

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
 Data File : VV038870.D
 Acq On : 07 Jul 2025 15:25
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Quant Time: Jul 08 02:41:34 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	4.596	168	456992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	772279	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	725071	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	364754	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	285218	55.688	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 111.380%	
35) Dibromofluoromethane	4.500	113	251940	51.503	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 103.000%	
50) Toluene-d8	7.236	98	762183	48.157	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 96.320%	
62) 4-Bromofluorobenzene	10.001	95	323396	50.576	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 101.160%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	12368	2.851	ug/l	95
3) Chloromethane	1.230	50	14346	2.695	ug/l	96
4) Vinyl Chloride	1.294	62	13249	2.677	ug/l	98
5) Bromomethane	1.494	94	13206	4.372	ug/l	96
6) Chloroethane	1.558	64	9403	2.834	ug/l	98
7) Trichlorofluoromethane	1.725	101	24552	2.804	ug/l	95
8) Diethyl Ether	1.918	74	8712	2.859	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.082	101	14629	2.954	ug/l	96
10) Methyl Iodide	2.198	142	13702	2.181	ug/l	97
11) Tert butyl alcohol	2.571	59	10718	16.032	ug/l #	87
12) 1,1-Dichloroethene	2.079	96	12624	2.682	ug/l	97
13) Acrolein	2.015	56	3043m	18.229	ug/l	
14) Allyl chloride	2.355	41	18476	2.919	ug/l	95
15) Acrylonitrile	2.693	53	29414	12.578	ug/l	94
16) Acetone	2.124	43	25819	15.127	ug/l	98
17) Carbon Disulfide	2.253	76	32979	3.025	ug/l	97
18) Methyl Acetate	2.400	43	13507	2.321	ug/l	98
19) Methyl tert-butyl Ether	2.709	73	38220	2.627	ug/l	98
20) Methylene Chloride	2.458	84	18038	3.198	ug/l	96
21) trans-1,2-Dichloroethene	2.706	96	12922	2.746	ug/l	87
22) Diisopropyl ether	3.214	45	34278	2.642	ug/l #	45
23) Vinyl Acetate	3.211	43	103203	11.030	ug/l #	93
24) 1,1-Dichloroethane	3.121	63	25649	2.932	ug/l	98
25) 2-Butanone	3.921	43	28533m	11.305	ug/l	
26) 2,2-Dichloropropane	3.818	77	22977	2.834	ug/l	100
27) cis-1,2-Dichloroethene	3.838	96	14682	2.677	ug/l	95
28) Bromochloromethane	4.166	49	11028	2.950	ug/l	97
29) Tetrahydrofuran	4.252	42	16596	9.709	ug/l #	71
30) Chloroform	4.288	83	27395	2.874	ug/l #	83
31) Cyclohexane	4.587	56	26458	3.819	ug/l #	50
32) 1,1,1-Trichloroethane	4.510	97	24466	2.766	ug/l	98
36) 1,1-Dichloropropene	4.757	75	13031	2.195	ug/l #	82
37) Ethyl Acetate	3.921	43	28916m	4.774	ug/l	
38) Carbon Tetrachloride	4.741	117	18753	2.400	ug/l	96
39) Methylcyclohexane	6.047	83	18812	2.424	ug/l	90
40) Benzene	5.024	78	51735	2.639	ug/l	93

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VW070725\
 Data File : VW038870.D
 Acq On : 07 Jul 2025 15:25
 Operator : SY/MD
 Sample : MDL03
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

Quant Time: Jul 08 02:41:34 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)
41) Methacrylonitrile	4.220	41	2540m	0.977	ug/l	
42) 1,2-Dichloroethane	5.053	62	20209	2.912	ug/l	97
43) Isopropyl Acetate	5.214	43	21509	2.226	ug/l #	77
44) Trichloroethene	5.844	130	13568	2.652	ug/l	94
45) 1,2-Dichloropropane	6.101	63	12467	2.533	ug/l	92
46) Dibromomethane	6.240	93	10253	2.641	ug/l	99
47) Bromodichloromethane	6.436	83	21564	2.623	ug/l	94
48) Methyl methacrylate	6.336	41	8537m	1.858	ug/l	
49) 1,4-Dioxane	6.313	88	3698m	58.065	ug/l	
51) 4-Methyl-2-Pentanone	7.156	43	68488	11.232	ug/l	94
52) Toluene	7.317	92	33973	2.774	ug/l	96
53) t-1,3-Dichloropropene	7.593	75	17489	2.222	ug/l	96
54) cis-1,3-Dichloropropene	6.963	75	19197	2.386	ug/l	97
55) 1,1,2-Trichloroethane	7.767	97	14691	2.743	ug/l	92
56) Ethyl methacrylate	7.731	69	13825	1.962	ug/l	96
57) 1,3-Dichloropropane	7.944	76	21941	2.601	ug/l	94
58) 2-Chloroethyl Vinyl ether	6.825	63	37310	11.663	ug/l	94
59) 2-Hexanone	8.079	43	46085	10.715	ug/l	93
60) Dibromochloromethane	8.172	129	16684	2.474	ug/l	94
61) 1,2-Dibromoethane	8.288	107	13524	2.441	ug/l	95
64) Tetrachloroethene	7.902	164	12705	2.725	ug/l	97
65) Chlorobenzene	8.809	112	38874	2.544	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.899	131	14691	2.575	ug/l	96
67) Ethyl Benzene	8.944	91	55550	2.320	ug/l	96
68) m/p-Xylenes	9.069	106	40812	4.451	ug/l	99
69) o-Xylene	9.477	106	20065	2.290	ug/l	98
70) Styrene	9.500	104	30845	2.017	ug/l	97
71) Bromoform	9.661	173	12085	2.606	ug/l #	100
73) Isopropylbenzene	9.860	105	53472	2.498	ug/l	99
74) N-amyl acetate	9.741	43	15489	2.067	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	10.169	83	24238	3.123	ug/l	94
76) 1,2,3-Trichloropropane	10.204	75	15408	2.730	ug/l	80
77) Bromobenzene	10.149	156	16008	2.899	ug/l	93
78) n-propylbenzene	10.284	91	60996	2.394	ug/l	97
79) 2-Chlorotoluene	10.352	91	40986	2.649	ug/l	99
80) 1,3,5-Trimethylbenzene	10.471	105	43271	2.364	ug/l	97
81) trans-1,4-Dichloro-2-b...	9.937	75	5653	2.132	ug/l	90
82) 4-Chlorotoluene	10.471	91	44501	2.495	ug/l	96
83) tert-Butylbenzene	10.789	119	45321	2.387	ug/l	99
84) 1,2,4-Trimethylbenzene	10.844	105	40807	2.275	ug/l	98
85) sec-Butylbenzene	11.014	105	55681	2.304	ug/l	99
86) p-Isopropyltoluene	11.172	119	46951	2.266	ug/l	97
87) 1,3-Dichlorobenzene	11.114	146	29458	2.624	ug/l	98
88) 1,4-Dichlorobenzene	11.201	146	33479	2.830	ug/l	89
89) n-Butylbenzene	11.583	91	41112	2.141	ug/l	98
90) Hexachloroethane	11.818	117	12088	2.688	ug/l	99
91) 1,2-Dichlorobenzene	11.577	146	29339	2.773	ug/l	92
92) 1,2-Dibromo-3-Chloropr...	12.361	75	4665	2.839	ug/l	91
93) 1,2,4-Trichlorobenzene	13.191	180	14803	2.158	ug/l	98
94) Hexachlorobutadiene	13.371	225	7864	2.376	ug/l	96
95) Naphthalene	13.432	128	42479	1.947	ug/l	98
96) 1,2,3-Trichlorobenzene	13.673	180	15038	2.124	ug/l	94

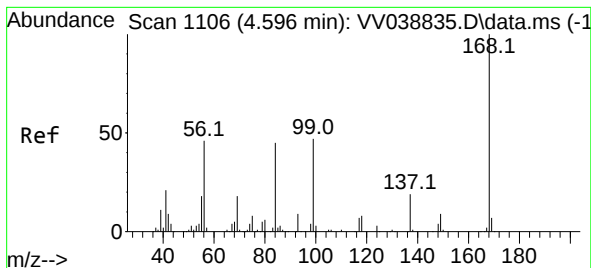
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
Data File : VV038870.D
Acq On : 07 Jul 2025 15:25
Operator : SY/MD
Sample : MDL03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL03

Quant Time: Jul 08 02:41:34 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)
----------	------	------	----------	------	-------	----------

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.596 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

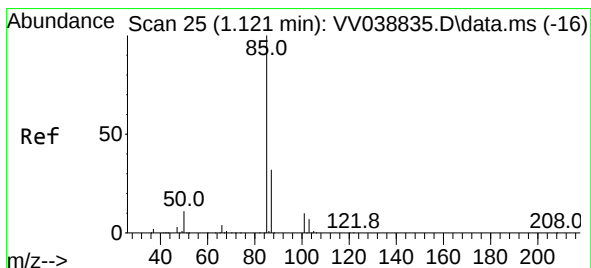
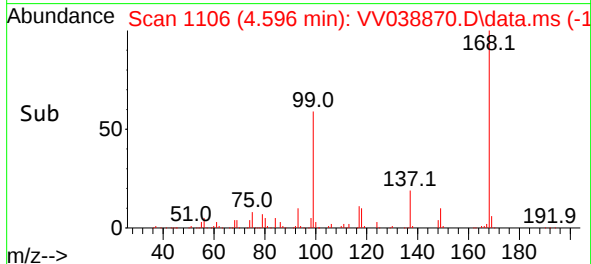
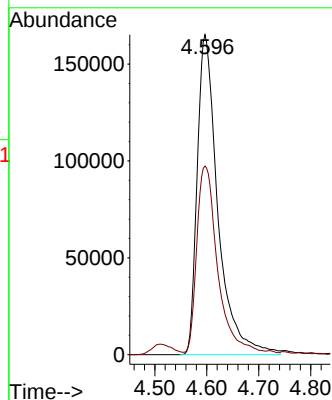
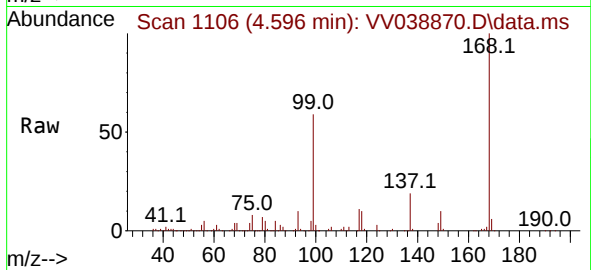
MDL03

Tgt Ion:168 Resp: 456992

Ion Ratio Lower Upper

168 100

99 58.2 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 2.851 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038870.D

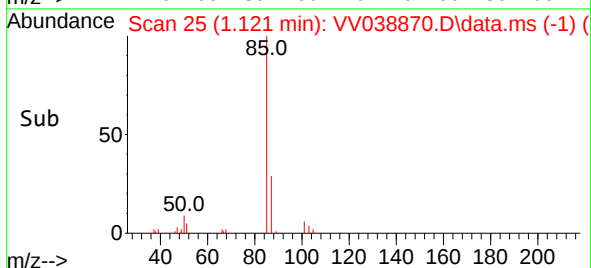
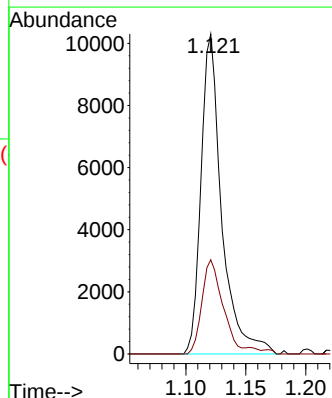
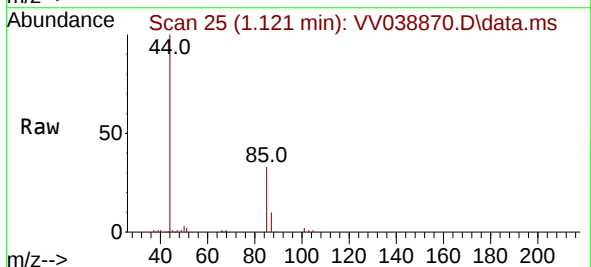
Acq: 07 Jul 2025 15:25

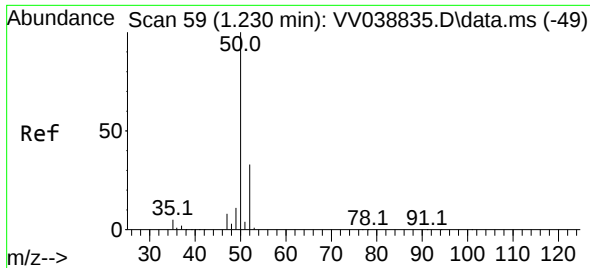
Tgt Ion: 85 Resp: 12368

Ion Ratio Lower Upper

85 100

87 29.5 16.1 48.3

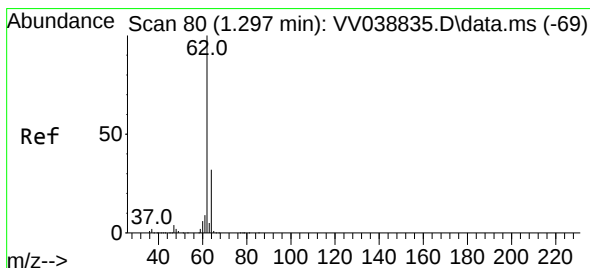
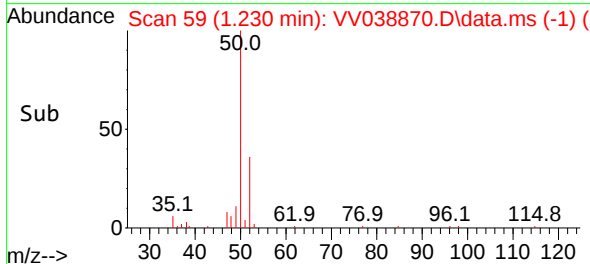
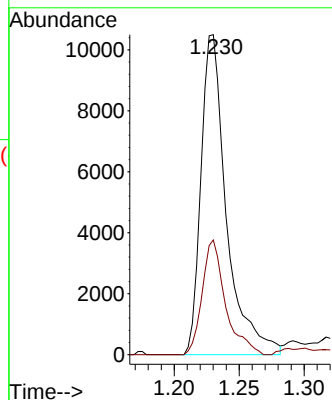
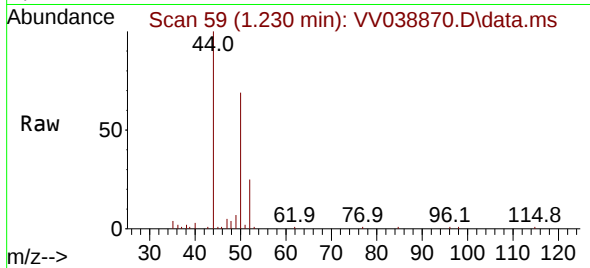




#3
Chloromethane
Concen: 2.695 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

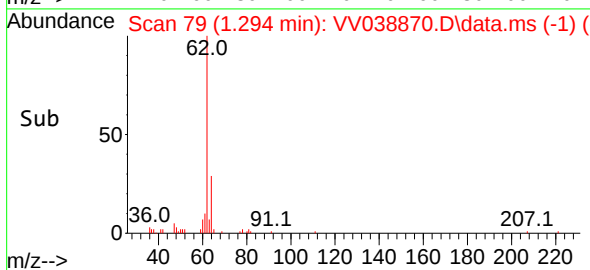
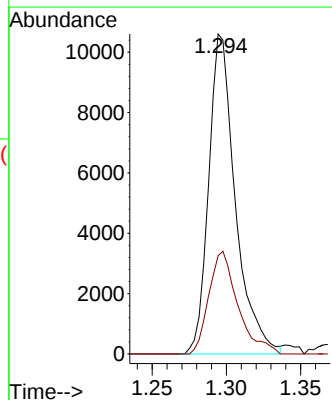
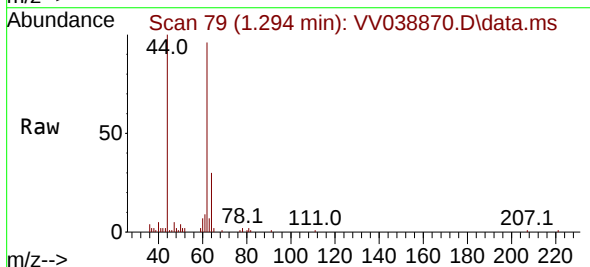
Instrument :
MSVOA_V
ClientSampleId :
MDL03

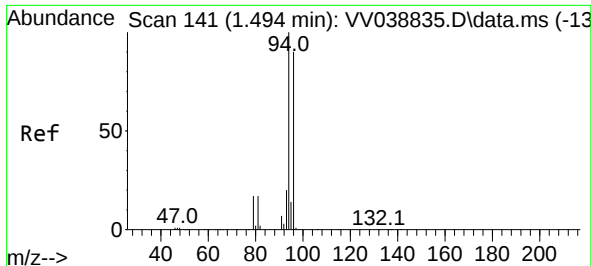
Tgt Ion: 50 Resp: 14346
Ion Ratio Lower Upper
50 100
52 35.8 26.7 40.1



#4
Vinyl Chloride
Concen: 2.677 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 62 Resp: 13249
Ion Ratio Lower Upper
62 100
64 30.7 25.5 38.3

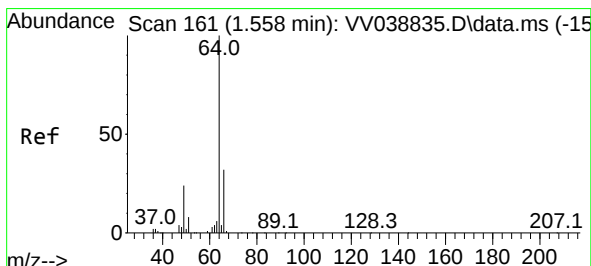
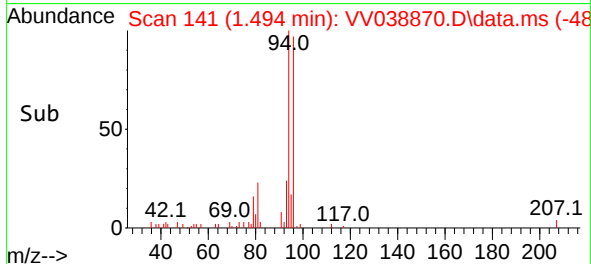
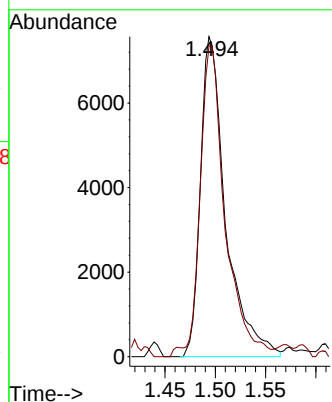
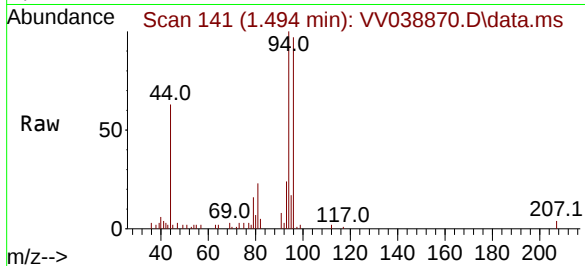




#5
Bromomethane
Concen: 4.372 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

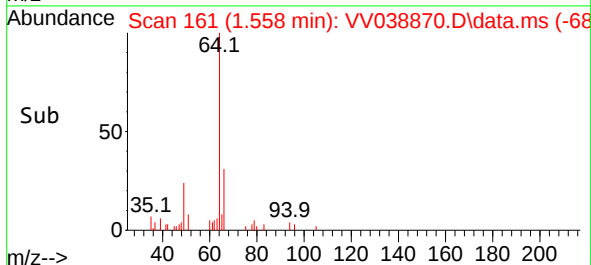
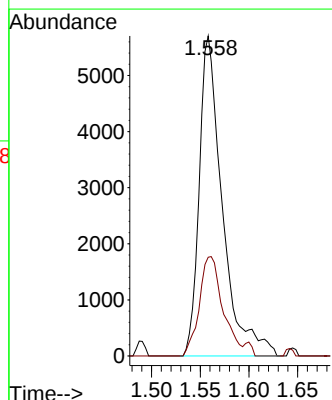
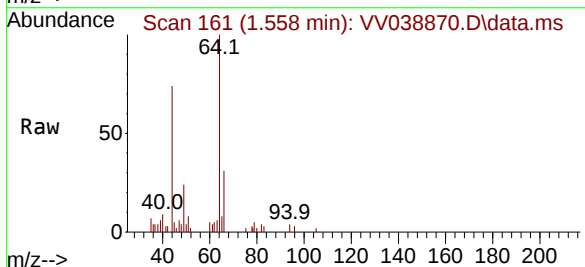
Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 94 Resp: 13206
Ion Ratio Lower Upper
94 100
96 94.3 72.2 108.4



#6
Chloroethane
Concen: 2.834 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 64 Resp: 9403
Ion Ratio Lower Upper
64 100
66 30.9 25.4 38.0

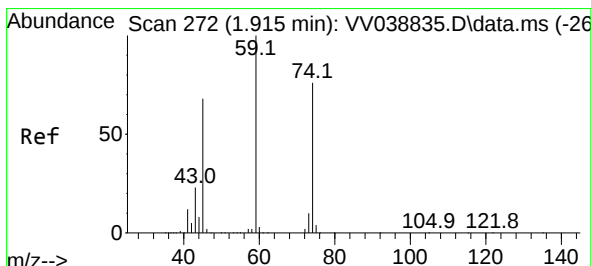
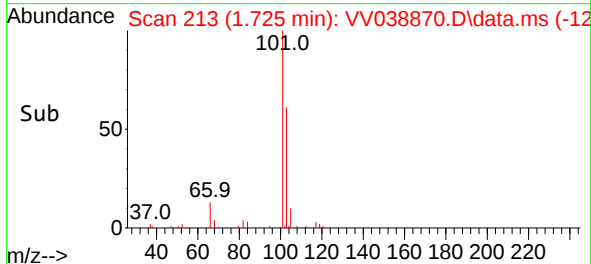
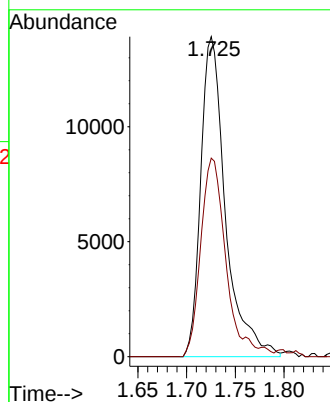
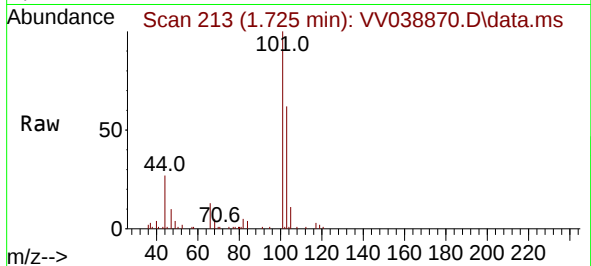




#7
 Trichlorofluoromethane
 Concen: 2.804 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV038870.D
 Acq: 07 Jul 2025 15:25

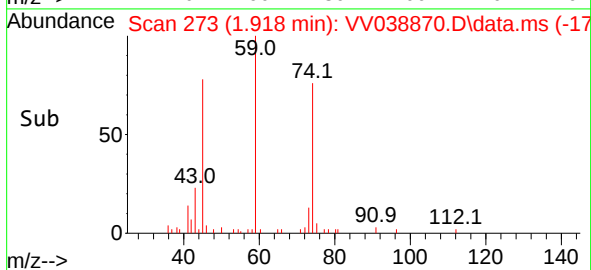
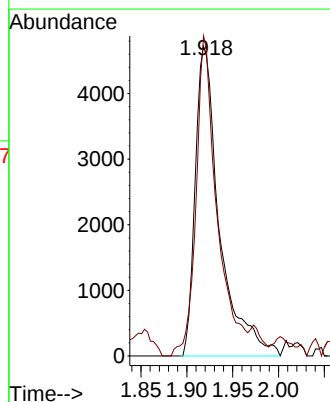
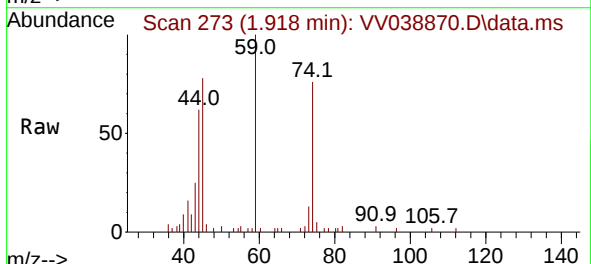
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

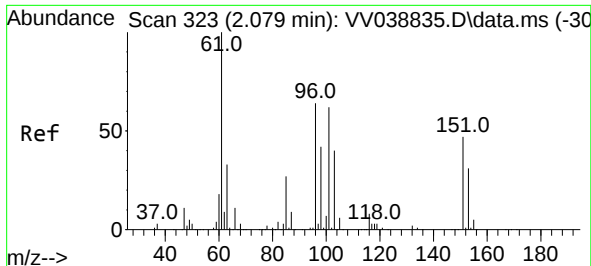
Tgt Ion:101 Resp: 24552
 Ion Ratio Lower Upper
 101 100
 103 62.1 52.8 79.2



#8
 Diethyl Ether
 Concen: 2.859 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038870.D
 Acq: 07 Jul 2025 15:25

Tgt Ion: 74 Resp: 8712
 Ion Ratio Lower Upper
 74 100
 45 89.0 43.9 131.7

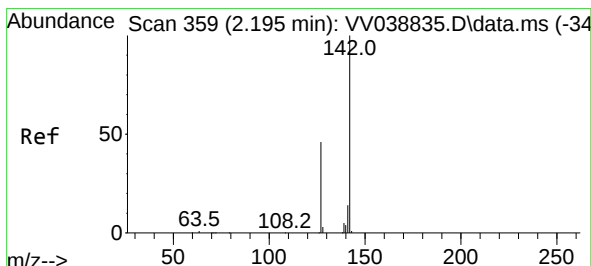
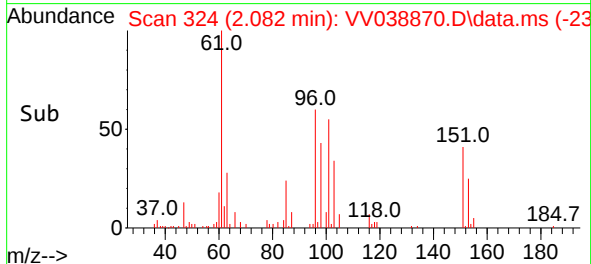
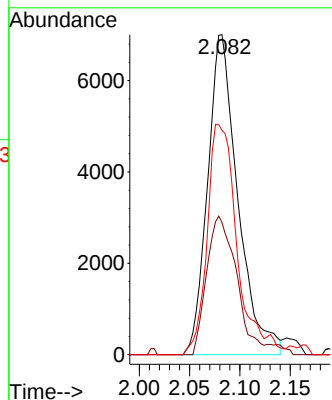
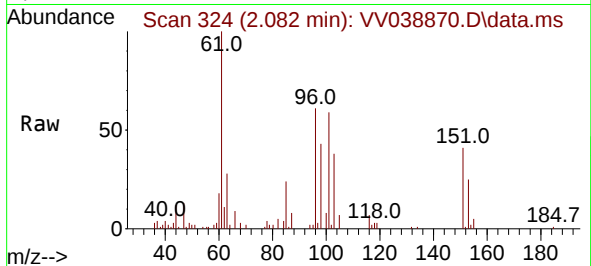




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.954 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

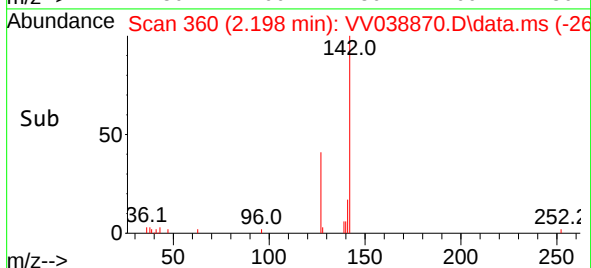
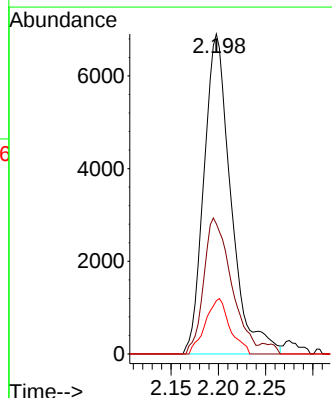
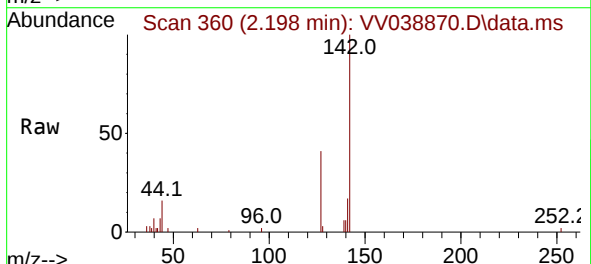
Instrument :
MSVOA_V
ClientSampleId :
MDL03

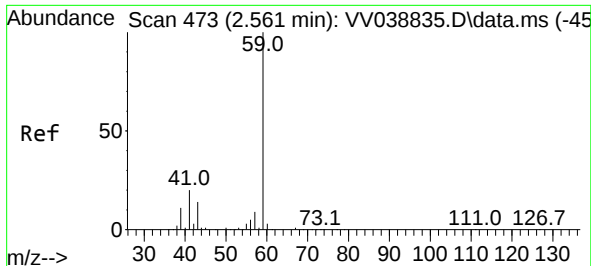
Tgt Ion:101 Resp: 14629
Ion Ratio Lower Upper
101 100
85 42.6 34.6 52.0
151 71.3 60.4 90.6



#10
Methyl Iodide
Concen: 2.181 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion:142 Resp: 13702
Ion Ratio Lower Upper
142 100
127 43.7 36.9 55.3
141 15.7 11.8 17.8

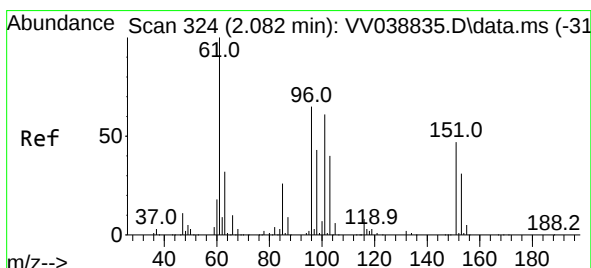
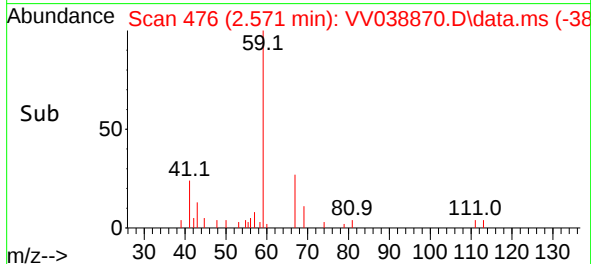
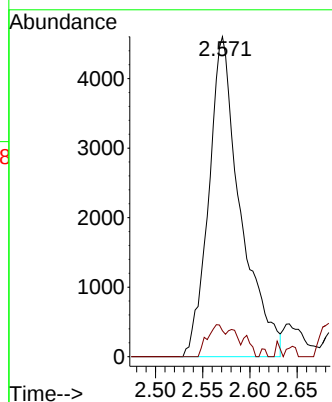
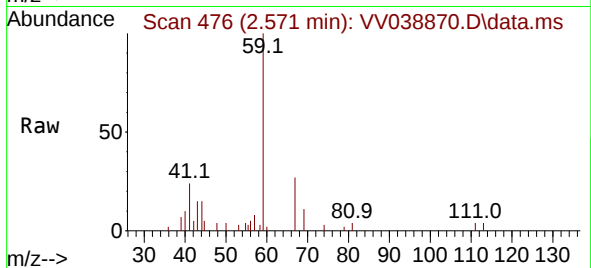




#11
Tert butyl alcohol
Concen: 16.032 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

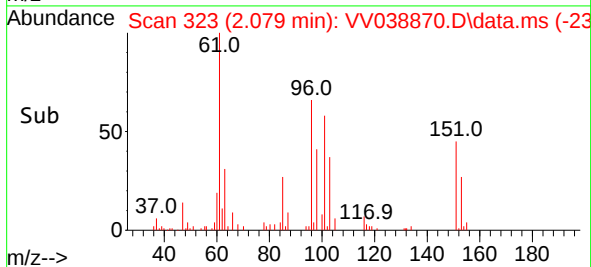
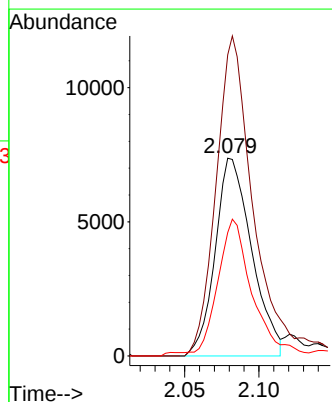
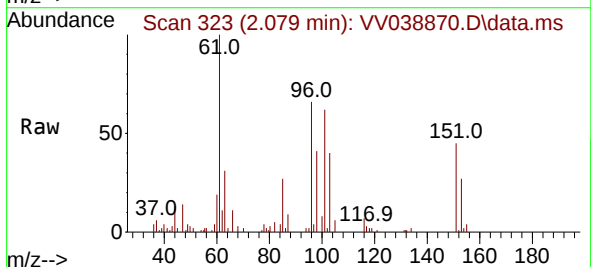
Instrument :
MSVOA_V
ClientSampleId :
MDL03

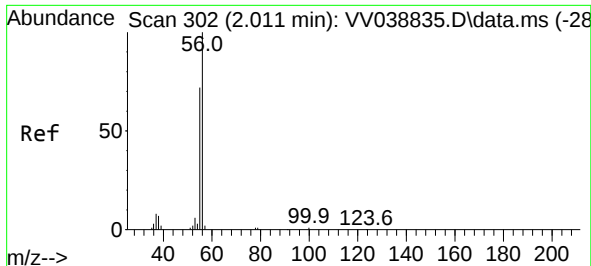
Tgt Ion: 59 Resp: 10718
Ion Ratio Lower Upper
59 100
57 5.4 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 2.682 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 96 Resp: 12624
Ion Ratio Lower Upper
96 100
61 152.2 123.5 185.3
98 60.6 52.5 78.7

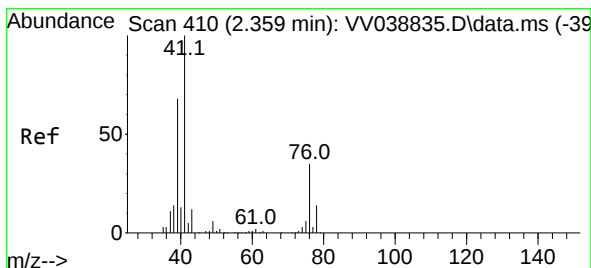
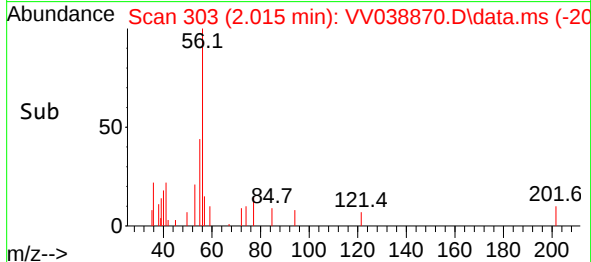
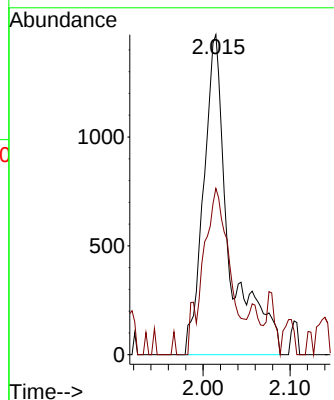
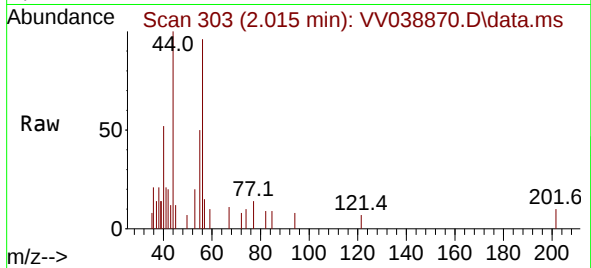




#13
Acrolein
Concen: 18.229 ug/l m
RT: 2.015 min Scan# 30
Delta R.T. 0.003 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

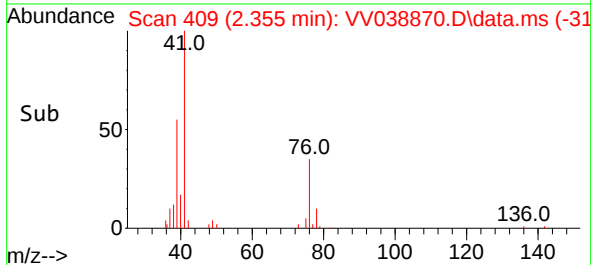
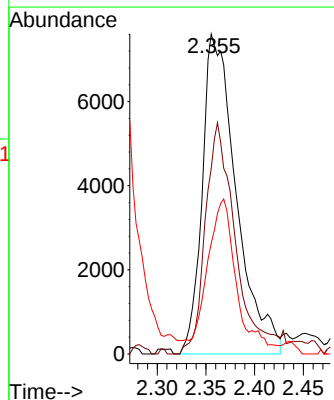
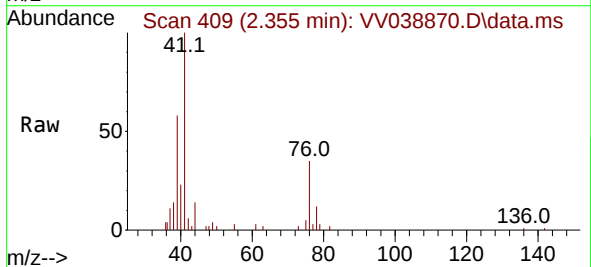
Instrument :
MSVOA_V
ClientSampleId :
MDL03

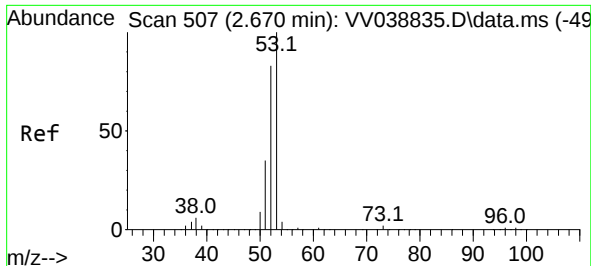
Tgt Ion: 56 Resp: 3043
Ion Ratio Lower Upper
56 100
55 53.7 53.4 80.2



#14
Allyl chloride
Concen: 2.919 ug/l
RT: 2.355 min Scan# 409
Delta R.T. -0.003 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 41 Resp: 18476
Ion Ratio Lower Upper
41 100
39 64.7 51.0 76.4
76 35.6 33.6 50.4

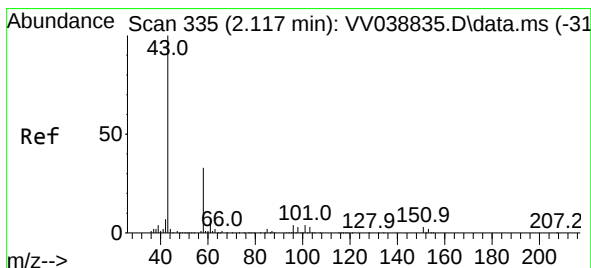
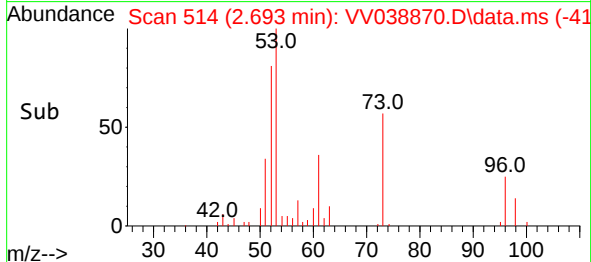
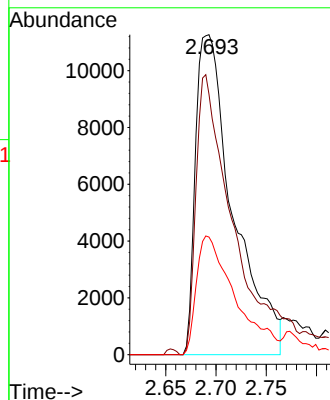
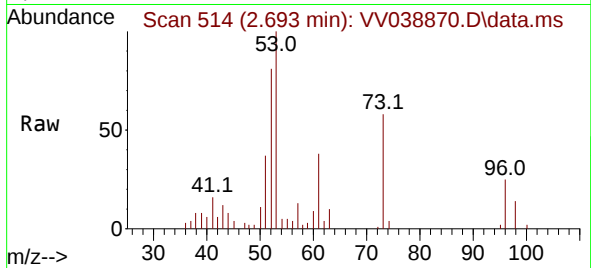




#15
Acrylonitrile
Concen: 12.578 ug/l
RT: 2.693 min Scan# 51
Delta R.T. 0.023 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

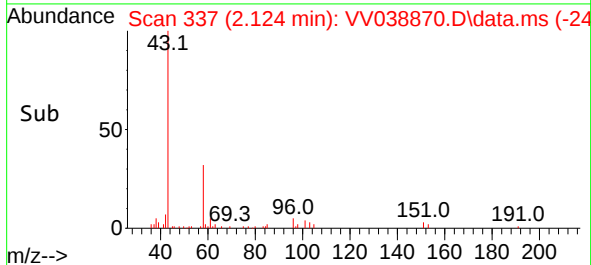
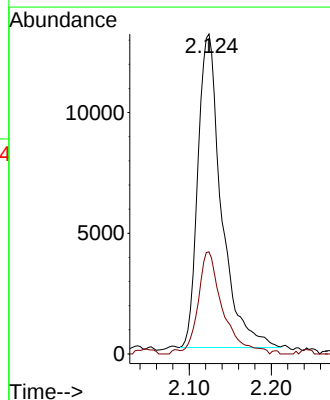
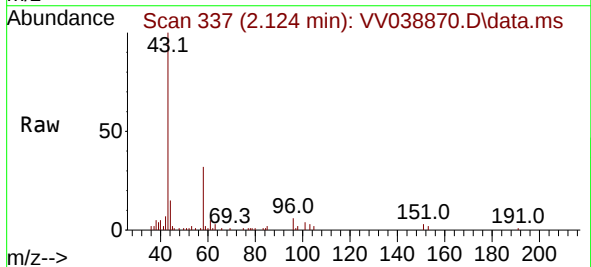
Instrument :
MSVOA_V
ClientSampleId :
MDL03

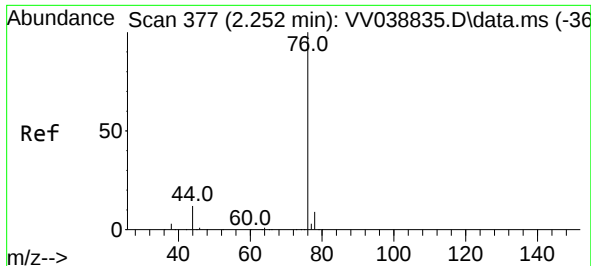
Tgt Ion: 53 Resp: 29414
Ion Ratio Lower Upper
53 100
52 87.8 65.8 98.6
51 38.3 28.5 42.7



#16
Acetone
Concen: 15.127 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 43 Resp: 25819
Ion Ratio Lower Upper
43 100
58 32.6 27.0 40.4

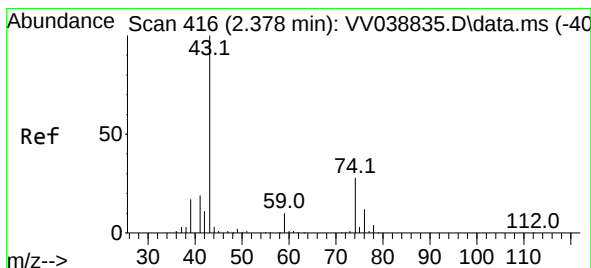
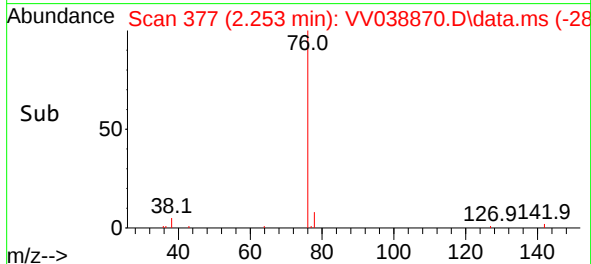
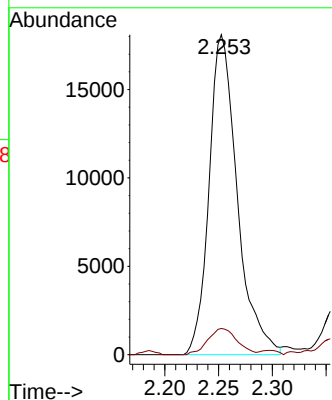
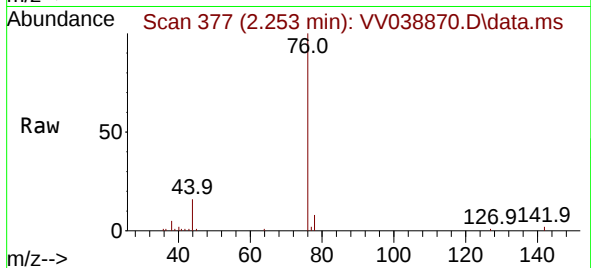




#17
Carbon Disulfide
Concen: 3.025 ug/l
RT: 2.253 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

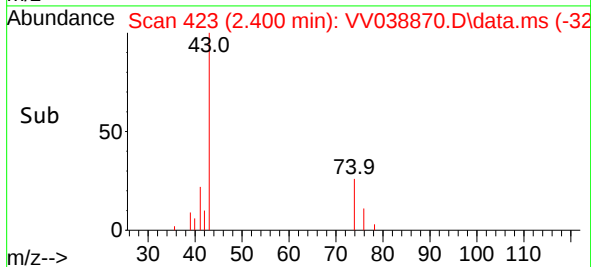
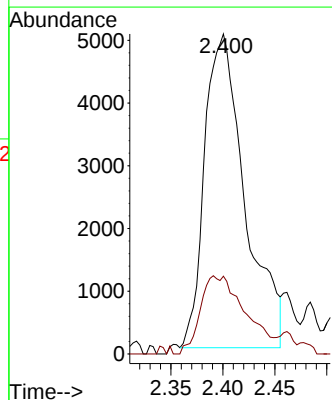
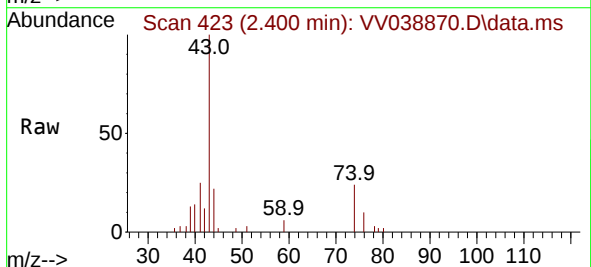
Instrument :
MSVOA_V
ClientSampleId :
MDL03

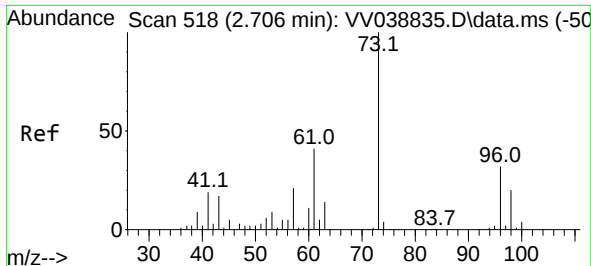
Tgt Ion: 76 Resp: 32979
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 2.321 ug/l
RT: 2.400 min Scan# 423
Delta R.T. 0.023 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 43 Resp: 13507
Ion Ratio Lower Upper
43 100
74 27.7 21.4 32.0

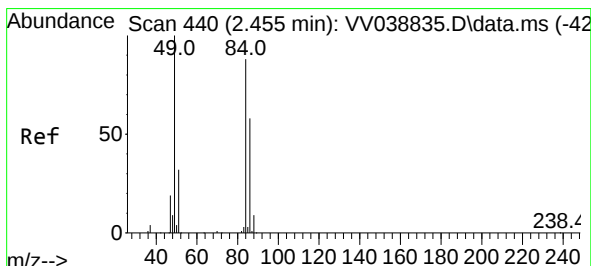
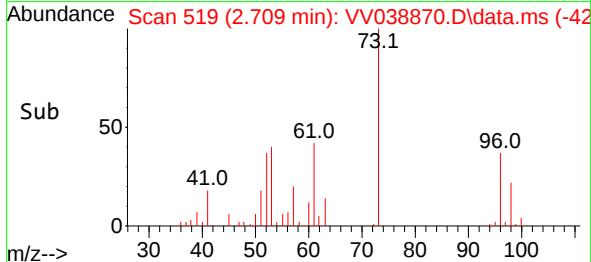
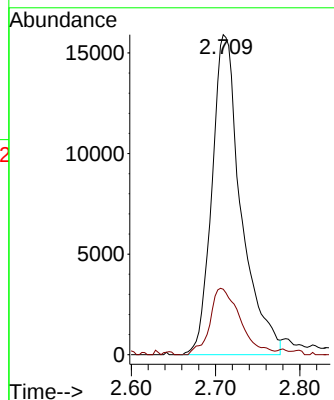
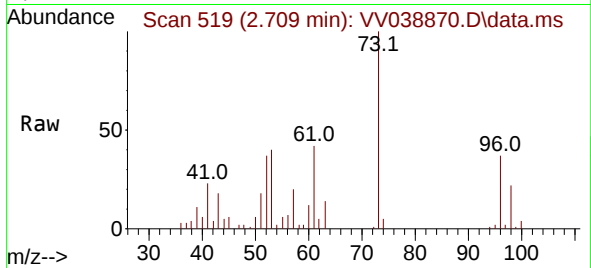




#19
Methyl tert-butyl Ether
Concen: 2.627 ug/l
RT: 2.709 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

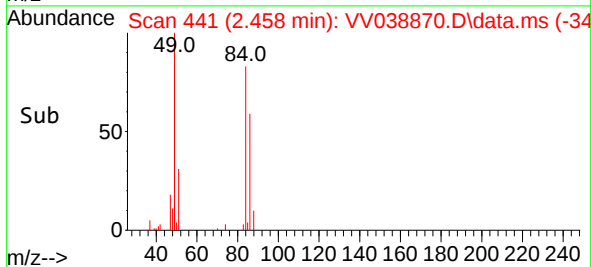
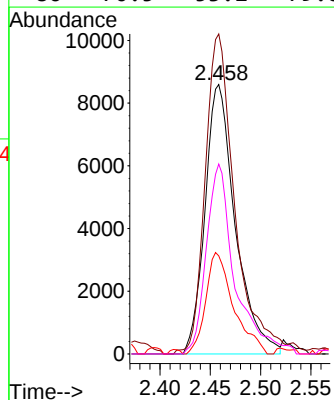
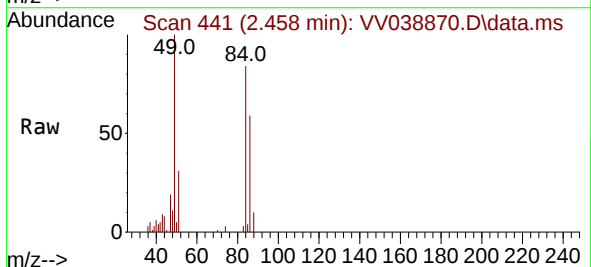
Instrument :
MSVOA_V
ClientSampleId :
MDL03

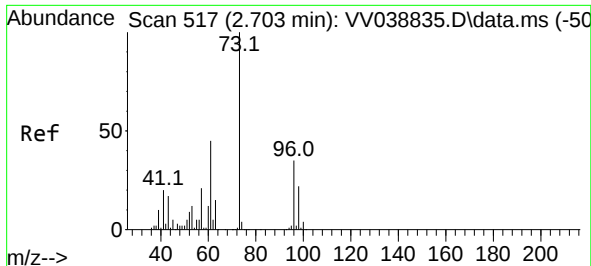
Tgt Ion: 73 Resp: 38220
Ion Ratio Lower Upper
73 100
57 20.5 17.0 25.4



#20
Methylene Chloride
Concen: 3.198 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 84 Resp: 18038
Ion Ratio Lower Upper
84 100
49 117.3 91.0 136.4
51 35.2 29.4 44.2
86 70.5 53.2 79.8

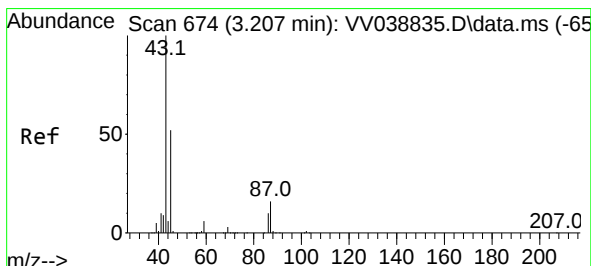
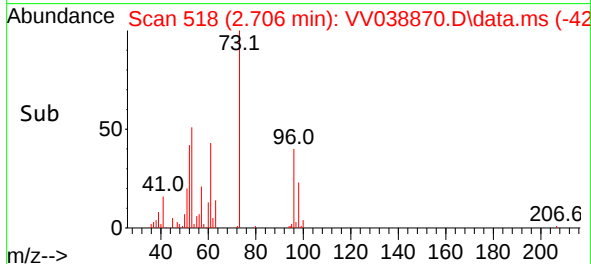
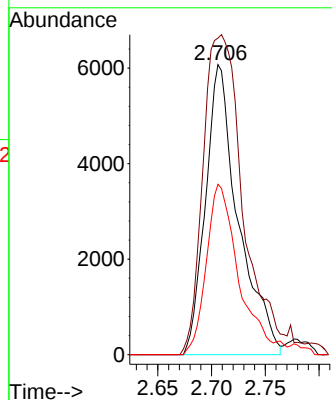
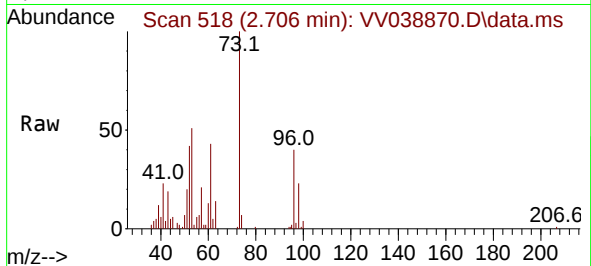




#21
trans-1,2-Dichloroethene
Concen: 2.746 ug/l
RT: 2.706 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

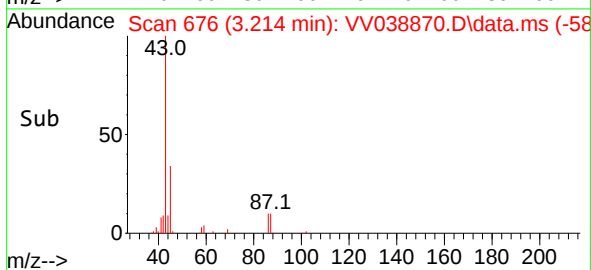
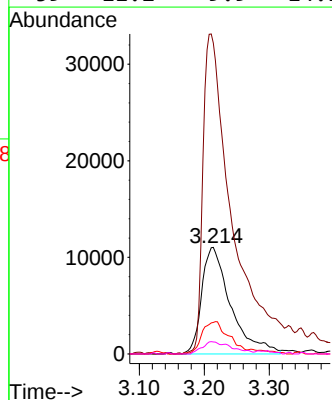
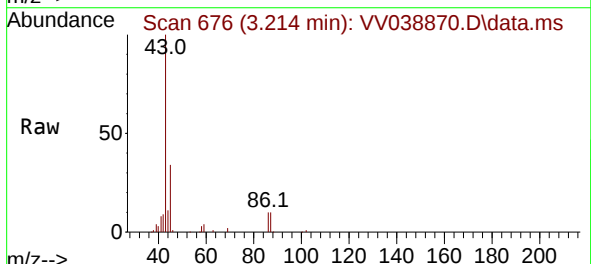
Instrument :
MSVOA_V
ClientSampleId :
MDL03

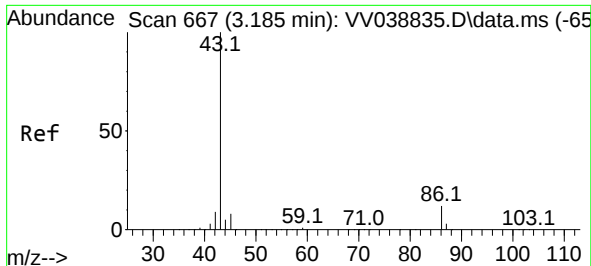
Tgt Ion: 96 Resp: 12922
Ion Ratio Lower Upper
96 100
61 109.2 102.8 154.2
98 58.7 50.9 76.3



#22
Diisopropyl ether
Concen: 2.642 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.007 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 45 Resp: 34278
Ion Ratio Lower Upper
45 100
43 290.7 153.1 229.7#
87 29.6 25.2 37.8
59 11.2 9.9 14.9

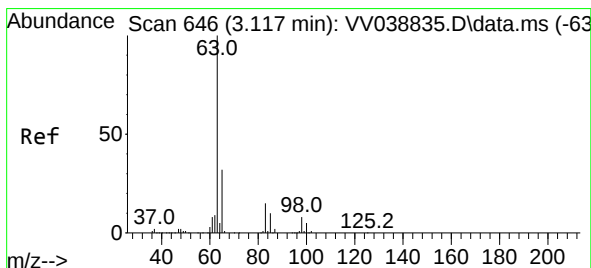
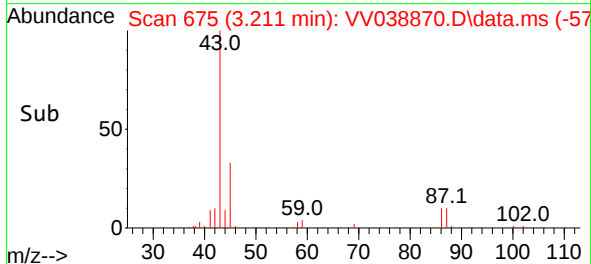
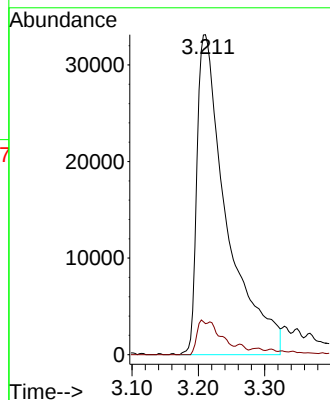
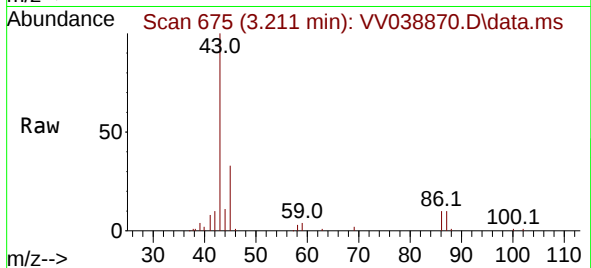




#23
 Vinyl Acetate
 Concen: 11.030 ug/l
 RT: 3.211 min Scan# 61
 Delta R.T. 0.026 min
 Lab File: VV038870.D
 Acq: 07 Jul 2025 15:25

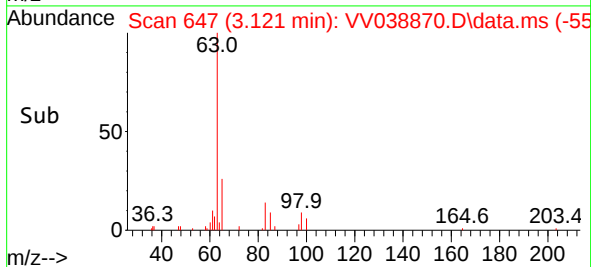
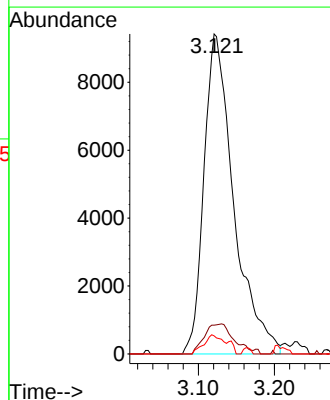
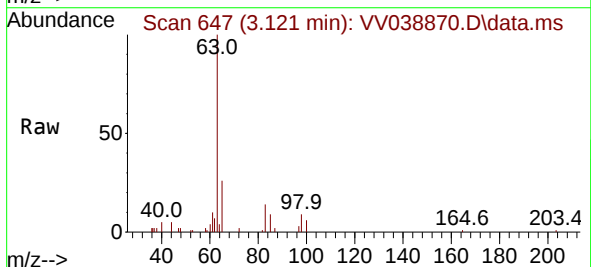
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

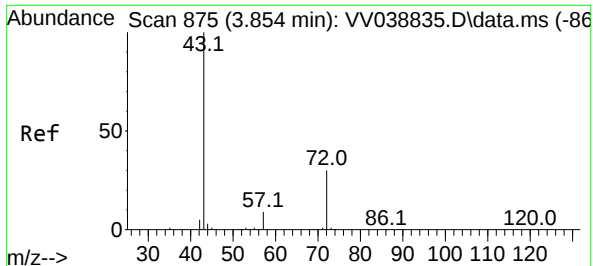
Tgt Ion: 43 Resp: 103203
 Ion Ratio Lower Upper
 43 100
 86 9.7 9.9 14.9#



#24
 1,1-Dichloroethane
 Concen: 2.932 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038870.D
 Acq: 07 Jul 2025 15:25

Tgt Ion: 63 Resp: 25649
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.1 12.3
 100 5.6 2.4 7.2

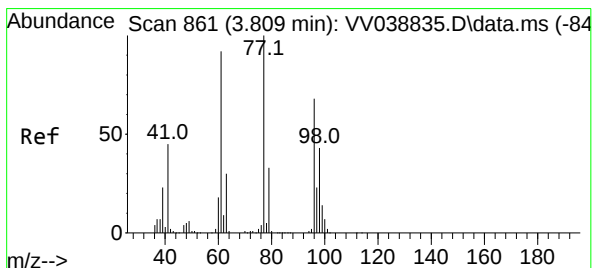
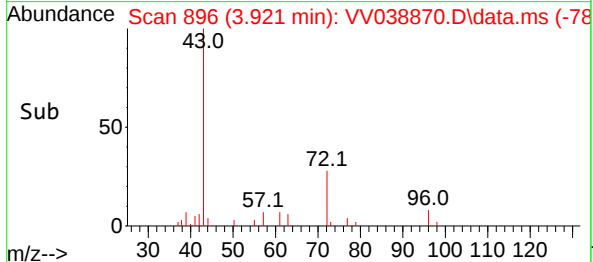
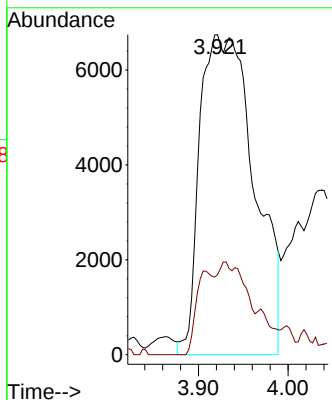
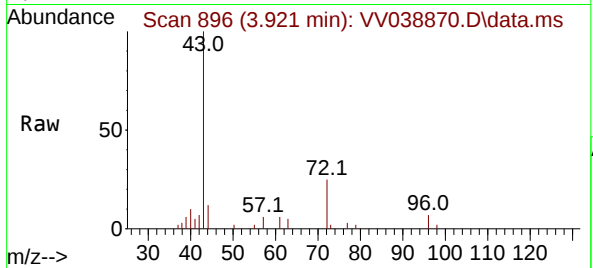




#25
2-Butanone
Concen: 11.305 ug/l m
RT: 3.921 min Scan# 896
Delta R.T. 0.068 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

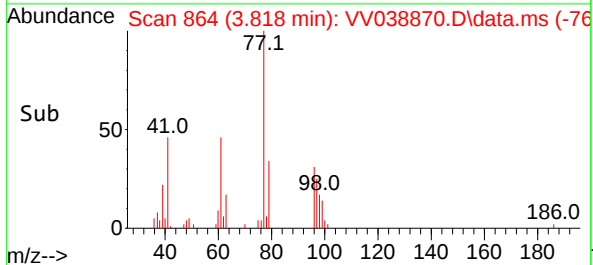
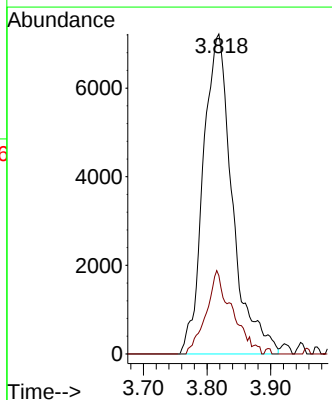
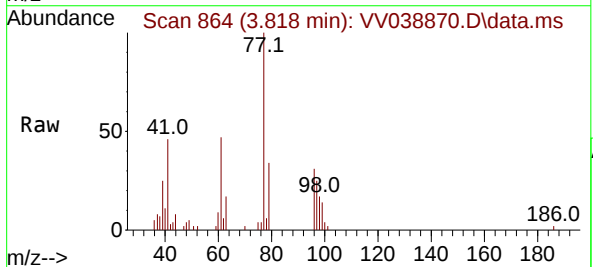
Instrument :
MSVOA_V
ClientSampleId :
MDL03

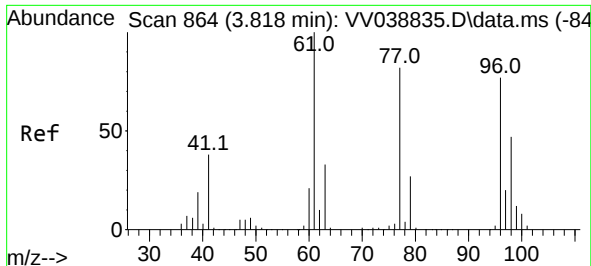
Tgt Ion: 43 Resp: 28533
Ion Ratio Lower Upper
43 100
72 25.0 23.8 35.8



#26
2,2-Dichloropropane
Concen: 2.834 ug/l
RT: 3.818 min Scan# 864
Delta R.T. 0.010 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 77 Resp: 22977
Ion Ratio Lower Upper
77 100
97 22.8 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 2.677 ug/l

RT: 3.838 min Scan# 81

Delta R.T. 0.019 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

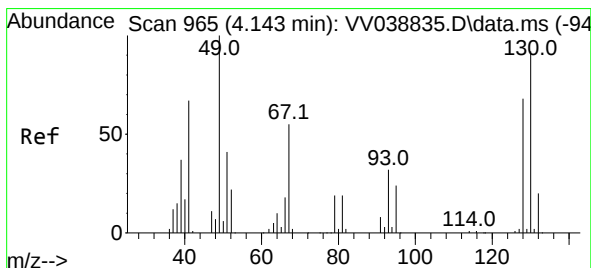
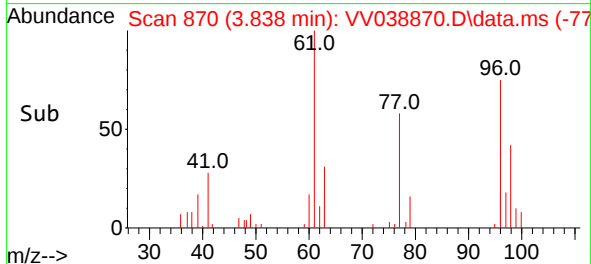
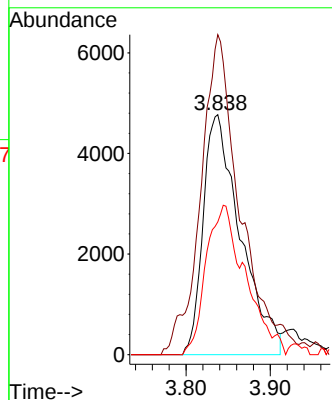
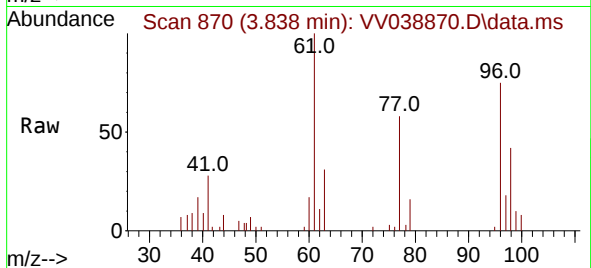
MSVOA_V

ClientSampleId :

MDL03

Tgt Ion: 96 Resp: 14682

Ion	Ratio	Lower	Upper
96	100		
61	141.0	0.0	268.4
98	65.6	0.0	128.0



#28

Bromochloromethane

Concen: 2.950 ug/l

RT: 4.166 min Scan# 972

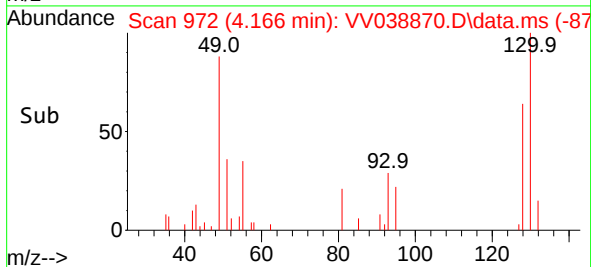
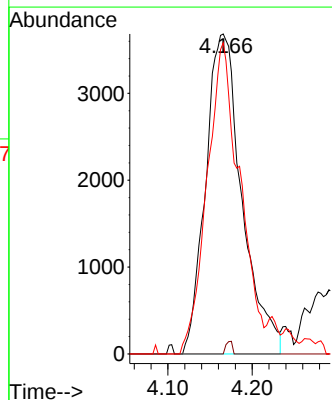
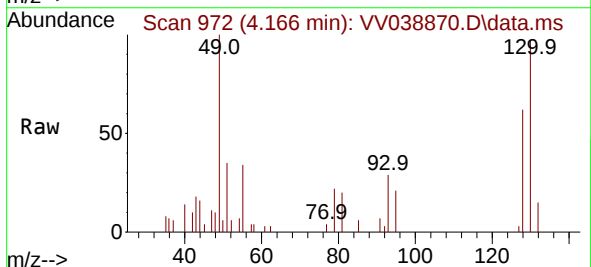
Delta R.T. 0.023 min

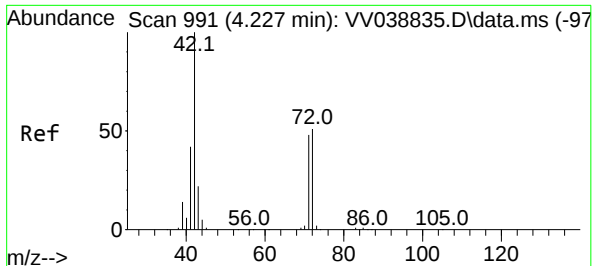
Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Tgt Ion: 49 Resp: 11028

Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	2.2
130	87.9	72.5	108.7





#29

Tetrahydrofuran

Concen: 9.709 ug/l

RT: 4.252 min Scan# 999

Delta R.T. 0.026 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

MDL03

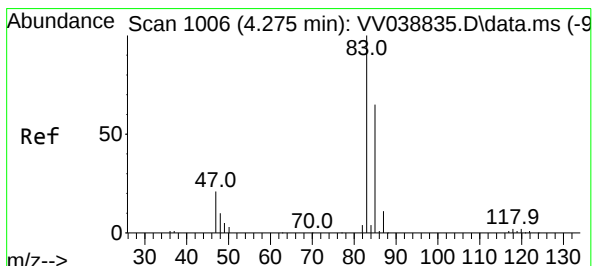
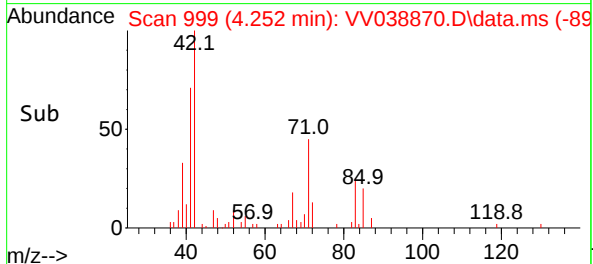
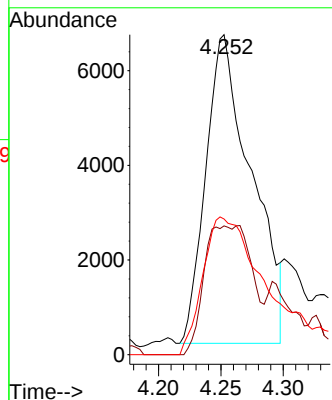
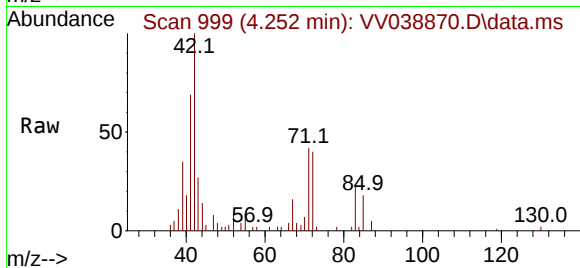
Tgt Ion: 42 Resp: 16596

Ion Ratio Lower Upper

42 100

72 25.9 41.3 61.9#

71 63.2 39.2 58.8#



#30

Chloroform

Concen: 2.874 ug/l

RT: 4.288 min Scan# 1010

Delta R.T. 0.013 min

Lab File: VV038870.D

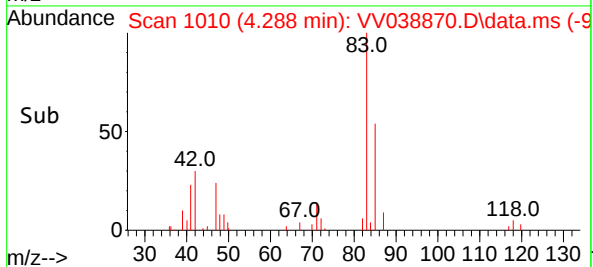
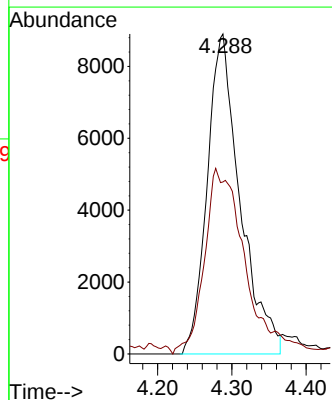
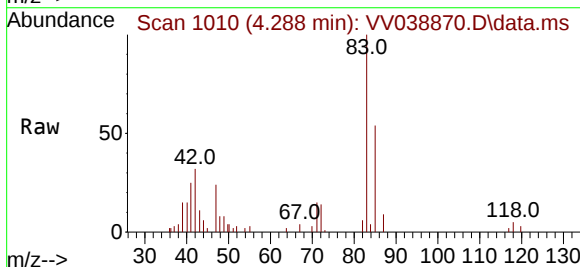
Acq: 07 Jul 2025 15:25

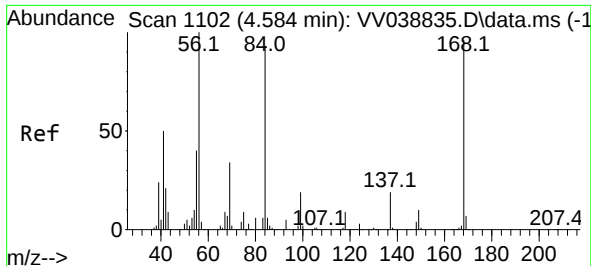
Tgt Ion: 83 Resp: 27395

Ion Ratio Lower Upper

83 100

85 51.1 51.8 77.6#

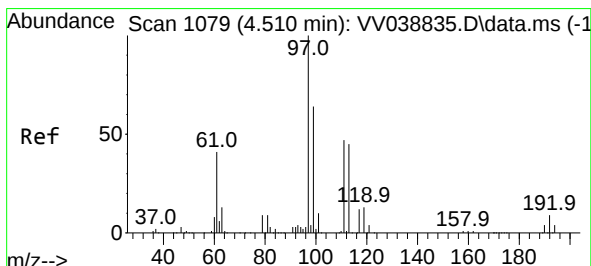
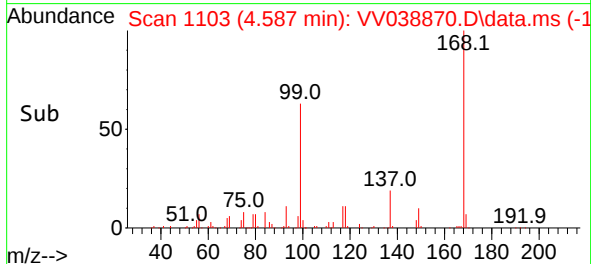
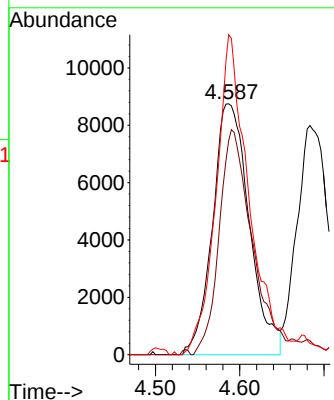
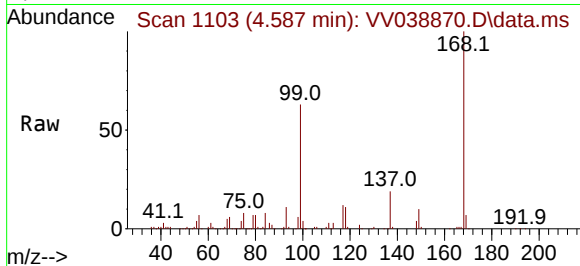




#31
Cyclohexane
Concen: 3.819 ug/l
RT: 4.587 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

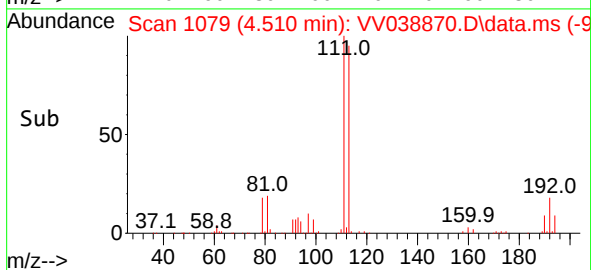
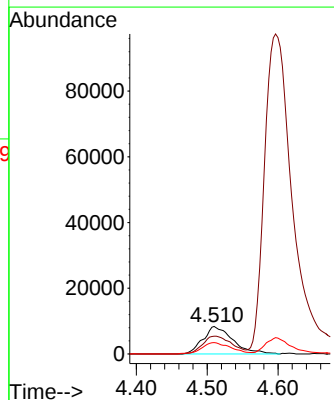
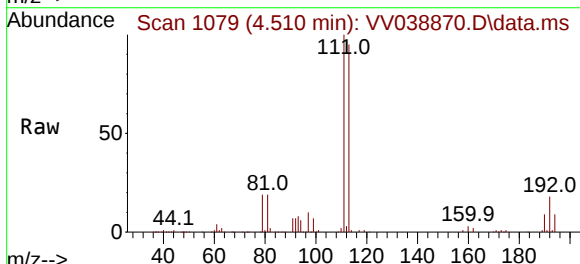
Instrument :
MSVOA_V
ClientSampleId :
MDL03

Tgt Ion: 56 Resp: 26458
Ion Ratio Lower Upper
56 100
69 85.3 27.0 40.4#
84 127.6 74.4 111.6#



#32
1,1,1-Trichloroethane
Concen: 2.766 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. 0.000 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 97 Resp: 24466
Ion Ratio Lower Upper
97 100
99 62.7 48.8 73.2
61 40.4 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 55.688 ug/l

RT: 4.937 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

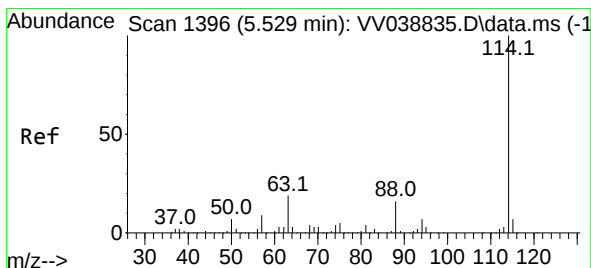
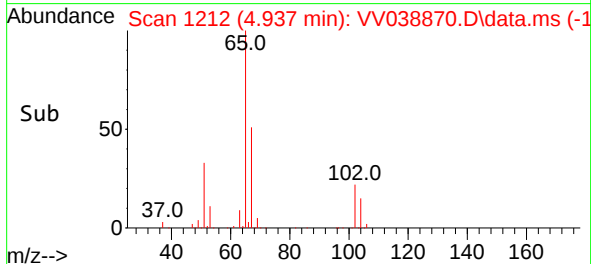
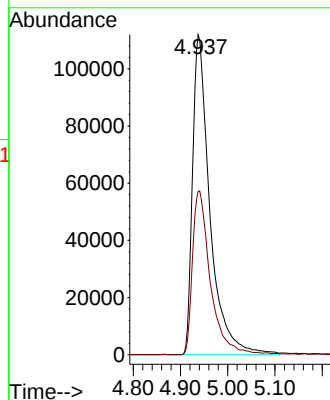
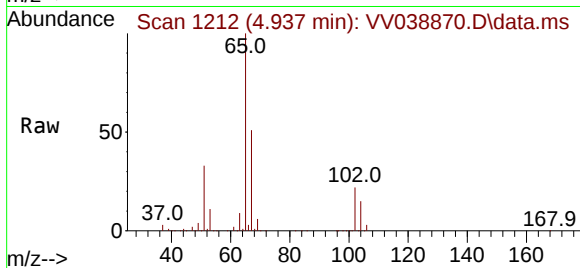
MDL03

Tgt Ion: 65 Resp: 285218

Ion Ratio Lower Upper

65 100

67 52.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

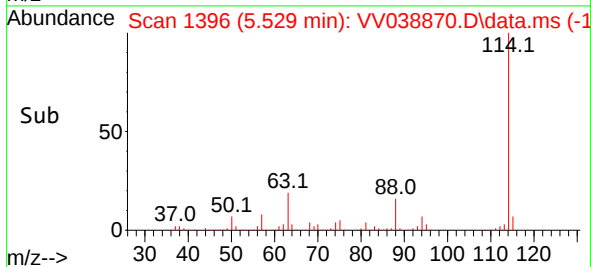
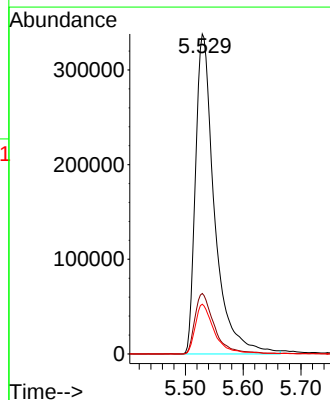
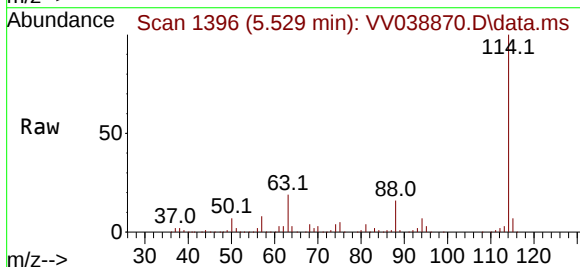
Tgt Ion: 114 Resp: 772279

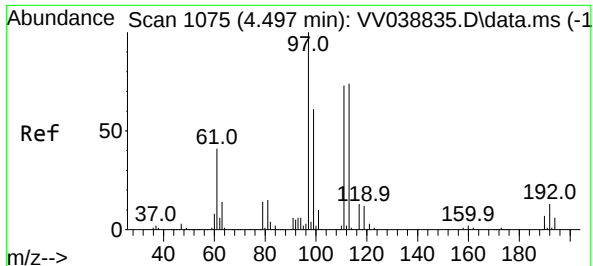
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.503 ug/l

RT: 4.500 min Scan# 1113

Delta R.T. 0.003 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

MDL03

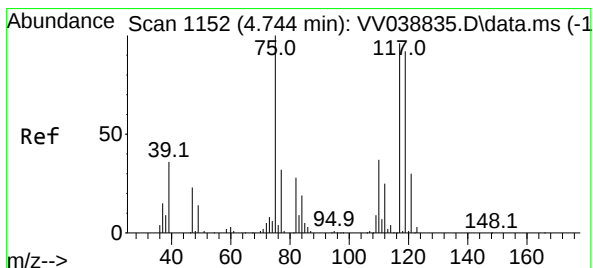
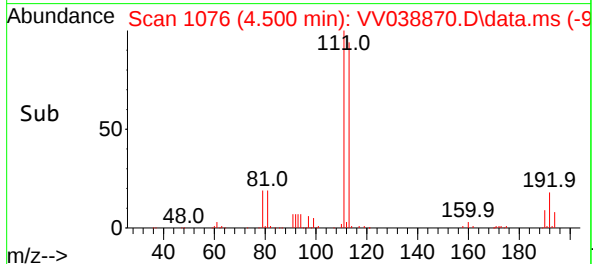
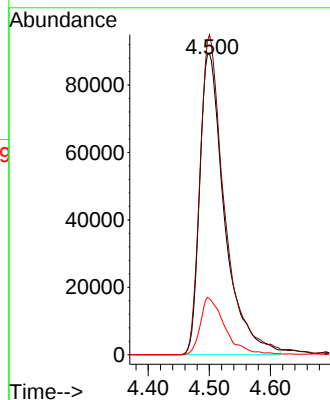
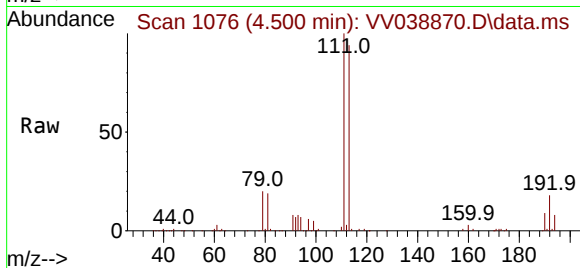
Tgt Ion:113 Resp: 251940

Ion Ratio Lower Upper

113 100

111 105.0 81.5 122.3

192 18.6 14.7 22.1



#36

1,1-Dichloropropene

Concen: 2.195 ug/l

RT: 4.757 min Scan# 1156

Delta R.T. 0.013 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

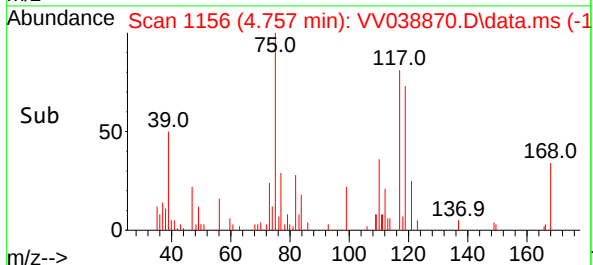
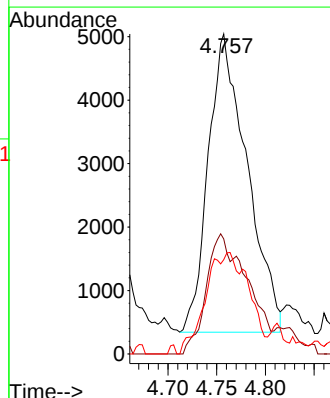
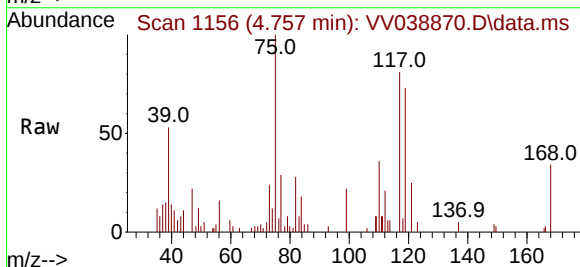
Tgt Ion: 75 Resp: 13031

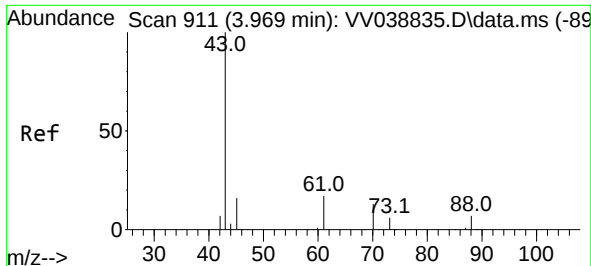
Ion Ratio Lower Upper

75 100

110 43.4 19.3 57.9

77 15.0 25.1 37.7#

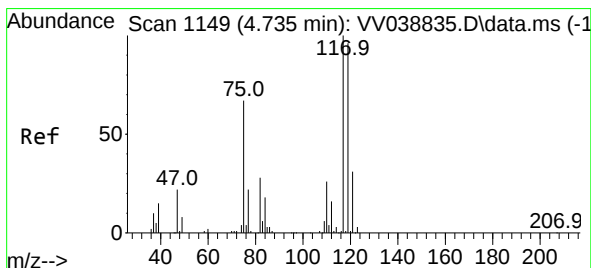
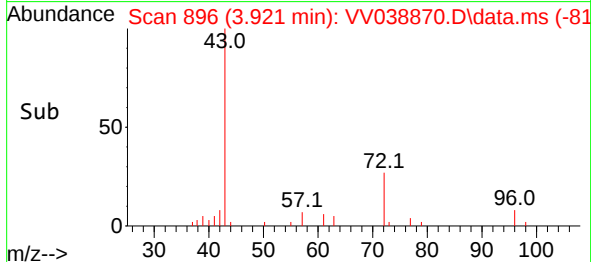
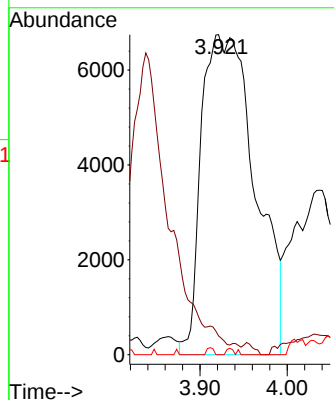
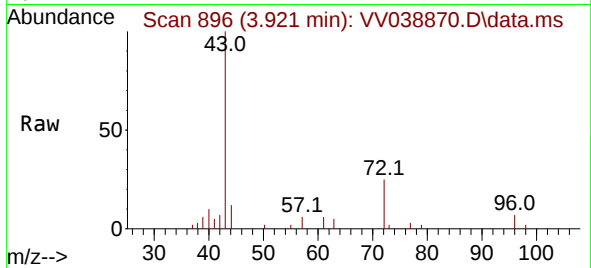




#37
Ethyl Acetate
Concen: 4.774 ug/l m
RT: 3.921 min Scan# 891
Delta R.T. -0.048 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

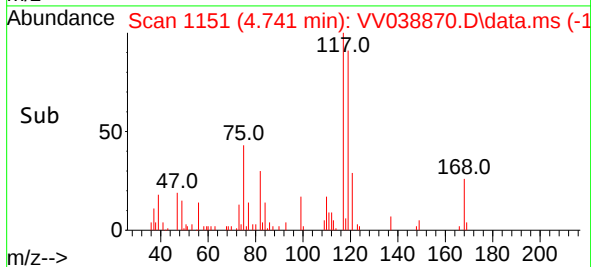
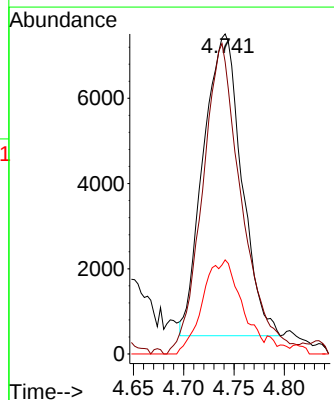
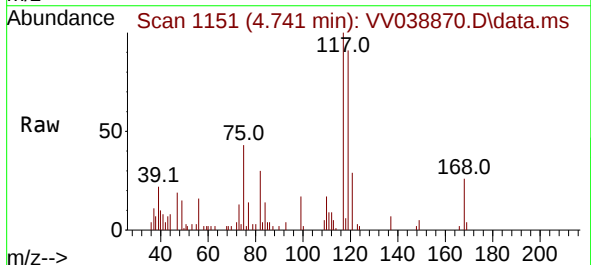
Instrument :
MSVOA_V
ClientSampleId :
MDL03

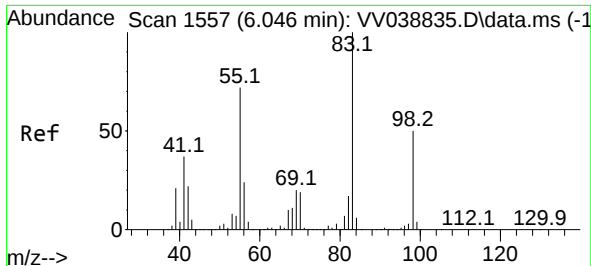
Tgt Ion: 43 Resp: 28916
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.3 9.6 14.4#



#38
Carbon Tetrachloride
Concen: 2.400 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. 0.007 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 117 Resp: 18753
Ion Ratio Lower Upper
117 100
119 90.8 76.5 114.7
121 29.6 25.0 37.6





#39

Methylcyclohexane

Concen: 2.424 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

MDL03

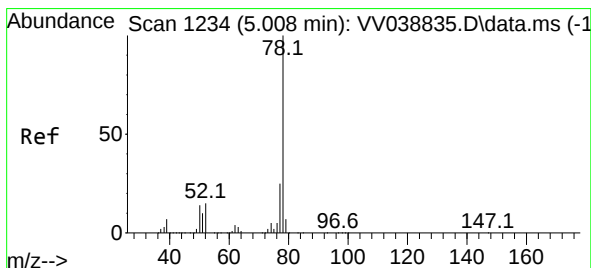
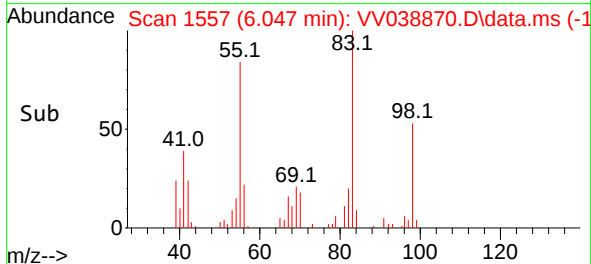
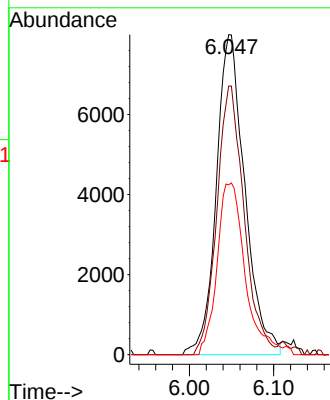
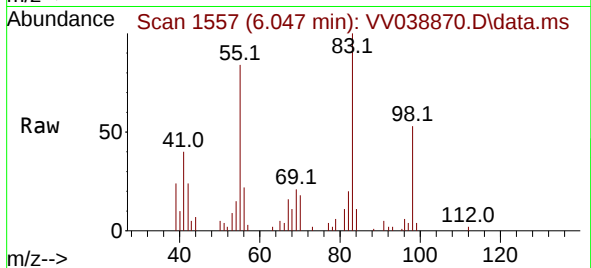
Tgt Ion: 83 Resp: 18812

Ion Ratio Lower Upper

83 100

55 83.9 57.7 86.5

98 53.1 40.2 60.2



#40

Benzene

Concen: 2.639 ug/l

RT: 5.024 min Scan# 1239

Delta R.T. 0.016 min

Lab File: VV038870.D

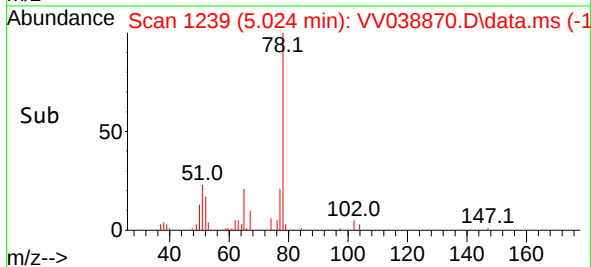
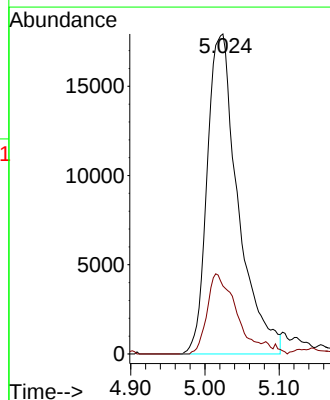
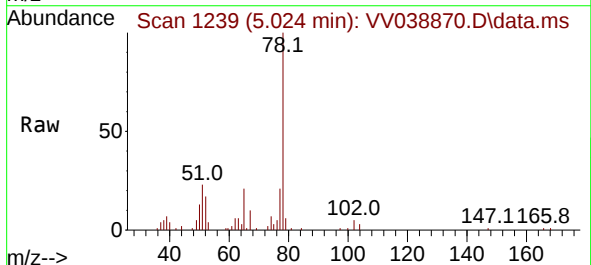
Acq: 07 Jul 2025 15:25

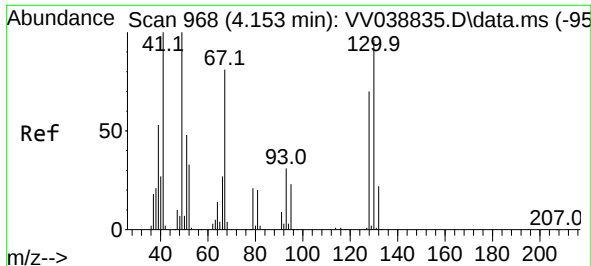
Tgt Ion: 78 Resp: 51735

Ion Ratio Lower Upper

78 100

77 21.2 19.6 29.4

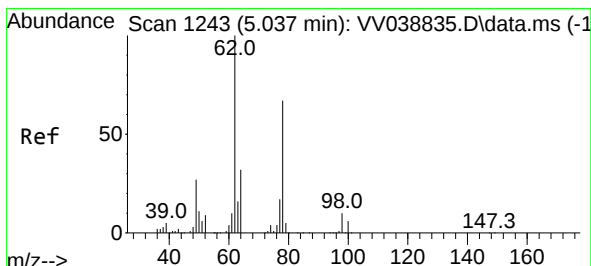
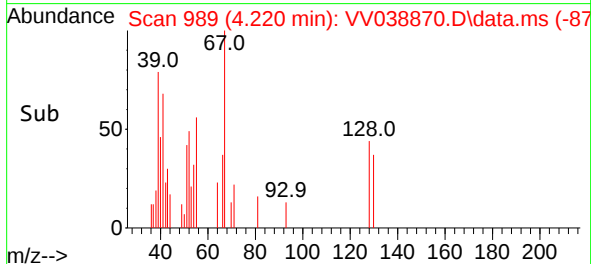
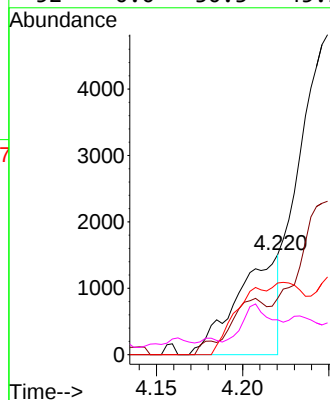
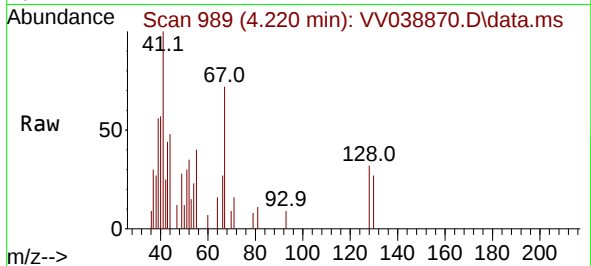




#41
Methacrylonitrile
Concen: 0.977 ug/l m
RT: 4.220 min Scan# 91
Delta R.T. 0.067 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

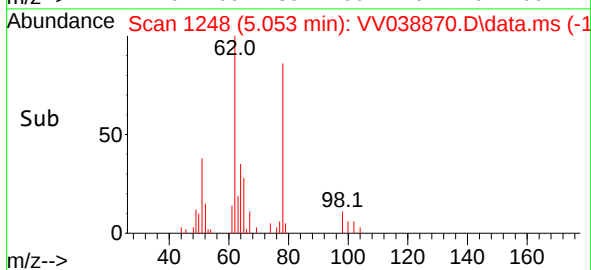
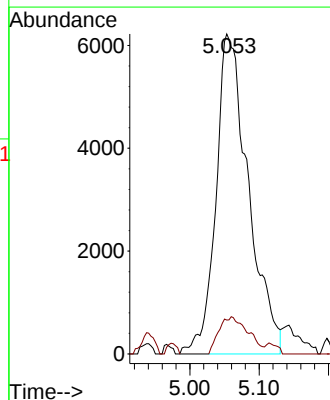
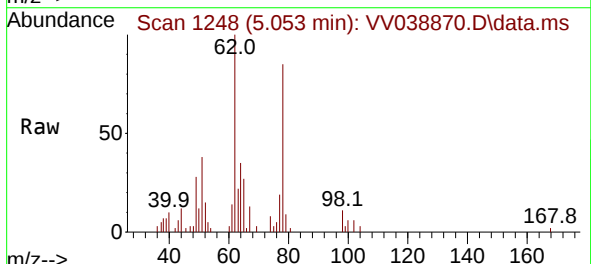
Instrument :
MSVOA_V
ClientSampleId :
MDL03

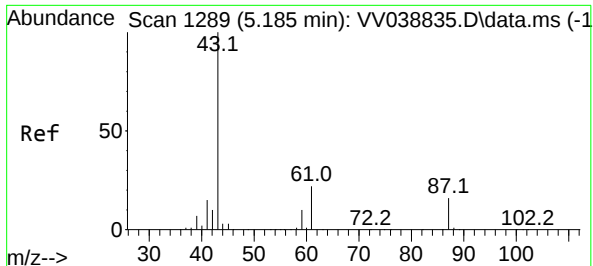
Tgt Ion:	41	Resp:	2540
Ion	Ratio	Lower	Upper
41	100		
39	338.1	43.8	65.8#
67	24.6	78.8	118.2#
52	0.0	30.3	45.5#



#42
1,2-Dichloroethane
Concen: 2.912 ug/l
RT: 5.053 min Scan# 1248
Delta R.T. 0.016 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion:	62	Resp:	20209
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	19.0

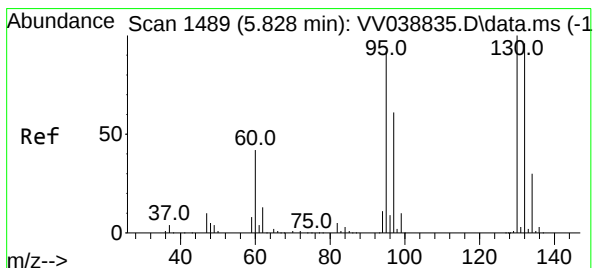
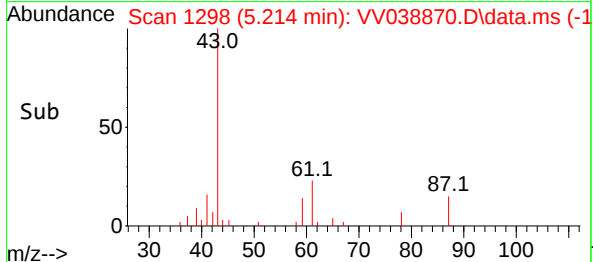
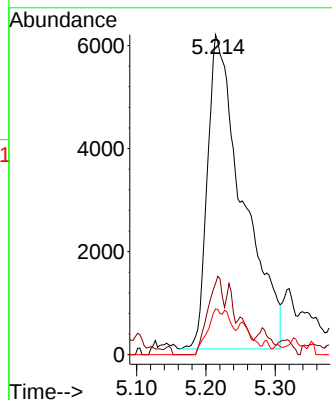
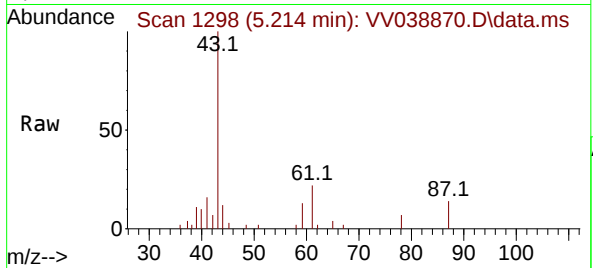




#43
Isopropyl Acetate
Concen: 2.226 ug/l
RT: 5.214 min Scan# 1298
Delta R.T. 0.029 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

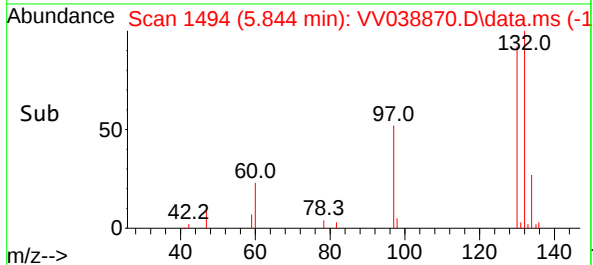
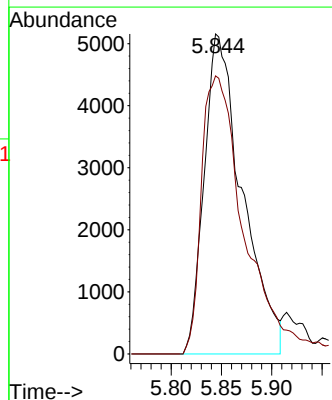
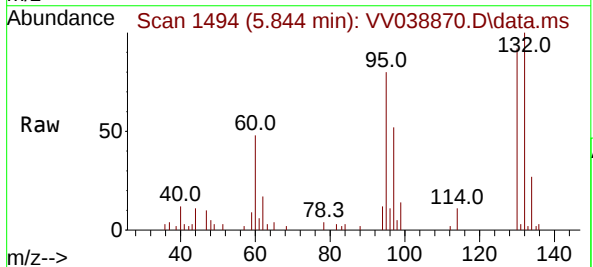
Instrument :
MSVOA_V
ClientSampleId :
MDL03

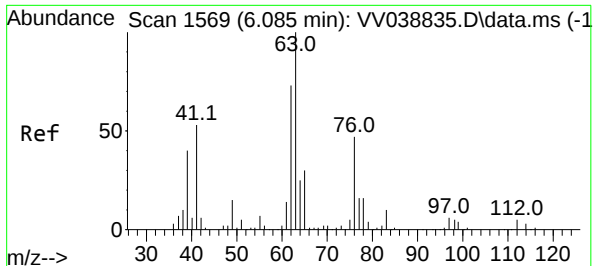
Tgt Ion: 43 Resp: 21509
Ion Ratio Lower Upper
43 100
61 10.7 17.0 25.6#
87 6.0 13.0 19.6#



#44
Trichloroethene
Concen: 2.652 ug/l
RT: 5.844 min Scan# 1494
Delta R.T. 0.016 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion:130 Resp: 13568
Ion Ratio Lower Upper
130 100
95 86.9 0.0 184.4





#45

1,2-Dichloropropane

Concen: 2.533 ug/l

RT: 6.101 min Scan# 1574

Delta R.T. 0.016 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

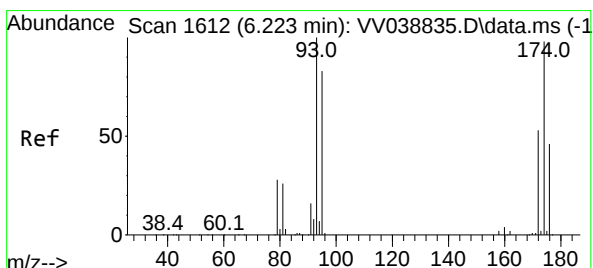
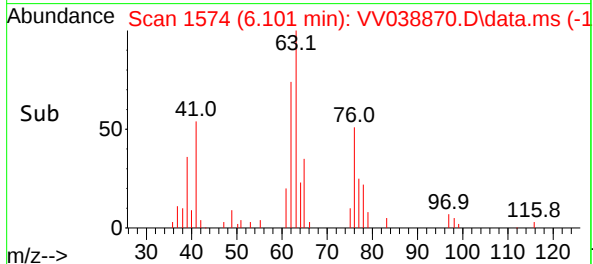
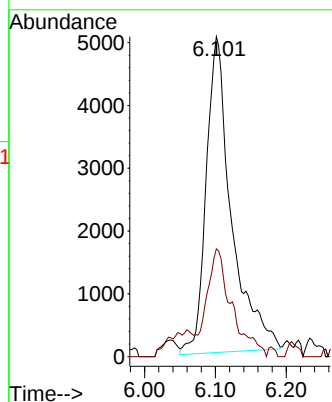
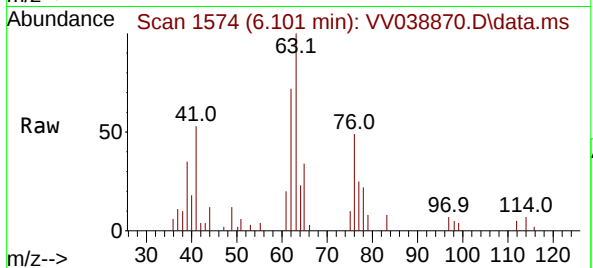
MDL03

Tgt Ion: 63 Resp: 12467

Ion Ratio Lower Upper

63 100

65 34.6 24.3 36.5



#46

Dibromomethane

Concen: 2.641 ug/l

RT: 6.240 min Scan# 1617

Delta R.T. 0.016 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

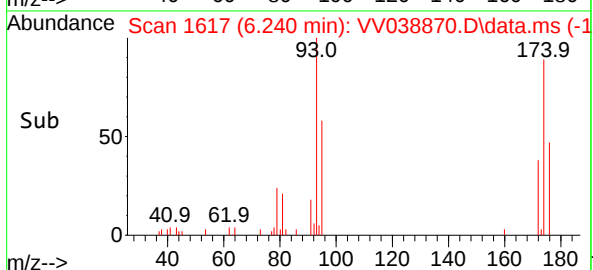
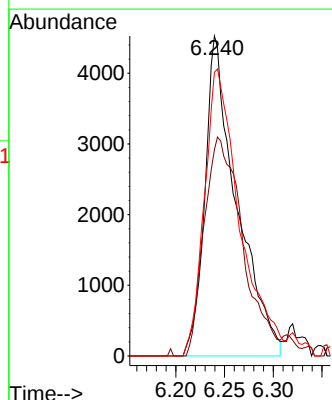
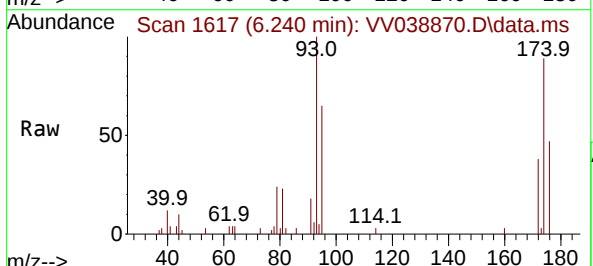
Tgt Ion: 93 Resp: 10253

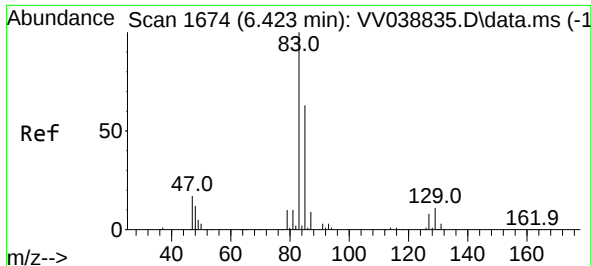
Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

174 100.3 78.7 118.1

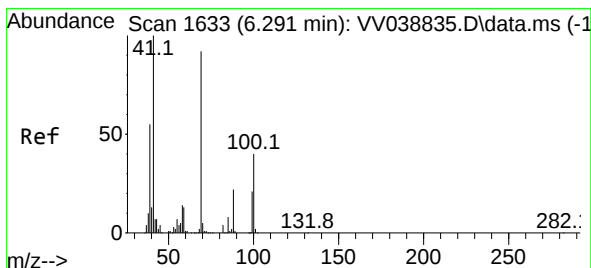
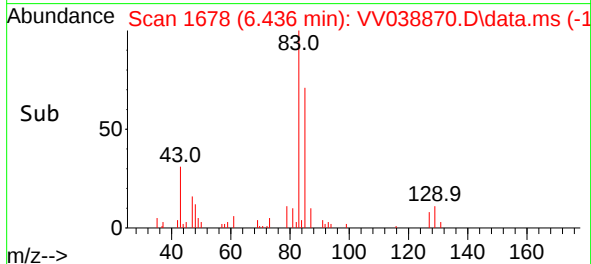
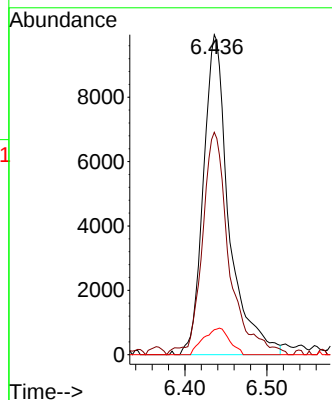
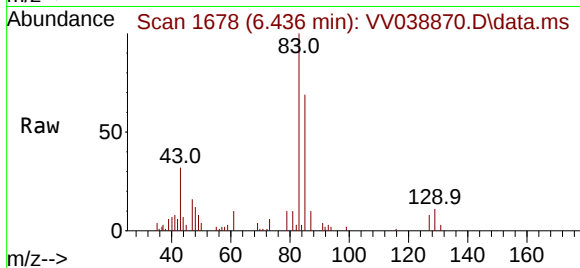




#47
Bromodichloromethane
Concen: 2.623 ug/l
RT: 6.436 min Scan# 1647
Delta R.T. 0.013 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

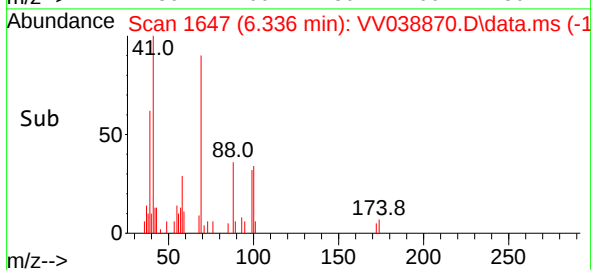
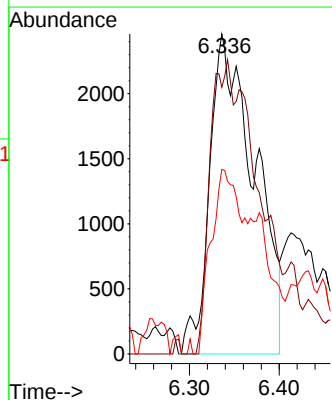
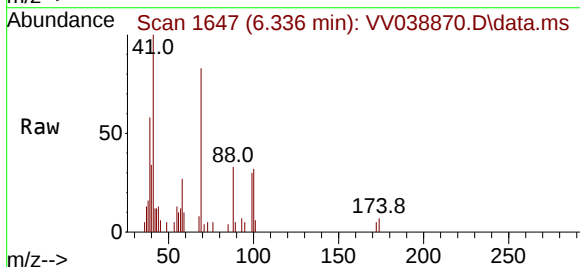
Instrument :
MSVOA_V
ClientSampleId :
MDL03

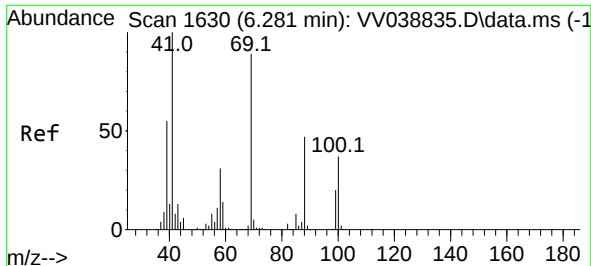
Tgt Ion:	83	Resp:	21564
Ion	Ratio	Lower	Upper
83	100		
85	67.7	50.1	75.1
127	7.8	6.6	10.0



#48
Methyl methacrylate
Concen: 1.858 ug/l m
RT: 6.336 min Scan# 1647
Delta R.T. 0.045 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion:	41	Resp:	8537
Ion	Ratio	Lower	Upper
41	100		
69	27.0	77.4	116.2#
39	40.2	44.2	66.4#





#49

1,4-Dioxane

Concen: 58.065 ug/l m

RT: 6.313 min Scan# 1

Delta R.T. 0.032 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

MDL03

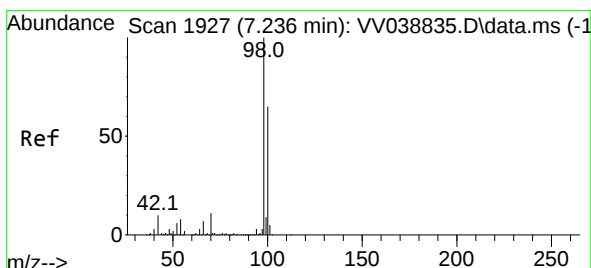
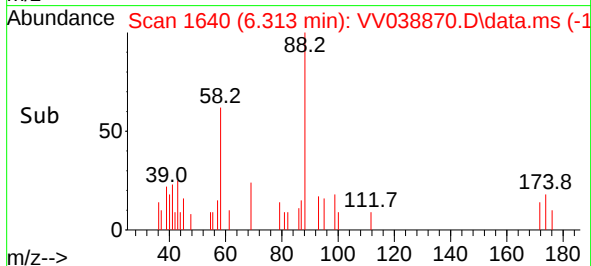
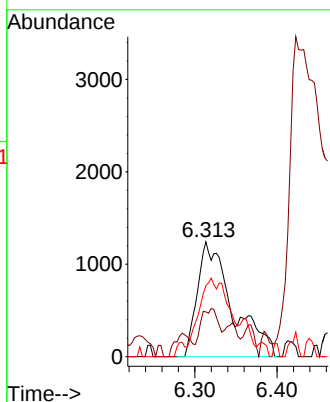
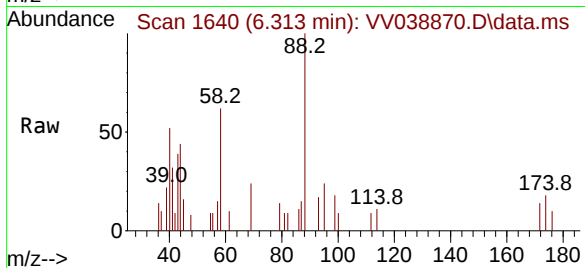
Tgt Ion: 88 Resp: 3698

Ion Ratio Lower Upper

88 100

43 14.6 25.2 37.8#

58 27.6 52.1 78.1#



#50

Toluene-d8

Concen: 48.157 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038870.D

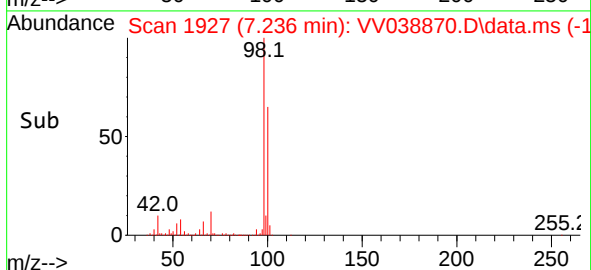
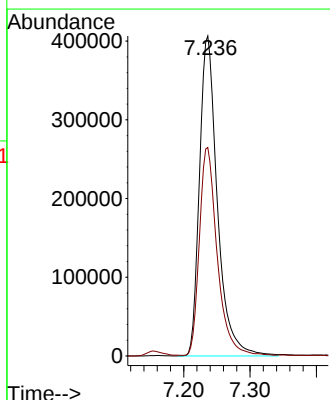
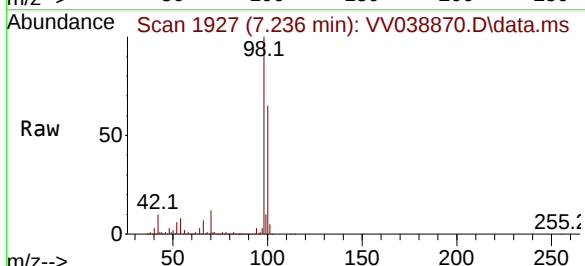
Acq: 07 Jul 2025 15:25

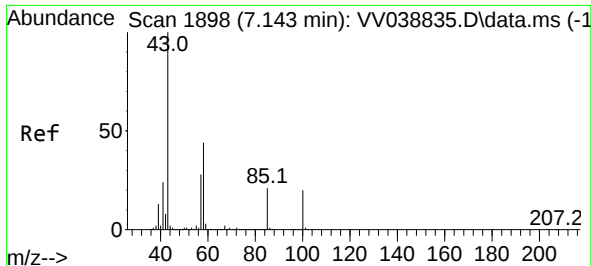
Tgt Ion: 98 Resp: 762183

Ion Ratio Lower Upper

98 100

100 64.7 53.0 79.4

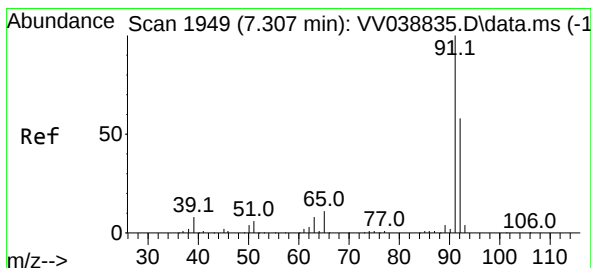
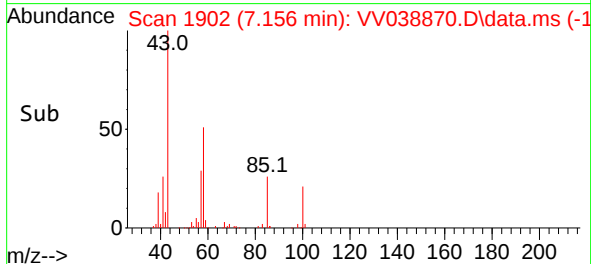
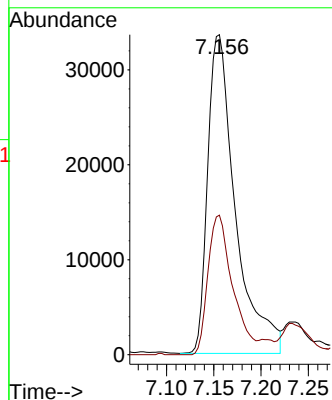
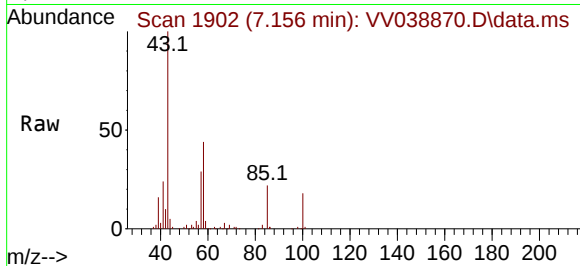




#51
4-Methyl-2-Pentanone
Concen: 11.232 ug/l
RT: 7.156 min Scan# 1902
Delta R.T. 0.013 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

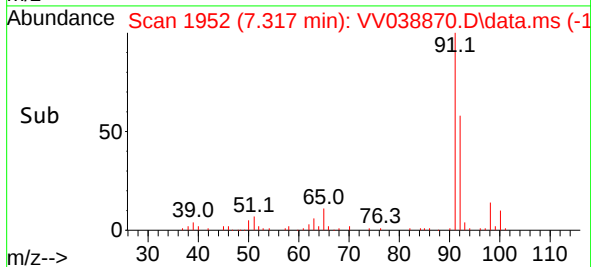
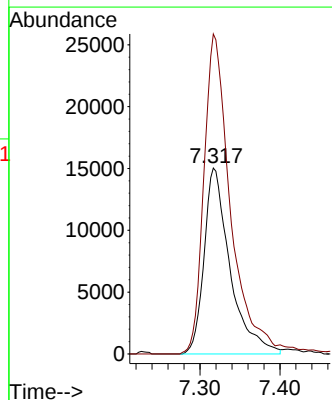
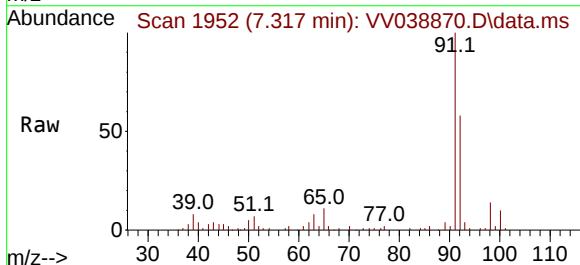
Instrument :
MSVOA_V
ClientSampleId :
MDL03

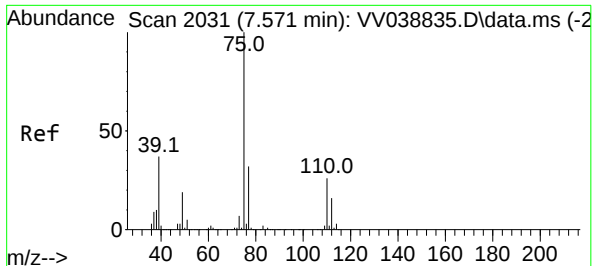
Tgt Ion: 43 Resp: 68488
Ion Ratio Lower Upper
43 100
58 39.3 34.4 51.6



#52
Toluene
Concen: 2.774 ug/l
RT: 7.317 min Scan# 1952
Delta R.T. 0.010 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 92 Resp: 33973
Ion Ratio Lower Upper
92 100
91 179.3 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 2.222 ug/l

RT: 7.593 min Scan# 2031

Delta R.T. 0.023 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

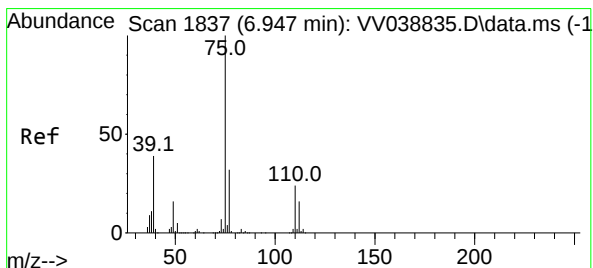
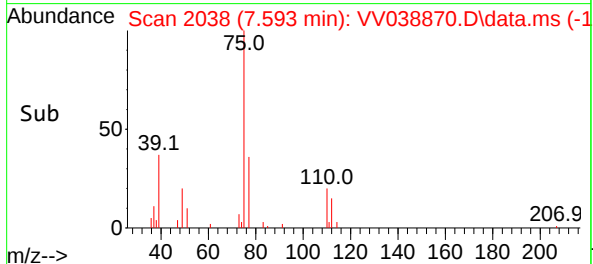
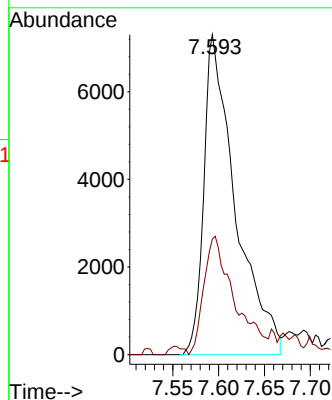
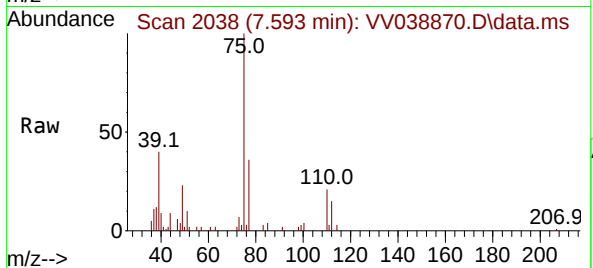
MDL03

Tgt Ion: 75 Resp: 17489

Ion Ratio Lower Upper

75 100

77 34.3 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 2.386 ug/l

RT: 6.963 min Scan# 1842

Delta R.T. 0.016 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

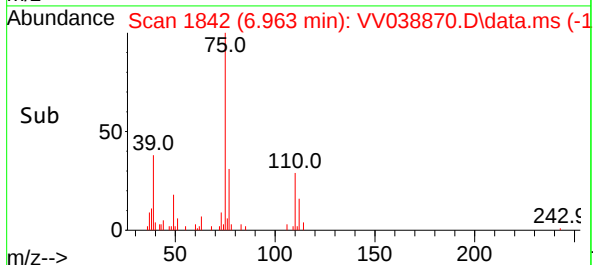
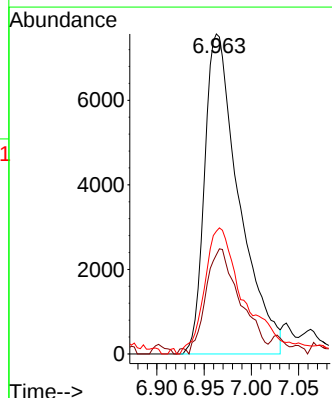
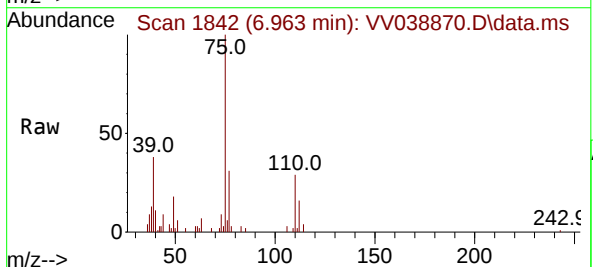
Tgt Ion: 75 Resp: 19197

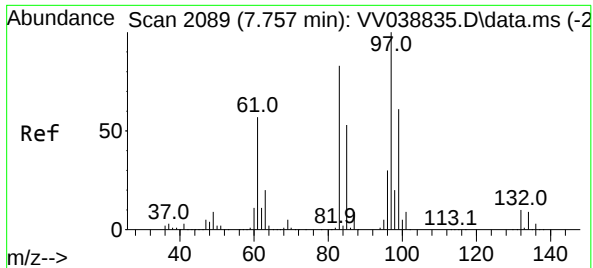
Ion Ratio Lower Upper

75 100

77 29.4 25.8 38.8

39 38.4 31.3 46.9

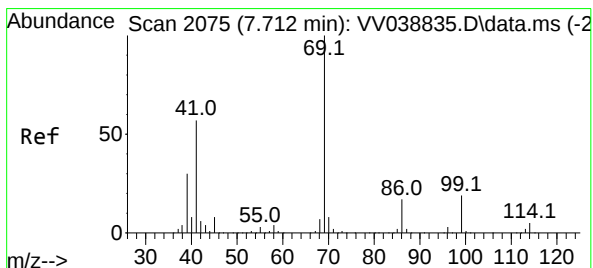
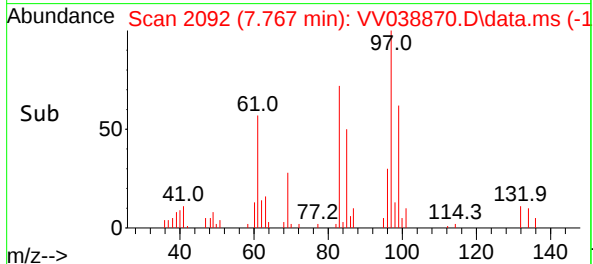
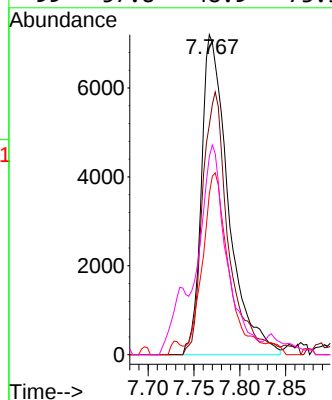
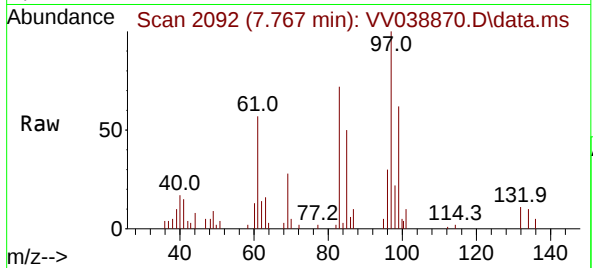




#55
 1,1,2-Trichloroethane
 Concen: 2.743 ug/l
 RT: 7.767 min Scan# 2089
 Delta R.T. 0.010 min
 Lab File: VV038870.D
 Acq: 07 Jul 2025 15:25

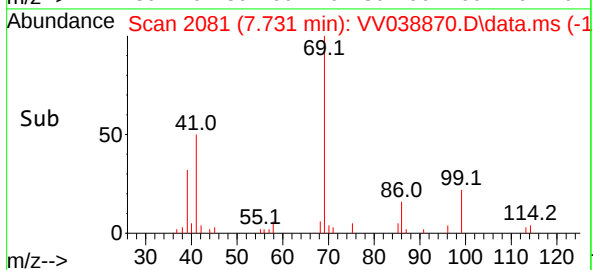
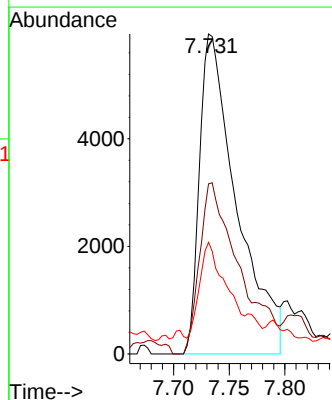
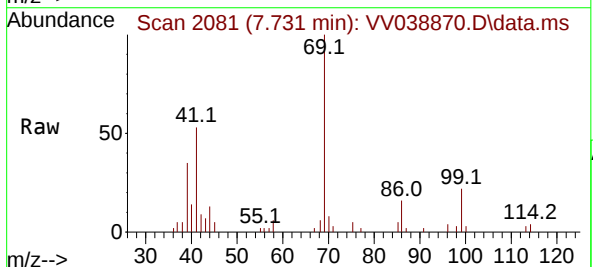
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL03

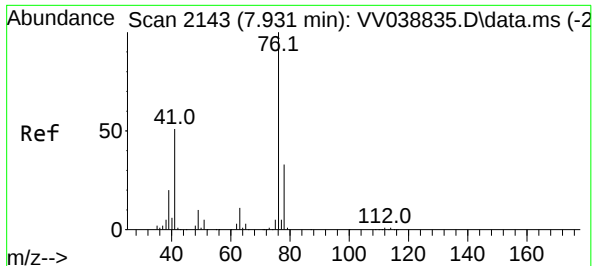
Tgt Ion: 97	Resp: 14691
Ion Ratio	Lower Upper
97 100	
83 71.8	66.2 99.4
85 47.8	42.2 63.4
99 57.8	48.9 73.3



#56
 Ethyl methacrylate
 Concen: 1.962 ug/l
 RT: 7.731 min Scan# 2081
 Delta R.T. 0.019 min
 Lab File: VV038870.D
 Acq: 07 Jul 2025 15:25

Tgt Ion: 69	Resp: 13825
Ion Ratio	Lower Upper
69 100	
41 57.9	46.1 69.1
39 24.2	24.1 36.1





#57

1,3-Dichloropropane

Concen: 2.601 ug/l

RT: 7.944 min Scan# 2143

Delta R.T. 0.013 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

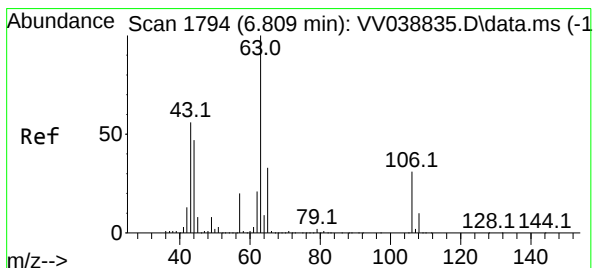
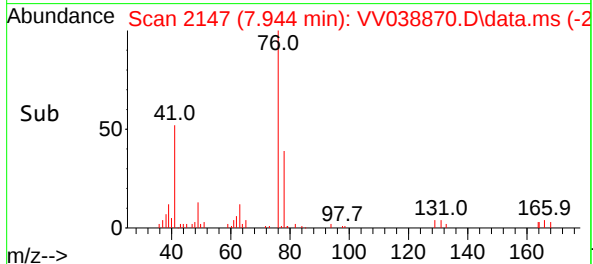
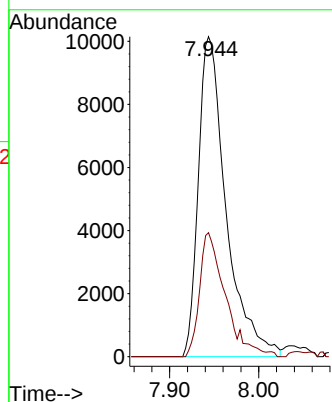
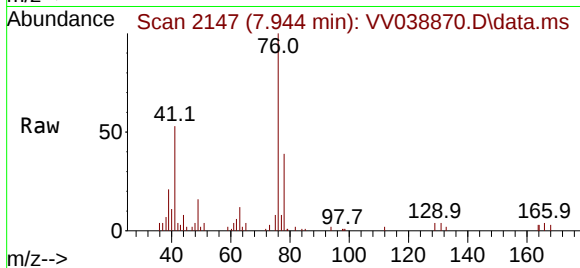
MDL03

Tgt Ion: 76 Resp: 21941

Ion Ratio Lower Upper

76 100

78 36.0 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 11.663 ug/l

RT: 6.825 min Scan# 1799

Delta R.T. 0.016 min

Lab File: VV038870.D

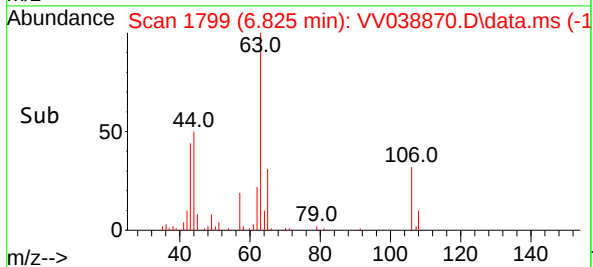
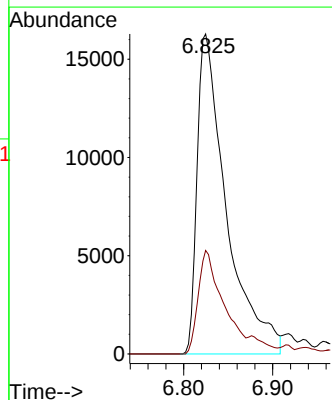
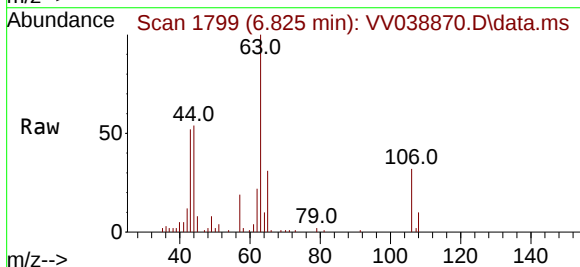
Acq: 07 Jul 2025 15:25

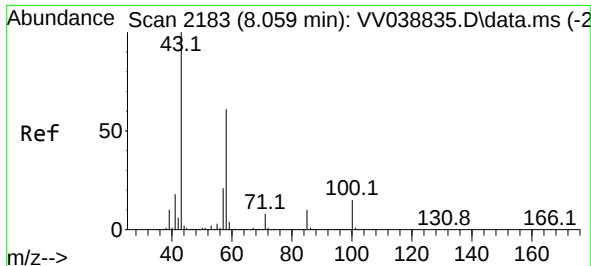
Tgt Ion: 63 Resp: 37310

Ion Ratio Lower Upper

63 100

106 27.3 24.6 37.0





#59

2-Hexanone

Concen: 10.715 ug/l

RT: 8.079 min Scan# 2183

Delta R.T. 0.019 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

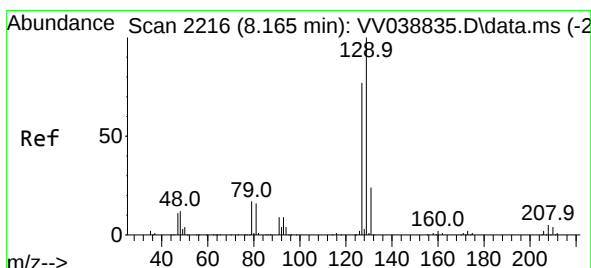
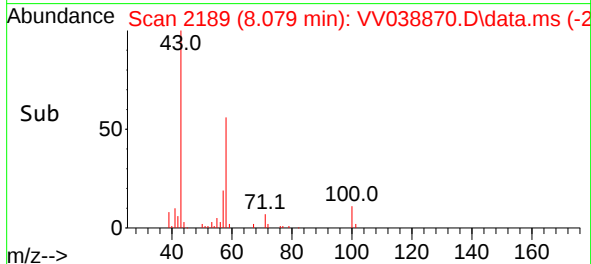
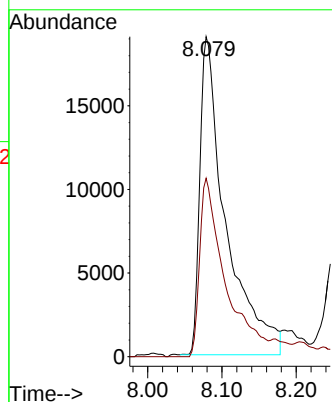
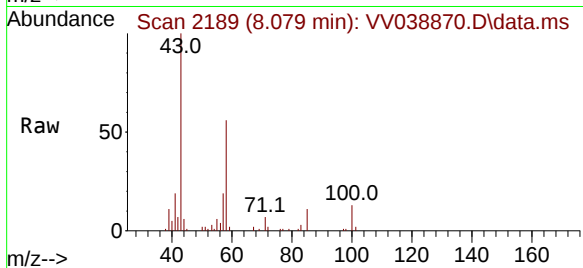
MDL03

Tgt Ion: 43 Resp: 46085

Ion Ratio Lower Upper

43 100

58 55.3 30.3 91.0



#60

Dibromochloromethane

Concen: 2.474 ug/l

RT: 8.172 min Scan# 2218

Delta R.T. 0.007 min

Lab File: VV038870.D

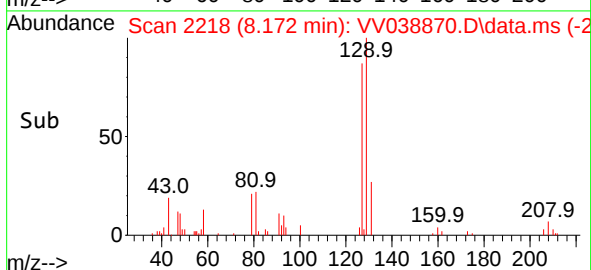
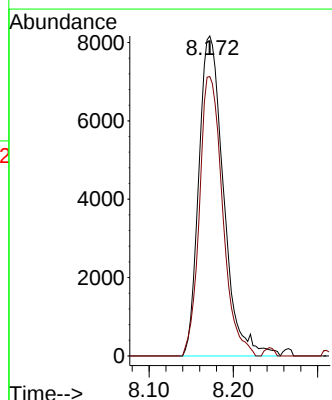
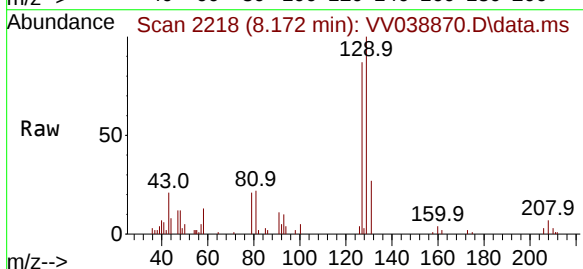
Acq: 07 Jul 2025 15:25

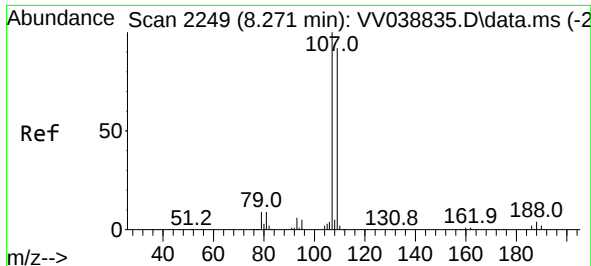
Tgt Ion: 129 Resp: 16684

Ion Ratio Lower Upper

129 100

127 81.7 38.2 114.6

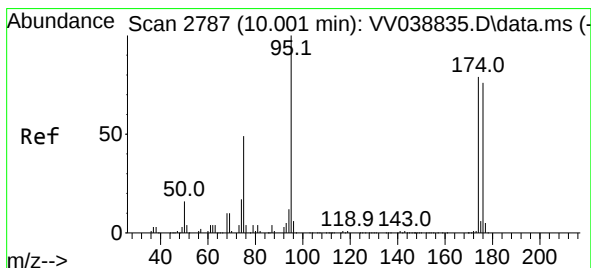
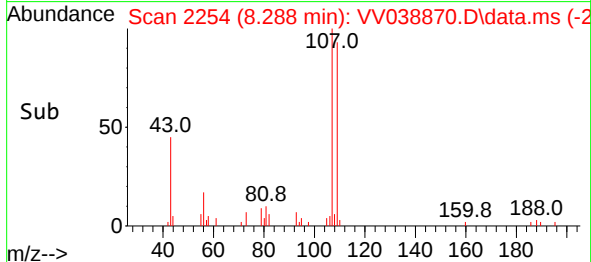
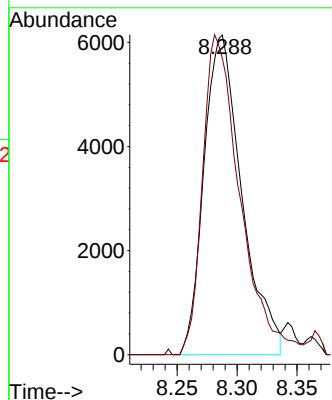
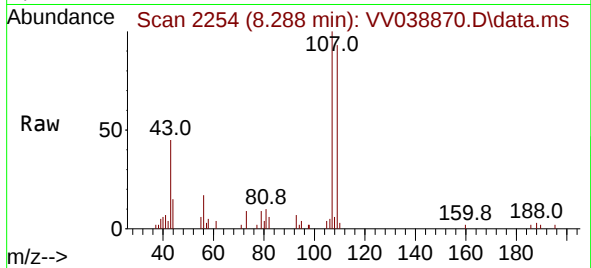




#61
1,2-Dibromoethane
Concen: 2.441 ug/l
RT: 8.288 min Scan# 21
Delta R.T. 0.016 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

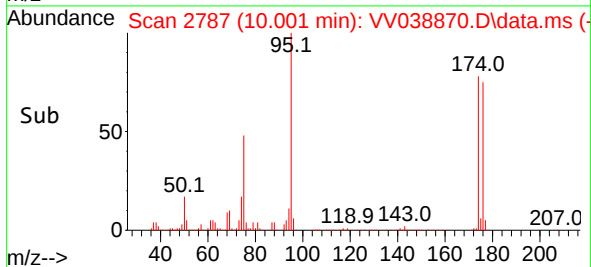
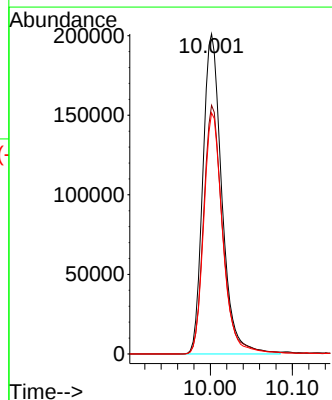
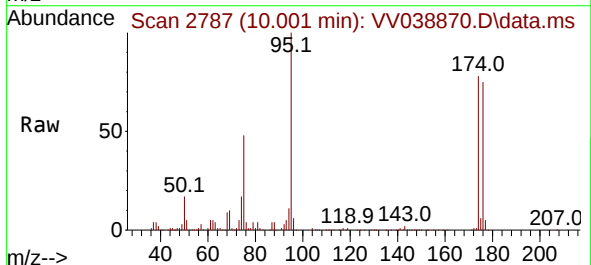
Instrument :
MSVOA_V
ClientSampleId :
MDL03

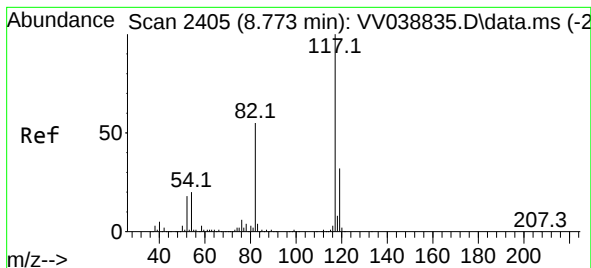
Tgt Ion:107 Resp: 13524
Ion Ratio Lower Upper
107 100
109 98.5 74.8 112.2



#62
4-Bromofluorobenzene
Concen: 50.576 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 95 Resp: 323396
Ion Ratio Lower Upper
95 100
174 78.0 0.0 158.2
176 75.4 0.0 154.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2405

Delta R.T. 0.000 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

MDL03

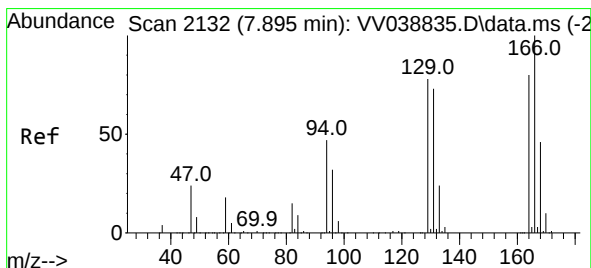
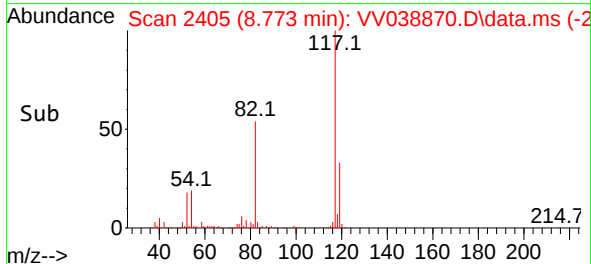
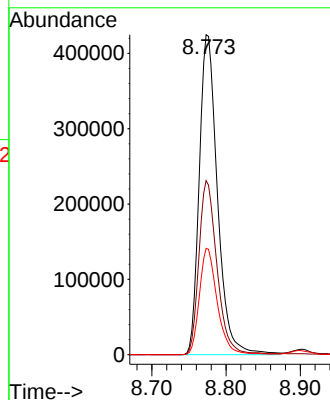
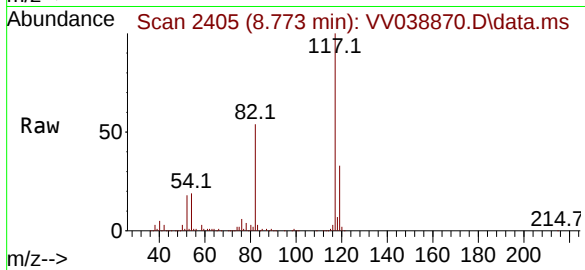
Tgt Ion:117 Resp: 725071

Ion Ratio Lower Upper

117 100

82 54.4 44.2 66.4

119 33.2 25.5 38.3



#64

Tetrachloroethene

Concen: 2.725 ug/l

RT: 7.902 min Scan# 2134

Delta R.T. 0.007 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Tgt Ion:164 Resp: 12705

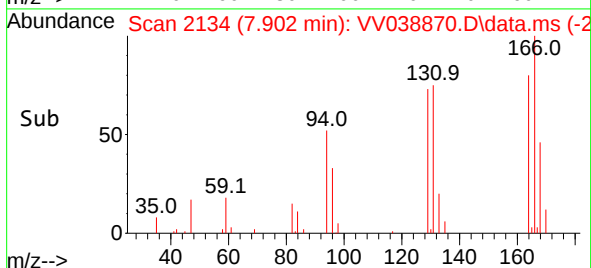
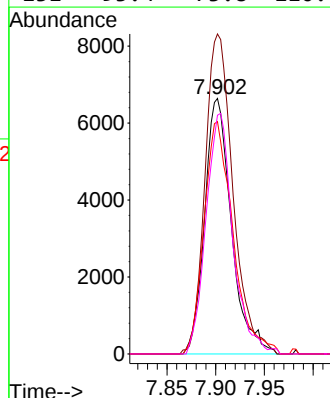
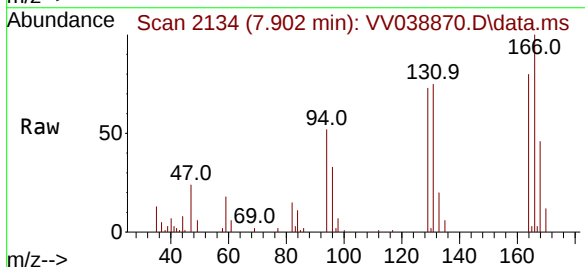
Ion Ratio Lower Upper

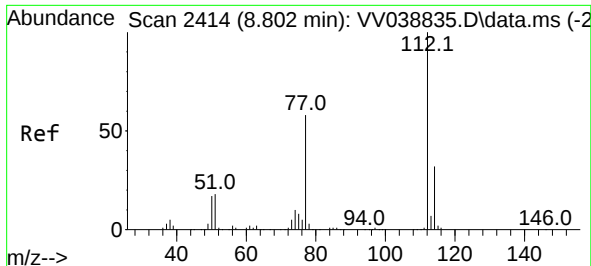
164 100

166 125.3 100.6 151.0

129 90.9 78.4 117.6

131 93.4 73.8 110.6

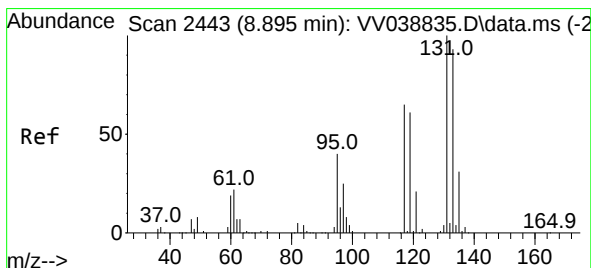
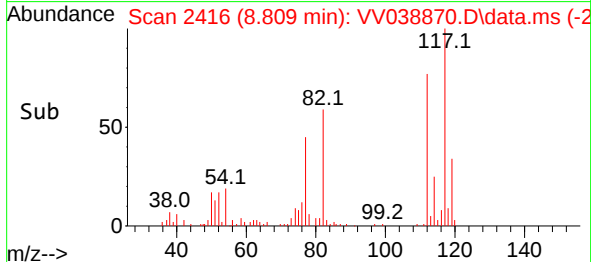
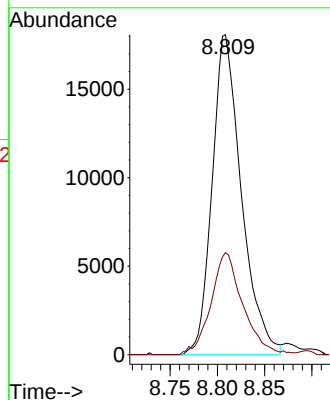
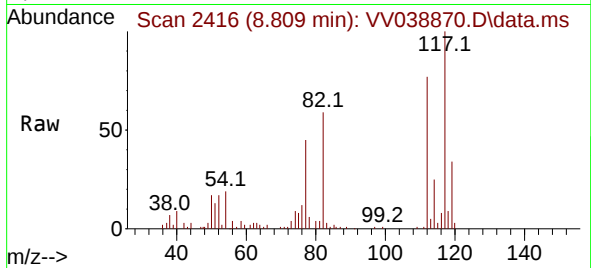




#65
Chlorobenzene
Concen: 2.544 ug/l
RT: 8.809 min Scan# 2414
Delta R.T. 0.007 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

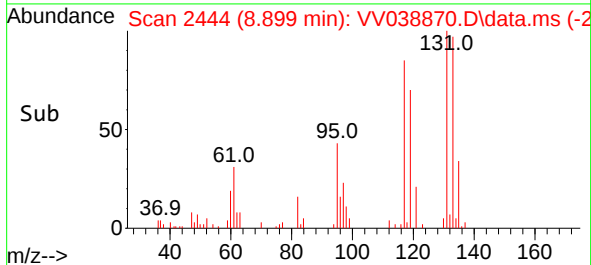
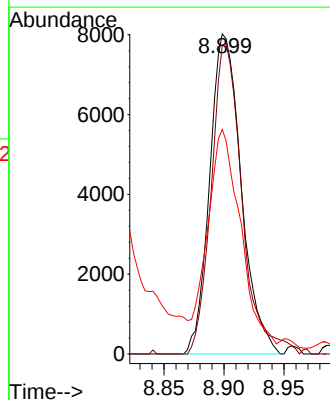
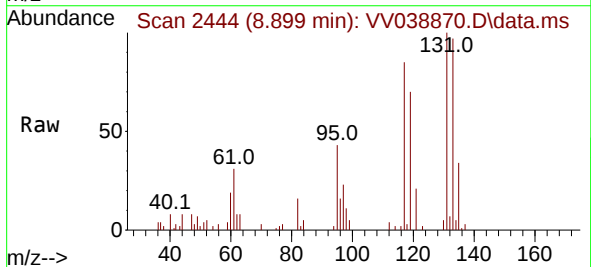
Instrument :
MSVOA_V
ClientSampleId :
MDL03

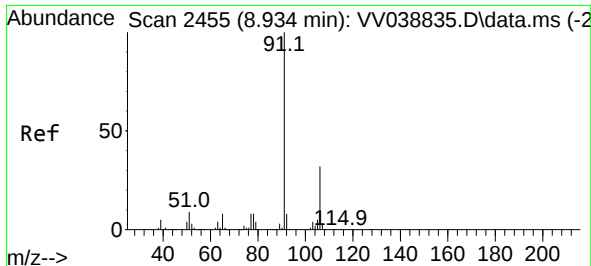
Tgt Ion:112 Resp: 38874
Ion Ratio Lower Upper
112 100
114 31.9 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 2.575 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.003 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion:131 Resp: 14691
Ion Ratio Lower Upper
131 100
133 94.4 47.3 142.0
119 69.9 31.0 93.0

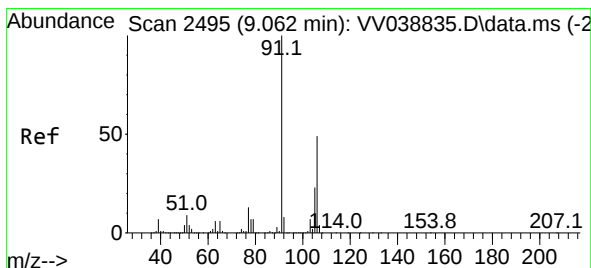
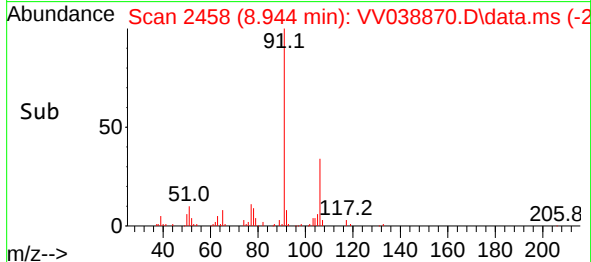
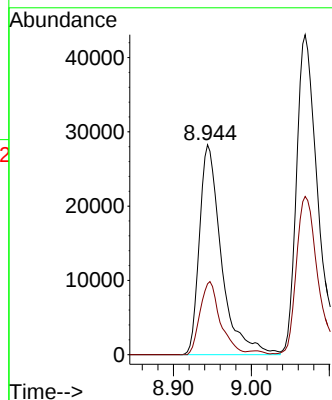
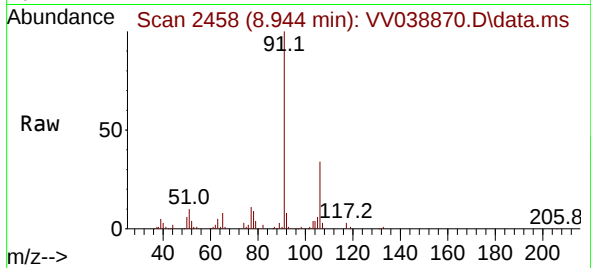




#67
Ethyl Benzene
Concen: 2.320 ug/l
RT: 8.944 min Scan# 2455
Delta R.T. 0.010 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

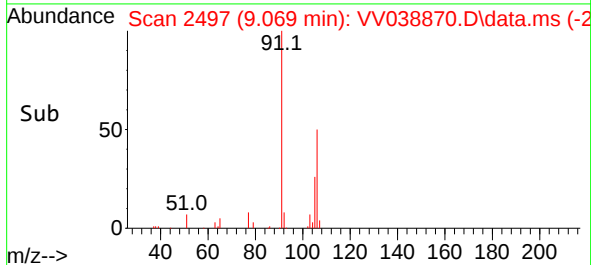
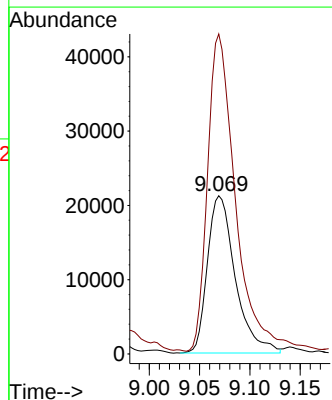
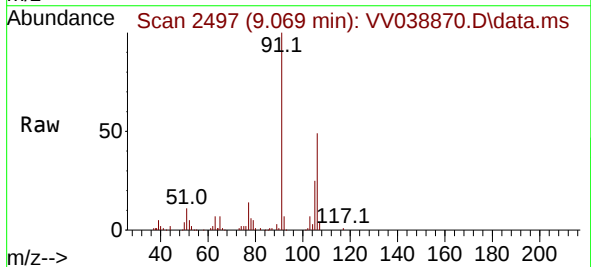
Instrument :
MSVOA_V
ClientSampleId :
MDL03

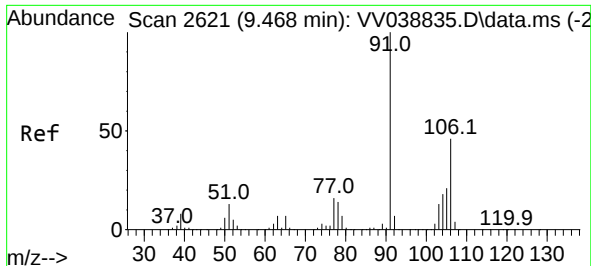
Tgt Ion: 91 Resp: 55550
Ion Ratio Lower Upper
91 100
106 33.8 25.2 37.8



#68
m/p-Xylenes
Concen: 4.451 ug/l
RT: 9.069 min Scan# 2497
Delta R.T. 0.007 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 106 Resp: 40812
Ion Ratio Lower Upper
106 100
91 204.6 162.9 244.3

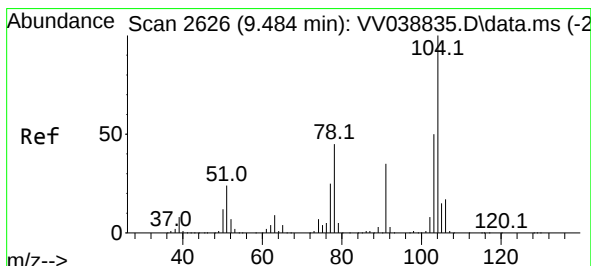
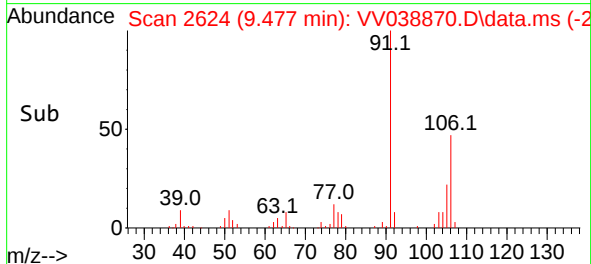
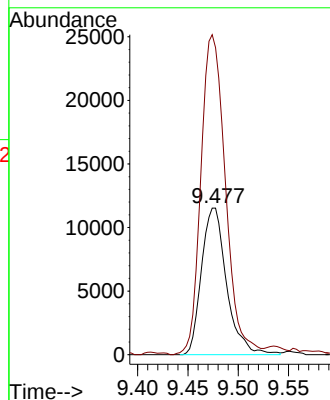
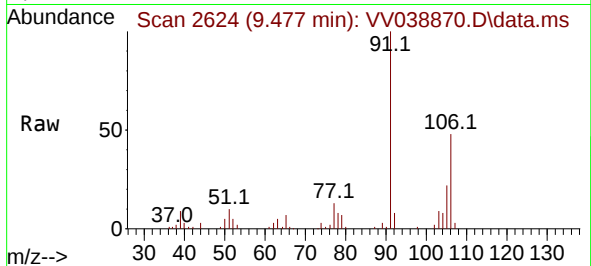




#69
o-Xylene
Concen: 2.290 ug/l
RT: 9.477 min Scan# 2624
Delta R.T. 0.010 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

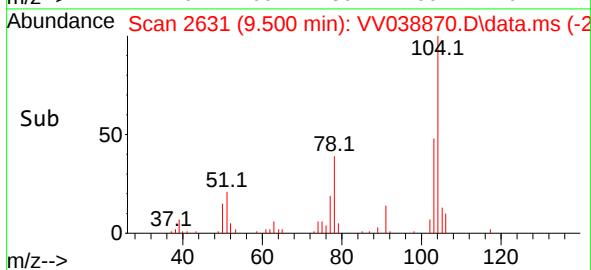
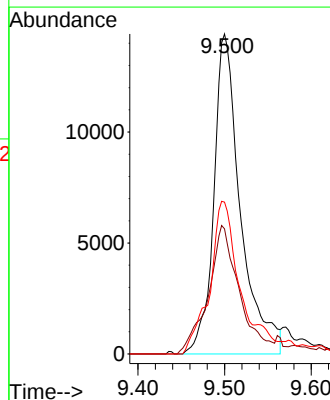
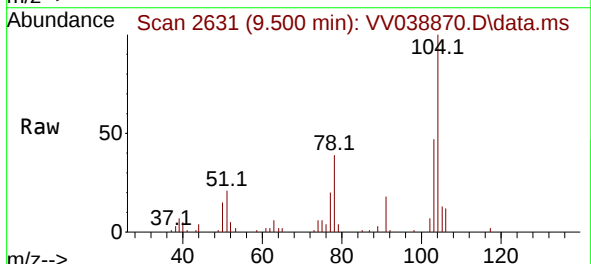
Instrument :
MSVOA_V
ClientSampleId :
MDL03

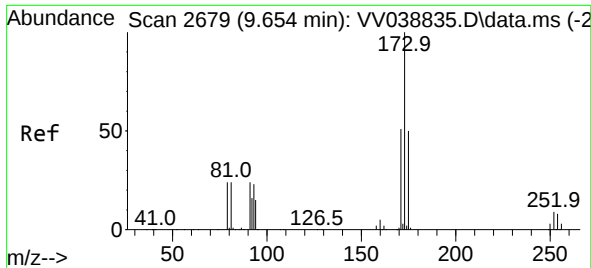
Tgt Ion:106 Resp: 20065
Ion Ratio Lower Upper
106 100
91 212.7 107.6 322.8



#70
Styrene
Concen: 2.017 ug/l
RT: 9.500 min Scan# 2631
Delta R.T. 0.016 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion:104 Resp: 30845
Ion Ratio Lower Upper
104 100
78 46.8 39.9 59.9
103 55.0 43.4 65.0

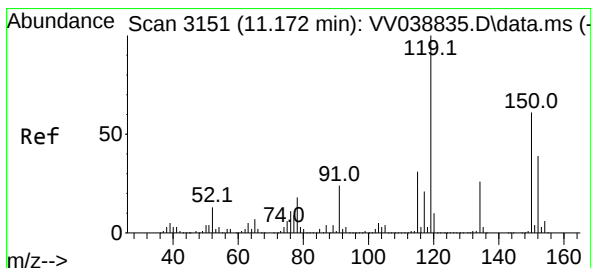
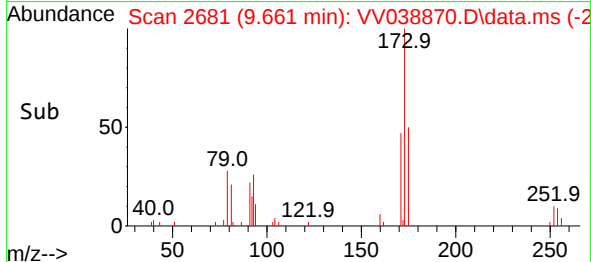
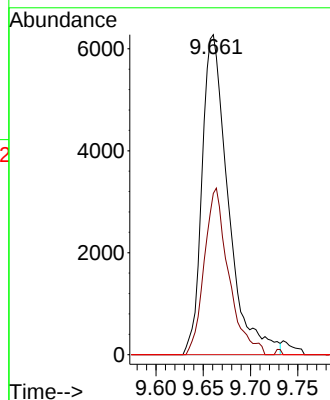
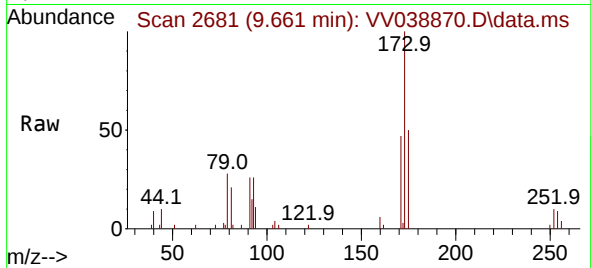




#71
Bromoform
Concen: 2.606 ug/l
RT: 9.661 min Scan# 20
Delta R.T. 0.007 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

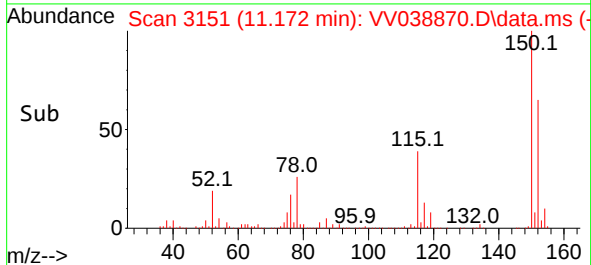
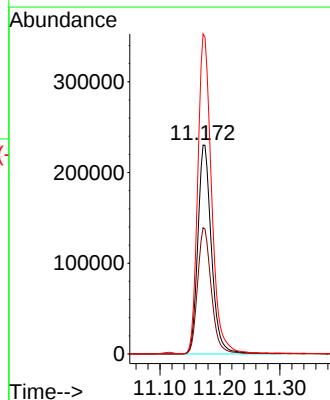
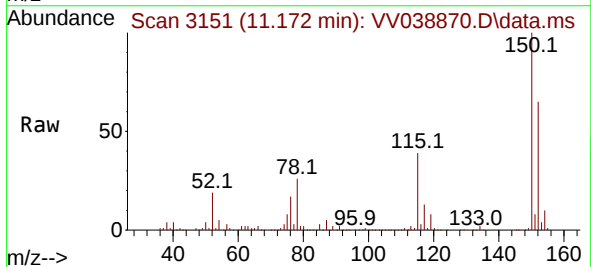
Instrument :
MSVOA_V
ClientSampleId :
MDL03

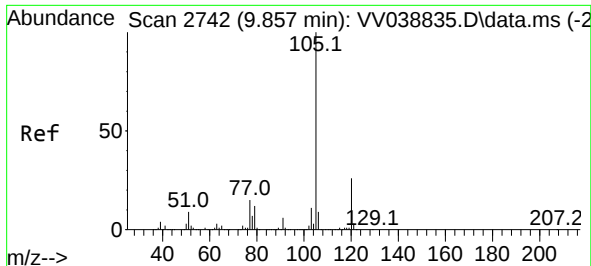
Tgt Ion:173 Resp: 12085
Ion Ratio Lower Upper
173 100
175 48.4 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion:152 Resp: 364754
Ion Ratio Lower Upper
152 100
115 61.2 42.0 126.0
150 154.0 0.0 343.6

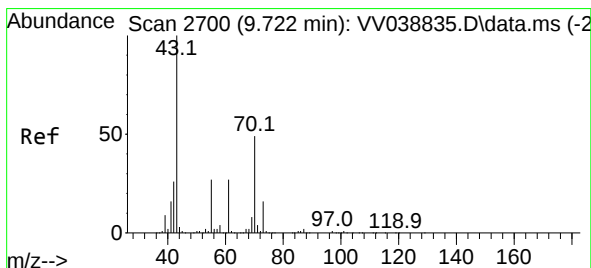
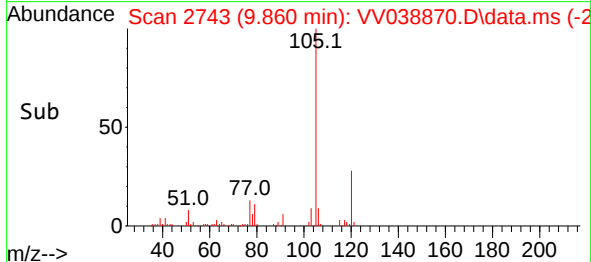
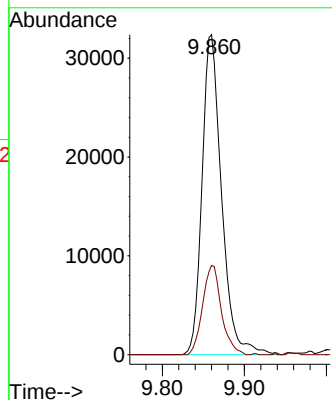
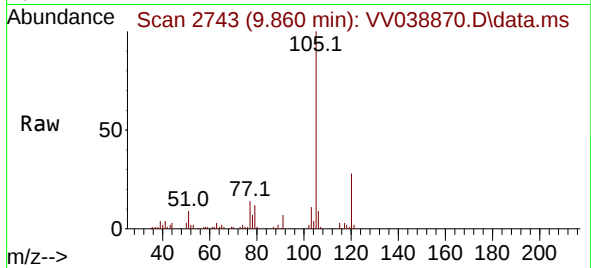




#73
Isopropylbenzene
Concen: 2.498 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

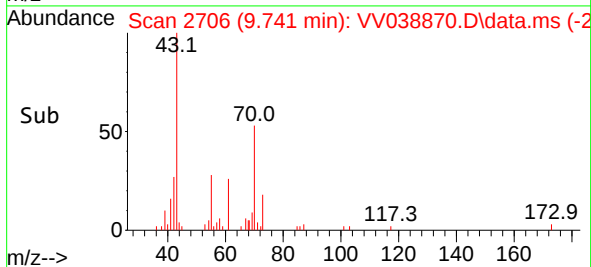
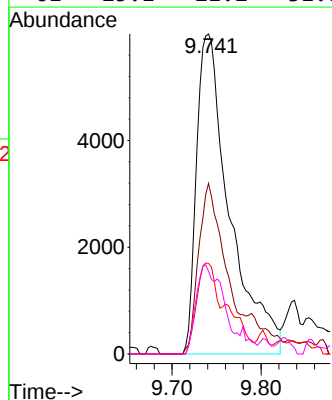
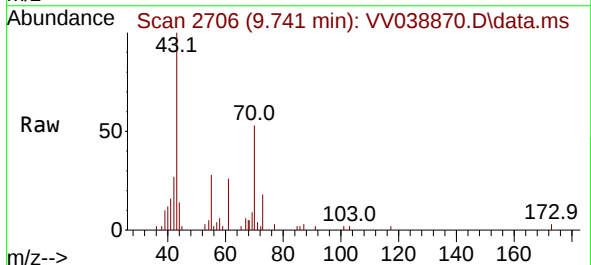
Instrument :
MSVOA_V
ClientSampleId :
MDL03

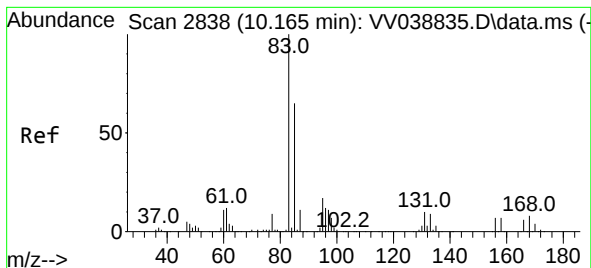
Tgt Ion:105 Resp: 53472
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.3



#74
N-ethyl acetate
Concen: 2.067 ug/l
RT: 9.741 min Scan# 2706
Delta R.T. 0.019 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 43 Resp: 15489
Ion Ratio Lower Upper
43 100
70 43.2 39.7 59.5
55 18.1 22.1 33.1#
61 25.1 21.2 31.8





#75

1,1,2,2-Tetrachloroethane

Concen: 3.123 ug/l

RT: 10.169 min Scan# 2838

Delta R.T. 0.003 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

MDL03

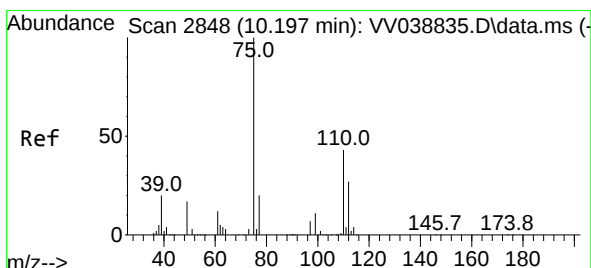
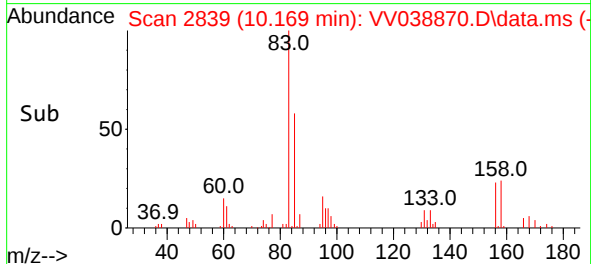
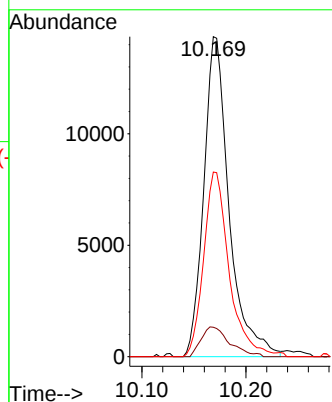
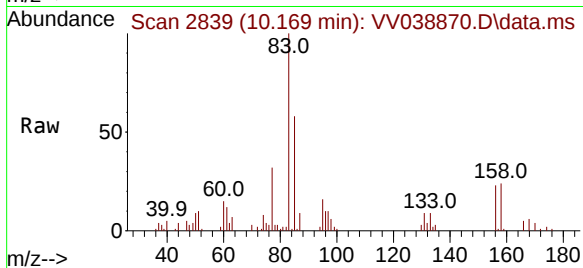
Tgt Ion: 83 Resp: 24238

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

85 58.4 31.6 95.0



#76

1,2,3-Trichloropropane

Concen: 2.730 ug/l

RT: 10.204 min Scan# 2850

Delta R.T. 0.007 min

Lab File: VV038870.D

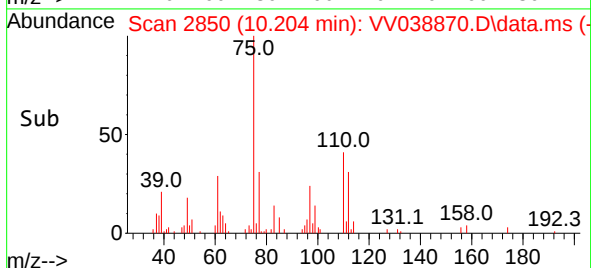
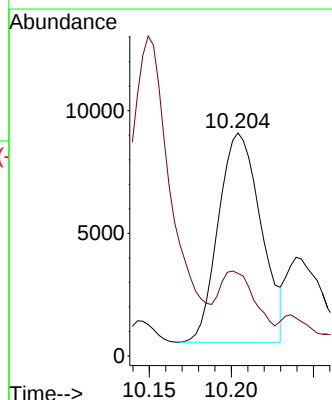
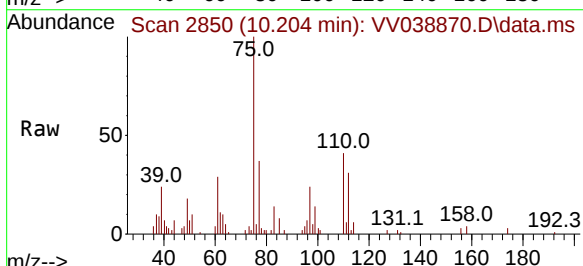
Acq: 07 Jul 2025 15:25

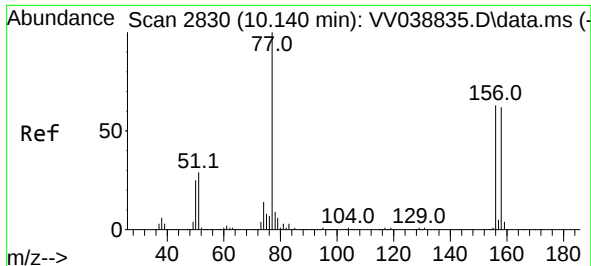
Tgt Ion: 75 Resp: 15408

Ion Ratio Lower Upper

75 100

77 33.3 11.7 35.1

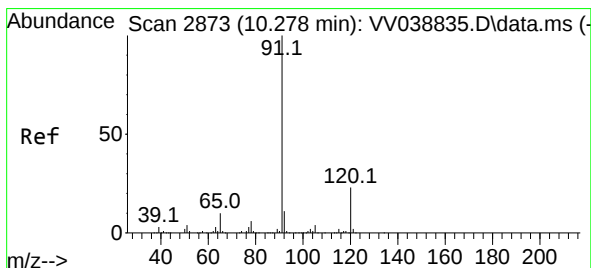
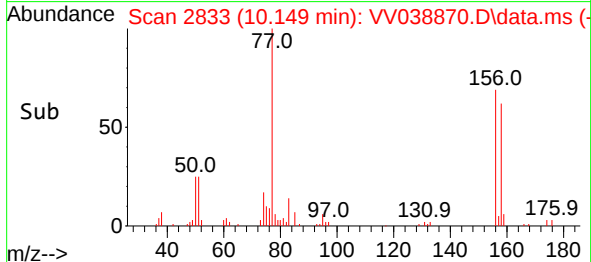
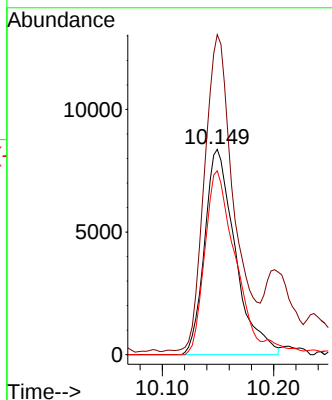
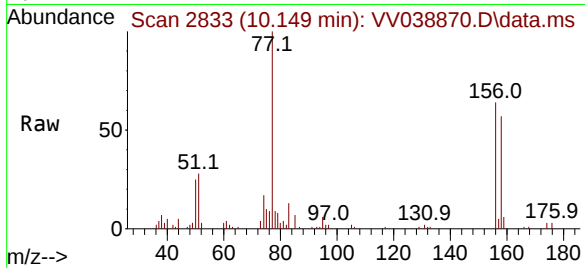




#77
Bromobenzene
Concen: 2.899 ug/l
RT: 10.149 min Scan# 2833
Delta R.T. 0.010 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

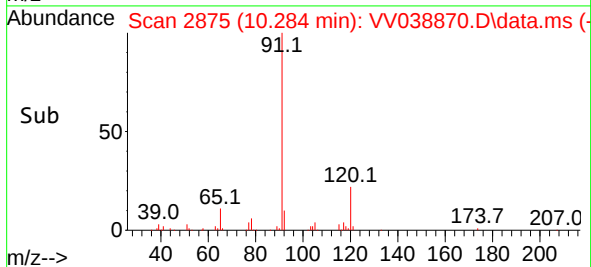
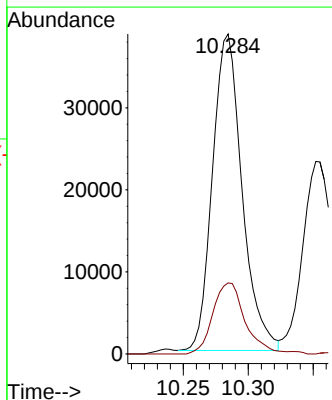
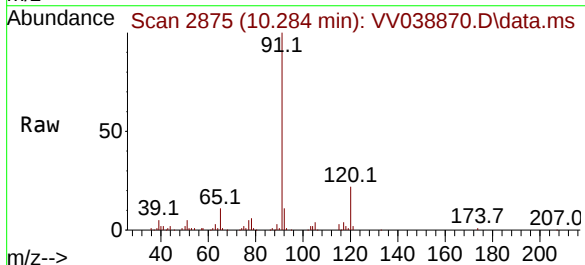
Instrument :
MSVOA_V
ClientSampleId :
MDL03

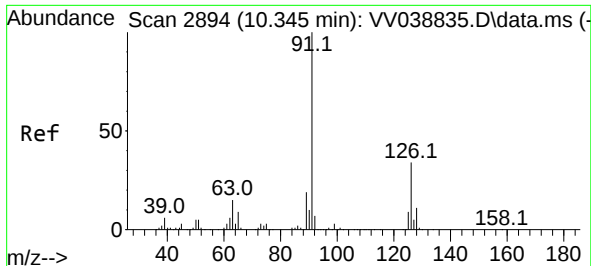
Tgt Ion:156 Resp: 16008
Ion Ratio Lower Upper
156 100
77 148.1 77.0 230.8
158 87.6 48.8 146.3



#78
n-propylbenzene
Concen: 2.394 ug/l
RT: 10.284 min Scan# 2875
Delta R.T. 0.007 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 91 Resp: 60996
Ion Ratio Lower Upper
91 100
120 24.7 11.7 35.0

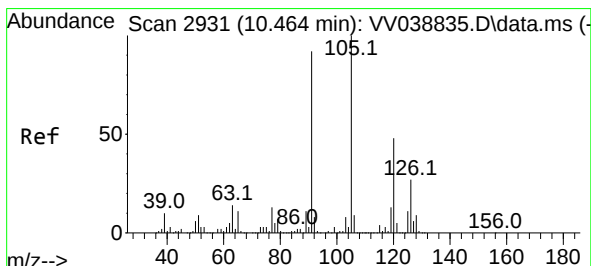
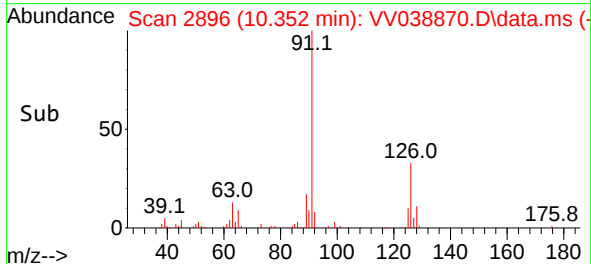
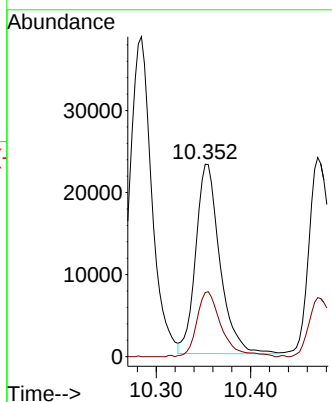
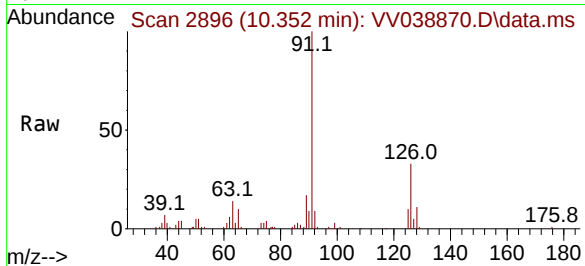




#79
2-Chlorotoluene
Concen: 2.649 ug/l
RT: 10.352 min Scan# 2896
Delta R.T. 0.007 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

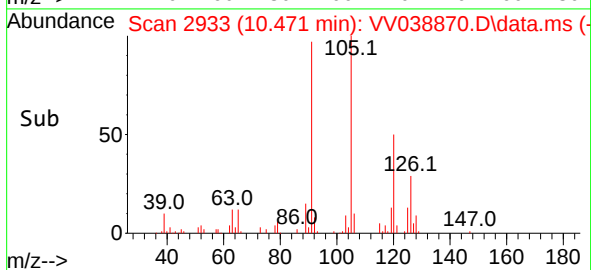
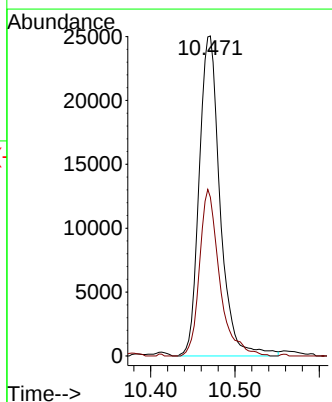
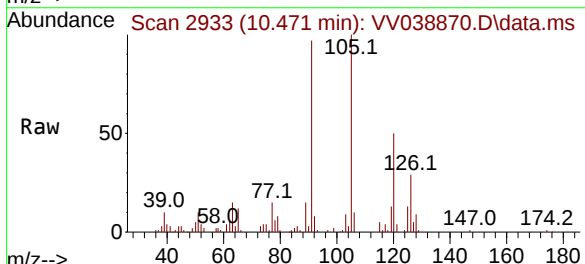
Instrument :
MSVOA_V
ClientSampleId :
MDL03

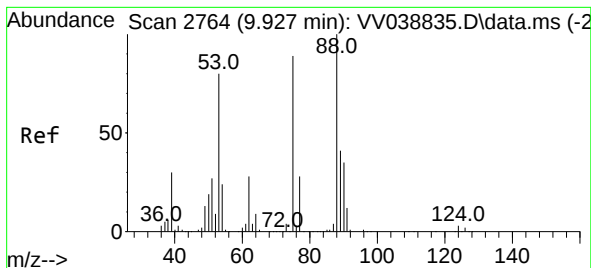
Tgt Ion: 91 Resp: 40986
Ion Ratio Lower Upper
91 100
126 34.9 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 2.364 ug/l
RT: 10.471 min Scan# 2933
Delta R.T. 0.007 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion: 105 Resp: 43271
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 2.132 ug/l

RT: 9.937 min Scan# 21

Delta R.T. 0.010 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

MDL03

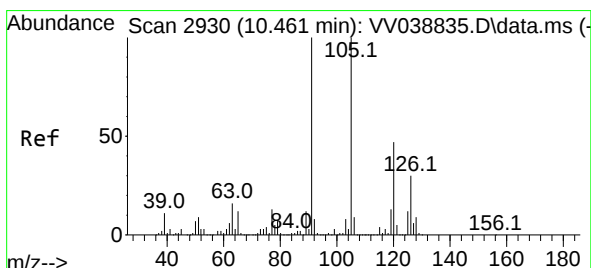
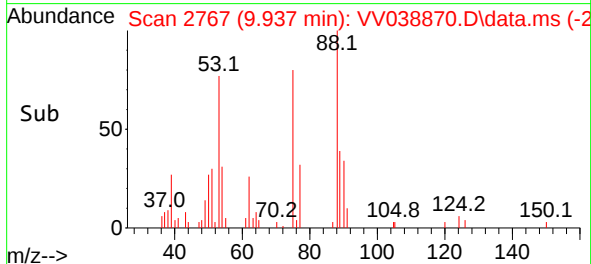
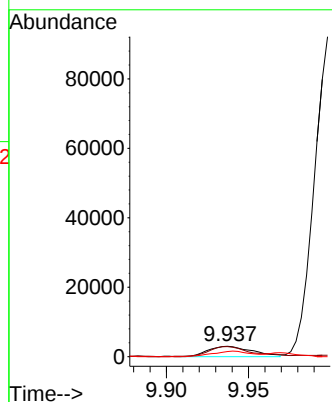
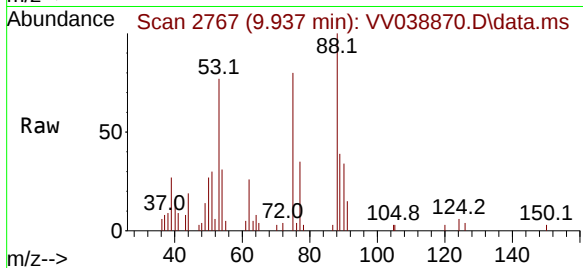
Tgt Ion: 75 Resp: 5653

Ion Ratio Lower Upper

75 100

53 96.5 71.2 106.8

89 46.3 44.6 66.8



#82

4-Chlorotoluene

Concen: 2.495 ug/l

RT: 10.471 min Scan# 2933

Delta R.T. 0.010 min

Lab File: VV038870.D

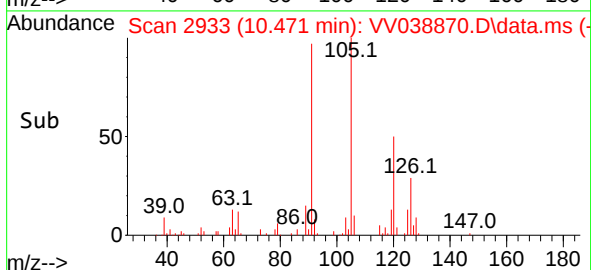
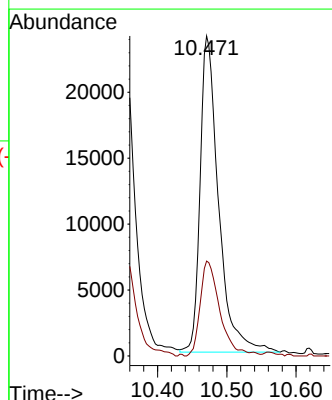
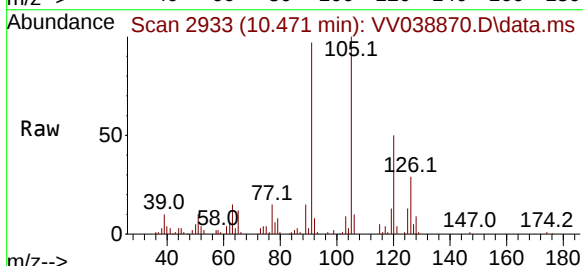
Acq: 07 Jul 2025 15:25

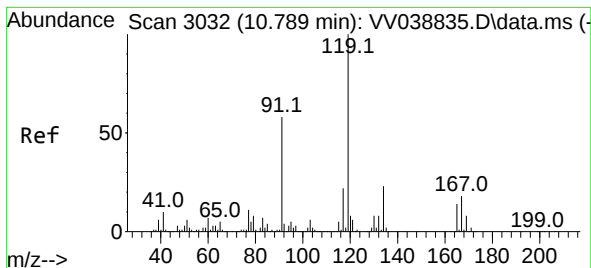
Tgt Ion: 91 Resp: 44501

Ion Ratio Lower Upper

91 100

126 31.5 14.8 44.3





#83

tert-Butylbenzene

Concen: 2.387 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

MDL03

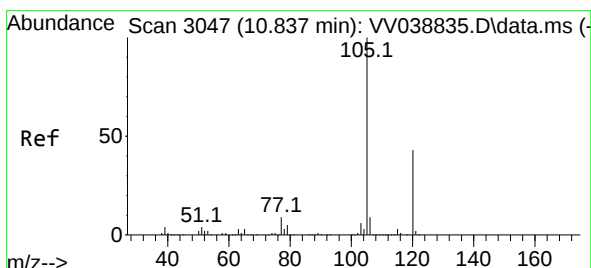
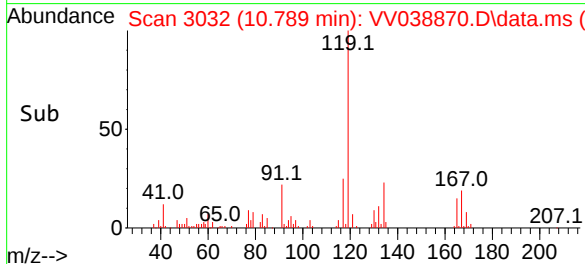
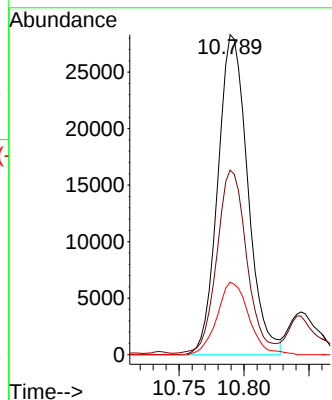
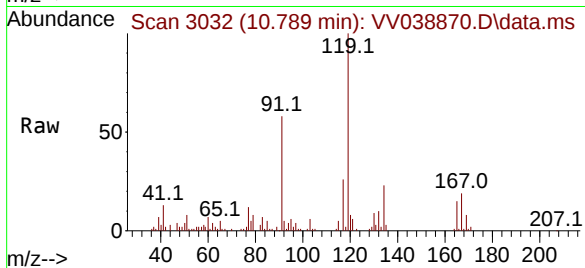
Tgt Ion:119 Resp: 45321

Ion Ratio Lower Upper

119 100

91 56.8 28.5 85.5

134 24.0 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 2.275 ug/l

RT: 10.844 min Scan# 3049

Delta R.T. 0.007 min

Lab File: VV038870.D

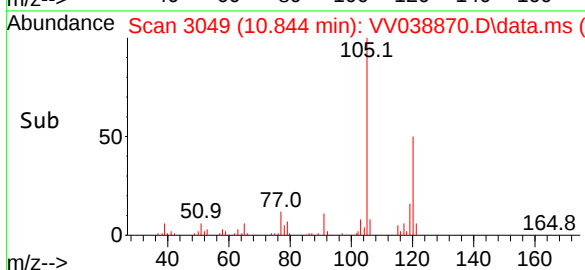
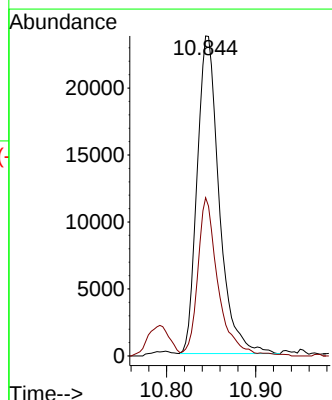
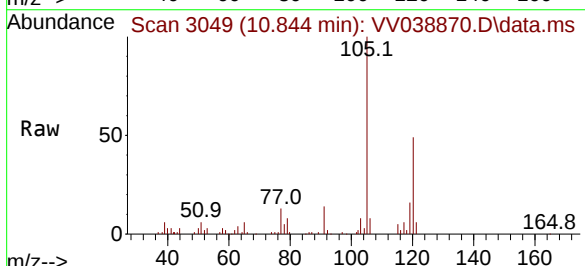
Acq: 07 Jul 2025 15:25

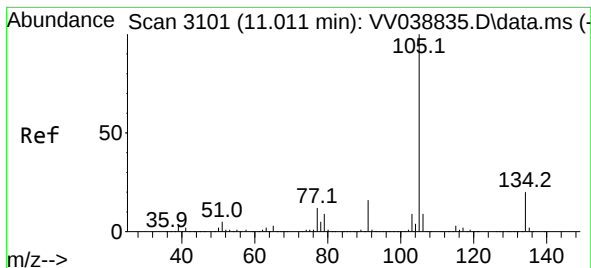
Tgt Ion:105 Resp: 40807

Ion Ratio Lower Upper

105 100

120 43.8 22.7 68.0





#85

sec-Butylbenzene

Concen: 2.304 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

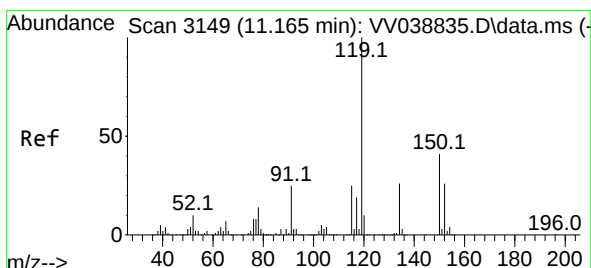
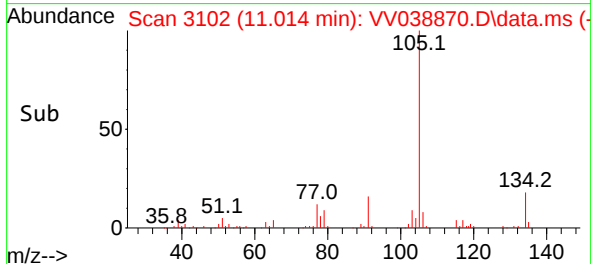
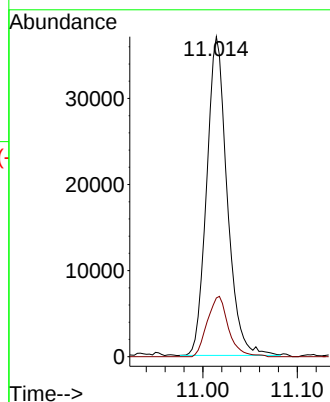
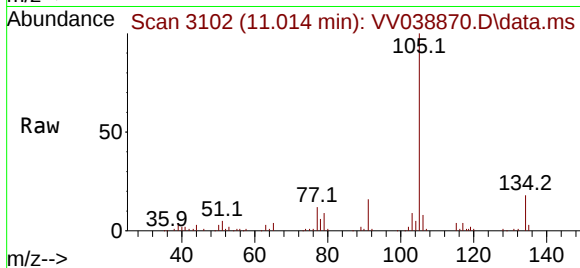
MDL03

Tgt Ion:105 Resp: 55681

Ion Ratio Lower Upper

105 100

134 19.6 10.0 30.0



#86

p-Isopropyltoluene

Concen: 2.266 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.007 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

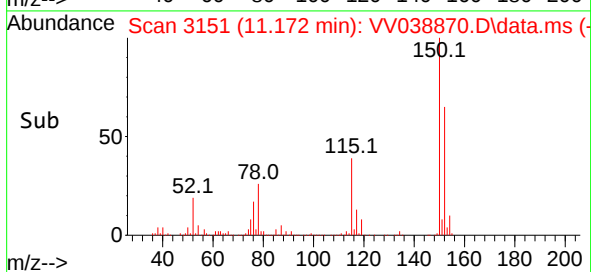
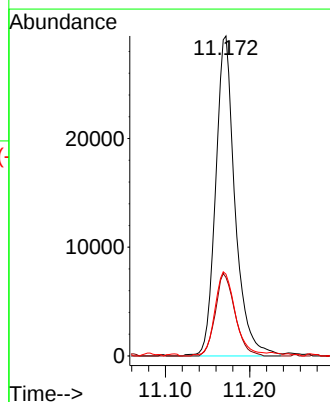
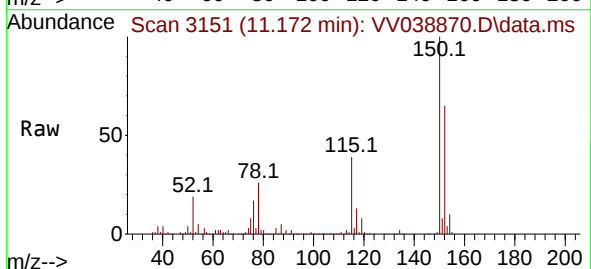
Tgt Ion:119 Resp: 46951

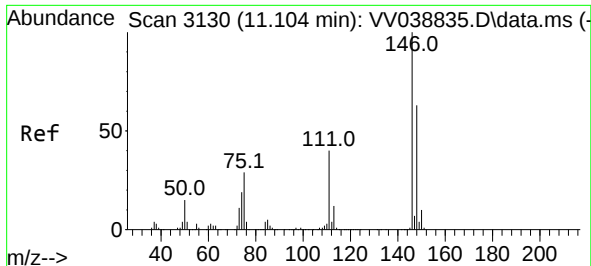
Ion Ratio Lower Upper

119 100

134 25.9 13.0 39.0

91 27.9 12.4 37.0

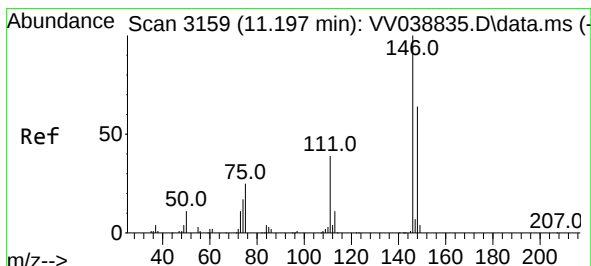
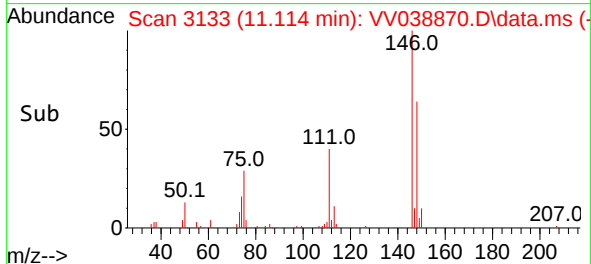
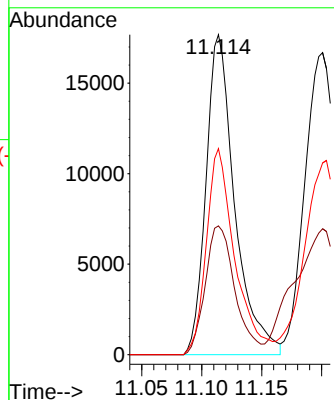
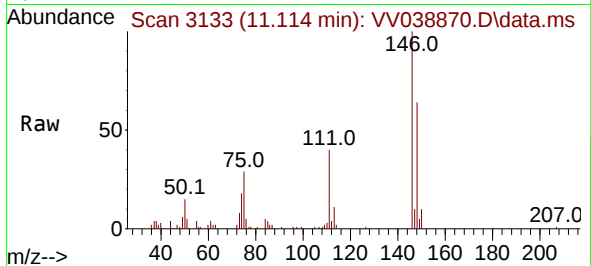




#87
1,3-Dichlorobenzene
Concen: 2.624 ug/l
RT: 11.114 min Scan# 3133
Delta R.T. 0.010 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

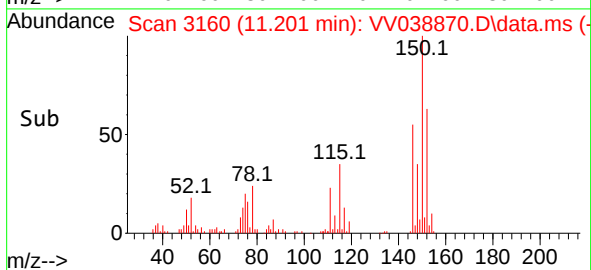
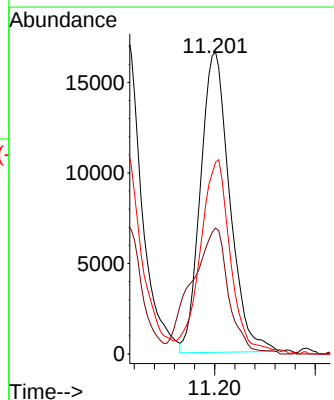
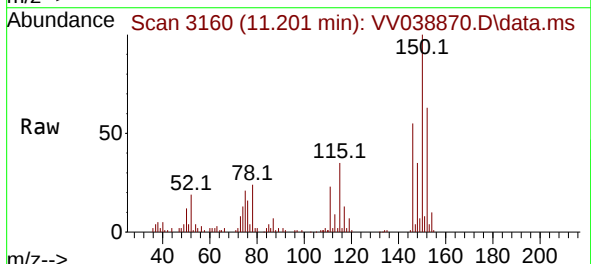
Instrument :
MSVOA_V
ClientSampleId :
MDL03

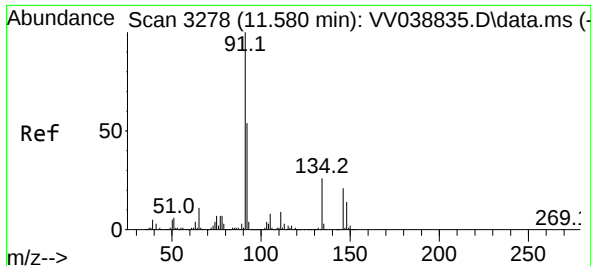
Tgt Ion:146 Resp: 29458
Ion Ratio Lower Upper
146 100
111 41.6 20.2 60.6
148 63.9 31.3 93.8



#88
1,4-Dichlorobenzene
Concen: 2.830 ug/l
RT: 11.201 min Scan# 3160
Delta R.T. 0.003 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion:146 Resp: 33479
Ion Ratio Lower Upper
146 100
111 53.7 19.8 59.3
148 67.5 32.0 96.2





#89

n-Butylbenzene

Concen: 2.141 ug/l

RT: 11.583 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

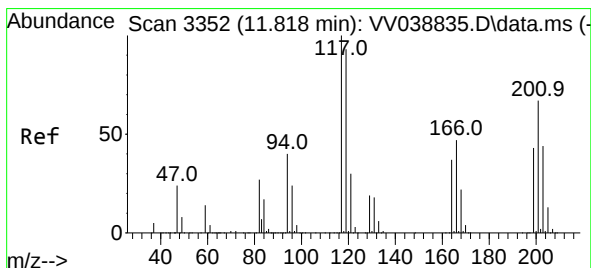
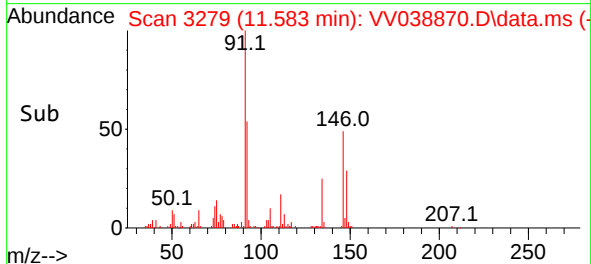
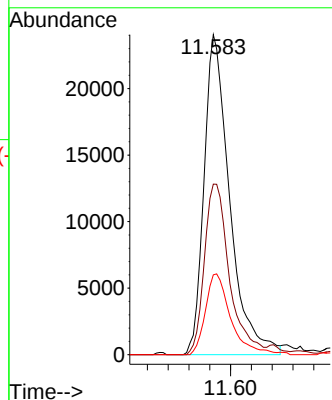
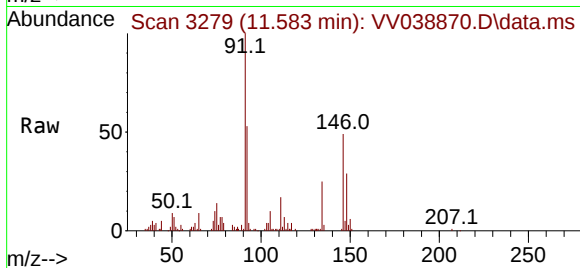
Instrument :

MSVOA_V

ClientSampleId :

MDL03

Tgt Ion:	91	Resp:	41112
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.7	80.0
134	25.1	12.9	38.7



#90

Hexachloroethane

Concen: 2.688 ug/l

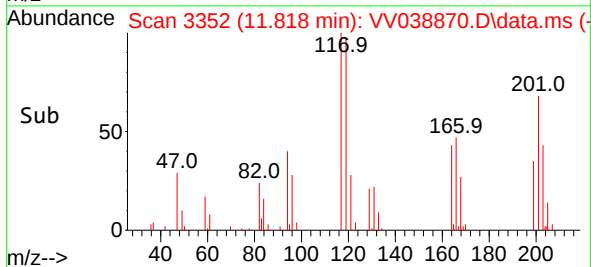
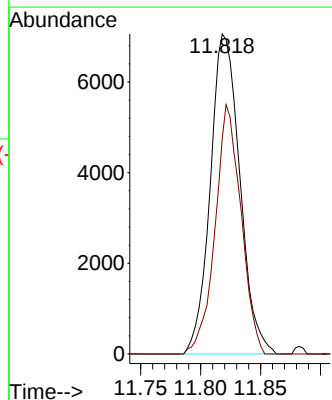
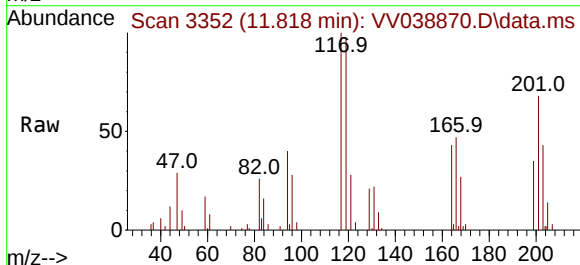
RT: 11.818 min Scan# 3352

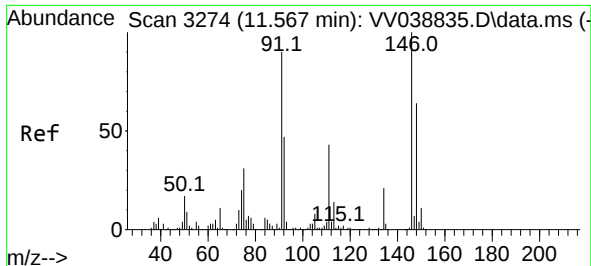
Delta R.T. 0.000 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Tgt Ion:	117	Resp:	12088
Ion	Ratio	Lower	Upper
117	100		
201	68.1	34.4	103.1

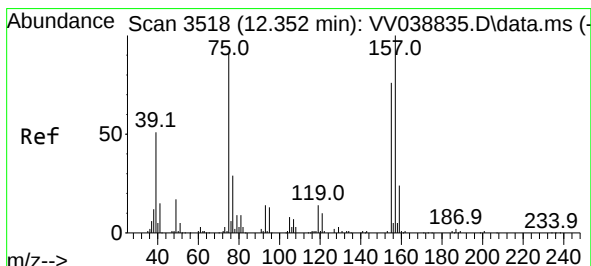
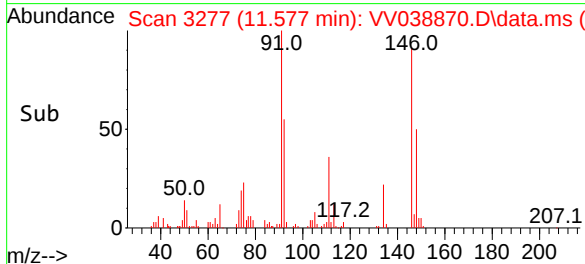
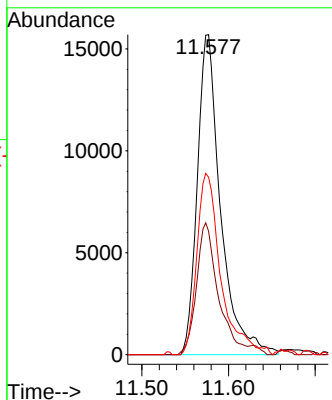
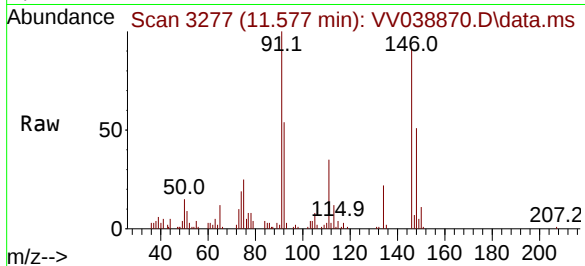




#91
1,2-Dichlorobenzene
Concen: 2.773 ug/l
RT: 11.577 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

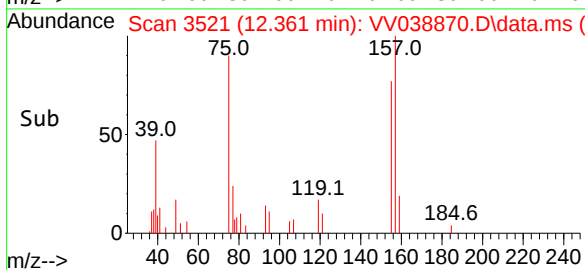
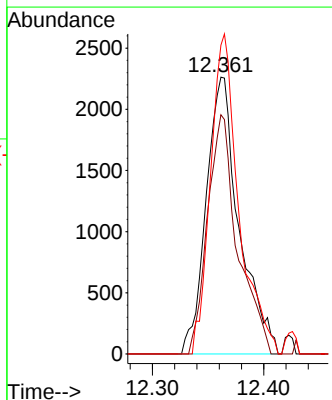
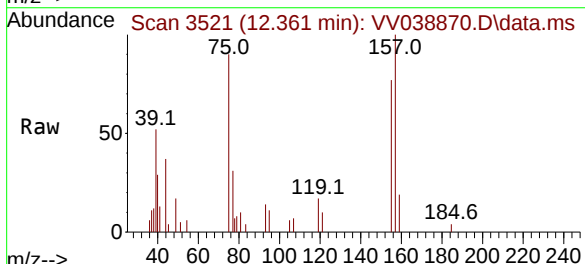
Instrument :
MSVOA_V
ClientSampleId :
MDL03

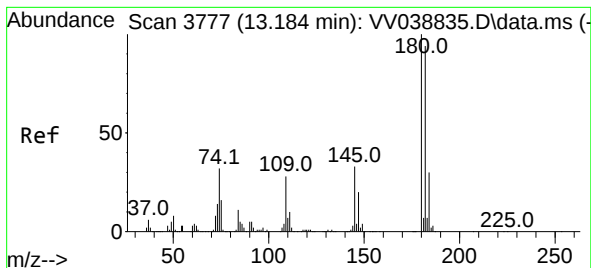
Tgt Ion:	146	Resp:	29339
Ion	Ratio	Lower	Upper
146	100		
111	38.6	21.3	63.7
148	57.4	32.0	96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.839 ug/l
RT: 12.361 min Scan# 3521
Delta R.T. 0.010 min
Lab File: VV038870.D
Acq: 07 Jul 2025 15:25

Tgt Ion:	75	Resp:	4665
Ion	Ratio	Lower	Upper
75	100		
155	78.6	43.2	129.6
157	99.4	54.9	164.5





#93

1,2,4-Trichlorobenzene

Concen: 2.158 ug/l

RT: 13.191 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

MDL03

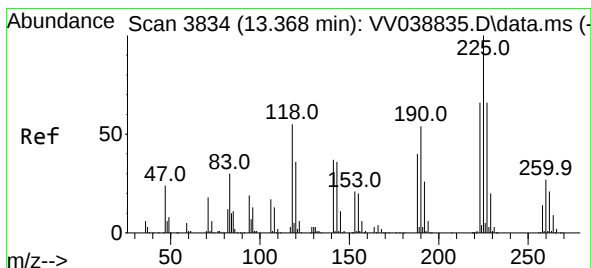
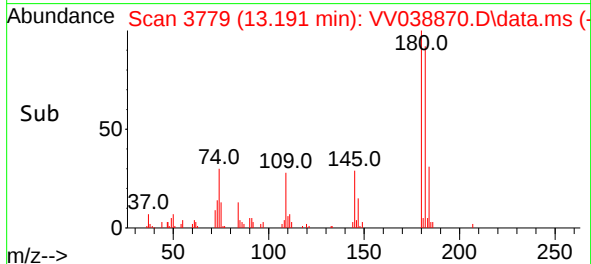
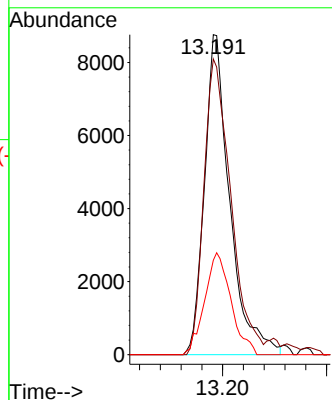
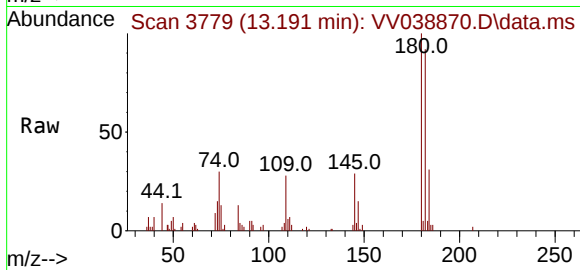
Tgt Ion:180 Resp: 14803

Ion Ratio Lower Upper

180 100

182 98.0 47.6 142.8

145 33.1 16.4 49.1



#94

Hexachlorobutadiene

Concen: 2.376 ug/l

RT: 13.371 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

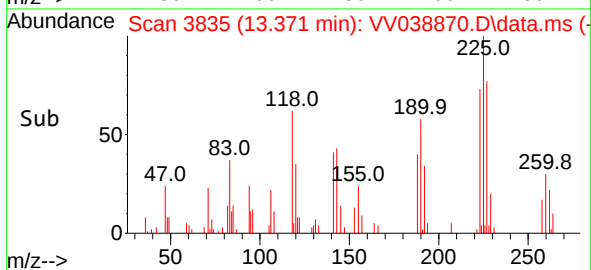
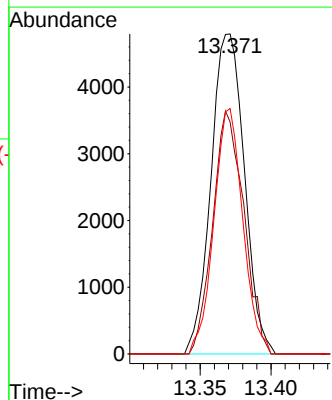
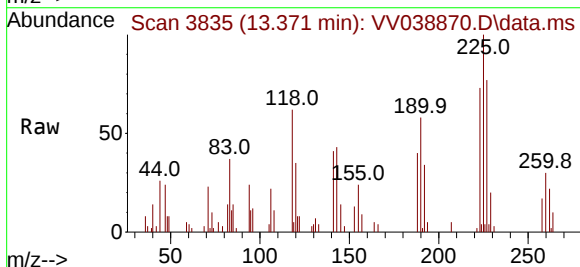
Tgt Ion:225 Resp: 7864

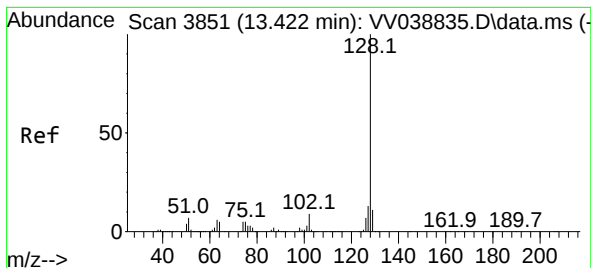
Ion Ratio Lower Upper

225 100

223 70.9 33.2 99.6

227 66.6 32.3 96.8





#95

Naphthalene

Concen: 1.947 ug/l

RT: 13.432 min Scan# 3854

Delta R.T. 0.010 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Instrument :

MSVOA_V

ClientSampleId :

MDL03

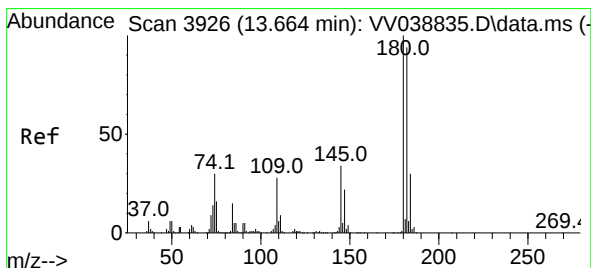
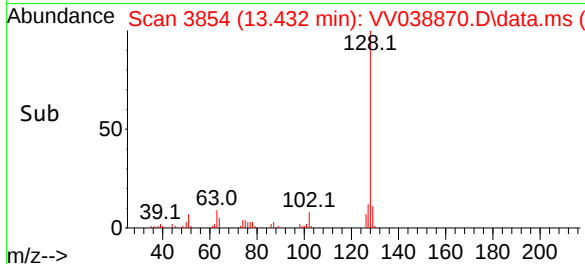
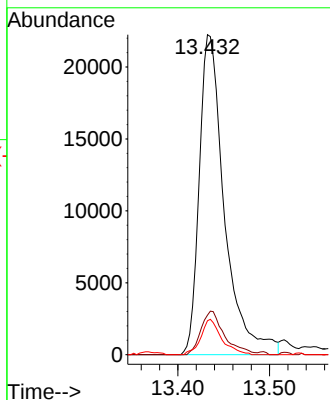
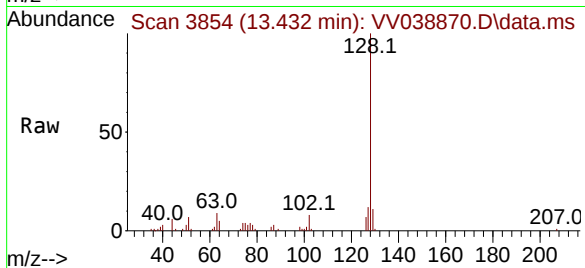
Tgt Ion:128 Resp: 42479

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 9.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.124 ug/l

RT: 13.673 min Scan# 3929

Delta R.T. 0.010 min

Lab File: VV038870.D

Acq: 07 Jul 2025 15:25

Tgt Ion:180 Resp: 15038

Ion Ratio Lower Upper

180 100

182 99.3 47.3 141.9

145 40.1 17.1 51.2

