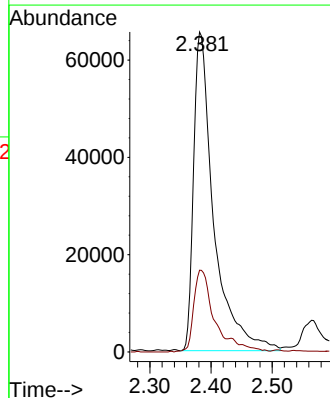
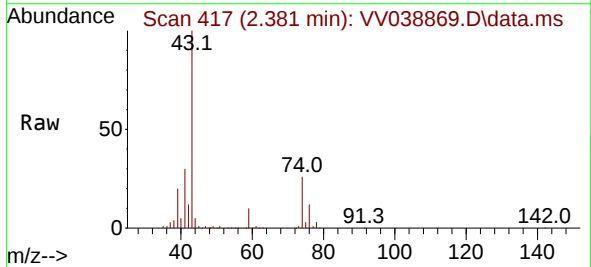
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

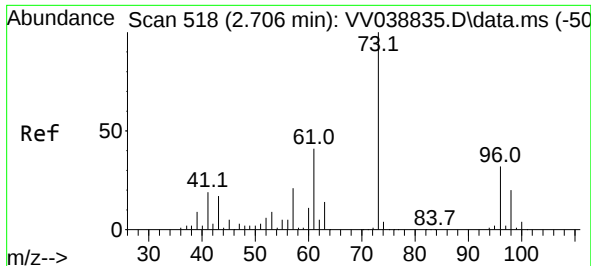
Tgt Ion: 76 Resp: 166085
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 26.908 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 43 Resp: 149607
Ion Ratio Lower Upper
43 100
74 23.5 21.4 32.0

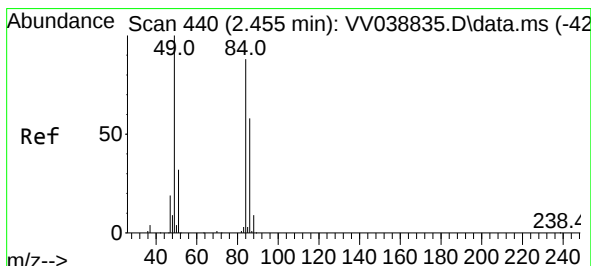
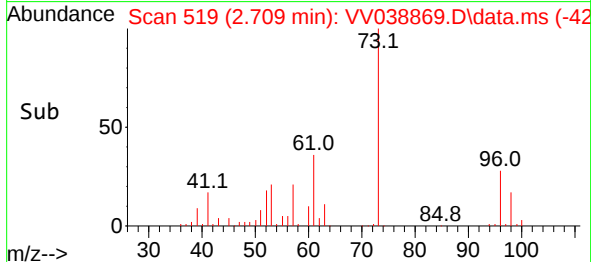
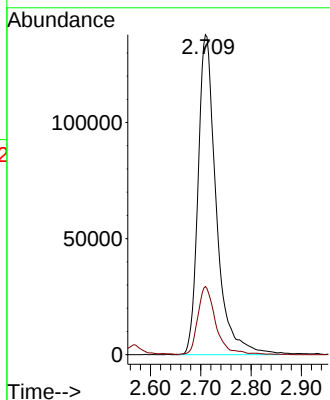
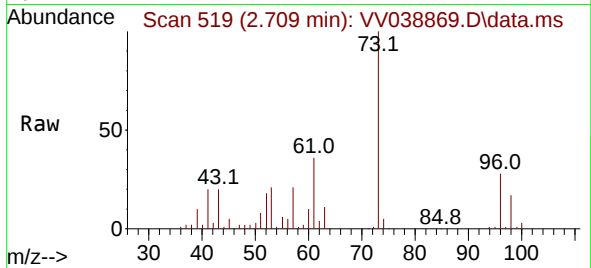




#19
Methyl tert-butyl Ether
Concen: 24.873 ug/l
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

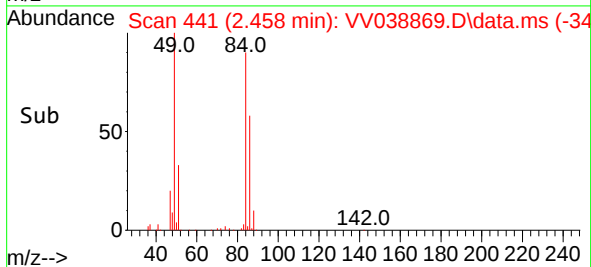
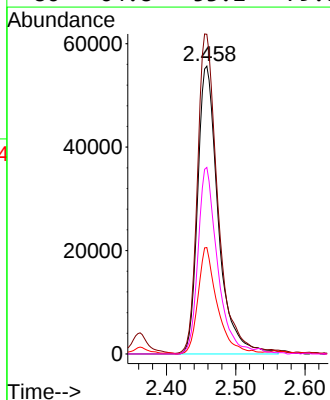
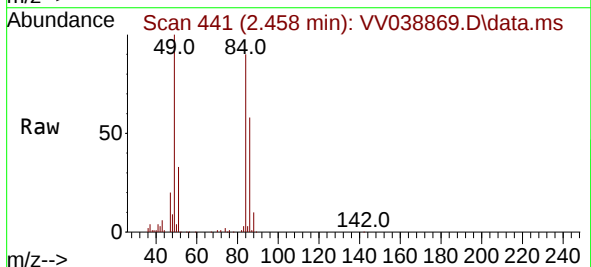
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

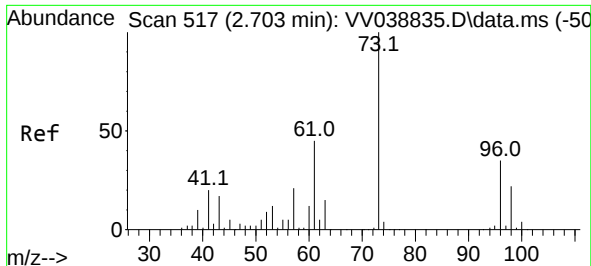
Tgt Ion: 73 Resp: 345774
Ion Ratio Lower Upper
73 100
57 21.2 17.0 25.4



#20
Methylene Chloride
Concen: 21.346 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 84 Resp: 115028
Ion Ratio Lower Upper
84 100
49 110.8 91.0 136.4
51 37.0 29.4 44.2
86 64.8 53.2 79.8

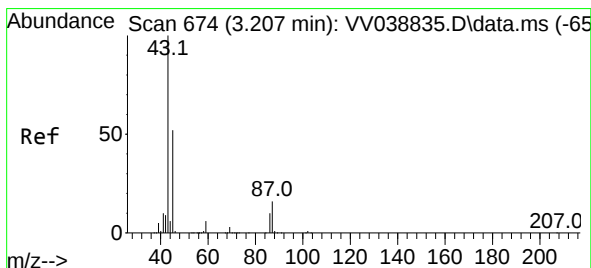
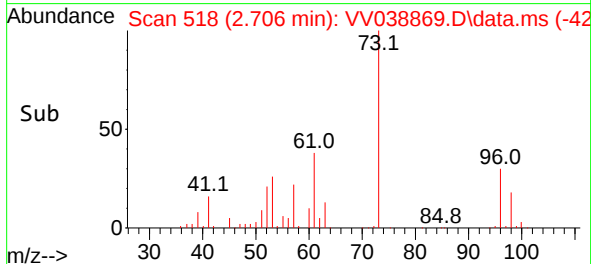
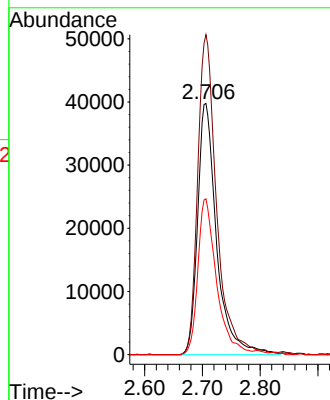
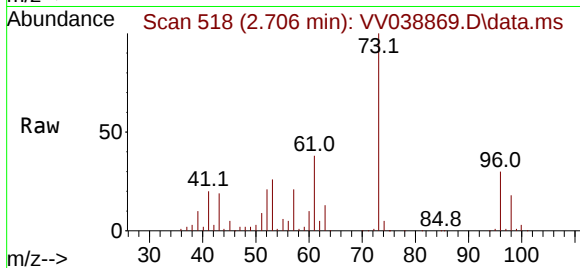




#21
trans-1,2-Dichloroethene
Concen: 20.261 ug/l
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

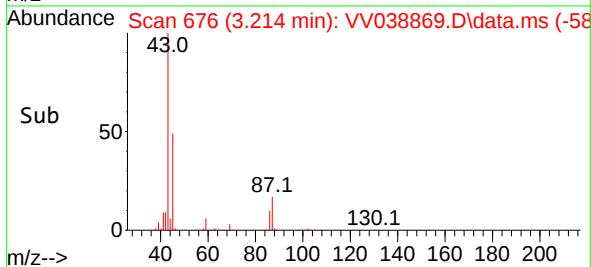
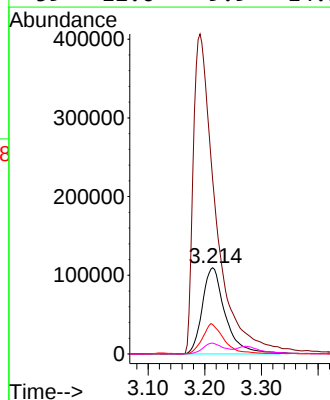
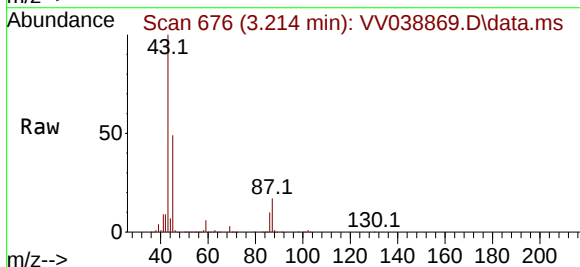
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

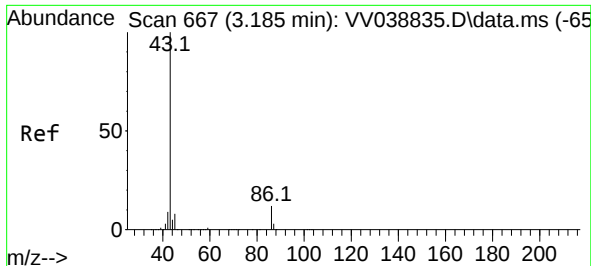
Tgt Ion: 96 Resp: 91103
Ion Ratio Lower Upper
96 100
61 127.4 102.8 154.2
98 62.1 50.9 76.3



#22
Diisopropyl ether
Concen: 24.889 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.007 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 45 Resp: 308532
Ion Ratio Lower Upper
45 100
43 202.0 153.1 229.7
87 33.9 25.2 37.8
59 12.6 9.9 14.9

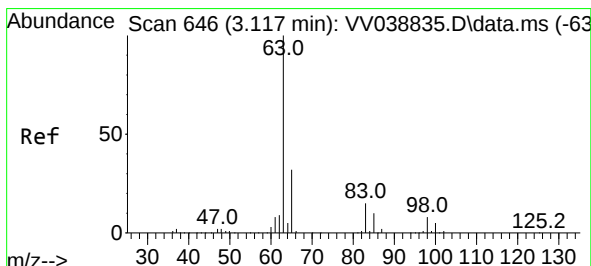
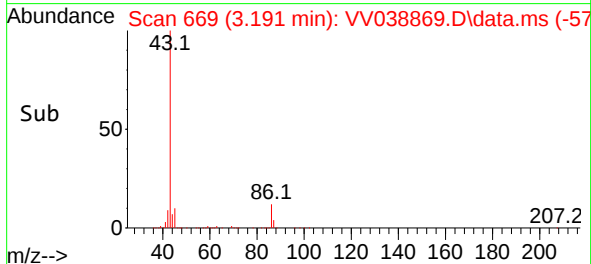
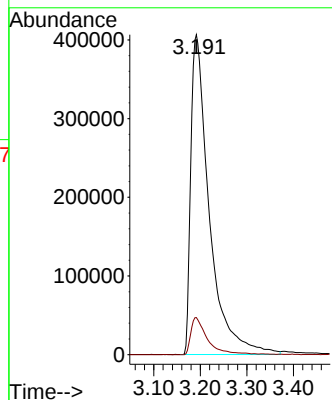
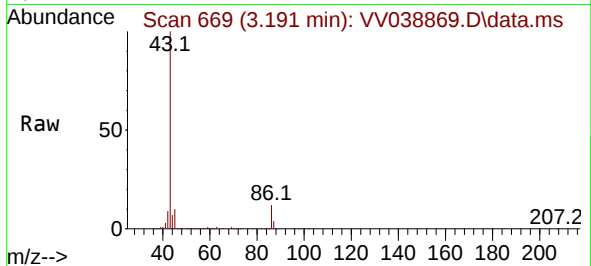




#23
 Vinyl Acetate
 Concen: 125.417 ug/l
 RT: 3.191 min Scan# 60
 Delta R.T. 0.007 min
 Lab File: VV038869.D
 Acq: 07 Jul 2025 13:53

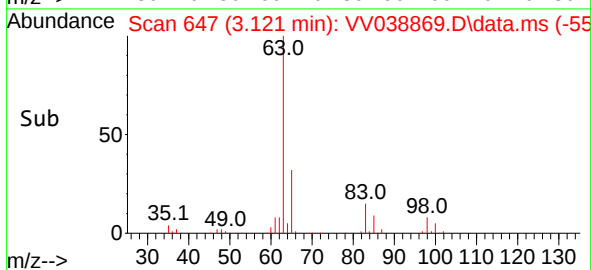
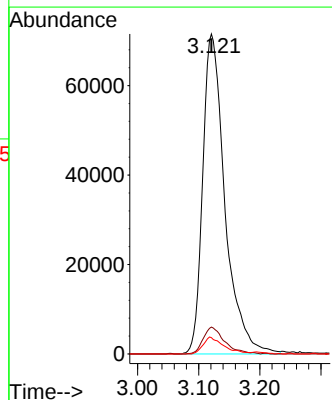
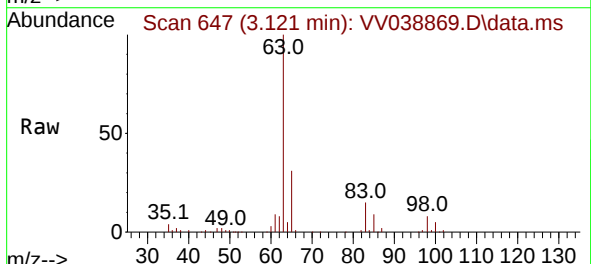
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0707WBSD01

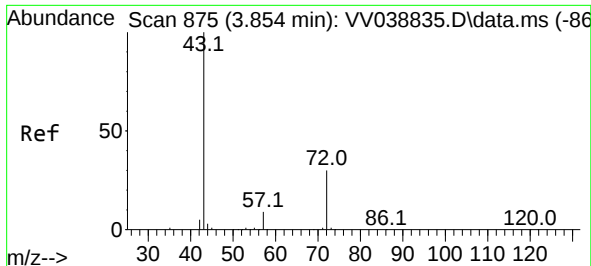
Tgt Ion: 43 Resp: 1121080
 Ion Ratio Lower Upper
 43 100
 86 11.6 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 21.616 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038869.D
 Acq: 07 Jul 2025 13:53

Tgt Ion: 63 Resp: 180636
 Ion Ratio Lower Upper
 63 100
 98 8.4 4.1 12.3
 100 5.1 2.4 7.2

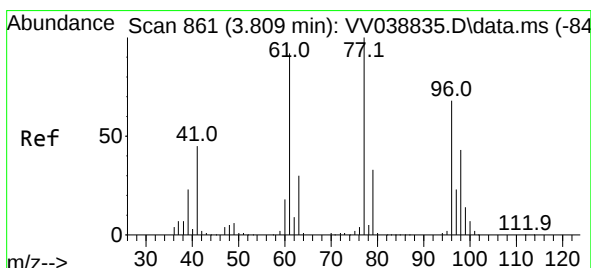
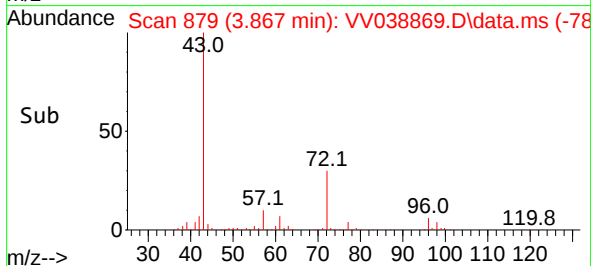
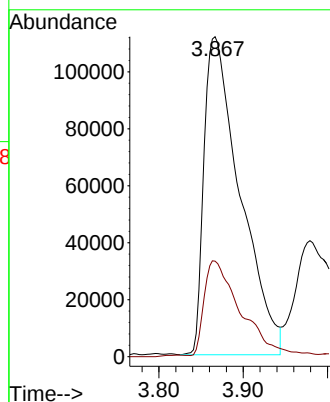
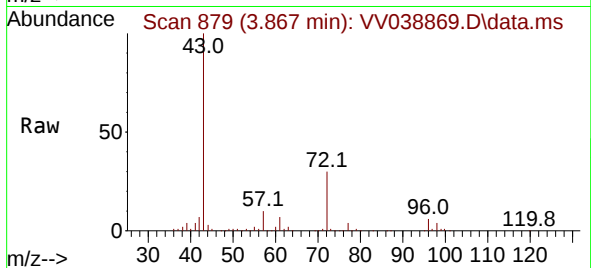




#25
2-Butanone
Concen: 138.399 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.013 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

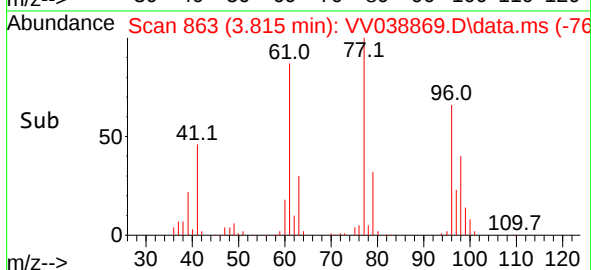
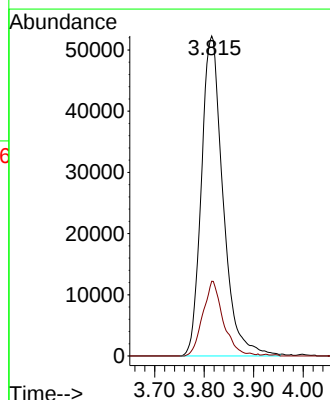
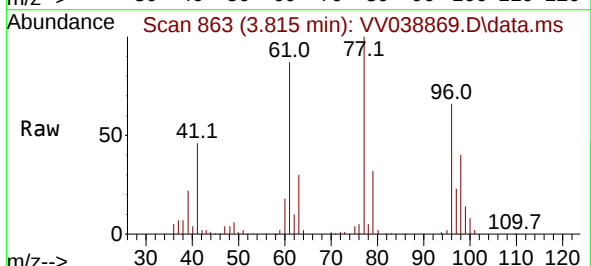
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

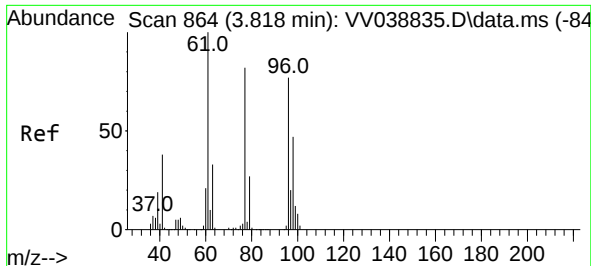
Tgt Ion: 43 Resp: 333720
Ion Ratio Lower Upper
43 100
72 29.5 23.8 35.8



#26
2,2-Dichloropropane
Concen: 20.517 ug/l
RT: 3.815 min Scan# 863
Delta R.T. 0.007 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 77 Resp: 158909
Ion Ratio Lower Upper
77 100
97 21.8 11.5 34.4



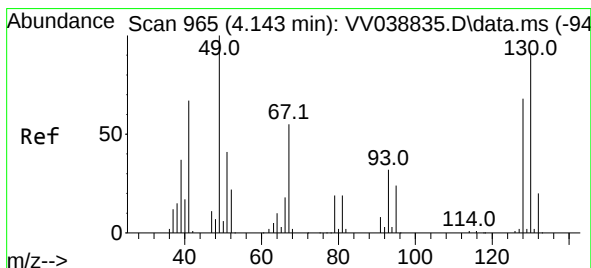
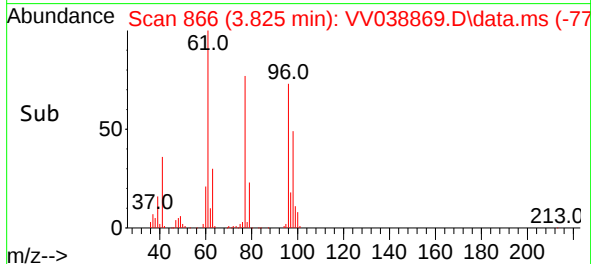
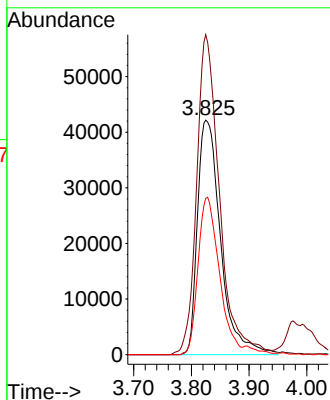
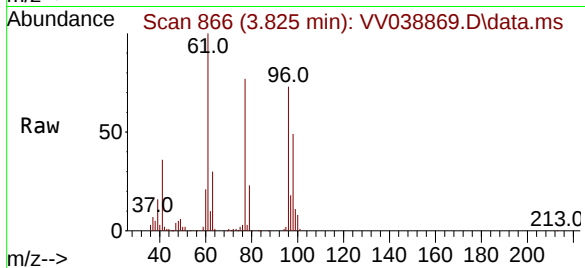


#27
 cis-1,2-Dichloroethene
 Concen: 22.383 ug/l
 RT: 3.825 min Scan# 866
 Delta R.T. 0.007 min
 Lab File: VV038869.D
 Acq: 07 Jul 2025 13:53

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0707WBSD01

Tgt Ion: 96 Resp: 117283

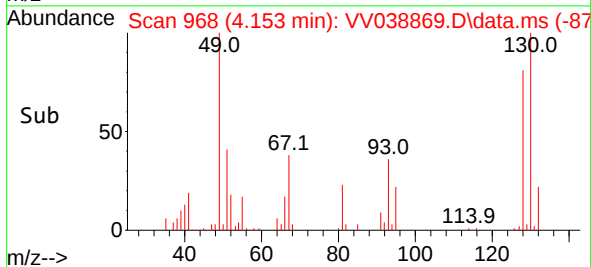
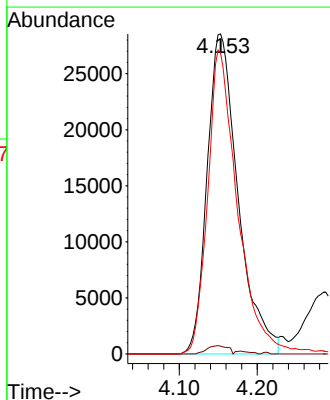
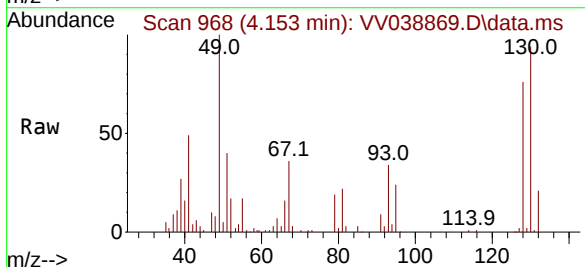
Ion	Ratio	Lower	Upper
96	100		
61	134.7	0.0	268.4
98	61.5	0.0	128.0

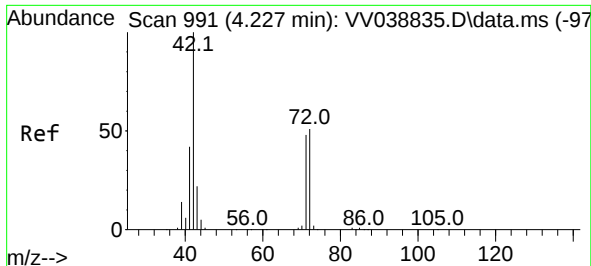


#28
 Bromochloromethane
 Concen: 22.087 ug/l
 RT: 4.153 min Scan# 968
 Delta R.T. 0.010 min
 Lab File: VV038869.D
 Acq: 07 Jul 2025 13:53

Tgt Ion: 49 Resp: 78886

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	2.2
130	91.2	72.5	108.7





#29

Tetrahydrofuran

Concen: 131.391 ug/l

RT: 4.236 min Scan# 991

Delta R.T. 0.010 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBSD01

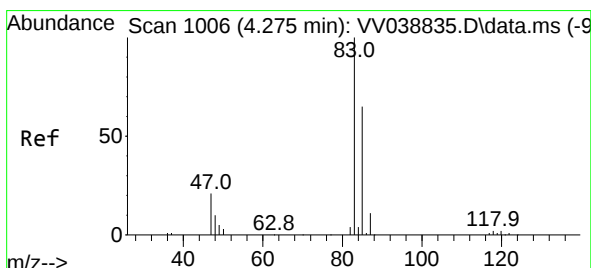
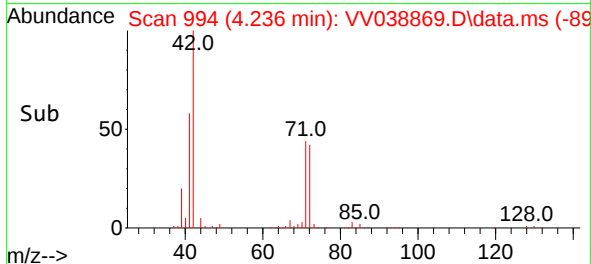
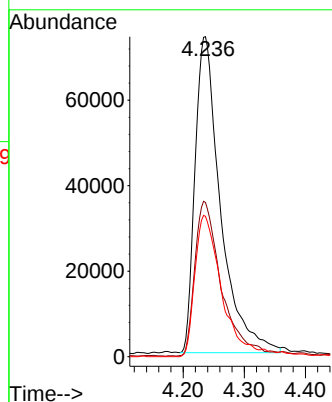
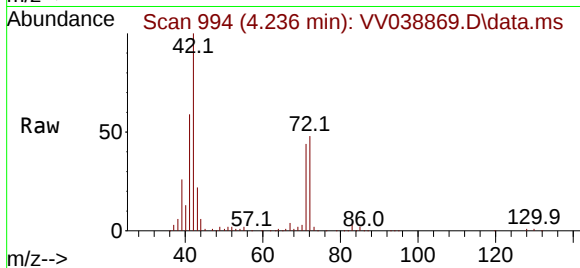
Tgt Ion: 42 Resp: 214571

Ion Ratio Lower Upper

42 100

72 50.4 41.3 61.9

71 46.0 39.2 58.8



#30

Chloroform

Concen: 22.668 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. 0.003 min

Lab File: VV038869.D

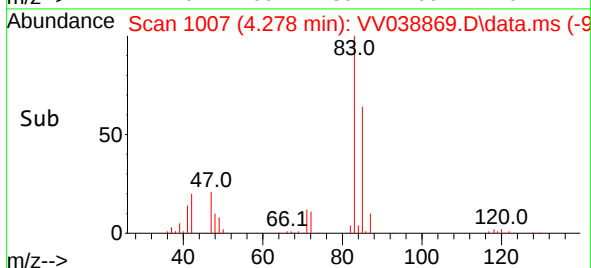
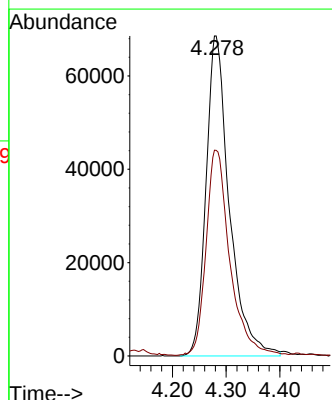
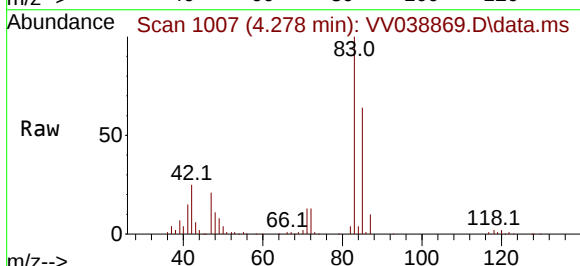
Acq: 07 Jul 2025 13:53

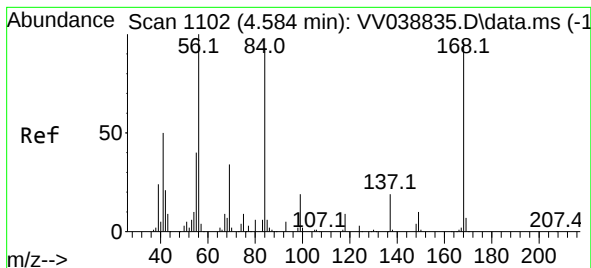
Tgt Ion: 83 Resp: 206387

Ion Ratio Lower Upper

83 100

85 63.9 51.8 77.6





#31

Cyclohexane

Concen: 17.898 ug/l

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBSD01

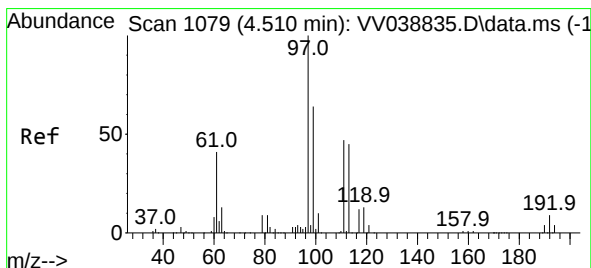
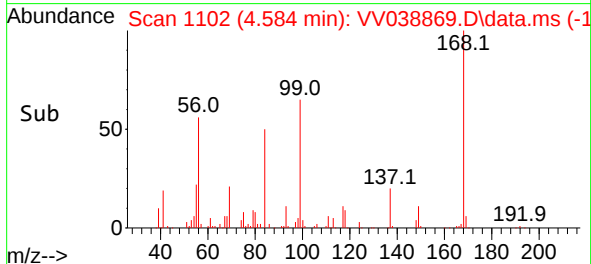
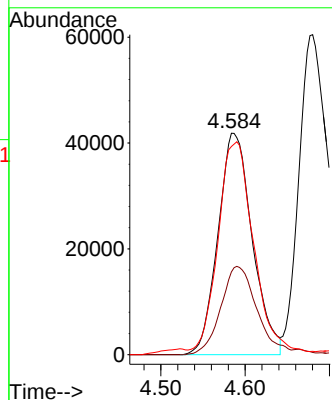
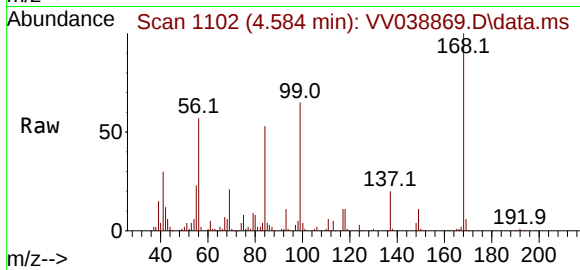
Tgt Ion: 56 Resp: 118447

Ion Ratio Lower Upper

56 100

69 37.4 27.0 40.4

84 91.4 74.4 111.6



#32

1,1,1-Trichloroethane

Concen: 21.226 ug/l

RT: 4.516 min Scan# 1081

Delta R.T. 0.007 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

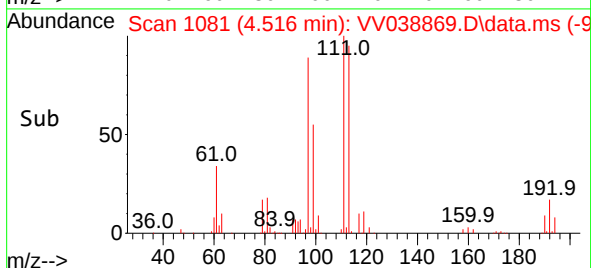
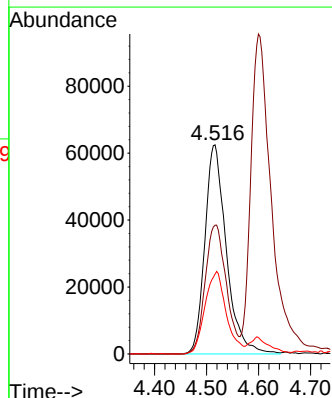
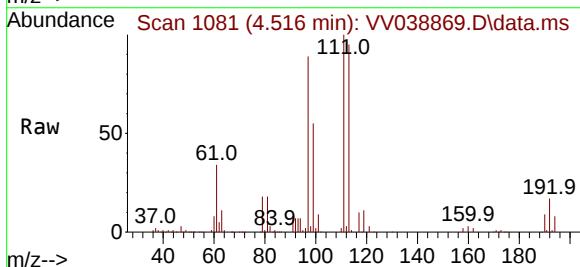
Tgt Ion: 97 Resp: 179367

Ion Ratio Lower Upper

97 100

99 60.7 48.8 73.2

61 39.2 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 56.501 ug/l

RT: 4.944 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

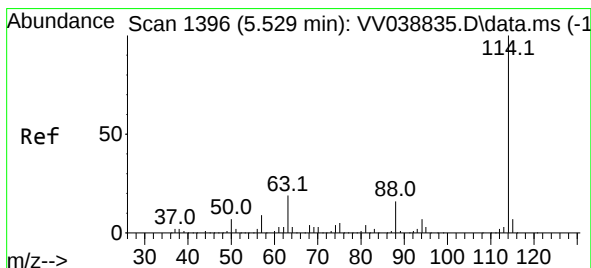
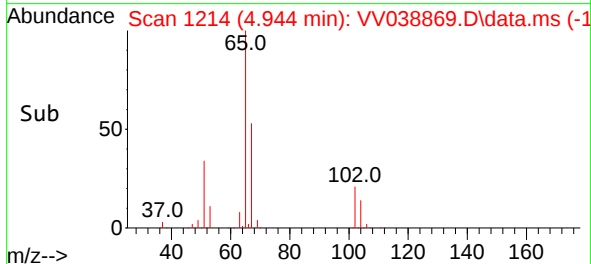
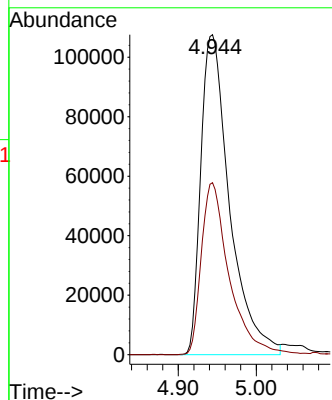
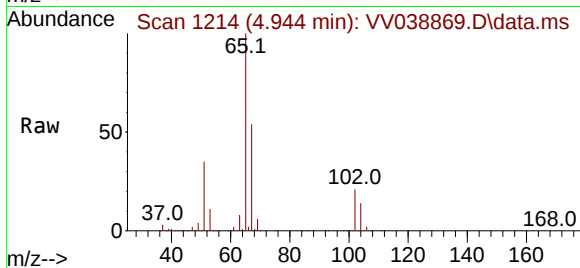
VV0707WBSD01

Tgt Ion: 65 Resp: 276456

Ion Ratio Lower Upper

65 100

67 52.2 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

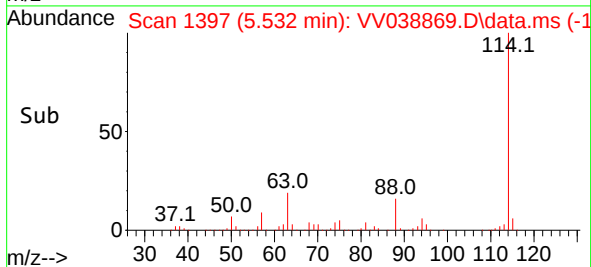
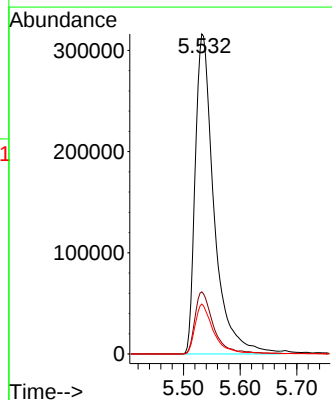
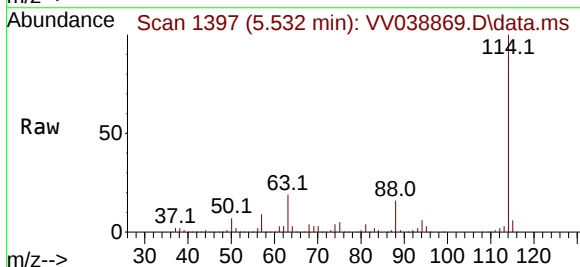
Tgt Ion: 114 Resp: 728466

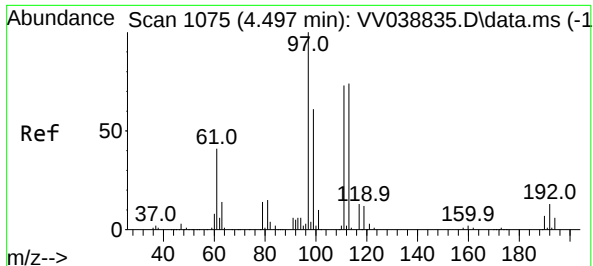
Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.4

88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 52.969 ug/l

RT: 4.503 min Scan# 113

Delta R.T. 0.007 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBSD01

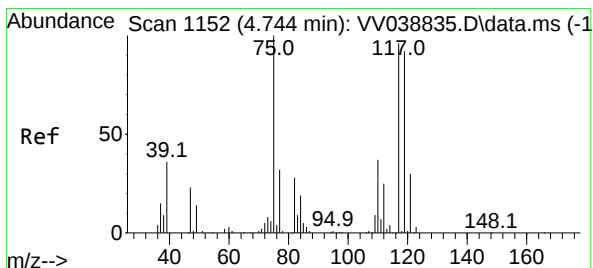
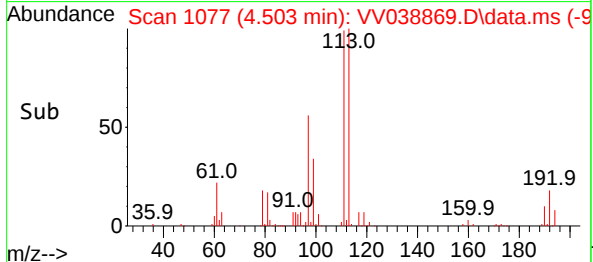
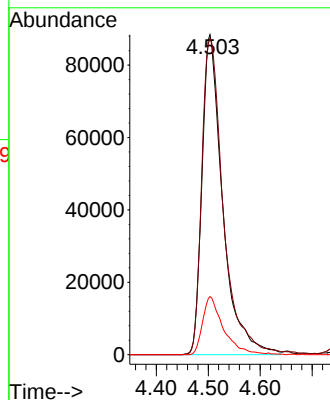
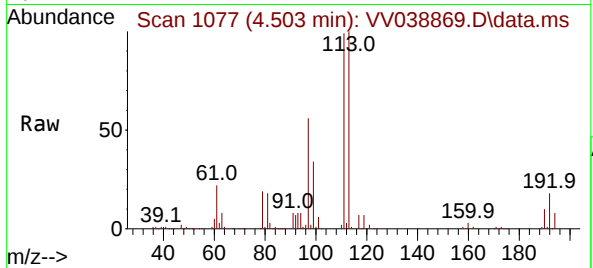
Tgt Ion:113 Resp: 244412

Ion Ratio Lower Upper

113 100

111 102.4 81.5 122.3

192 18.2 14.7 22.1



#36

1,1-Dichloropropene

Concen: 19.038 ug/l

RT: 4.748 min Scan# 1153

Delta R.T. 0.003 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

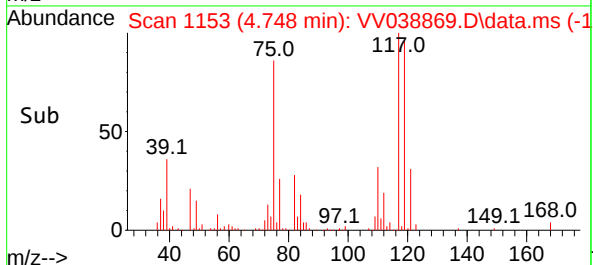
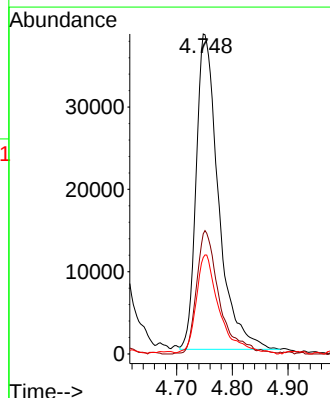
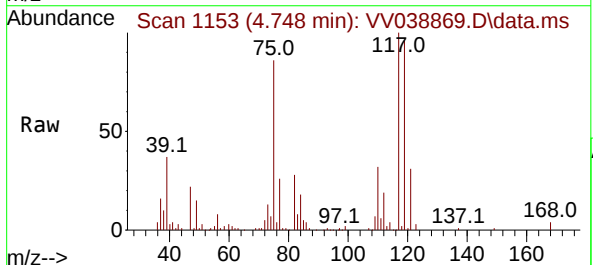
Tgt Ion: 75 Resp: 106595

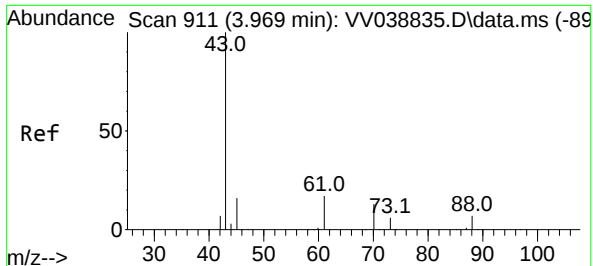
Ion Ratio Lower Upper

75 100

110 39.8 19.3 57.9

77 31.5 25.1 37.7





#37

Ethyl Acetate

Concen: 22.962 ug/l

RT: 3.979 min Scan# 911

Delta R.T. 0.010 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBSD01

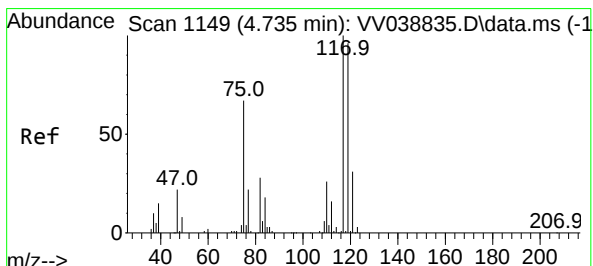
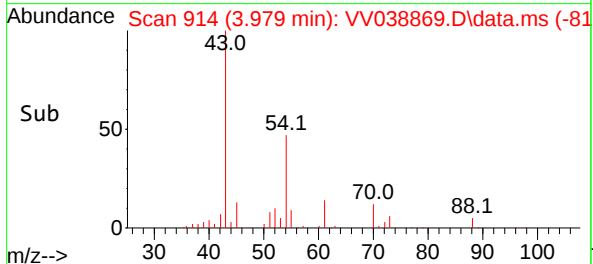
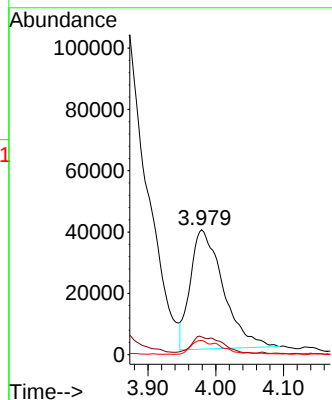
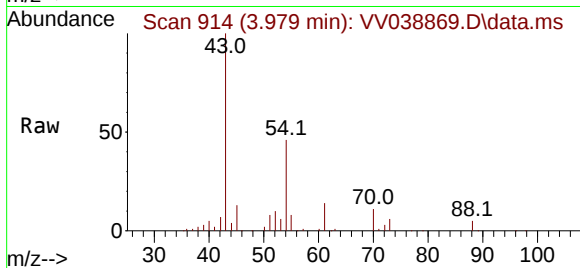
Tgt Ion: 43 Resp: 131188

Ion Ratio Lower Upper

43 100

61 13.5 13.0 19.4

70 6.2 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 19.035 ug/l

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

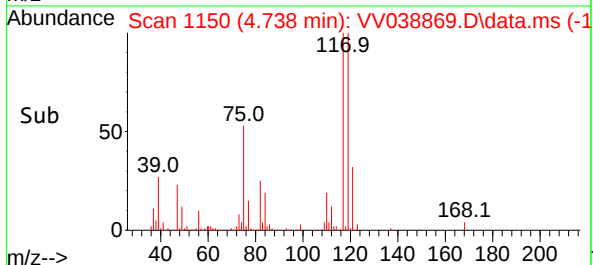
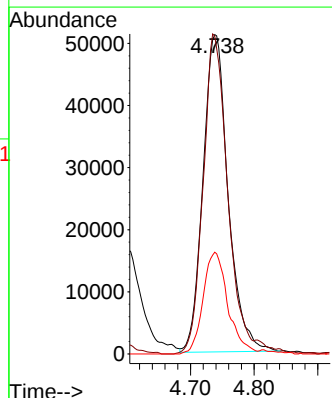
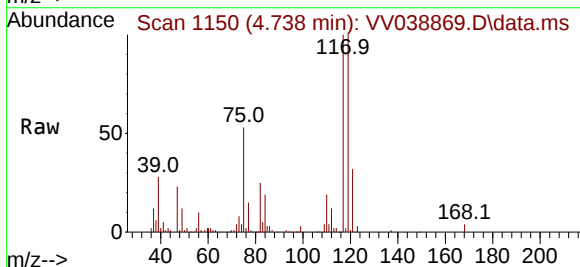
Tgt Ion: 117 Resp: 140285

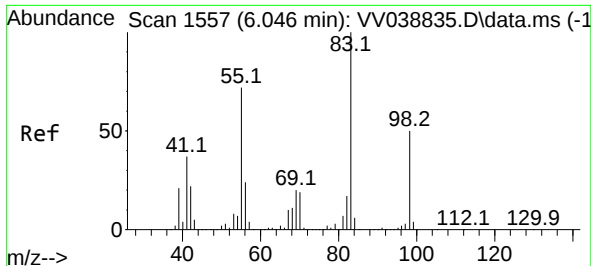
Ion Ratio Lower Upper

117 100

119 99.9 76.5 114.7

121 32.1 25.0 37.6





#39

Methylcyclohexane

Concen: 16.403 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBSD01

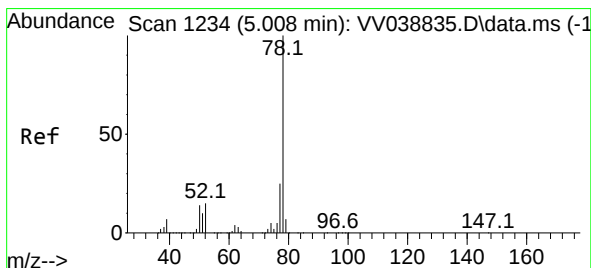
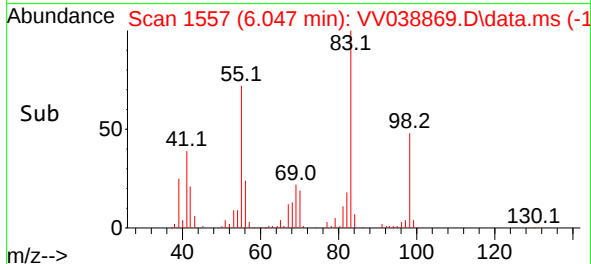
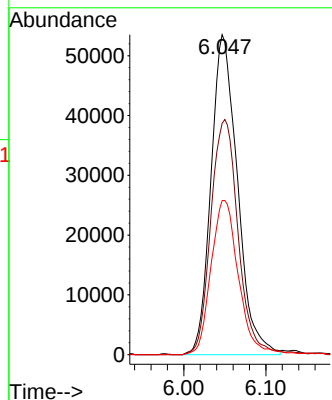
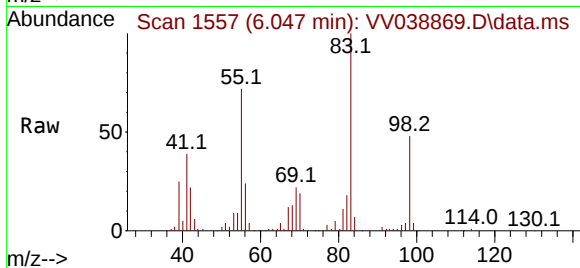
Tgt Ion: 83 Resp: 120084

Ion Ratio Lower Upper

83 100

55 72.3 57.7 86.5

98 48.2 40.2 60.2



#40

Benzene

Concen: 20.518 ug/l

RT: 5.011 min Scan# 1235

Delta R.T. 0.003 min

Lab File: VV038869.D

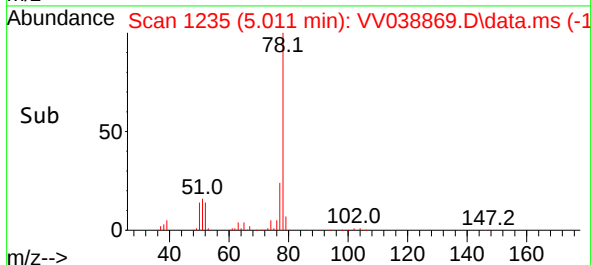
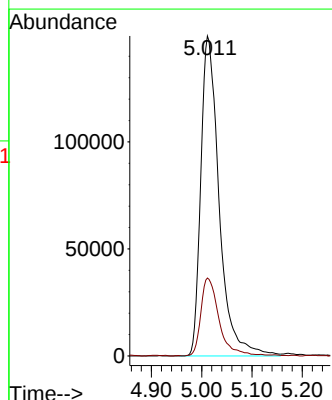
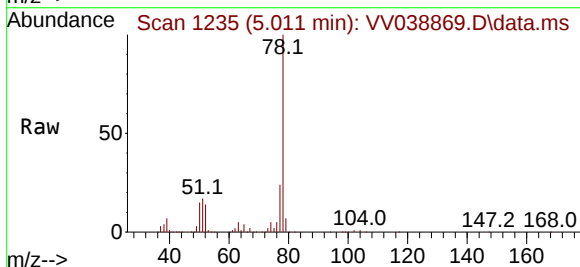
Acq: 07 Jul 2025 13:53

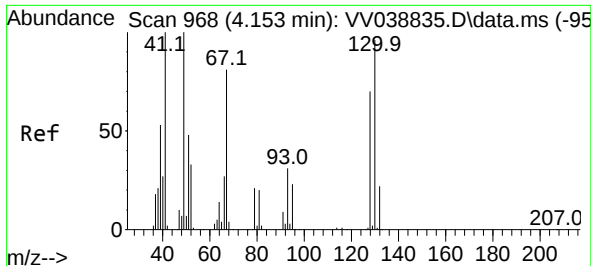
Tgt Ion: 78 Resp: 379359

Ion Ratio Lower Upper

78 100

77 24.3 19.6 29.4



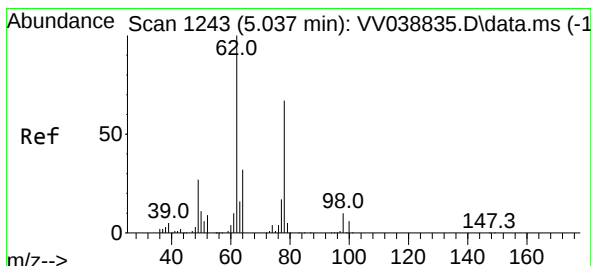
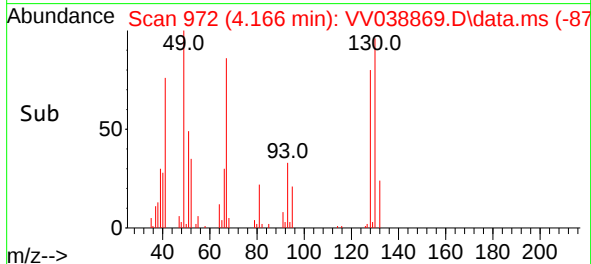
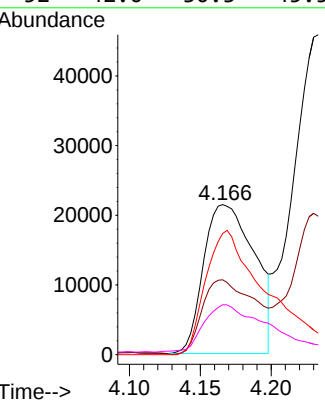
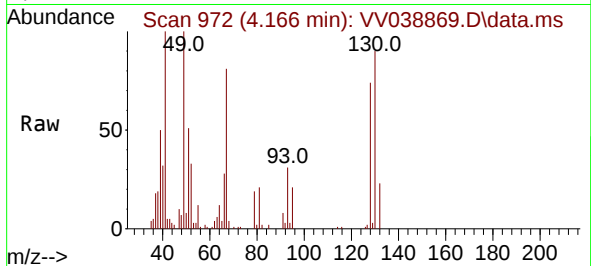


#41
Methacrylonitrile
Concen: 21.841 ug/l
RT: 4.166 min Scan# 91
Delta R.T. 0.013 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

Tgt Ion: 41 Resp: 53585

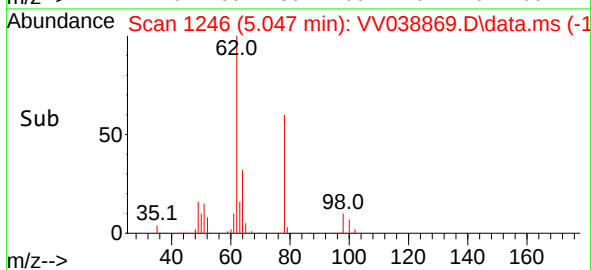
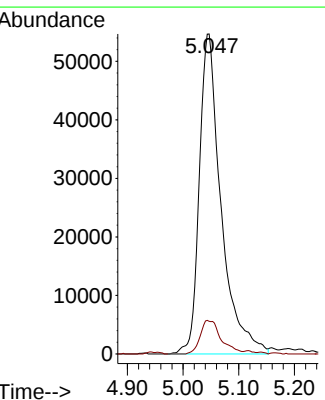
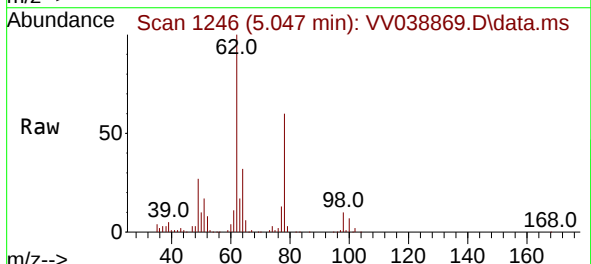
Ion	Ratio	Lower	Upper
41	100		
39	51.9	43.8	65.8
67	108.7	78.8	118.2
52	42.0	30.3	45.5

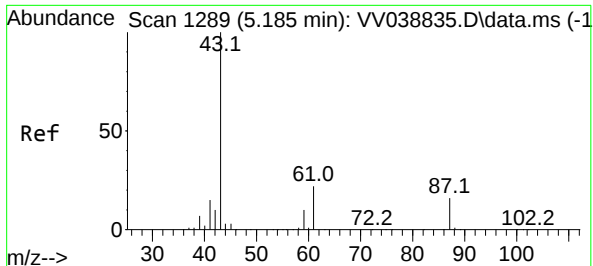


#42
1,2-Dichloroethane
Concen: 22.705 ug/l
RT: 5.047 min Scan# 1246
Delta R.T. 0.010 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 62 Resp: 148624

Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.0

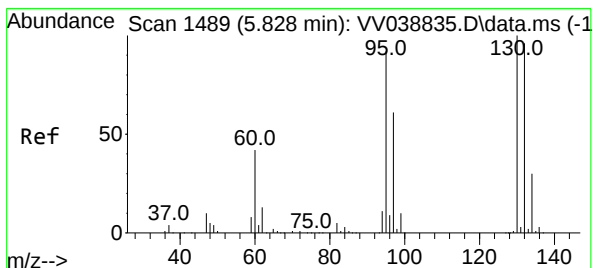
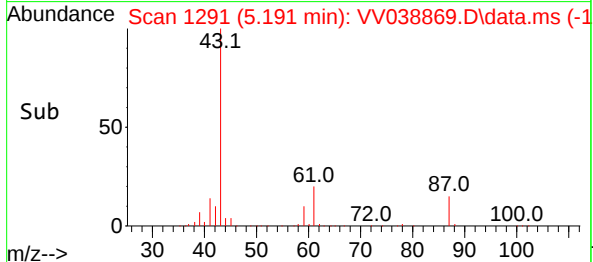
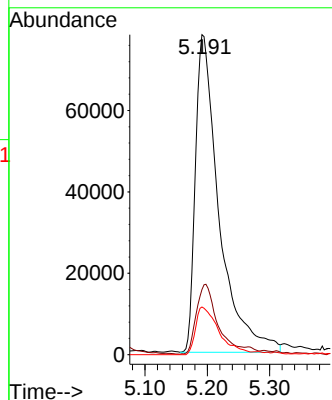
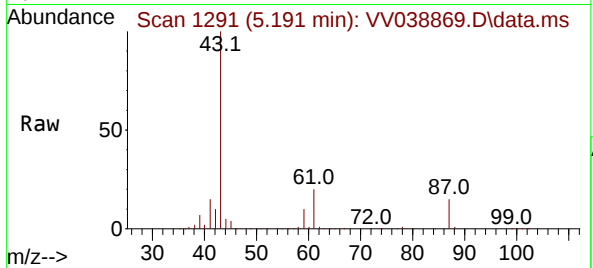




#43
Isopropyl Acetate
Concen: 22.574 ug/l
RT: 5.191 min Scan# 1291
Delta R.T. 0.007 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

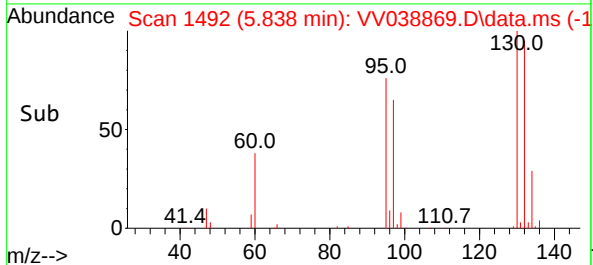
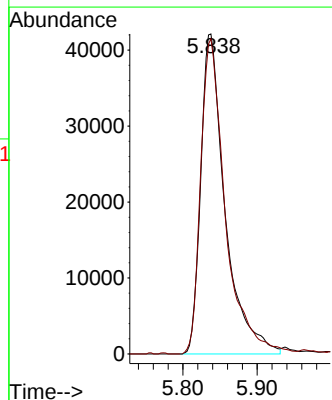
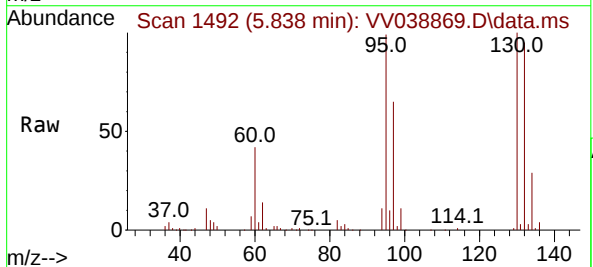
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

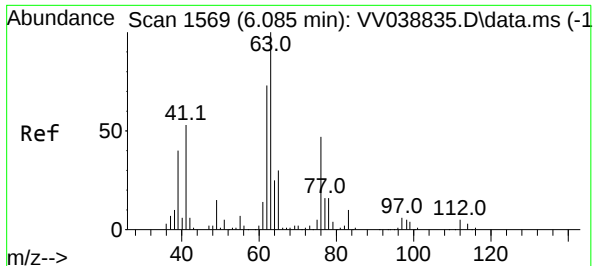
Tgt Ion: 43 Resp: 205759
Ion Ratio Lower Upper
43 100
61 19.7 17.0 25.6
87 14.9 13.0 19.6



#44
Trichloroethene
Concen: 19.862 ug/l
RT: 5.838 min Scan# 1492
Delta R.T. 0.010 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion:130 Resp: 95835
Ion Ratio Lower Upper
130 100
95 98.5 0.0 184.4





#45

1,2-Dichloropropane

Concen: 20.815 ug/l

RT: 6.092 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

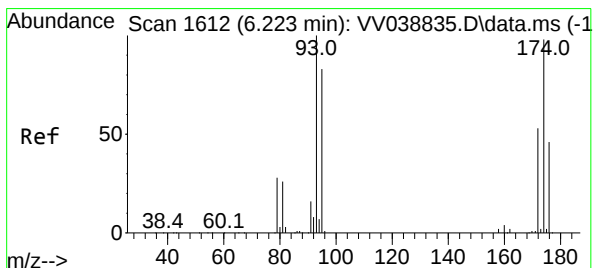
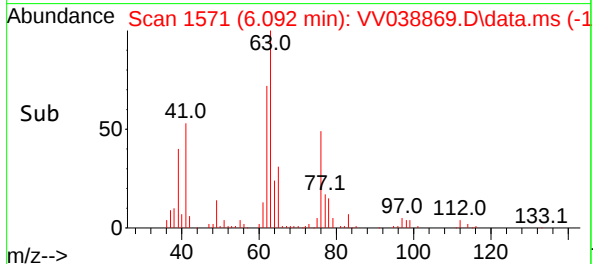
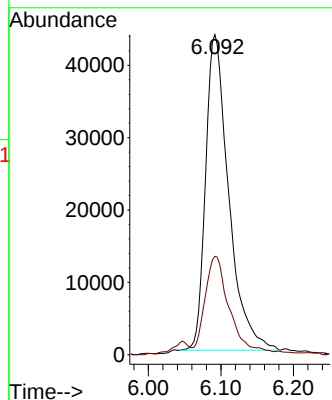
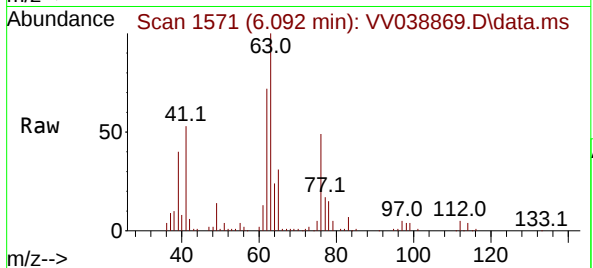
VV0707WBSD01

Tgt Ion: 63 Resp: 96651

Ion Ratio Lower Upper

63 100

65 30.2 24.3 36.5



#46

Dibromomethane

Concen: 22.683 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.007 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

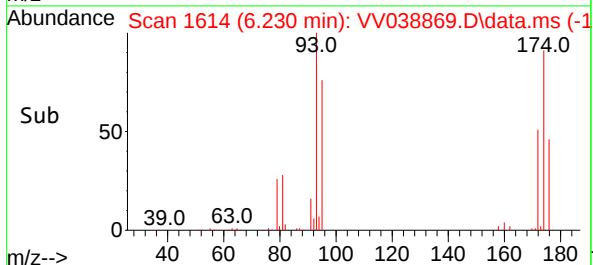
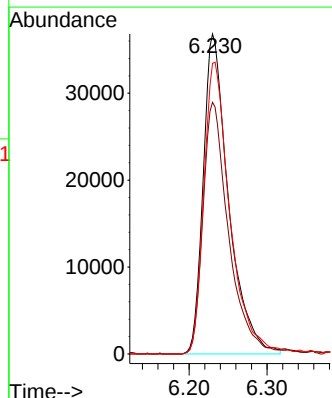
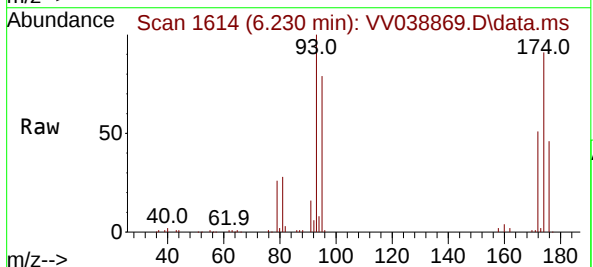
Tgt Ion: 93 Resp: 83062

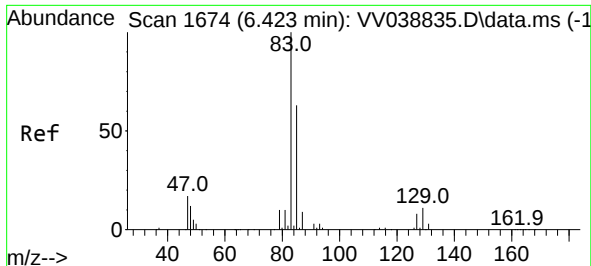
Ion Ratio Lower Upper

93 100

95 79.4 66.7 100.1

174 94.2 78.7 118.1

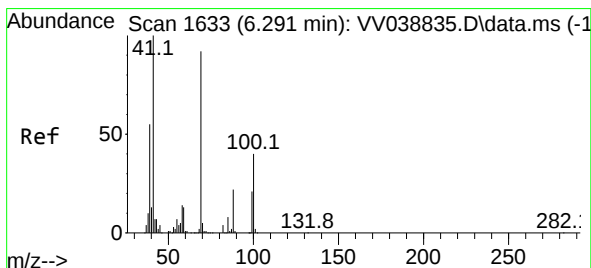
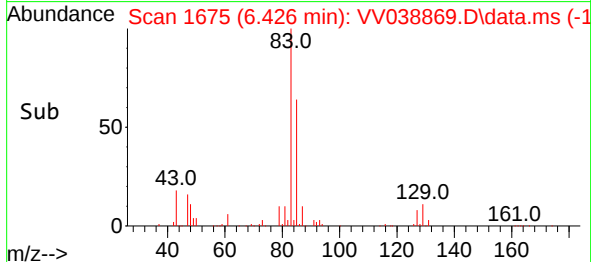
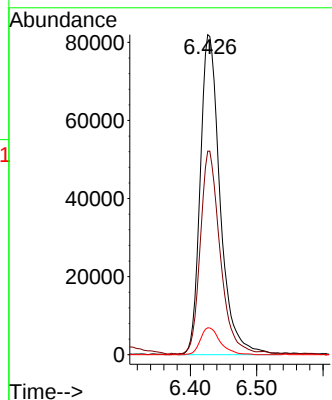
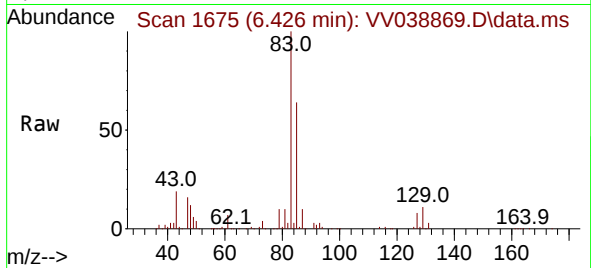




#47
Bromodichloromethane
Concen: 22.045 ug/l
RT: 6.426 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

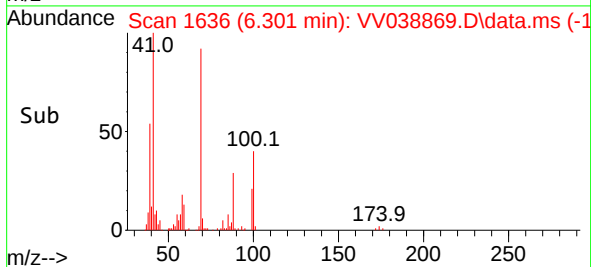
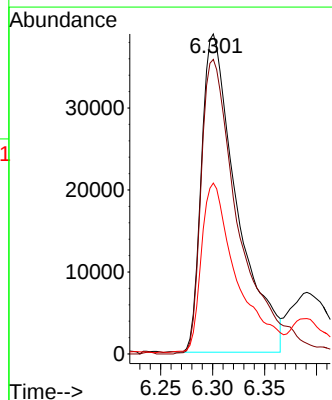
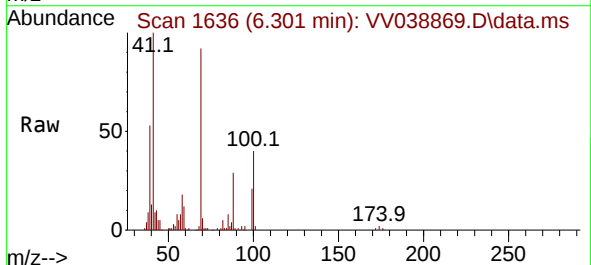
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

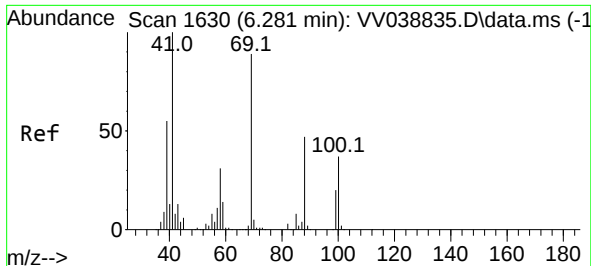
Tgt Ion: 83 Resp: 170929
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.4 6.6 10.0



#48
Methyl methacrylate
Concen: 21.154 ug/l
RT: 6.301 min Scan# 1636
Delta R.T. 0.010 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 41 Resp: 91683
Ion Ratio Lower Upper
41 100
69 100.1 77.4 116.2
39 53.6 44.2 66.4





#49

1,4-Dioxane

Concen: 563.949 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.010 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBSD01

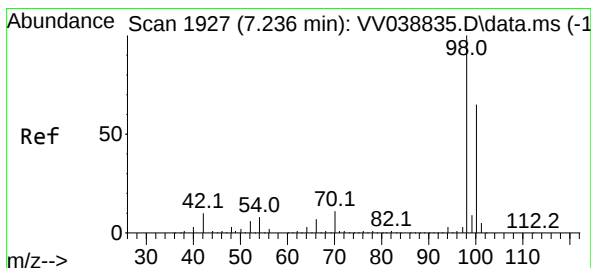
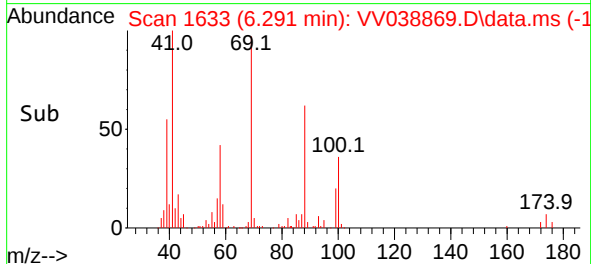
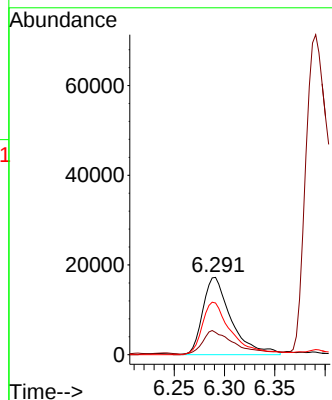
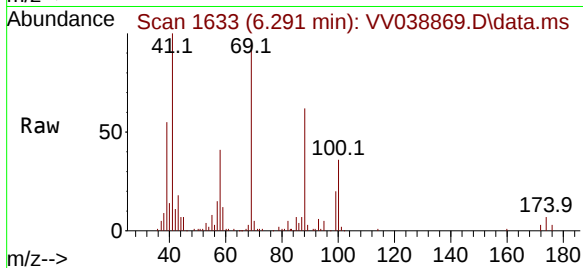
Tgt Ion: 88 Resp: 33879

Ion Ratio Lower Upper

88 100

43 34.0 25.2 37.8

58 69.5 52.1 78.1



#50

Toluene-d8

Concen: 49.051 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038869.D

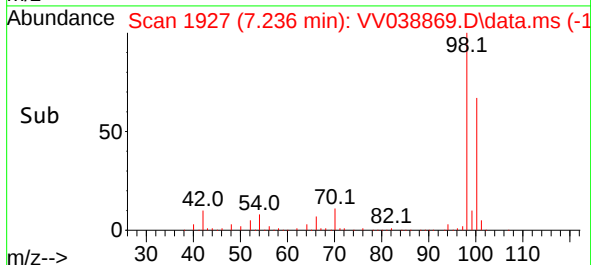
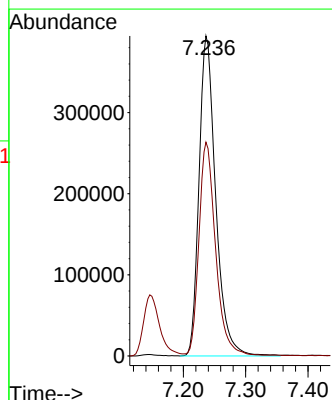
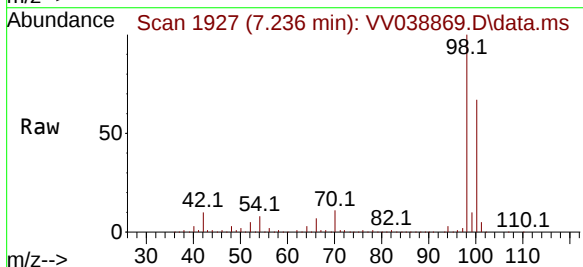
Acq: 07 Jul 2025 13:53

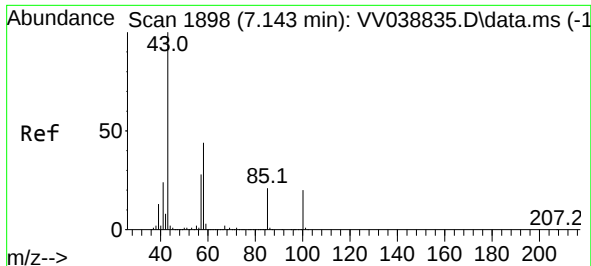
Tgt Ion: 98 Resp: 732289

Ion Ratio Lower Upper

98 100

100 66.4 53.0 79.4

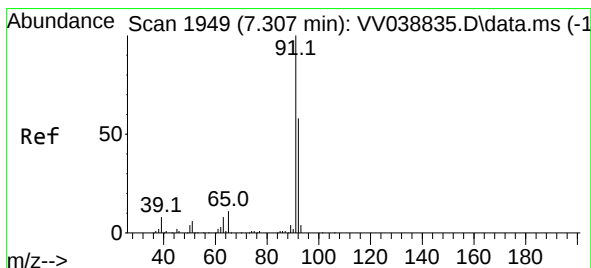
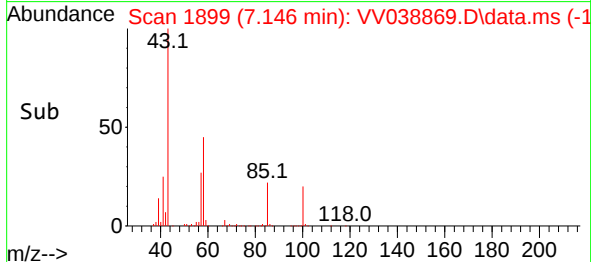
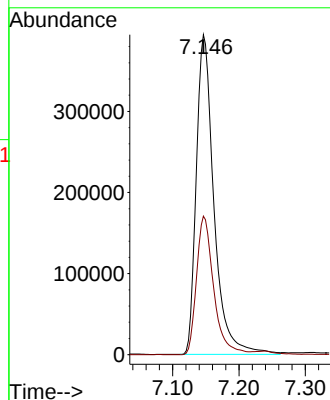
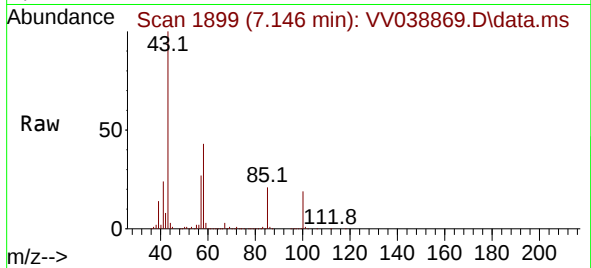




#51
4-Methyl-2-Pentanone
Concen: 126.898 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

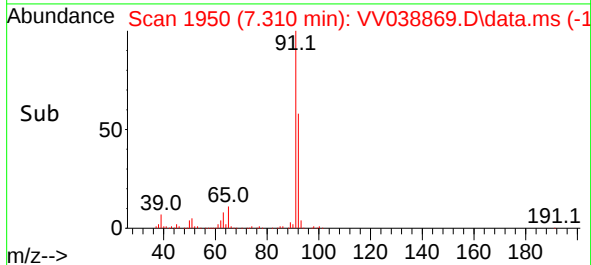
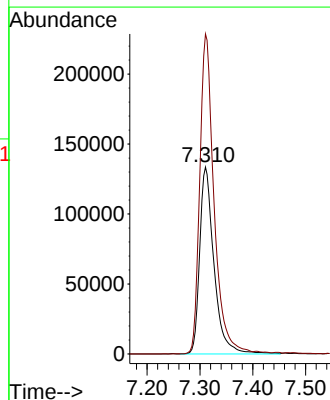
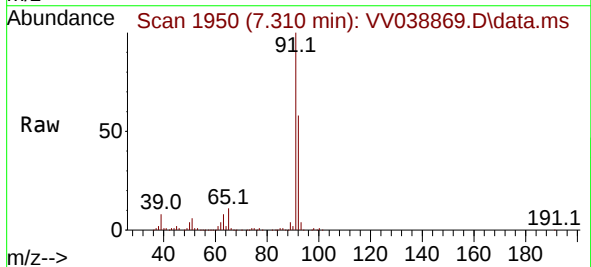
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

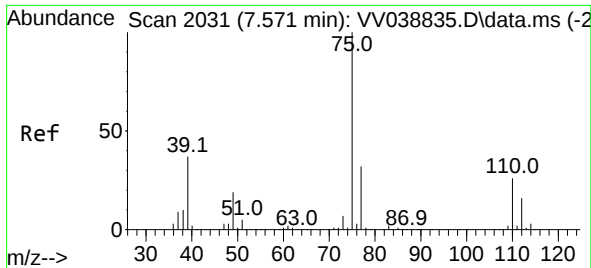
Tgt Ion: 43 Resp: 729888
Ion Ratio Lower Upper
43 100
58 42.0 34.4 51.6



#52
Toluene
Concen: 21.743 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 92 Resp: 251172
Ion Ratio Lower Upper
92 100
91 170.7 138.5 207.7

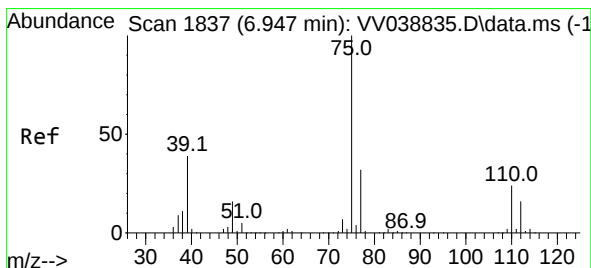
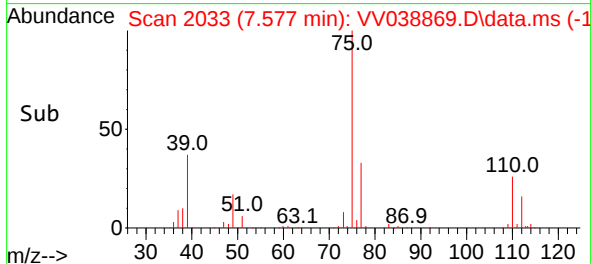
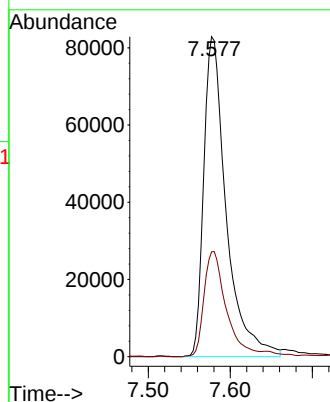
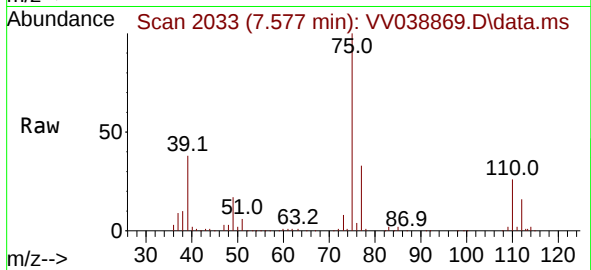




#53
t-1,3-Dichloropropene
Concen: 21.253 ug/l
RT: 7.577 min Scan# 2031
Delta R.T. 0.007 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

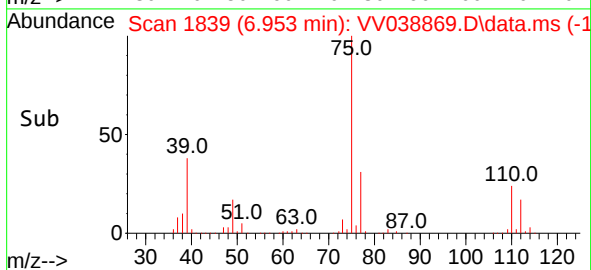
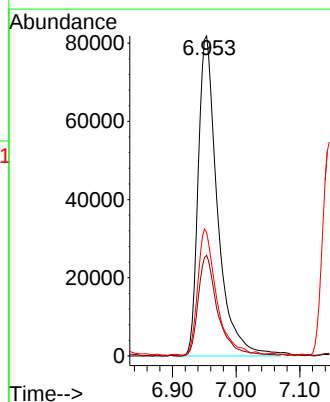
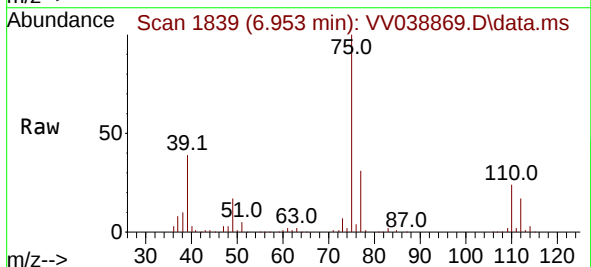
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

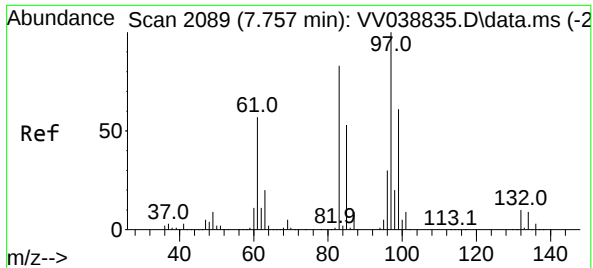
Tgt Ion: 75 Resp: 157764
Ion Ratio Lower Upper
75 100
77 32.7 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 22.703 ug/l
RT: 6.953 min Scan# 1839
Delta R.T. 0.007 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 75 Resp: 172312
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.8
39 38.3 31.3 46.9



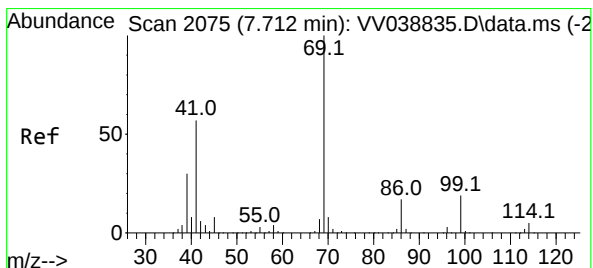
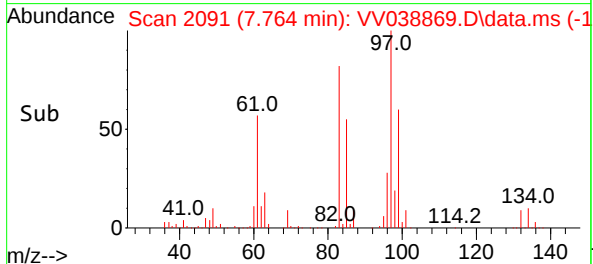
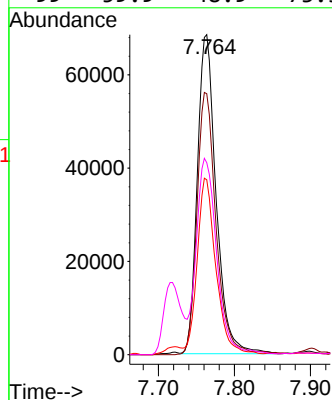
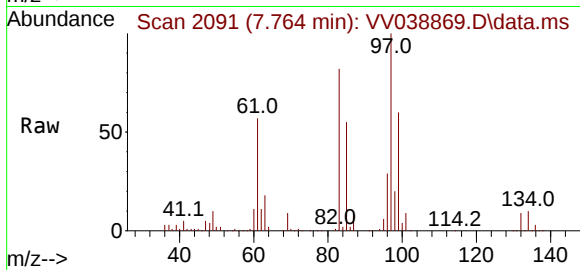


#55
 1,1,2-Trichloroethane
 Concen: 23.290 ug/l
 RT: 7.764 min Scan# 2089
 Delta R.T. 0.007 min
 Lab File: VV038869.D
 Acq: 07 Jul 2025 13:53

Instrument :
 MSVOA_V
 ClientSampleId :
 VV0707WBSD01

Tgt Ion: 97 Resp: 117646

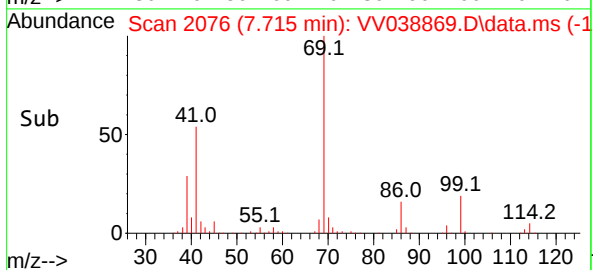
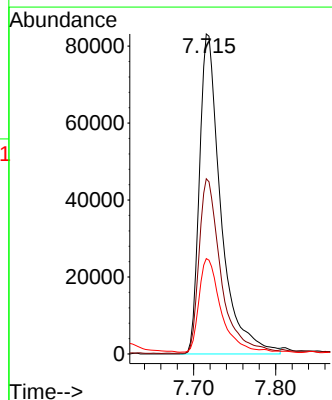
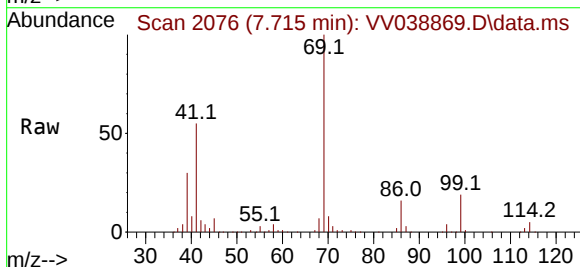
Ion	Ratio	Lower	Upper
97	100		
83	81.6	66.2	99.4
85	54.5	42.2	63.4
99	59.9	48.9	73.3

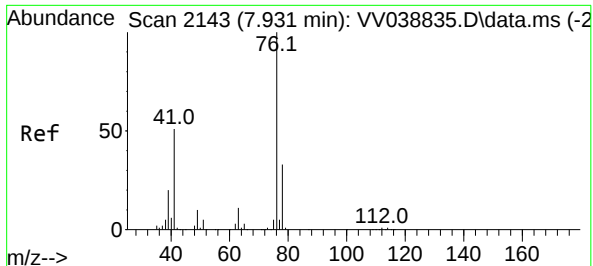


#56
 Ethyl methacrylate
 Concen: 22.739 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. 0.003 min
 Lab File: VV038869.D
 Acq: 07 Jul 2025 13:53

Tgt Ion: 69 Resp: 151111

Ion	Ratio	Lower	Upper
69	100		
41	55.8	46.1	69.1
39	29.5	24.1	36.1

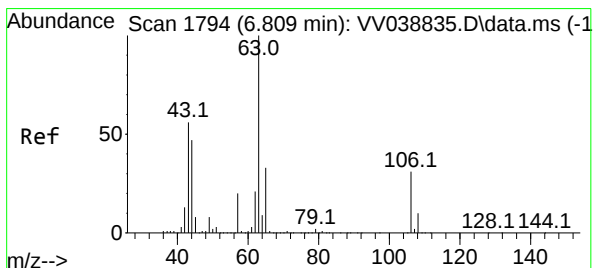
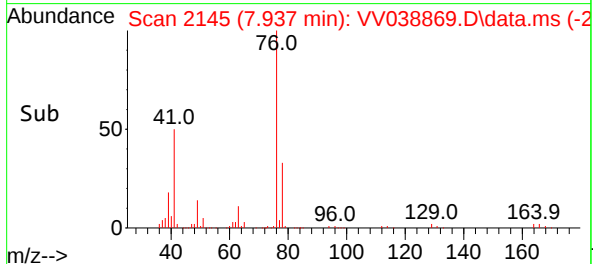
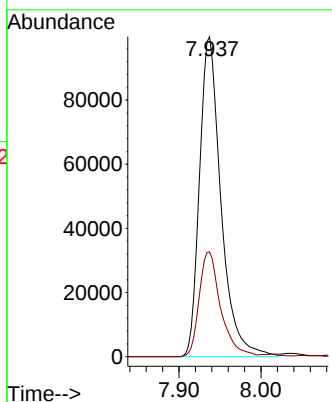
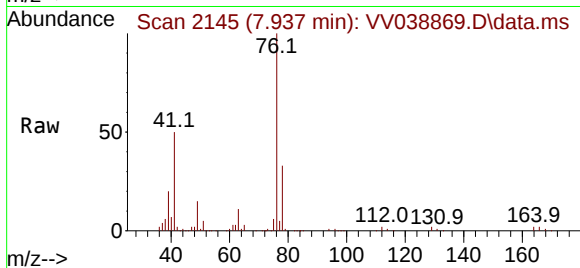




#57
1,3-Dichloropropane
Concen: 22.787 ug/l
RT: 7.937 min Scan# 2143
Delta R.T. 0.007 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

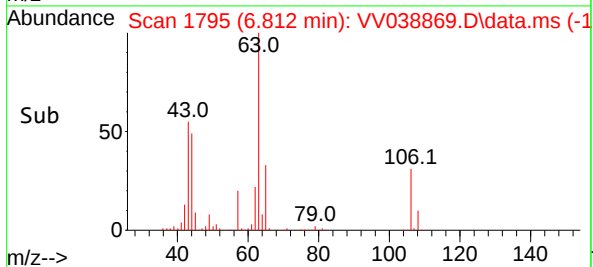
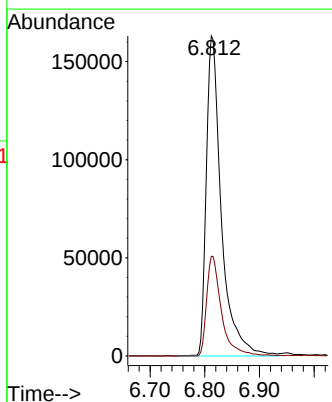
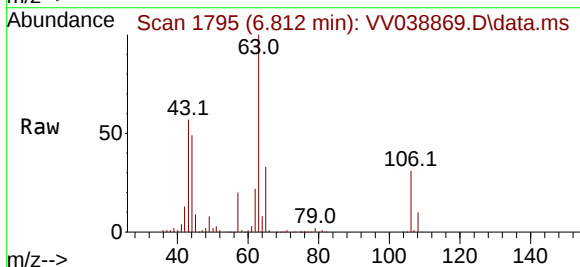
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

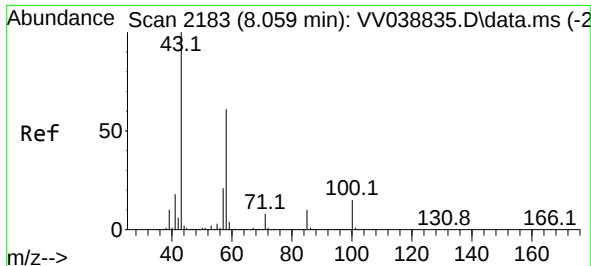
Tgt Ion: 76 Resp: 181326
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.2



#58
2-Chloroethyl Vinyl ether
Concen: 103.374 ug/l
RT: 6.812 min Scan# 1795
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 63 Resp: 311929
Ion Ratio Lower Upper
63 100
106 30.4 24.6 37.0

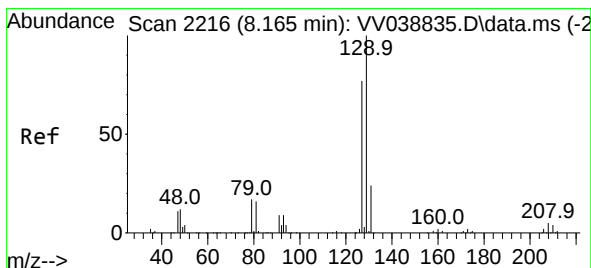
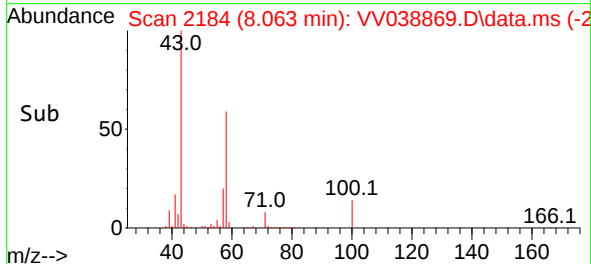
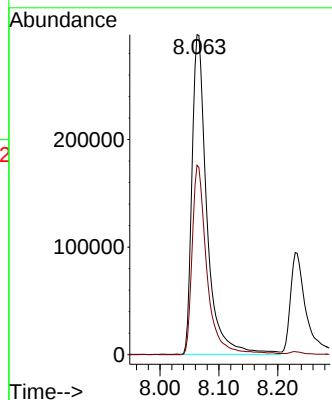
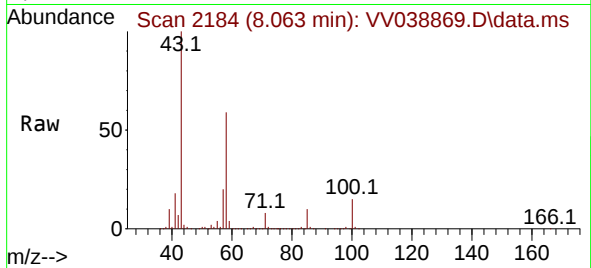




#59
2-Hexanone
Concen: 128.686 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

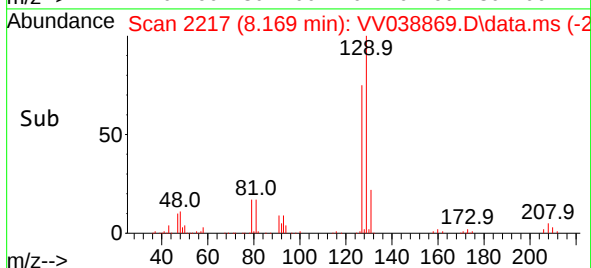
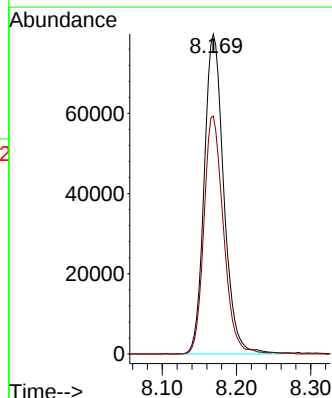
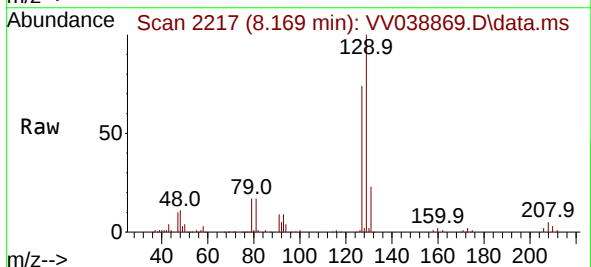
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

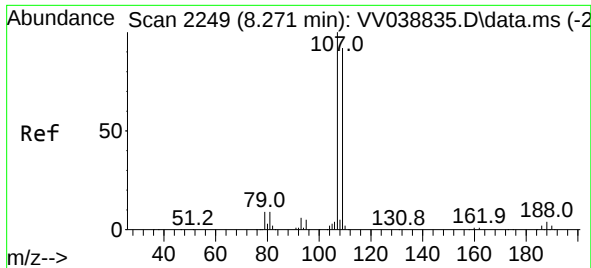
Tgt Ion: 43 Resp: 522063
Ion Ratio Lower Upper
43 100
58 58.8 30.3 91.0



#60
Dibromochloromethane
Concen: 22.907 ug/l
RT: 8.169 min Scan# 2217
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 129 Resp: 145692
Ion Ratio Lower Upper
129 100
127 74.2 38.2 114.6

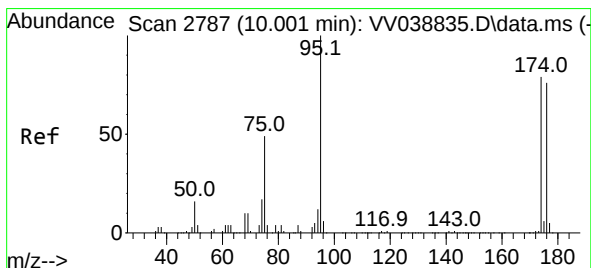
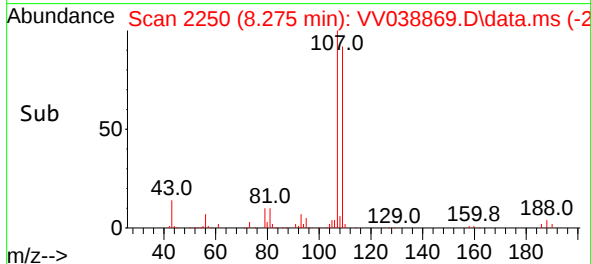
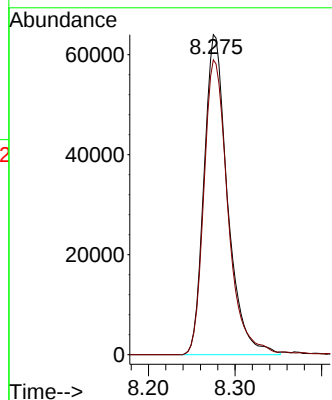
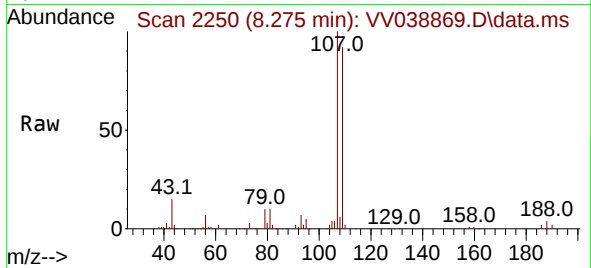




#61
 1,2-Dibromoethane
 Concen: 23.075 ug/l
 RT: 8.275 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: VV038869.D
 Acq: 07 Jul 2025 13:53

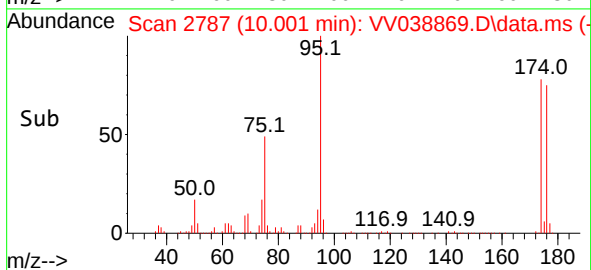
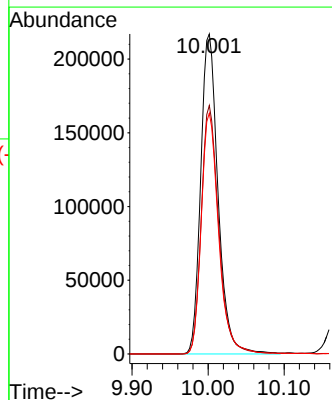
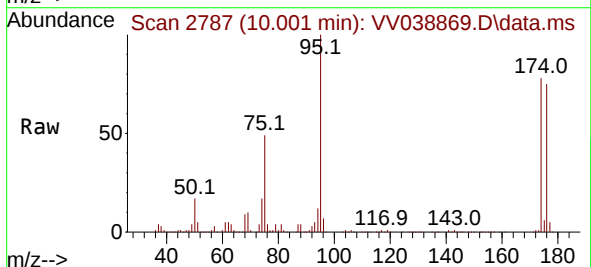
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0707WBSD01

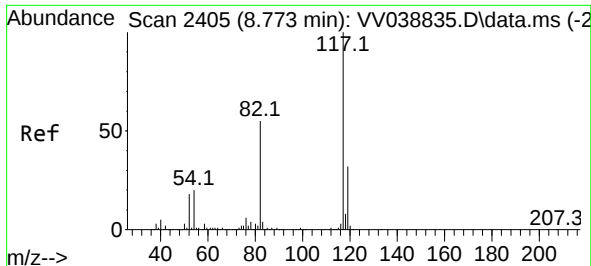
Tgt Ion:107 Resp: 120592
 Ion Ratio Lower Upper
 107 100
 109 94.7 74.8 112.2



#62
 4-Bromofluorobenzene
 Concen: 57.162 ug/l
 RT: 10.001 min Scan# 2787
 Delta R.T. 0.000 min
 Lab File: VV038869.D
 Acq: 07 Jul 2025 13:53

Tgt Ion: 95 Resp: 344775
 Ion Ratio Lower Upper
 95 100
 174 77.8 0.0 158.2
 176 75.4 0.0 154.4

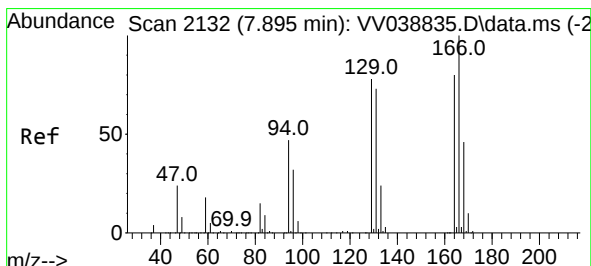
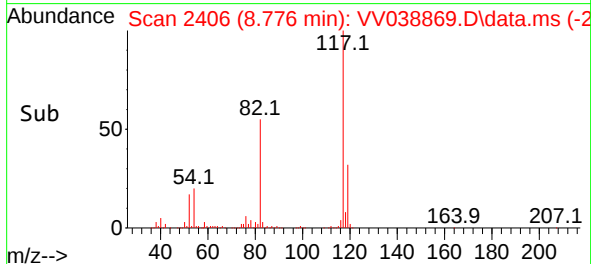
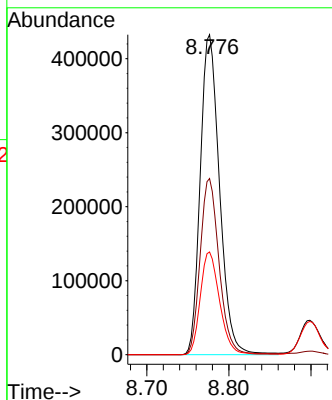
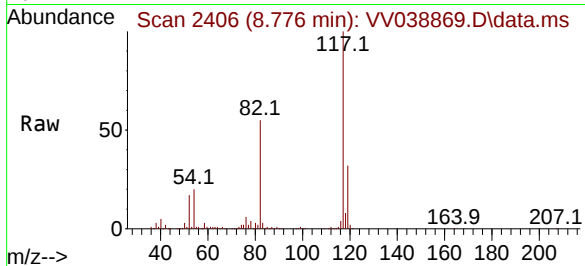




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

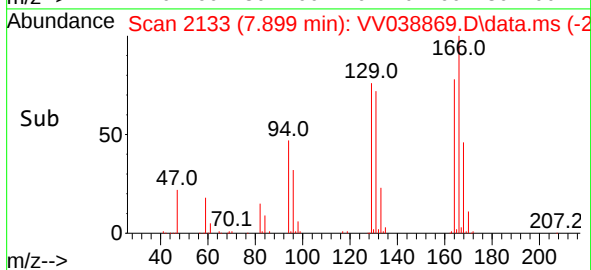
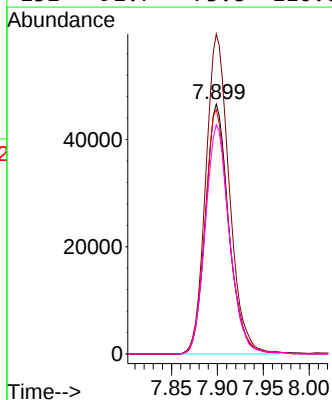
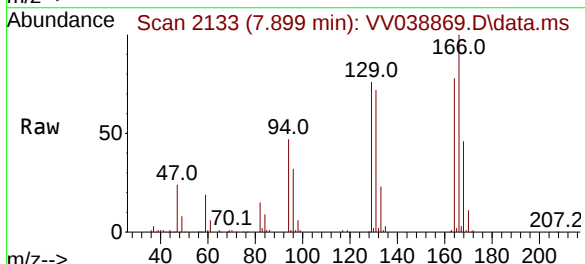
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

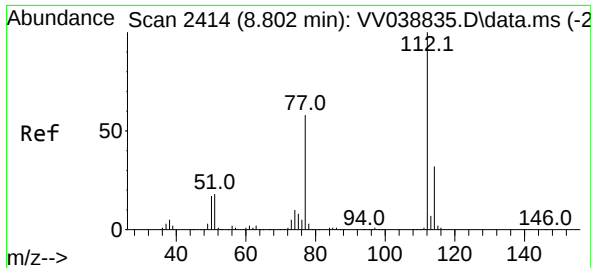
Tgt Ion:	117	Resp:	705889
Ion	Ratio	Lower	Upper
117	100		
82	55.1	44.2	66.4
119	32.1	25.5	38.3



#64
Tetrachloroethene
Concen: 18.230 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion:	164	Resp:	82751
Ion	Ratio	Lower	Upper
164	100		
166	128.0	100.6	151.0
129	97.7	78.4	117.6
131	91.7	73.8	110.6

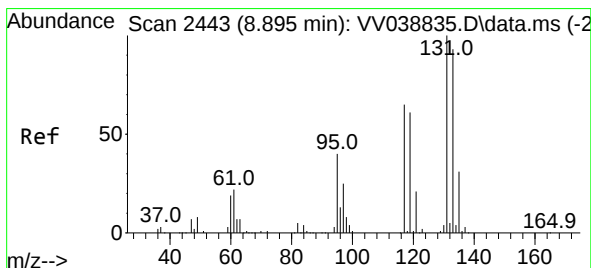
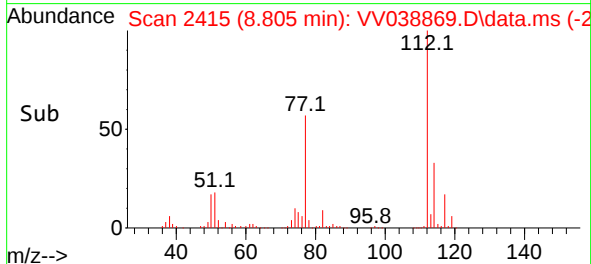
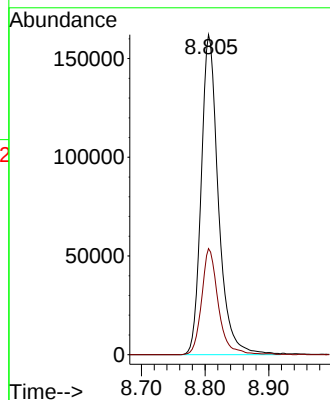
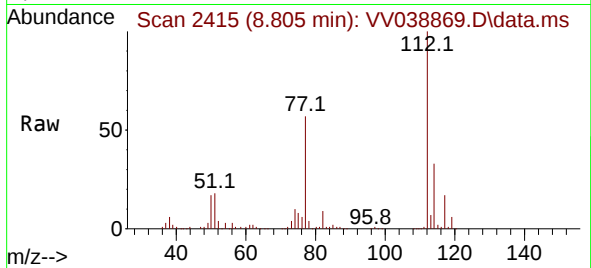




#65
Chlorobenzene
Concen: 20.474 ug/l
RT: 8.805 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

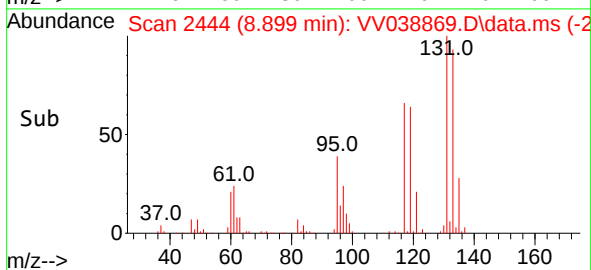
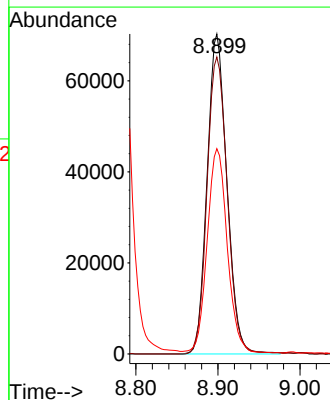
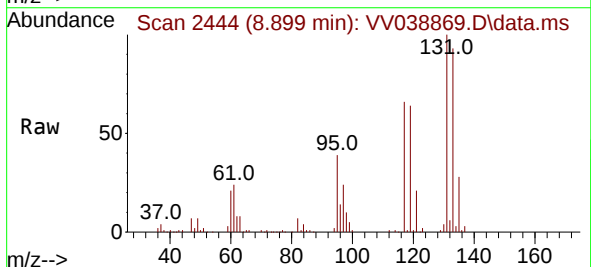
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

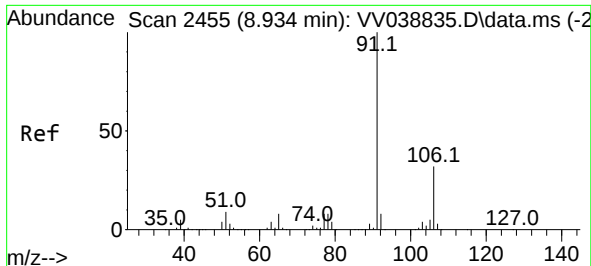
Tgt Ion:112 Resp: 304574
Ion Ratio Lower Upper
112 100
114 33.2 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 21.210 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion:131 Resp: 117820
Ion Ratio Lower Upper
131 100
133 95.3 47.3 142.0
119 64.9 31.0 93.0





#67

Ethyl Benzene

Concen: 19.738 ug/l

RT: 8.937 min Scan# 2455

Delta R.T. 0.003 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

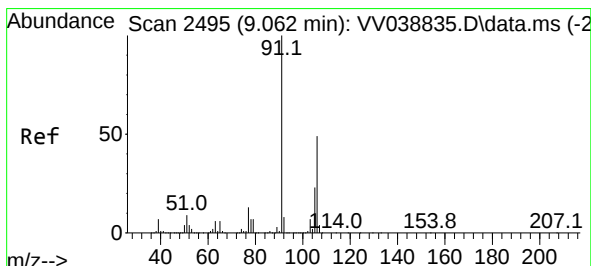
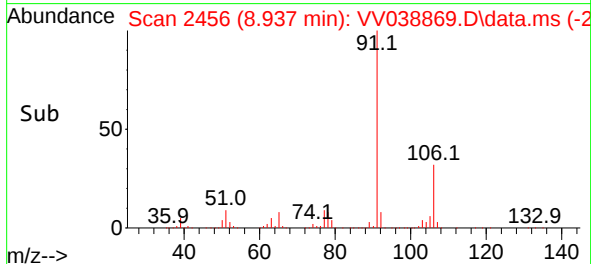
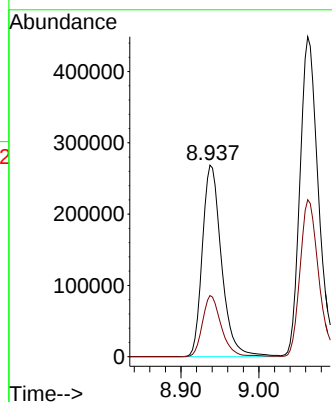
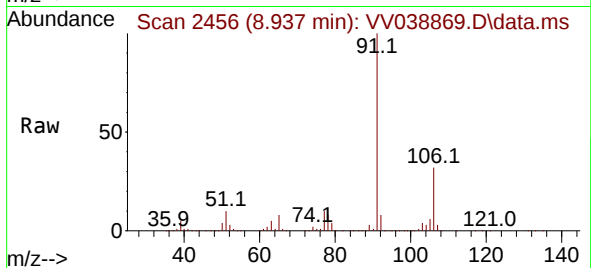
VV0707WBSD01

Tgt Ion: 91 Resp: 460046

Ion Ratio Lower Upper

91 100

106 31.9 25.2 37.8



#68

m/p-Xylenes

Concen: 41.166 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038869.D

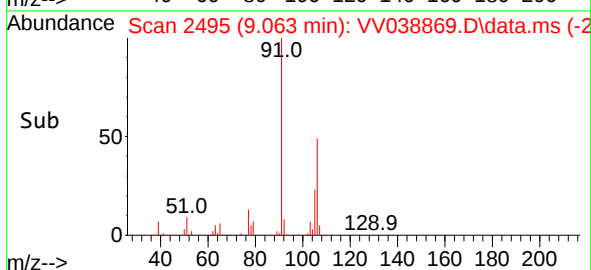
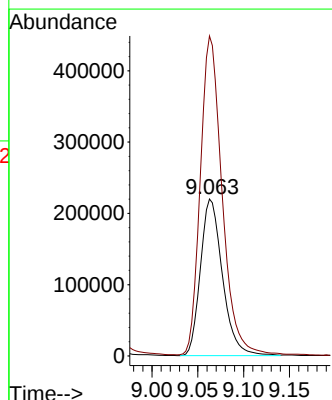
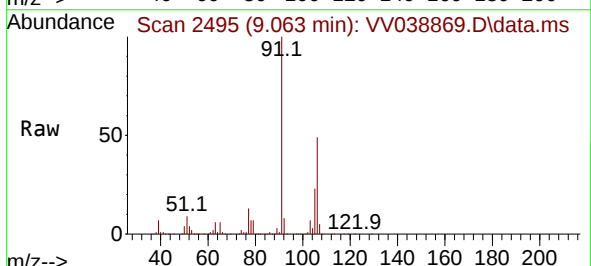
Acq: 07 Jul 2025 13:53

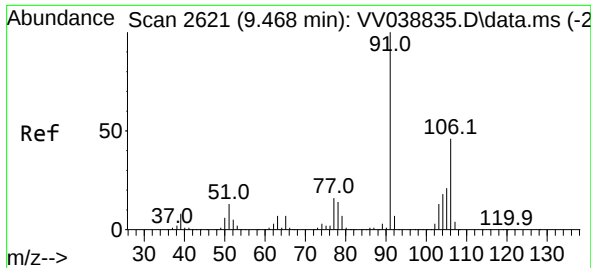
Tgt Ion:106 Resp: 367495

Ion Ratio Lower Upper

106 100

91 201.1 162.9 244.3

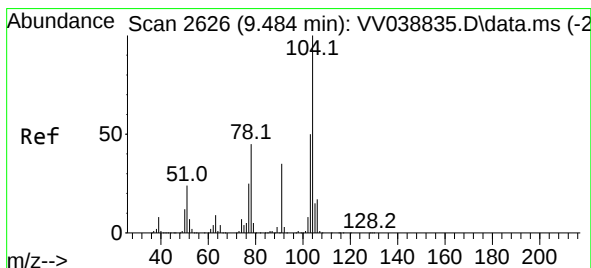
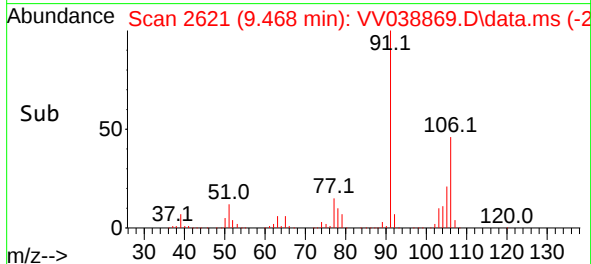
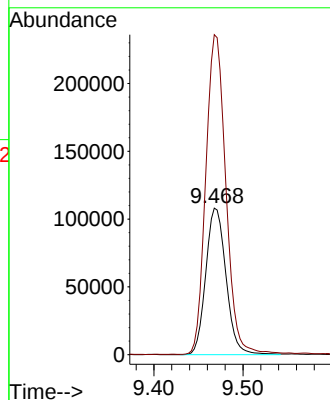
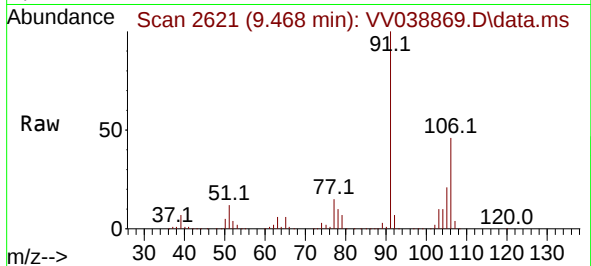




#69
o-Xylene
Concen: 20.025 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

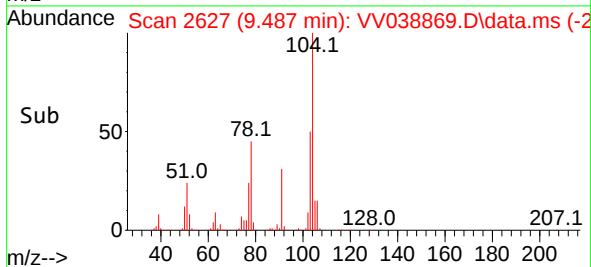
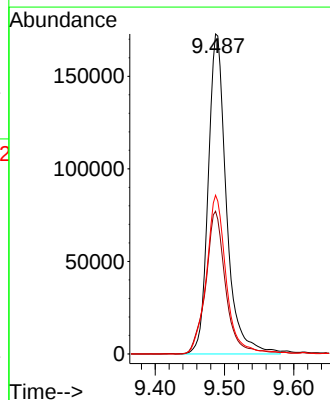
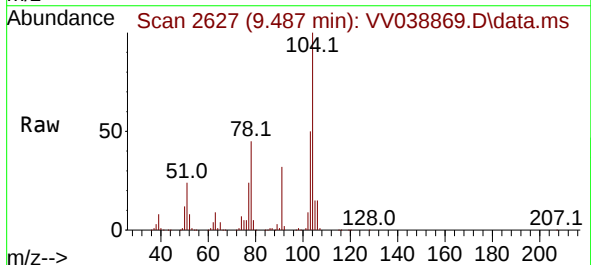
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

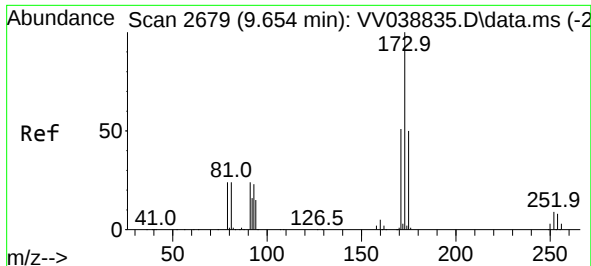
Tgt Ion:106 Resp: 170798
Ion Ratio Lower Upper
106 100
91 216.1 107.6 322.8



#70
Styrene
Concen: 21.161 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion:104 Resp: 315123
Ion Ratio Lower Upper
104 100
78 48.8 39.9 59.9
103 54.4 43.4 65.0

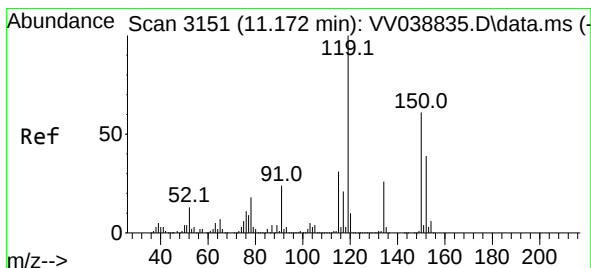
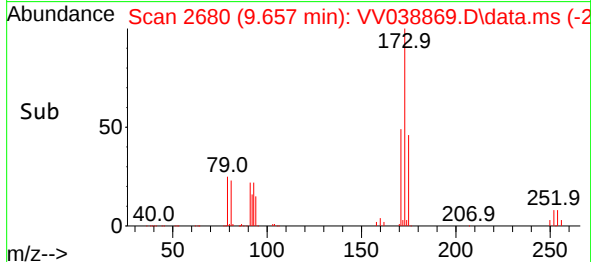
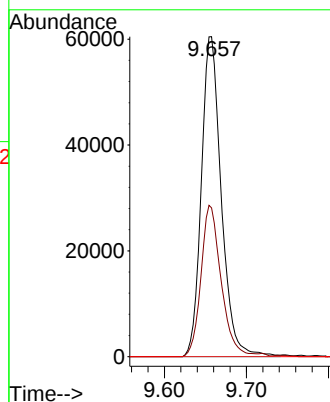
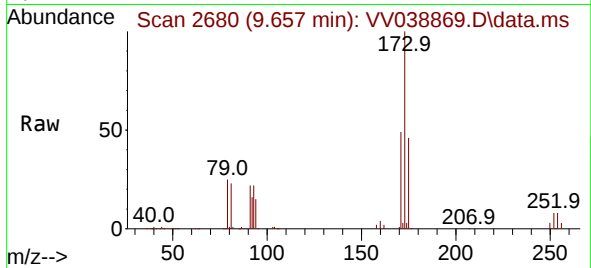




#71
Bromoform
Concen: 22.639 ug/l
RT: 9.657 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

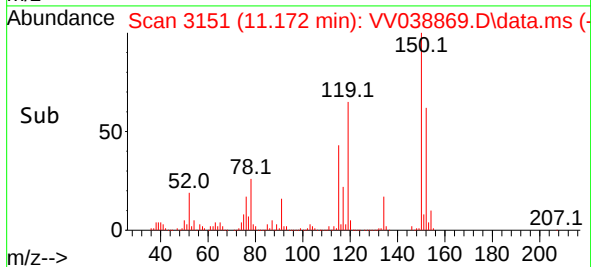
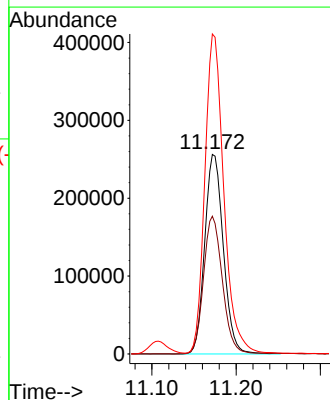
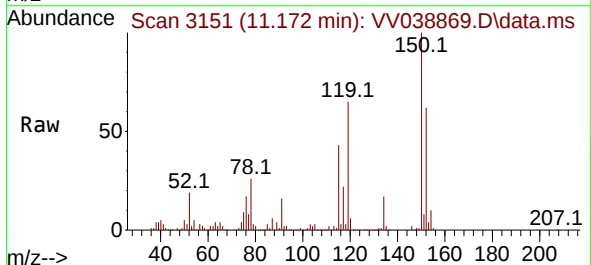
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

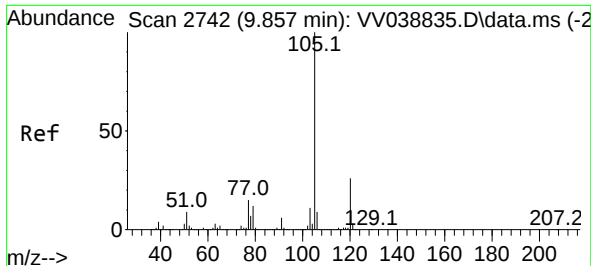
Tgt Ion:173 Resp: 102193
Ion Ratio Lower Upper
173 100
175 47.7 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion:152 Resp: 395484
Ion Ratio Lower Upper
152 100
115 69.7 42.0 126.0
150 162.9 0.0 343.6

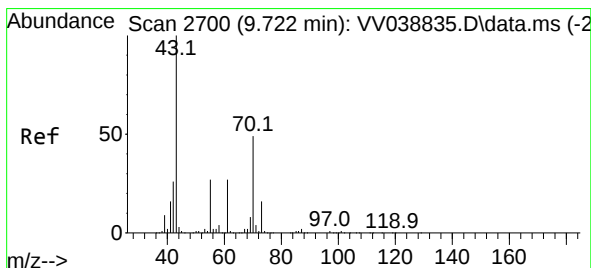
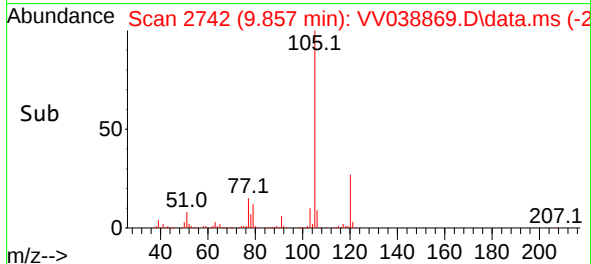
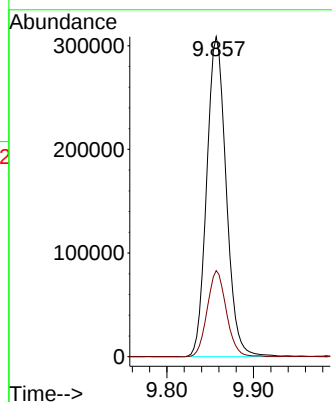
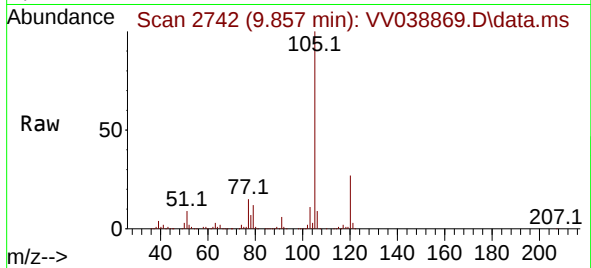




#73
Isopropylbenzene
Concen: 20.757 ug/l
RT: 9.857 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

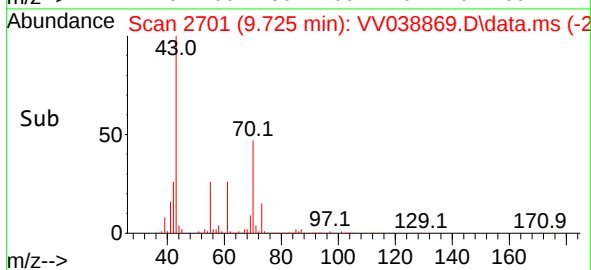
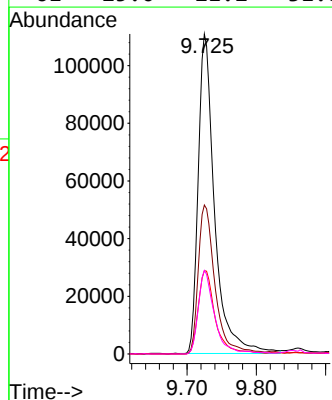
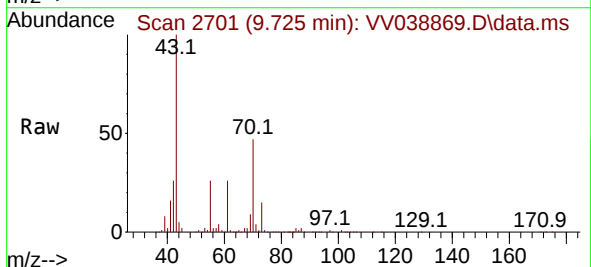
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

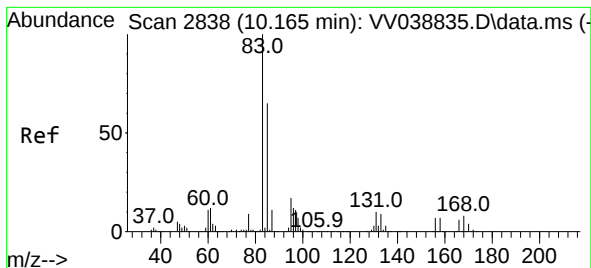
Tgt Ion:105 Resp: 481777
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.3



#74
N-ethyl acetate
Concen: 22.545 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 43 Resp: 183160
Ion Ratio Lower Upper
43 100
70 47.6 39.7 59.5
55 26.9 22.1 33.1
61 25.0 21.2 31.8





#75

1,1,2-Tetrachloroethane

Concen: 23.074 ug/l

RT: 10.165 min Scan# 2838

Delta R.T. 0.000 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBSD01

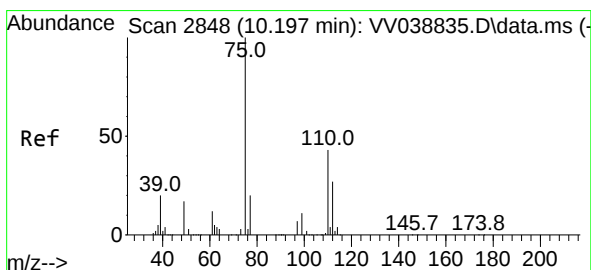
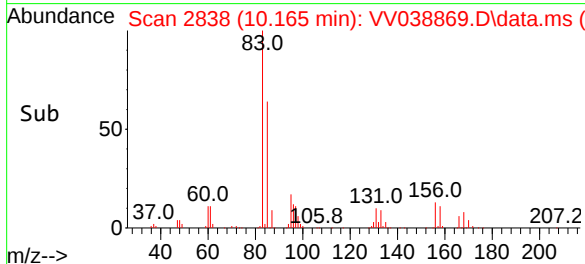
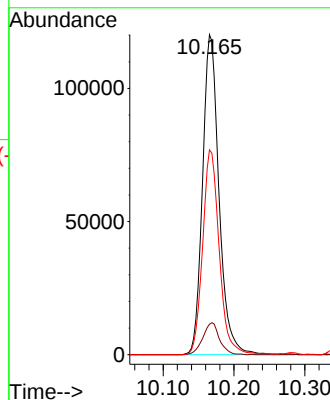
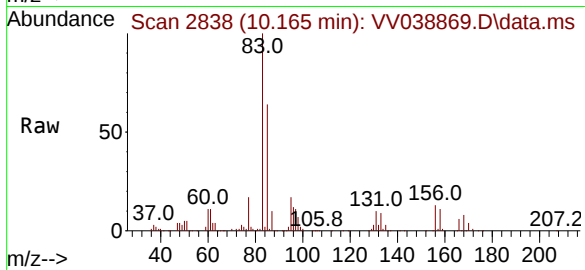
Tgt Ion: 83 Resp: 194153

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.3

85 64.1 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 22.401 ug/l

RT: 10.198 min Scan# 2848

Delta R.T. 0.000 min

Lab File: VV038869.D

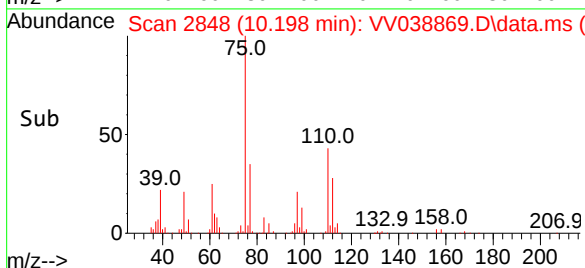
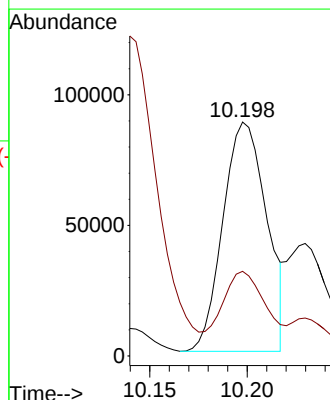
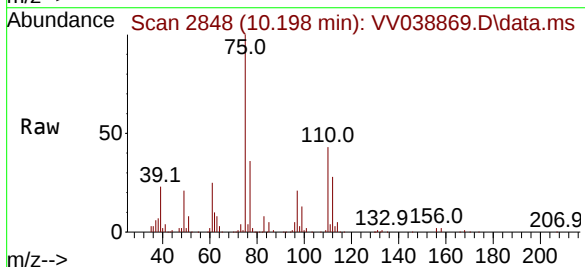
Acq: 07 Jul 2025 13:53

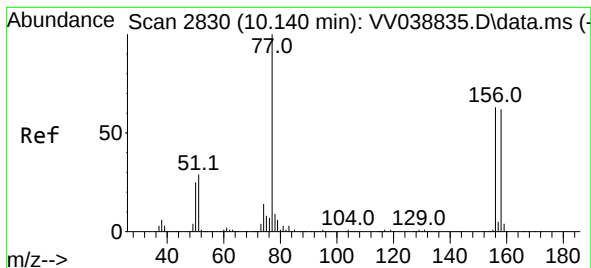
Tgt Ion: 75 Resp: 137073

Ion Ratio Lower Upper

75 100

77 24.0 11.7 35.1





#77

Bromobenzene

Concen: 21.868 ug/l

RT: 10.143 min Scan# 2830

Delta R.T. 0.003 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBSD01

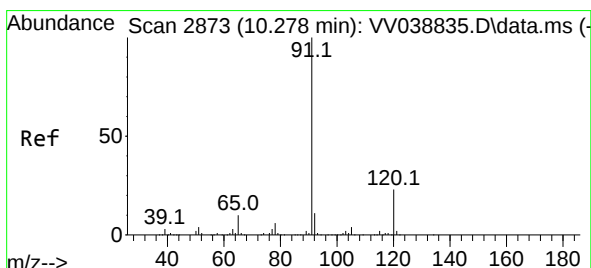
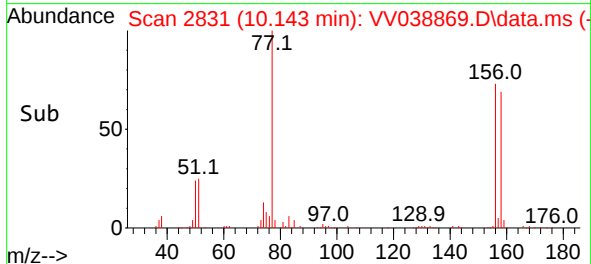
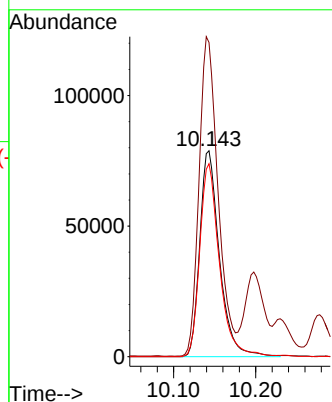
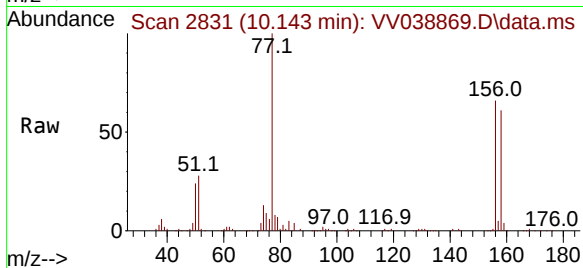
Tgt Ion:156 Resp: 130938

Ion Ratio Lower Upper

156 100

77 149.7 77.0 230.8

158 93.8 48.8 146.3



#78

n-propylbenzene

Concen: 20.655 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038869.D

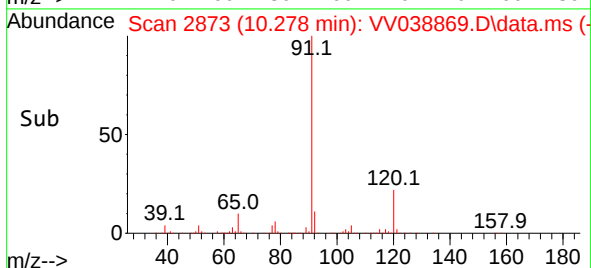
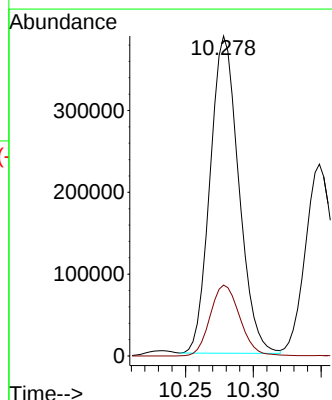
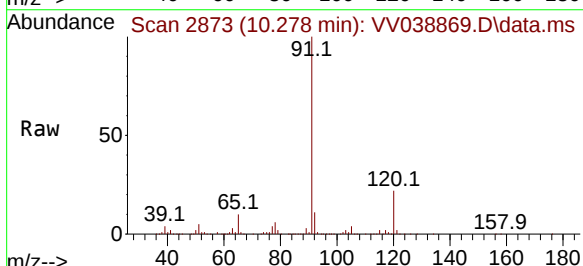
Acq: 07 Jul 2025 13:53

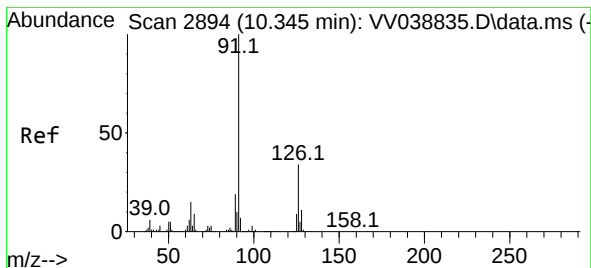
Tgt Ion: 91 Resp: 570510

Ion Ratio Lower Upper

91 100

120 23.2 11.7 35.0

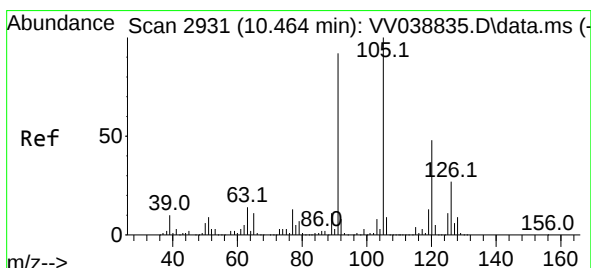
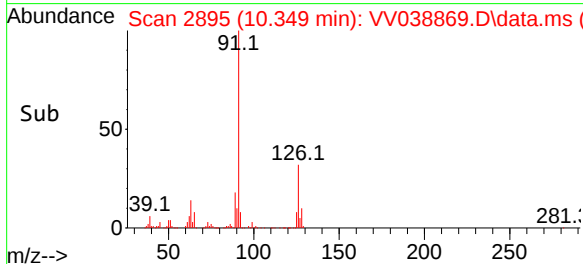
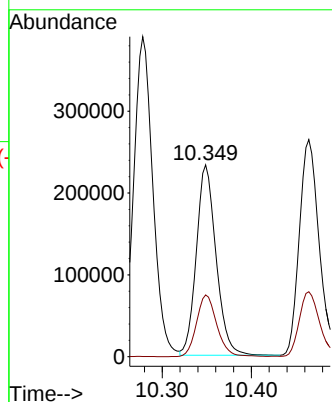
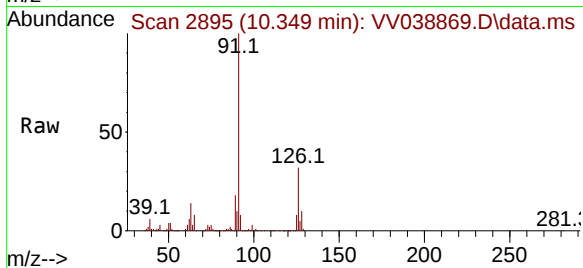




#79
2-Chlorotoluene
Concen: 21.349 ug/l
RT: 10.349 min Scan# 2894
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

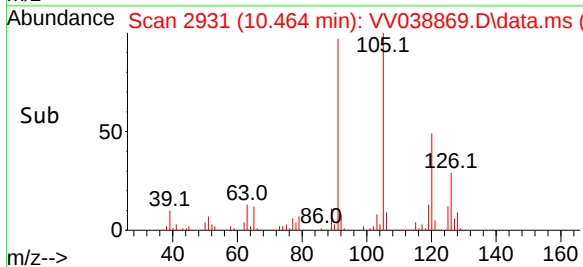
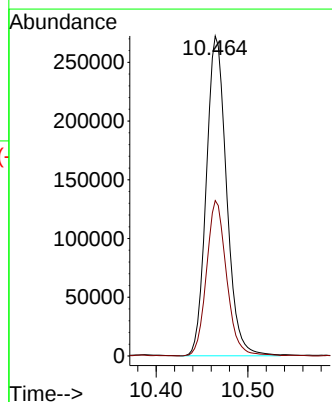
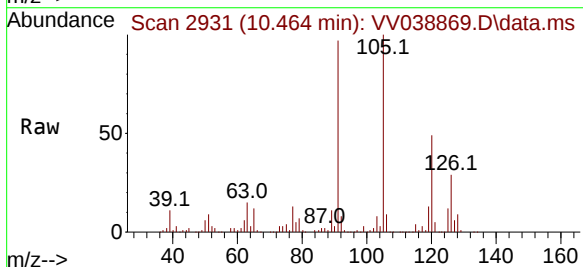
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

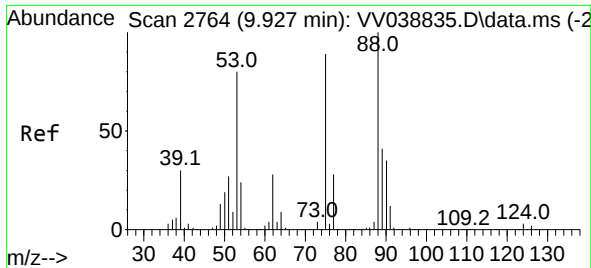
Tgt Ion: 91 Resp: 358115
Ion Ratio Lower Upper
91 100
126 33.6 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 21.062 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 105 Resp: 417976
Ion Ratio Lower Upper
105 100
120 48.1 23.9 71.7

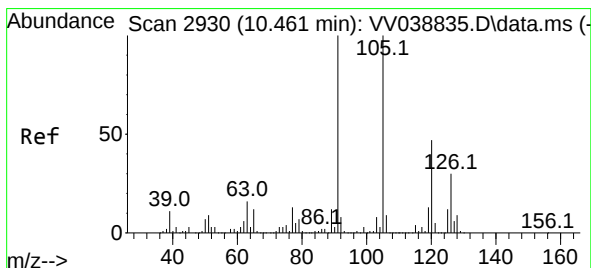
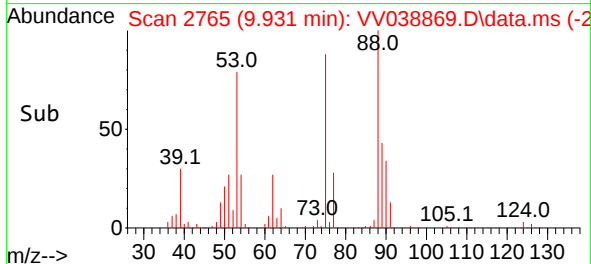
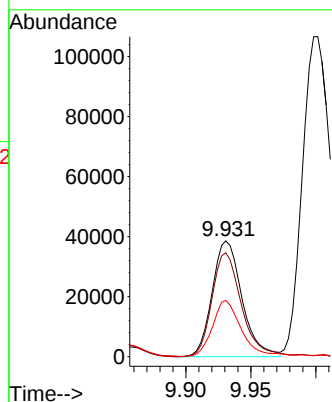
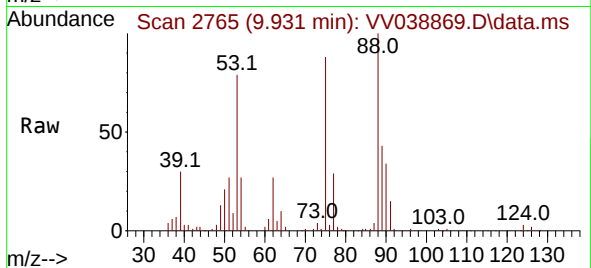




#81
trans-1,4-Dichloro-2-butene
Concen: 21.418 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

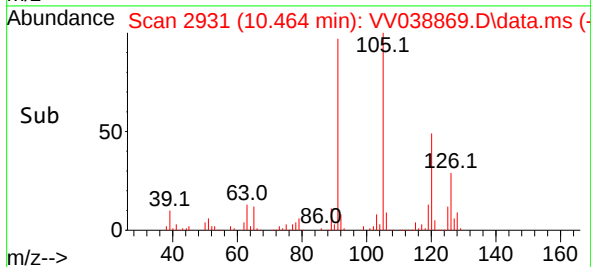
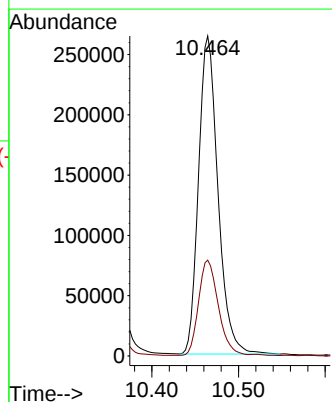
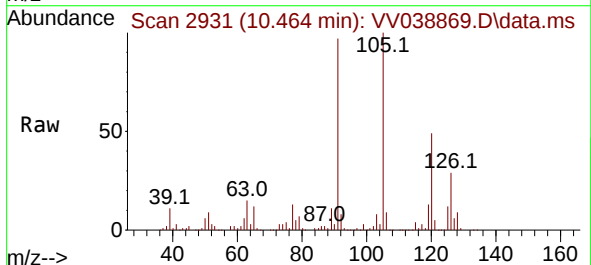
Instrument :
MSVOA_V
ClientSampleId :
VV0707WBSD01

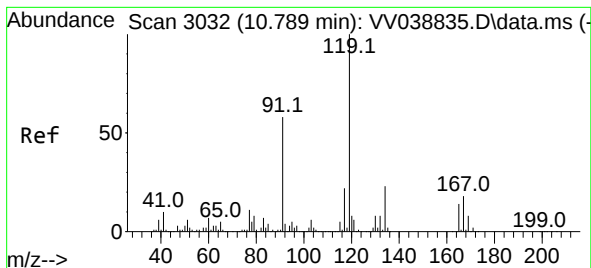
Tgt Ion: 75 Resp: 61568
Ion Ratio Lower Upper
75 100
53 88.7 71.2 106.8
89 46.3 44.6 66.8



#82
4-Chlorotoluene
Concen: 21.279 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV038869.D
Acq: 07 Jul 2025 13:53

Tgt Ion: 91 Resp: 411501
Ion Ratio Lower Upper
91 100
126 30.3 14.8 44.3





#83

tert-Butylbenzene

Concen: 20.291 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBSD01

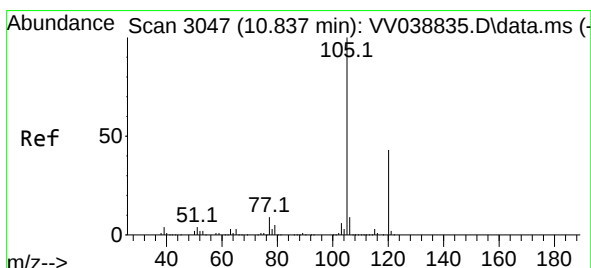
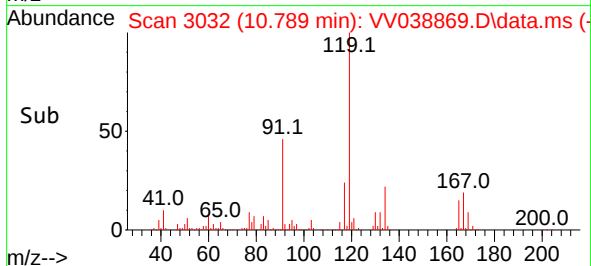
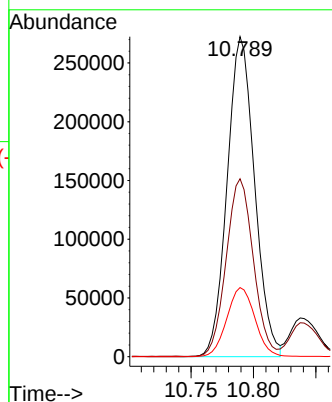
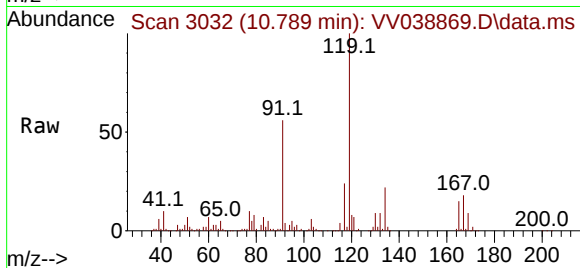
Tgt Ion:119 Resp: 417656

Ion Ratio Lower Upper

119 100

91 54.8 28.5 85.5

134 22.1 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 21.086 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. 0.003 min

Lab File: VV038869.D

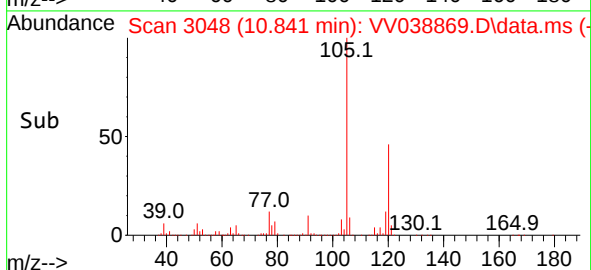
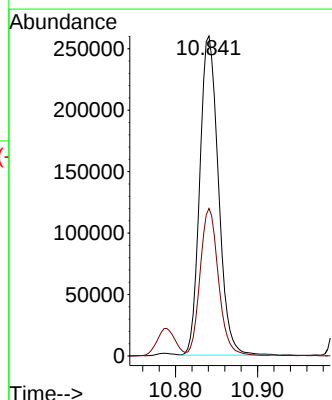
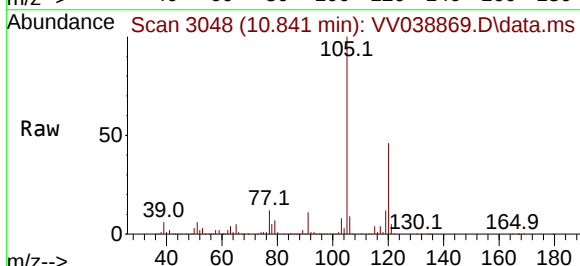
Acq: 07 Jul 2025 13:53

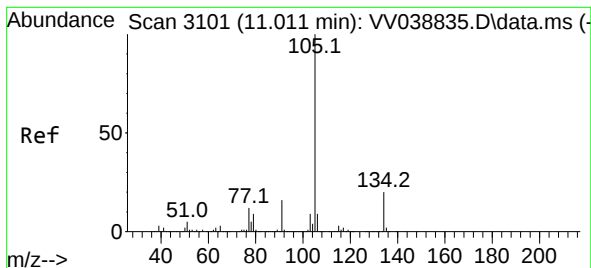
Tgt Ion:105 Resp: 410136

Ion Ratio Lower Upper

105 100

120 45.3 22.7 68.0





#85

sec-Butylbenzene

Concen: 20.315 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

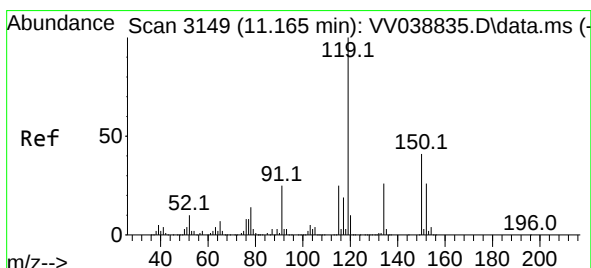
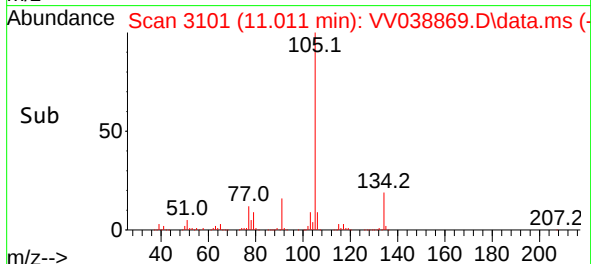
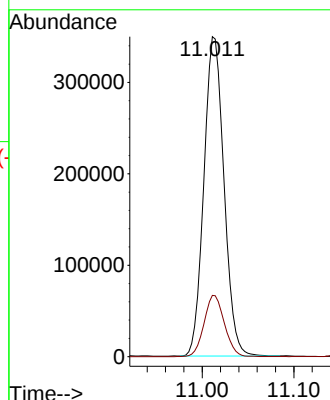
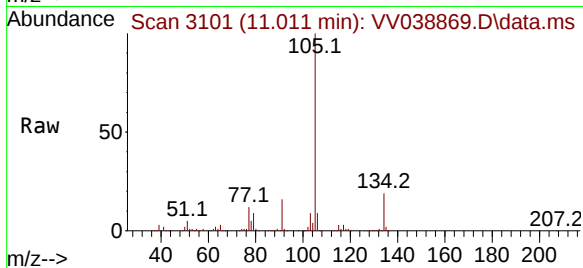
VV0707WBSD01

Tgt Ion:105 Resp: 532341

Ion Ratio Lower Upper

105 100

134 19.5 10.0 30.0



#86

p-Isopropyltoluene

Concen: 20.539 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

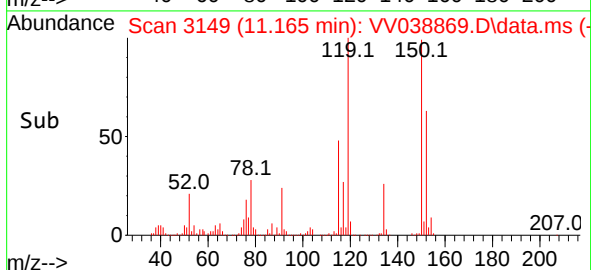
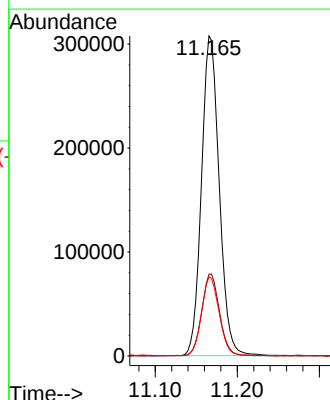
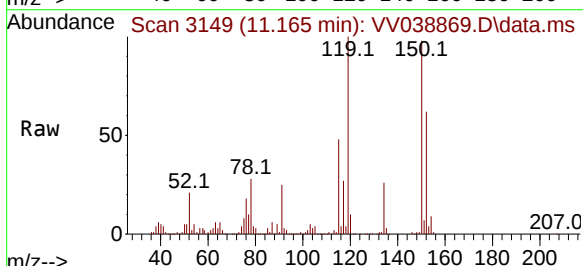
Tgt Ion:119 Resp: 461429

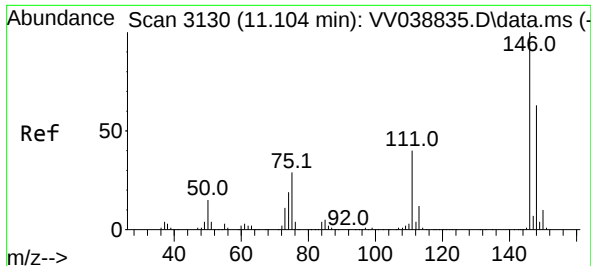
Ion Ratio Lower Upper

119 100

134 25.5 13.0 39.0

91 24.4 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 20.989 ug/l

RT: 11.108 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBSD01

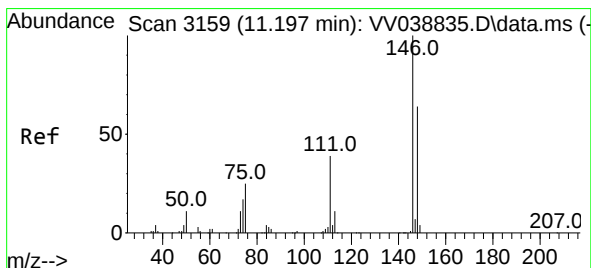
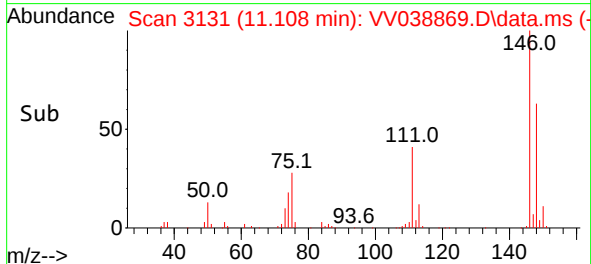
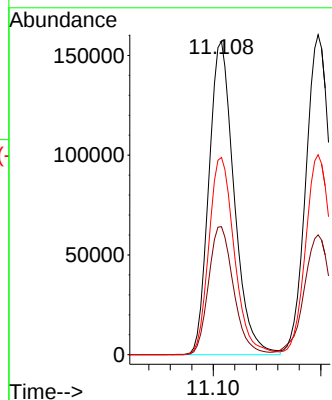
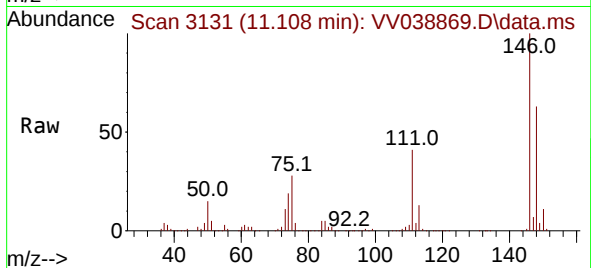
Tgt Ion:146 Resp: 255492

Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.6

148 63.9 31.3 93.8



#88

1,4-Dichlorobenzene

Concen: 20.749 ug/l

RT: 11.198 min Scan# 3159

Delta R.T. 0.000 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

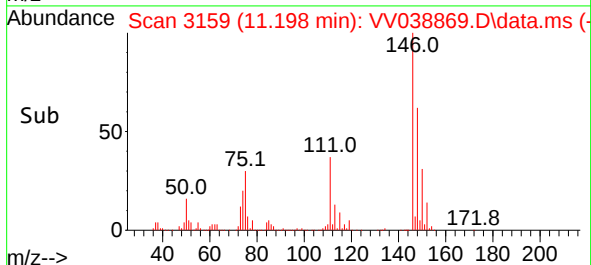
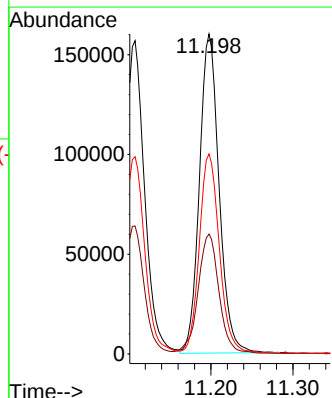
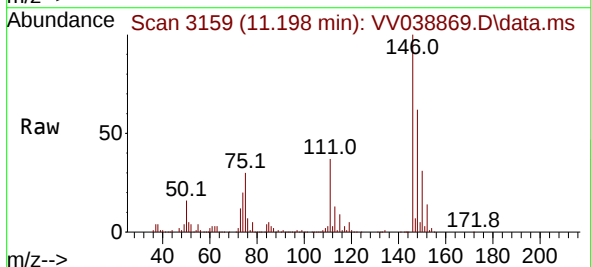
Tgt Ion:146 Resp: 266126

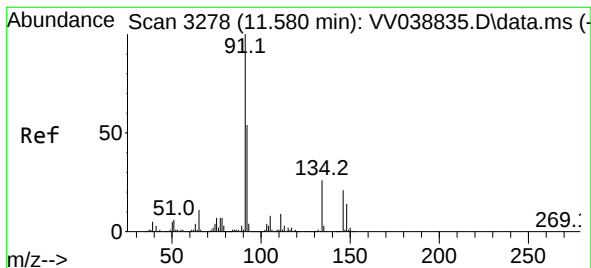
Ion Ratio Lower Upper

146 100

111 39.6 19.8 59.3

148 63.8 32.0 96.2





#89

n-Butylbenzene

Concen: 19.810 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBSD01

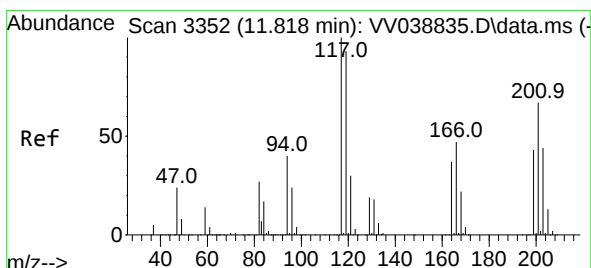
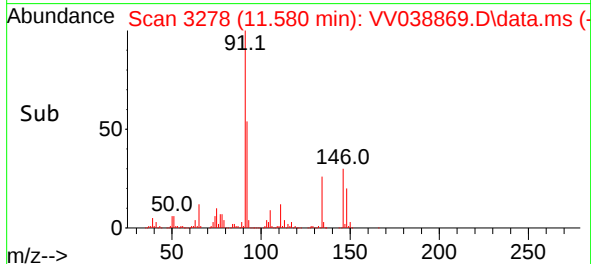
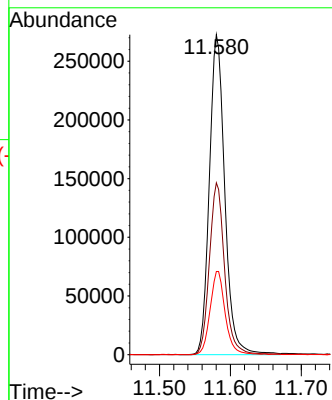
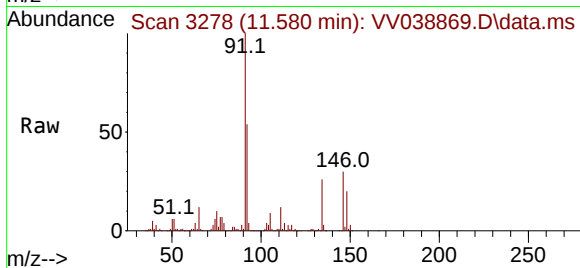
Tgt Ion: 91 Resp: 412481

Ion Ratio Lower Upper

91 100

92 52.9 26.7 80.0

134 25.4 12.9 38.7



#90

Hexachloroethane

Concen: 19.369 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV038869.D

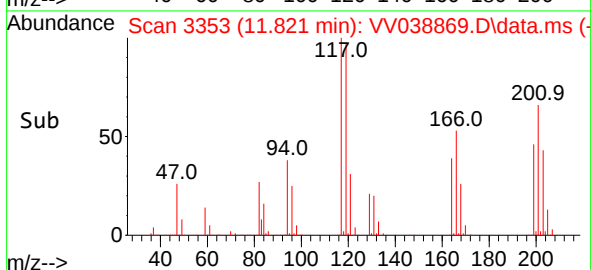
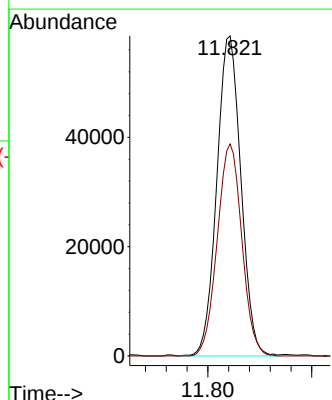
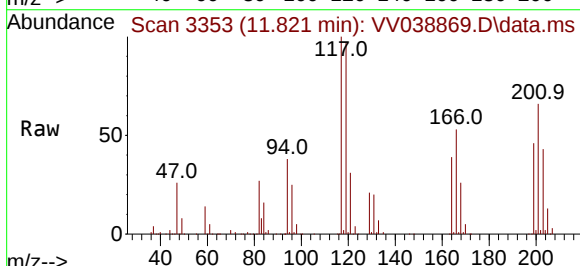
Acq: 07 Jul 2025 13:53

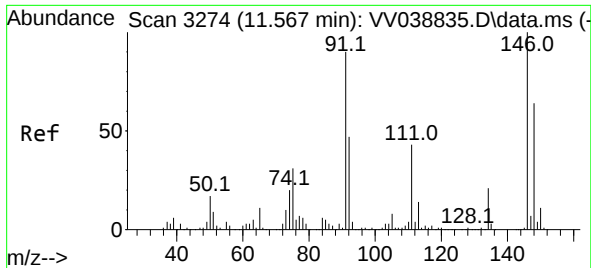
Tgt Ion: 117 Resp: 94458

Ion Ratio Lower Upper

117 100

201 67.5 34.4 103.1

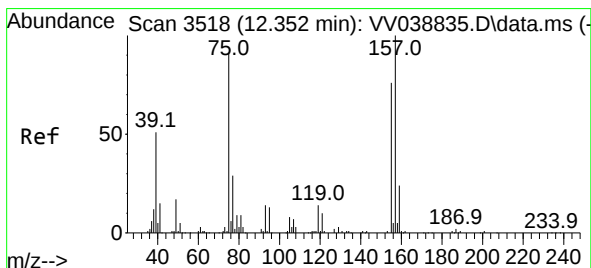
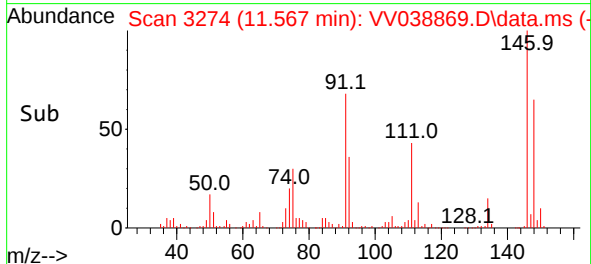
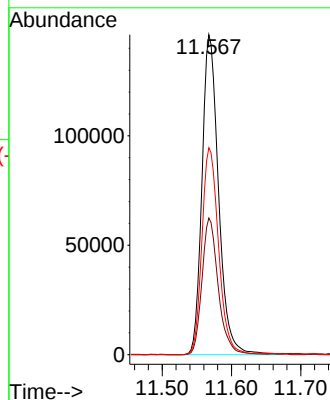
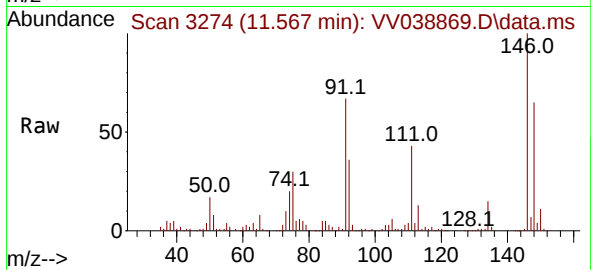




#91
 1,2-Dichlorobenzene
 Concen: 21.160 ug/l
 RT: 11.567 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VV038869.D
 Acq: 07 Jul 2025 13:53

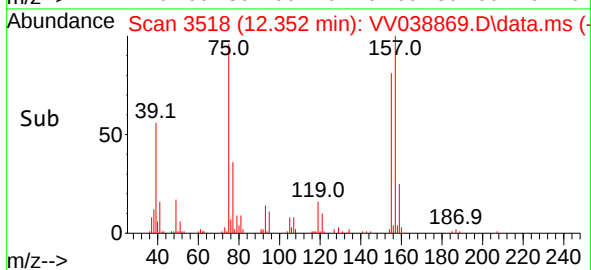
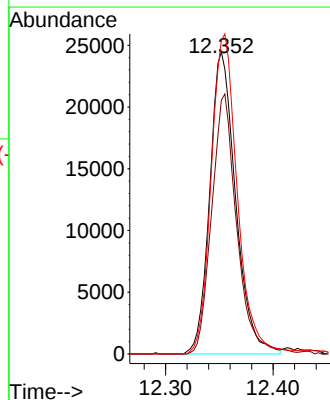
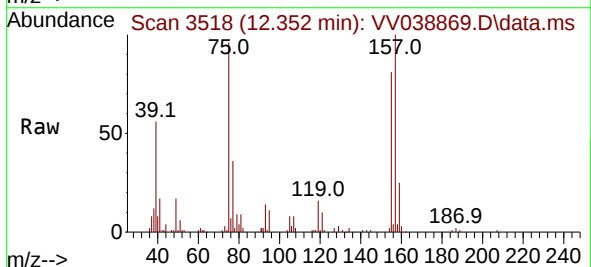
Instrument :
 MSVOA_V
 ClientSampleId :
 VV0707WBSD01

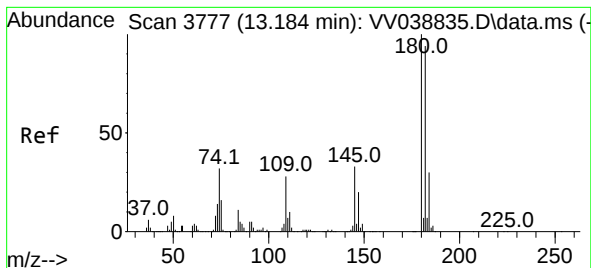
Tgt Ion:146 Resp: 242778
 Ion Ratio Lower Upper
 146 100
 111 42.1 21.3 63.7
 148 64.9 32.0 96.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.989 ug/l
 RT: 12.352 min Scan# 3518
 Delta R.T. 0.000 min
 Lab File: VV038869.D
 Acq: 07 Jul 2025 13:53

Tgt Ion: 75 Resp: 40954
 Ion Ratio Lower Upper
 75 100
 155 83.3 43.2 129.6
 157 107.1 54.9 164.5





#93

1,2,4-Trichlorobenzene

Concen: 20.562 ug/l

RT: 13.185 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBSD01

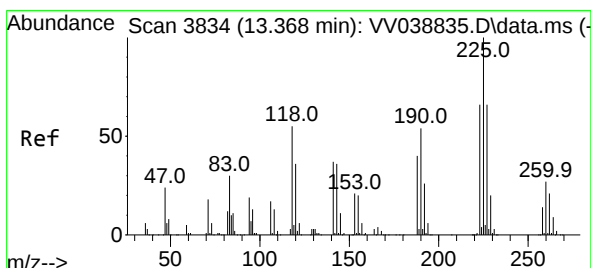
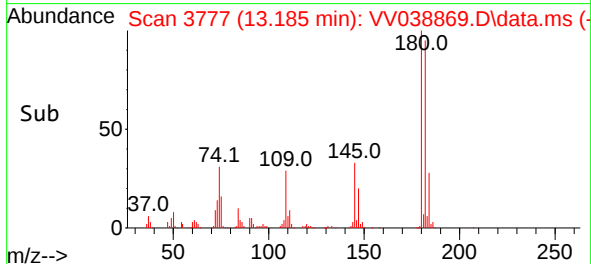
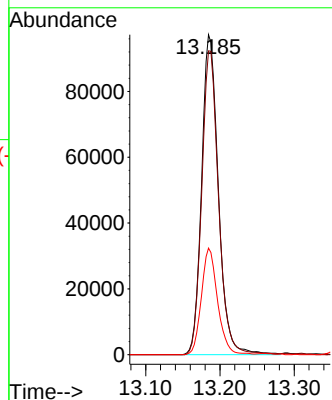
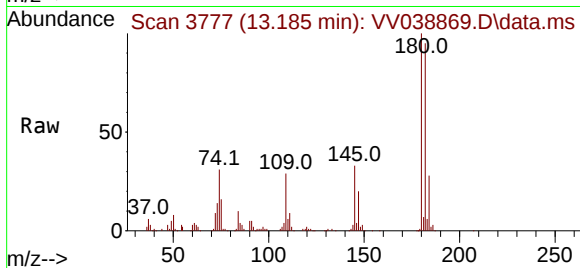
Tgt Ion:180 Resp: 152919

Ion Ratio Lower Upper

180 100

182 95.0 47.6 142.8

145 32.1 16.4 49.1



#94

Hexachlorobutadiene

Concen: 18.852 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

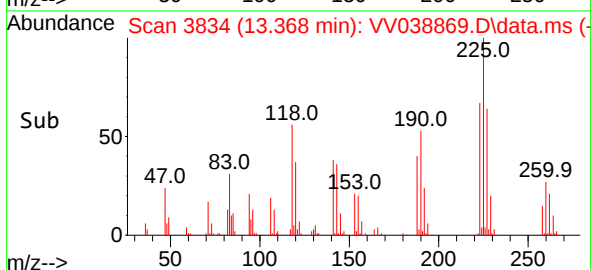
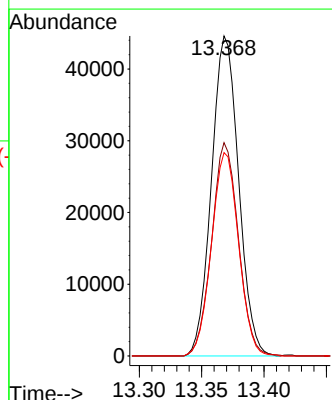
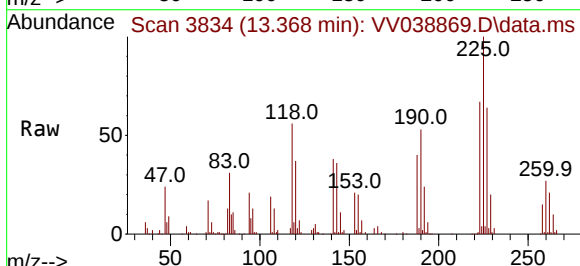
Tgt Ion:225 Resp: 67658

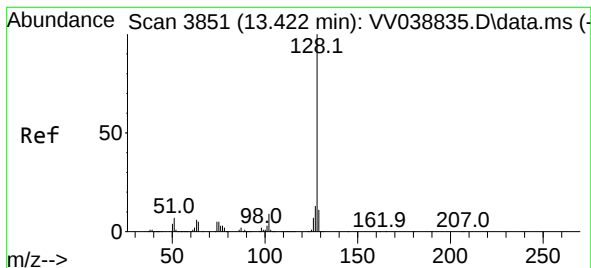
Ion Ratio Lower Upper

225 100

223 65.7 33.2 99.6

227 63.4 32.3 96.8





#95

Naphthalene

Concen: 20.916 ug/l

RT: 13.426 min Scan# 3851

Delta R.T. 0.003 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Instrument :

MSVOA_V

ClientSampleId :

VV0707WBSD01

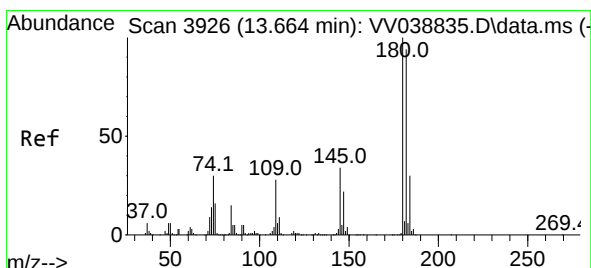
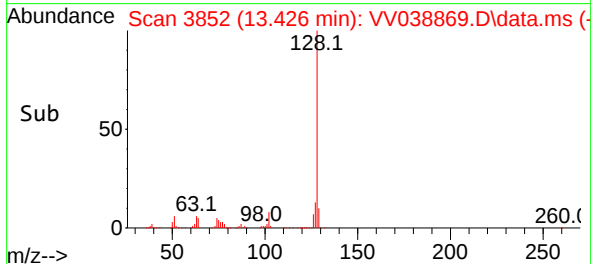
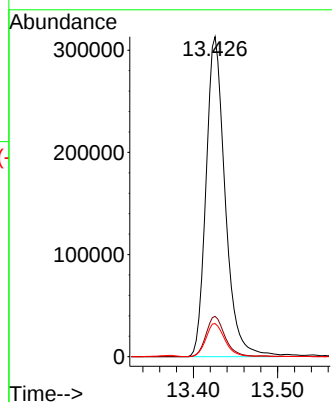
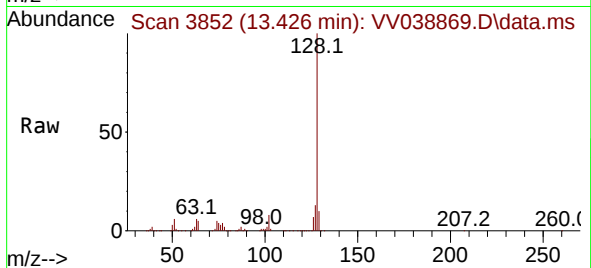
Tgt Ion:128 Resp: 494846

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.782 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.003 min

Lab File: VV038869.D

Acq: 07 Jul 2025 13:53

Tgt Ion:180 Resp: 159500

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.9

145 35.0 17.1 51.2

