

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV070725\
 Data File : VV038871.D
 Acq On : 07 Jul 2025 15:47
 Operator : SY/MD
 Sample : MDL04
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

Quant Time: Jul 08 02:42:35 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	4.603	168	443172	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	743336	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	692694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	344520	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	280745	56.524	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 113.040%	
35) Dibromofluoromethane	4.503	113	250112	53.120	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 106.240%	
50) Toluene-d8	7.236	98	729469	47.885	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 95.780%	
62) 4-Bromofluorobenzene	10.002	95	309205	50.239	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 100.480%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.121	85	11181	2.658	ug/l	97
3) Chloromethane	1.230	50	13664	2.647	ug/l	97
4) Vinyl Chloride	1.298	62	12763	2.659	ug/l	99
5) Bromomethane	1.497	94	12786	4.365	ug/l	94
6) Chloroethane	1.558	64	9167	2.849	ug/l	97
7) Trichlorofluoromethane	1.729	101	22846	2.690	ug/l	92
8) Diethyl Ether	1.921	74	8088	2.737	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.082	101	13442	2.799	ug/l	98
10) Methyl Iodide	2.198	142	11530	1.892	ug/l	95
11) Tert butyl alcohol	2.571	59	9717	14.988	ug/l #	90
12) 1,1-Dichloroethene	2.082	96	12762	2.796	ug/l	97
13) Acrolein	2.015	56	2416	14.924	ug/l #	79
14) Allyl chloride	2.362	41	17883	2.914	ug/l #	91
15) Acrylonitrile	2.690	53	29924	13.195	ug/l	96
16) Acetone	2.124	43	29076	17.567	ug/l	98
17) Carbon Disulfide	2.253	76	30455	2.881	ug/l	95
18) Methyl Acetate	2.394	43	12911	2.288	ug/l #	87
19) Methyl tert-butyl Ether	2.712	73	36895	2.615	ug/l	99
20) Methylene Chloride	2.458	84	17435	3.187	ug/l	96
21) trans-1,2-Dichloroethene	2.712	96	12266	2.687	ug/l	92
22) Diisopropyl ether	3.224	45	31993	2.543	ug/l #	66
23) Vinyl Acetate	3.211	43	104266	11.491	ug/l	94
24) 1,1-Dichloroethane	3.127	63	24201	2.853	ug/l	95
25) 2-Butanone	3.925	43	13300	5.434	ug/l	100
26) 2,2-Dichloropropane	3.815	77	21004	2.672	ug/l	99
27) cis-1,2-Dichloroethene	3.844	96	15104	2.840	ug/l	95
28) Bromochloromethane	4.166	49	9802	2.704	ug/l	100
29) Tetrahydrofuran	4.256	42	20854	12.580	ug/l #	84
30) Chloroform	4.288	83	25371	2.745	ug/l	94
31) Cyclohexane	4.587	56	25696	3.825	ug/l #	79
32) 1,1,1-Trichloroethane	4.516	97	25121	2.929	ug/l	95
36) 1,1-Dichloropropene	4.764	75	15121	2.647	ug/l #	81
37) Ethyl Acetate	3.925	43	13300	2.281	ug/l #	65
38) Carbon Tetrachloride	4.738	117	21970	2.921	ug/l	96
39) Methylcyclohexane	6.050	83	19066	2.552	ug/l	95
40) Benzene	5.024	78	47064	2.495	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.259	41	15256	6.094	ug/l #	32
42) 1,2-Dichloroethane	5.053	62	17901	2.680	ug/l	95
43) Isopropyl Acetate	5.214	43	18313	1.969	ug/l #	92
44) Trichloroethene	5.847	130	13526	2.747	ug/l	99
45) 1,2-Dichloropropane	6.108	63	10897	2.300	ug/l #	89
46) Dibromomethane	6.243	93	10154	2.717	ug/l	93
47) Bromodichloromethane	6.439	83	20077	2.538	ug/l	97
48) Methyl methacrylate	6.346	41	5080	1.149	ug/l #	70
49) 1,4-Dioxane	6.317	88	2240	36.541	ug/l #	93
51) 4-Methyl-2-Pentanone	7.156	43	67646	11.526	ug/l	96
52) Toluene	7.320	92	31837	2.701	ug/l	99
53) t-1,3-Dichloropropene	7.593	75	17130	2.262	ug/l	99
54) cis-1,3-Dichloropropene	6.966	75	18814	2.429	ug/l	96
55) 1,1,2-Trichloroethane	7.777	97	13442	2.608	ug/l	95
56) Ethyl methacrylate	7.738	69	13568	2.001	ug/l	94
57) 1,3-Dichloropropane	7.947	76	21635	2.664	ug/l	96
58) 2-Chloroethyl Vinyl ether	6.825	63	36588	11.883	ug/l	94
59) 2-Hexanone	8.082	43	42784	10.335	ug/l	89
60) Dibromochloromethane	8.172	129	16353	2.520	ug/l	96
61) 1,2-Dibromoethane	8.288	107	14398	2.700	ug/l	92
64) Tetrachloroethene	7.902	164	12719	2.855	ug/l	95
65) Chlorobenzene	8.812	112	38684	2.650	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.902	131	13634	2.501	ug/l	88
67) Ethyl Benzene	8.944	91	56235	2.459	ug/l	97
68) m/p-Xylenes	9.069	106	40497	4.623	ug/l	94
69) o-Xylene	9.474	106	19144	2.287	ug/l	97
70) Styrene	9.503	104	30794	2.107	ug/l	97
71) Bromoform	9.664	173	12120	2.736	ug/l #	99
73) Isopropylbenzene	9.860	105	53149	2.629	ug/l	98
74) N-amyl acetate	9.738	43	14936	2.110	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	10.172	83	22160	3.023	ug/l	99
76) 1,2,3-Trichloropropane	10.204	75	14592	2.737	ug/l	98
77) Bromobenzene	10.149	156	14591	2.797	ug/l	97
78) n-propylbenzene	10.284	91	60699	2.523	ug/l	100
79) 2-Chlorotoluene	10.352	91	39717	2.718	ug/l	99
80) 1,3,5-Trimethylbenzene	10.468	105	44118	2.552	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.944	75	5552	2.217	ug/l #	91
82) 4-Chlorotoluene	10.471	91	42170	2.503	ug/l	97
83) tert-Butylbenzene	10.792	119	45473	2.536	ug/l	98
84) 1,2,4-Trimethylbenzene	10.847	105	38495	2.272	ug/l	98
85) sec-Butylbenzene	11.014	105	55447	2.429	ug/l	100
86) p-Isopropyltoluene	11.172	119	48968	2.502	ug/l	99
87) 1,3-Dichlorobenzene	11.114	146	27321	2.576	ug/l	98
88) 1,4-Dichlorobenzene	11.201	146	33233	2.974	ug/l	91
89) n-Butylbenzene	11.587	91	40781	2.248	ug/l	100
90) Hexachloroethane	11.821	117	12165	2.864	ug/l	97
91) 1,2-Dichlorobenzene	11.577	146	27297	2.731	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.362	75	4860	3.132	ug/l	86
93) 1,2,4-Trichlorobenzene	13.194	180	14860	2.294	ug/l	96
94) Hexachlorobutadiene	13.368	225	8526	2.727	ug/l	92
95) Naphthalene	13.432	128	44237	2.146	ug/l	97
96) 1,2,3-Trichlorobenzene	13.673	180	15203	2.274	ug/l	99

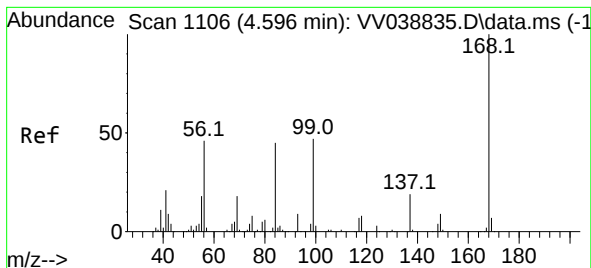
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.603 min Scan# 11

Delta R.T. 0.007 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

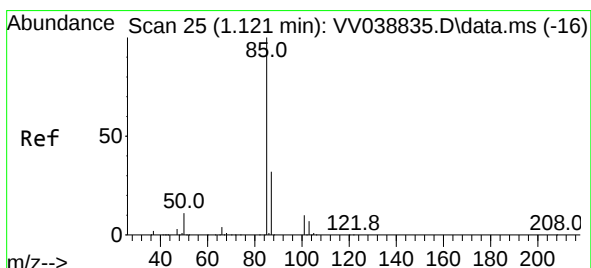
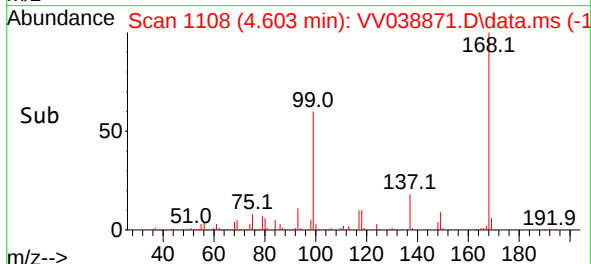
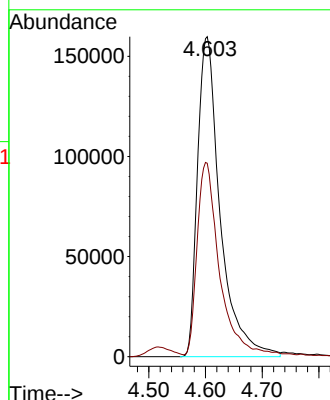
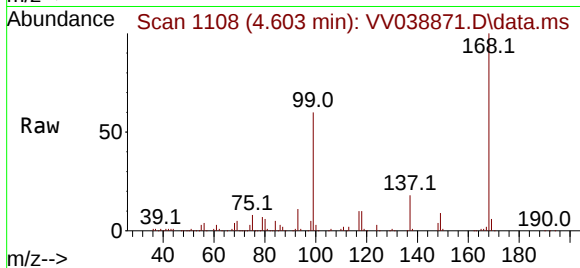
MDL04

Tgt Ion:168 Resp: 443172

Ion Ratio Lower Upper

168 100

99 59.5 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 2.658 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038871.D

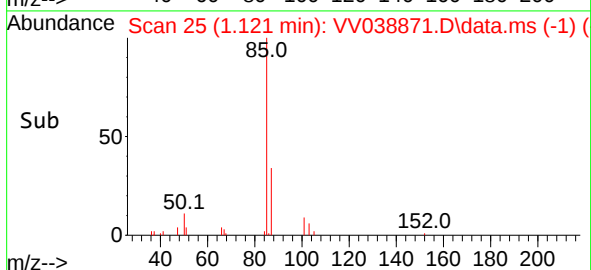
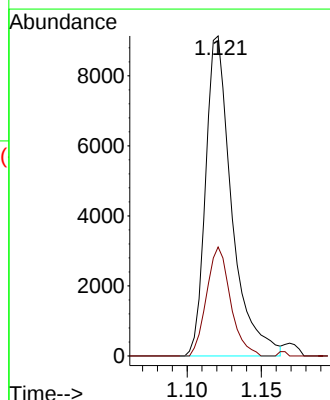
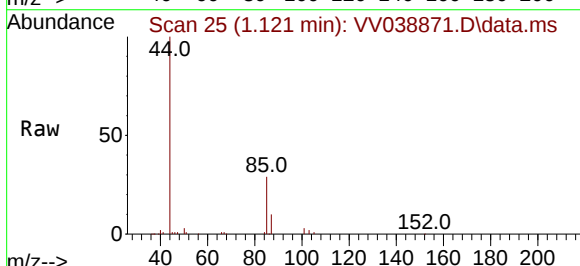
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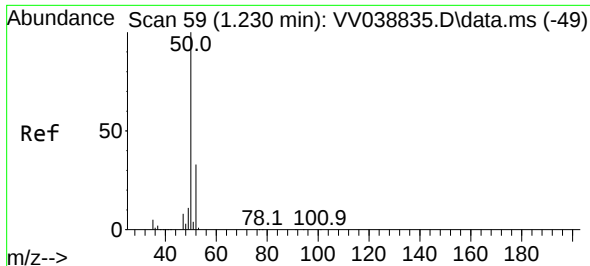
Tgt Ion: 85 Resp: 11181

Ion Ratio Lower Upper

85 100

87 34.1 16.1 48.3

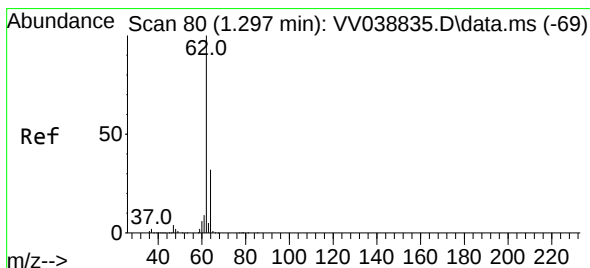
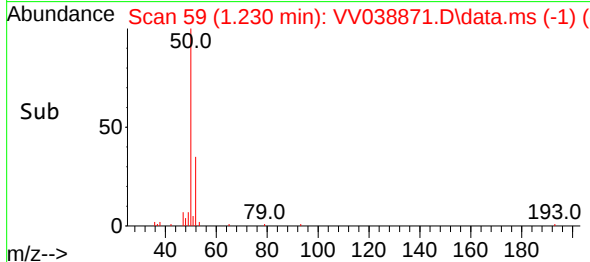
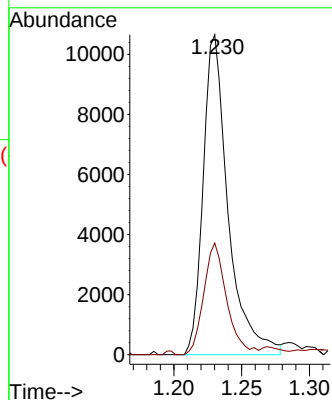
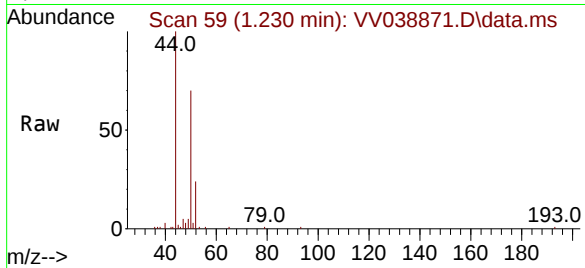




#3
Chloromethane
Concen: 2.647 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

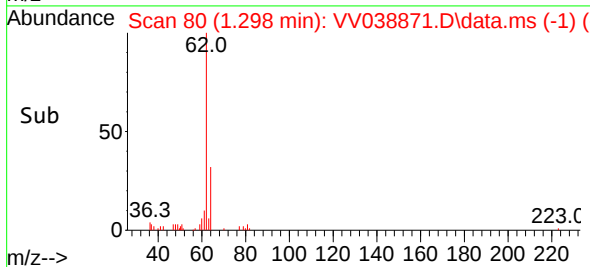
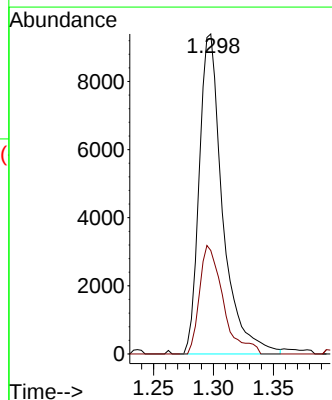
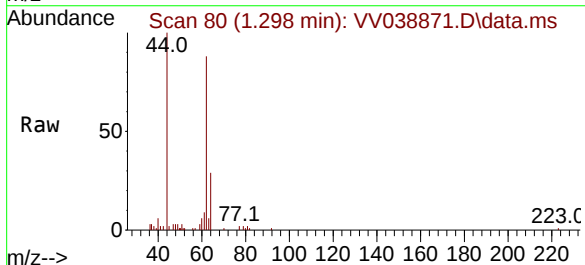
Instrument : MSVOA_V
ClientSampleId : MDL04

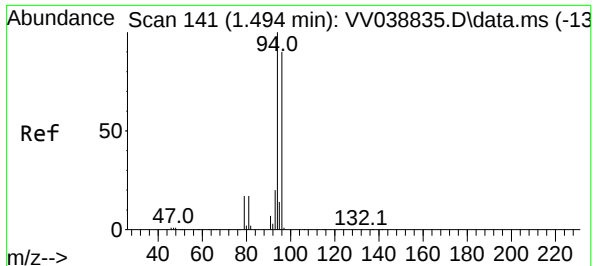
Tgt Ion	50	52
Resp	13664	34.9
Lower		26.7
Upper		40.1



#4
Vinyl Chloride
Concen: 2.659 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion	62	64
Resp	12763	32.3
Lower		25.5
Upper		38.3

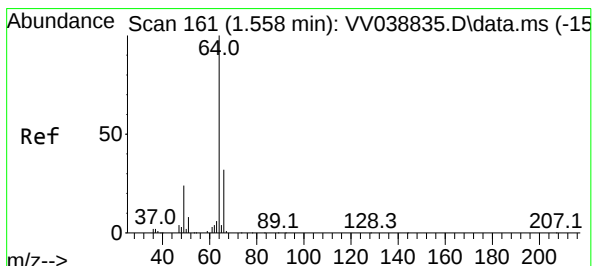
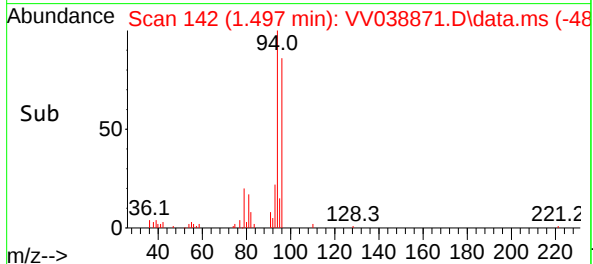
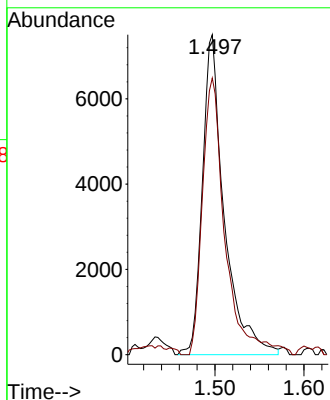
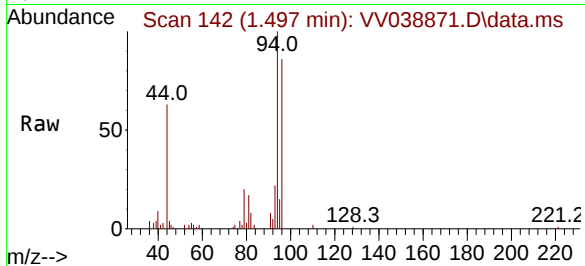




#5
Bromomethane
Concen: 4.365 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

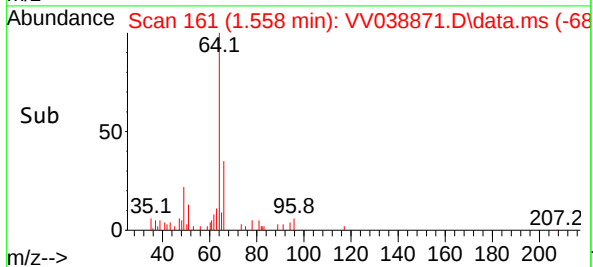
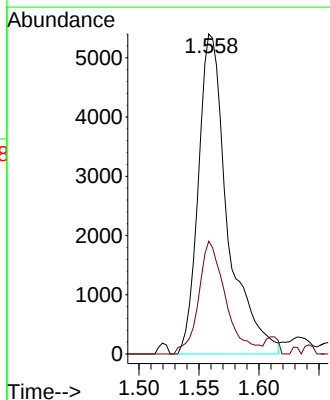
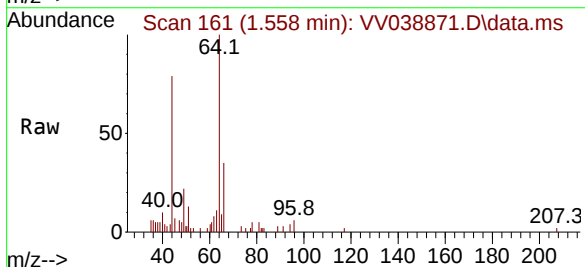
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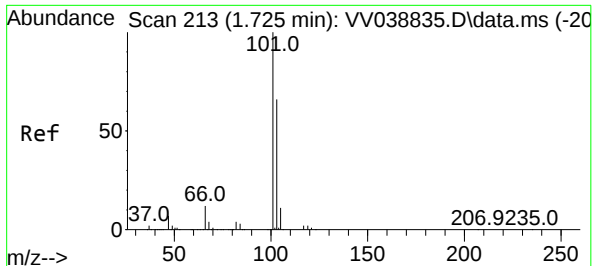
Tgt Ion: 94 Resp: 12786
Ion Ratio Lower Upper
94 100
96 85.0 72.2 108.4



#6
Chloroethane
Concen: 2.849 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion: 64 Resp: 9167
Ion Ratio Lower Upper
64 100
66 33.3 25.4 38.0

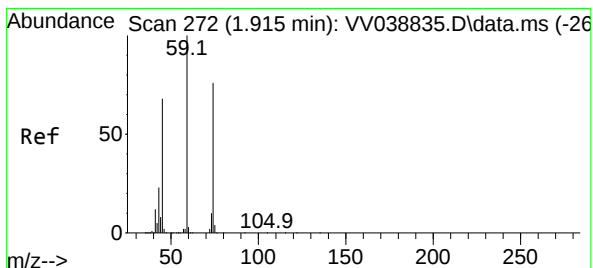
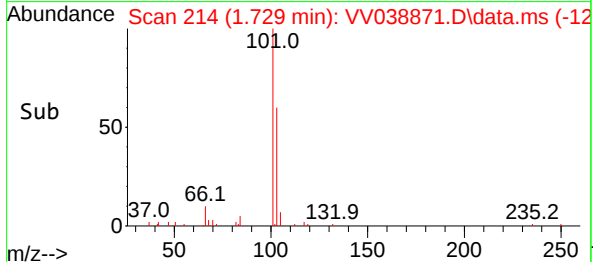
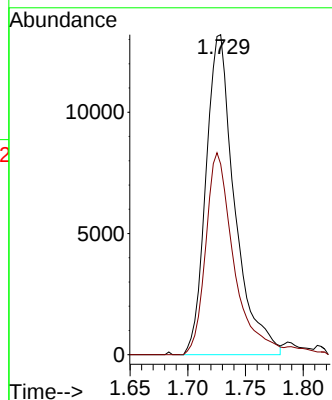
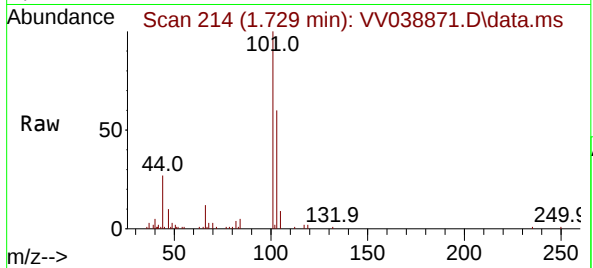




#7
 Trichlorofluoromethane
 Concen: 2.690 ug/l
 RT: 1.729 min Scan# 213
 Delta R.T. 0.003 min
 Lab File: VV038871.D
 Acq: 07 Jul 2025 15:47

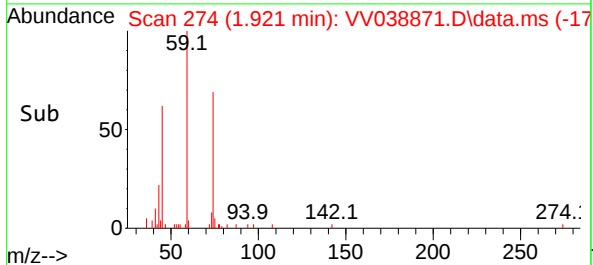
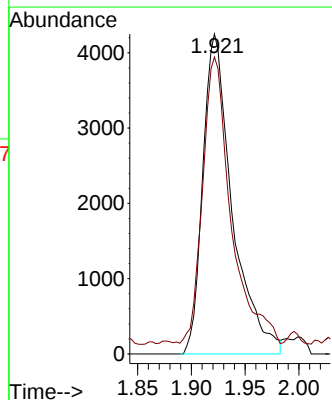
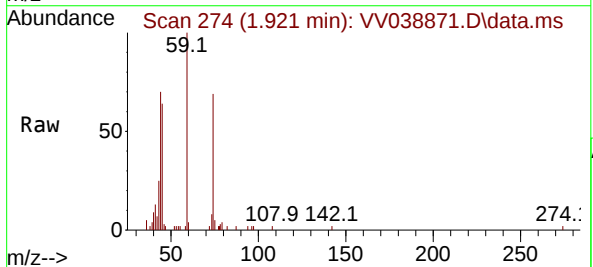
Instrument :
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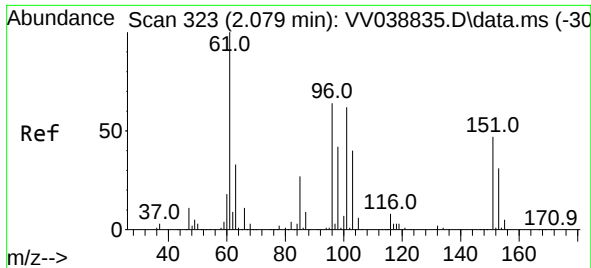
Tgt Ion:101 Resp: 22846
 Ion Ratio Lower Upper
 101 100
 103 59.5 52.8 79.2



#8
 Diethyl Ether
 Concen: 2.737 ug/l
 RT: 1.921 min Scan# 274
 Delta R.T. 0.007 min
 Lab File: VV038871.D
 Acq: 07 Jul 2025 15:47

Tgt Ion: 74 Resp: 8088
 Ion Ratio Lower Upper
 74 100
 45 86.0 43.9 131.7

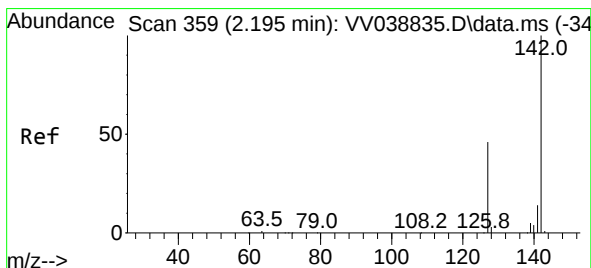
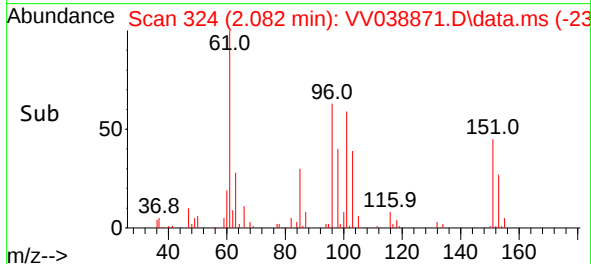
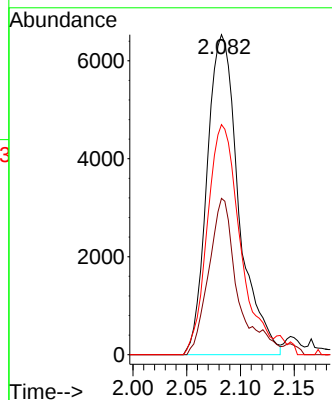
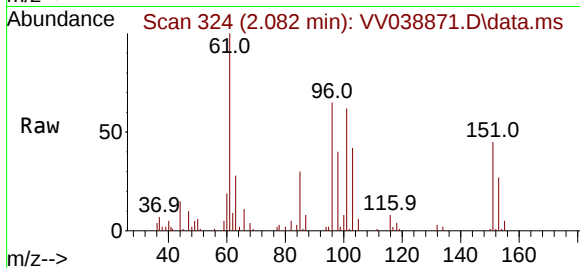




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.799 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV038871.D
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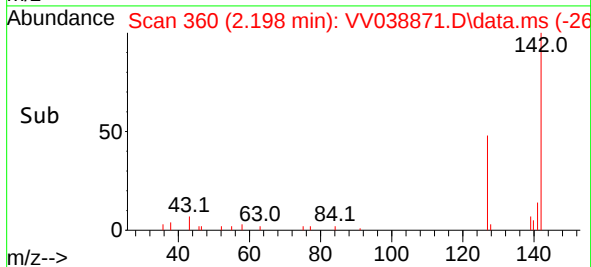
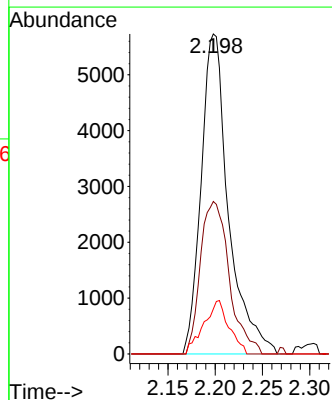
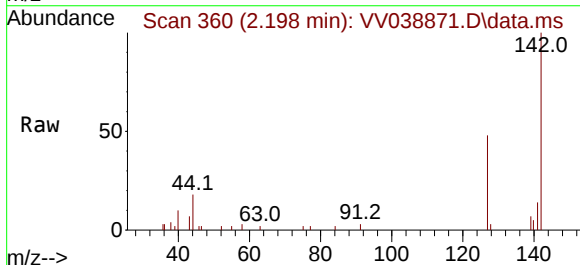
Instrument :
MSVOA_V
ClientSampleId :
MDL04

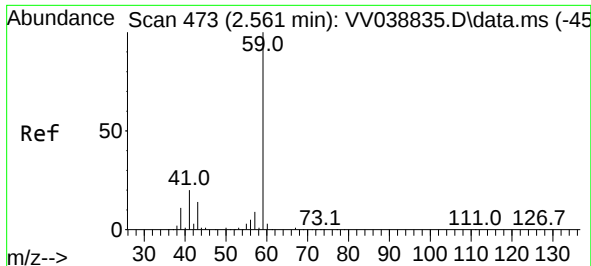
Tgt Ion:101 Resp: 13442
Ion Ratio Lower Upper
101 100
85 44.4 34.6 52.0
151 74.1 60.4 90.6



#10
Methyl Iodide
Concen: 1.892 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.003 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion:142 Resp: 11530
Ion Ratio Lower Upper
142 100
127 50.2 36.9 55.3
141 15.3 11.8 17.8

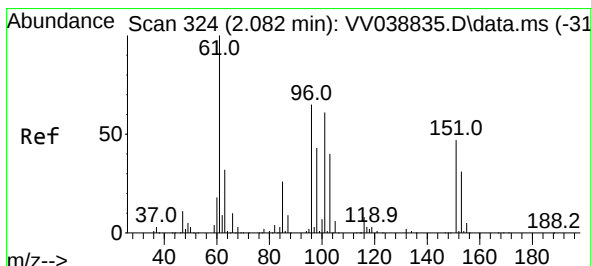
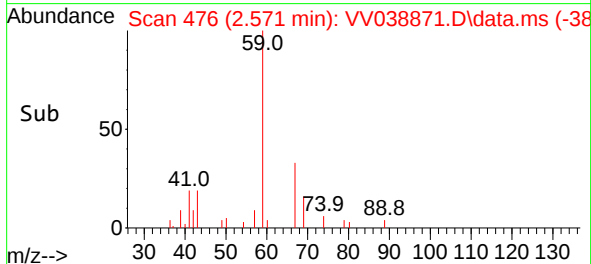
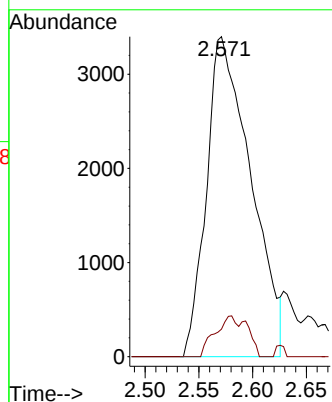
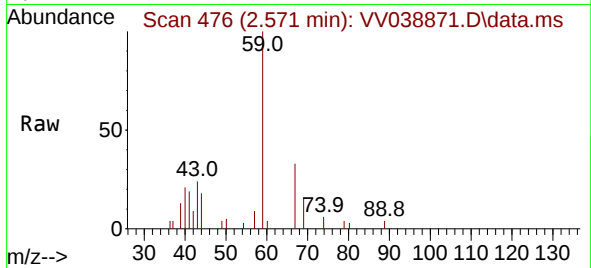




#11
Tert butyl alcohol
Concen: 14.988 ug/l
RT: 2.571 min Scan# 41
Delta R.T. 0.010 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

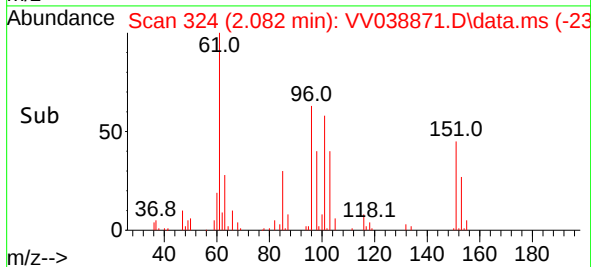
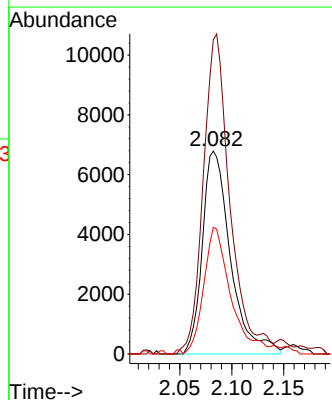
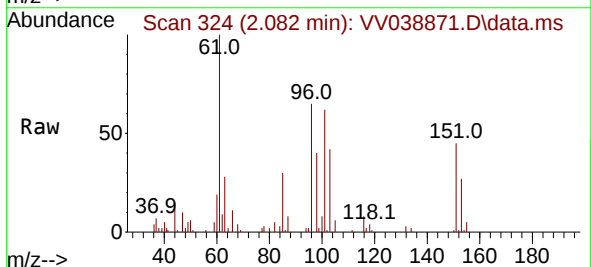
Instrument :
MSVOA_V
ClientSampleId :
MDL04

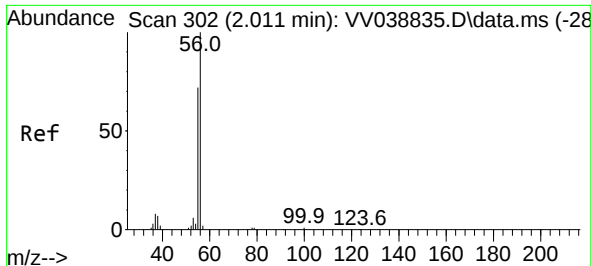
Tgt Ion: 59 Resp: 9717
Ion Ratio Lower Upper
59 100
57 6.5 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 2.796 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion: 96 Resp: 12762
Ion Ratio Lower Upper
96 100
61 152.7 123.5 185.3
98 60.4 52.5 78.7

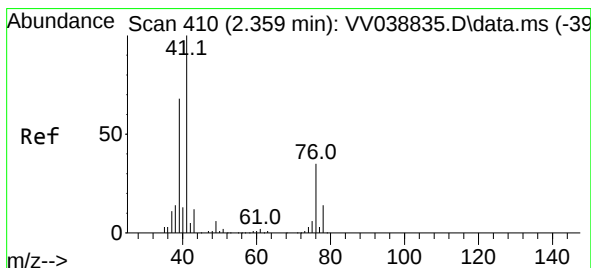
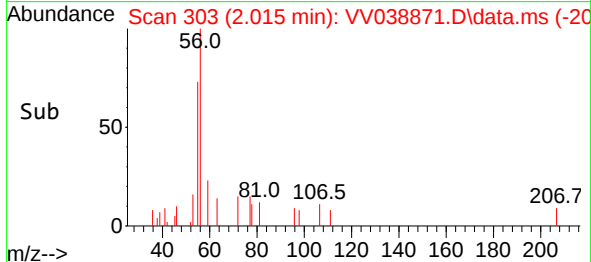
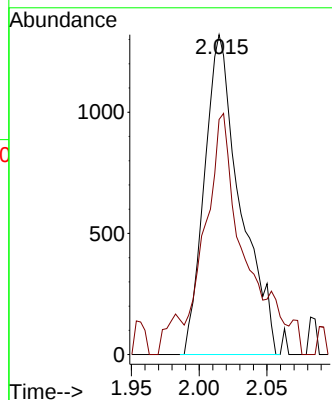
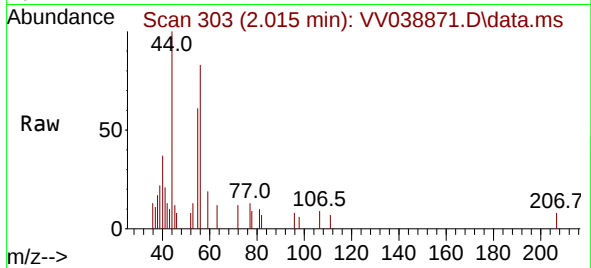




#13
Acrolein
Concen: 14.924 ug/l
RT: 2.015 min Scan# 302
Delta R.T. 0.003 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

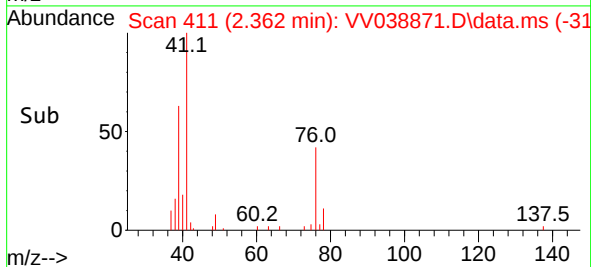
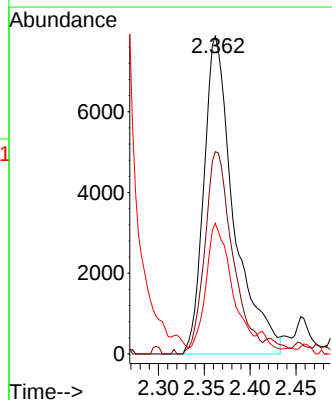
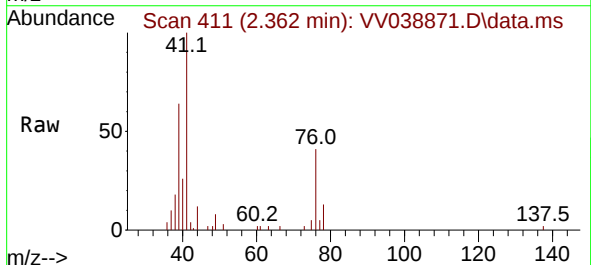
Instrument :
MSVOA_V
ClientSampleId :
MDL04

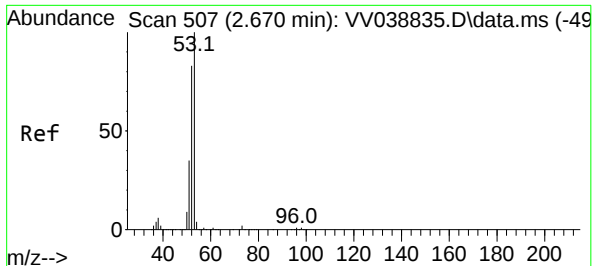
Tgt Ion: 56 Resp: 2416
Ion Ratio Lower Upper
56 100
55 83.4 53.4 80.2#



#14
Allyl chloride
Concen: 2.914 ug/l
RT: 2.362 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion: 41 Resp: 17883
Ion Ratio Lower Upper
41 100
39 58.9 51.0 76.4
76 33.0 33.6 50.4#

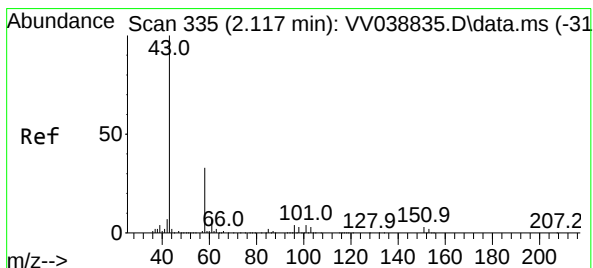
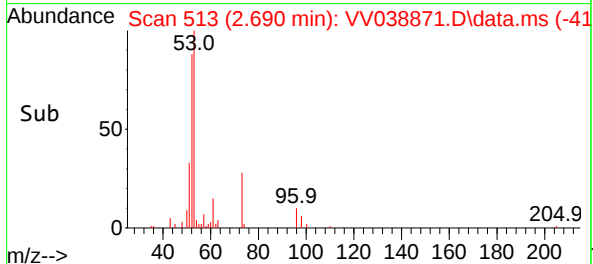
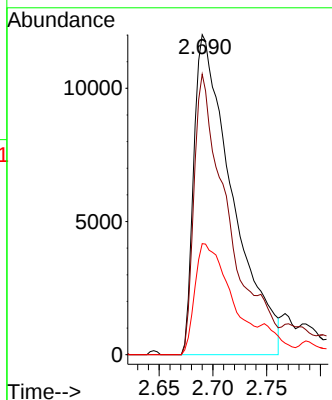
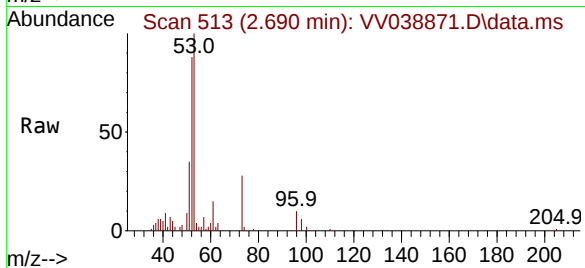




#15
Acrylonitrile
Concen: 13.195 ug/l
RT: 2.690 min Scan# 513
Delta R.T. 0.019 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

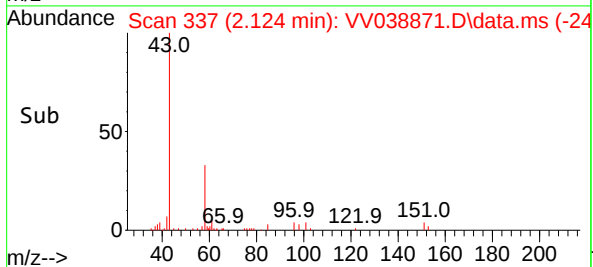
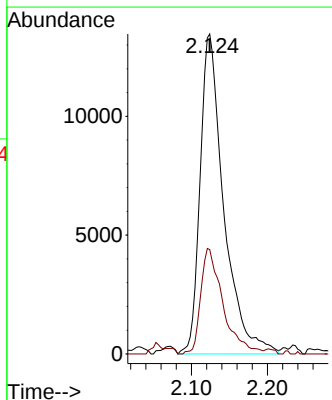
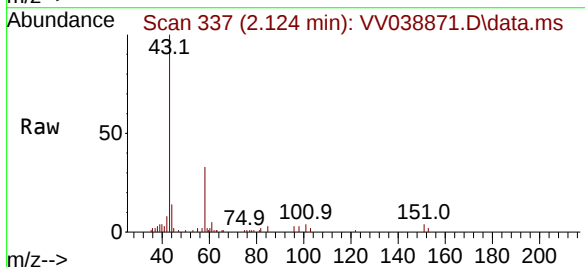
Instrument :
MSVOA_V
ClientSampleId :
MDL04

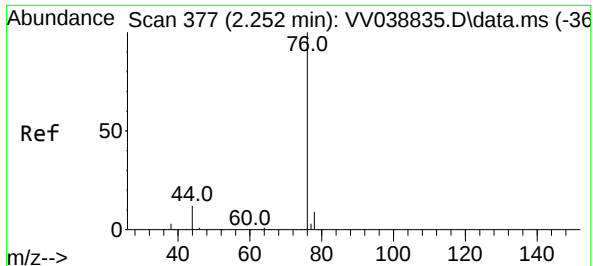
Tgt Ion:	53	Resp:	29924
Ion	Ratio	Lower	Upper
53	100		
52	79.0	65.8	98.6
51	32.7	28.5	42.7



#16
Acetone
Concen: 17.567 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.007 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion:	43	Resp:	29076
Ion	Ratio	Lower	Upper
43	100		
58	32.6	27.0	40.4

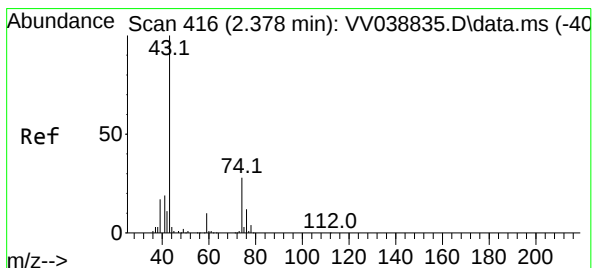
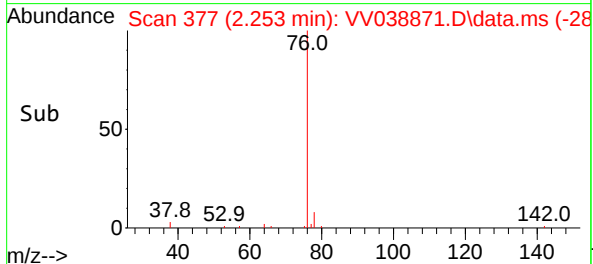
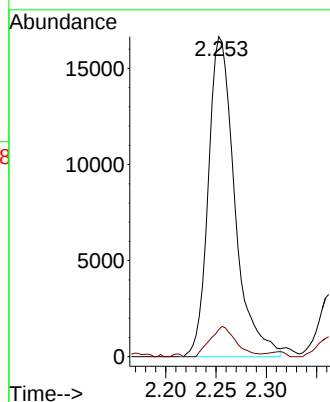
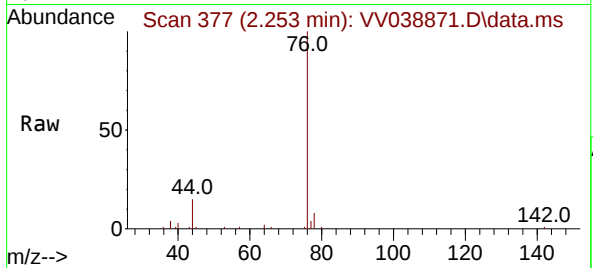




#17
Carbon Disulfide
Concen: 2.881 ug/l
RT: 2.253 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

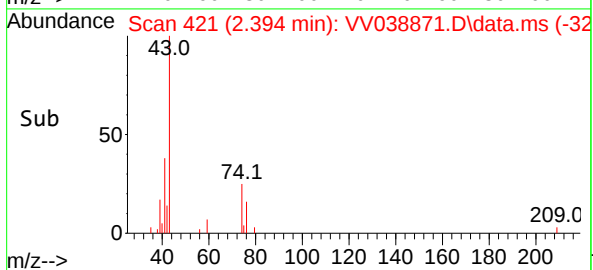
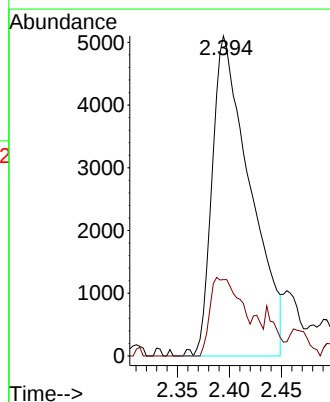
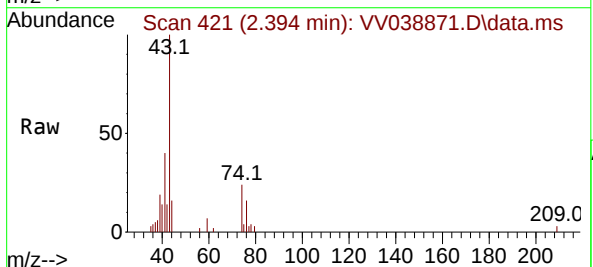
Instrument :
MSVOA_V
ClientSampleId :
MDL04

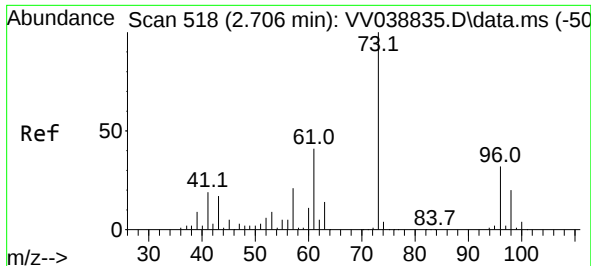
Tgt Ion: 76 Resp: 30455
Ion Ratio Lower Upper
76 100
78 7.7 7.5 11.3



#18
Methyl Acetate
Concen: 2.288 ug/l
RT: 2.394 min Scan# 421
Delta R.T. 0.016 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion: 43 Resp: 12911
Ion Ratio Lower Upper
43 100
74 19.8 21.4 32.0#

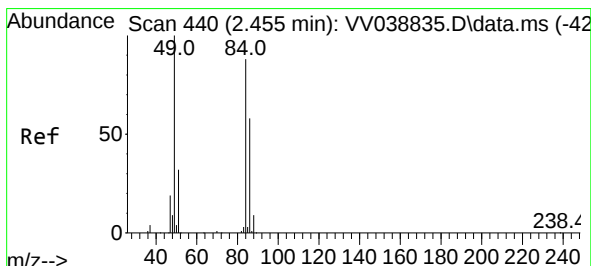
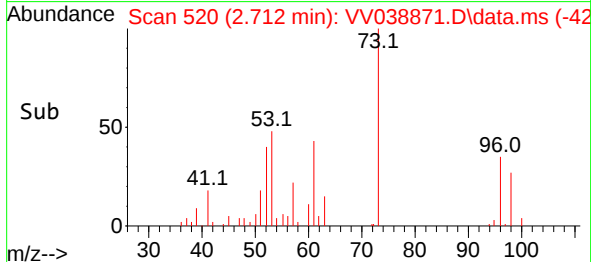
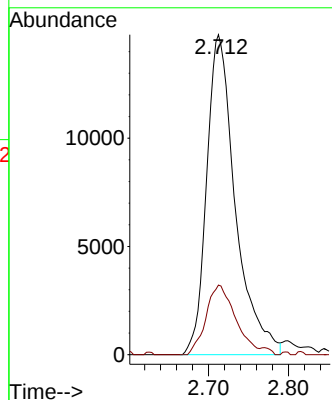
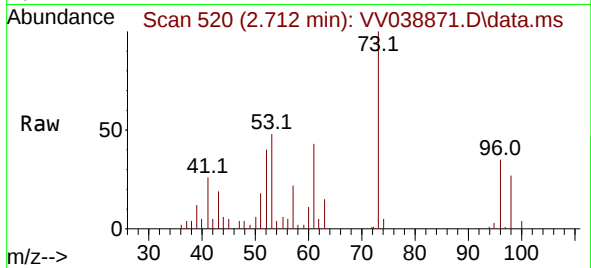




#19
Methyl tert-butyl Ether
Concen: 2.615 ug/l
RT: 2.712 min Scan# 518
Delta R.T. 0.007 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

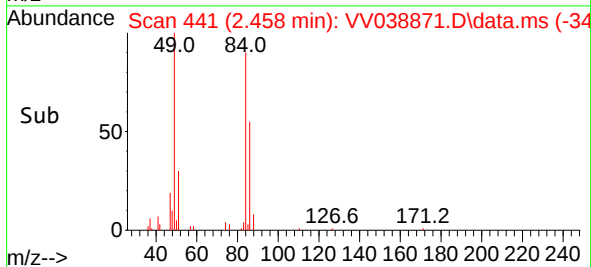
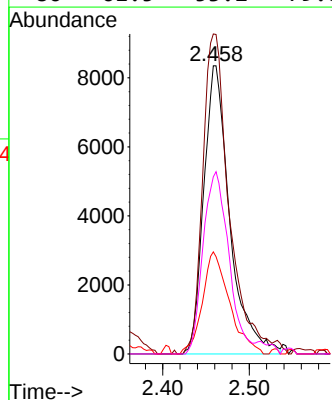
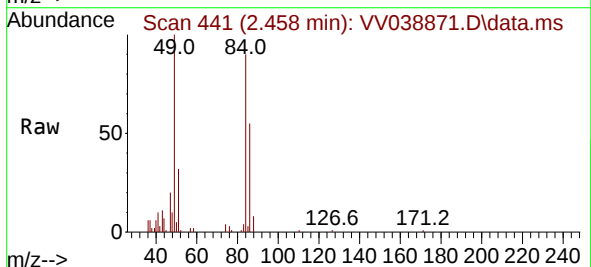
Instrument :
MSVOA_V
ClientSampleId :
MDL04

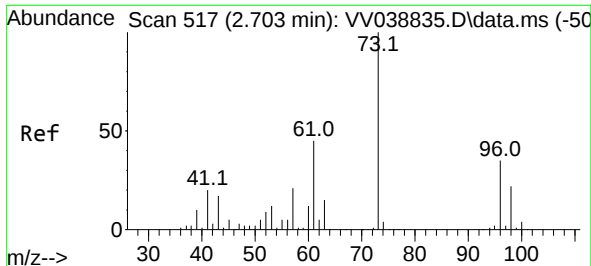
Tgt Ion: 73 Resp: 36895
Ion Ratio Lower Upper
73 100
57 21.7 17.0 25.4



#20
Methylene Chloride
Concen: 3.187 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion: 84 Resp: 17435
Ion Ratio Lower Upper
84 100
49 111.1 91.0 136.4
51 35.4 29.4 44.2
86 61.5 53.2 79.8

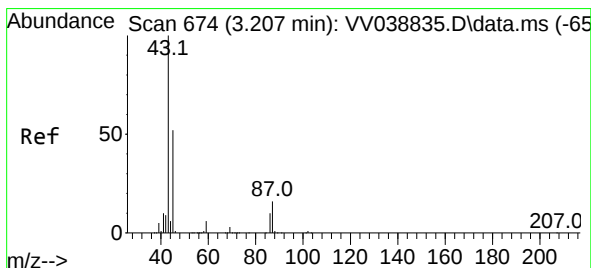
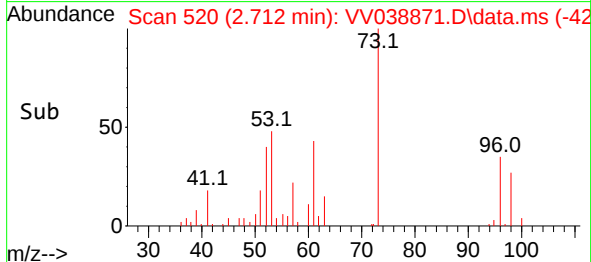
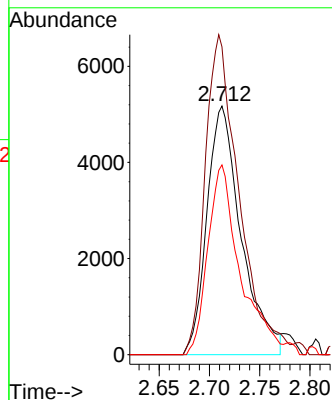
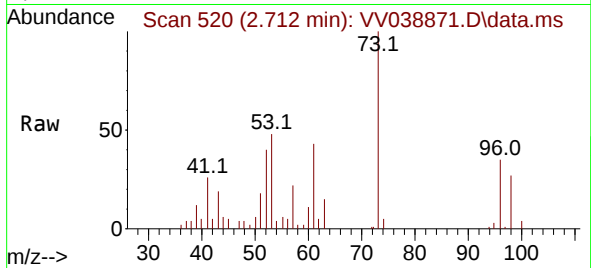




#21
trans-1,2-Dichloroethene
Concen: 2.687 ug/l
RT: 2.712 min Scan# 517
Delta R.T. 0.010 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

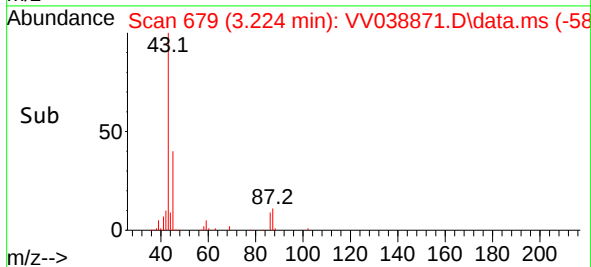
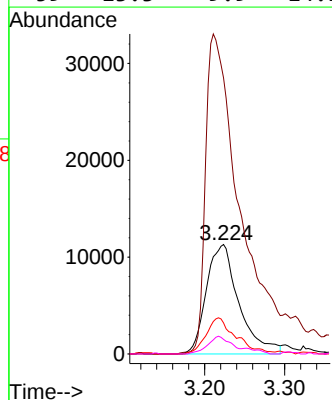
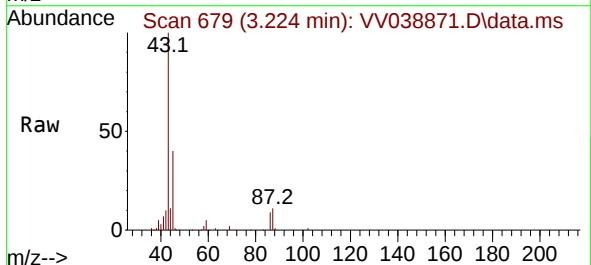
Instrument :
MSVOA_V
ClientSampleId :
MDL04

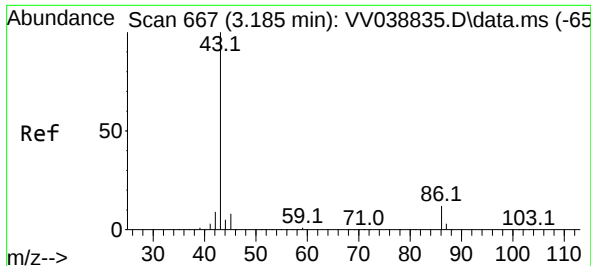
Tgt Ion: 96 Resp: 12266
Ion Ratio Lower Upper
96 100
61 123.8 102.8 154.2
98 76.3 50.9 76.3



#22
Diisopropyl ether
Concen: 2.543 ug/l
RT: 3.224 min Scan# 679
Delta R.T. 0.016 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion: 45 Resp: 31993
Ion Ratio Lower Upper
45 100
43 251.3 153.1 229.7#
87 28.4 25.2 37.8
59 13.3 9.9 14.9

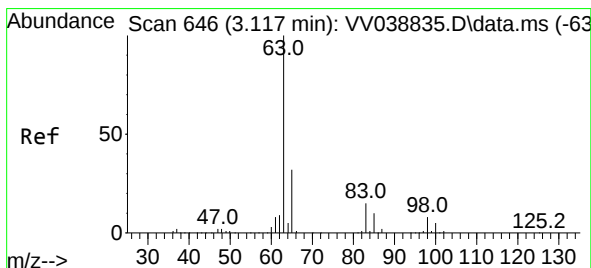
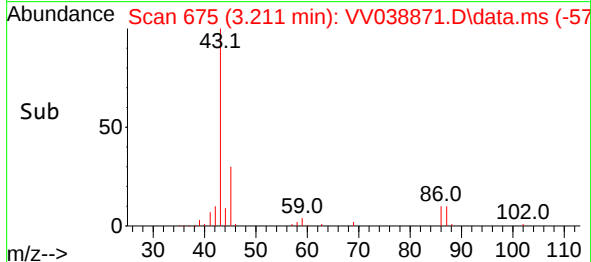
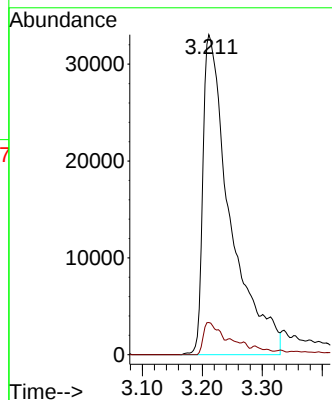
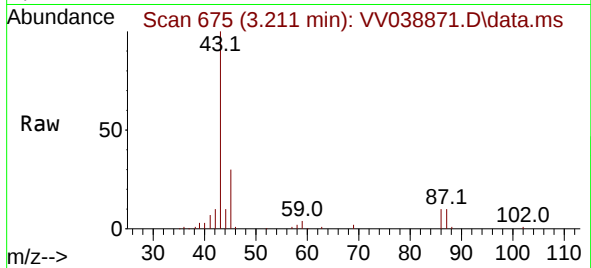




#23
 Vinyl Acetate
 Concen: 11.491 ug/l
 RT: 3.211 min Scan# 61
 Delta R.T. 0.026 min
 Lab File: VV038871.D
 Acq: 07 Jul 2025 15:47

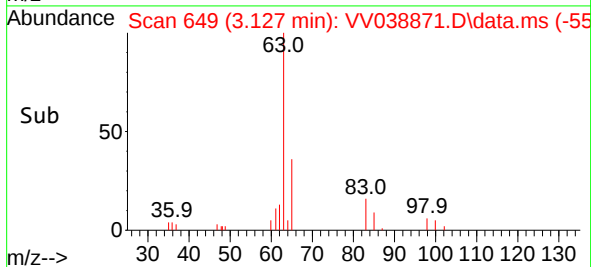
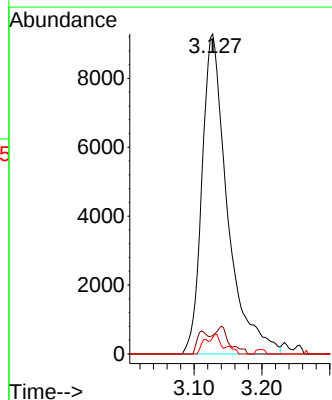
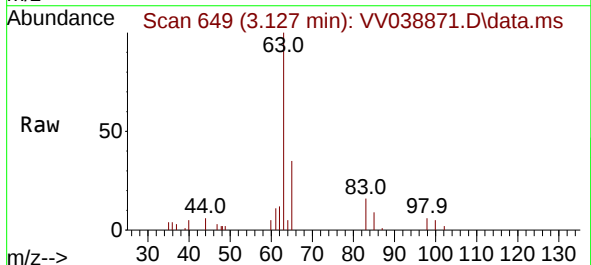
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

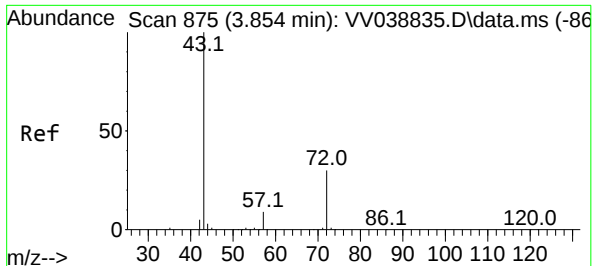
Tgt Ion: 43 Resp: 104266
 Ion Ratio Lower Upper
 43 100
 86 10.1 9.9 14.9



#24
 1,1-Dichloroethane
 Concen: 2.853 ug/l
 RT: 3.127 min Scan# 649
 Delta R.T. 0.010 min
 Lab File: VV038871.D
 Acq: 07 Jul 2025 15:47

Tgt Ion: 63 Resp: 24201
 Ion Ratio Lower Upper
 63 100
 98 5.7 4.1 12.3
 100 5.1 2.4 7.2





#25

2-Butanone

Concen: 5.434 ug/l

RT: 3.925 min Scan# 897

Delta R.T. 0.071 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

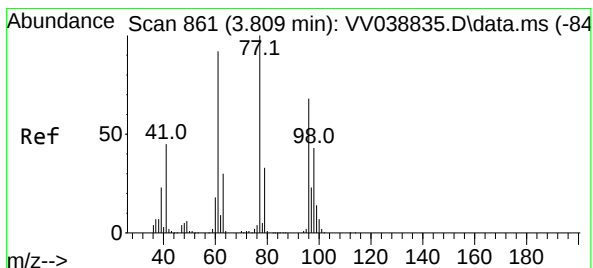
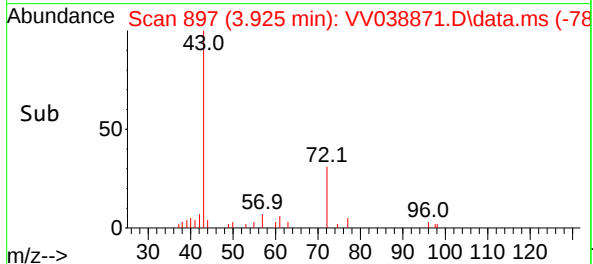
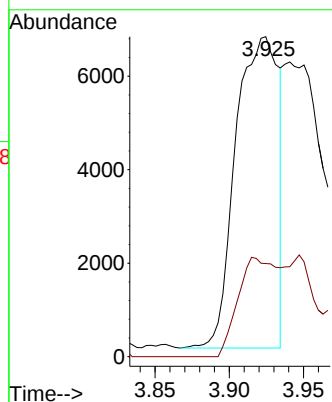
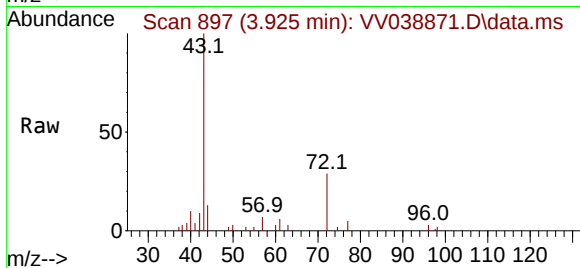
MDL04

Tgt Ion: 43 Resp: 13300

Ion Ratio Lower Upper

43 100

72 29.9 23.8 35.8



#26

2,2-Dichloropropane

Concen: 2.672 ug/l

RT: 3.815 min Scan# 863

Delta R.T. 0.007 min

Lab File: VV038871.D

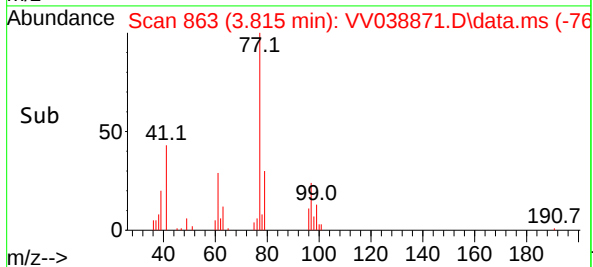
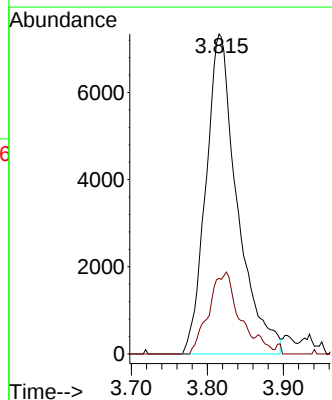
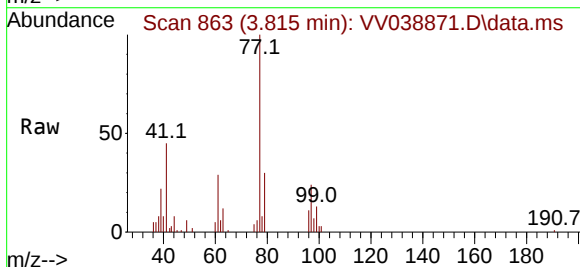
Acq: 07 Jul 2025 15:47

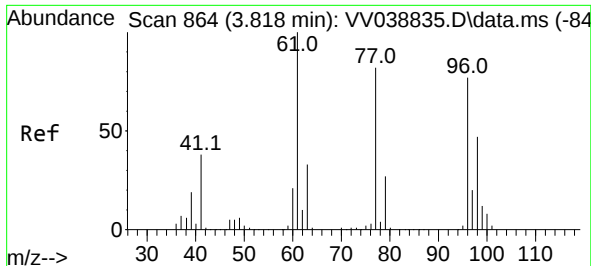
Tgt Ion: 77 Resp: 21004

Ion Ratio Lower Upper

77 100

97 23.5 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 2.840 ug/l

RT: 3.844 min Scan# 81

Delta R.T. 0.026 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

MDL04

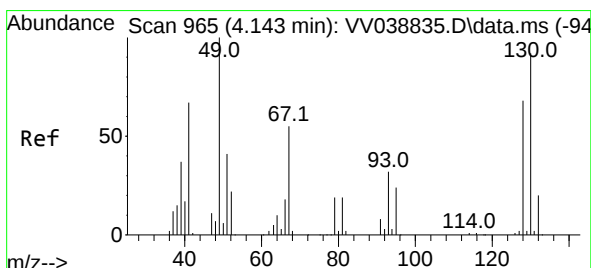
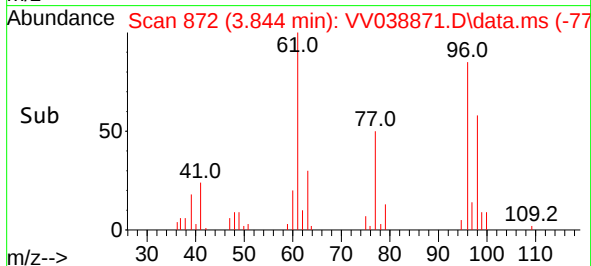
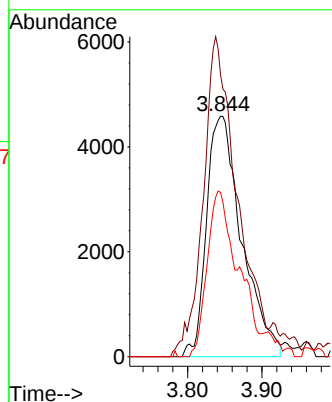
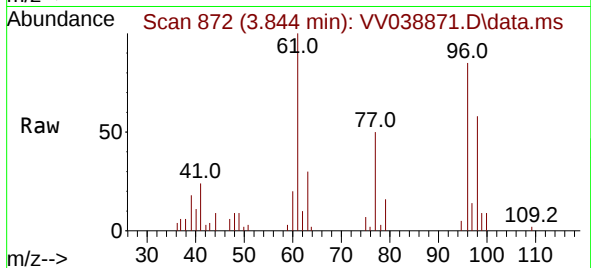
Tgt Ion: 96 Resp: 15104

Ion Ratio Lower Upper

96 100

61 127.8 0.0 268.4

98 60.7 0.0 128.0



#28

Bromochloromethane

Concen: 2.704 ug/l

RT: 4.166 min Scan# 972

Delta R.T. 0.023 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

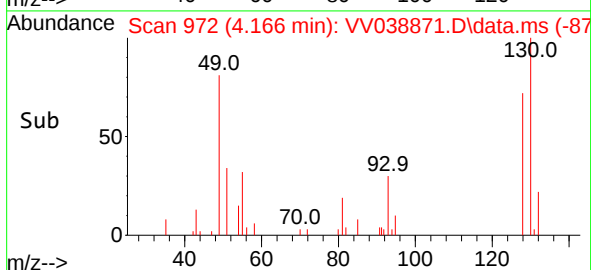
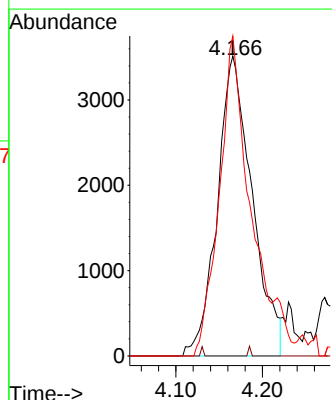
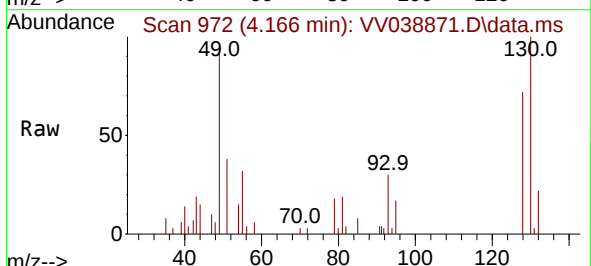
Tgt Ion: 49 Resp: 9802

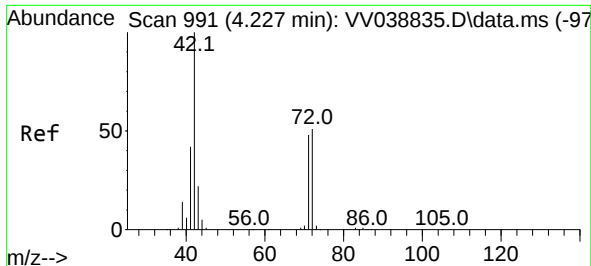
Ion Ratio Lower Upper

49 100

129 0.2 0.0 2.2

130 90.8 72.5 108.7





#29

Tetrahydrofuran

Concen: 12.580 ug/l

RT: 4.256 min Scan# 1000

Delta R.T. 0.029 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

MDL04

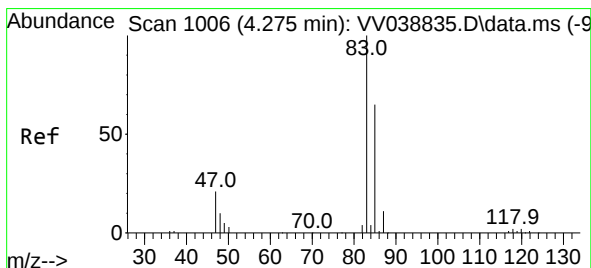
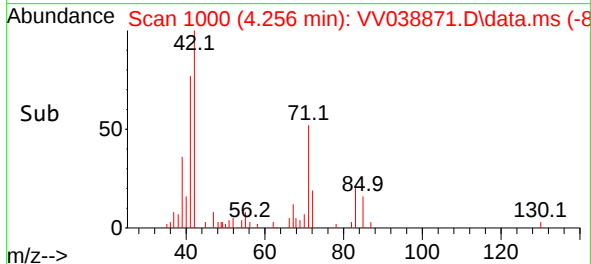
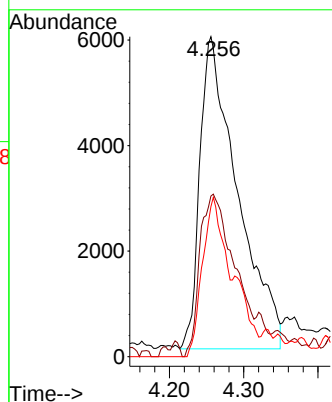
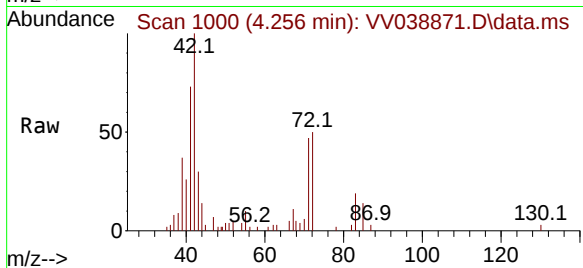
Tgt Ion: 42 Resp: 20854

Ion Ratio Lower Upper

42 100

72 47.7 41.3 61.9

71 31.1 39.2 58.8#



#30

Chloroform

Concen: 2.745 ug/l

RT: 4.288 min Scan# 1010

Delta R.T. 0.013 min

Lab File: VV038871.D

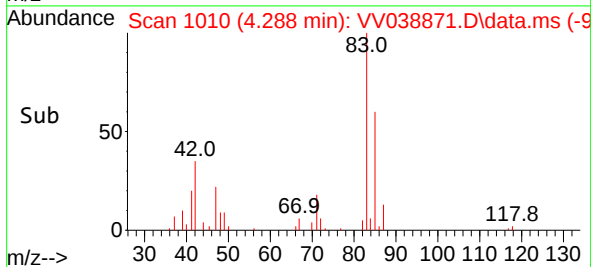
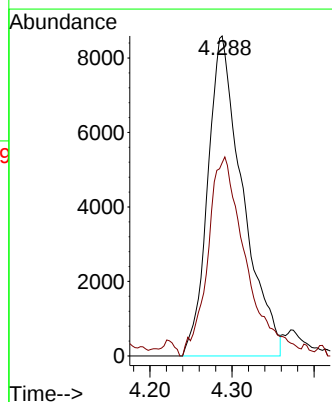
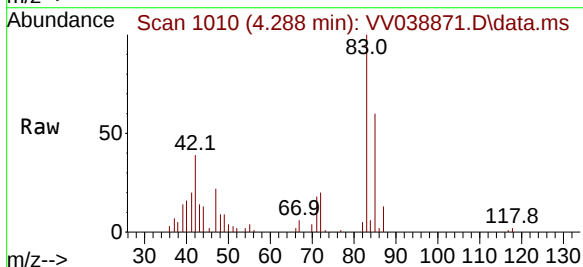
Acq: 07 Jul 2025 15:47

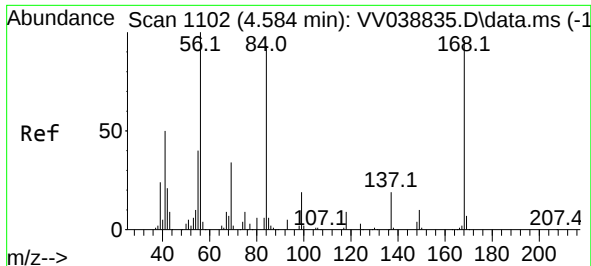
Tgt Ion: 83 Resp: 25371

Ion Ratio Lower Upper

83 100

85 60.4 51.8 77.6

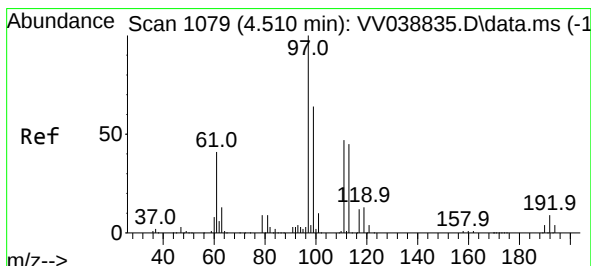
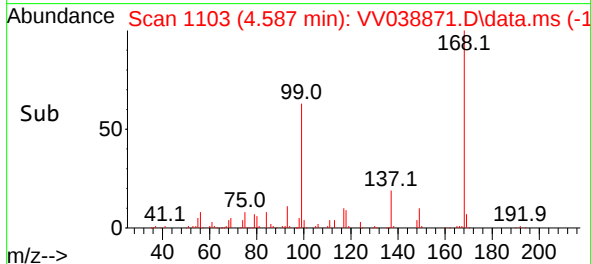
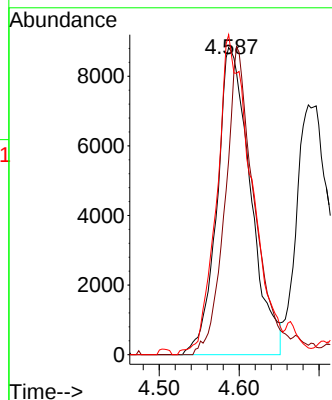
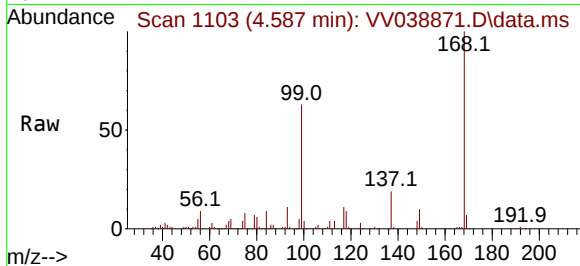




#31
Cyclohexane
Concen: 3.825 ug/l
RT: 4.587 min Scan# 1102
Delta R.T. 0.003 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

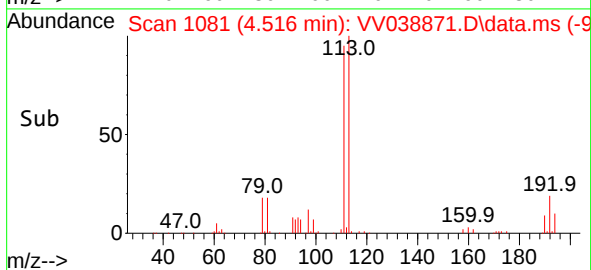
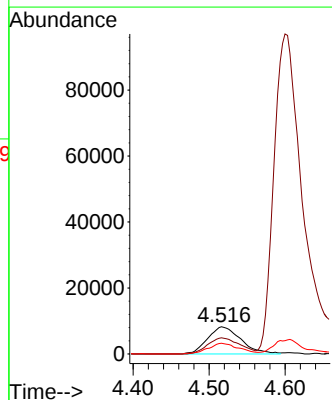
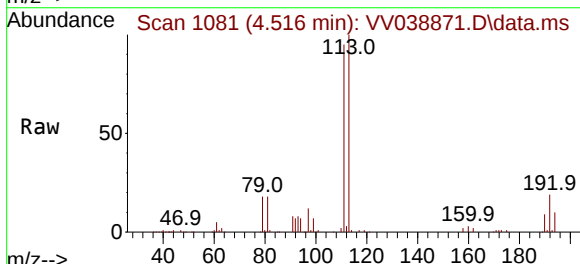
Instrument :
MSVOA_V
ClientSampleId :
MDL04

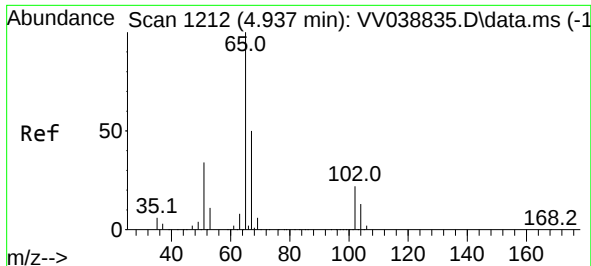
Tgt Ion: 56 Resp: 25696
Ion Ratio Lower Upper
56 100
69 63.4 27.0 40.4#
84 102.9 74.4 111.6



#32
1,1,1-Trichloroethane
Concen: 2.929 ug/l
RT: 4.516 min Scan# 1081
Delta R.T. 0.007 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion: 97 Resp: 25121
Ion Ratio Lower Upper
97 100
99 57.2 48.8 73.2
61 36.3 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 56.524 ug/l

RT: 4.941 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

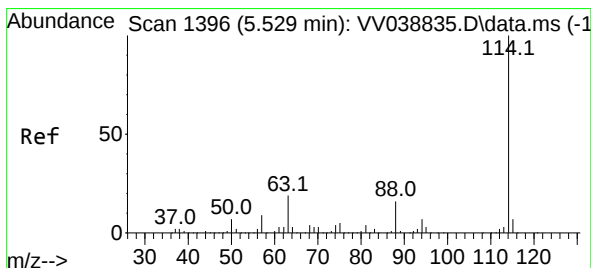
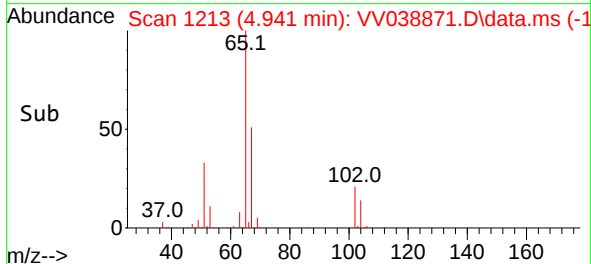
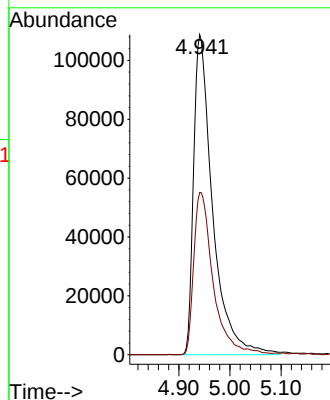
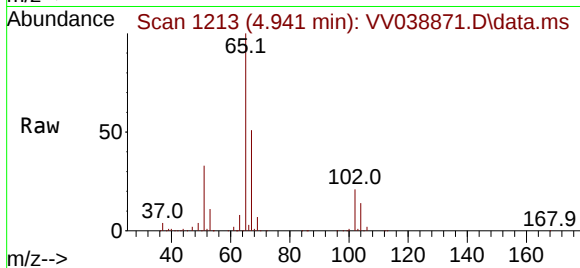
MDL04

Tgt Ion: 65 Resp: 280745

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

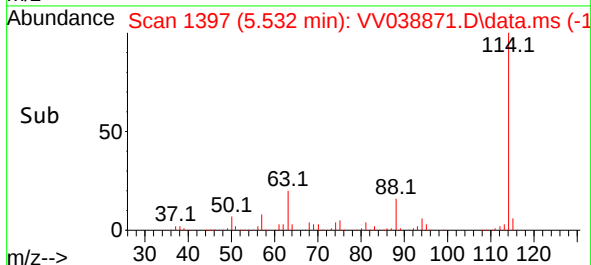
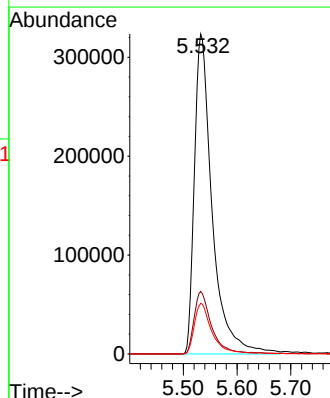
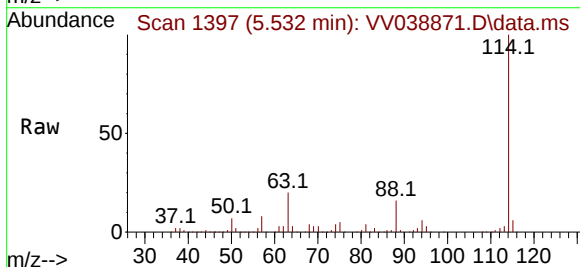
Tgt Ion: 114 Resp: 743336

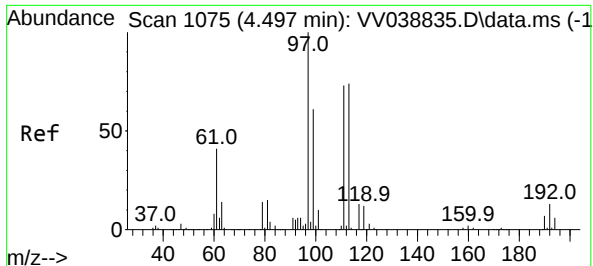
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

88 15.8 0.0 31.2

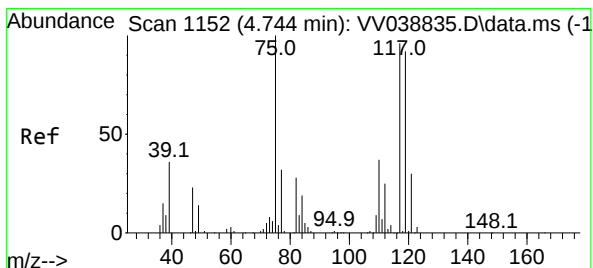
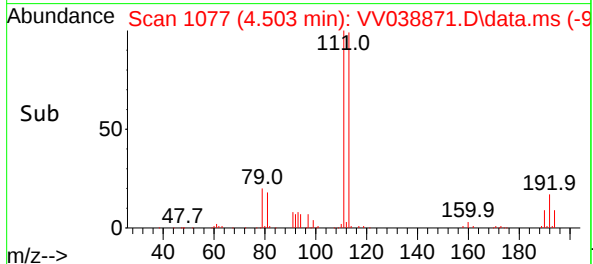
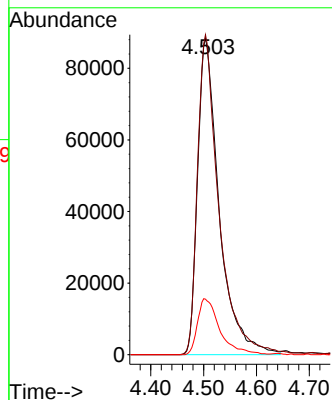
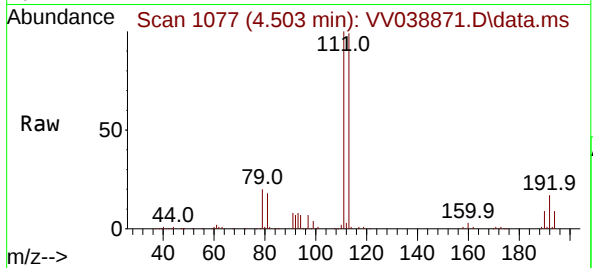




#35
Dibromofluoromethane
Concen: 53.120 ug/l
RT: 4.503 min Scan# 1107
Delta R.T. 0.007 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

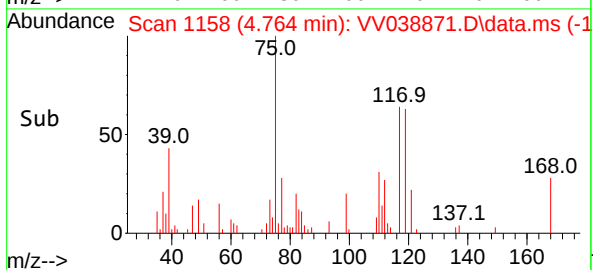
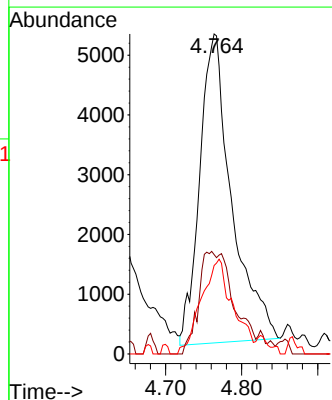
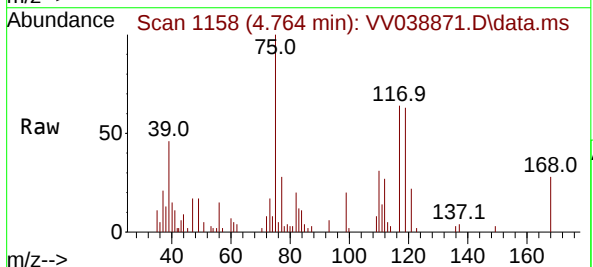
Instrument :
MSVOA_V
ClientSampleId :
MDL04

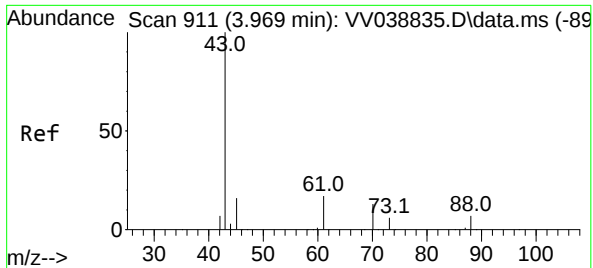
Tgt Ion:113 Resp: 250112
Ion Ratio Lower Upper
113 100
111 100.9 81.5 122.3
192 18.3 14.7 22.1



#36
1,1-Dichloropropene
Concen: 2.647 ug/l
RT: 4.764 min Scan# 1158
Delta R.T. 0.019 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion: 75 Resp: 15121
Ion Ratio Lower Upper
75 100
110 18.7 19.3 57.9#
77 30.3 25.1 37.7





#37

Ethyl Acetate

Concen: 2.281 ug/l

RT: 3.925 min Scan# 897

Delta R.T. -0.045 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

MDL04

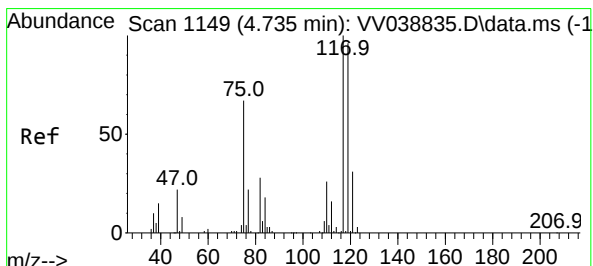
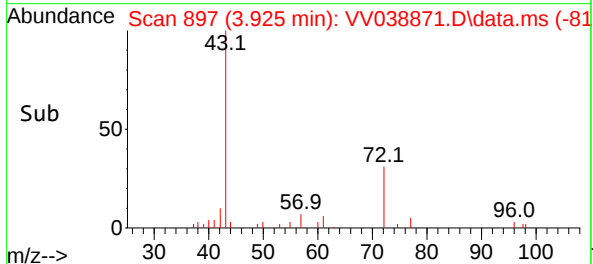
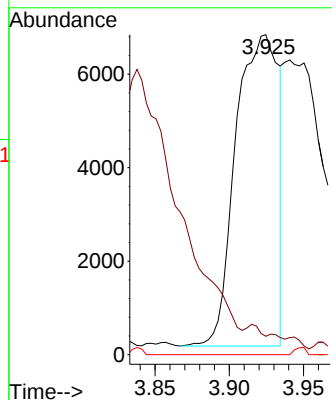
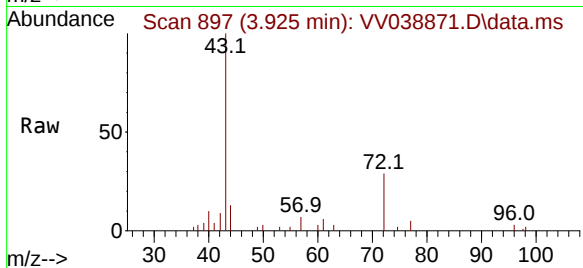
Tgt Ion: 43 Resp: 13300

Ion Ratio Lower Upper

43 100

61 0.0 13.0 19.4#

70 0.0 9.6 14.4#



#38

Carbon Tetrachloride

Concen: 2.921 ug/l

RT: 4.738 min Scan# 1150

Delta R.T. 0.003 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

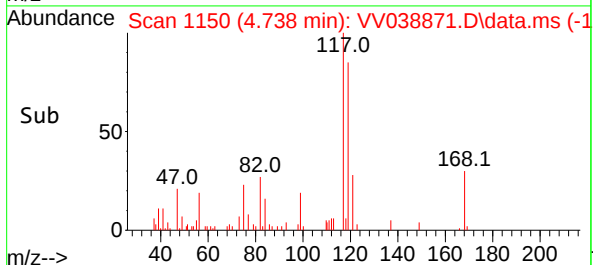
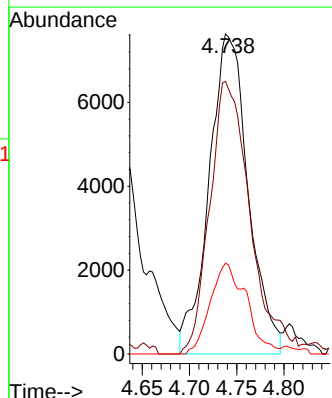
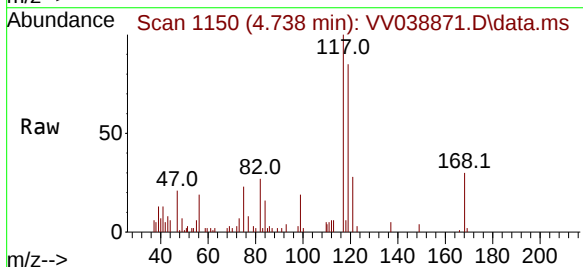
Tgt Ion: 117 Resp: 21970

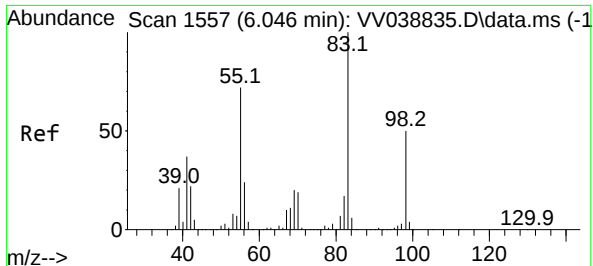
Ion Ratio Lower Upper

117 100

119 91.1 76.5 114.7

121 30.3 25.0 37.6





#39

Methylcyclohexane

Concen: 2.552 ug/l

RT: 6.050 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

MDL04

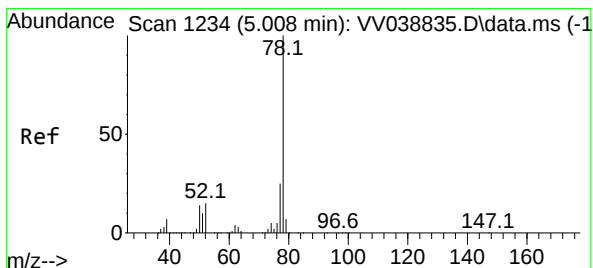
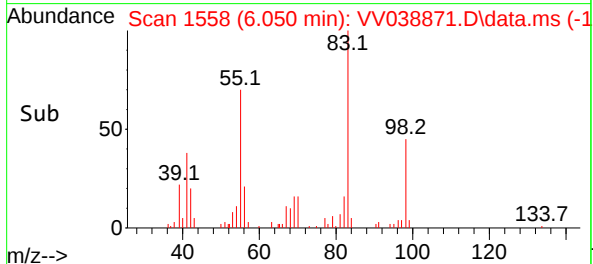
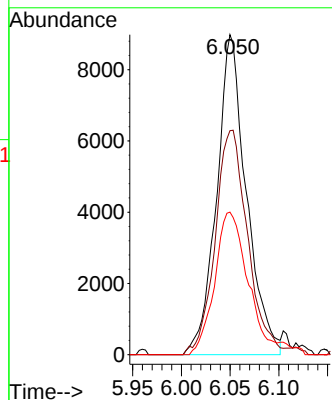
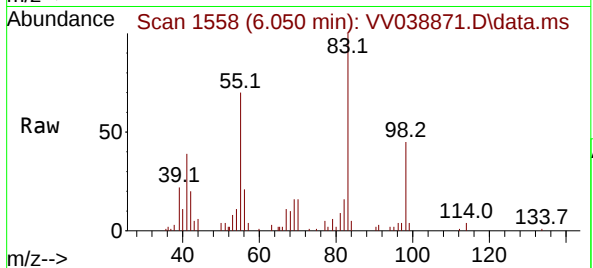
Tgt Ion: 83 Resp: 19066

Ion Ratio Lower Upper

83 100

55 70.0 57.7 86.5

98 44.5 40.2 60.2



#40

Benzene

Concen: 2.495 ug/l

RT: 5.024 min Scan# 1239

Delta R.T. 0.016 min

Lab File: VV038871.D

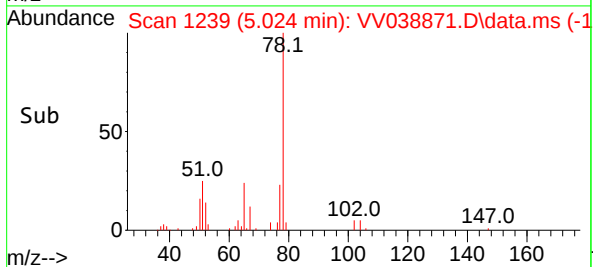
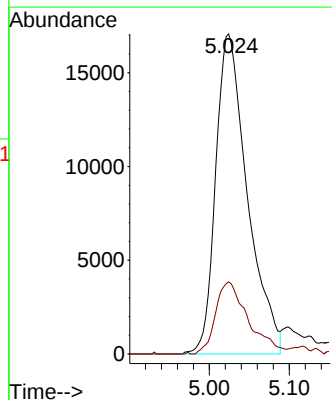
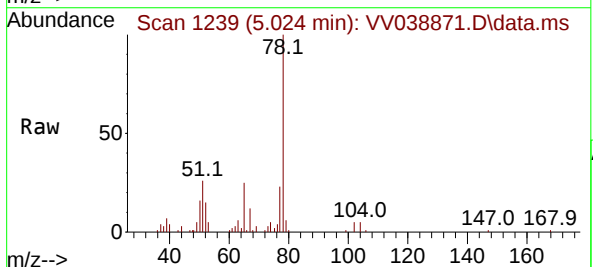
Acq: 07 Jul 2025 15:47

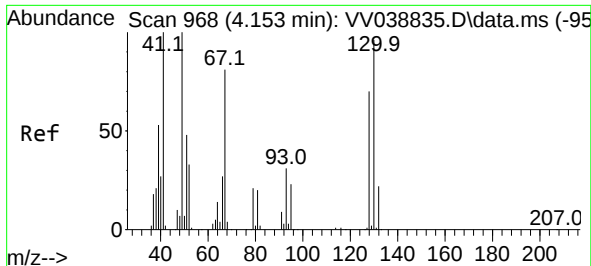
Tgt Ion: 78 Resp: 47064

Ion Ratio Lower Upper

78 100

77 22.5 19.6 29.4

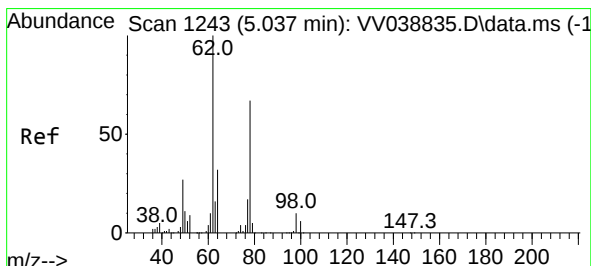
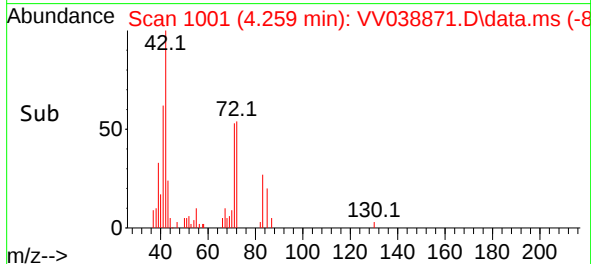
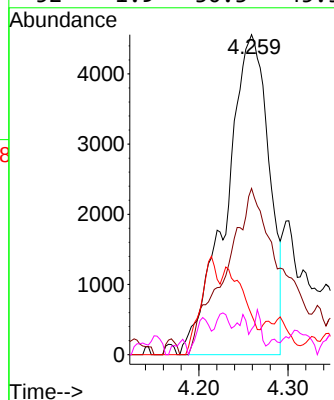
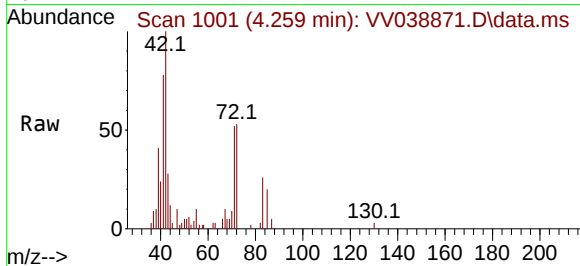




#41
Methacrylonitrile
Concen: 6.094 ug/l
RT: 4.259 min Scan# 1001
Delta R.T. 0.106 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

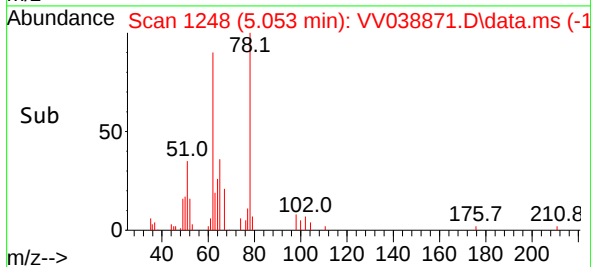
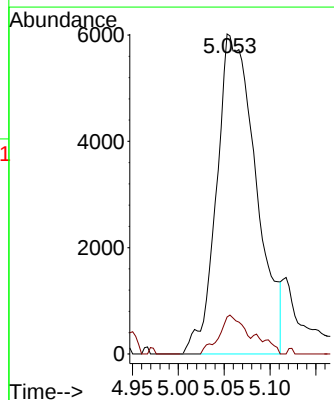
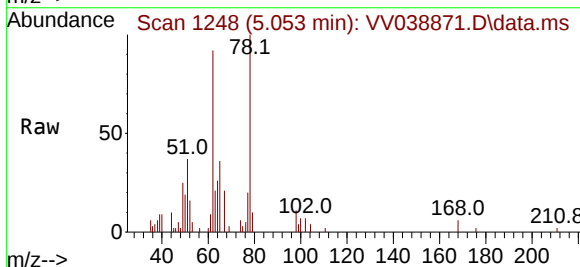
Instrument :
MSVOA_V
ClientSampleId :
MDL04

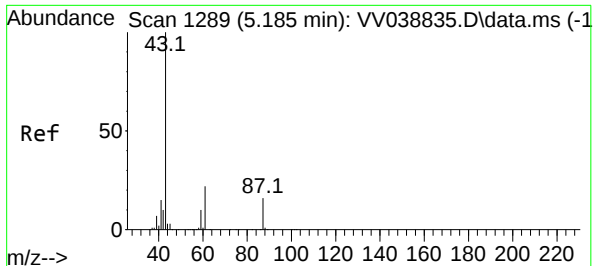
Tgt Ion: 41 Resp: 15256
Ion Ratio Lower Upper
41 100
39 67.1 43.8 65.8#
67 0.0 78.8 118.2#
52 1.9 30.3 45.5#



#42
1,2-Dichloroethane
Concen: 2.680 ug/l
RT: 5.053 min Scan# 1248
Delta R.T. 0.016 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion: 62 Resp: 17901
Ion Ratio Lower Upper
62 100
98 7.6 0.0 19.0

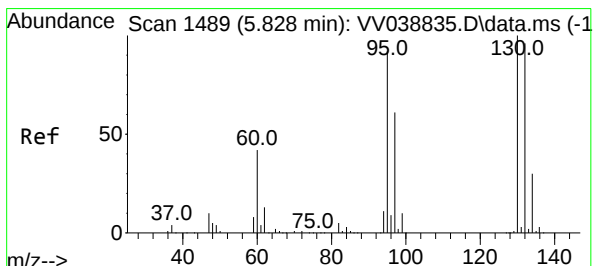
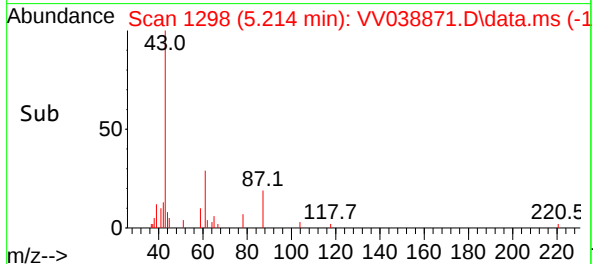
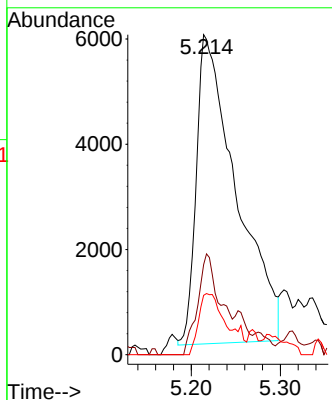
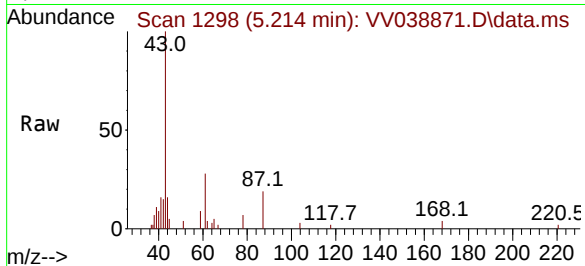




#43
Isopropyl Acetate
Concen: 1.969 ug/l
RT: 5.214 min Scan# 11
Delta R.T. 0.029 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

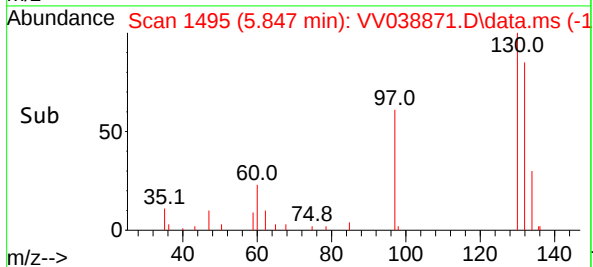
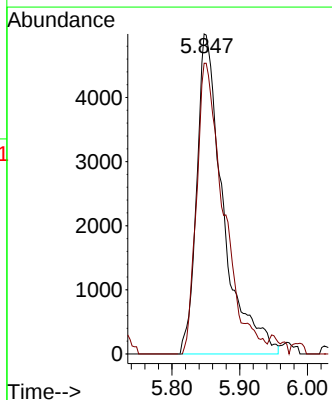
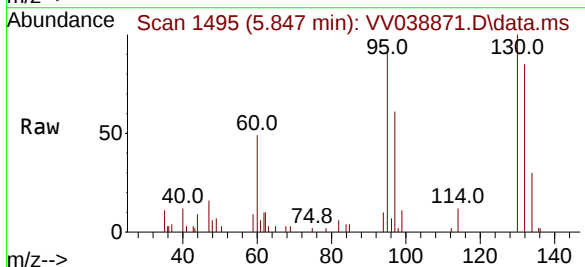
Instrument :
MSVOA_V
ClientSampleId :
MDL04

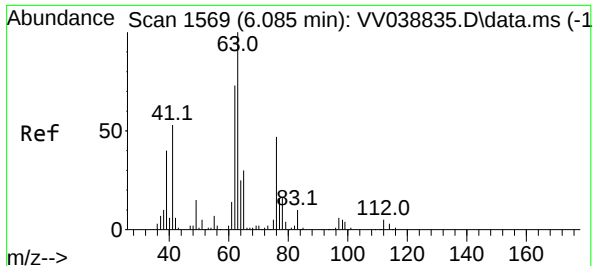
Tgt Ion: 43 Resp: 18313
Ion Ratio Lower Upper
43 100
61 18.6 17.0 25.6
87 12.0 13.0 19.6#



#44
Trichloroethene
Concen: 2.747 ug/l
RT: 5.847 min Scan# 1495
Delta R.T. 0.019 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion:130 Resp: 13526
Ion Ratio Lower Upper
130 100
95 90.9 0.0 184.4





#45

1,2-Dichloropropane

Concen: 2.300 ug/l

RT: 6.108 min Scan# 1

Delta R.T. 0.023 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

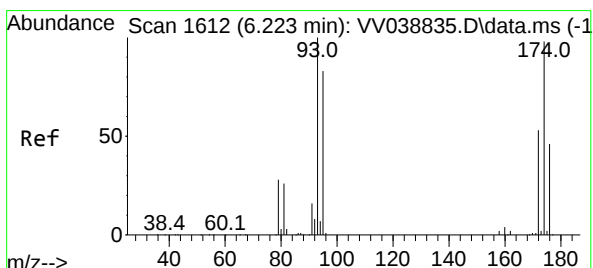
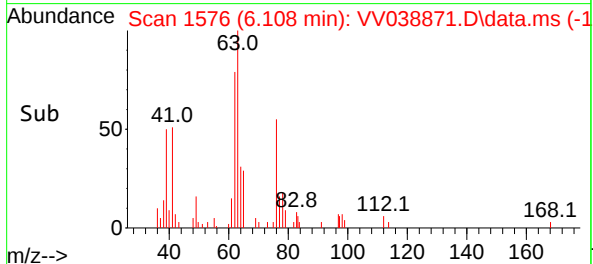
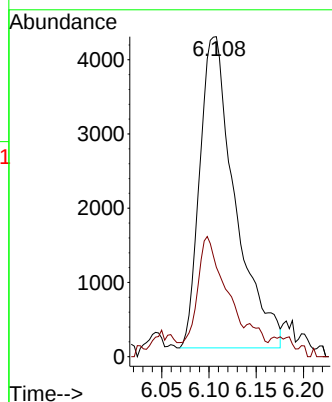
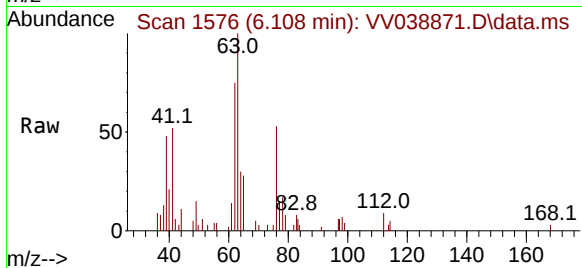
MDL04

Tgt Ion: 63 Resp: 10897

Ion Ratio Lower Upper

63 100

65 24.2 24.3 36.5#



#46

Dibromomethane

Concen: 2.717 ug/l

RT: 6.243 min Scan# 1618

Delta R.T. 0.019 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

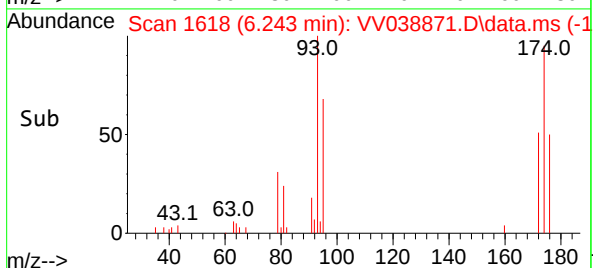
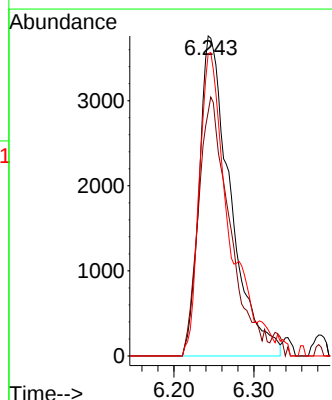
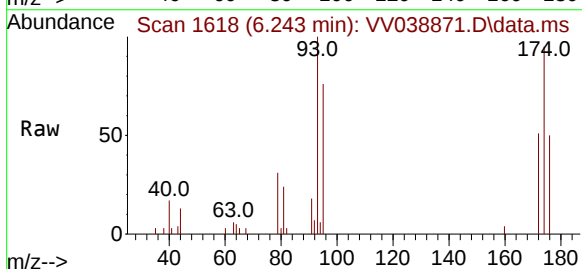
Tgt Ion: 93 Resp: 10154

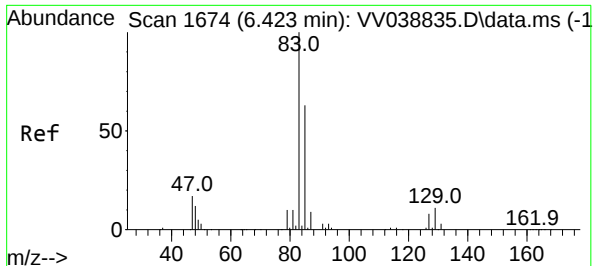
Ion Ratio Lower Upper

93 100

95 81.2 66.7 100.1

174 86.9 78.7 118.1

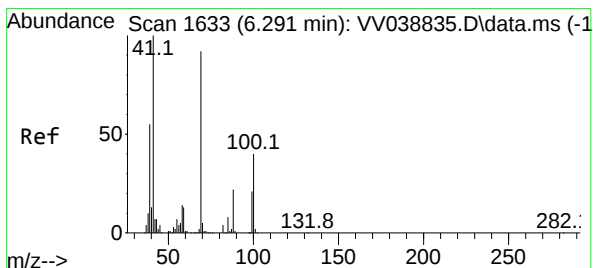
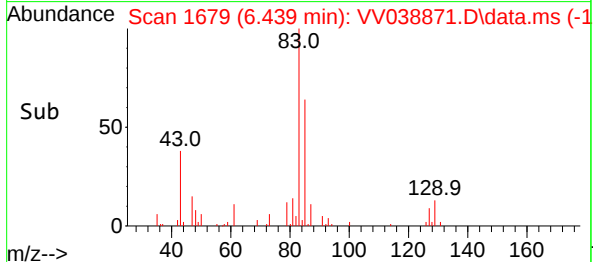
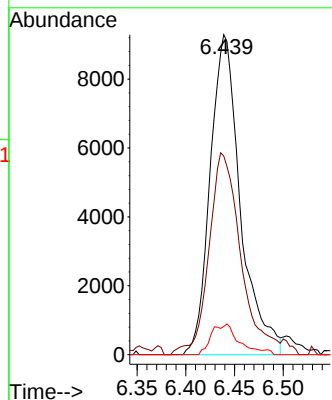
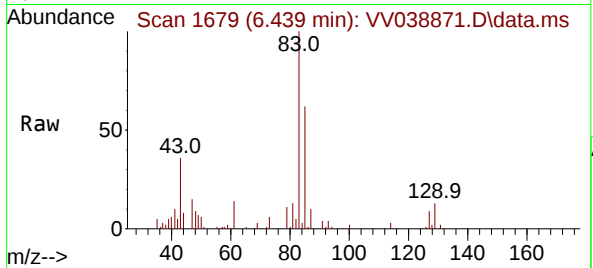




#47
Bromodichloromethane
Concen: 2.538 ug/l
RT: 6.439 min Scan# 1650
Delta R.T. 0.016 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

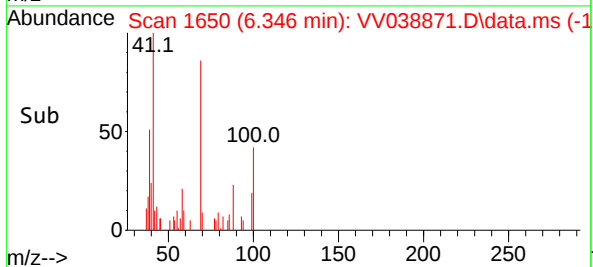
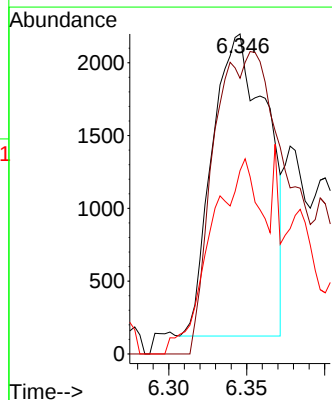
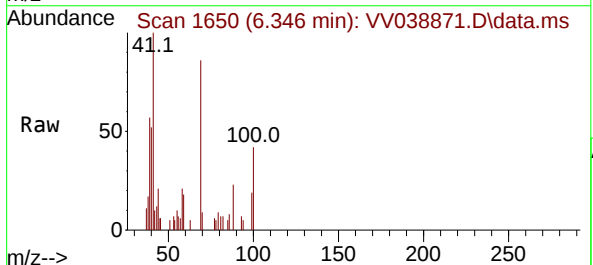
Instrument :
MSVOA_V
ClientSampleId :
MDL04

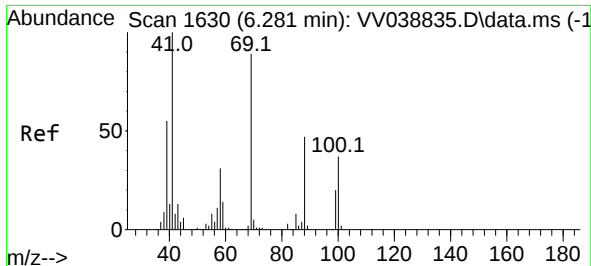
Tgt Ion:	83	Resp:	20077
Ion	Ratio	Lower	Upper
83	100		
85	59.8	50.1	75.1
127	8.8	6.6	10.0



#48
Methyl methacrylate
Concen: 1.149 ug/l
RT: 6.346 min Scan# 1650
Delta R.T. 0.055 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion:	41	Resp:	5080
Ion	Ratio	Lower	Upper
41	100		
69	52.3	77.4	116.2#
39	57.3	44.2	66.4





#49

1,4-Dioxane

Concen: 36.541 ug/l

RT: 6.317 min Scan# 1

Delta R.T. 0.036 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

MDL04

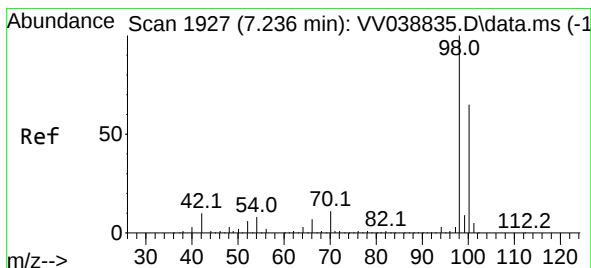
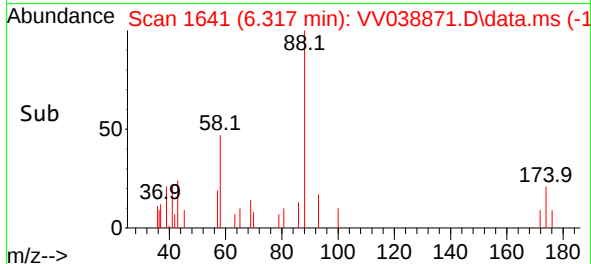
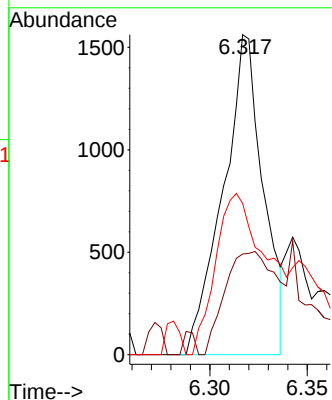
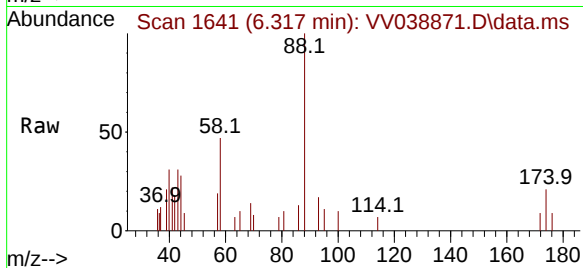
Tgt Ion: 88 Resp: 2240

Ion Ratio Lower Upper

88 100

43 42.5 25.2 37.8#

58 64.7 52.1 78.1



#50

Toluene-d8

Concen: 47.885 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038871.D

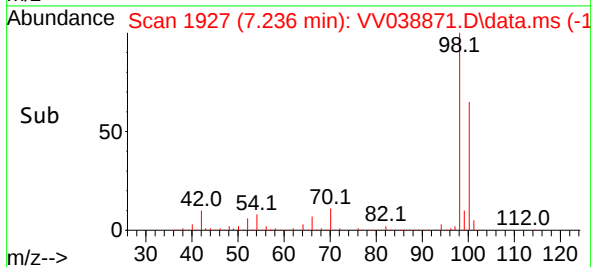
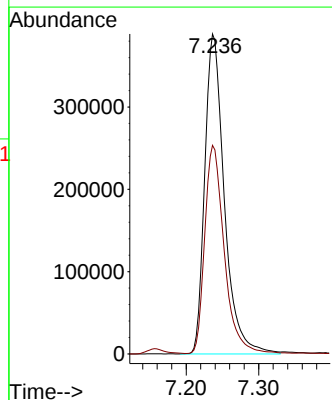
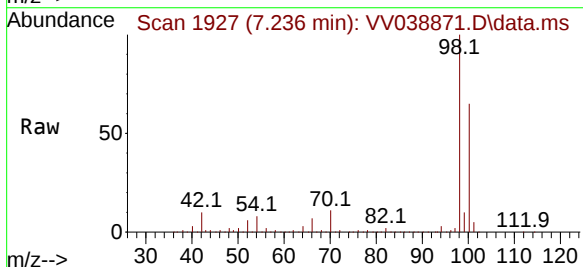
Acq: 07 Jul 2025 15:47

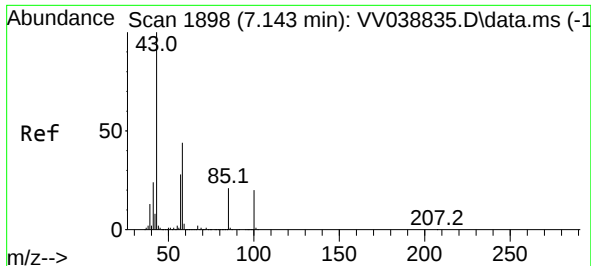
Tgt Ion: 98 Resp: 729469

Ion Ratio Lower Upper

98 100

100 64.7 53.0 79.4

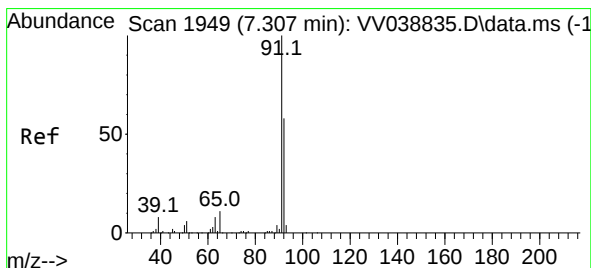
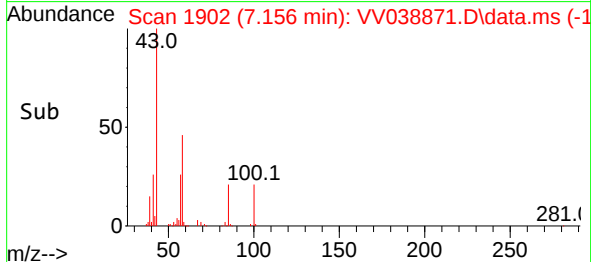
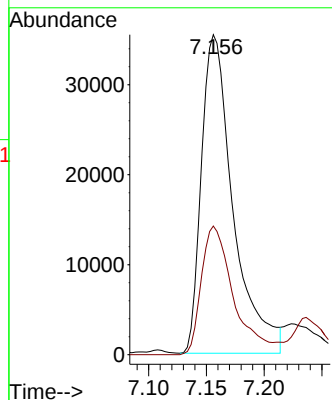
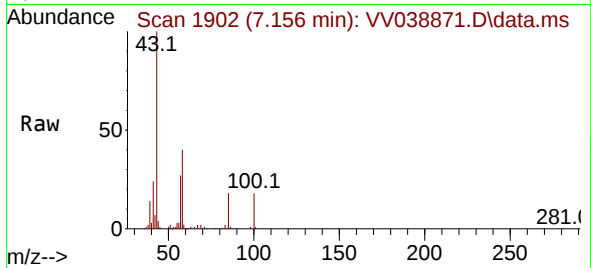




#51
4-Methyl-2-Pentanone
Concen: 11.526 ug/l
RT: 7.156 min Scan# 1902
Delta R.T. 0.013 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

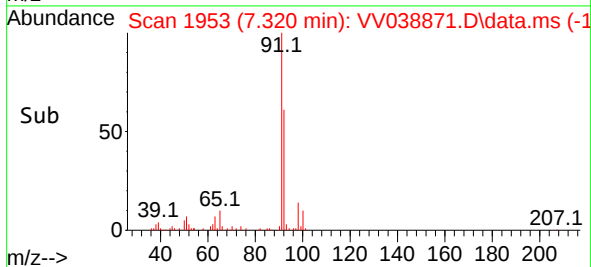
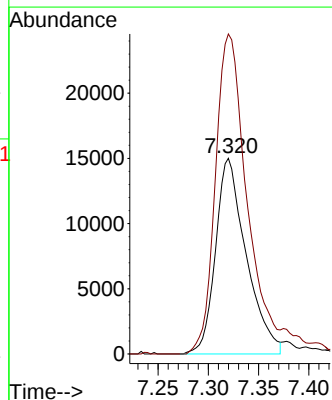
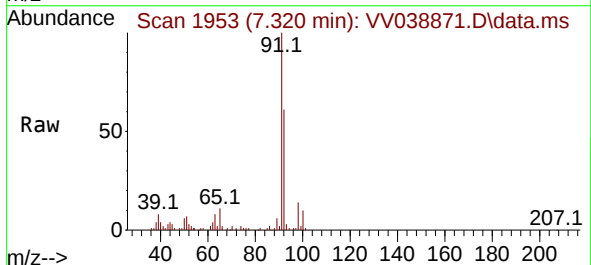
Instrument :
MSVOA_V
ClientSampleId :
MDL04

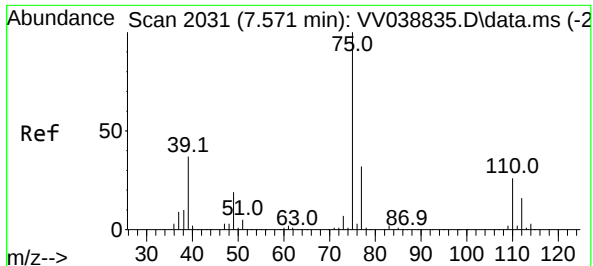
Tgt Ion: 43 Resp: 67646
Ion Ratio Lower Upper
43 100
58 40.7 34.4 51.6



#52
Toluene
Concen: 2.701 ug/l
RT: 7.320 min Scan# 1953
Delta R.T. 0.013 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion: 92 Resp: 31837
Ion Ratio Lower Upper
92 100
91 175.0 138.5 207.7





#53

t-1,3-Dichloropropene

Concen: 2.262 ug/l

RT: 7.593 min Scan# 2031

Delta R.T. 0.023 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

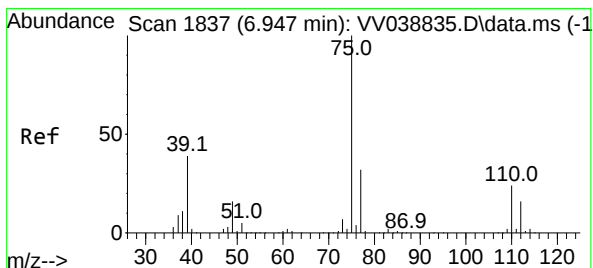
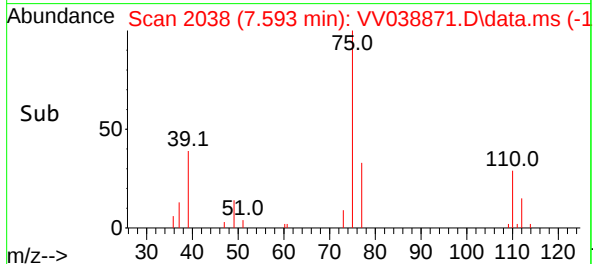
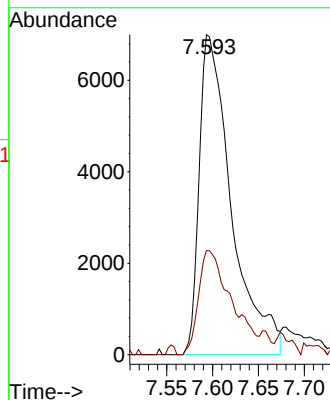
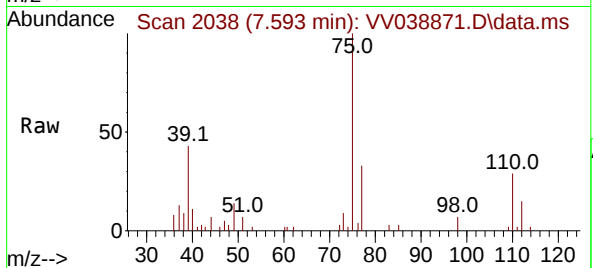
MDL04

Tgt Ion: 75 Resp: 17130

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 2.429 ug/l

RT: 6.966 min Scan# 1843

Delta R.T. 0.019 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

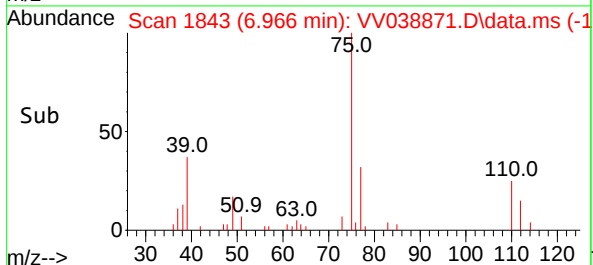
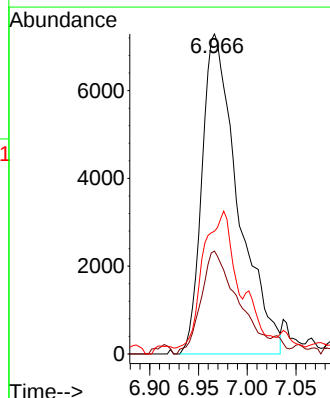
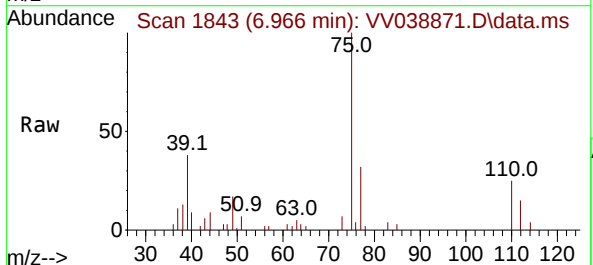
Tgt Ion: 75 Resp: 18814

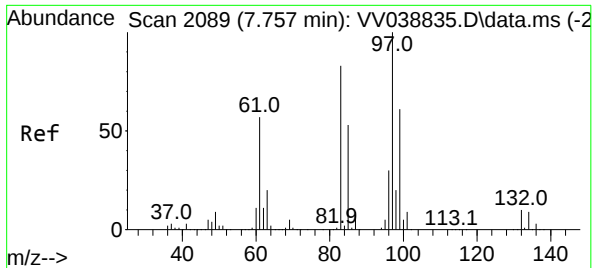
Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.8

39 35.9 31.3 46.9

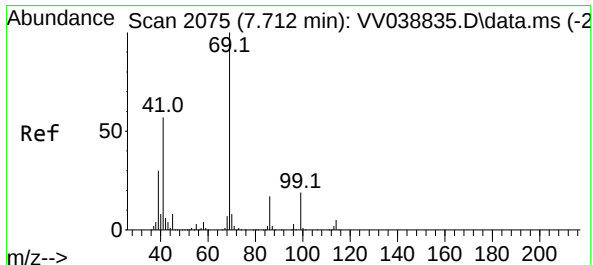
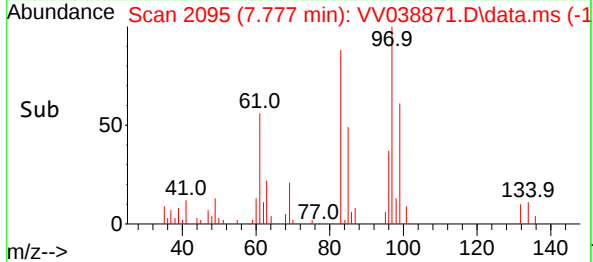
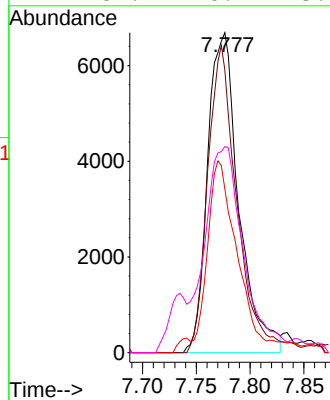
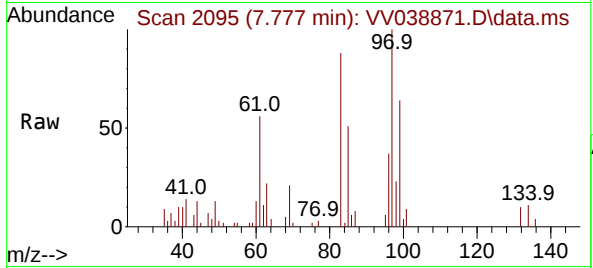




#55
1,1,2-Trichloroethane
Concen: 2.608 ug/l
RT: 7.777 min Scan# 2089
Delta R.T. 0.019 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

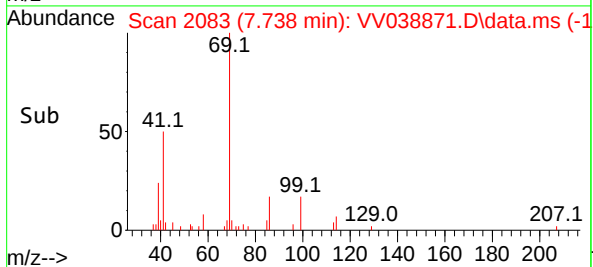
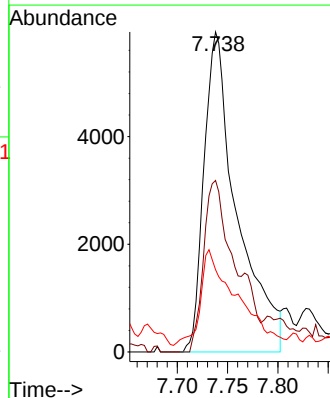
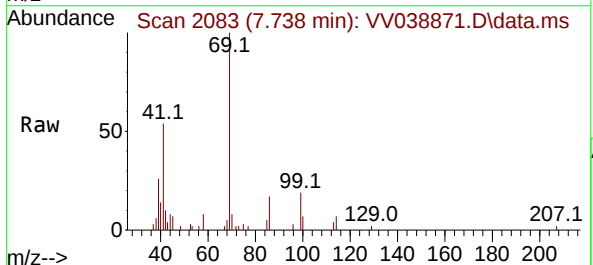
Instrument :
MSVOA_V
ClientSampleId :
MDL04

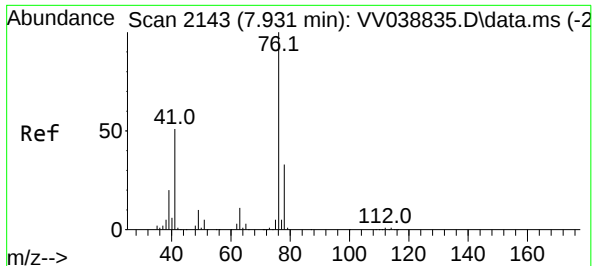
Tgt Ion: 97	Resp: 13442
Ion Ratio	Lower Upper
97 100	
83 88.3	66.2 99.4
85 47.8	42.2 63.4
99 59.2	48.9 73.3



#56
Ethyl methacrylate
Concen: 2.001 ug/l
RT: 7.738 min Scan# 2083
Delta R.T. 0.026 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion: 69	Resp: 13568
Ion Ratio	Lower Upper
69 100	
41 52.2	46.1 69.1
39 32.6	24.1 36.1





#57

1,3-Dichloropropane

Concen: 2.664 ug/l

RT: 7.947 min Scan# 2143

Delta R.T. 0.016 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

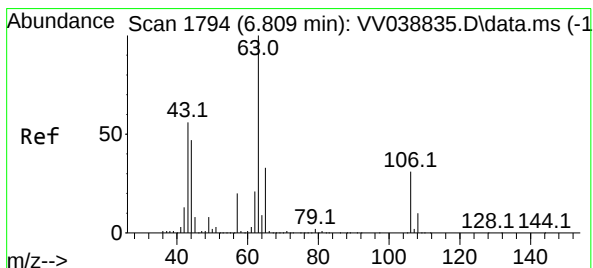
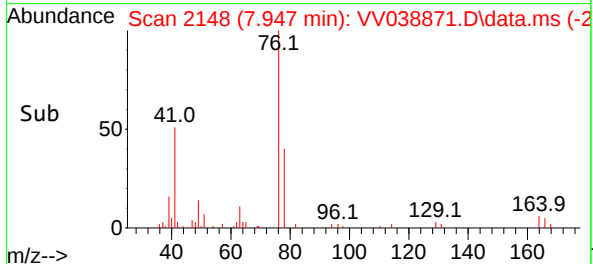
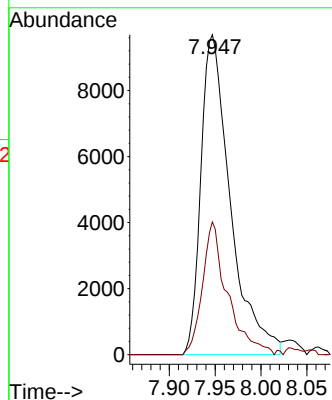
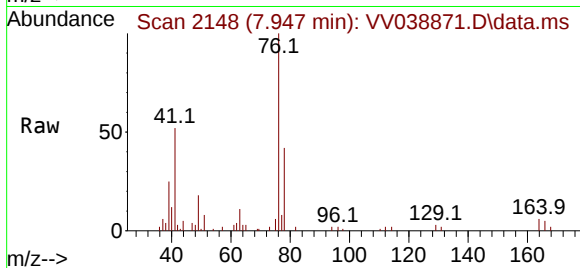
MDL04

Tgt Ion: 76 Resp: 21635

Ion Ratio Lower Upper

76 100

78 35.2 26.2 39.2



#58

2-Chloroethyl Vinyl ether

Concen: 11.883 ug/l

RT: 6.825 min Scan# 1799

Delta R.T. 0.016 min

Lab File: VV038871.D

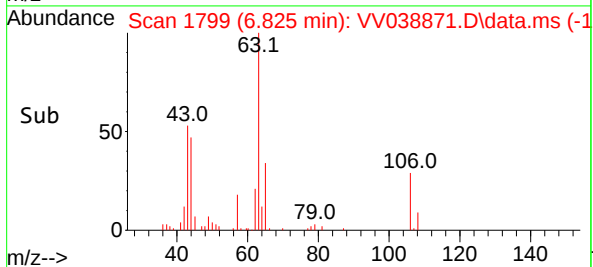
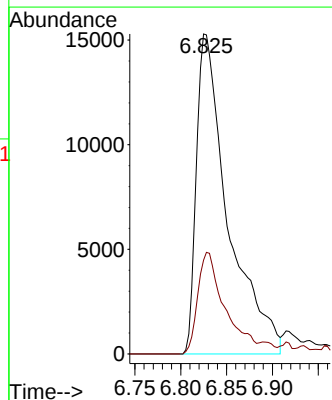
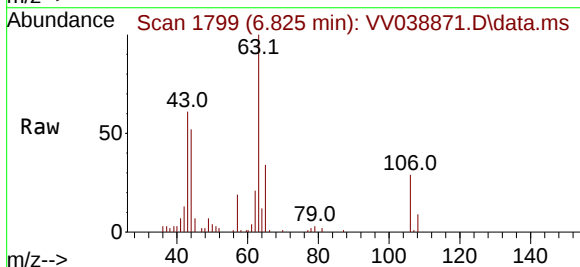
Acq: 07 Jul 2025 15:47

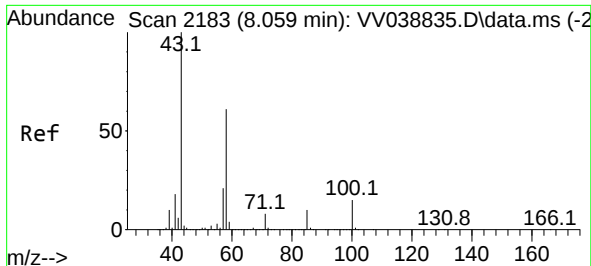
Tgt Ion: 63 Resp: 36588

Ion Ratio Lower Upper

63 100

106 27.3 24.6 37.0

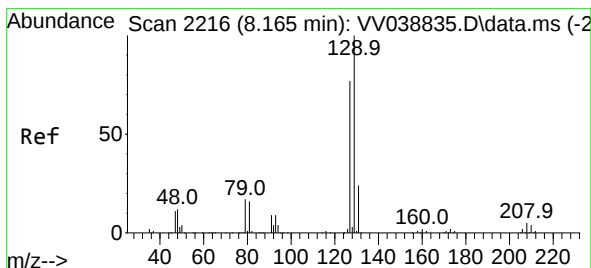
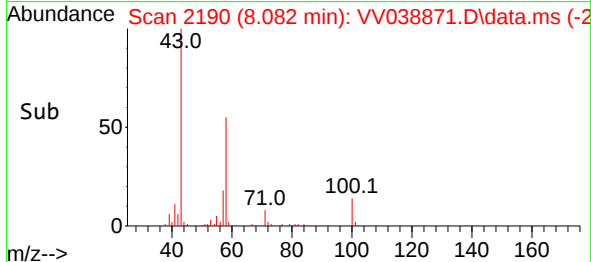
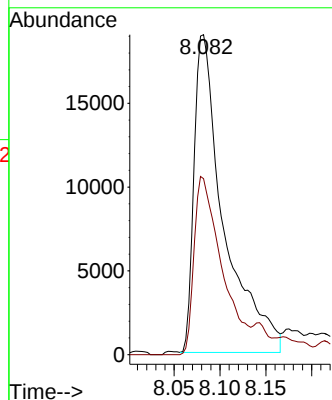
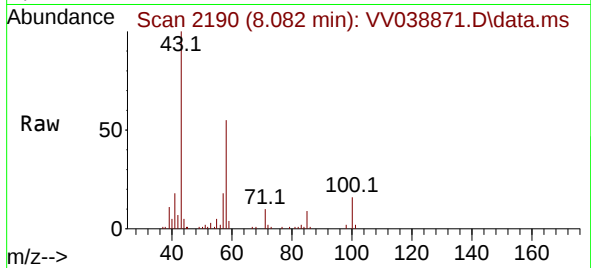




#59
2-Hexanone
Concen: 10.335 ug/l
RT: 8.082 min Scan# 2183
Delta R.T. 0.023 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

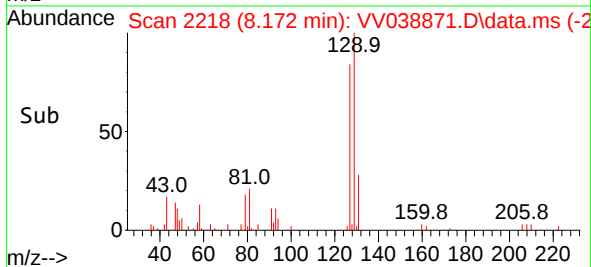
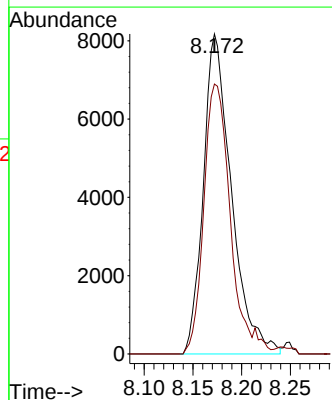
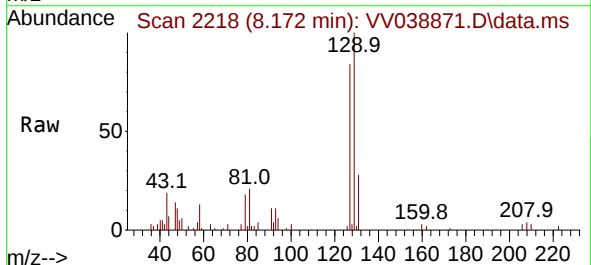
Instrument :
MSVOA_V
ClientSampleId :
MDL04

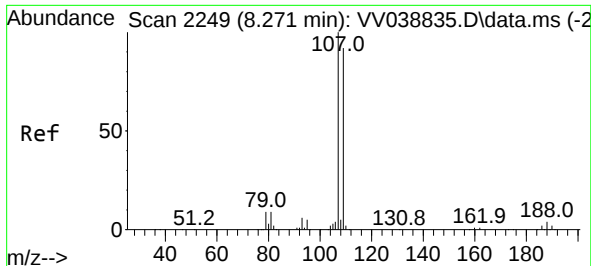
Tgt Ion: 43 Resp: 42784
Ion Ratio Lower Upper
43 100
58 52.4 30.3 91.0



#60
Dibromochloromethane
Concen: 2.520 ug/l
RT: 8.172 min Scan# 2218
Delta R.T. 0.007 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion: 129 Resp: 16353
Ion Ratio Lower Upper
129 100
127 79.8 38.2 114.6





#61

1,2-Dibromoethane

Concen: 2.700 ug/l

RT: 8.288 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

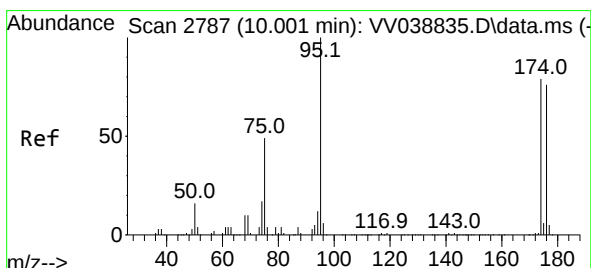
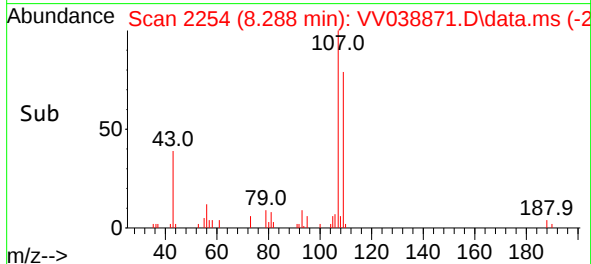
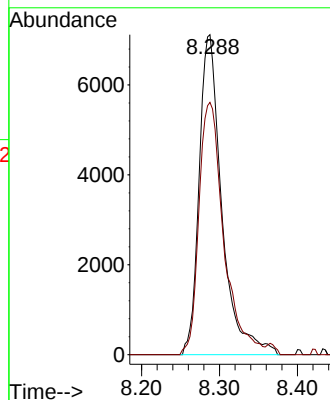
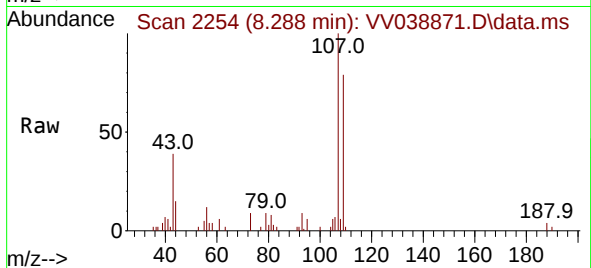
MDL04

Tgt Ion:107 Resp: 14398

Ion Ratio Lower Upper

107 100

109 86.1 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 50.239 ug/l

RT: 10.002 min Scan# 2787

Delta R.T. 0.000 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

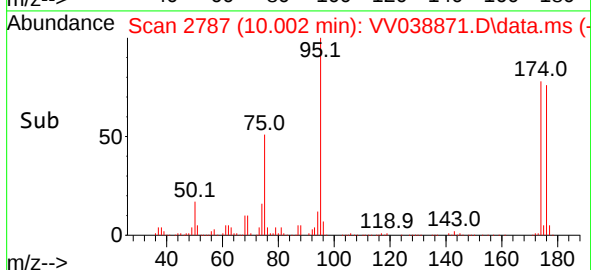
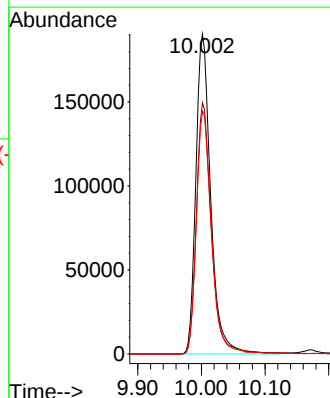
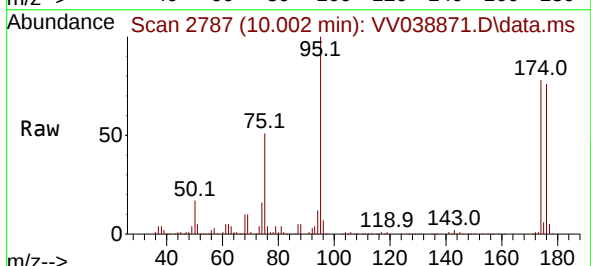
Tgt Ion: 95 Resp: 309205

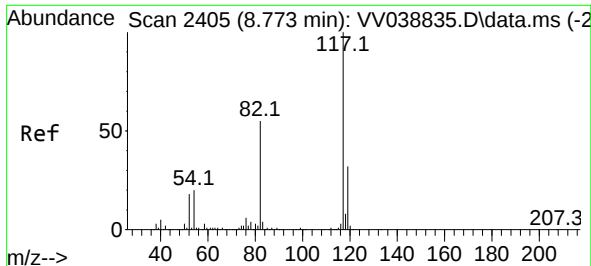
Ion Ratio Lower Upper

95 100

174 79.2 0.0 158.2

176 76.6 0.0 154.4

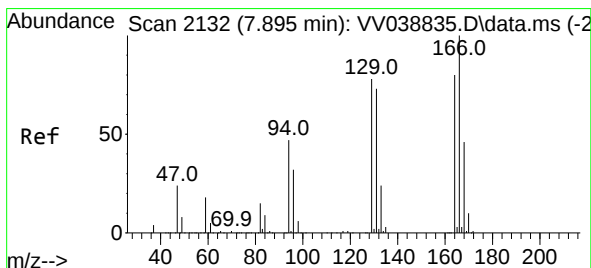
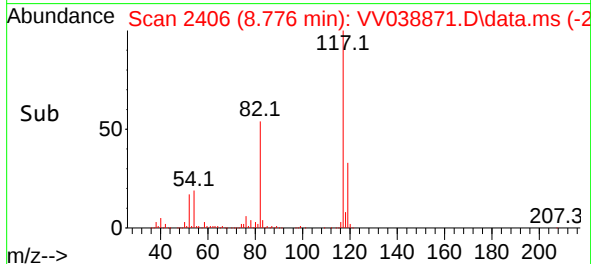
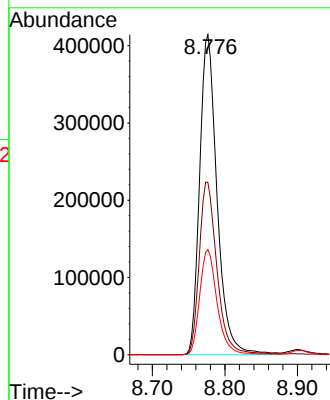
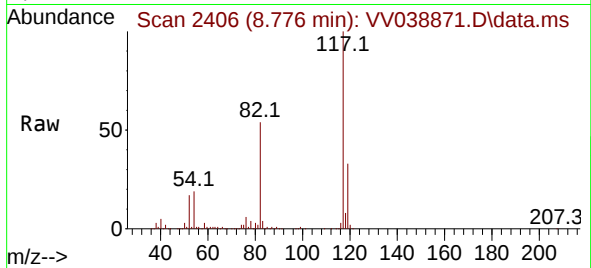




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2405
Delta R.T. 0.003 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

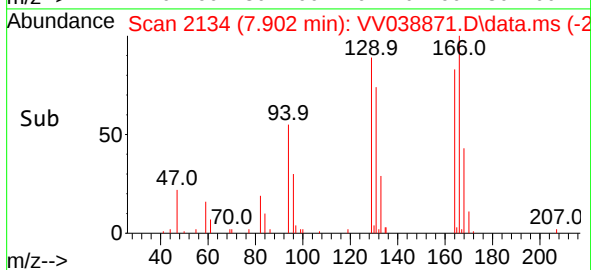
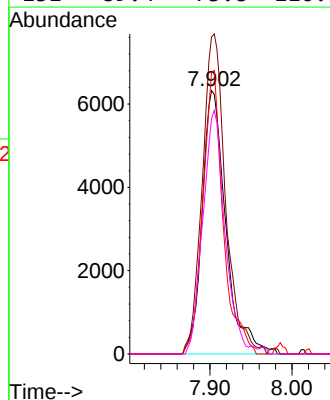
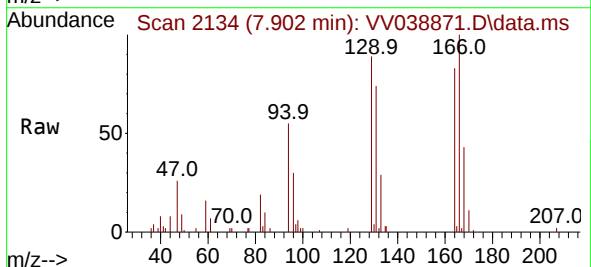
Instrument :
MSVOA_V
ClientSampleId :
MDL04

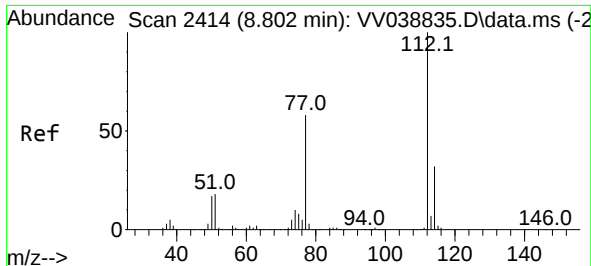
Tgt Ion:117 Resp: 692694
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.4
119 32.9 25.5 38.3



#64
Tetrachloroethene
Concen: 2.855 ug/l
RT: 7.902 min Scan# 2134
Delta R.T. 0.007 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion:164 Resp: 12719
Ion Ratio Lower Upper
164 100
166 120.4 100.6 151.0
129 106.8 78.4 117.6
131 89.4 73.8 110.6

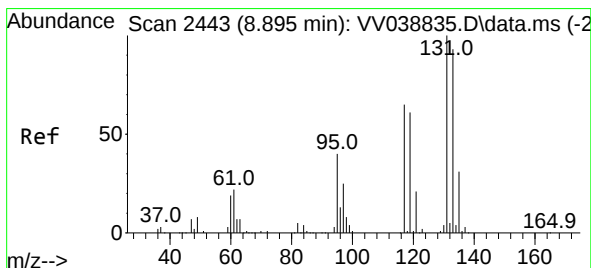
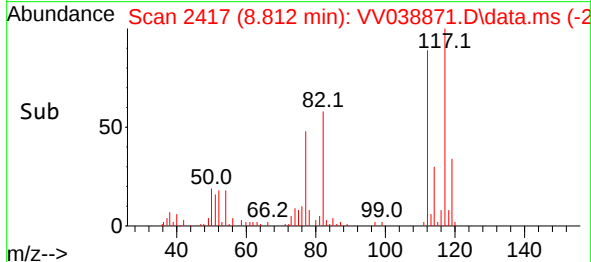
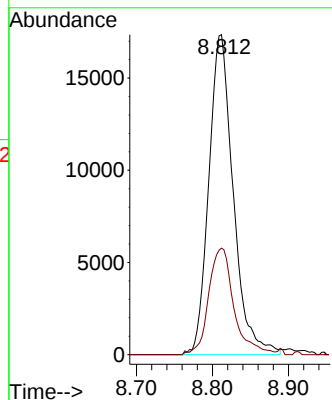
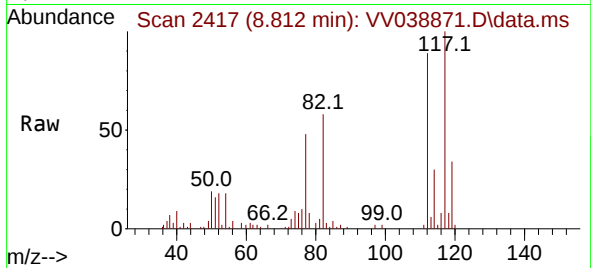




#65
Chlorobenzene
Concen: 2.650 ug/l
RT: 8.812 min Scan# 2414
Delta R.T. 0.010 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

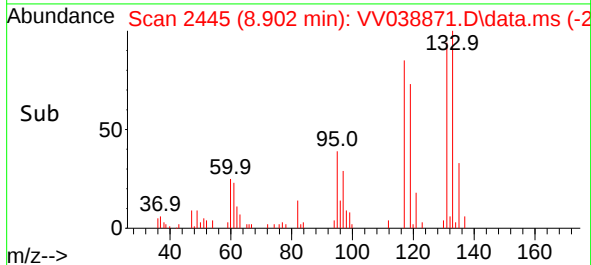
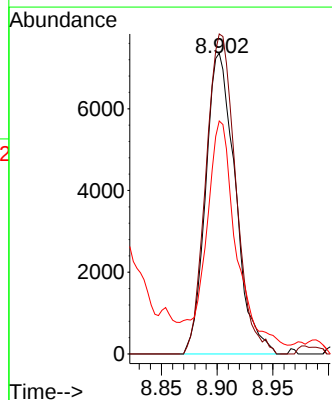
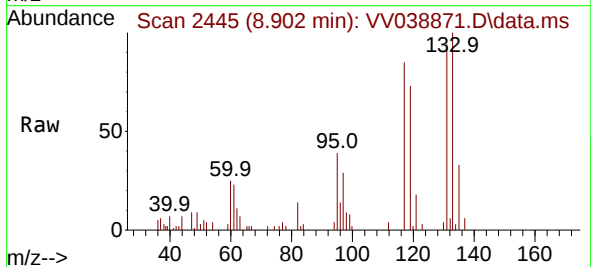
Instrument :
MSVOA_V
ClientSampleId :
MDL04

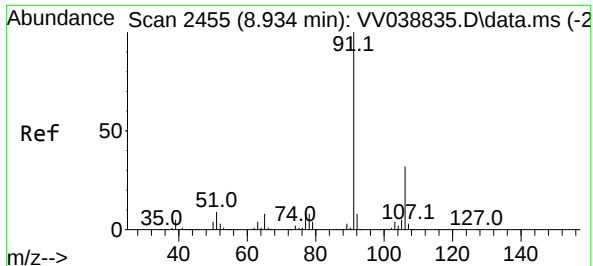
Tgt Ion:112 Resp: 38684
Ion Ratio Lower Upper
112 100
114 33.3 25.6 38.4



#66
1,1,1,2-Tetrachloroethane
Concen: 2.501 ug/l
RT: 8.902 min Scan# 2445
Delta R.T. 0.007 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion:131 Resp: 13634
Ion Ratio Lower Upper
131 100
133 106.8 47.3 142.0
119 70.9 31.0 93.0





#67

Ethyl Benzene

Concen: 2.459 ug/l

RT: 8.944 min Scan# 2455

Delta R.T. 0.010 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

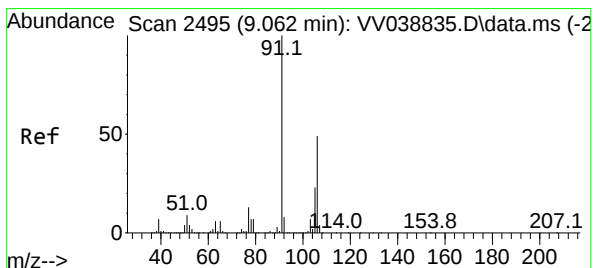
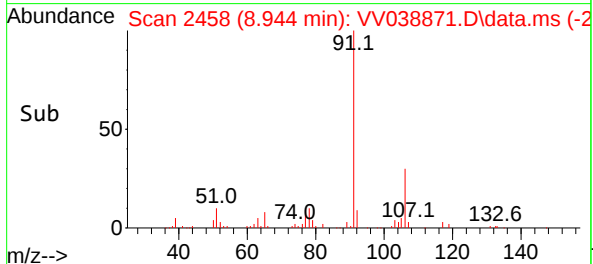
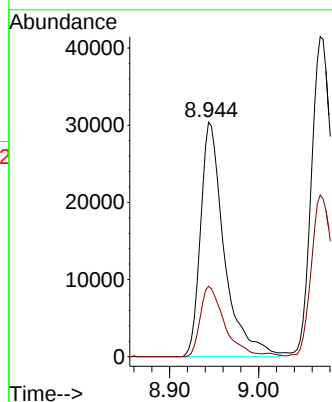
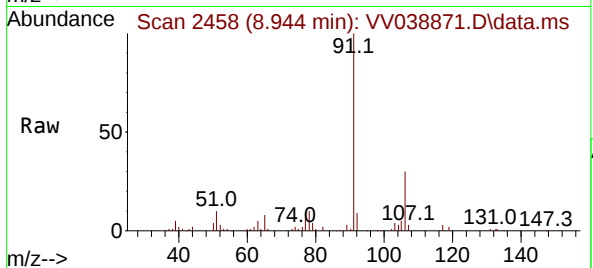
MDL04

Tgt Ion: 91 Resp: 56235

Ion Ratio Lower Upper

91 100

106 30.0 25.2 37.8



#68

m/p-Xylenes

Concen: 4.623 ug/l

RT: 9.069 min Scan# 2497

Delta R.T. 0.007 min

Lab File: VV038871.D

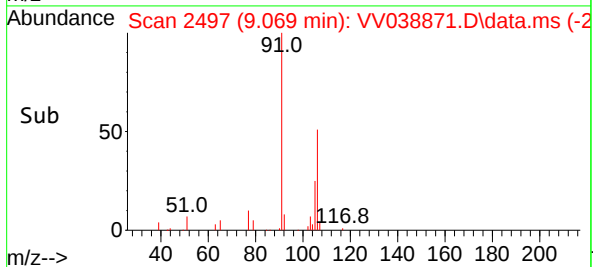
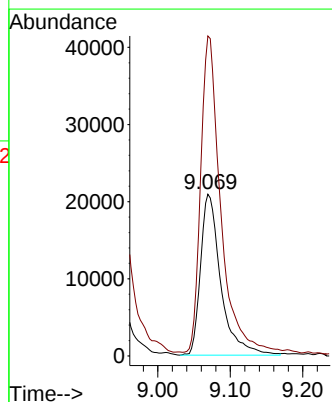
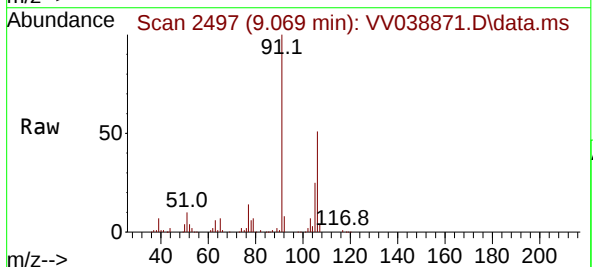
Acq: 07 Jul 2025 15:47

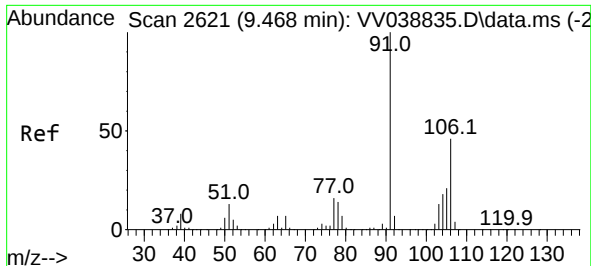
Tgt Ion: 106 Resp: 40497

Ion Ratio Lower Upper

106 100

91 193.9 162.9 244.3

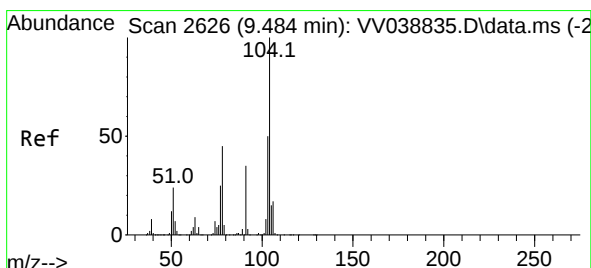
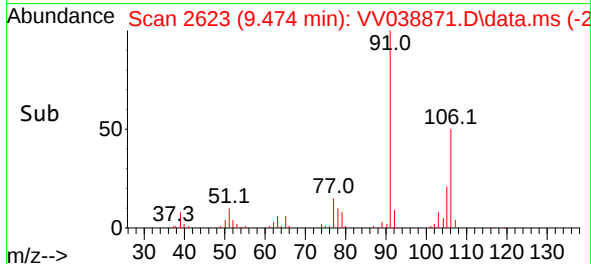
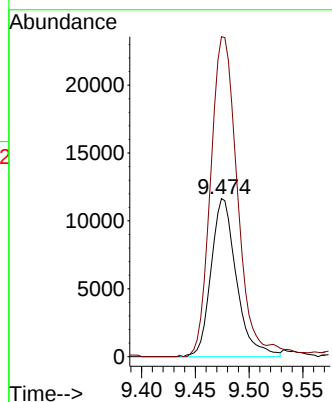
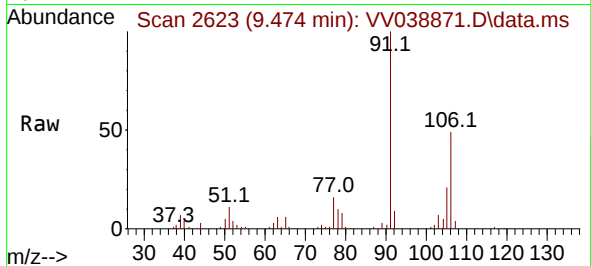




#69
o-Xylene
Concen: 2.287 ug/l
RT: 9.474 min Scan# 2623
Delta R.T. 0.007 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

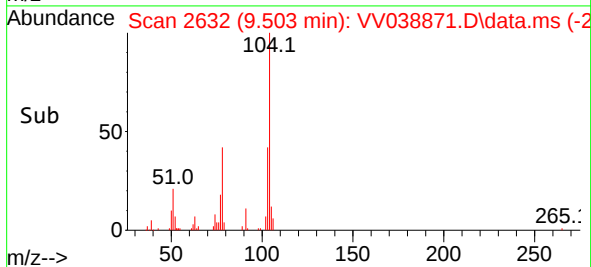
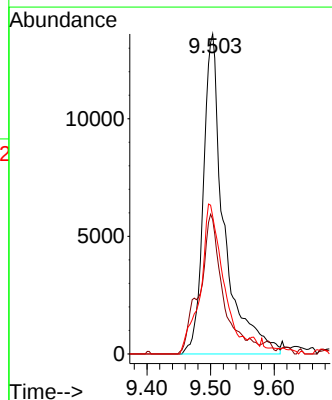
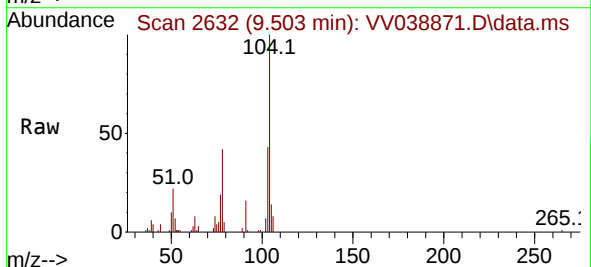
Instrument :
MSVOA_V
ClientSampleId :
MDL04

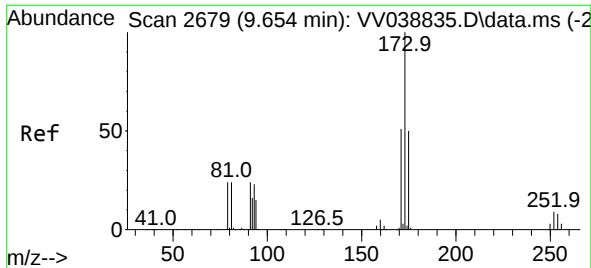
Tgt Ion:106 Resp: 19144
Ion Ratio Lower Upper
106 100
91 210.3 107.6 322.8



#70
Styrene
Concen: 2.107 ug/l
RT: 9.503 min Scan# 2632
Delta R.T. 0.019 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion:104 Resp: 30794
Ion Ratio Lower Upper
104 100
78 48.2 39.9 59.9
103 51.6 43.4 65.0

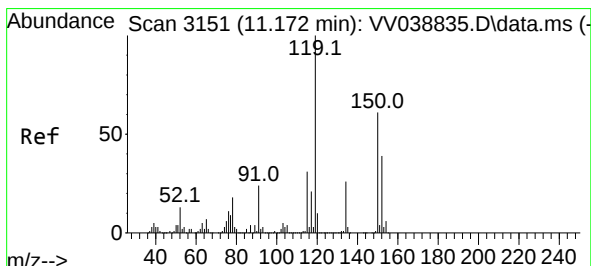
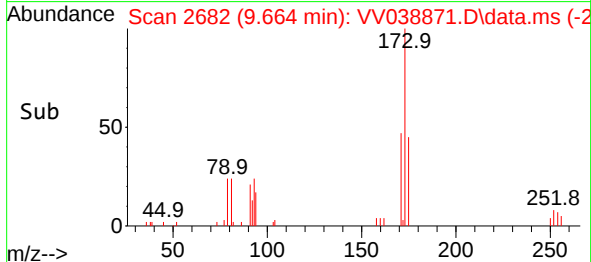
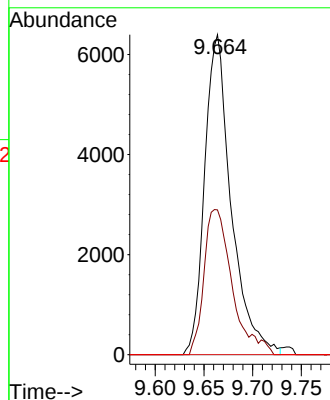
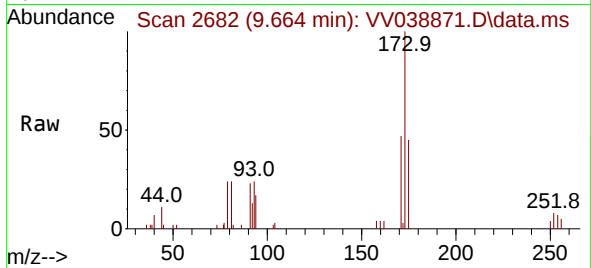




#71
Bromoform
Concen: 2.736 ug/l
RT: 9.664 min Scan# 2682
Delta R.T. 0.010 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

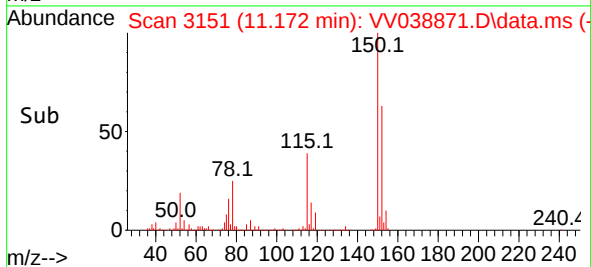
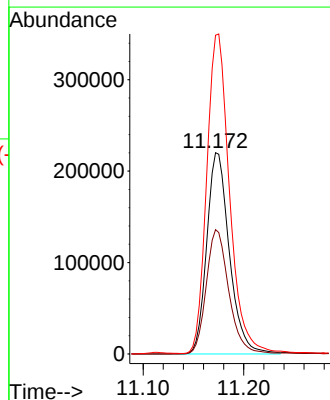
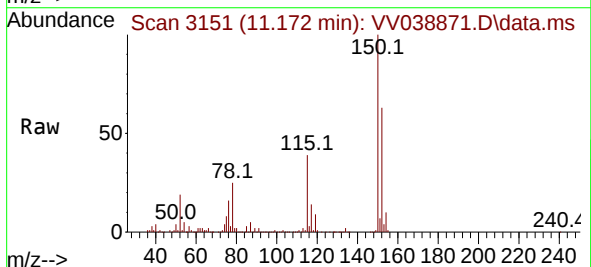
Instrument :
MSVOA_V
ClientSampleId :
MDL04

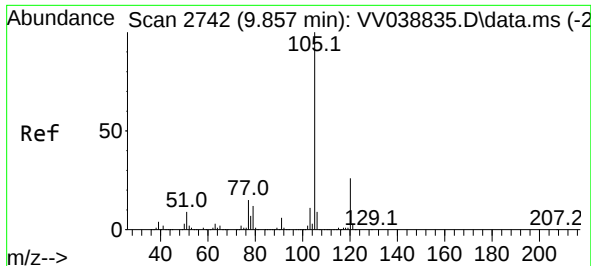
Tgt Ion:173 Resp: 12120
Ion Ratio Lower Upper
173 100
175 48.1 24.3 72.9
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.172 min Scan# 3151
Delta R.T. 0.000 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion:152 Resp: 344520
Ion Ratio Lower Upper
152 100
115 61.4 42.0 126.0
150 160.6 0.0 343.6

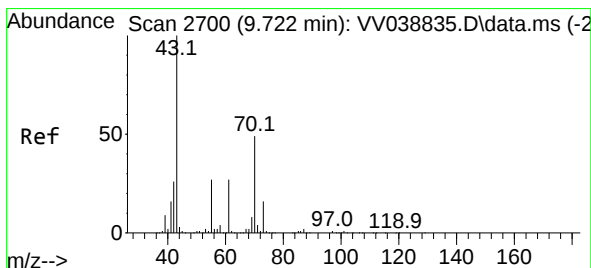
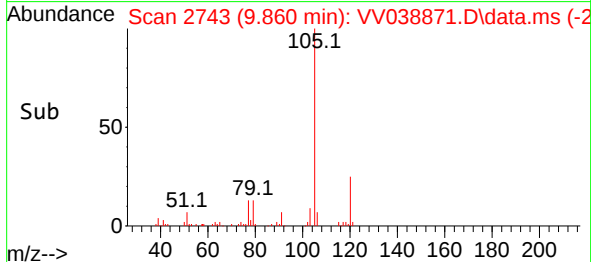
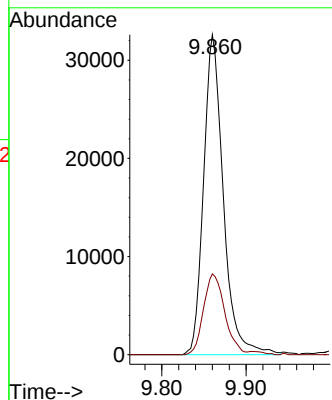
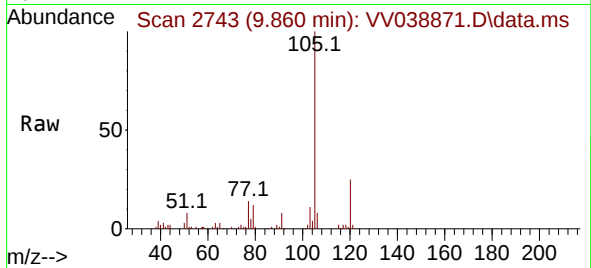




#73
Isopropylbenzene
Concen: 2.629 ug/l
RT: 9.860 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

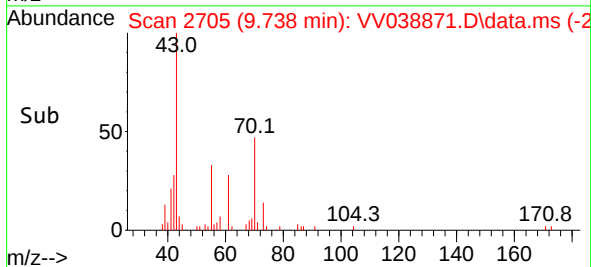
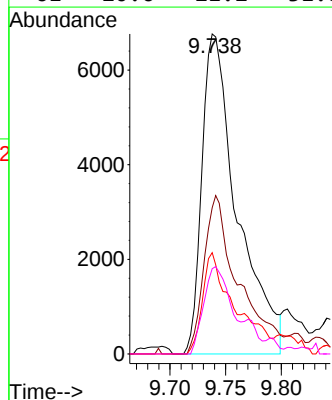
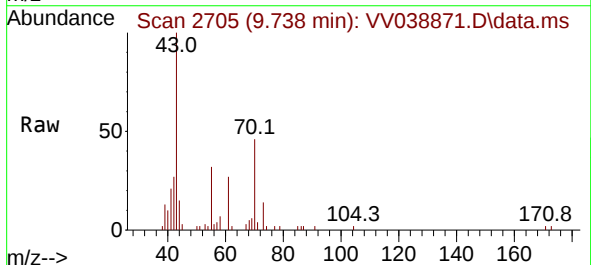
Instrument :
MSVOA_V
ClientSampleId :
MDL04

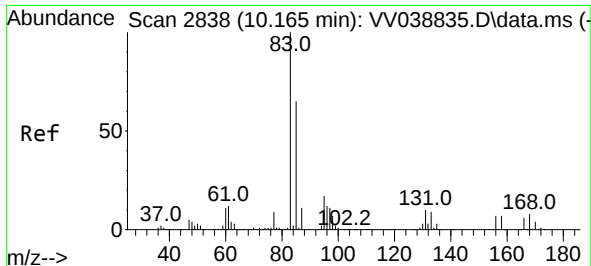
Tgt Ion:105 Resp: 53149
Ion Ratio Lower Upper
105 100
120 27.2 13.1 39.3



#74
N-ethyl acetate
Concen: 2.110 ug/l
RT: 9.738 min Scan# 2705
Delta R.T. 0.016 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion: 43 Resp: 14936
Ion Ratio Lower Upper
43 100
70 48.6 39.7 59.5
55 29.4 22.1 33.1
61 20.6 21.2 31.8#

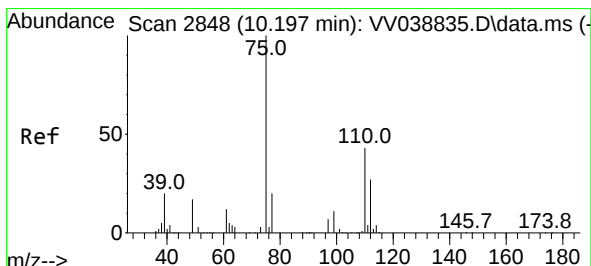
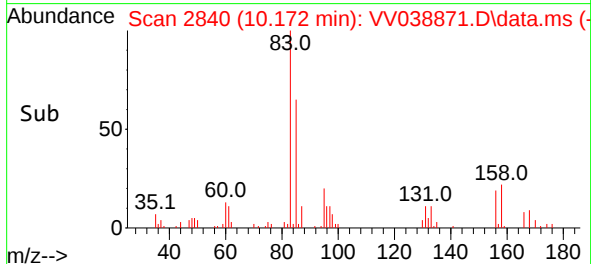
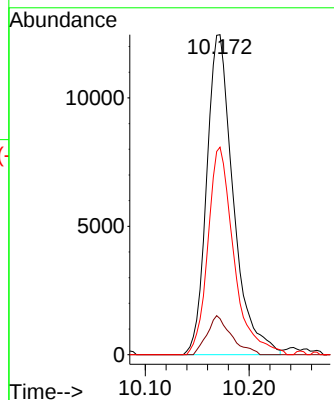
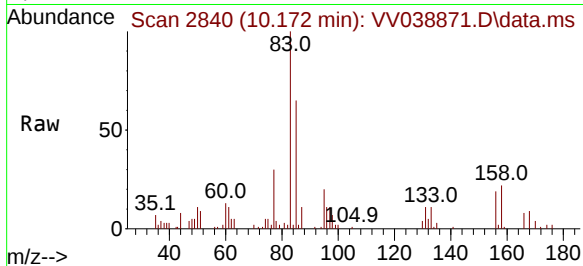




#75
1,1,2,2-Tetrachloroethane
Concen: 3.023 ug/l
RT: 10.172 min Scan# 2840
Delta R.T. 0.007 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

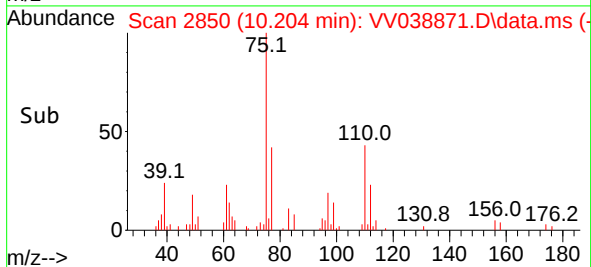
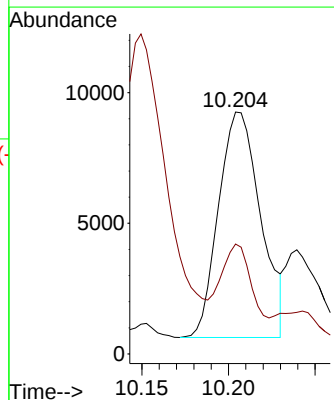
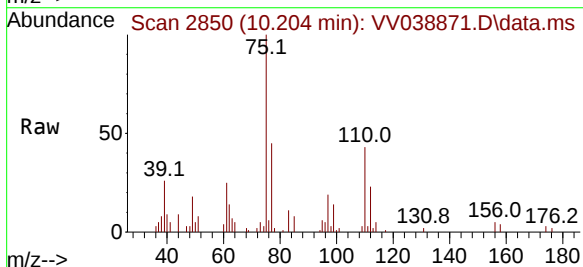
Instrument :
MSVOA_V
ClientSampleId :
MDL04

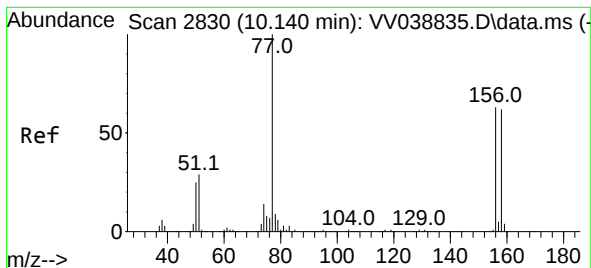
Tgt Ion: 83 Resp: 22160
Ion Ratio Lower Upper
83 100
131 11.0 5.1 15.3
85 63.1 31.6 95.0



#76
1,2,3-Trichloropropane
Concen: 2.737 ug/l
RT: 10.204 min Scan# 2850
Delta R.T. 0.007 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion: 75 Resp: 14592
Ion Ratio Lower Upper
75 100
77 24.2 11.7 35.1





#77

Bromobenzene

Concen: 2.797 ug/l

RT: 10.149 min Scan# 2830

Delta R.T. 0.010 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

MDL04

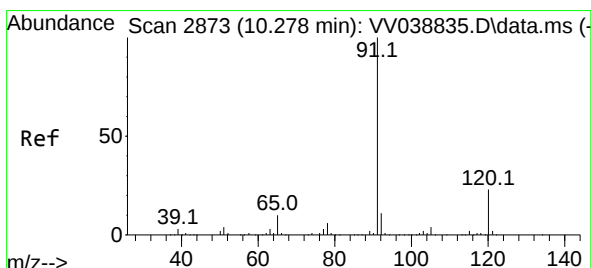
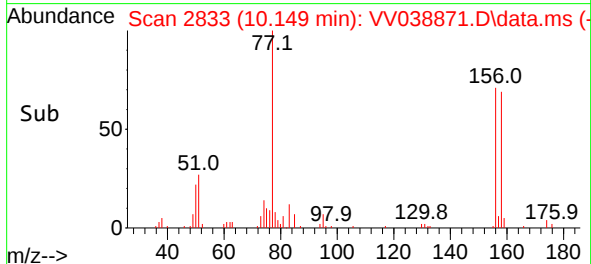
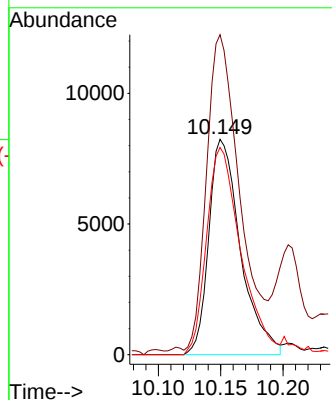
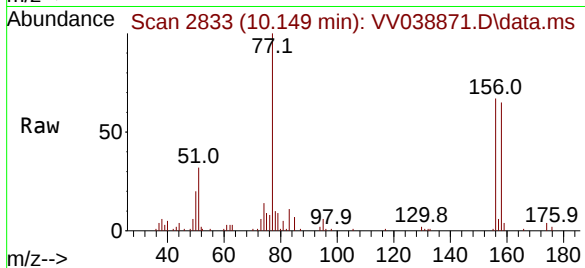
Tgt Ion:156 Resp: 14591

Ion Ratio Lower Upper

156 100

77 152.1 77.0 230.8

158 103.9 48.8 146.3



#78

n-propylbenzene

Concen: 2.523 ug/l

RT: 10.284 min Scan# 2875

Delta R.T. 0.007 min

Lab File: VV038871.D

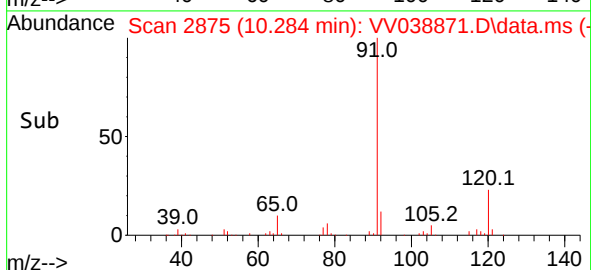
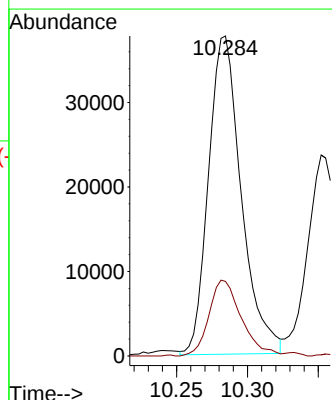
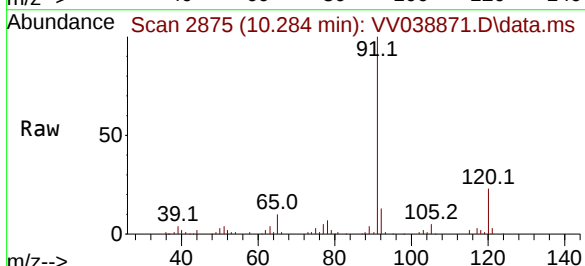
Acq: 07 Jul 2025 15:47

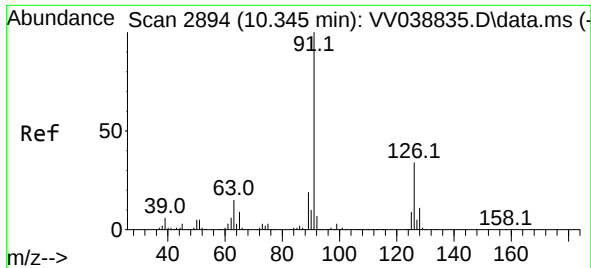
Tgt Ion: 91 Resp: 60699

Ion Ratio Lower Upper

91 100

120 23.5 11.7 35.0

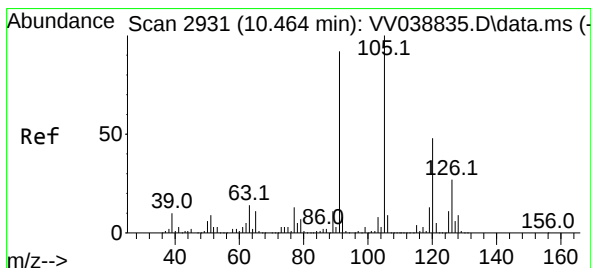
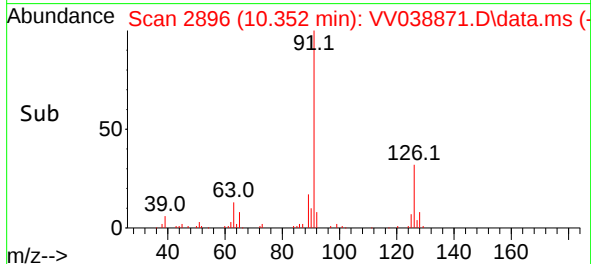
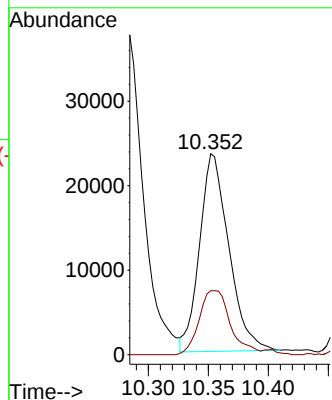
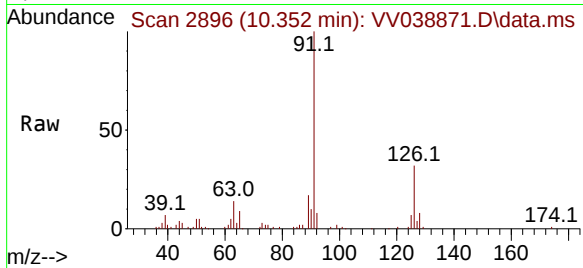




#79
2-Chlorotoluene
Concen: 2.718 ug/l
RT: 10.352 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

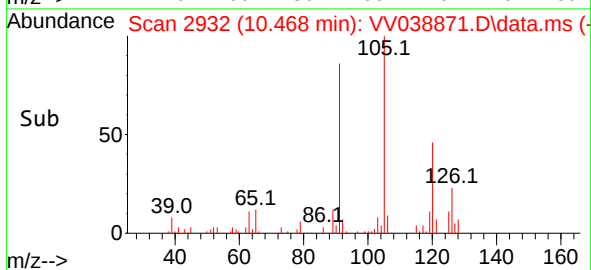
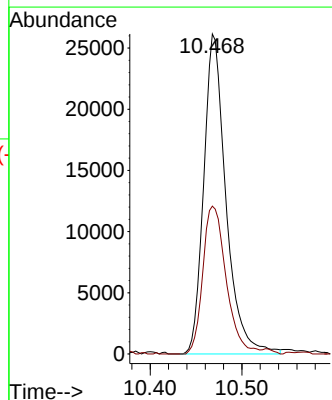
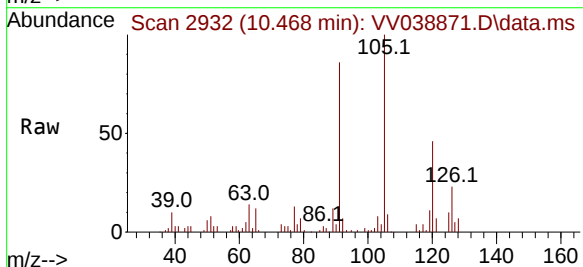
Instrument :
MSVOA_V
ClientSampleId :
MDL04

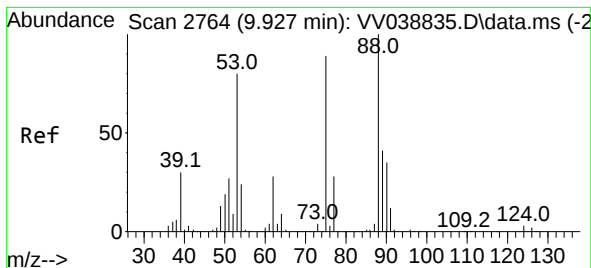
Tgt Ion: 91 Resp: 39717
Ion Ratio Lower Upper
91 100
126 34.6 17.1 51.3



#80
1,3,5-Trimethylbenzene
Concen: 2.552 ug/l
RT: 10.468 min Scan# 2932
Delta R.T. 0.003 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion: 105 Resp: 44118
Ion Ratio Lower Upper
105 100
120 48.4 23.9 71.7





#81

trans-1,4-Dichloro-2-butene

Concen: 2.217 ug/l

RT: 9.944 min Scan# 21

Delta R.T. 0.016 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

MDL04

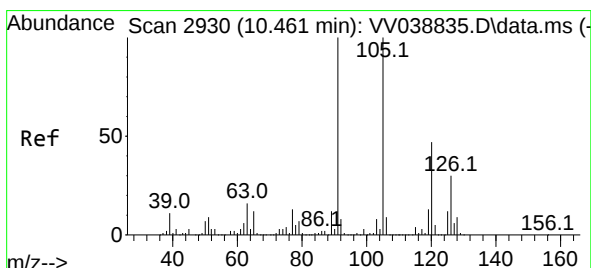
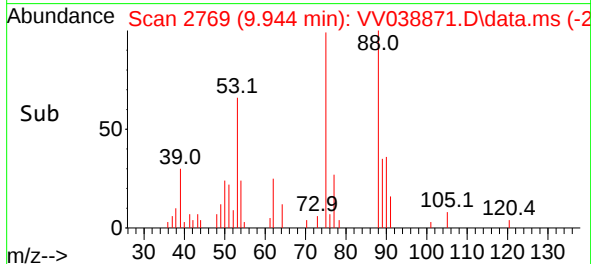
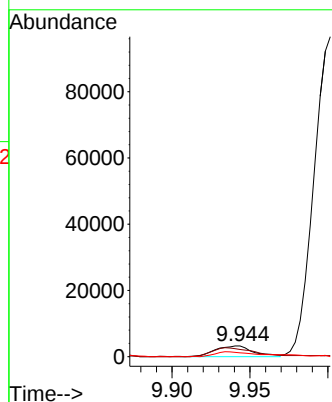
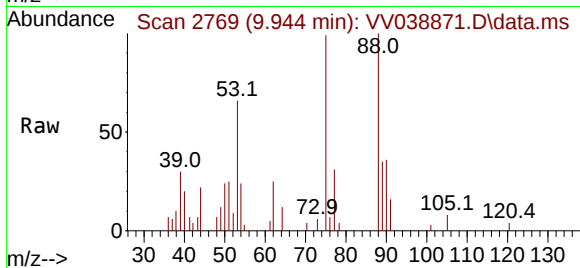
Tgt Ion: 75 Resp: 5552

Ion Ratio Lower Upper

75 100

53 91.8 71.2 106.8

89 42.7 44.6 66.8#



#82

4-Chlorotoluene

Concen: 2.503 ug/l

RT: 10.471 min Scan# 2933

Delta R.T. 0.010 min

Lab File: VV038871.D

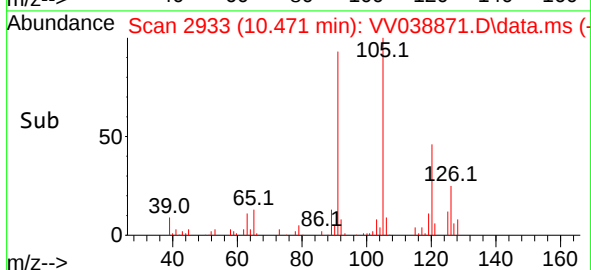
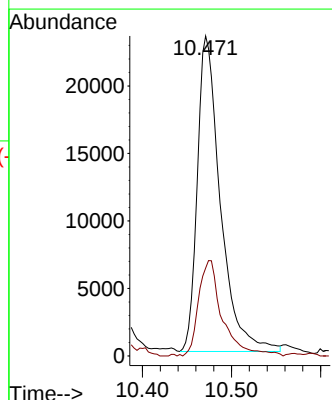
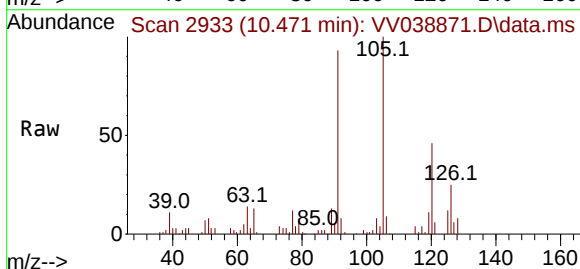
Acq: 07 Jul 2025 15:47

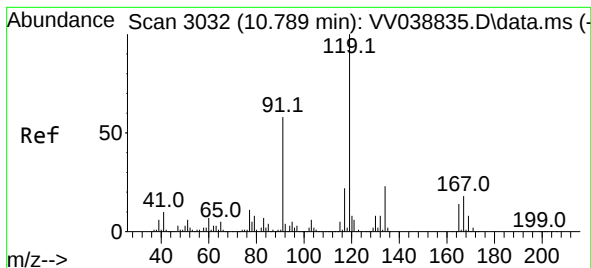
Tgt Ion: 91 Resp: 42170

Ion Ratio Lower Upper

91 100

126 31.1 14.8 44.3





#83

tert-Butylbenzene

Concen: 2.536 ug/l

RT: 10.792 min Scan# 3033

Delta R.T. 0.003 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

MDL04

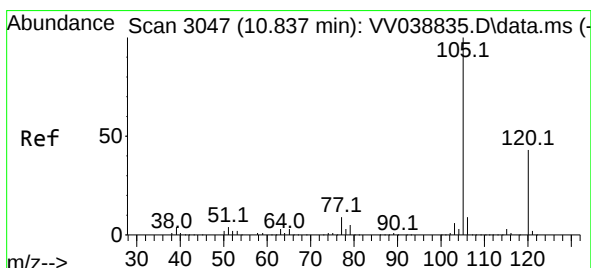
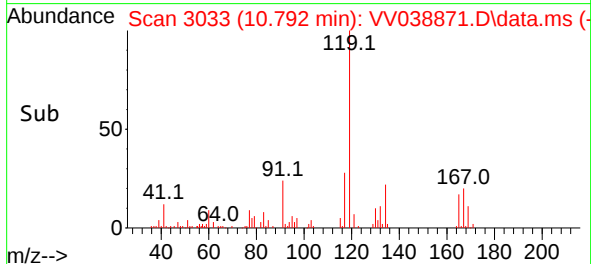
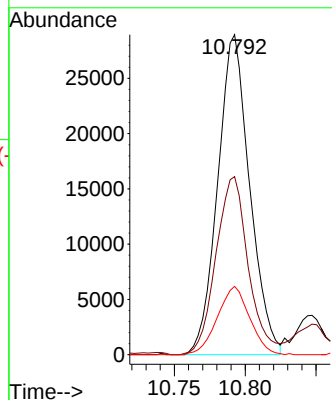
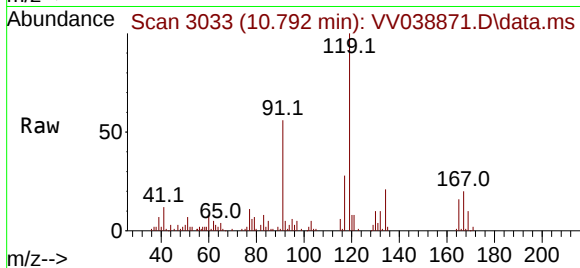
Tgt Ion:119 Resp: 45473

Ion Ratio Lower Upper

119 100

91 56.2 28.5 85.5

134 21.5 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 2.272 ug/l

RT: 10.847 min Scan# 3050

Delta R.T. 0.010 min

Lab File: VV038871.D

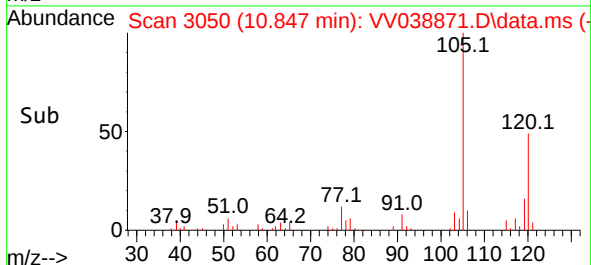
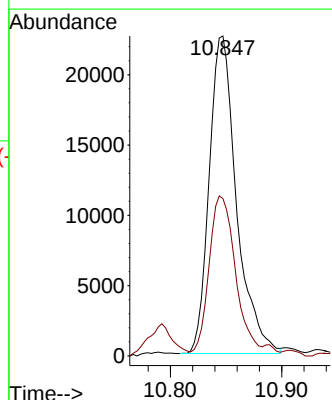
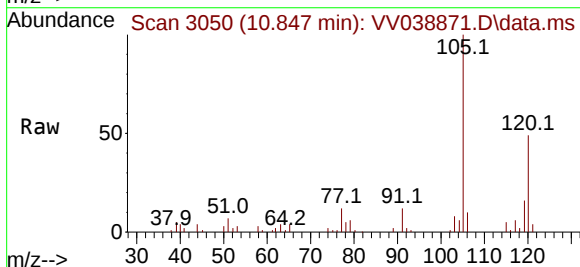
Acq: 07 Jul 2025 15:47

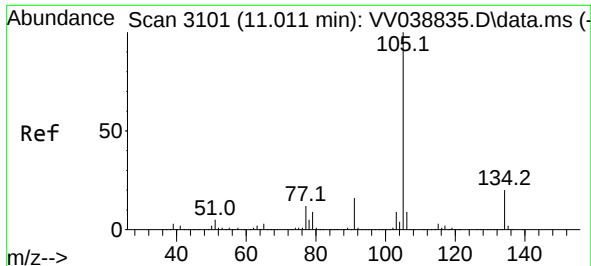
Tgt Ion:105 Resp: 38495

Ion Ratio Lower Upper

105 100

120 46.4 22.7 68.0

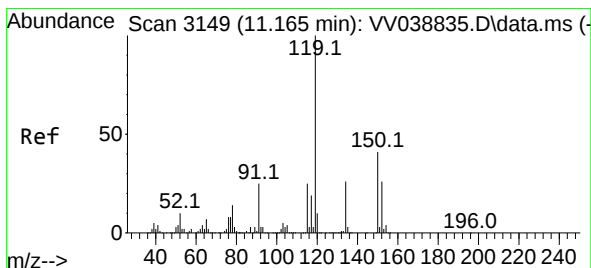
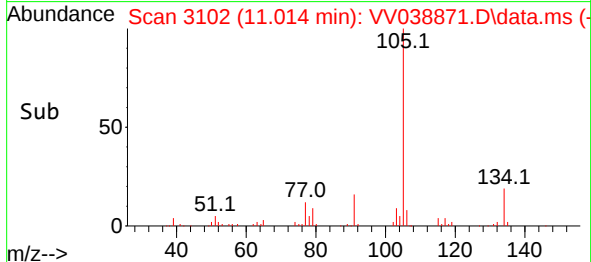
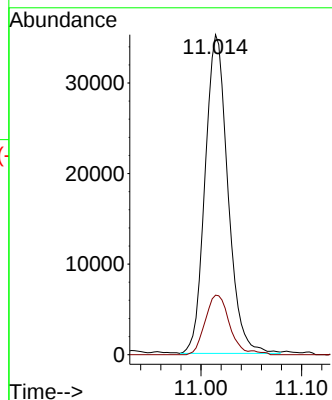
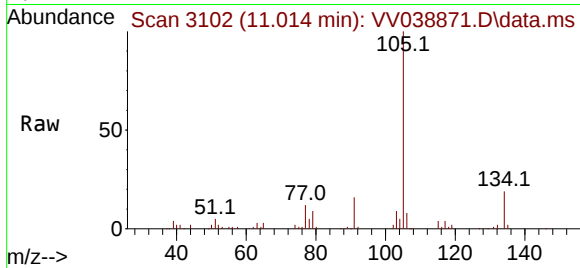




#85
 sec-Butylbenzene
 Concen: 2.429 ug/l
 RT: 11.014 min Scan# 3101
 Delta R.T. 0.003 min
 Lab File: VV038871.D
 Acq: 07 Jul 2025 15:47

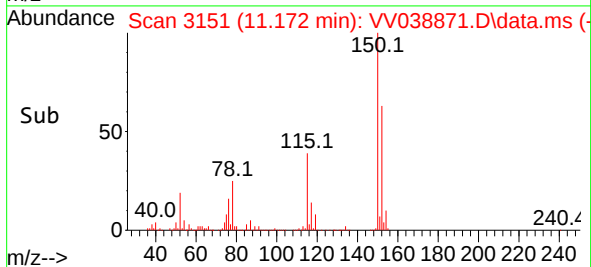
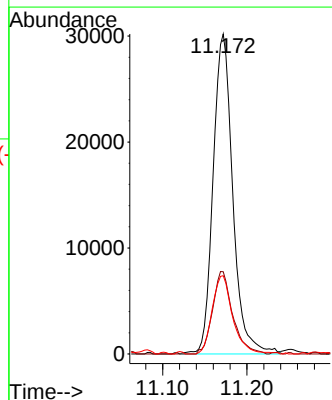
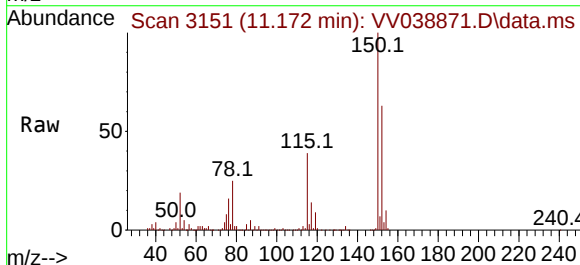
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL04

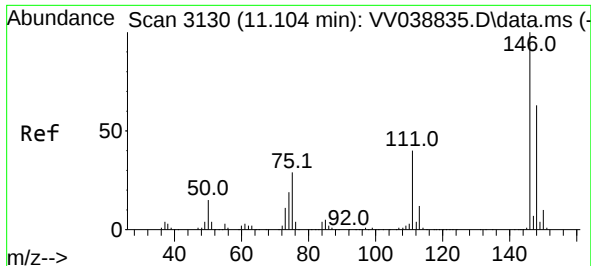
Tgt Ion:105 Resp: 55447
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 2.502 ug/l
 RT: 11.172 min Scan# 3151
 Delta R.T. 0.007 min
 Lab File: VV038871.D
 Acq: 07 Jul 2025 15:47

Tgt Ion:119 Resp: 48968
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.0 39.0
 91 25.6 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 2.576 ug/l

RT: 11.114 min Scan# 31

Delta R.T. 0.010 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

MDL04

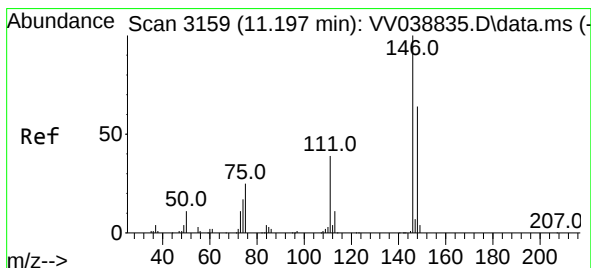
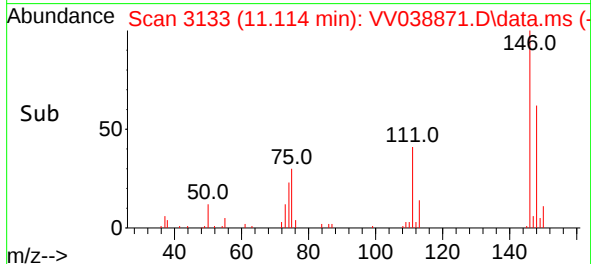
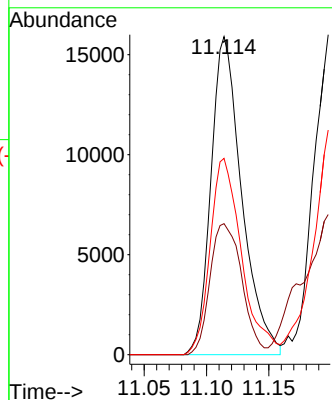
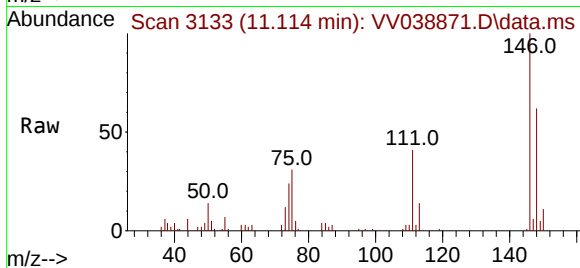
Tgt Ion:146 Resp: 27321

Ion Ratio Lower Upper

146 100

111 42.6 20.2 60.6

148 63.4 31.3 93.8



#88

1,4-Dichlorobenzene

Concen: 2.974 ug/l

RT: 11.201 min Scan# 3160

Delta R.T. 0.003 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

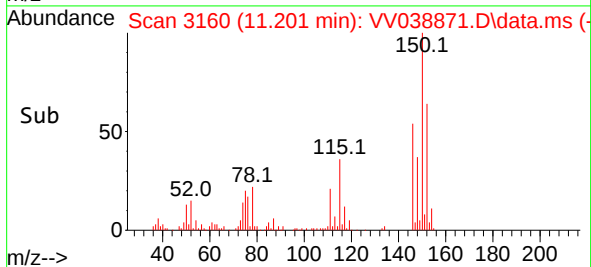
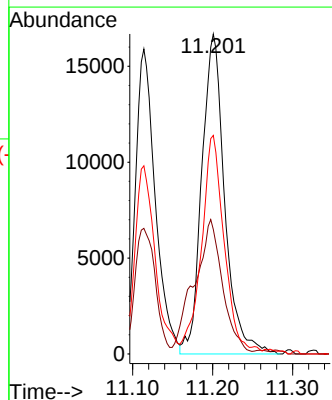
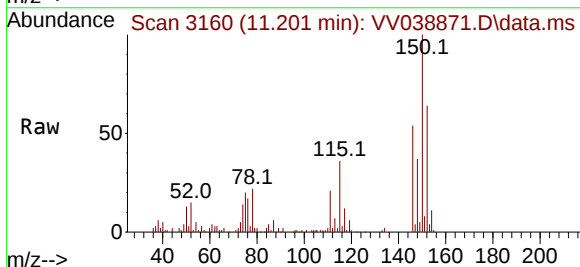
Tgt Ion:146 Resp: 33233

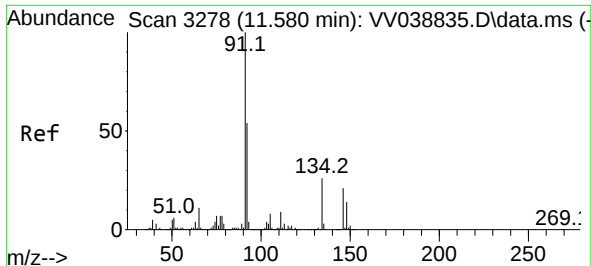
Ion Ratio Lower Upper

146 100

111 50.7 19.8 59.3

148 66.3 32.0 96.2





#89

n-Butylbenzene

Concen: 2.248 ug/l

RT: 11.587 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

MDL04

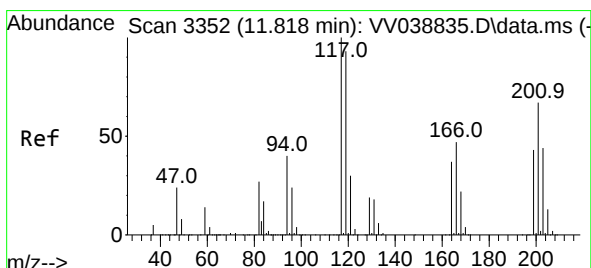
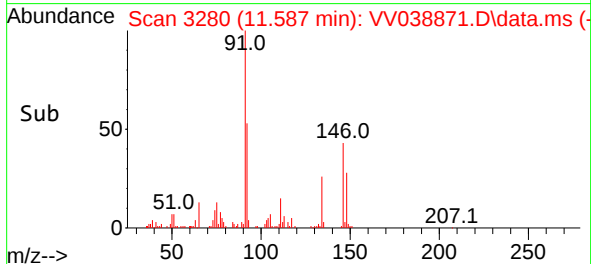
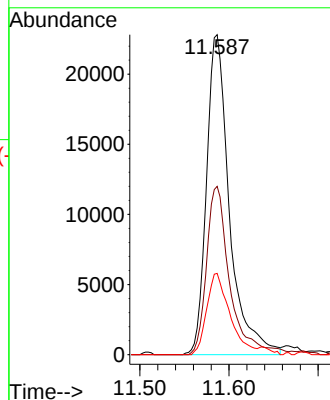
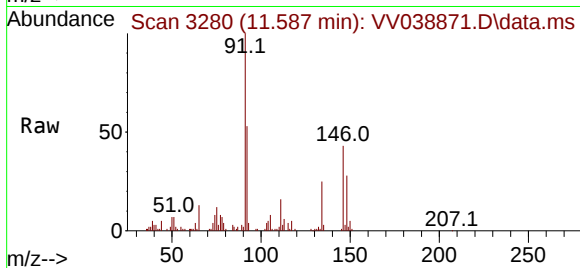
Tgt Ion: 91 Resp: 40781

Ion Ratio Lower Upper

91 100

92 53.3 26.7 80.0

134 25.7 12.9 38.7



#90

Hexachloroethane

Concen: 2.864 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.003 min

Lab File: VV038871.D

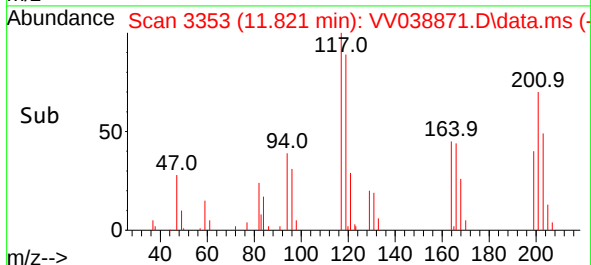
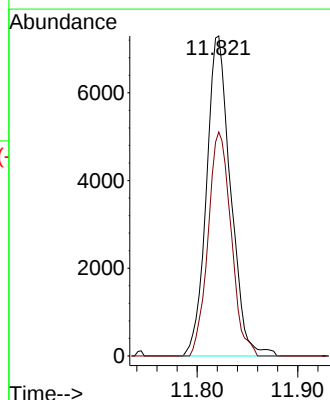
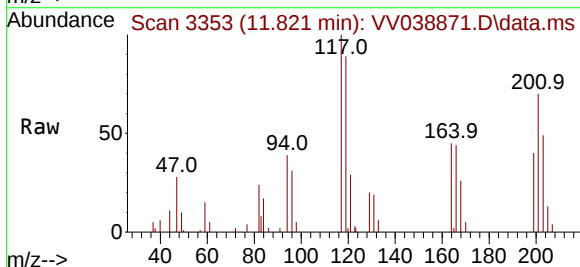
Acq: 07 Jul 2025 15:47

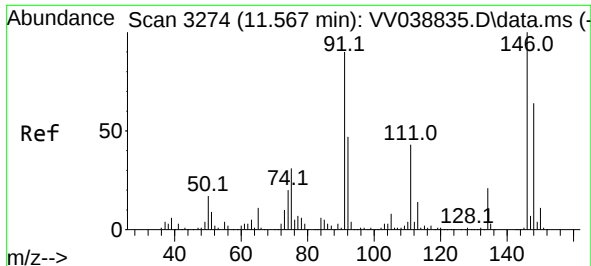
Tgt Ion: 117 Resp: 12165

Ion Ratio Lower Upper

117 100

201 66.7 34.4 103.1

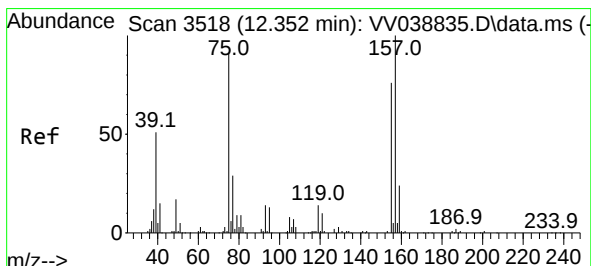
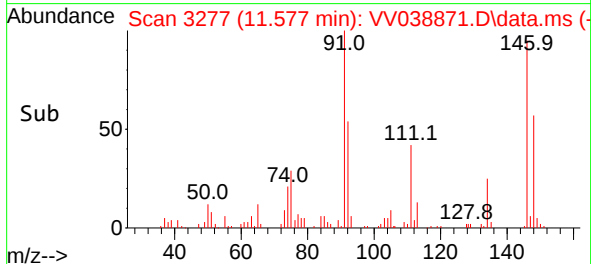
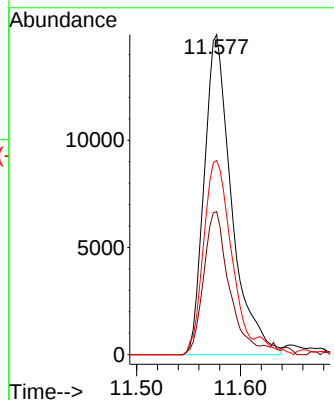
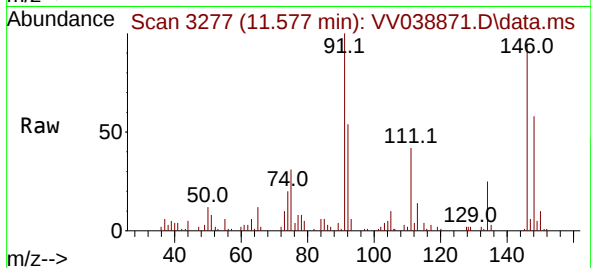




#91
1,2-Dichlorobenzene
Concen: 2.731 ug/l
RT: 11.577 min Scan# 311
Delta R.T. 0.010 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

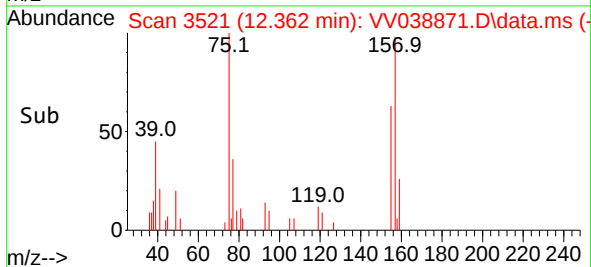
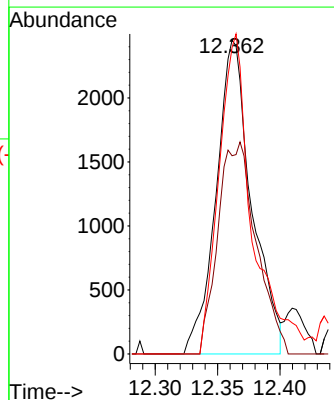
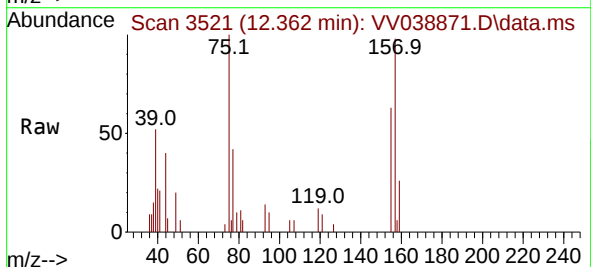
Instrument :
MSVOA_V
ClientSampleId :
MDL04

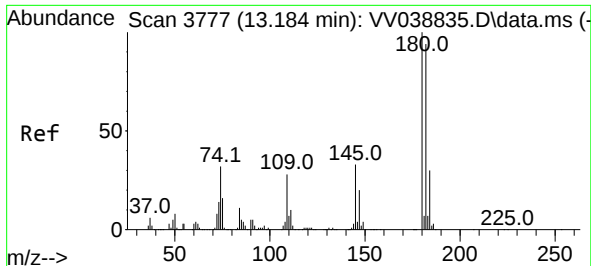
Tgt Ion:146 Resp: 27297
Ion Ratio Lower Upper
146 100
111 42.4 21.3 63.7
148 61.1 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.132 ug/l
RT: 12.362 min Scan# 3521
Delta R.T. 0.010 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion: 75 Resp: 4860
Ion Ratio Lower Upper
75 100
155 72.8 43.2 129.6
157 96.4 54.9 164.5

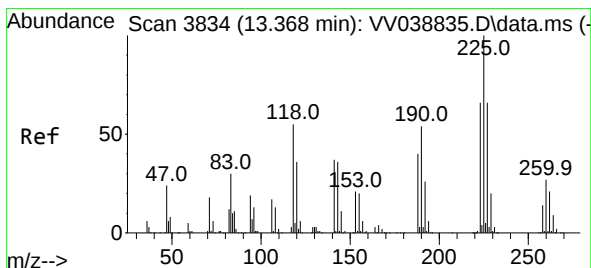
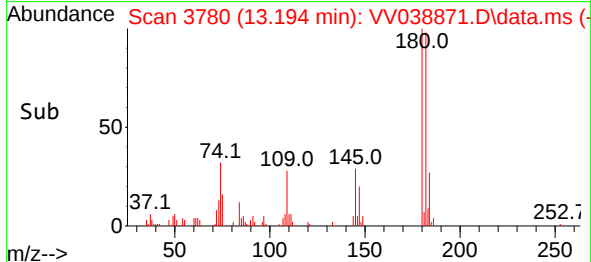
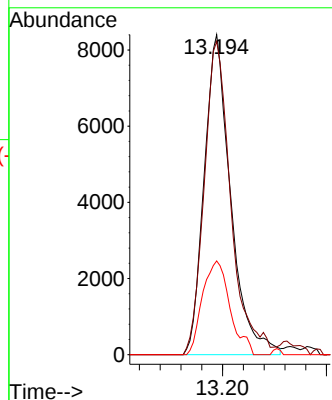
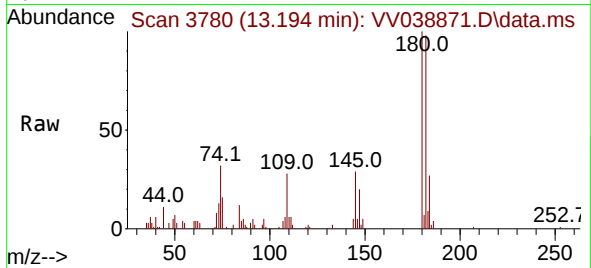




#93
1,2,4-Trichlorobenzene
Concen: 2.294 ug/l
RT: 13.194 min Scan# 31
Delta R.T. 0.010 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

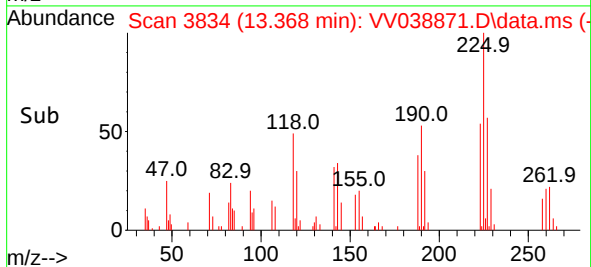
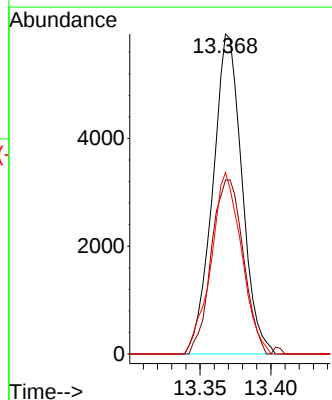
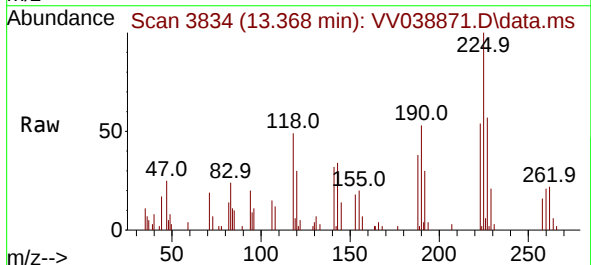
Instrument :
MSVOA_V
ClientSampleId :
MDL04

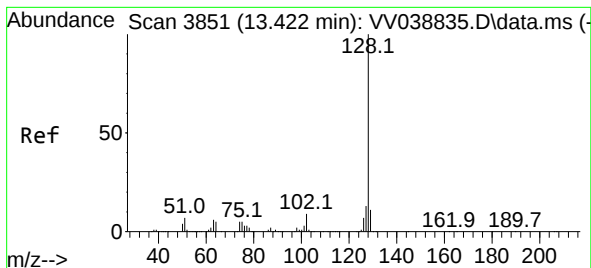
Tgt Ion:180 Resp: 14860
Ion Ratio Lower Upper
180 100
182 98.5 47.6 142.8
145 30.4 16.4 49.1



#94
Hexachlorobutadiene
Concen: 2.727 ug/l
RT: 13.368 min Scan# 3834
Delta R.T. 0.000 min
Lab File: VV038871.D
Acq: 07 Jul 2025 15:47

Tgt Ion:225 Resp: 8526
Ion Ratio Lower Upper
225 100
223 59.4 33.2 99.6
227 59.2 32.3 96.8





#95

Naphthalene

Concen: 2.146 ug/l

RT: 13.432 min Scan# 3854

Delta R.T. 0.010 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Instrument :

MSVOA_V

ClientSampleId :

MDL04

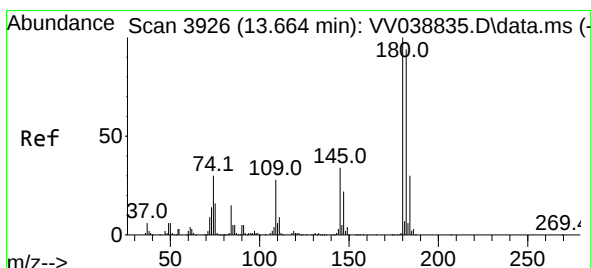
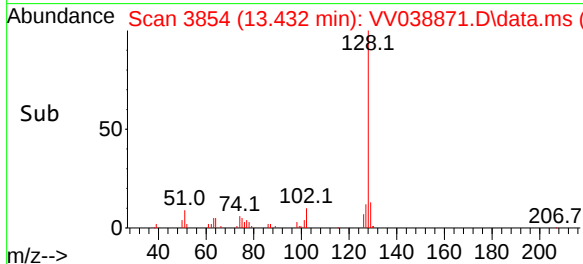
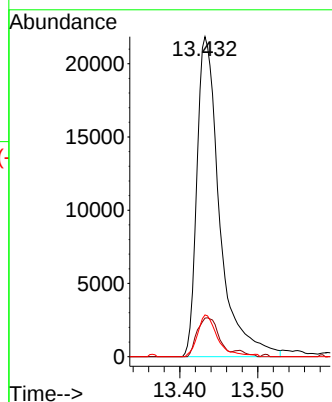
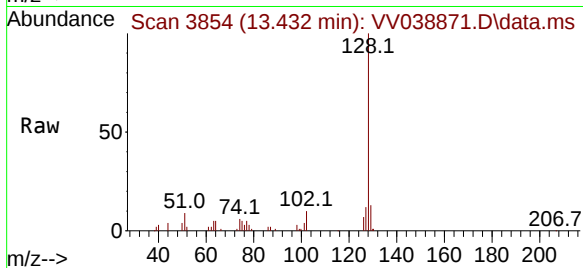
Tgt Ion:128 Resp: 44237

Ion Ratio Lower Upper

128 100

127 11.4 10.2 15.4

129 11.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 2.274 ug/l

RT: 13.673 min Scan# 3929

Delta R.T. 0.010 min

Lab File: VV038871.D

Acq: 07 Jul 2025 15:47

Tgt Ion:180 Resp: 15203

Ion Ratio Lower Upper

180 100

182 95.9 47.3 141.9

145 34.1 17.1 51.2

