

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038986.D
 Acq On : 21 Aug 2025 17:30
 Operator : SY/MD
 Sample : VV0821WBSD01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 22 04:33:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	484688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	811429	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	760113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	414371	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	348406	51.229	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 102.460%	
35) Dibromofluoromethane	4.503	113	299437	49.207	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 98.420%	
50) Toluene-d8	7.236	98	1038226	48.927	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 97.860%	
62) 4-Bromofluorobenzene	10.001	95	380040	48.957	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 97.920%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	129284	17.843	ug/l	99
3) Chloromethane	1.227	50	134516	17.973	ug/l	97
4) Vinyl Chloride	1.294	62	144324	18.276	ug/l	99
5) Bromomethane	1.497	94	82466	19.323	ug/l	93
6) Chloroethane	1.561	64	76591	19.033	ug/l	95
7) Trichlorofluoromethane	1.725	101	198661	18.363	ug/l	100
8) Diethyl Ether	1.918	74	62989	18.933	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.079	101	104100	17.433	ug/l	98
10) Methyl Iodide	2.195	142	143568	19.324	ug/l	98
11) Tert butyl alcohol	2.564	59	100539	109.223	ug/l	97
12) 1,1-Dichloroethene	2.082	96	101714	18.491	ug/l	96
13) Acrolein	2.008	56	33633	101.967	ug/l	99
14) Allyl chloride	2.359	41	138354	18.838	ug/l	97
15) Acrylonitrile	2.674	53	284328	102.208	ug/l	99
16) Acetone	2.118	43	251239	92.041	ug/l	98
17) Carbon Disulfide	2.253	76	279496	18.268	ug/l	100
18) Methyl Acetate	2.381	43	118850	20.542	ug/l	97
19) Methyl tert-butyl Ether	2.709	73	336343	20.678	ug/l	100
20) Methylene Chloride	2.458	84	111198	17.530	ug/l	96
21) trans-1,2-Dichloroethene	2.703	96	108816	18.992	ug/l	99
22) Diisopropyl ether	3.214	45	306886	19.031	ug/l	92
23) Vinyl Acetate	3.191	43	1264706	97.744	ug/l	99
24) 1,1-Dichloroethane	3.121	63	192402	18.012	ug/l	98
25) 2-Butanone	3.867	43	432465	121.768	ug/l	97
26) 2,2-Dichloropropane	3.815	77	199439	19.463	ug/l	99
27) cis-1,2-Dichloroethene	3.825	96	141887	20.518	ug/l	96
28) Bromochloromethane	4.150	49	43842	18.973	ug/l	91
29) Tetrahydrofuran	4.233	42	284325	119.929	ug/l	91
30) Chloroform	4.281	83	247192	20.251	ug/l	99
31) Cyclohexane	4.587	56	196088	20.575	ug/l	94
32) 1,1,1-Trichloroethane	4.513	97	220064	19.189	ug/l	99
36) 1,1-Dichloropropene	4.748	75	155981	19.737	ug/l	95
37) Ethyl Acetate	3.979	43	166024	21.502	ug/l	95
38) Carbon Tetrachloride	4.738	117	190841	18.033	ug/l	100
39) Methylcyclohexane	6.047	83	193000	19.113	ug/l	94
40) Benzene	5.015	78	494339	19.971	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.169	41	68265	23.463	ug/l	94
42) 1,2-Dichloroethane	5.043	62	175431	19.387	ug/l	99
43) Isopropyl Acetate	5.195	43	253009	21.475	ug/l	97
44) Trichloroethene	5.834	130	127969	19.060	ug/l	98
45) 1,2-Dichloropropane	6.092	63	123824	20.859	ug/l	96
46) Dibromomethane	6.230	93	96227	19.318	ug/l	94
47) Bromodichloromethane	6.429	83	192054	18.945	ug/l	96
48) Methyl methacrylate	6.301	41	110496	20.923	ug/l	96
49) 1,4-Dioxane	6.291	88	40268	456.010	ug/l	92
51) 4-Methyl-2-Pentanone	7.146	43	900583	116.420	ug/l	97
52) Toluene	7.310	92	318800	20.337	ug/l	100
53) t-1,3-Dichloropropene	7.577	75	183850	19.400	ug/l	99
54) cis-1,3-Dichloropropene	6.950	75	199956	20.364	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	127276	18.621	ug/l	96
56) Ethyl methacrylate	7.715	69	173607	17.661	ug/l	99
57) 1,3-Dichloropropane	7.934	76	207333	19.454	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.812	63	474511	103.890	ug/l	96
59) 2-Hexanone	8.063	43	647810	88.693	ug/l	98
60) Dibromochloromethane	8.169	129	155630	18.857	ug/l	99
61) 1,2-Dibromoethane	8.275	107	138444	19.524	ug/l	99
64) Tetrachloroethene	7.899	164	111119	19.646	ug/l	96
65) Chlorobenzene	8.805	112	347626	18.968	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	129075	19.619	ug/l	98
67) Ethyl Benzene	8.937	91	555564	19.857	ug/l	99
68) m/p-Xylenes	9.063	106	453688	41.753	ug/l	100
69) o-Xylene	9.468	106	203023	20.500	ug/l	99
70) Styrene	9.487	104	362488	21.334	ug/l	99
71) Bromoform	9.657	173	103934	19.174	ug/l #	99
73) Isopropylbenzene	9.857	105	571982	20.571	ug/l	99
74) N-amyl acetate	9.725	43	219302	21.527	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	210122	19.028	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	150658	19.602	ug/l	99
77) Bromobenzene	10.143	156	141414	19.795	ug/l	99
78) n-propylbenzene	10.278	91	679753	20.476	ug/l	99
79) 2-Chlorotoluene	10.349	91	409262	20.532	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	487343	20.827	ug/l	98
81) trans-1,4-Dichloro-2-b...	9.931	75	67887	20.278	ug/l	94
82) 4-Chlorotoluene	10.464	91	480299	20.906	ug/l	99
83) tert-Butylbenzene	10.789	119	474017	20.401	ug/l	100
84) 1,2,4-Trimethylbenzene	10.841	105	483599	21.596	ug/l	100
85) sec-Butylbenzene	11.014	105	631791	20.908	ug/l	100
86) p-Isopropyltoluene	11.169	119	529335	20.801	ug/l	100
87) 1,3-Dichlorobenzene	11.108	146	279572	19.818	ug/l	100
88) 1,4-Dichlorobenzene	11.198	146	290749	19.322	ug/l	100
89) n-Butylbenzene	11.580	91	480113	19.365	ug/l	98
90) Hexachloroethane	11.821	117	109748	18.661	ug/l	98
91) 1,2-Dichlorobenzene	11.567	146	262560	19.519	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	36968	17.213	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	142290	17.726	ug/l	99
94) Hexachlorobutadiene	13.371	225	69497	16.794	ug/l	99
95) Naphthalene	13.426	128	467573	18.458	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	148001	18.286	ug/l	99

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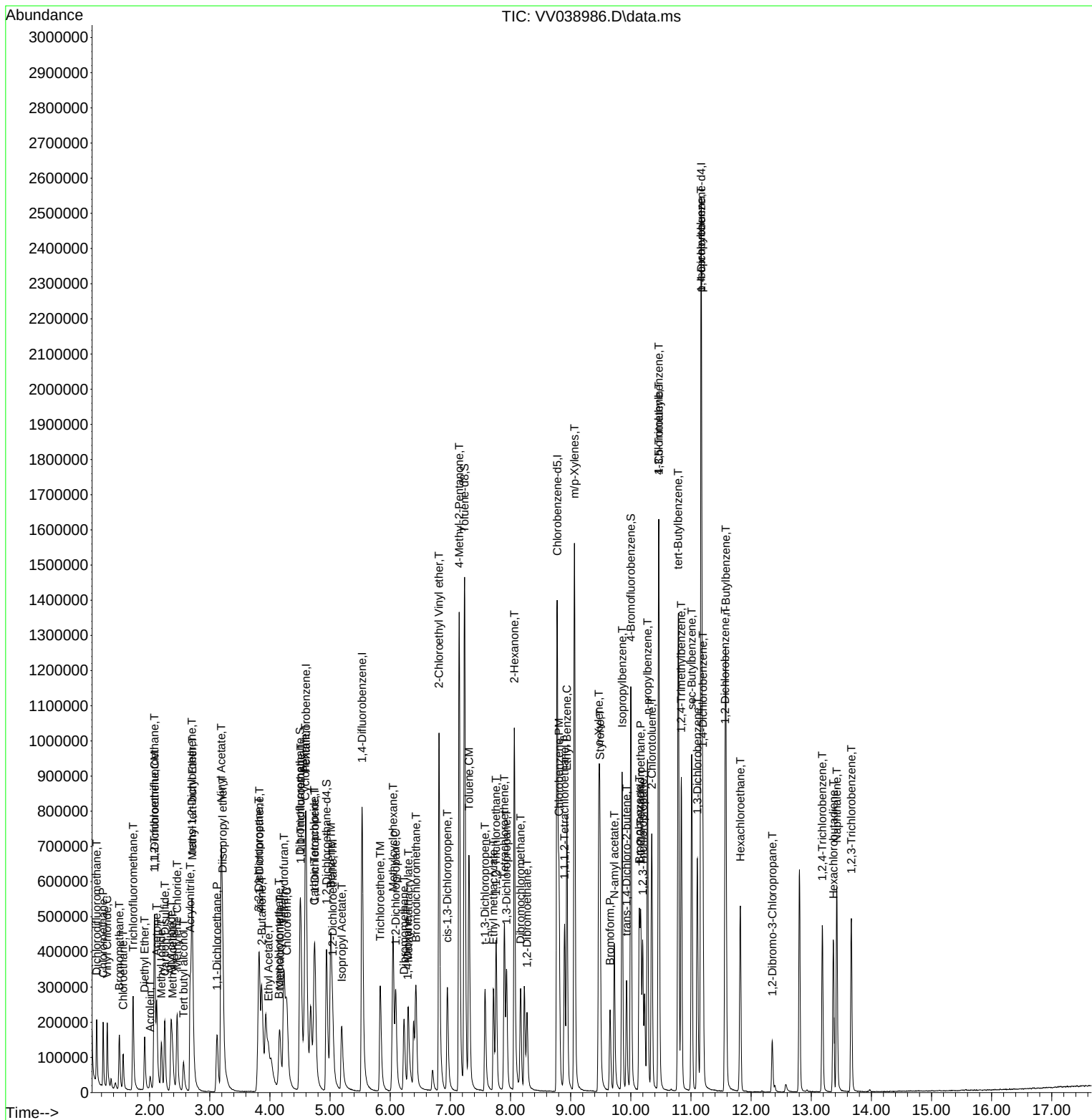
Instrument :
MSVOA_V
ClientSampleId :

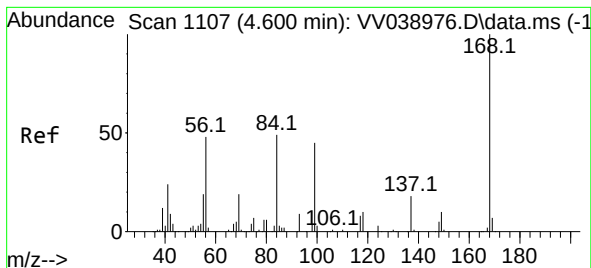
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Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

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Instrument :

MSVOA_V

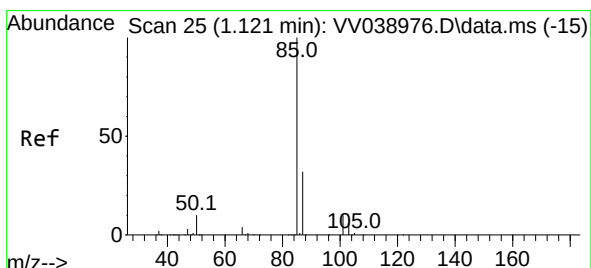
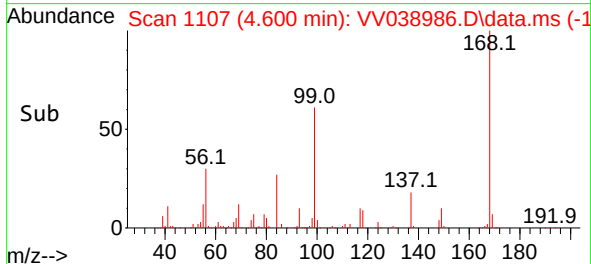
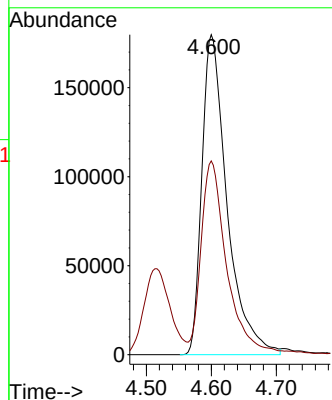
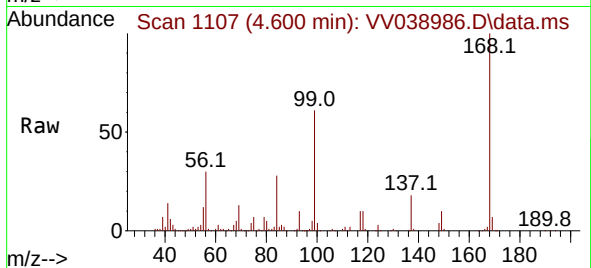
ClientSampleId :

Tgt Ion:168 Resp: 484688

Ion Ratio Lower Upper

168 100

99 59.3 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 17.843 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV038986.D

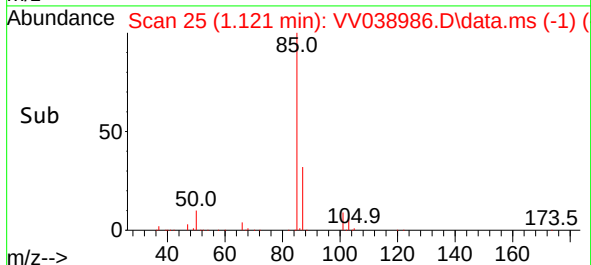
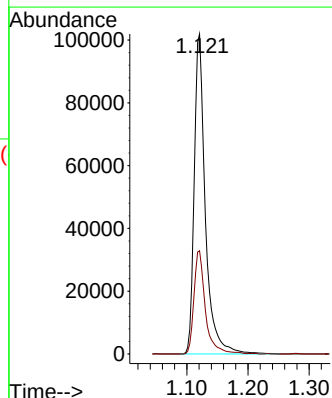
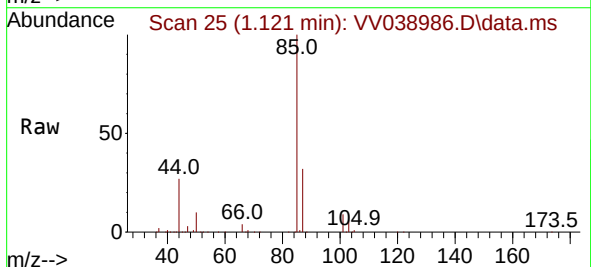
Acq: 21 Aug 2025 17:30

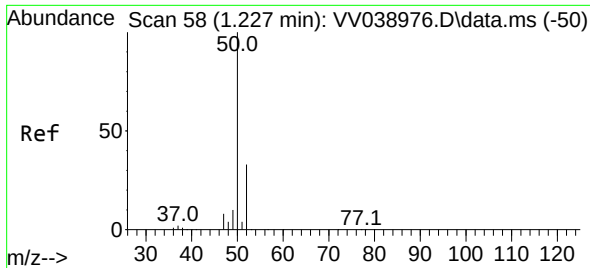
Tgt Ion: 85 Resp: 129284

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.3

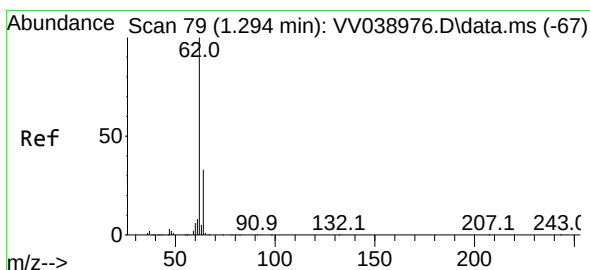
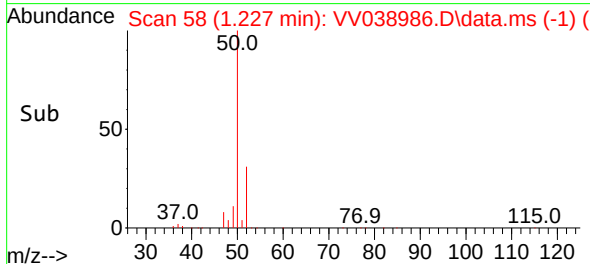
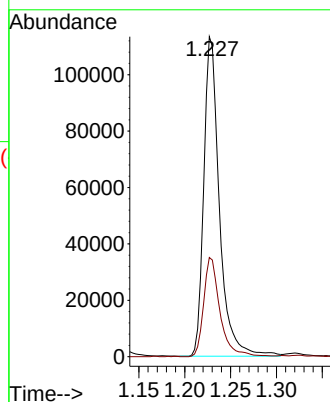
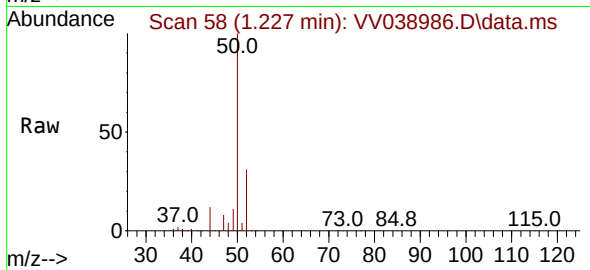




#3
Chloromethane
Concen: 17.973 ug/l
RT: 1.227 min Scan# 58
Delta R.T. -0.000 min
Lab File: VV038986.D
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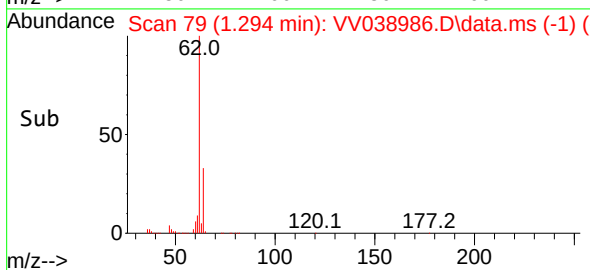
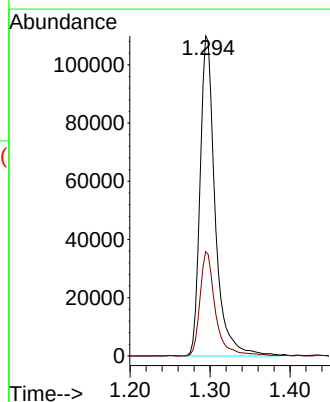
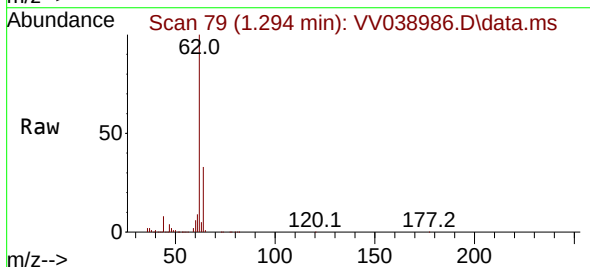
Instrument :
MSVOA_V
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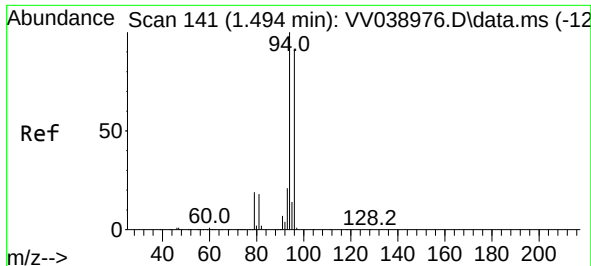
Tgt Ion: 50 Resp: 134516
Ion Ratio Lower Upper
50 100
52 31.1 26.2 39.2



#4
Vinyl Chloride
Concen: 18.276 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion: 62 Resp: 144324
Ion Ratio Lower Upper
62 100
64 32.6 26.4 39.6

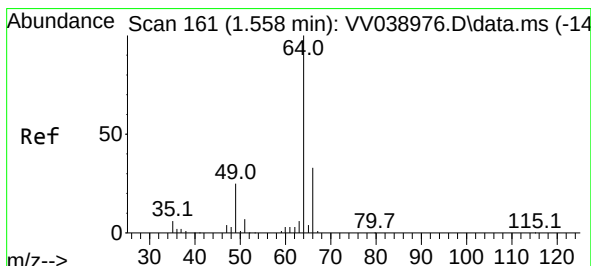
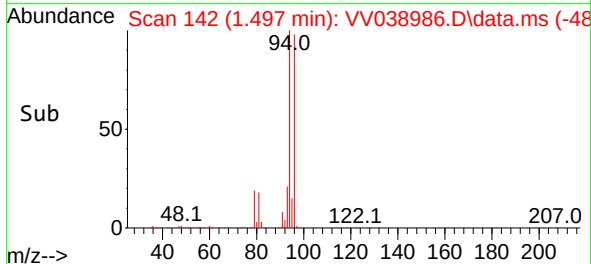
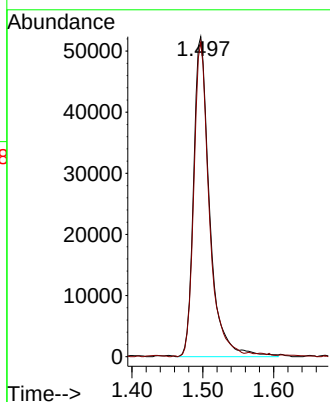
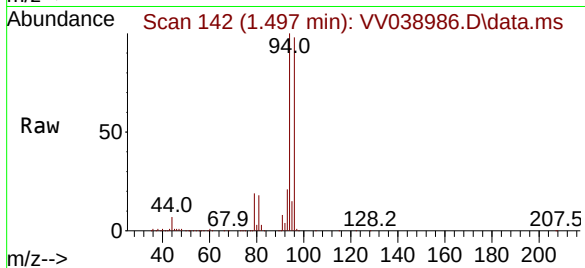




#5
Bromomethane
Concen: 19.323 ug/l
RT: 1.497 min Scan# 141
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

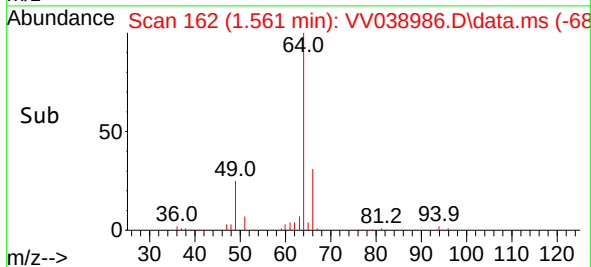
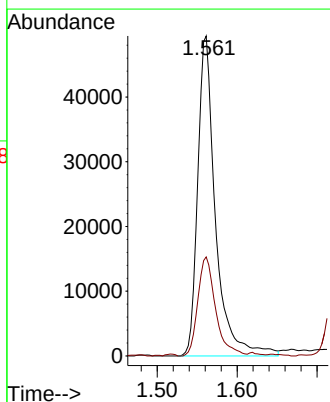
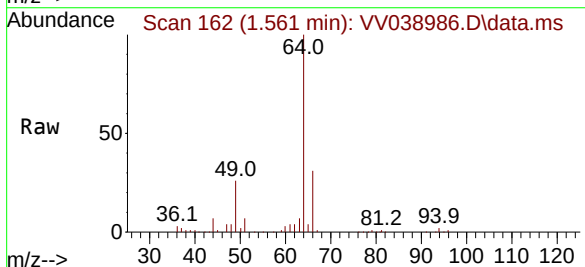
Instrument :
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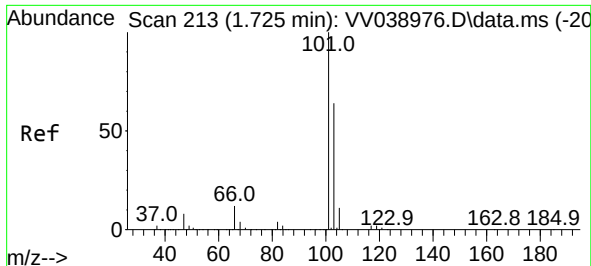
Tgt Ion: 94 Resp: 82466
Ion Ratio Lower Upper
94 100
96 98.3 73.1 109.7



#6
Chloroethane
Concen: 19.033 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

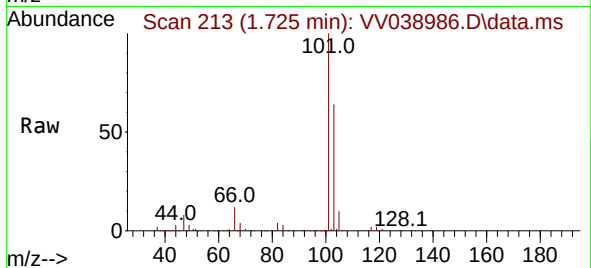
Tgt Ion: 64 Resp: 76591
Ion Ratio Lower Upper
64 100
66 30.9 26.8 40.2



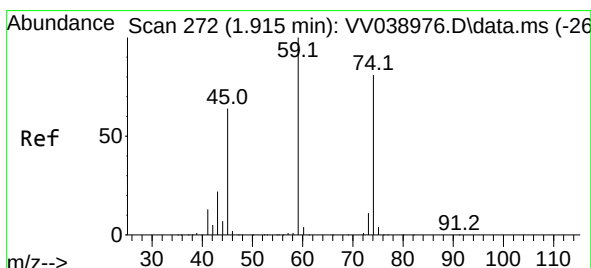
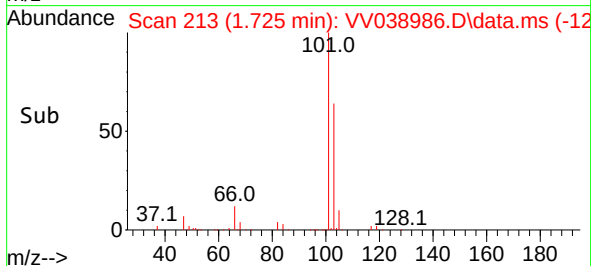
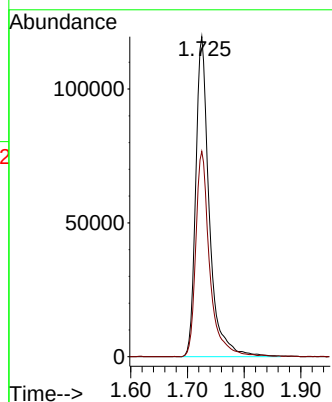


#7
 Trichlorofluoromethane
 Concen: 18.363 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV038986.D
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Instrument :
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 ClientSampleId :

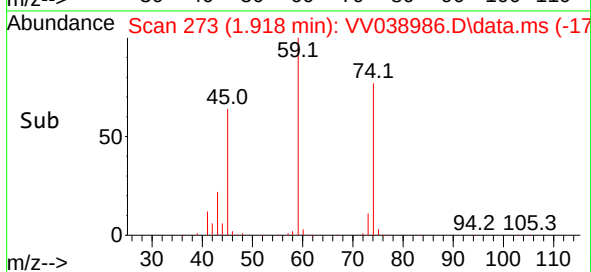
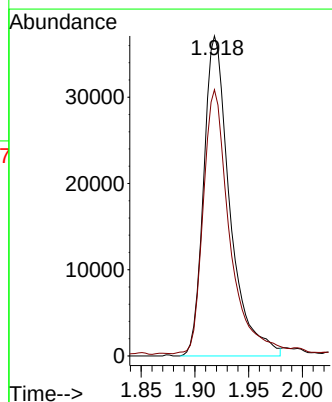
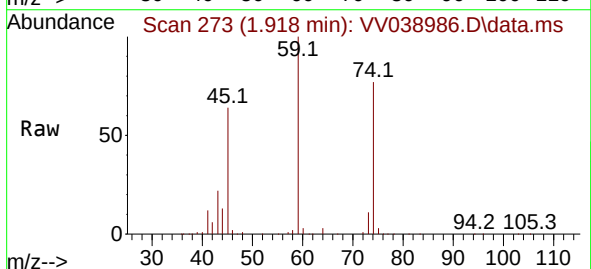


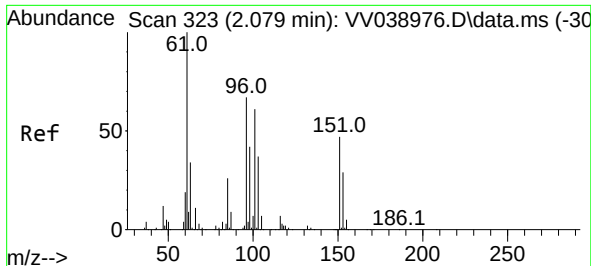
Tgt Ion:101 Resp: 198661
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.2



#8
 Diethyl Ether
 Concen: 18.933 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.003 min
 Lab File: VV038986.D
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Tgt Ion: 74 Resp: 62989
 Ion Ratio Lower Upper
 74 100
 45 82.8 39.8 119.4

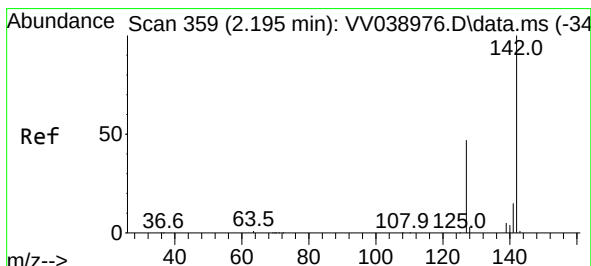
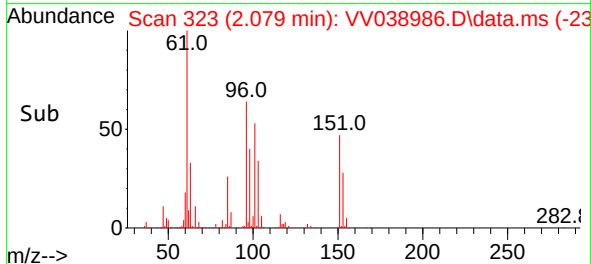
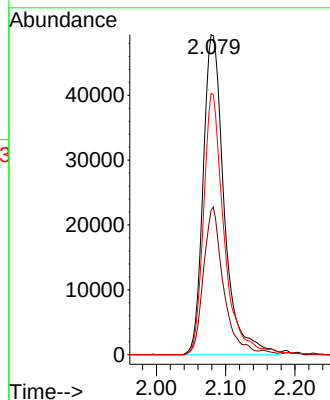
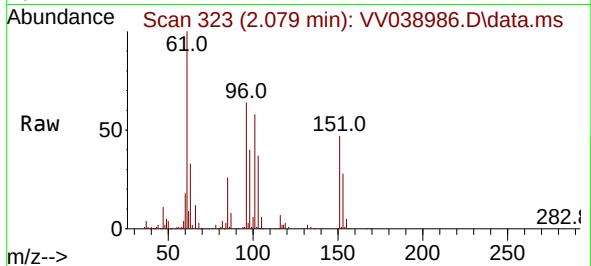




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.433 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038986.D
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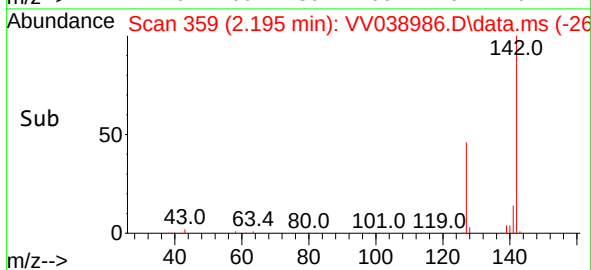
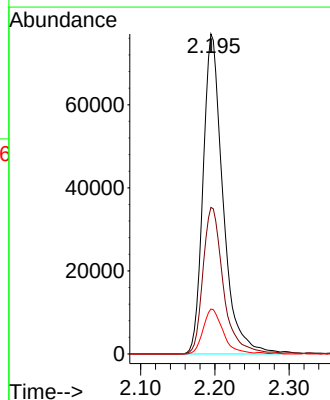
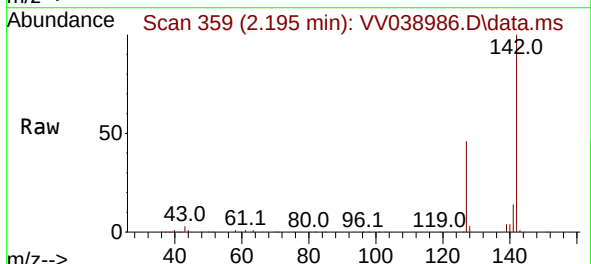
Instrument :
MSVOA_V
ClientSampleId :

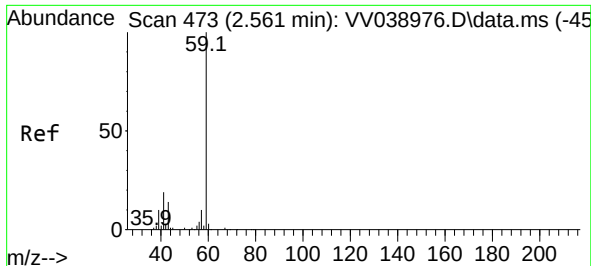
Tgt Ion:101 Resp: 104100
Ion Ratio Lower Upper
101 100
85 43.7 34.6 51.8
151 79.6 62.1 93.1



#10
Methyl Iodide
Concen: 19.324 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion:142 Resp: 143568
Ion Ratio Lower Upper
142 100
127 47.0 38.6 57.8
141 14.0 11.4 17.2

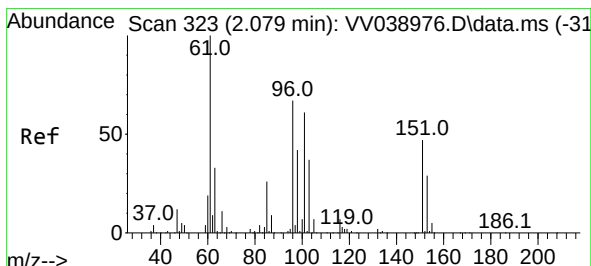
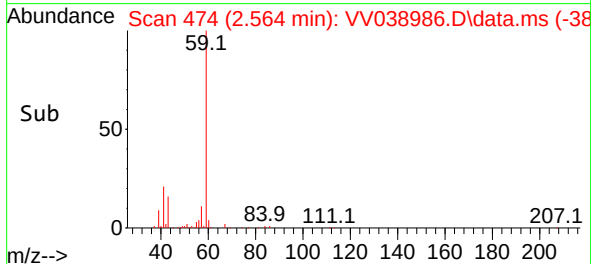
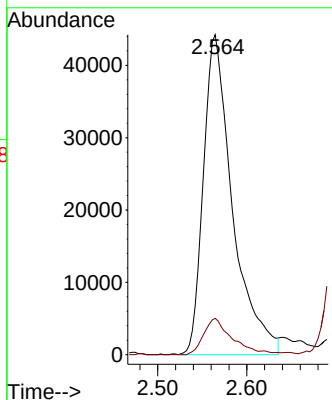
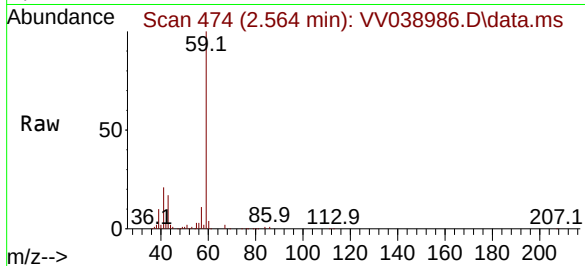




#11
Tert butyl alcohol
Concen: 109.223 ug/l
RT: 2.564 min Scan# 411
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

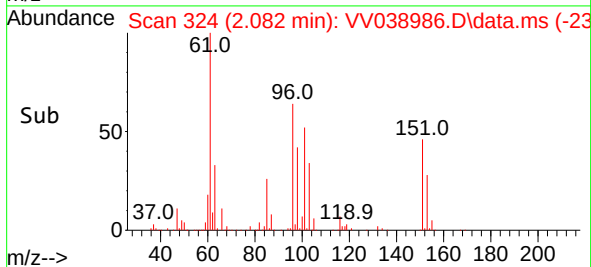
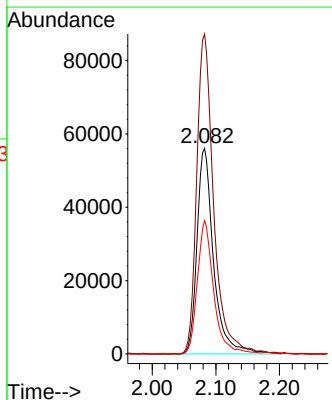
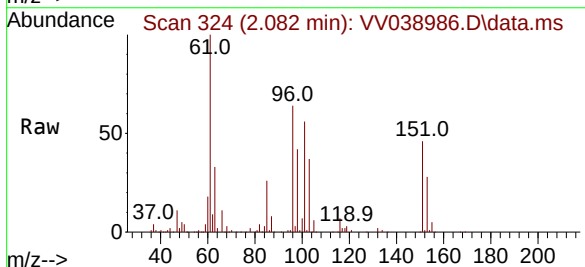
Instrument :
MSVOA_V
ClientSampleId :

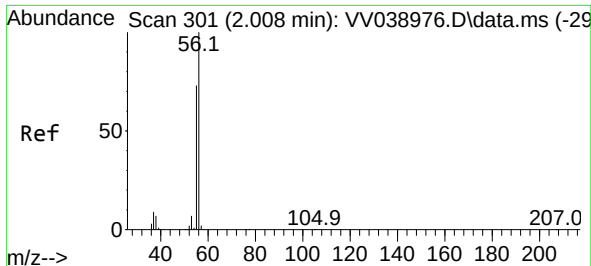
Tgt Ion: 59 Resp: 100539
Ion Ratio Lower Upper
59 100
57 11.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 18.491 ug/l
RT: 2.082 min Scan# 324
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

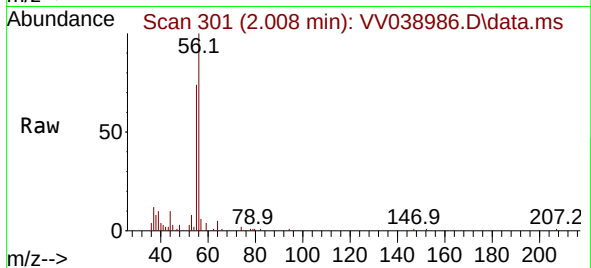
Tgt Ion: 96 Resp: 101714
Ion Ratio Lower Upper
96 100
61 155.6 119.8 179.8
98 64.9 50.2 75.2



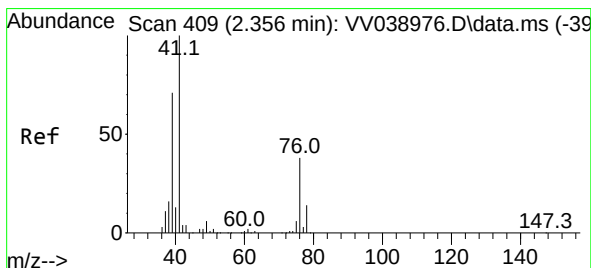
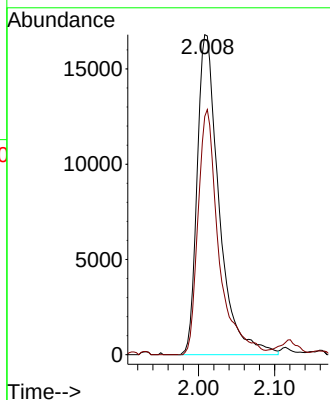
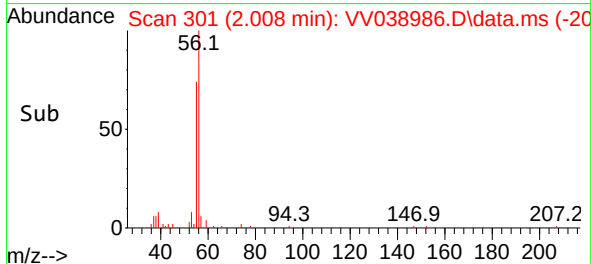


#13
Acrolein
Concen: 101.967 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

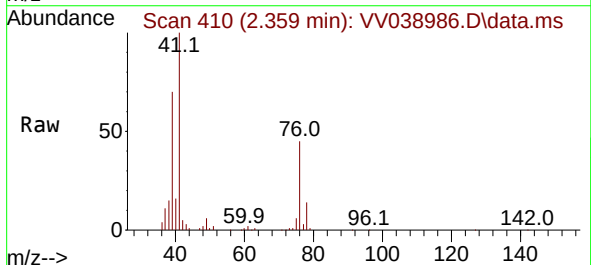
Instrument :
MSVOA_V
ClientSampleId :



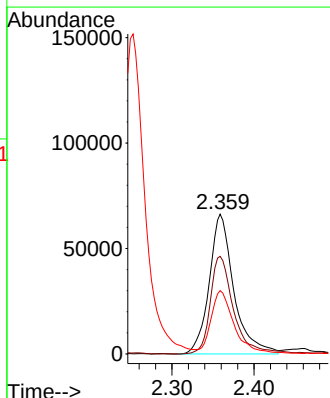
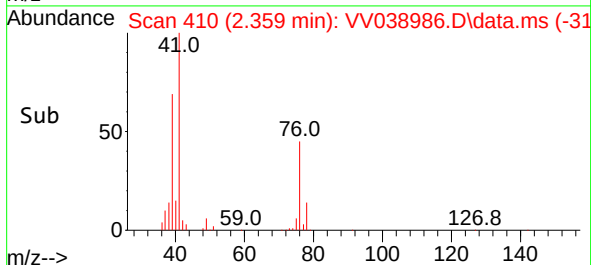
Tgt Ion: 56 Resp: 33633
Ion Ratio Lower Upper
56 100
55 72.4 58.8 88.2

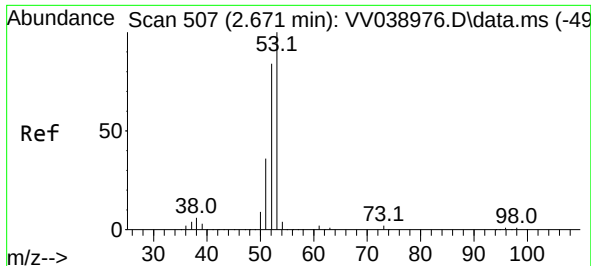


#14
Allyl chloride
Concen: 18.838 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30



Tgt Ion: 41 Resp: 138354
Ion Ratio Lower Upper
41 100
39 66.0 55.0 82.4
76 42.1 35.6 53.4

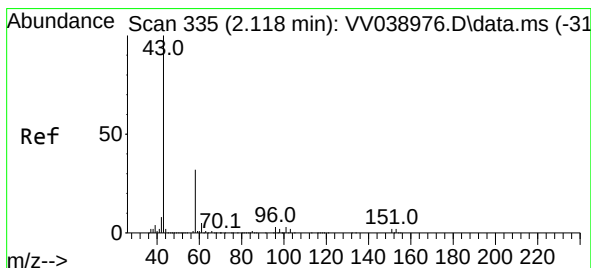
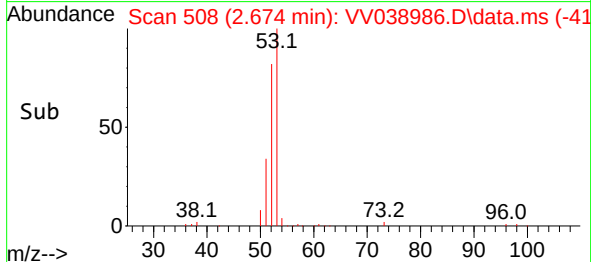
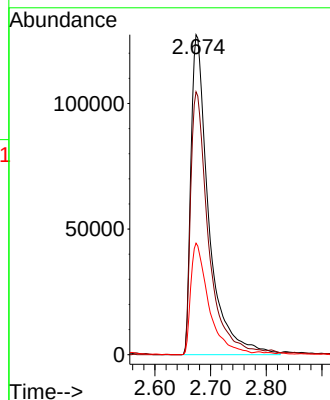
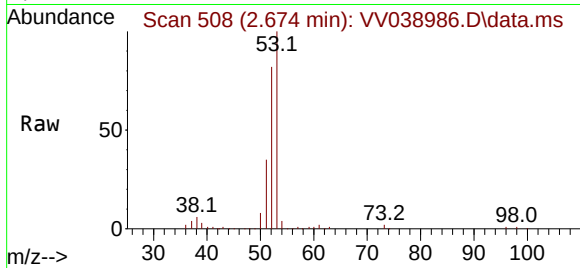




#15
Acrylonitrile
Concen: 102.208 ug/l
RT: 2.674 min Scan# 507
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

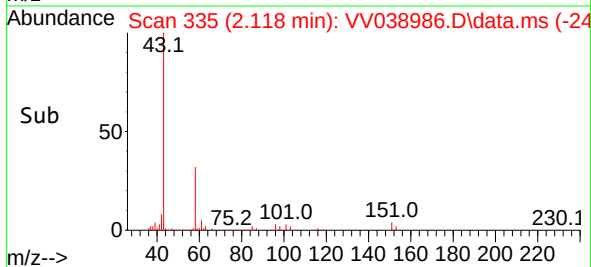
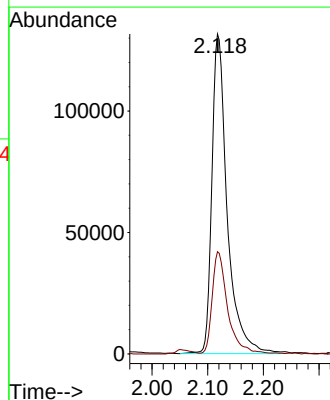
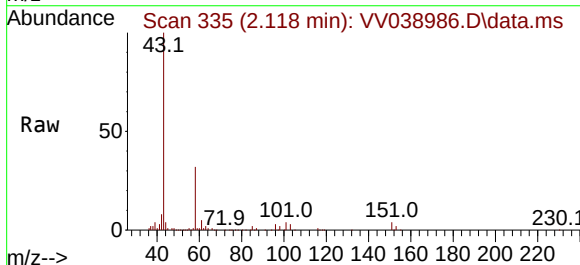
Instrument :
MSVOA_V
ClientSampleId :

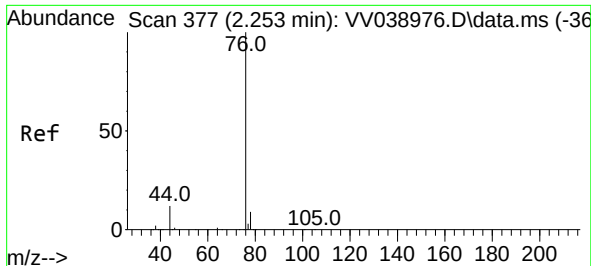
Tgt Ion: 53 Resp: 284328
Ion Ratio Lower Upper
53 100
52 81.7 66.2 99.4
51 35.3 28.5 42.7



#16
Acetone
Concen: 92.041 ug/l
RT: 2.118 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

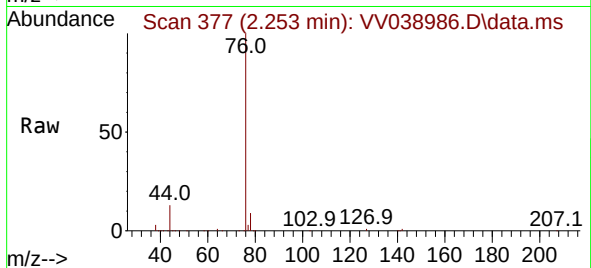
Tgt Ion: 43 Resp: 251239
Ion Ratio Lower Upper
43 100
58 31.8 26.3 39.5



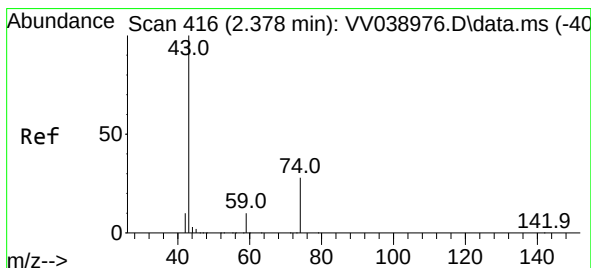
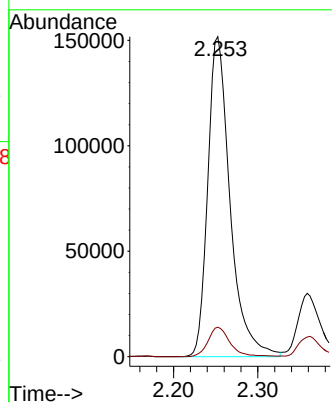
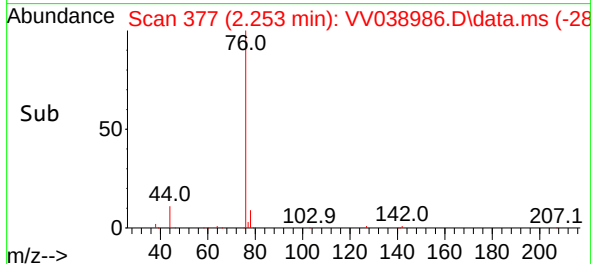


#17
Carbon Disulfide
Concen: 18.268 ug/l
RT: 2.253 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Instrument :
MSVOA_V
ClientSampleId :

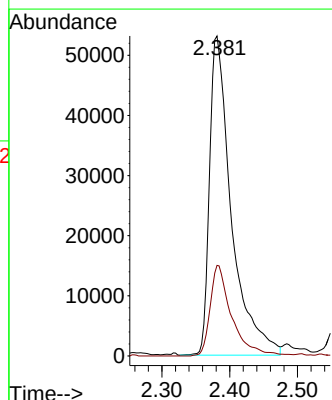
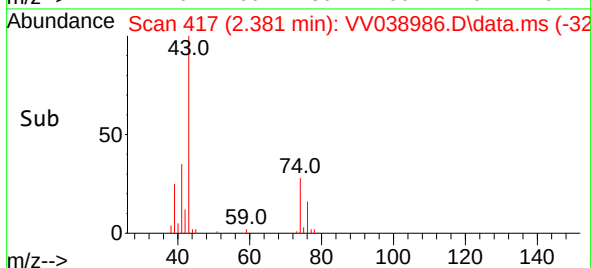
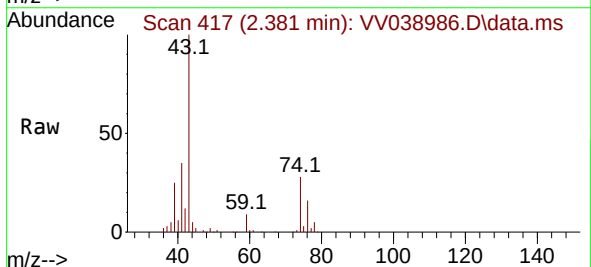


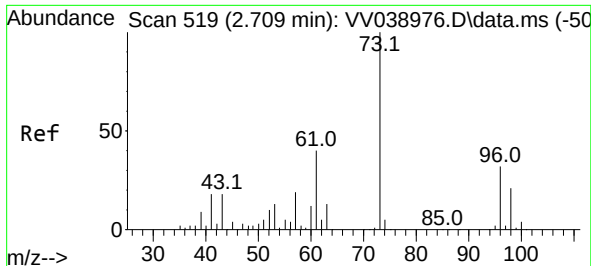
Tgt Ion: 76 Resp: 279496
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 20.542 ug/l
RT: 2.381 min Scan# 417
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion: 43 Resp: 118850
Ion Ratio Lower Upper
43 100
74 28.0 23.5 35.3

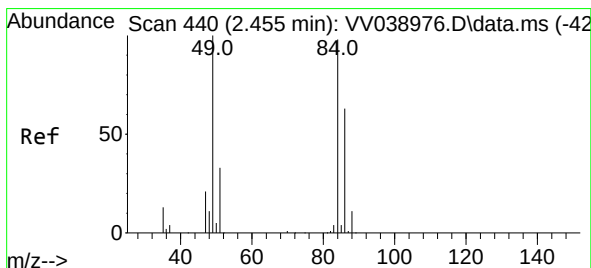
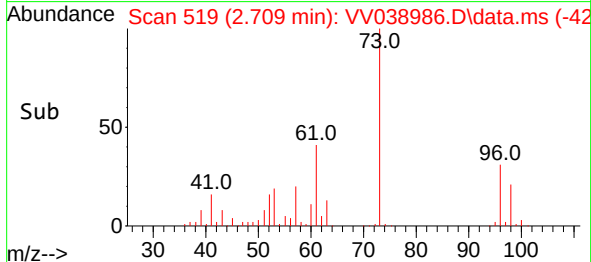
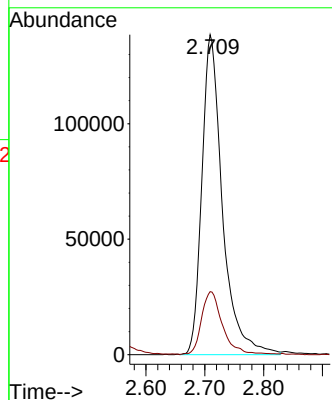
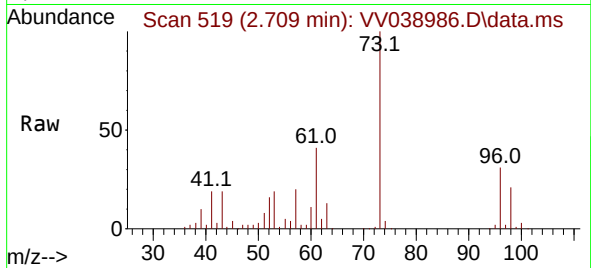




#19
Methyl tert-butyl Ether
Concen: 20.678 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

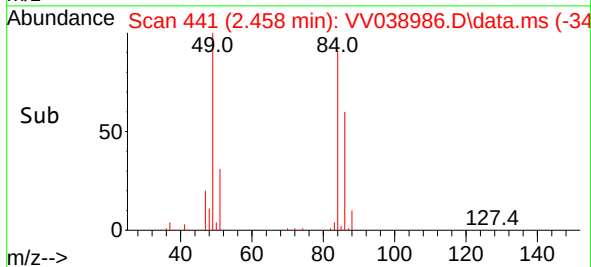
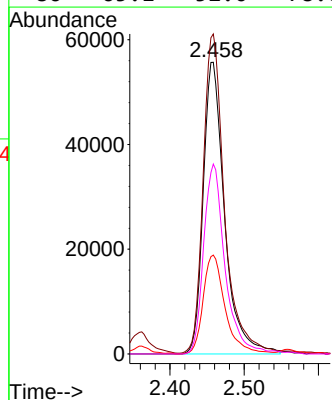
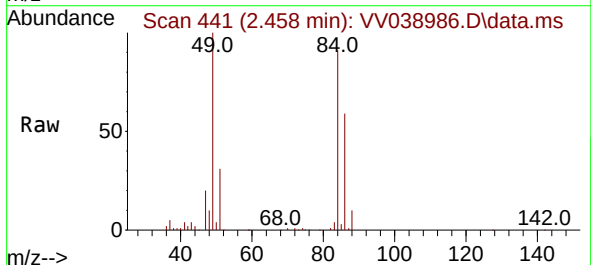
Instrument :
MSVOA_V
ClientSampleId :

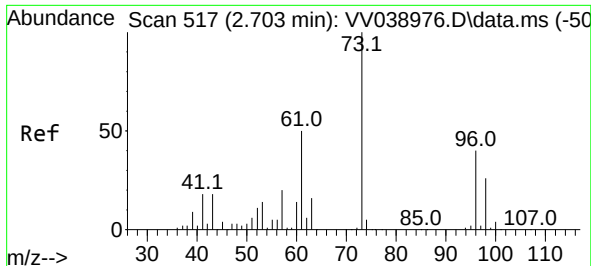
Tgt Ion: 73 Resp: 336343
Ion Ratio Lower Upper
73 100
57 19.6 15.7 23.5



#20
Methylene Chloride
Concen: 17.530 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion: 84 Resp: 111198
Ion Ratio Lower Upper
84 100
49 109.4 81.9 122.9
51 33.9 26.9 40.3
86 65.1 52.0 78.0

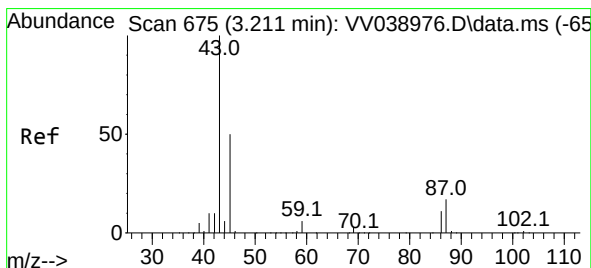
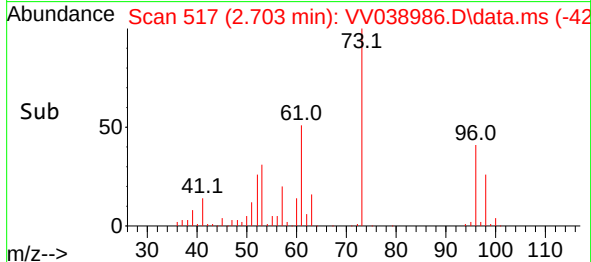
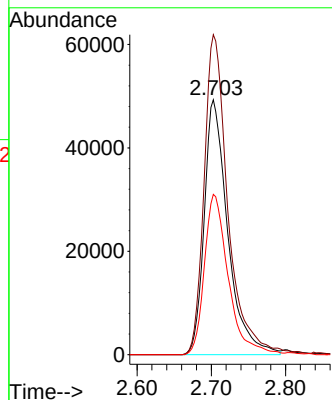
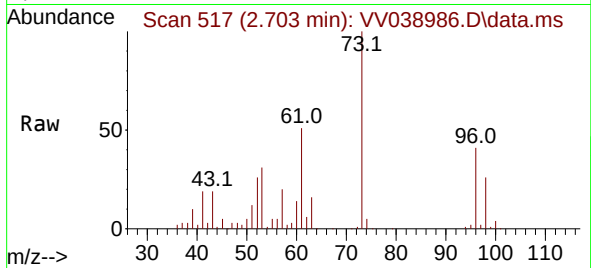




#21
trans-1,2-Dichloroethene
Concen: 18.992 ug/l
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

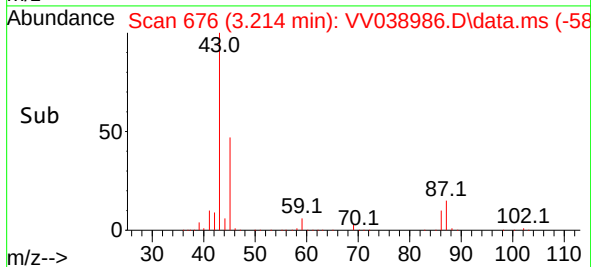
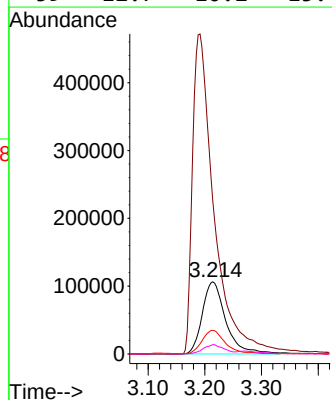
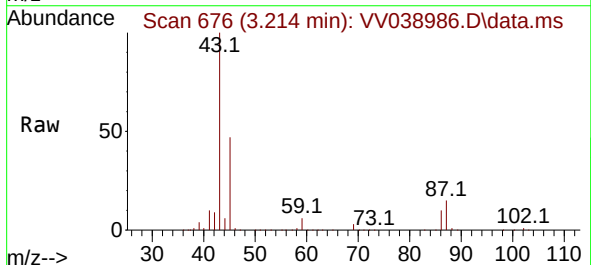
Instrument :
MSVOA_V
ClientSampleId :

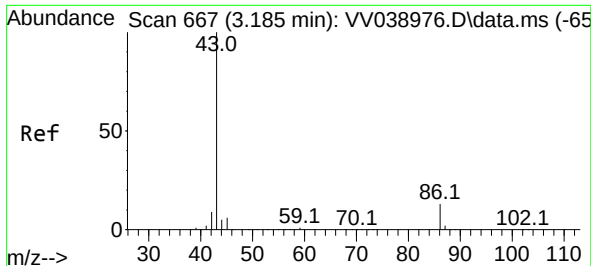
Tgt Ion: 96 Resp: 108816
Ion Ratio Lower Upper
96 100
61 125.6 100.6 151.0
98 62.9 51.5 77.3



#22
Diisopropyl ether
Concen: 19.031 ug/l
RT: 3.214 min Scan# 676
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion: 45 Resp: 306886
Ion Ratio Lower Upper
45 100
43 213.9 159.4 239.0
87 32.5 27.5 41.3
59 12.7 10.2 15.4

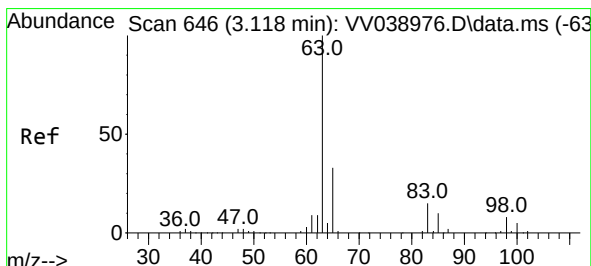
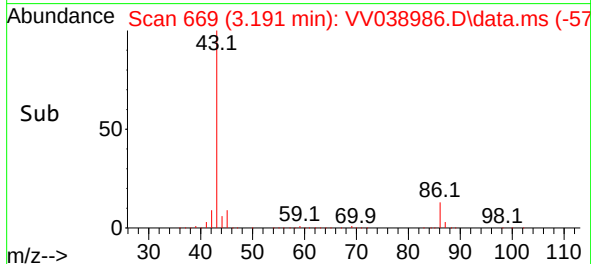
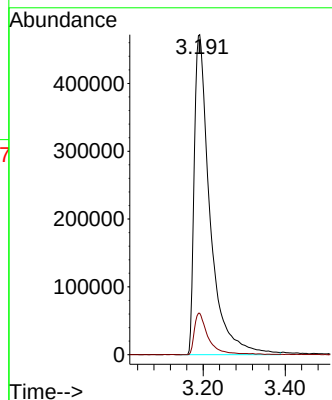
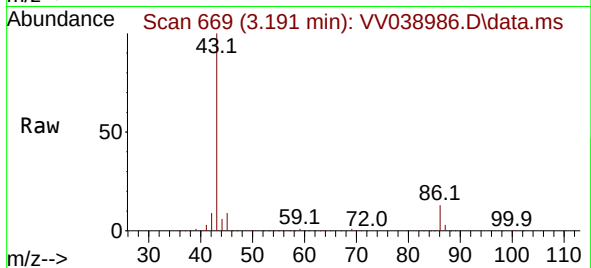




#23
 Vinyl Acetate
 Concen: 97.744 ug/l
 RT: 3.191 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VV038986.D
 Acq: 21 Aug 2025 17:30

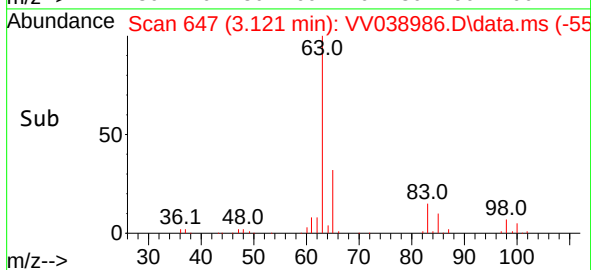
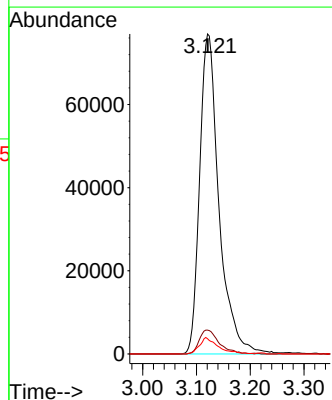
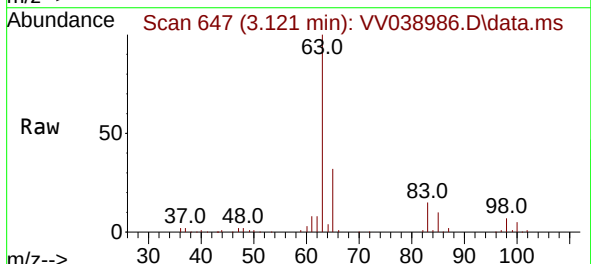
Instrument :
 MSVOA_V
 ClientSampleId :

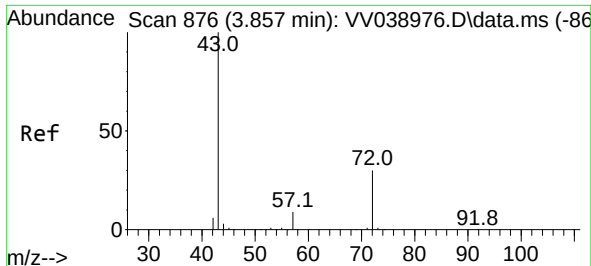
Tgt Ion: 43 Resp: 1264706
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 18.012 ug/l
 RT: 3.121 min Scan# 647
 Delta R.T. 0.003 min
 Lab File: VV038986.D
 Acq: 21 Aug 2025 17:30

Tgt Ion: 63 Resp: 192402
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.3 12.8
 100 4.8 2.6 8.0

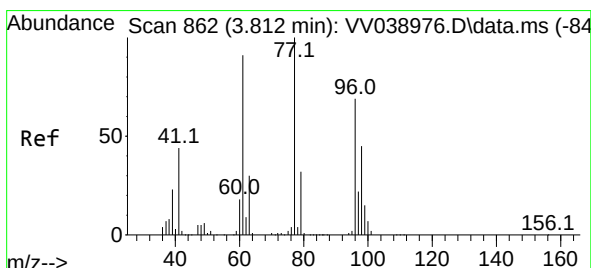
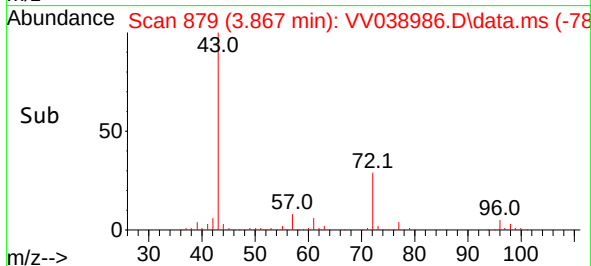
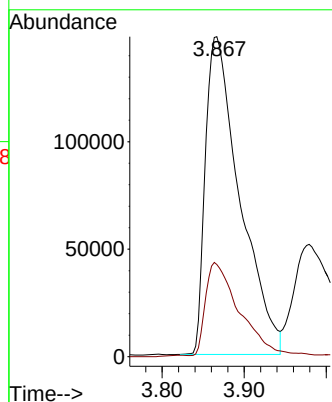
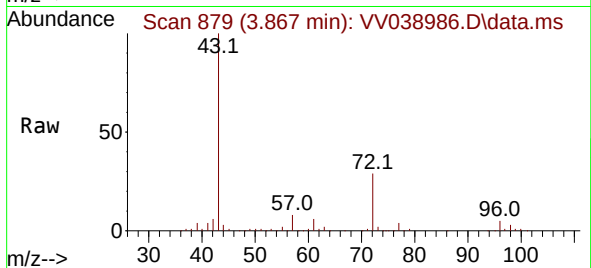




#25
2-Butanone
Concen: 121.768 ug/l
RT: 3.867 min Scan# 81
Delta R.T. 0.010 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

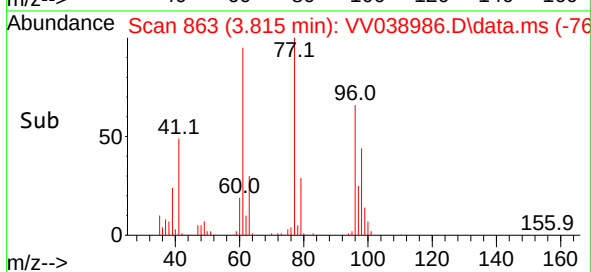
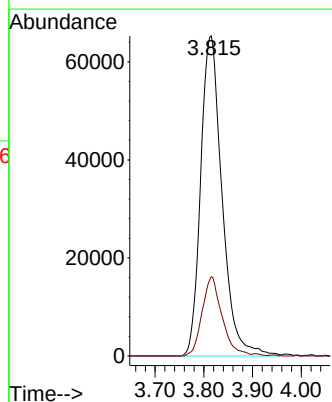
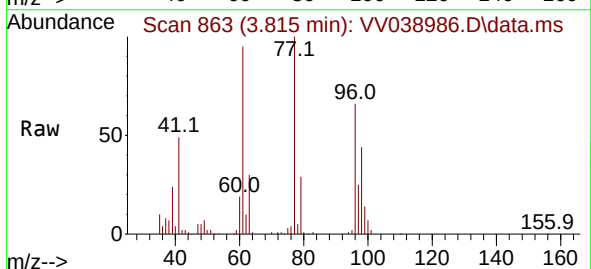
Instrument :
MSVOA_V
ClientSampleId :

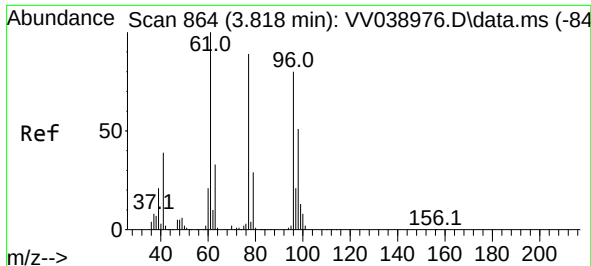
Tgt Ion: 43 Resp: 432465
Ion Ratio Lower Upper
43 100
72 28.5 23.9 35.9



#26
2,2-Dichloropropane
Concen: 19.463 ug/l
RT: 3.815 min Scan# 863
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion: 77 Resp: 199439
Ion Ratio Lower Upper
77 100
97 23.0 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 20.518 ug/l

RT: 3.825 min Scan# 864

Delta R.T. 0.007 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

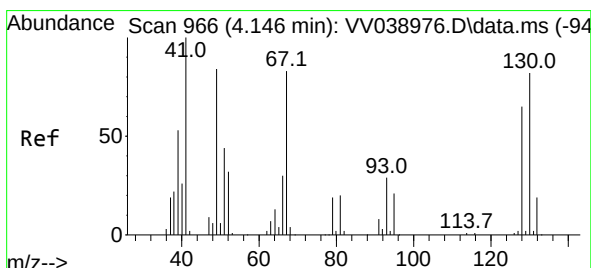
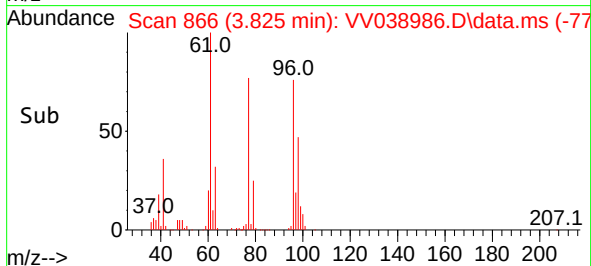
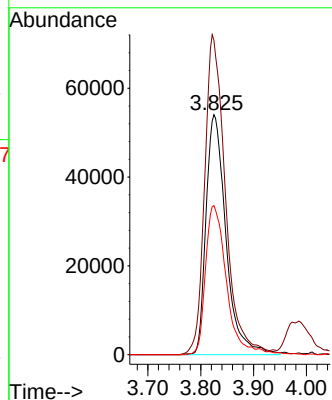
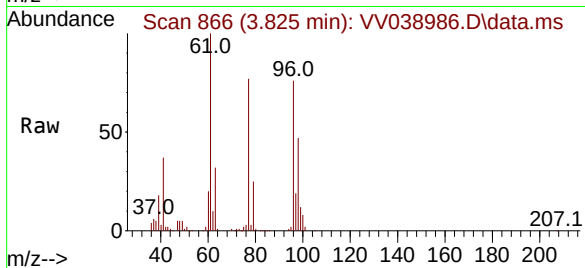
Tgt Ion: 96 Resp: 141887

Ion Ratio Lower Upper

96 100

61 138.0 0.0 264.4

98 63.7 0.0 131.8



#28

Bromochloromethane

Concen: 18.973 ug/l

RT: 4.150 min Scan# 967

Delta R.T. 0.004 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

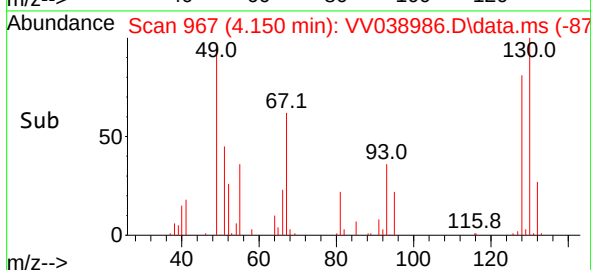
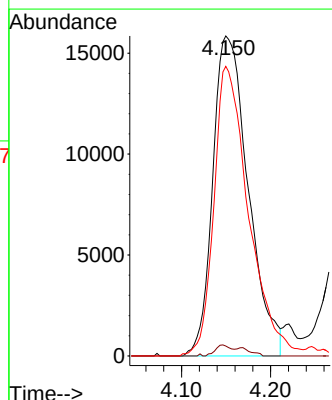
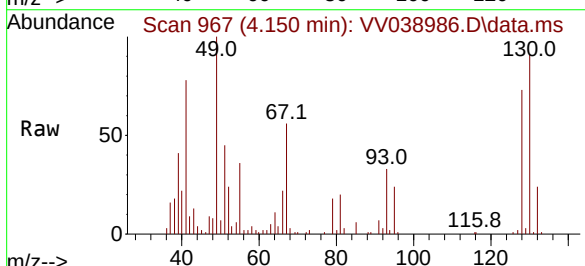
Tgt Ion: 49 Resp: 43842

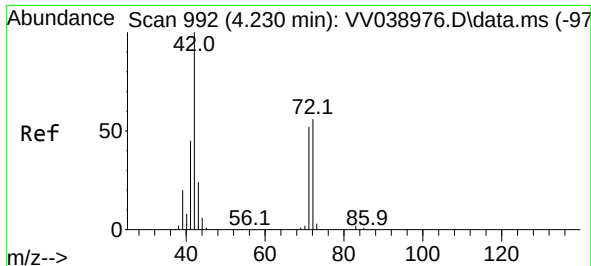
Ion Ratio Lower Upper

49 100

129 1.5 0.0 3.2

130 88.3 78.2 117.2





#29

Tetrahydrofuran

Concen: 119.929 ug/l

RT: 4.233 min Scan# 992

Delta R.T. 0.003 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

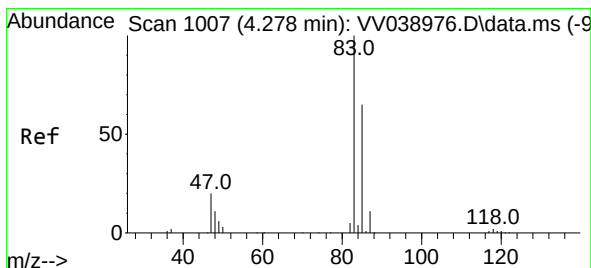
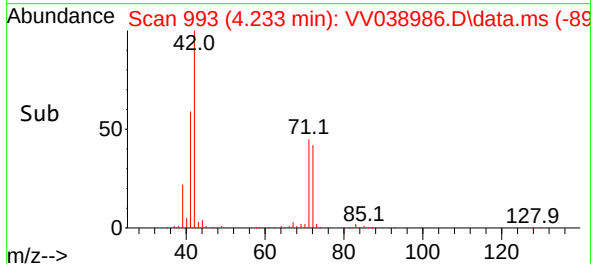
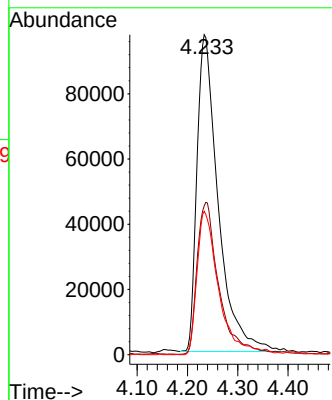
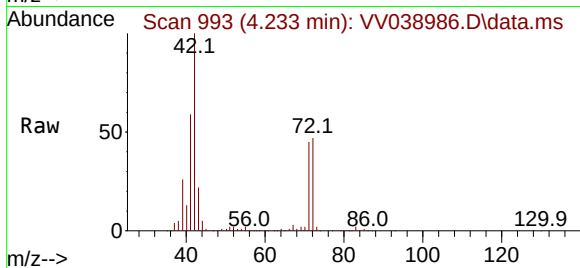
Tgt Ion: 42 Resp: 284325

Ion Ratio Lower Upper

42 100

72 49.1 44.6 66.8

71 45.8 41.6 62.4



#30

Chloroform

Concen: 20.251 ug/l

RT: 4.281 min Scan# 1008

Delta R.T. 0.003 min

Lab File: VV038986.D

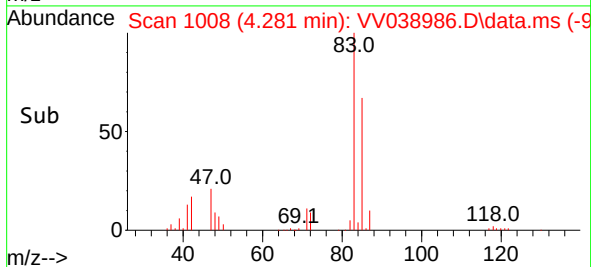
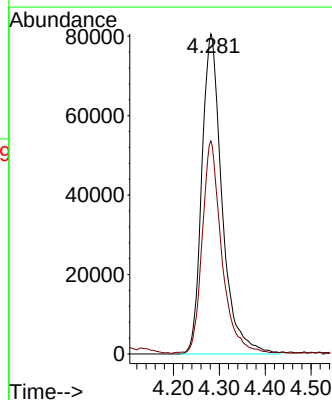
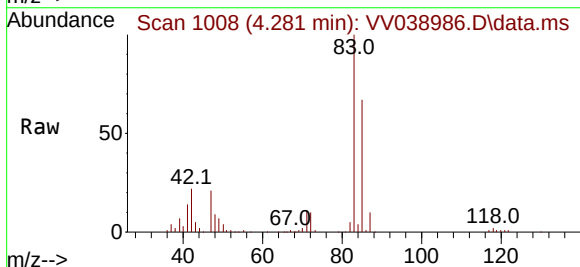
Acq: 21 Aug 2025 17:30

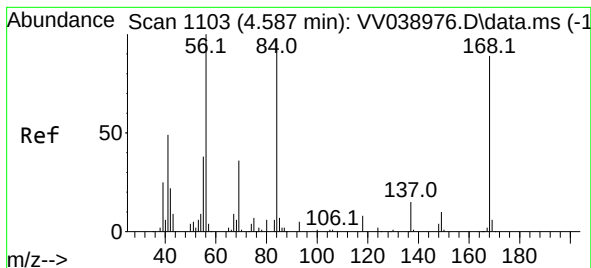
Tgt Ion: 83 Resp: 247192

Ion Ratio Lower Upper

83 100

85 66.0 52.2 78.2





#31

Cyclohexane

Concen: 20.575 ug/l

RT: 4.587 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

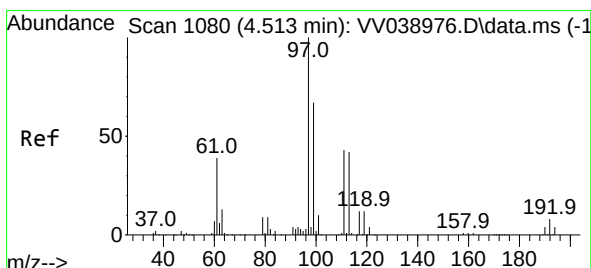
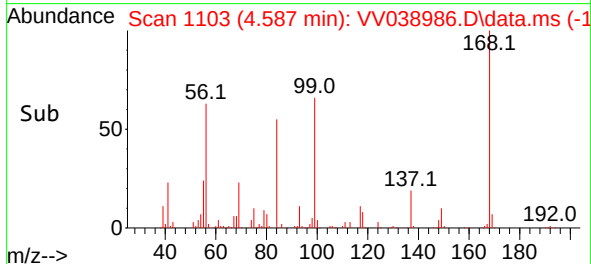
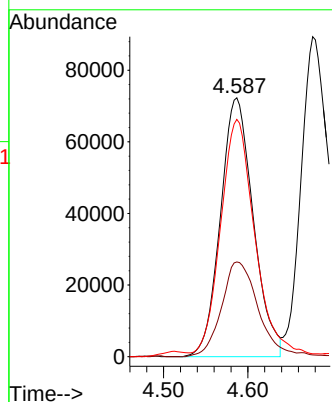
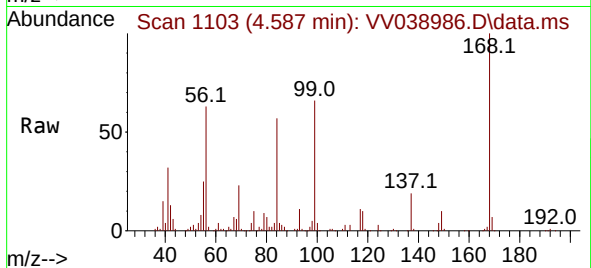
Tgt Ion: 56 Resp: 196088

Ion Ratio Lower Upper

56 100

69 36.6 28.6 42.8

84 89.9 78.1 117.1



#32

1,1,1-Trichloroethane

Concen: 19.189 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

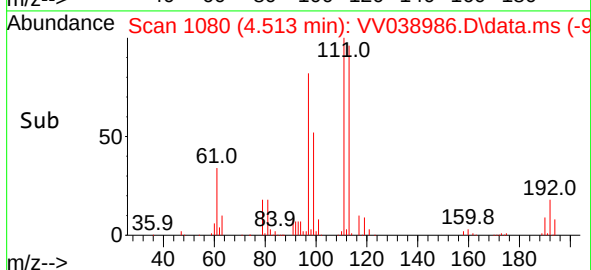
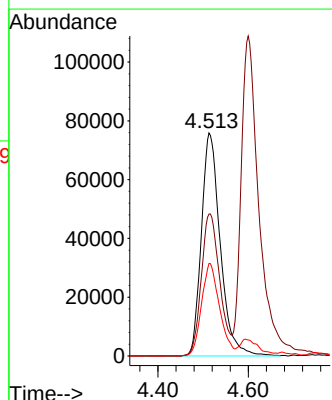
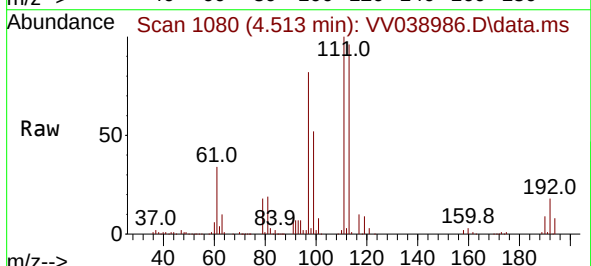
Tgt Ion: 97 Resp: 220064

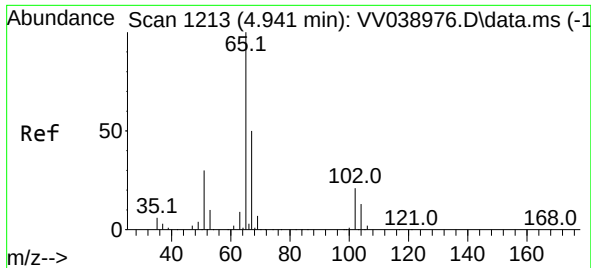
Ion Ratio Lower Upper

97 100

99 62.1 49.5 74.3

61 39.8 30.9 46.3





#33

1,2-Dichloroethane-d4

Concen: 51.229 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. -0.000 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

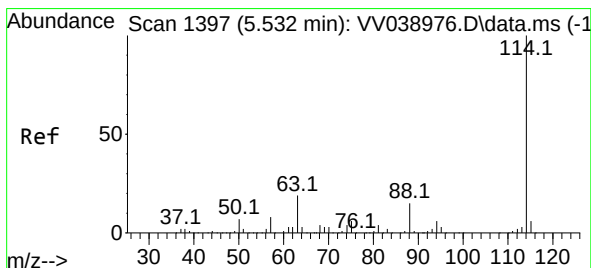
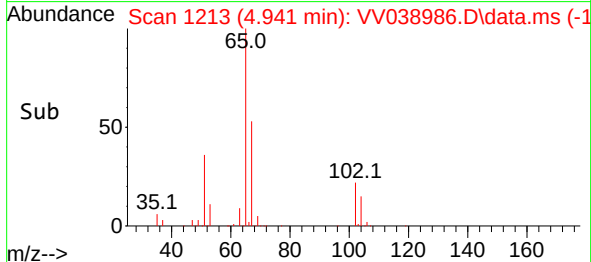
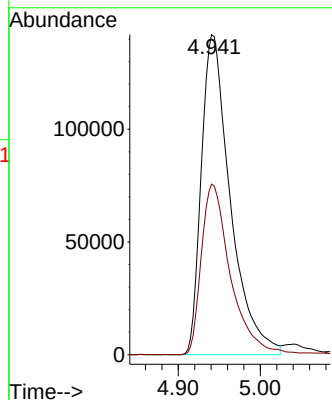
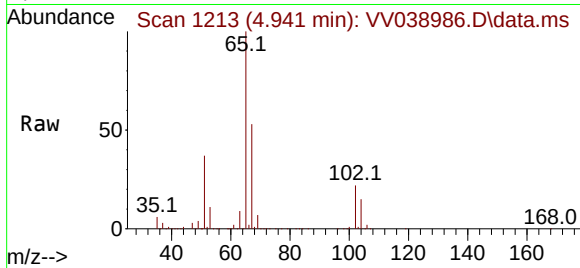
ClientSampleId :

Tgt Ion: 65 Resp: 348406

Ion Ratio Lower Upper

65 100

67 54.1 0.0 100.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. -0.000 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

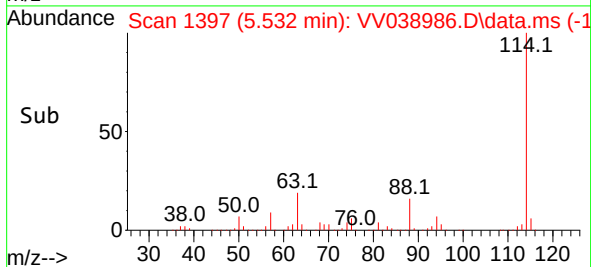
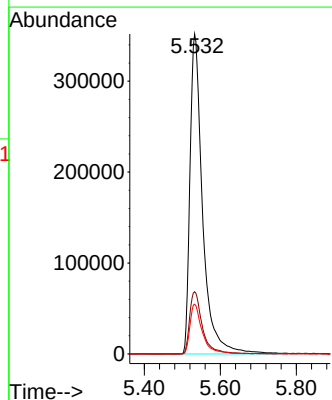
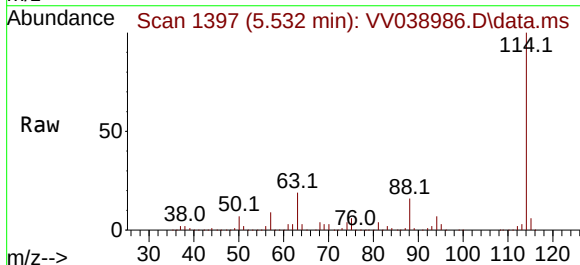
Tgt Ion: 114 Resp: 811429

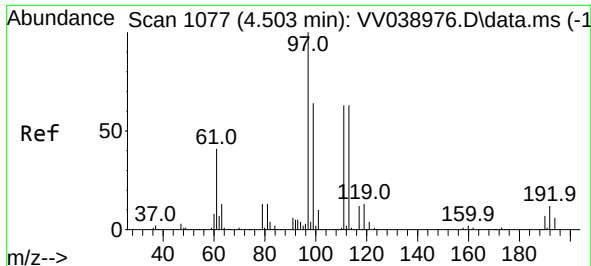
Ion Ratio Lower Upper

114 100

63 19.4 0.0 37.4

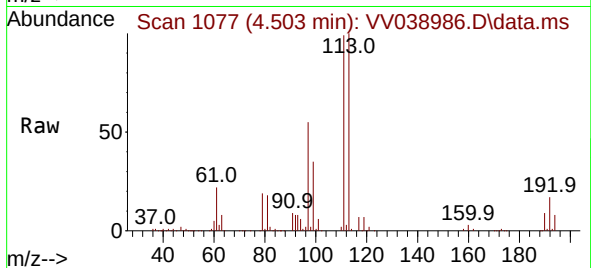
88 15.6 0.0 30.4



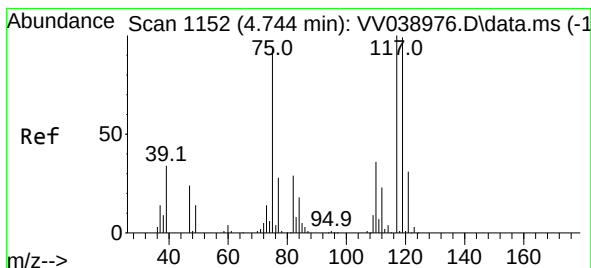
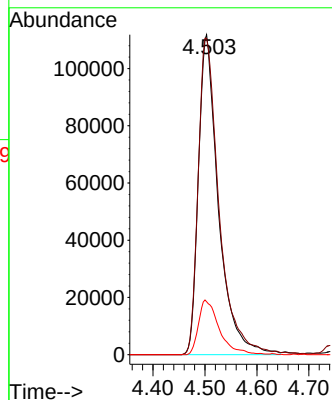
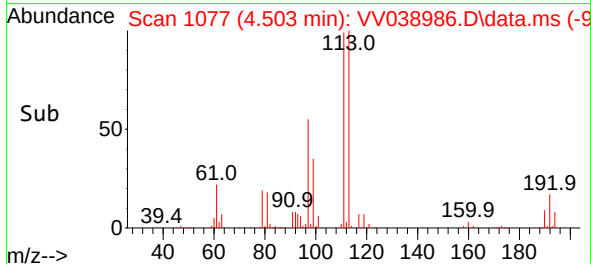


#35
Dibromofluoromethane
Concen: 49.207 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Instrument :
MSVOA_V
ClientSampleId :

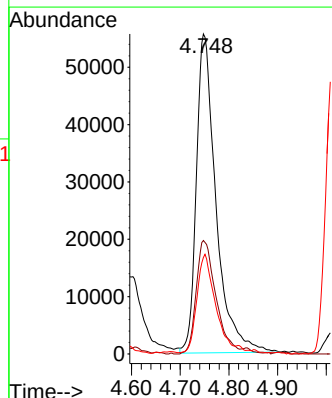
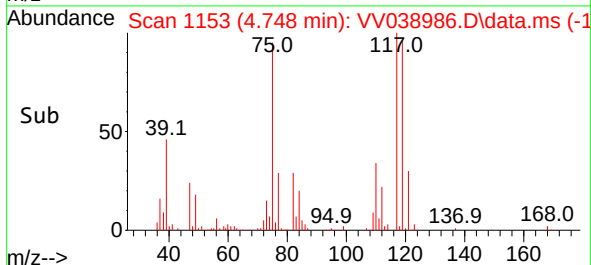
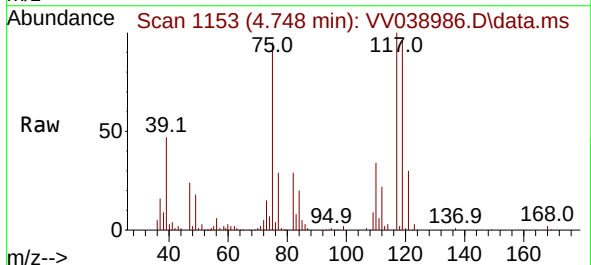


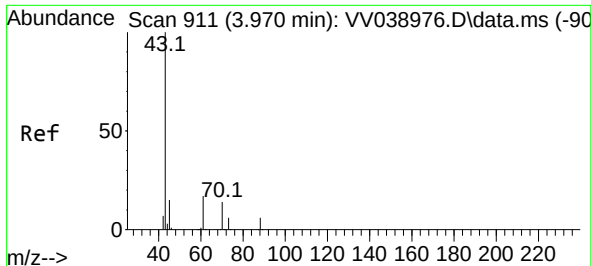
Tgt Ion:113 Resp: 299437
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 17.8 15.4 23.0



#36
1,1-Dichloropropene
Concen: 19.737 ug/l
RT: 4.748 min Scan# 1153
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

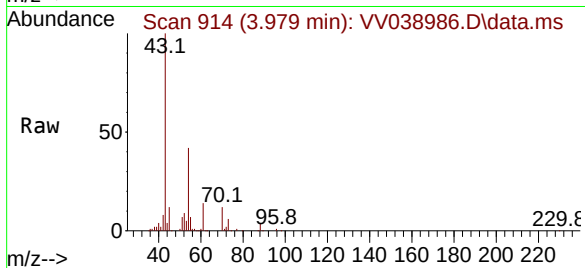
Tgt Ion: 75 Resp: 155981
Ion Ratio Lower Upper
75 100
110 35.6 19.6 58.7
77 28.6 24.4 36.6



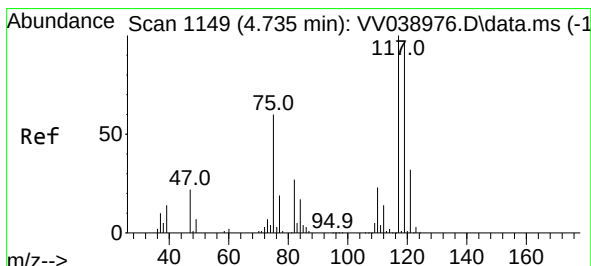
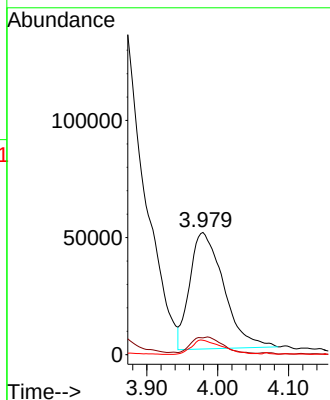
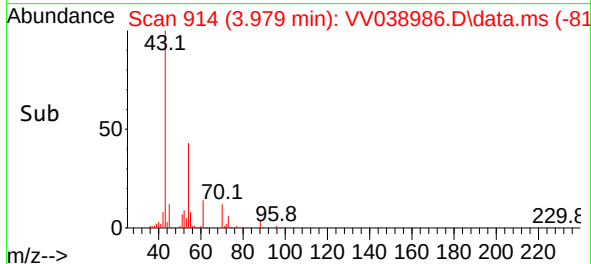


#37
Ethyl Acetate
Concen: 21.502 ug/l
RT: 3.979 min Scan# 911
Delta R.T. 0.009 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Instrument :
MSVOA_V
ClientSampleId :

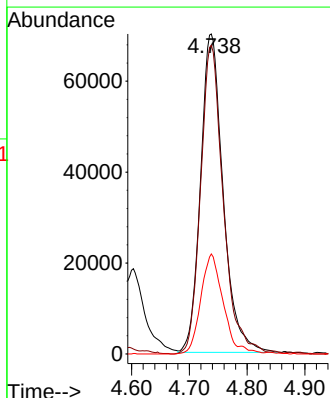
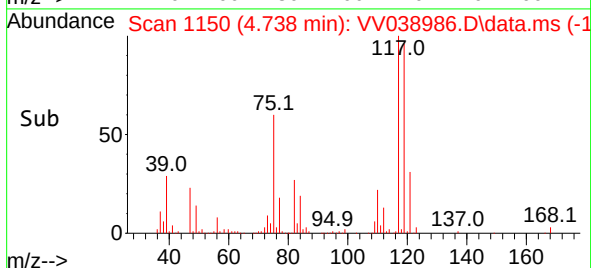
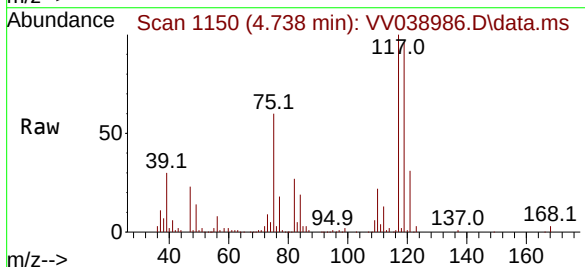


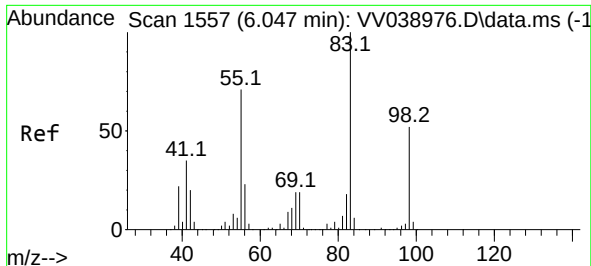
Tgt Ion: 43 Resp: 166024
Ion Ratio Lower Upper
43 100
61 13.0 12.6 19.0
70 11.2 10.2 15.4



#38
Carbon Tetrachloride
Concen: 18.033 ug/l
RT: 4.738 min Scan# 1150
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion: 117 Resp: 190841
Ion Ratio Lower Upper
117 100
119 96.7 77.1 115.7
121 31.3 25.4 38.2





#39

Methylcyclohexane

Concen: 19.113 ug/l

RT: 6.047 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

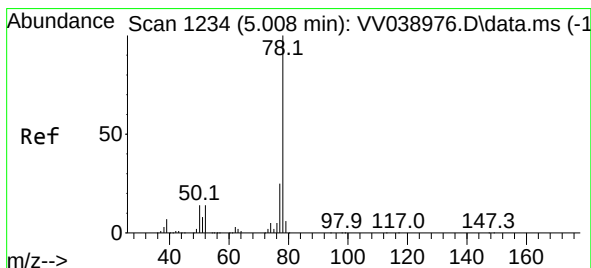
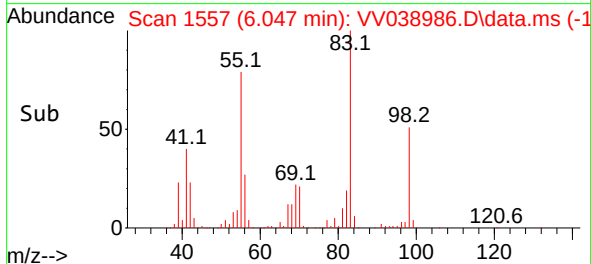
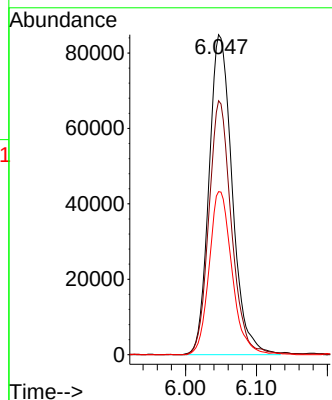
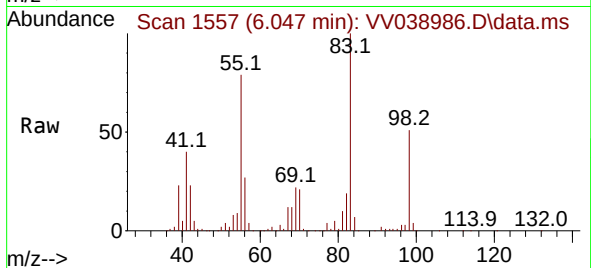
Tgt Ion: 83 Resp: 193000

Ion Ratio Lower Upper

83 100

55 79.4 57.0 85.6

98 51.0 41.3 61.9



#40

Benzene

Concen: 19.971 ug/l

RT: 5.015 min Scan# 1236

Delta R.T. 0.006 min

Lab File: VV038986.D

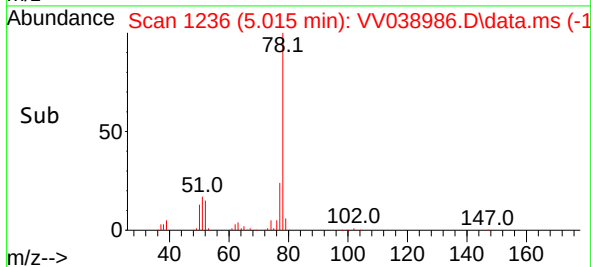
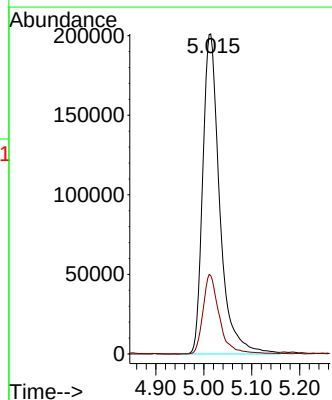
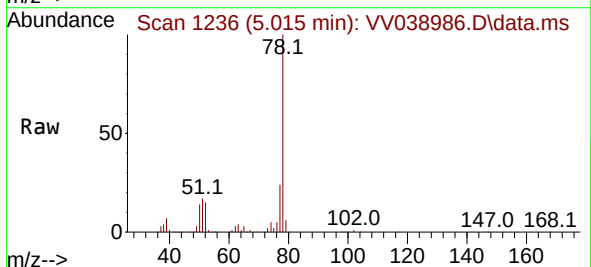
Acq: 21 Aug 2025 17:30

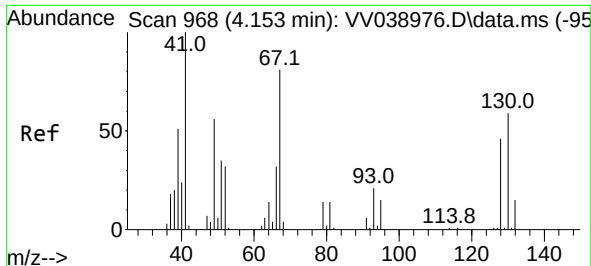
Tgt Ion: 78 Resp: 494339

Ion Ratio Lower Upper

78 100

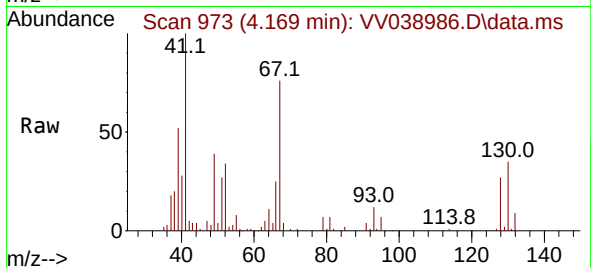
77 24.5 19.6 29.4



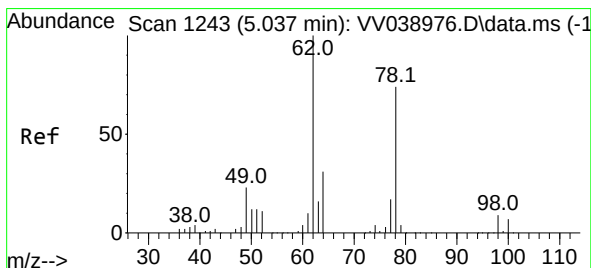
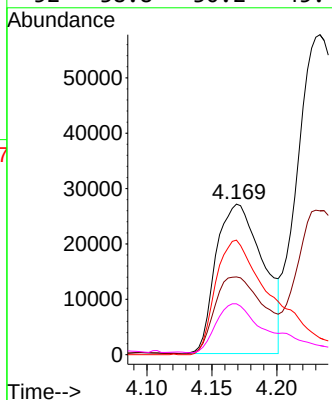
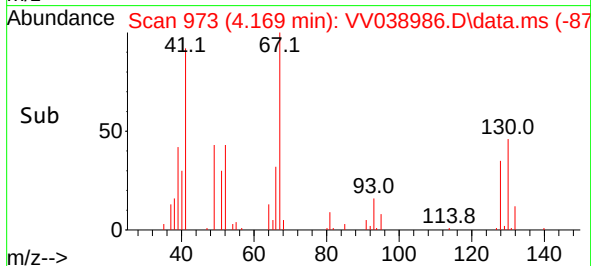


#41
Methacrylonitrile
Concen: 23.463 ug/l
RT: 4.169 min Scan# 91
Delta R.T. 0.016 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Instrument :
MSVOA_V
ClientSampleId :

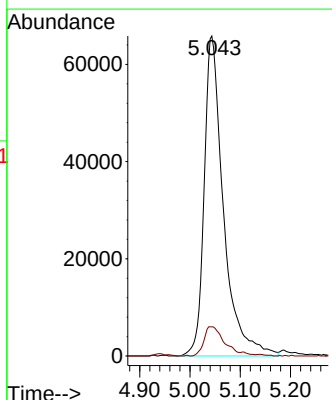
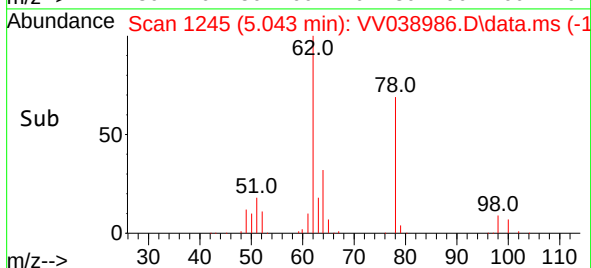
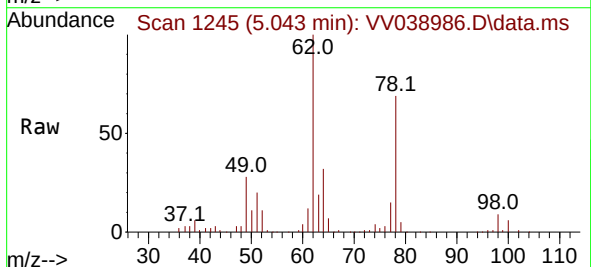


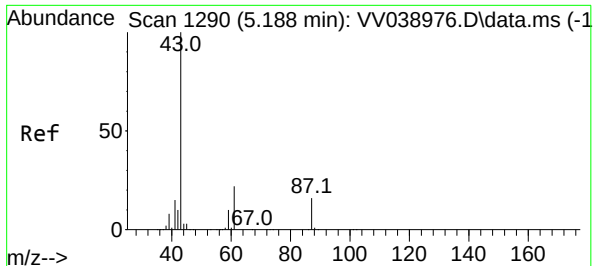
Tgt Ion: 41	Resp: 68265
Ion Ratio	Lower Upper
41 100	
39 53.0	45.5 68.3
67 96.2	83.5 125.3
52 38.8	30.2 45.4



#42
1,2-Dichloroethane
Concen: 19.387 ug/l
RT: 5.043 min Scan# 1245
Delta R.T. 0.006 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion: 62	Resp: 175431
Ion Ratio	Lower Upper
62 100	
98 9.4	0.0 19.2

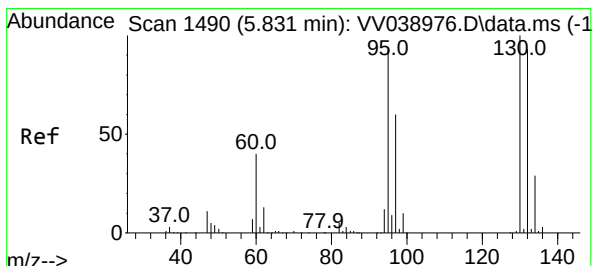
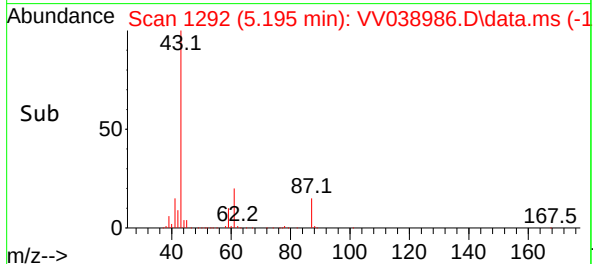
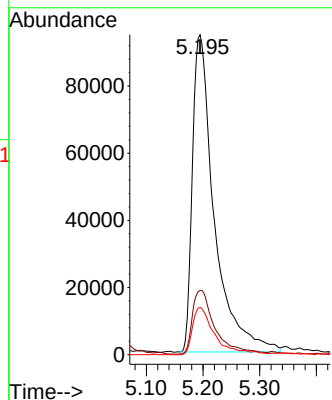
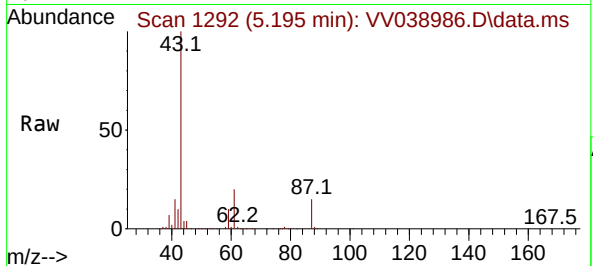




#43
Isopropyl Acetate
Concen: 21.475 ug/l
RT: 5.195 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

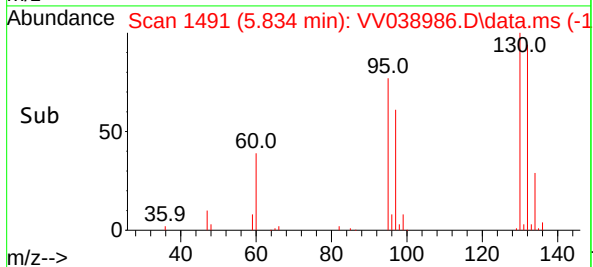
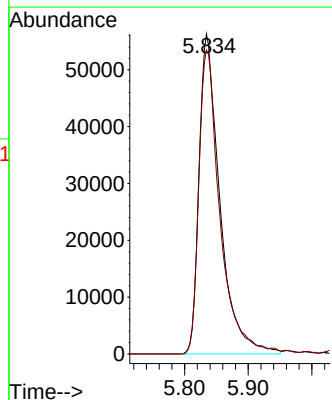
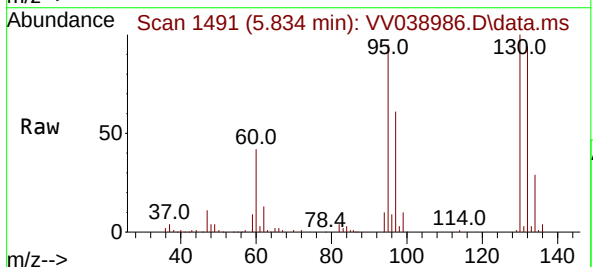
Instrument :
MSVOA_V
ClientSampleId :

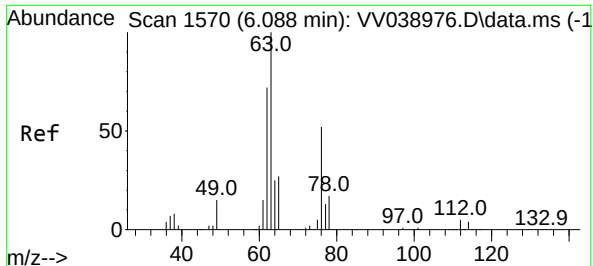
Tgt Ion: 43 Resp: 253009
Ion Ratio Lower Upper
43 100
61 20.7 17.4 26.2
87 14.7 13.3 19.9



#44
Trichloroethene
Concen: 19.060 ug/l
RT: 5.834 min Scan# 1491
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion:130 Resp: 127969
Ion Ratio Lower Upper
130 100
95 95.0 0.0 186.6





#45

1,2-Dichloropropane

Concen: 20.859 ug/l

RT: 6.092 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

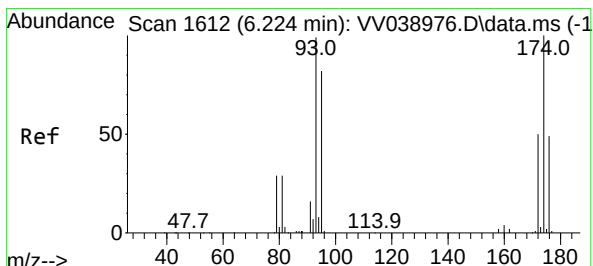
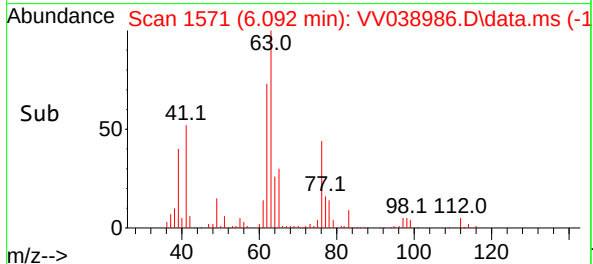
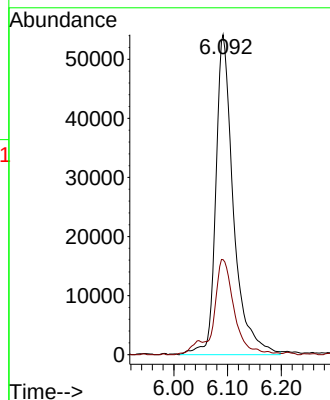
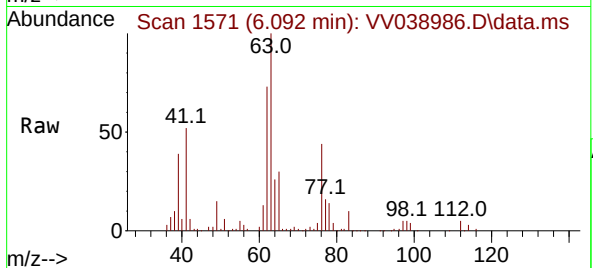
ClientSampleId :

Tgt Ion: 63 Resp: 123824

Ion Ratio Lower Upper

63 100

65 29.3 25.0 37.4



#46

Dibromomethane

Concen: 19.318 ug/l

RT: 6.230 min Scan# 1614

Delta R.T. 0.006 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

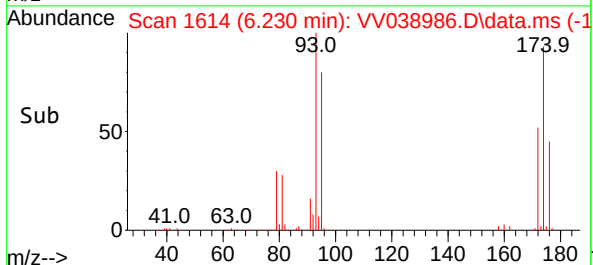
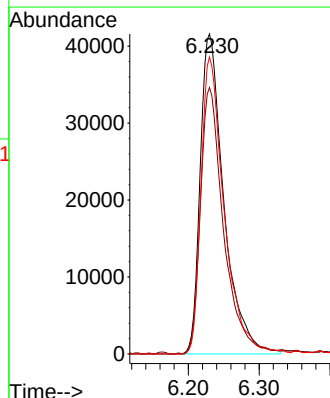
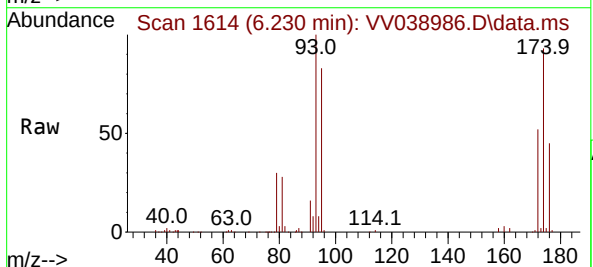
Tgt Ion: 93 Resp: 96227

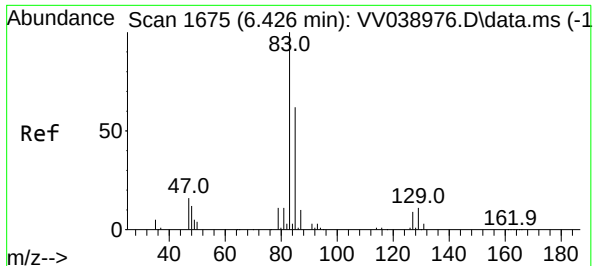
Ion Ratio Lower Upper

93 100

95 81.1 66.4 99.6

174 91.3 79.7 119.5

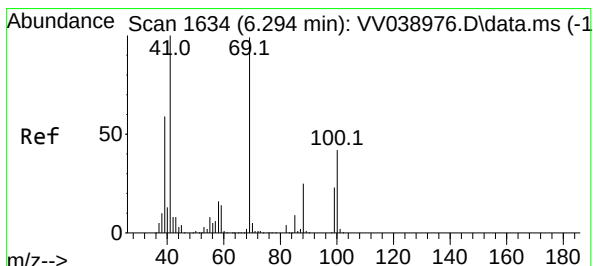
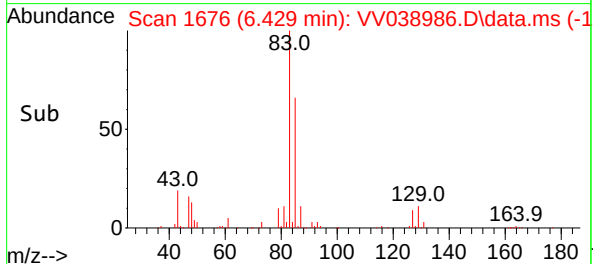
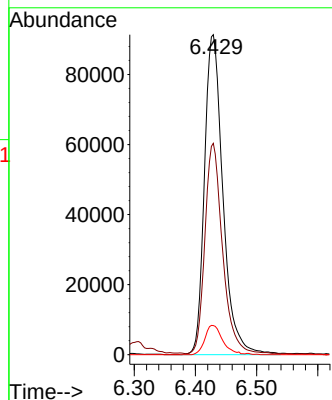
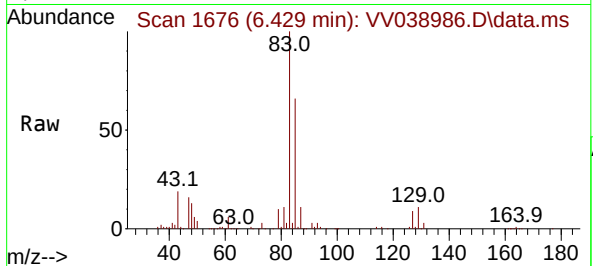




#47
Bromodichloromethane
Concen: 18.945 ug/l
RT: 6.429 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

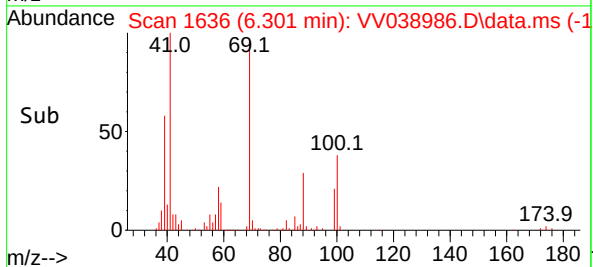
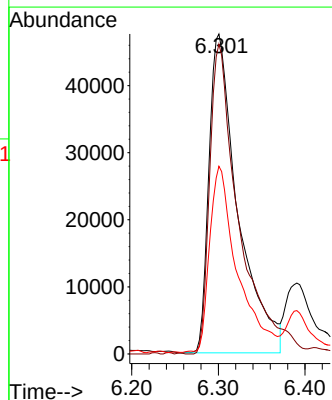
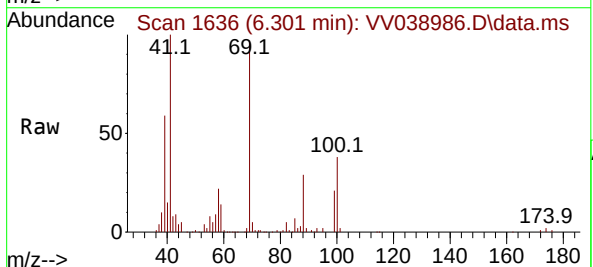
Instrument :
MSVOA_V
ClientSampleId :

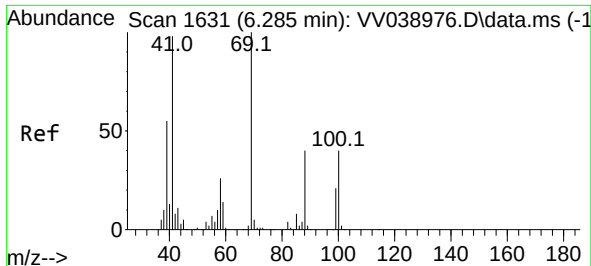
Tgt Ion: 83 Resp: 192054
Ion Ratio Lower Upper
83 100
85 65.7 49.6 74.4
127 9.1 6.9 10.3



#48
Methyl methacrylate
Concen: 20.923 ug/l
RT: 6.301 min Scan# 1636
Delta R.T. 0.006 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion: 41 Resp: 110496
Ion Ratio Lower Upper
41 100
69 97.9 82.5 123.7
39 55.7 46.6 69.8





#49

1,4-Dioxane

Concen: 456.010 ug/l

RT: 6.291 min Scan# 1

Delta R.T. 0.006 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

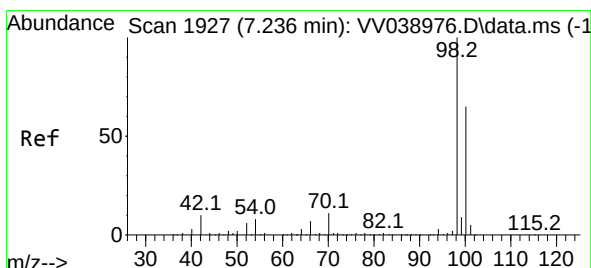
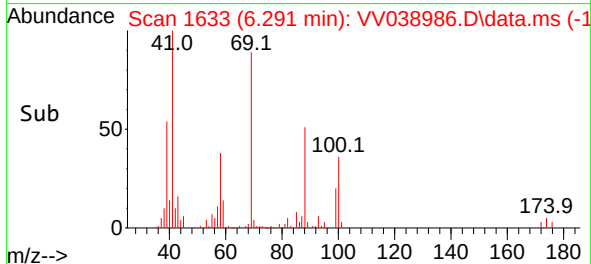
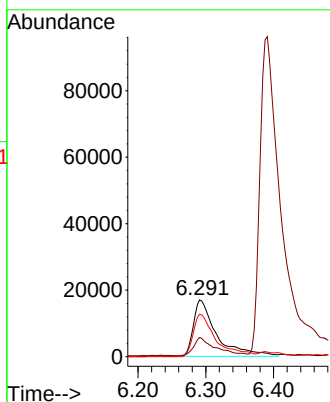
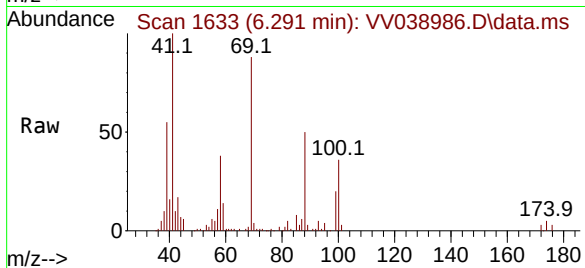
Tgt Ion: 88 Resp: 40268

Ion Ratio Lower Upper

88 100

43 30.1 24.6 36.8

58 73.5 51.8 77.6



#50

Toluene-d8

Concen: 48.927 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VV038986.D

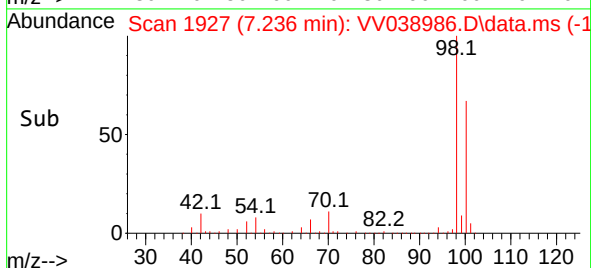
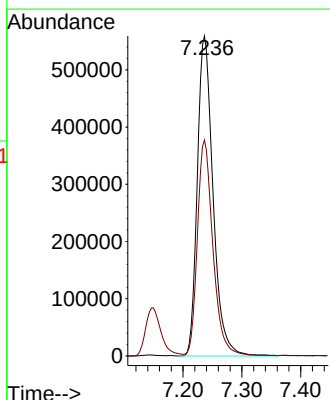
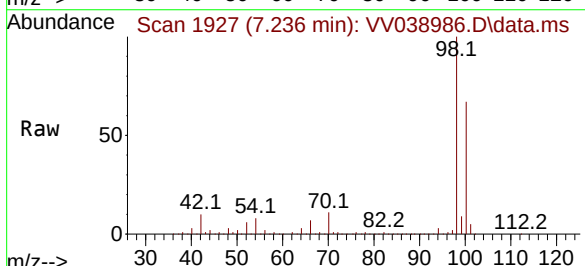
Acq: 21 Aug 2025 17:30

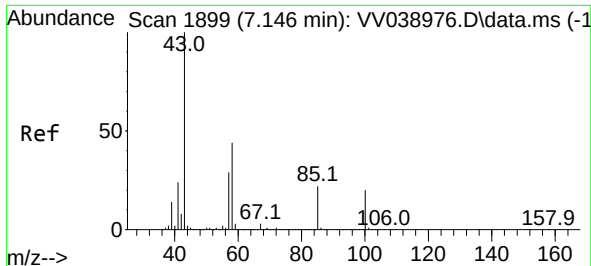
Tgt Ion: 98 Resp: 1038226

Ion Ratio Lower Upper

98 100

100 66.3 52.2 78.2

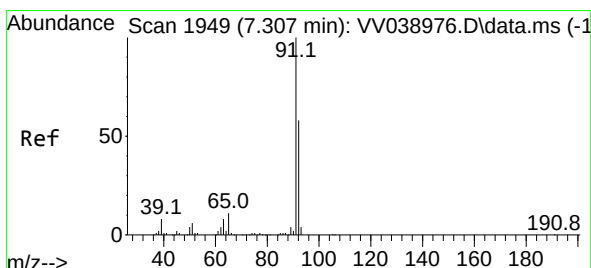
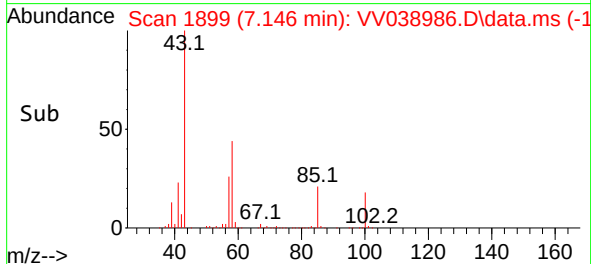
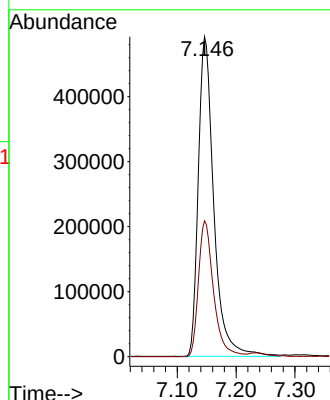
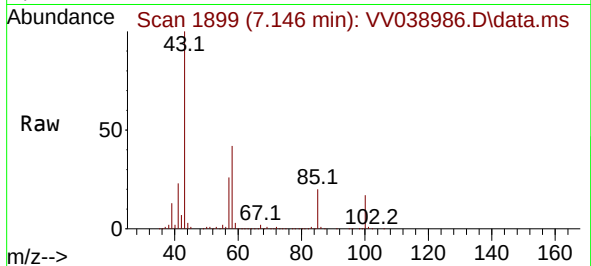




#51
4-Methyl-2-Pentanone
Concen: 116.420 ug/l
RT: 7.146 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

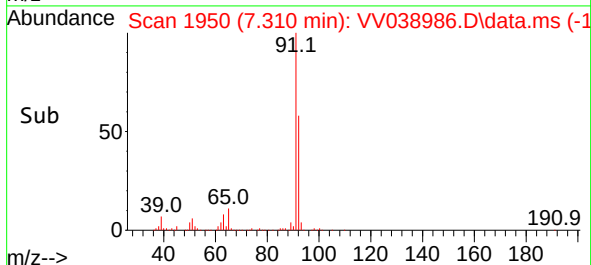
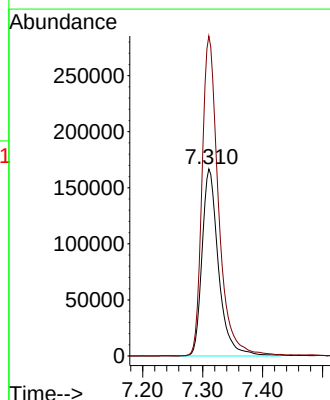
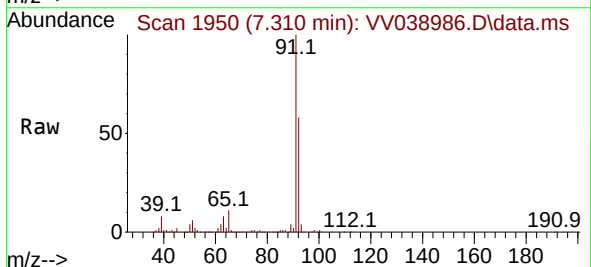
Instrument :
MSVOA_V
ClientSampleId :

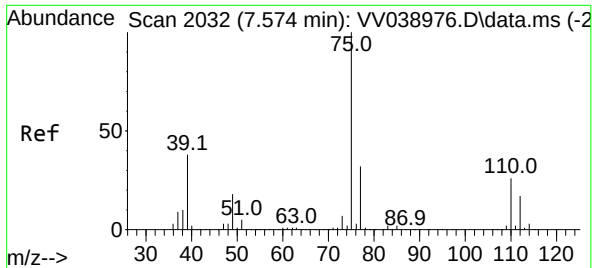
Tgt Ion: 43 Resp: 900583
Ion Ratio Lower Upper
43 100
58 41.3 34.6 51.8



#52
Toluene
Concen: 20.337 ug/l
RT: 7.310 min Scan# 1950
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion: 92 Resp: 318800
Ion Ratio Lower Upper
92 100
91 171.0 136.3 204.5

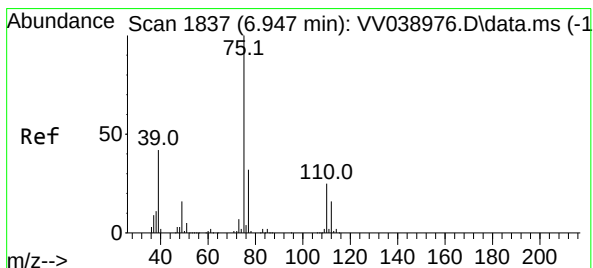
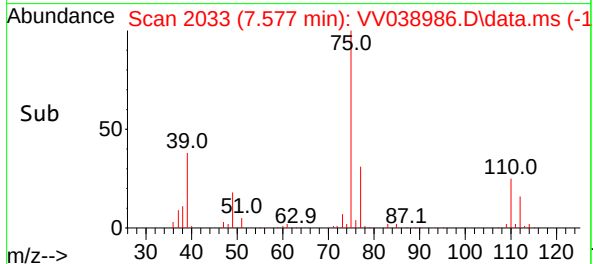
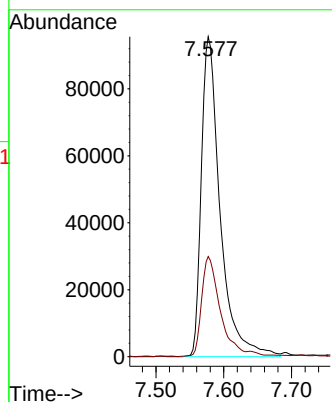
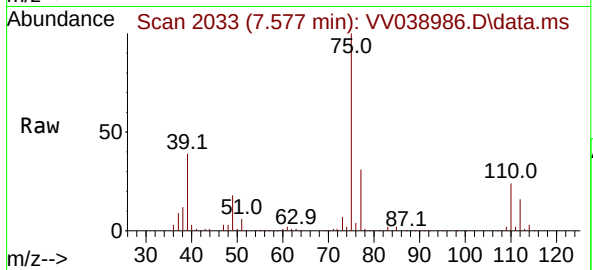




#53
 t-1,3-Dichloropropene
 Concen: 19.400 ug/l
 RT: 7.577 min Scan# 2032
 Delta R.T. 0.003 min
 Lab File: VV038986.D
 Acq: 21 Aug 2025 17:30

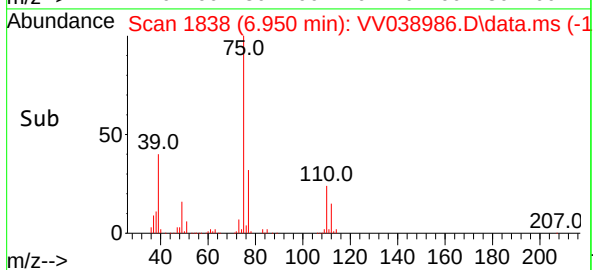
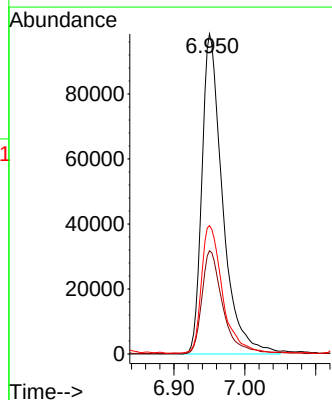
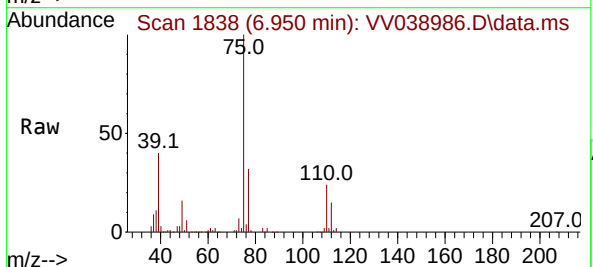
Instrument :
 MSVOA_V
 ClientSampleId :

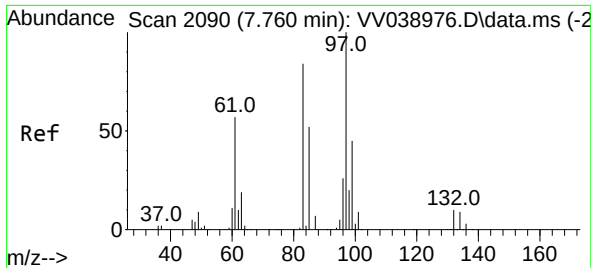
Tgt Ion: 75 Resp: 183850
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.364 ug/l
 RT: 6.950 min Scan# 1838
 Delta R.T. 0.003 min
 Lab File: VV038986.D
 Acq: 21 Aug 2025 17:30

Tgt Ion: 75 Resp: 199956
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.6 38.4
 39 39.8 33.3 49.9



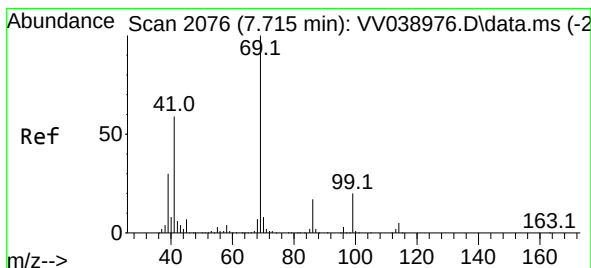
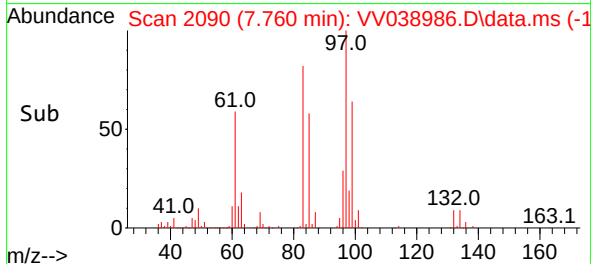
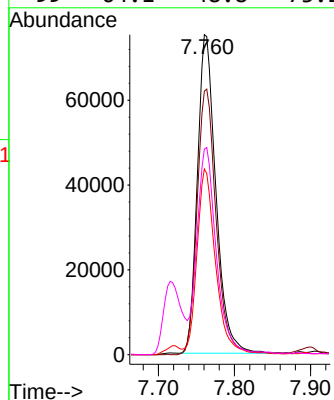
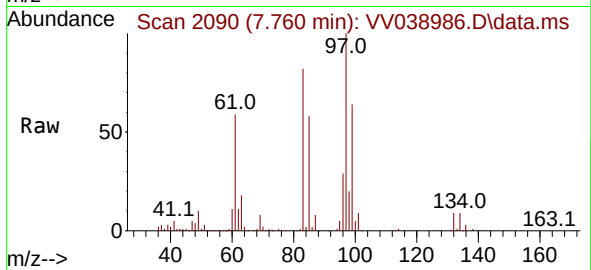


#55
 1,1,2-Trichloroethane
 Concen: 18.621 ug/l
 RT: 7.760 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: VV038986.D
 Acq: 21 Aug 2025 17:30

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 97 Resp: 127276

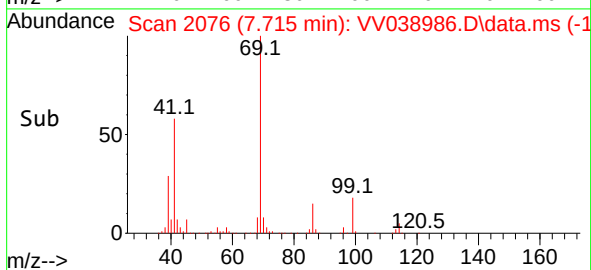
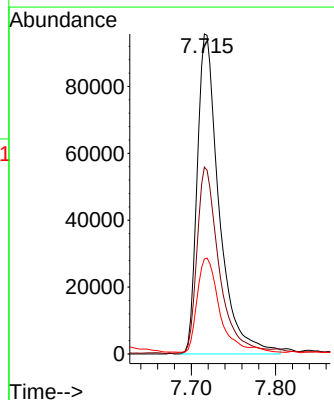
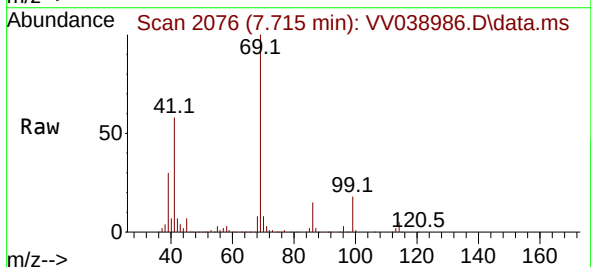
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.2	100.8
85	58.0	42.7	64.1
99	64.1	48.8	73.2

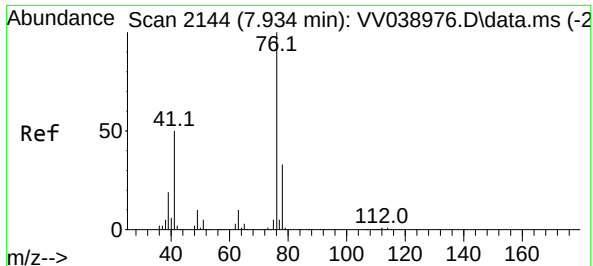


#56
 Ethyl methacrylate
 Concen: 17.661 ug/l
 RT: 7.715 min Scan# 2076
 Delta R.T. 0.000 min
 Lab File: VV038986.D
 Acq: 21 Aug 2025 17:30

Tgt Ion: 69 Resp: 173607

Ion	Ratio	Lower	Upper
69	100		
41	58.4	47.5	71.3
39	29.3	24.2	36.2





#57

1,3-Dichloropropane

Concen: 19.454 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. 0.000 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

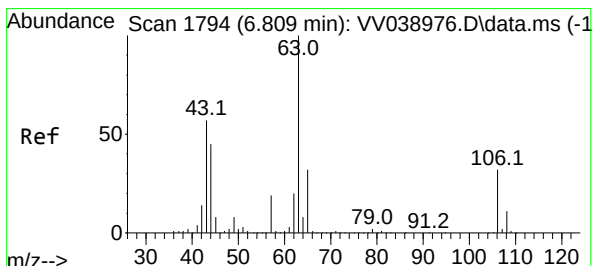
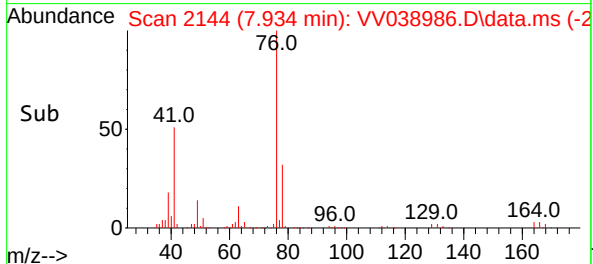
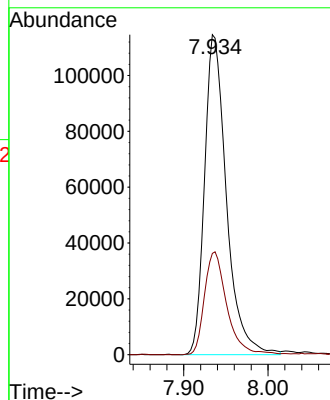
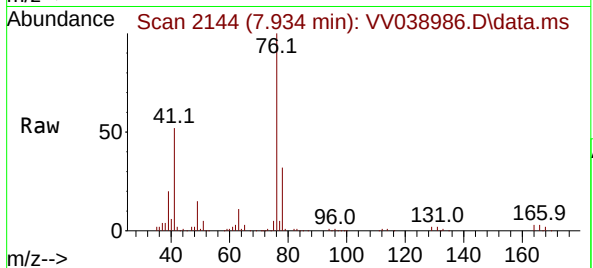
ClientSampleId :

Tgt Ion: 76 Resp: 207333

Ion Ratio Lower Upper

76 100

78 32.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 103.890 ug/l

RT: 6.812 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VV038986.D

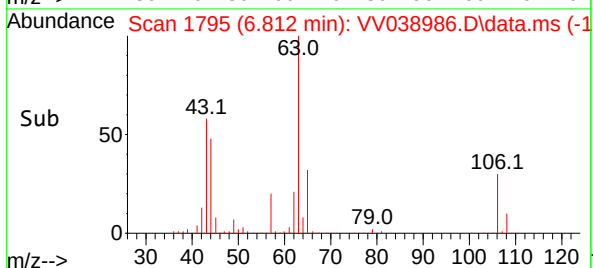
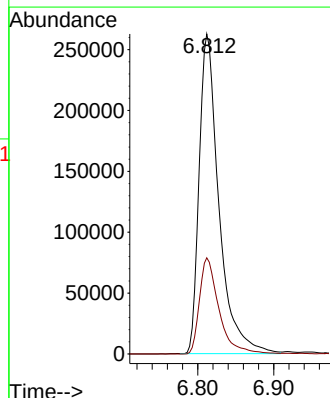
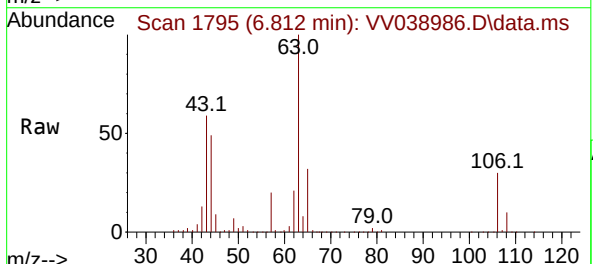
Acq: 21 Aug 2025 17:30

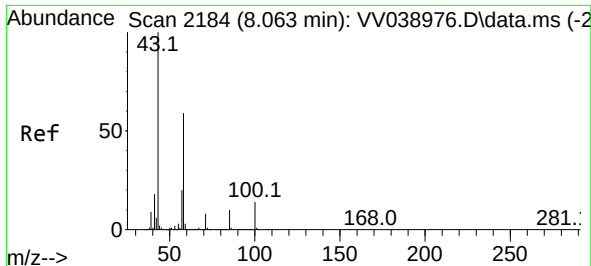
Tgt Ion: 63 Resp: 474511

Ion Ratio Lower Upper

63 100

106 29.6 25.6 38.4





#59

2-Hexanone

Concen: 88.693 ug/l

RT: 8.063 min Scan# 2184

Delta R.T. -0.000 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

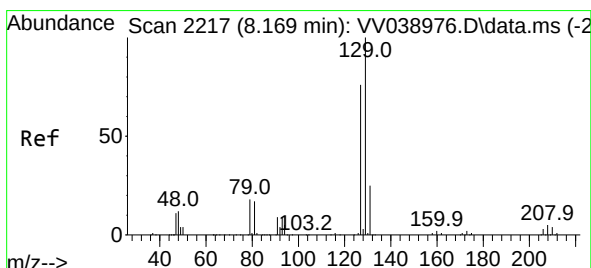
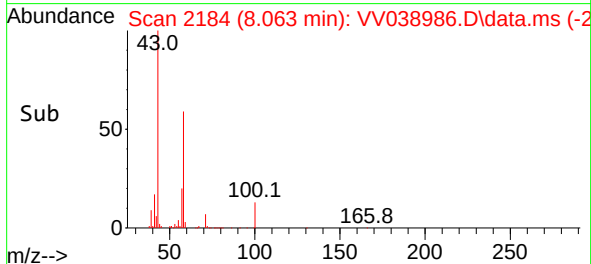
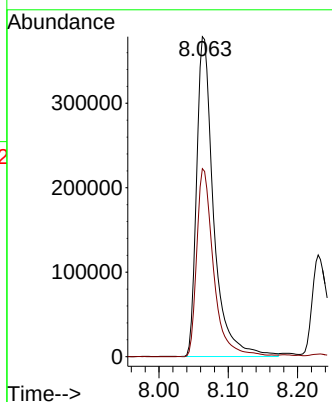
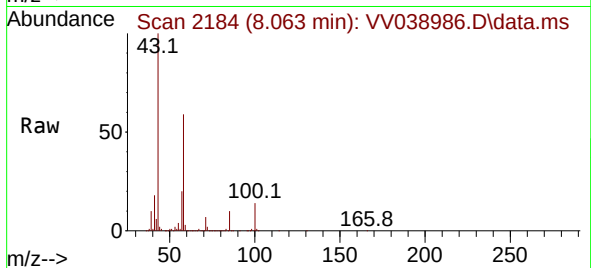
ClientSampleId :

Tgt Ion: 43 Resp: 647810

Ion Ratio Lower Upper

43 100

58 58.2 29.8 89.4



#60

Dibromochloromethane

Concen: 18.857 ug/l

RT: 8.169 min Scan# 2217

Delta R.T. -0.000 min

Lab File: VV038986.D

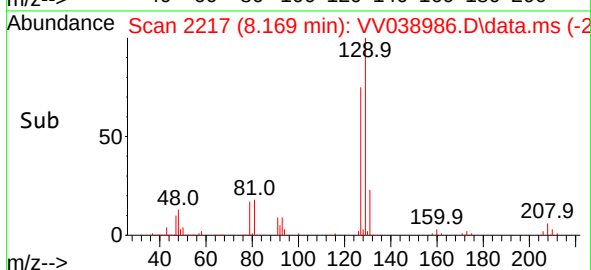
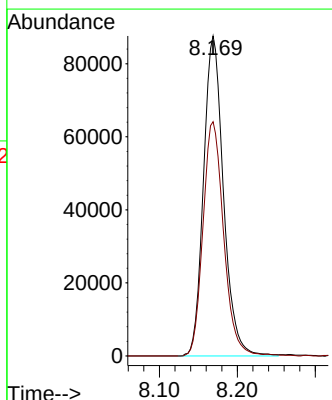
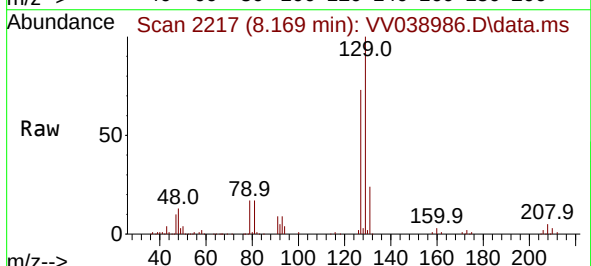
Acq: 21 Aug 2025 17:30

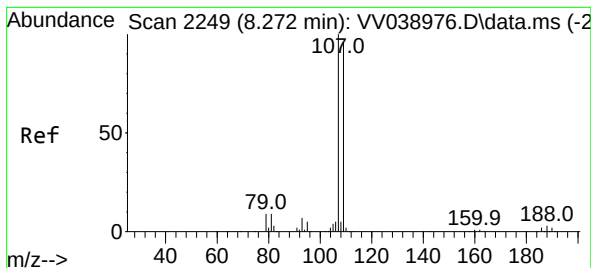
Tgt Ion:129 Resp: 155630

Ion Ratio Lower Upper

129 100

127 75.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 19.524 ug/l

RT: 8.275 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

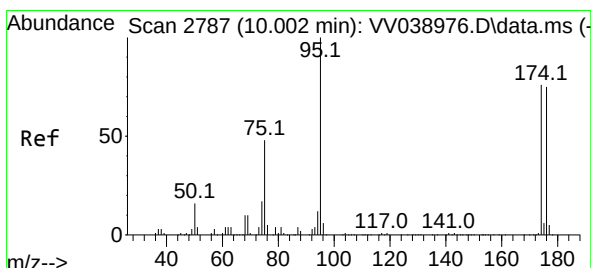
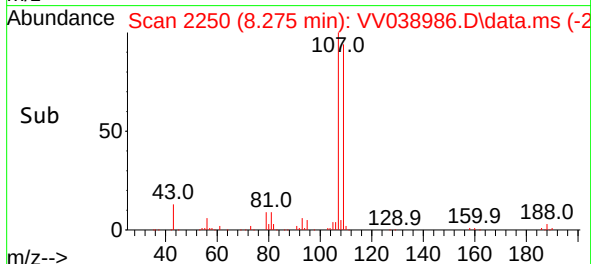
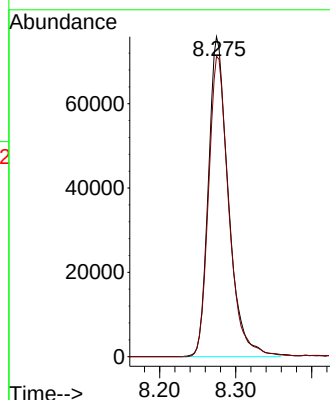
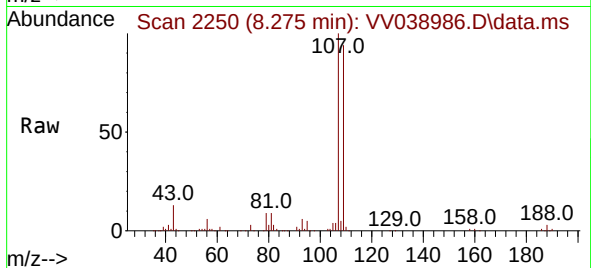
ClientSampleId :

Tgt Ion:107 Resp: 138444

Ion Ratio Lower Upper

107 100

109 95.7 75.8 113.6



#62

4-Bromofluorobenzene

Concen: 48.957 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. -0.000 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

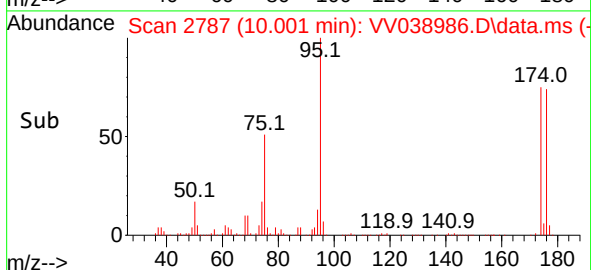
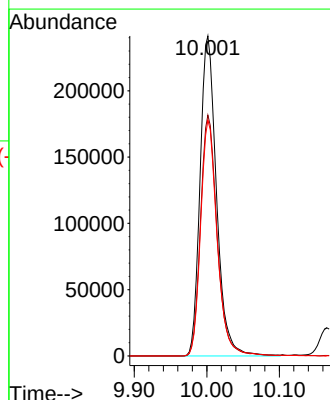
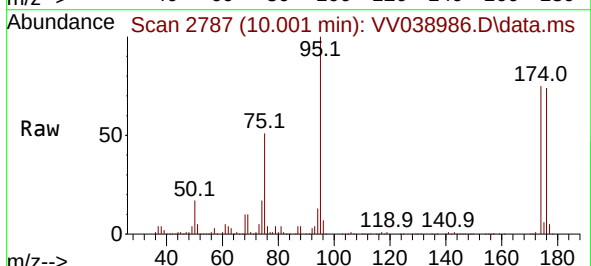
Tgt Ion: 95 Resp: 380040

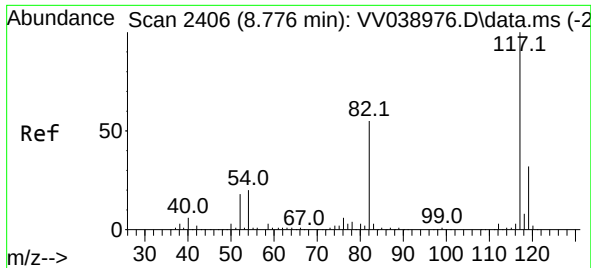
Ion Ratio Lower Upper

95 100

174 76.1 0.0 154.4

176 73.9 0.0 148.6

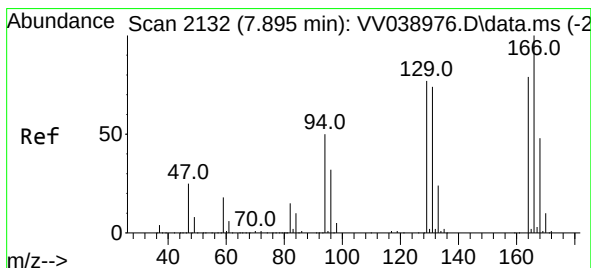
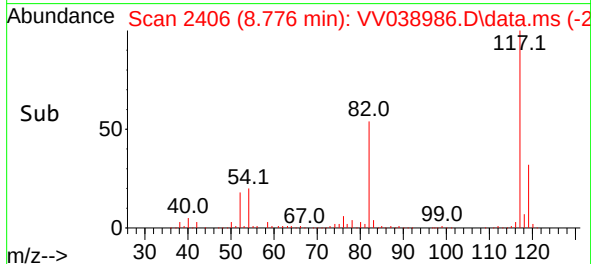
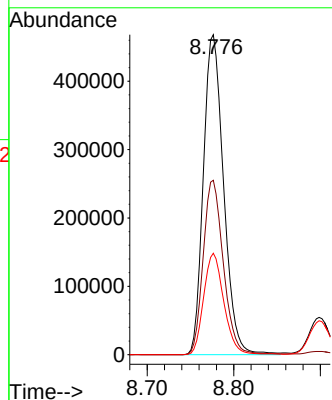
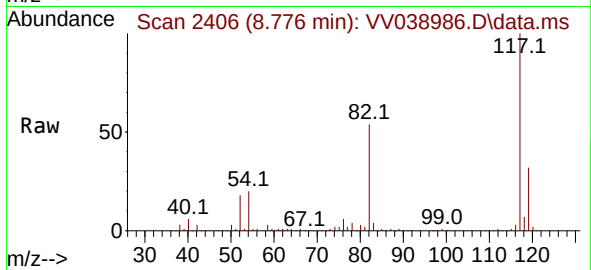




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.776 min Scan# 2406
Delta R.T. 0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

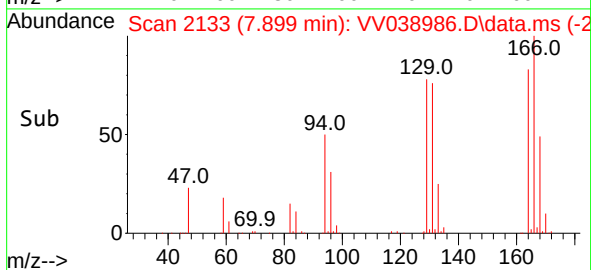
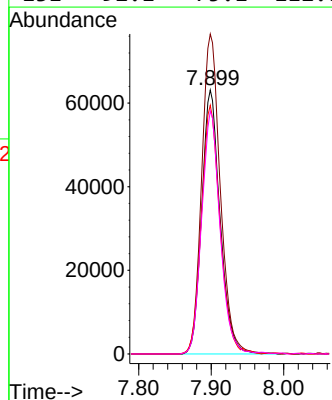
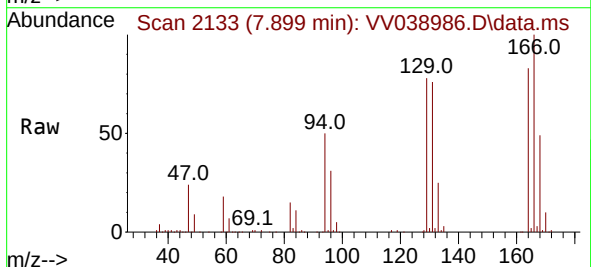
Instrument :
MSVOA_V
ClientSampleId :

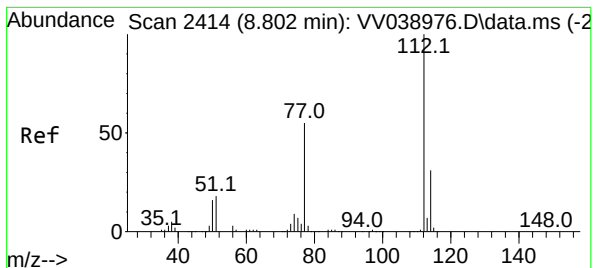
Tgt Ion:117 Resp: 760113
Ion Ratio Lower Upper
117 100
82 54.5 44.4 66.6
119 31.7 26.0 39.0



#64
Tetrachloroethene
Concen: 19.646 ug/l
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion:164 Resp: 111119
Ion Ratio Lower Upper
164 100
166 121.2 101.8 152.6
129 94.2 78.7 118.1
131 92.1 75.1 112.7





#65

Chlorobenzene

Concen: 18.968 ug/l

RT: 8.805 min Scan# 2414

Delta R.T. 0.003 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

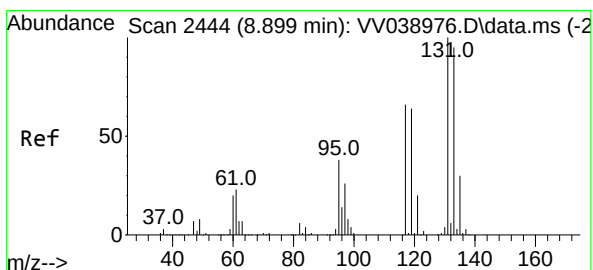
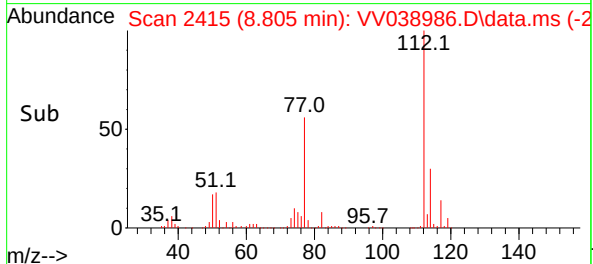
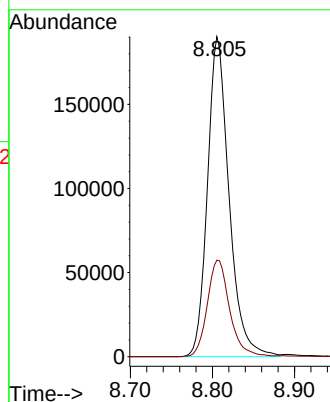
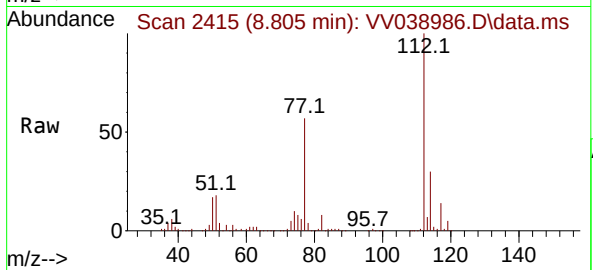
ClientSampleId :

Tgt Ion:112 Resp: 347626

Ion Ratio Lower Upper

112 100

114 30.1 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.619 ug/l

RT: 8.899 min Scan# 2444

Delta R.T. -0.000 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

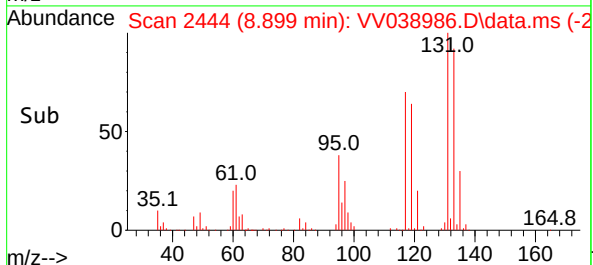
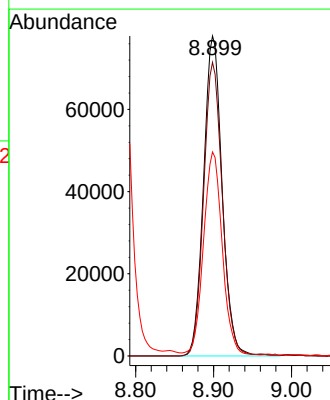
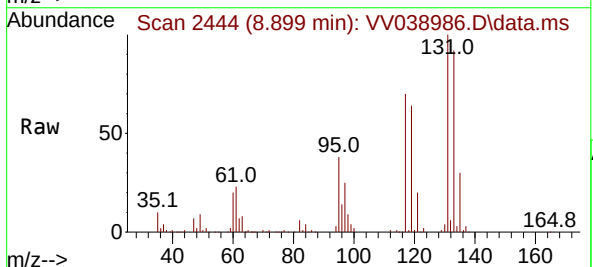
Tgt Ion:131 Resp: 129075

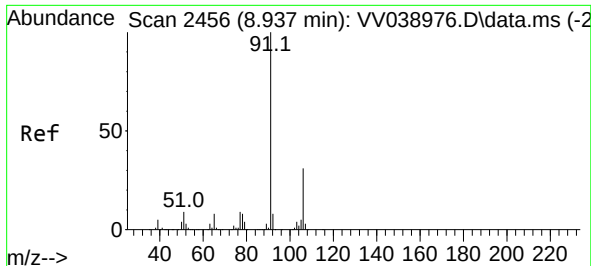
Ion Ratio Lower Upper

131 100

133 92.3 47.6 142.9

119 63.6 32.1 96.3





#67

Ethyl Benzene

Concen: 19.857 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

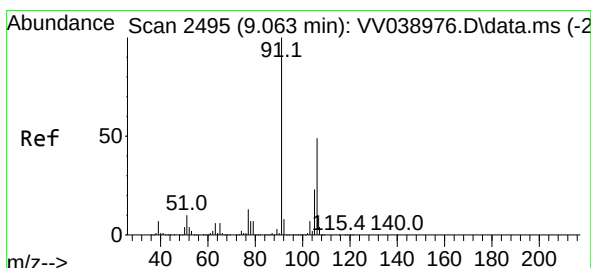
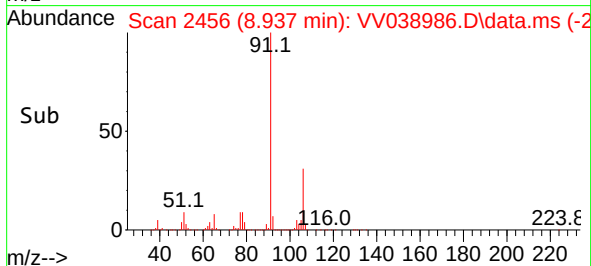
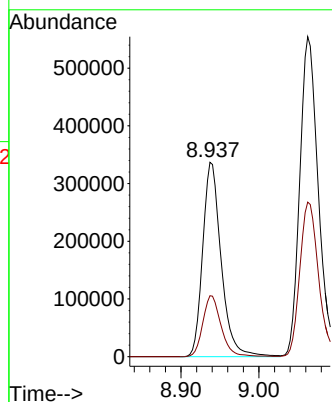
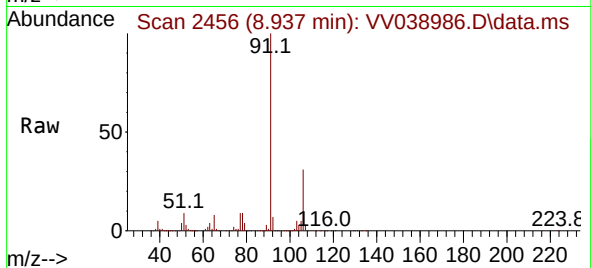
ClientSampleId :

Tgt Ion: 91 Resp: 555564

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 41.753 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV038986.D

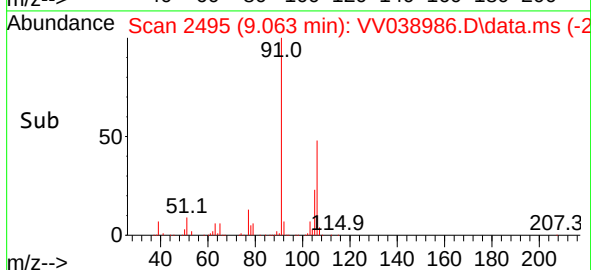
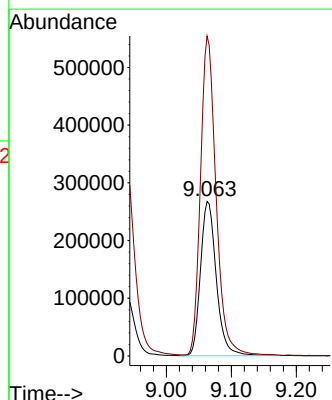
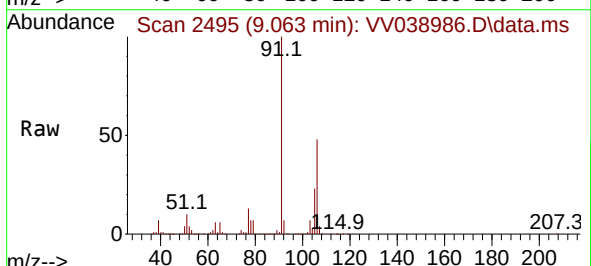
Acq: 21 Aug 2025 17:30

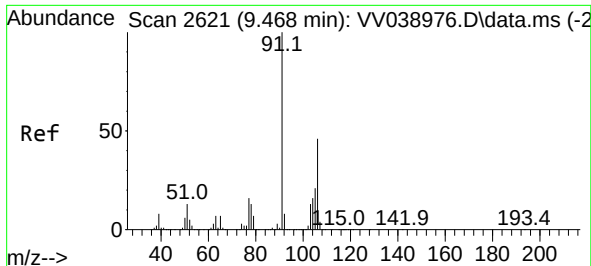
Tgt Ion:106 Resp: 453688

Ion Ratio Lower Upper

106 100

91 204.2 163.6 245.4

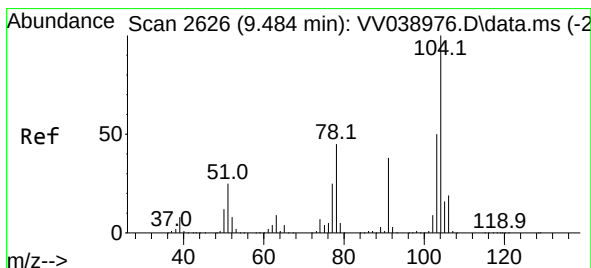
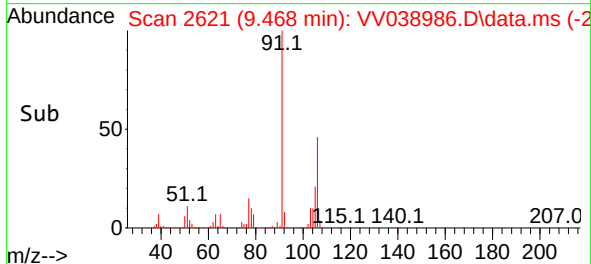
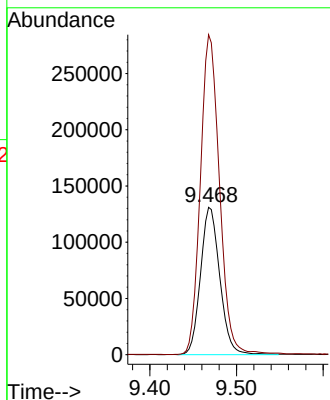
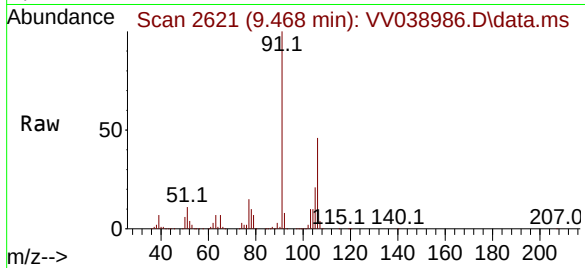




#69
o-Xylene
Concen: 20.500 ug/l
RT: 9.468 min Scan# 203023
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

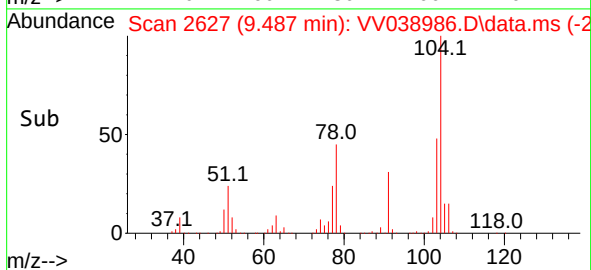
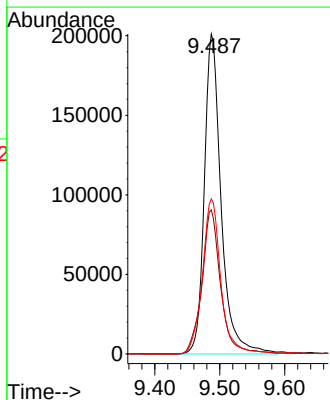
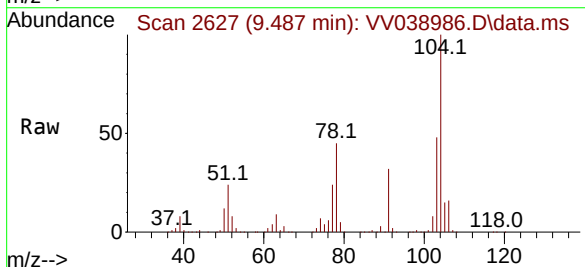
Instrument :
MSVOA_V
ClientSampleId :

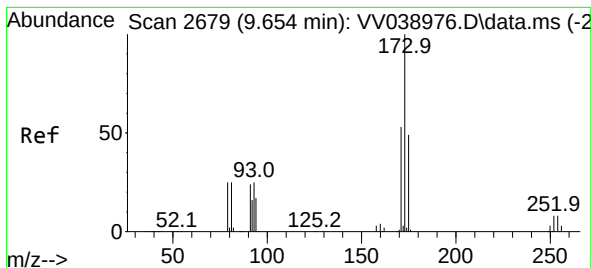
Tgt Ion:106 Resp: 203023
Ion Ratio Lower Upper
106 100
91 214.9 108.0 324.0



#70
Styrene
Concen: 21.334 ug/l
RT: 9.487 min Scan# 2627
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion:104 Resp: 362488
Ion Ratio Lower Upper
104 100
78 50.2 39.8 59.8
103 53.5 43.5 65.3





#71

Bromoform

Concen: 19.174 ug/l

RT: 9.657 min Scan# 2

Delta R.T. 0.003 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

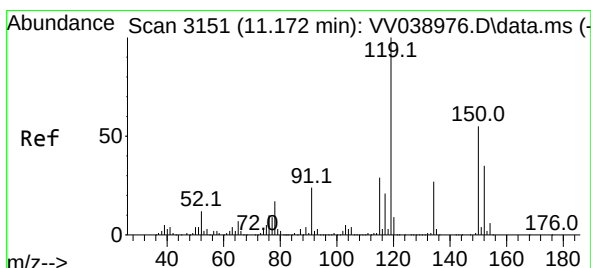
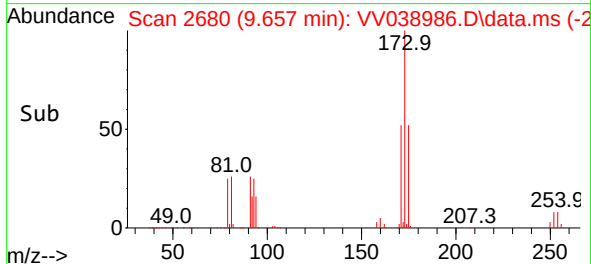
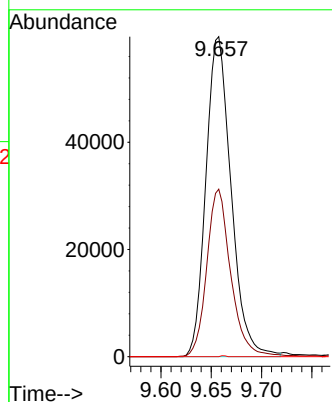
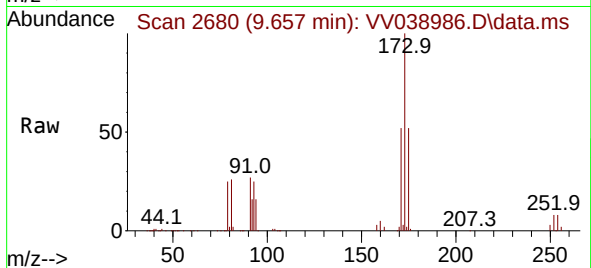
Tgt Ion:173 Resp: 103934

Ion Ratio Lower Upper

173 100

175 50.0 24.6 73.6

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. -0.000 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

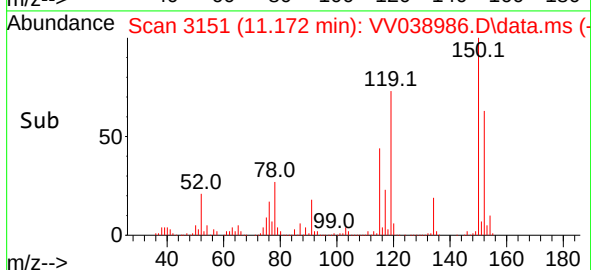
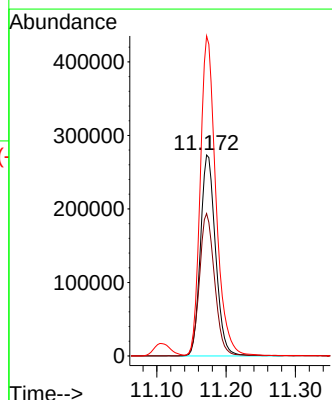
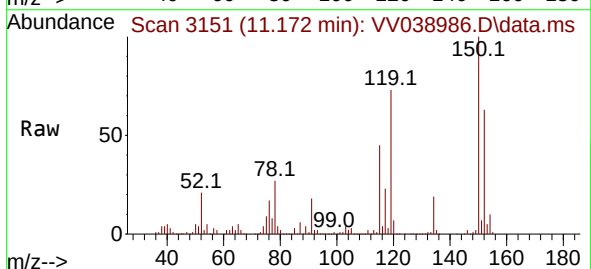
Tgt Ion:152 Resp: 414371

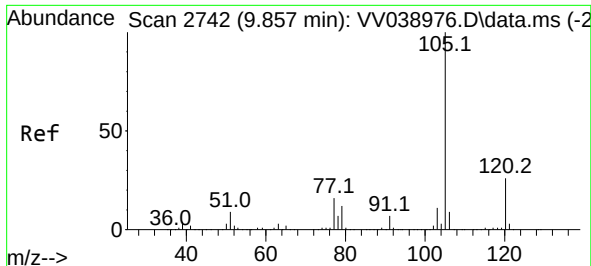
Ion Ratio Lower Upper

152 100

115 70.7 42.5 127.5

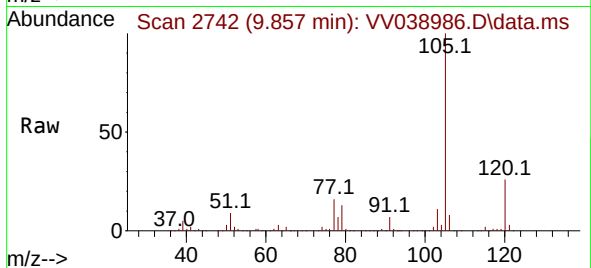
150 164.1 0.0 344.8



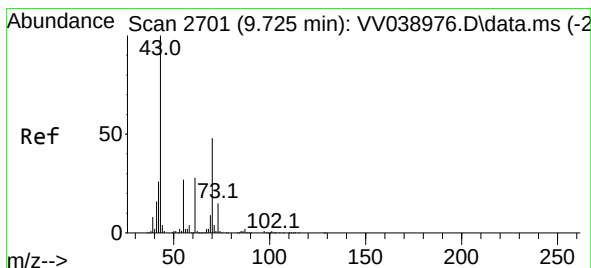
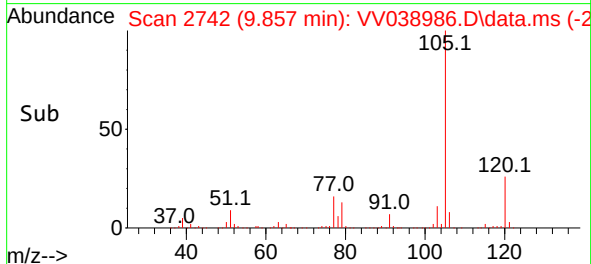
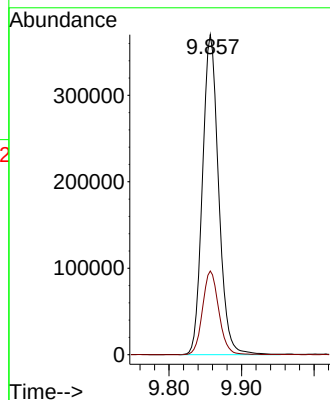


#73
Isopropylbenzene
Concen: 20.571 ug/l
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Instrument :
MSVOA_V
ClientSampleId :

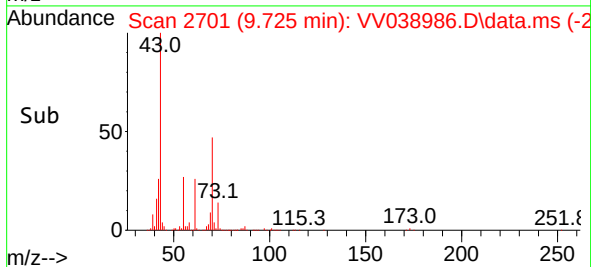
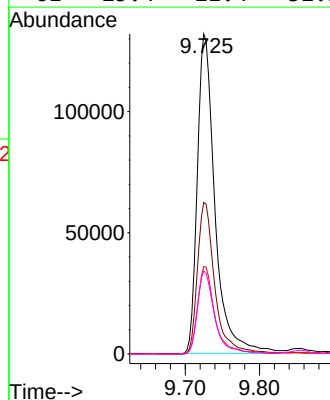
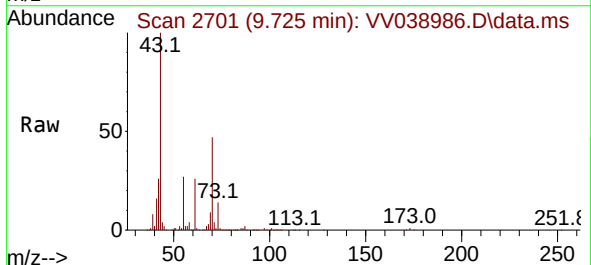


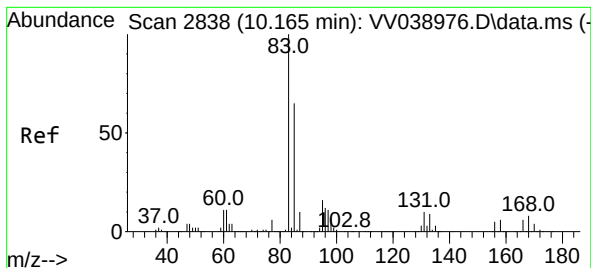
Tgt Ion:105 Resp: 571982
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1



#74
N-ethyl acetate
Concen: 21.527 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion: 43 Resp: 219302
Ion Ratio Lower Upper
43 100
70 46.8 38.3 57.5
55 25.9 21.6 32.4
61 25.4 21.4 32.2

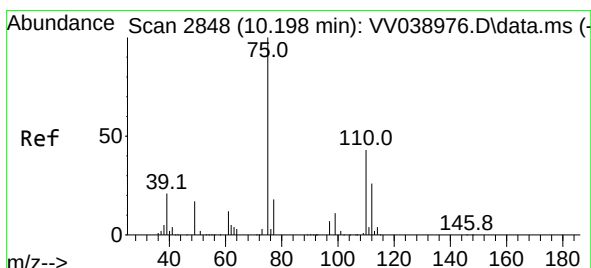
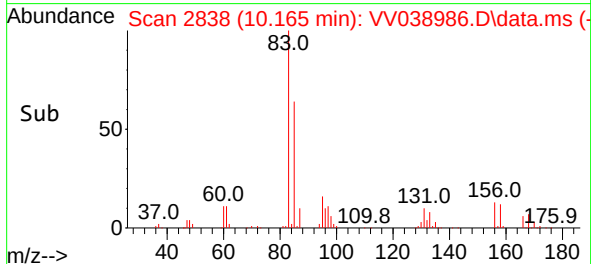
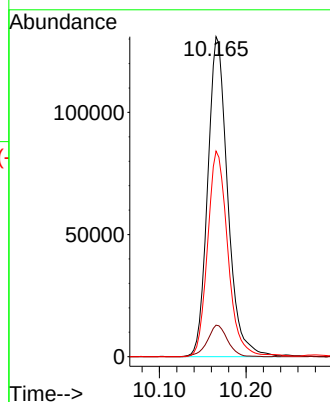
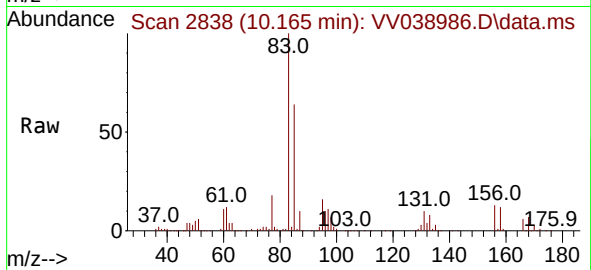




#75
1,1,2,2-Tetrachloroethane
Concen: 19.028 ug/l
RT: 10.165 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

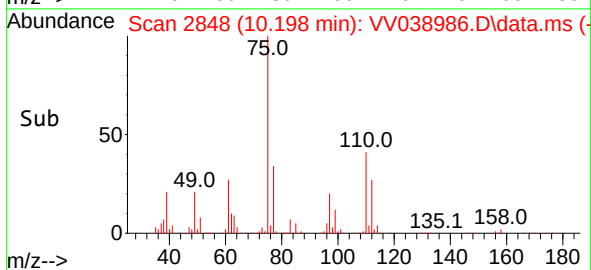
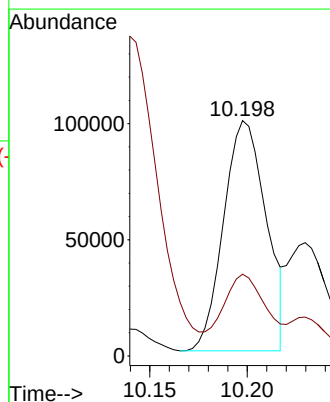
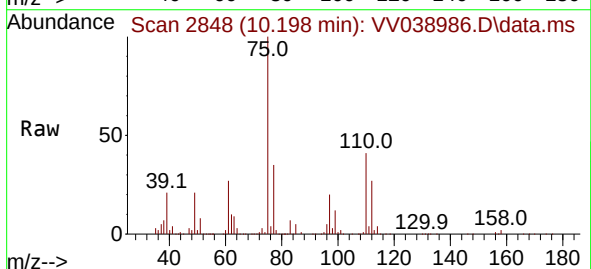
Instrument :
MSVOA_V
ClientSampleId :

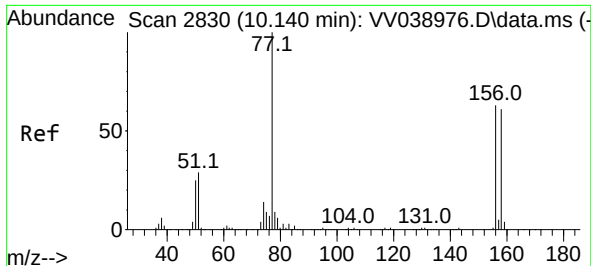
Tgt Ion: 83 Resp: 210122
Ion Ratio Lower Upper
83 100
131 10.0 5.3 15.9
85 65.3 32.5 97.5



#76
1,2,3-Trichloropropane
Concen: 19.602 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion: 75 Resp: 150658
Ion Ratio Lower Upper
75 100
77 21.9 11.3 33.8

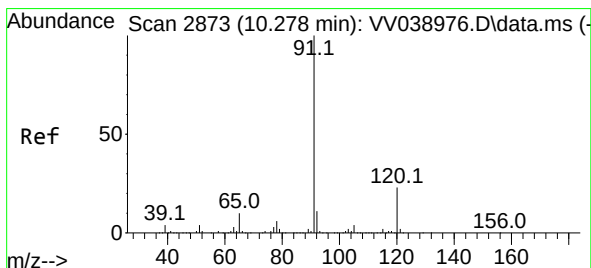
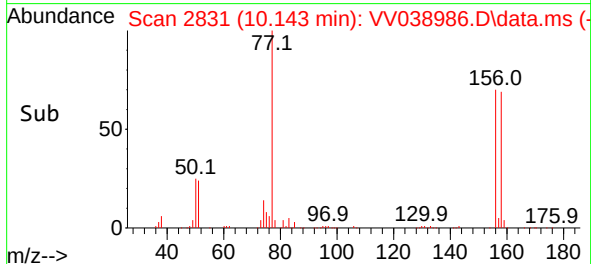
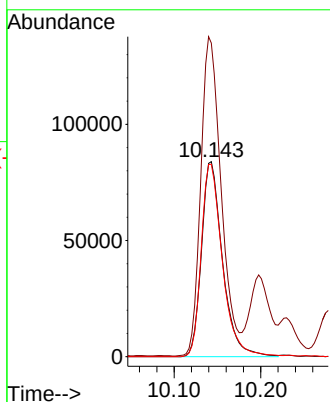
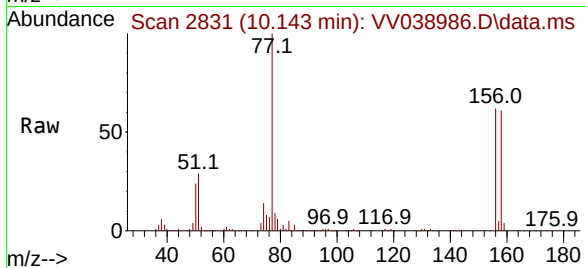




#77
Bromobenzene
Concen: 19.795 ug/l
RT: 10.143 min Scan# 2831
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

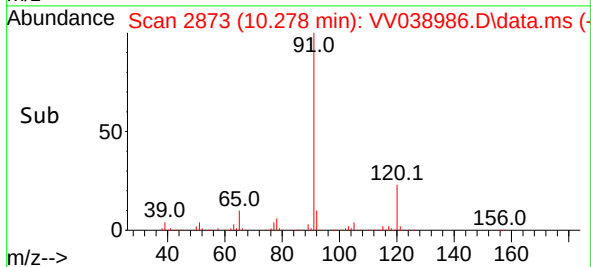
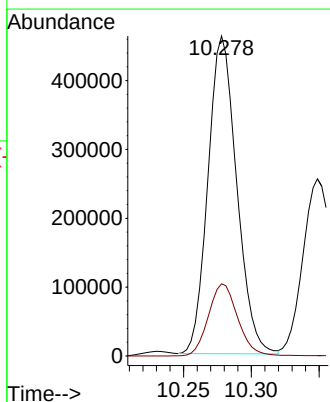
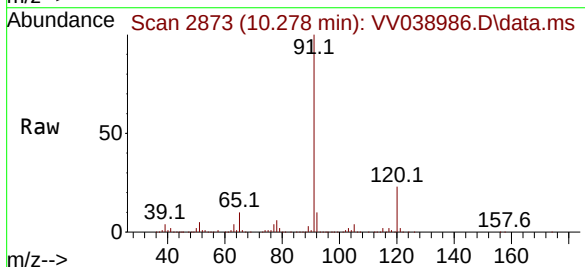
Instrument :
MSVOA_V
ClientSampleId :

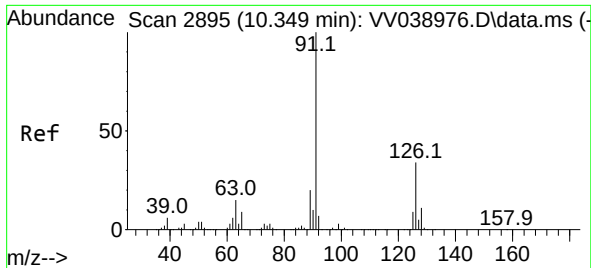
Tgt Ion:156 Resp: 141414
Ion Ratio Lower Upper
156 100
77 157.9 79.0 237.0
158 99.5 48.6 145.9



#78
n-propylbenzene
Concen: 20.476 ug/l
RT: 10.278 min Scan# 2873
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion: 91 Resp: 679753
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.4

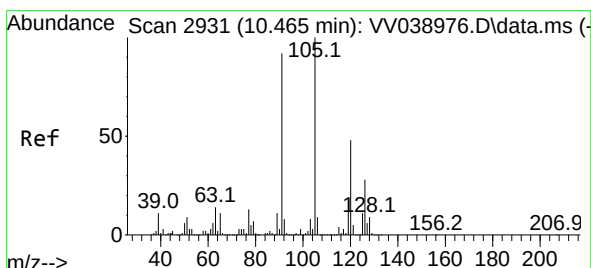
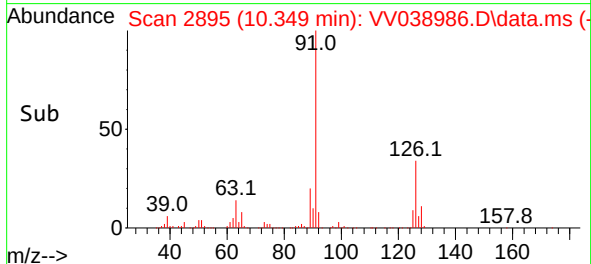
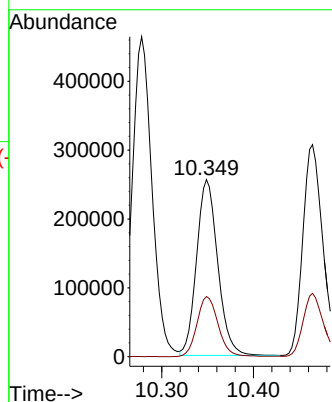
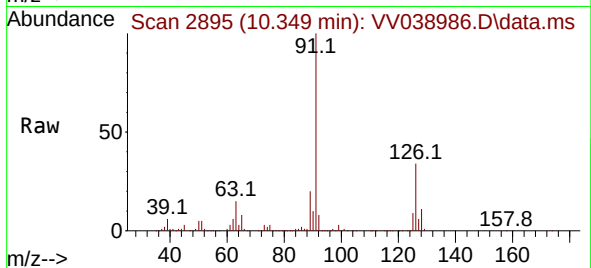




#79
2-Chlorotoluene
Concen: 20.532 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

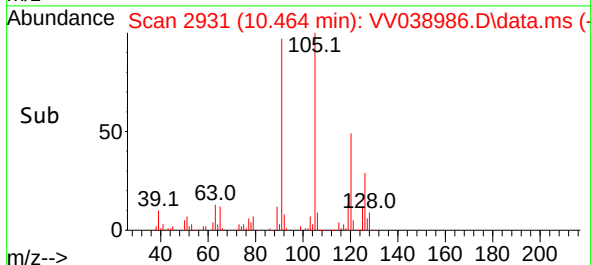
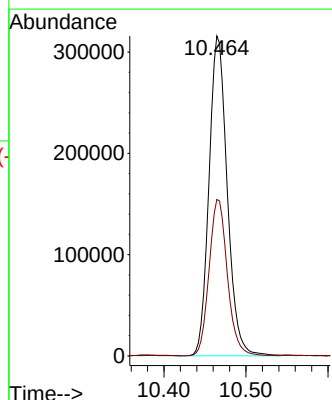
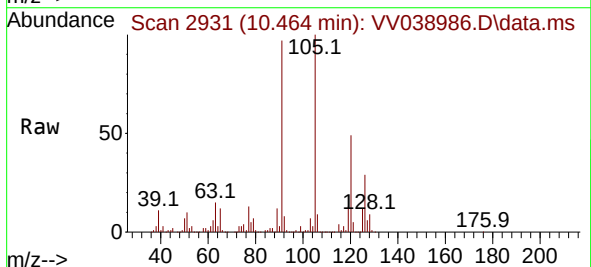
Instrument :
MSVOA_V
ClientSampleId :

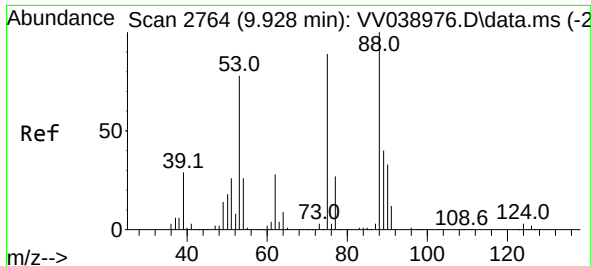
Tgt Ion: 91 Resp: 409262
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 20.827 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion: 105 Resp: 487343
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

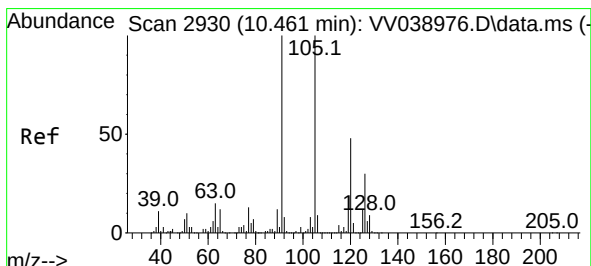
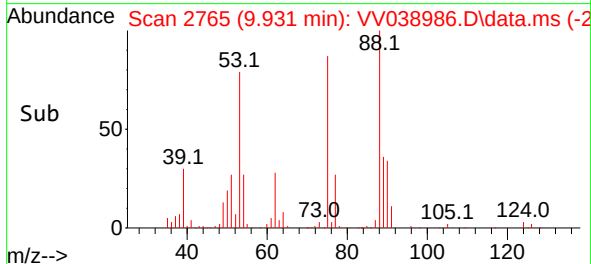
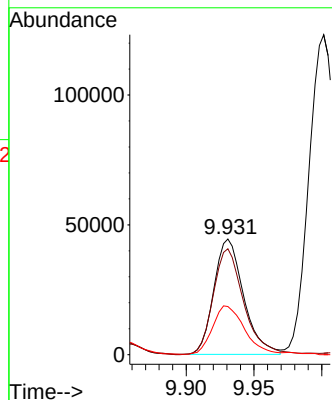
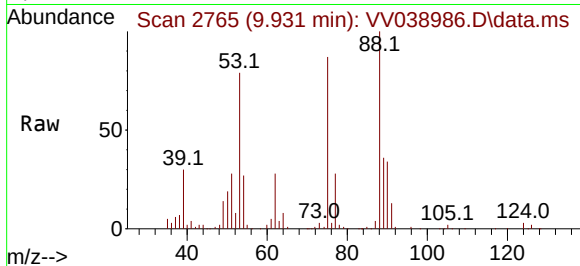




#81
trans-1,4-Dichloro-2-butene
Concen: 20.278 ug/l
RT: 9.931 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

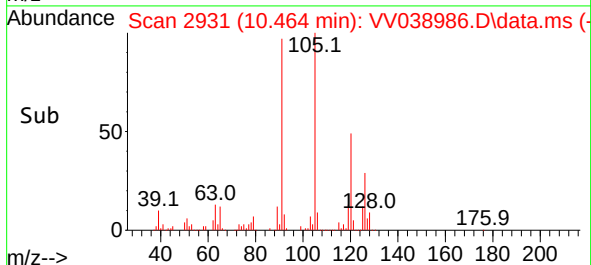
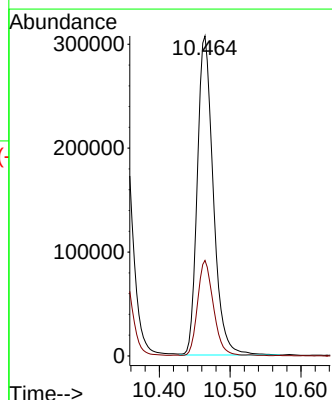
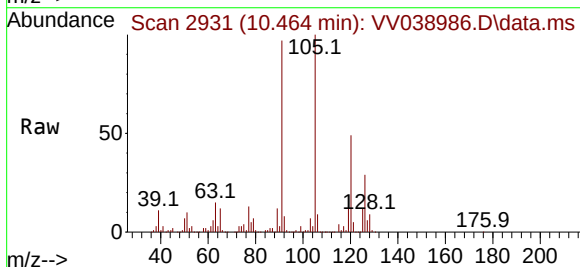
Instrument :
MSVOA_V
ClientSampleId :

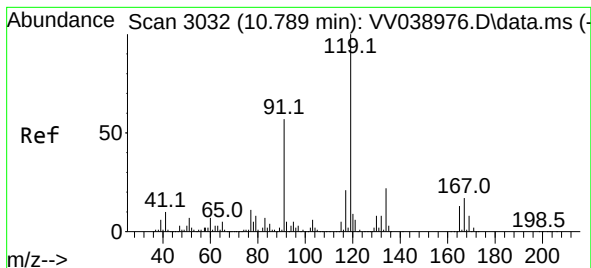
Tgt Ion: 75 Resp: 67887
Ion Ratio Lower Upper
75 100
53 94.3 70.3 105.5
89 44.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.906 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion: 91 Resp: 480299
Ion Ratio Lower Upper
91 100
126 29.2 14.9 44.5





#83

tert-Butylbenzene

Concen: 20.401 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

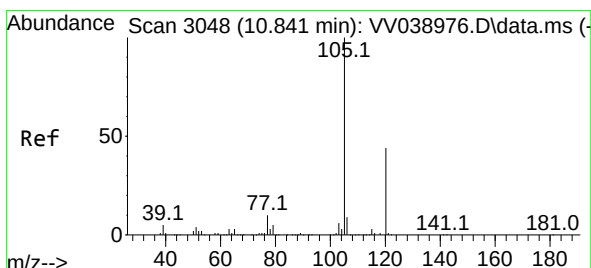
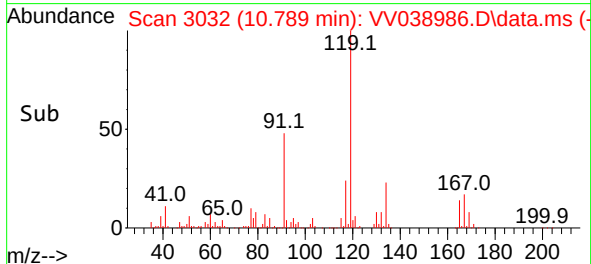
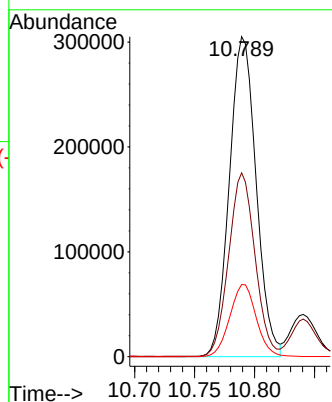
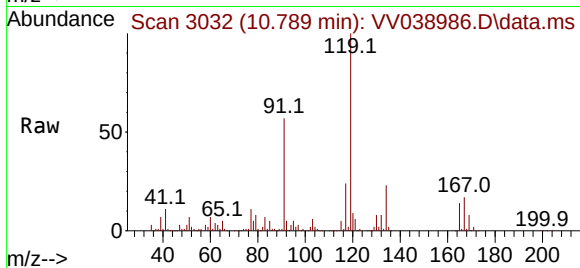
Tgt Ion:119 Resp: 474017

Ion Ratio Lower Upper

119 100

91 56.4 28.4 85.3

134 22.4 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 21.596 ug/l

RT: 10.841 min Scan# 3048

Delta R.T. -0.000 min

Lab File: VV038986.D

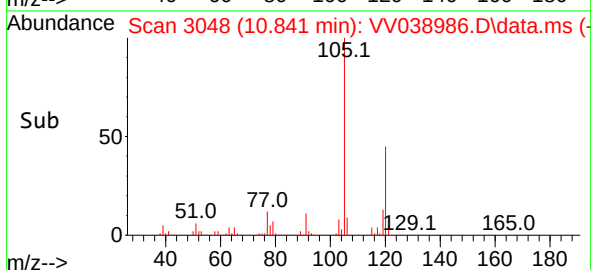
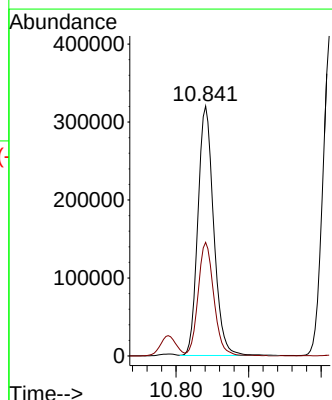
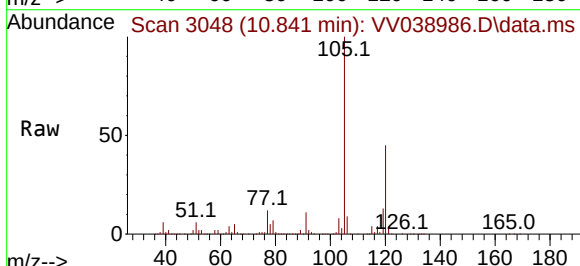
Acq: 21 Aug 2025 17:30

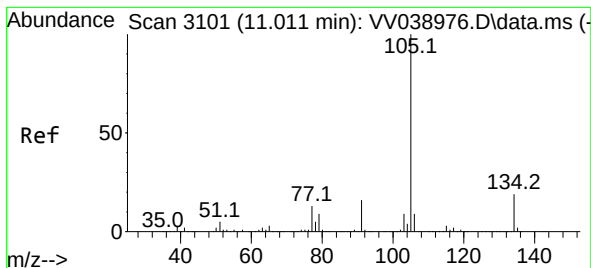
Tgt Ion:105 Resp: 483599

Ion Ratio Lower Upper

105 100

120 45.4 22.8 68.3





#85

sec-Butylbenzene

Concen: 20.908 ug/l

RT: 11.014 min Scan# 3101

Delta R.T. 0.003 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

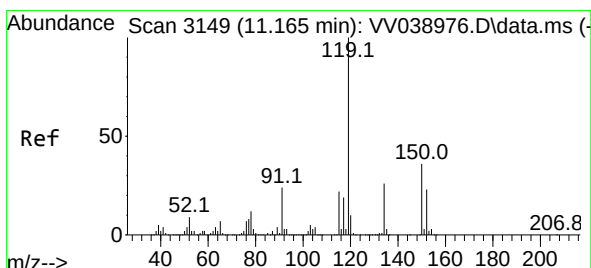
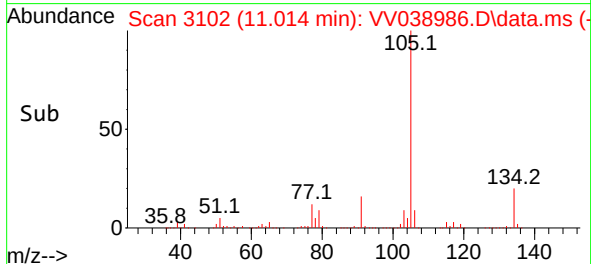
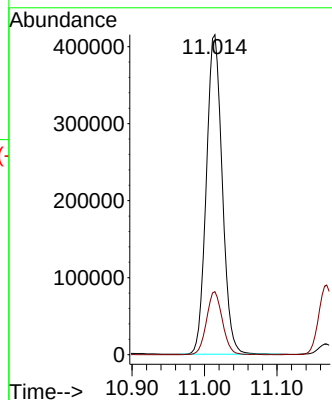
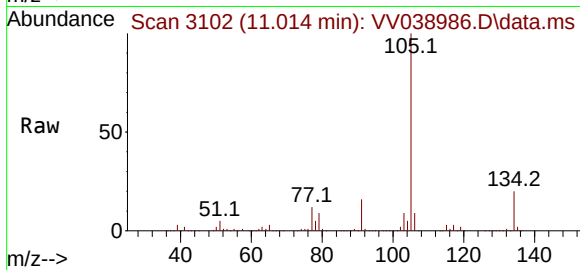
ClientSampleId :

Tgt Ion:105 Resp: 631791

Ion Ratio Lower Upper

105 100

134 19.7 9.9 29.7



#86

p-Isopropyltoluene

Concen: 20.801 ug/l

RT: 11.169 min Scan# 3150

Delta R.T. 0.003 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

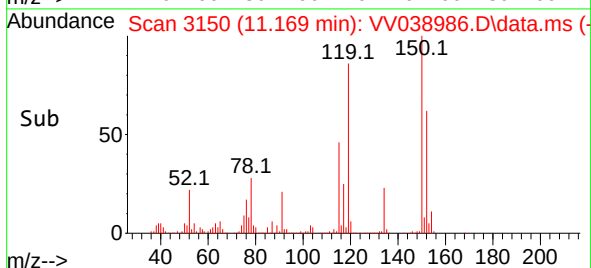
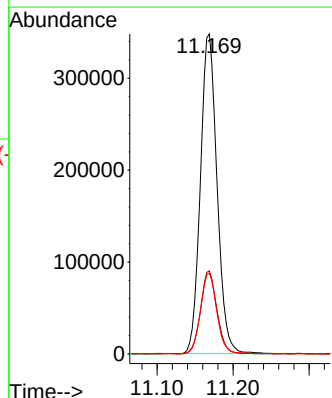
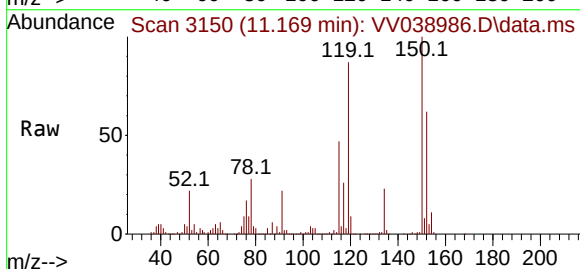
Tgt Ion:119 Resp: 529335

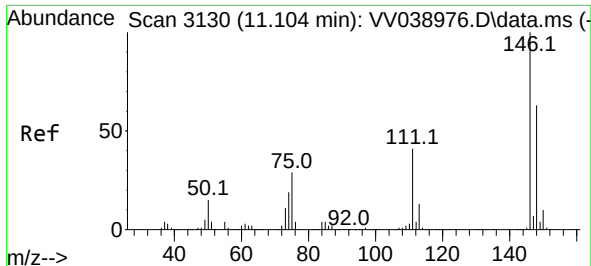
Ion Ratio Lower Upper

119 100

134 25.7 13.0 38.9

91 24.6 12.4 37.0

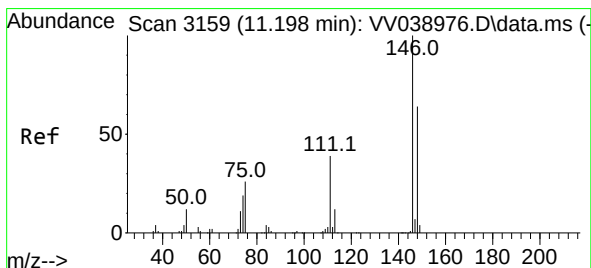
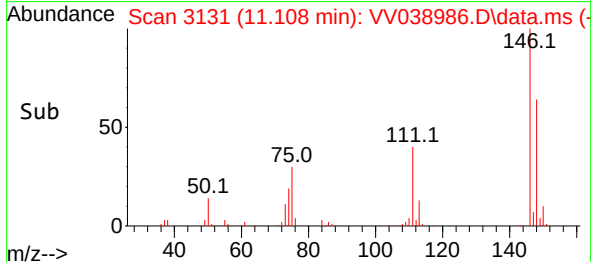
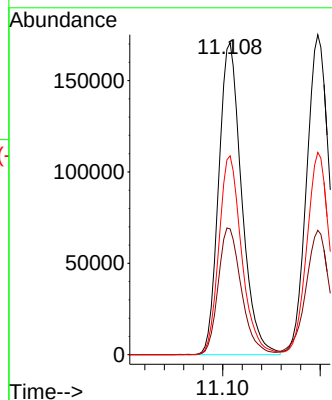
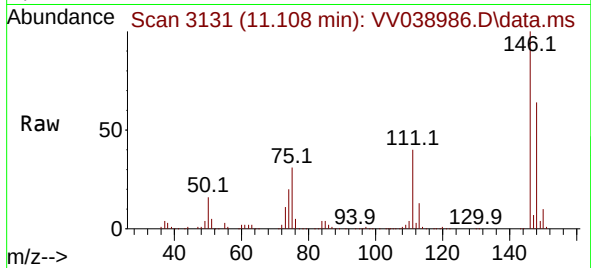




#87
1,3-Dichlorobenzene
Concen: 19.818 ug/l
RT: 11.108 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

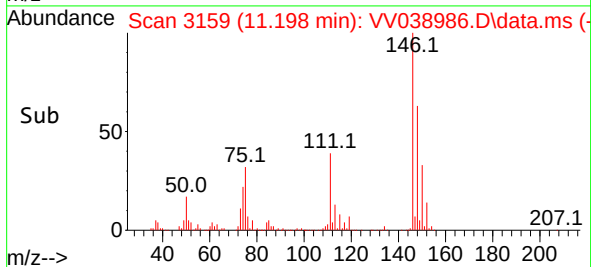
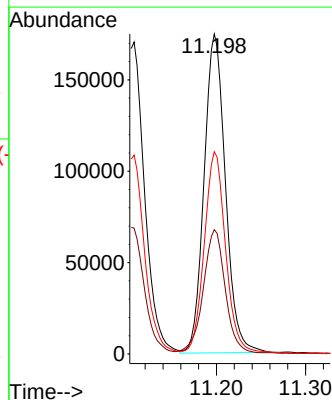
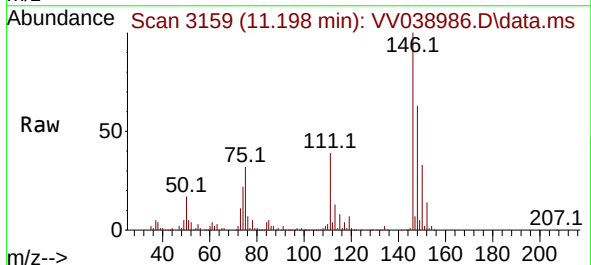
Instrument :
MSVOA_V
ClientSampleId :

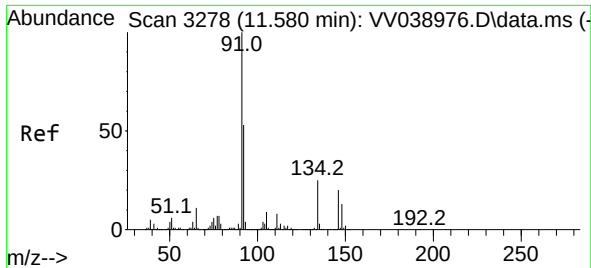
Tgt Ion:146 Resp: 279572
Ion Ratio Lower Upper
146 100
111 41.1 20.5 61.6
148 63.2 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.322 ug/l
RT: 11.198 min Scan# 3159
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion:146 Resp: 290749
Ion Ratio Lower Upper
146 100
111 39.6 20.0 60.0
148 63.8 31.8 95.3

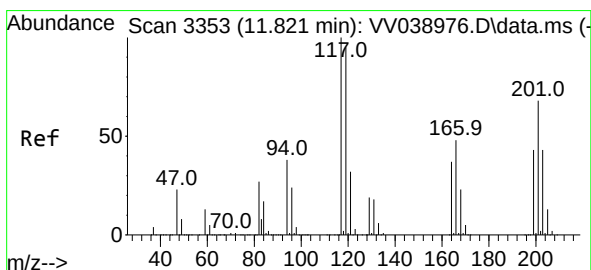
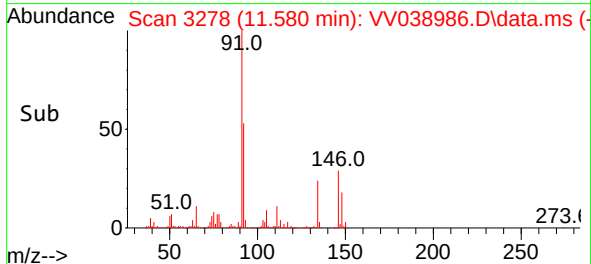
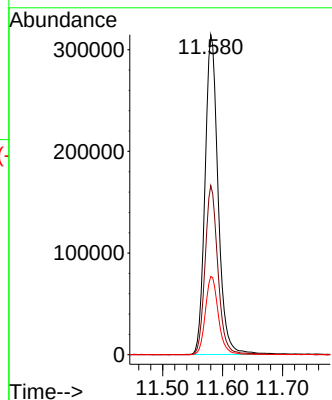
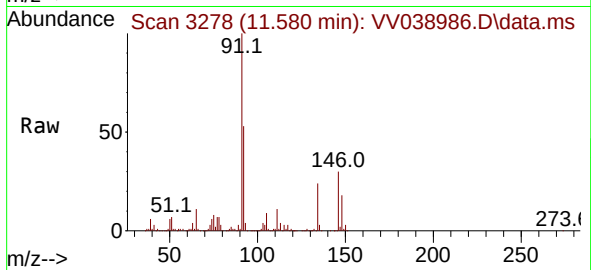




#89
n-Butylbenzene
Concen: 19.365 ug/l
RT: 11.580 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

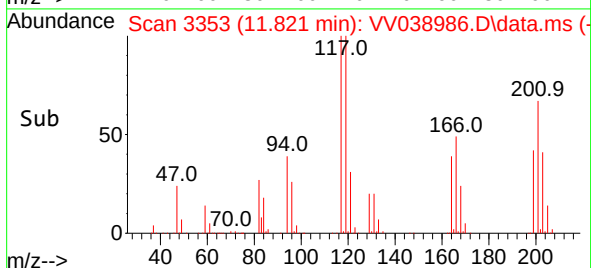
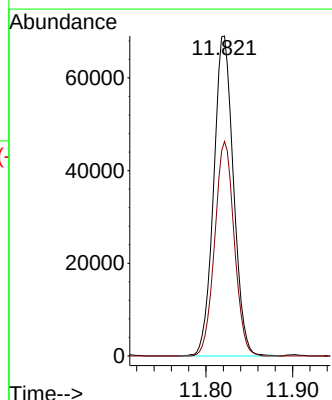
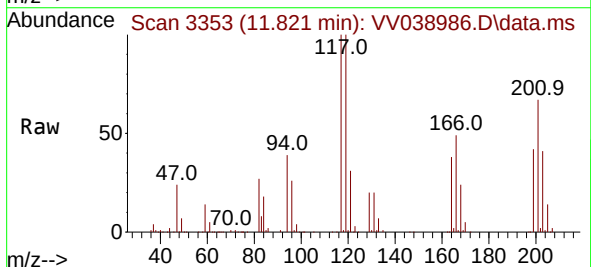
Instrument :
MSVOA_V
ClientSampleId :

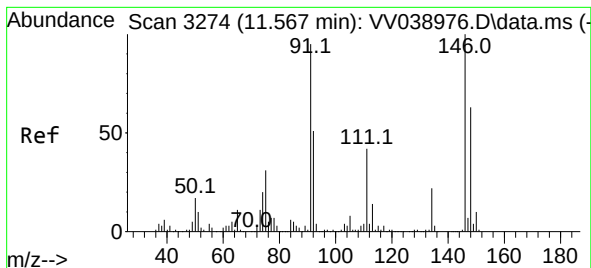
Tgt Ion: 91 Resp: 480113
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.5
134 24.1 12.6 37.8



#90
Hexachloroethane
Concen: 18.661 ug/l
RT: 11.821 min Scan# 3353
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion: 117 Resp: 109748
Ion Ratio Lower Upper
117 100
201 66.0 33.7 101.0





#91

1,2-Dichlorobenzene

Concen: 19.519 ug/l

RT: 11.567 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

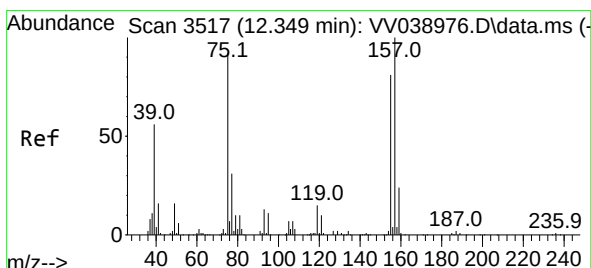
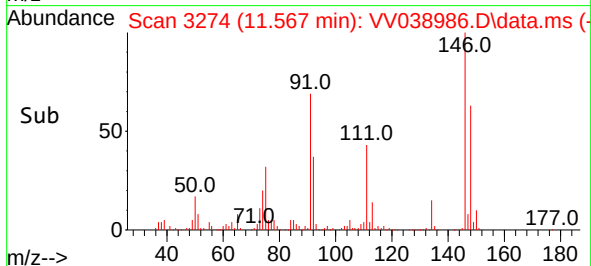
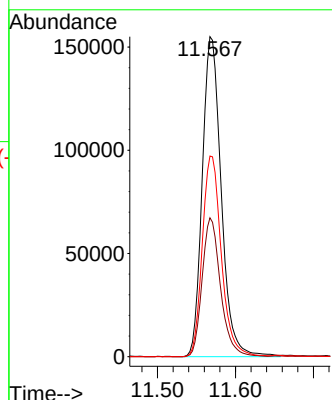
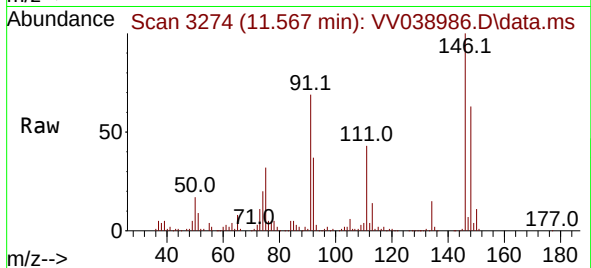
Tgt Ion:146 Resp: 262560

Ion Ratio Lower Upper

146 100

111 42.1 21.1 63.4

148 63.0 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.213 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

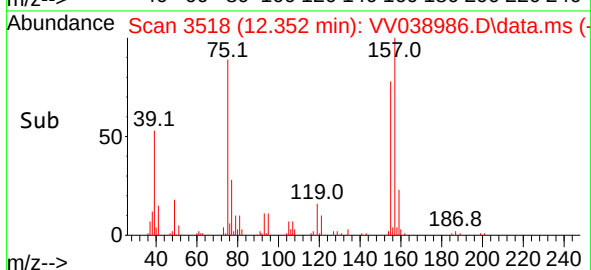
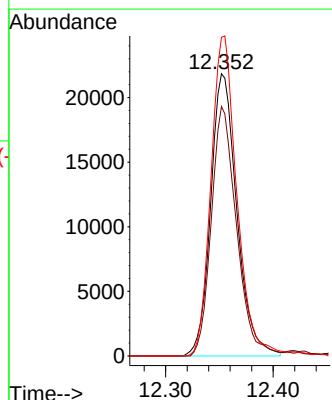
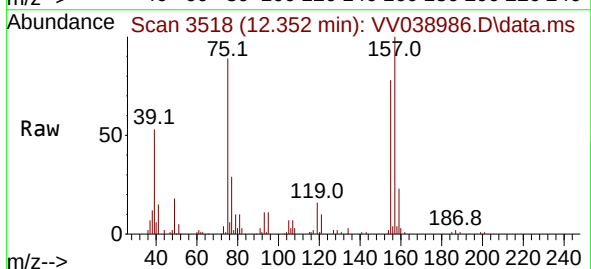
Tgt Ion: 75 Resp: 36968

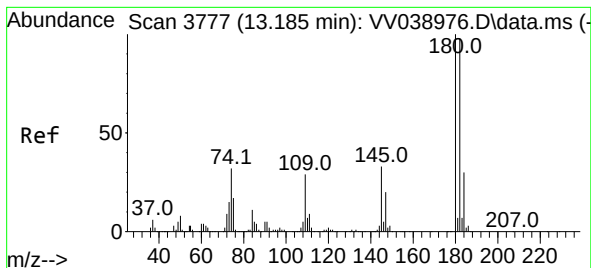
Ion Ratio Lower Upper

75 100

155 85.2 43.7 131.1

157 112.7 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 17.726 ug/l

RT: 13.185 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV038986.D

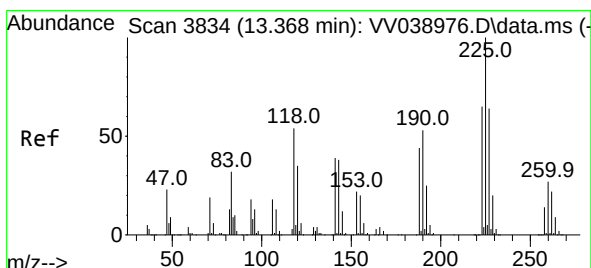
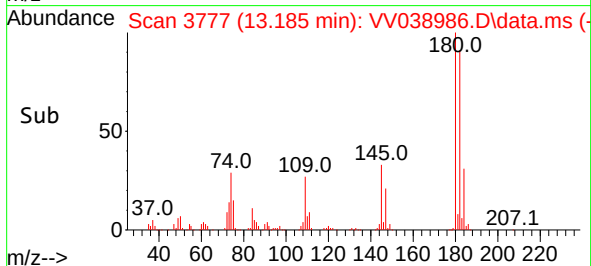
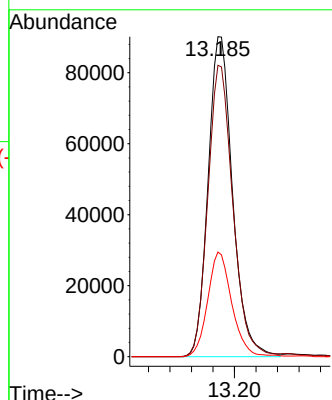
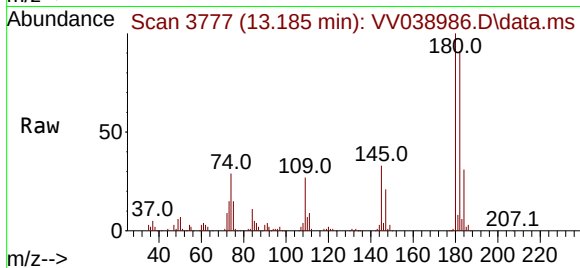
Acq: 21 Aug 2025 17:30

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:180	Resp: 142290
Ion Ratio	Lower Upper
180	100
182	93.1 47.3 142.0
145	32.3 16.3 48.8



#94

Hexachlorobutadiene

Concen: 16.794 ug/l

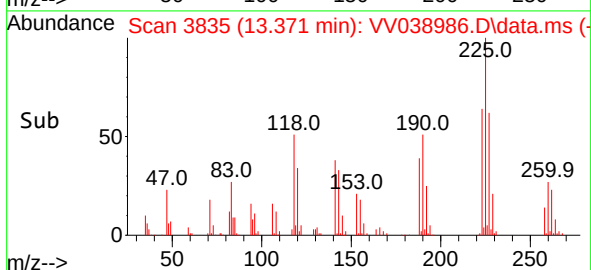
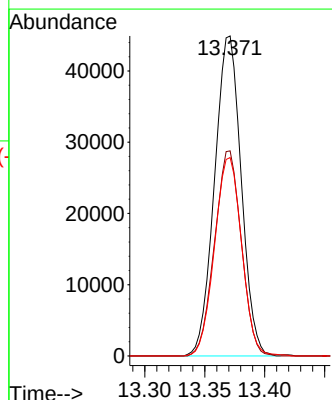
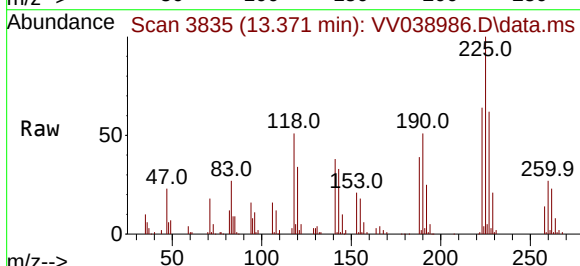
RT: 13.371 min Scan# 3835

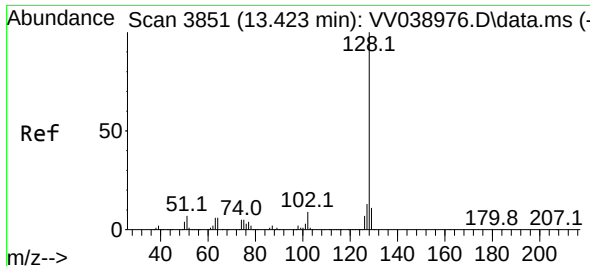
Delta R.T. 0.003 min

Lab File: VV038986.D

Acq: 21 Aug 2025 17:30

Tgt Ion:225	Resp: 69497
Ion Ratio	Lower Upper
225	100
223	64.0 31.9 95.7
227	63.0 30.8 92.3

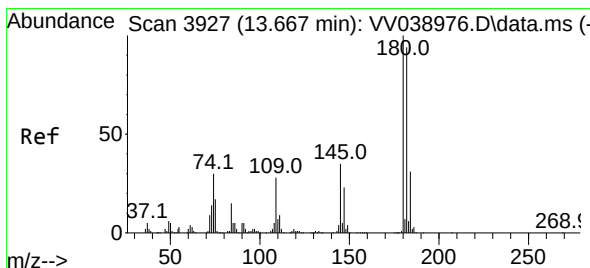
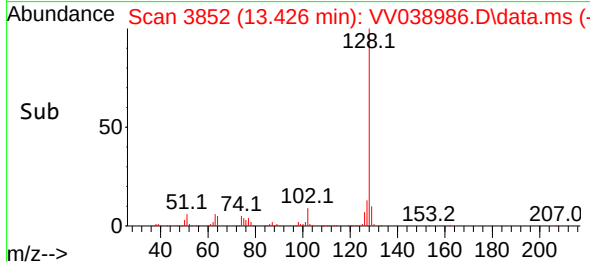
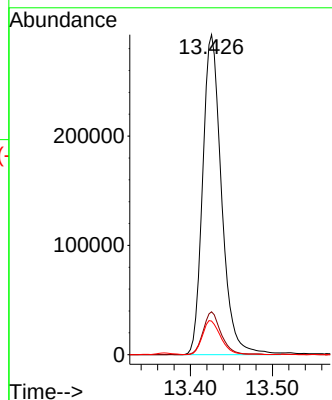
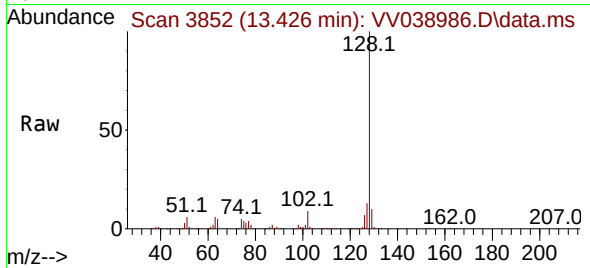




#95
Naphthalene
Concen: 18.458 ug/l
RT: 13.426 min Scan# 3852
Delta R.T. 0.003 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 467573
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.4 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 18.286 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. -0.000 min
Lab File: VV038986.D
Acq: 21 Aug 2025 17:30

Tgt Ion:180 Resp: 148001
Ion Ratio Lower Upper
180 100
182 94.5 47.0 141.0
145 35.1 17.3 52.0

