

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038980.D
 Acq On : 21 Aug 2025 12:56
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 22 04:19:09 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	4.597	168	544035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	881253	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	827681	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	454705	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	363314	47.593	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	95.180%
35) Dibromofluoromethane	4.500	113	308210	46.635	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	93.280%
50) Toluene-d8	7.236	98	1080134	46.869	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	93.740%
62) 4-Bromofluorobenzene	9.998	95	408953	48.508	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	97.020%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.118	85	347348	42.710	ug/l	100
3) Chloromethane	1.227	50	359246	42.764	ug/l	100
4) Vinyl Chloride	1.294	62	387256	43.690	ug/l	98
5) Bromomethane	1.494	94	208404	43.505	ug/l	99
6) Chloroethane	1.558	64	181077	40.090	ug/l	100
7) Trichlorofluoromethane	1.722	101	507358	41.782	ug/l	99
8) Diethyl Ether	1.915	74	162505	43.518	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.079	101	274153	40.902	ug/l	100
10) Methyl Iodide	2.195	142	395970	47.484	ug/l	98
11) Tert butyl alcohol	2.561	59	241933	234.158	ug/l	98
12) 1,1-Dichloroethene	2.079	96	263935	42.747	ug/l	100
13) Acrolein	2.008	56	79822	237.538	ug/l	93
14) Allyl chloride	2.356	41	372217	45.151	ug/l	98
15) Acrylonitrile	2.671	53	730894	234.076	ug/l	99
16) Acetone	2.114	43	637800	208.169	ug/l	100
17) Carbon Disulfide	2.249	76	734660	42.779	ug/l	100
18) Methyl Acetate	2.378	43	307081	47.286	ug/l	99
19) Methyl tert-butyl Ether	2.706	73	900963	49.349	ug/l	100
20) Methylene Chloride	2.455	84	291011	40.872	ug/l	97
21) trans-1,2-Dichloroethene	2.700	96	282867	43.985	ug/l	97
22) Diisopropyl ether	3.211	45	797796	44.077	ug/l	91
23) Vinyl Acetate	3.185	43	3407108	234.596	ug/l	98
24) 1,1-Dichloroethane	3.118	63	489892	40.860	ug/l	99
25) 2-Butanone	3.857	43	1134837	284.677	ug/l	99
26) 2,2-Dichloropropane	3.809	77	522402	45.420	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	384522	49.539	ug/l	97
28) Bromochloromethane	4.146	49	149849	58.111	ug/l	88
29) Tetrahydrofuran	4.227	42	749656	281.713	ug/l	91
30) Chloroform	4.275	83	630089	45.988	ug/l	97
31) Cyclohexane	4.584	56	524195	49.002	ug/l	94
32) 1,1,1-Trichloroethane	4.510	97	572073	44.442	ug/l	99
36) 1,1-Dichloropropene	4.745	75	422468	49.222	ug/l	98
37) Ethyl Acetate	3.966	43	455051	54.265	ug/l	95
38) Carbon Tetrachloride	4.732	117	502523	43.722	ug/l	97
39) Methylcyclohexane	6.047	83	569225	51.904	ug/l	97
40) Benzene	5.008	78	1332784	49.579	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV038980.D
 Acq On : 21 Aug 2025 12:56
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 22 04:19:09 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)
41) Methacrylonitrile	4.153	41	204984	64.871	ug/l	92
42) 1,2-Dichloroethane	5.037	62	452424	46.035	ug/l	100
43) Isopropyl Acetate	5.185	43	709186	55.426	ug/l	97
44) Trichloroethene	5.828	130	339372	46.541	ug/l	95
45) 1,2-Dichloropropane	6.085	63	328975	51.027	ug/l	98
46) Dibromomethane	6.224	93	250499	46.305	ug/l	98
47) Bromodichloromethane	6.426	83	508309	46.169	ug/l	98
48) Methyl methacrylate	6.291	41	334970	58.402	ug/l	93
49) 1,4-Dioxane	6.285	88	102464	1068.405	ug/l	97
51) 4-Methyl-2-Pentanone	7.143	43	2317760	275.881	ug/l	99
52) Toluene	7.307	92	849767	49.913	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	519087	50.434	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	556800	52.213	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	341785	46.043	ug/l	99
56) Ethyl methacrylate	7.712	69	515486	45.941	ug/l	99
57) 1,3-Dichloropropane	7.931	76	554694	47.922	ug/l	99
58) 2-Chloroethyl Vinyl ether	6.809	63	1365481	260.454	ug/l	96
59) 2-Hexanone	8.059	43	1728882	216.977	ug/l	99
60) Dibromochloromethane	8.166	129	404445	45.122	ug/l	98
61) 1,2-Dibromoethane	8.272	107	365548	47.466	ug/l	99
64) Tetrachloroethene	7.896	164	294548	47.826	ug/l	99
65) Chlorobenzene	8.802	112	945294	47.369	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	337941	47.173	ug/l	99
67) Ethyl Benzene	8.934	91	1595682	52.378	ug/l	99
68) m/p-Xylenes	9.063	106	1268818	107.238	ug/l	99
69) o-Xylene	9.468	106	591993	54.895	ug/l	100
70) Styrene	9.484	104	1050003	56.752	ug/l	100
71) Bromoform	9.654	173	284998	48.285	ug/l #	100
73) Isopropylbenzene	9.854	105	1614424	52.911	ug/l	100
74) N-amyl acetate	9.722	43	634384	56.749	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.166	83	542309	44.753	ug/l	99
76) 1,2,3-Trichloropropane	10.198	75	413770	49.059	ug/l	99
77) Bromobenzene	10.140	156	389618	49.700	ug/l	99
78) n-propylbenzene	10.278	91	1947393	53.456	ug/l	100
79) 2-Chlorotoluene	10.346	91	1135066	51.894	ug/l	100
80) 1,3,5-Trimethylbenzene	10.465	105	1385983	53.976	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.928	75	195104	53.110	ug/l	99
82) 4-Chlorotoluene	10.461	91	1346502	53.411	ug/l	100
83) tert-Butylbenzene	10.789	119	1372168	53.817	ug/l	100
84) 1,2,4-Trimethylbenzene	10.838	105	1384661	56.349	ug/l	99
85) sec-Butylbenzene	11.011	105	1797022	54.194	ug/l	100
86) p-Isopropyltoluene	11.165	119	1501670	53.775	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	765914	49.478	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	790885	47.896	ug/l	100
89) n-Butylbenzene	11.580	91	1446548	53.170	ug/l	99
90) Hexachloroethane	11.821	117	291559	45.178	ug/l	100
91) 1,2-Dichlorobenzene	11.567	146	729176	49.400	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	117774	49.973	ug/l	97
93) 1,2,4-Trichlorobenzene	13.185	180	470541	53.420	ug/l	99
94) Hexachlorobutadiene	13.368	225	209798	46.202	ug/l	99
95) Naphthalene	13.423	128	1632588	58.733	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	426932	48.069	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
Data File : VV038980.D
Acq On : 21 Aug 2025 12:56
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

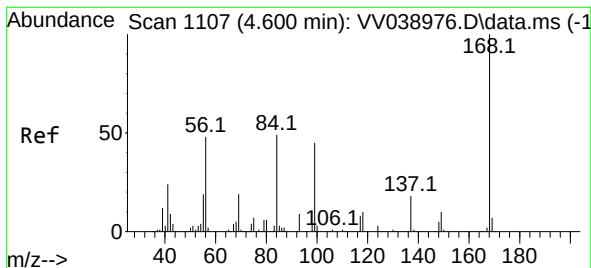
Quant Time: Aug 22 04:19:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 04:15:04 2025
Response via : Initial Calibration

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

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

Quant Time: Aug 22 04:19:09 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.597 min Scan# 1106

Delta R.T. -0.003 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

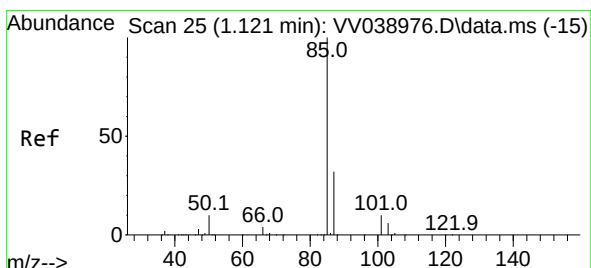
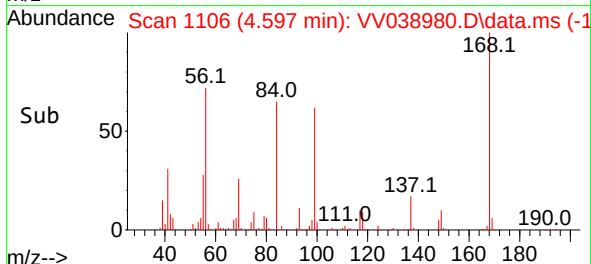
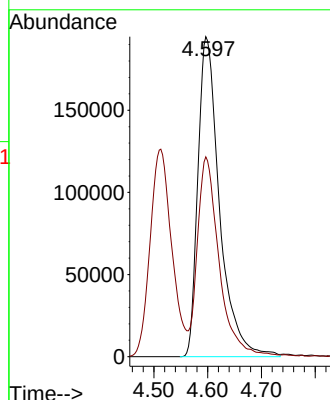
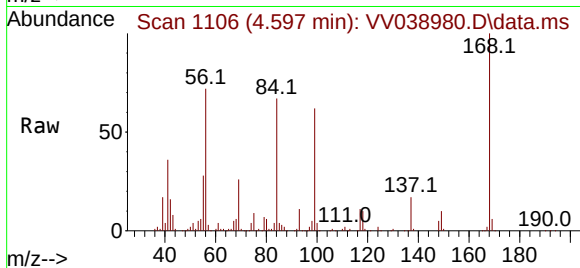
ClientSampleId :

Tgt Ion:168 Resp: 544035

Ion Ratio Lower Upper

168 100

99 61.9 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 42.710 ug/l

RT: 1.118 min Scan# 24

Delta R.T. -0.003 min

Lab File: VV038980.D

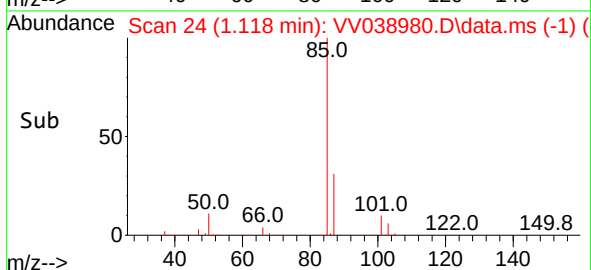
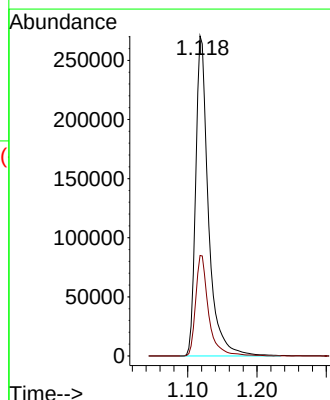
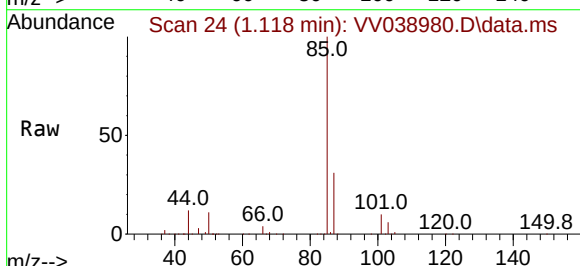
Acq: 21 Aug 2025 12:56

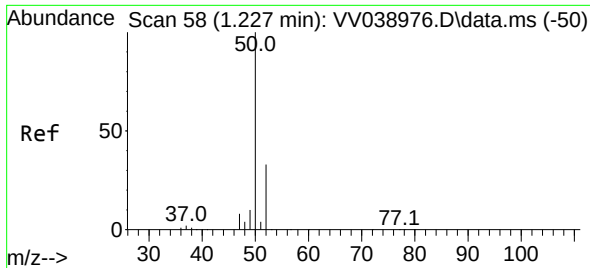
Tgt Ion: 85 Resp: 347348

Ion Ratio Lower Upper

85 100

87 31.4 15.8 47.3

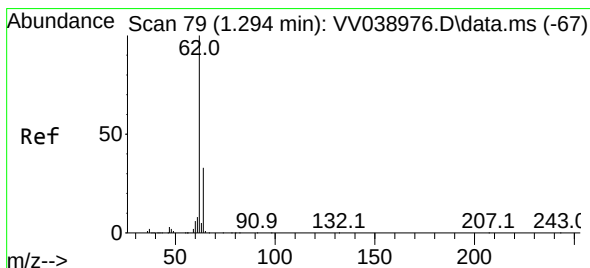
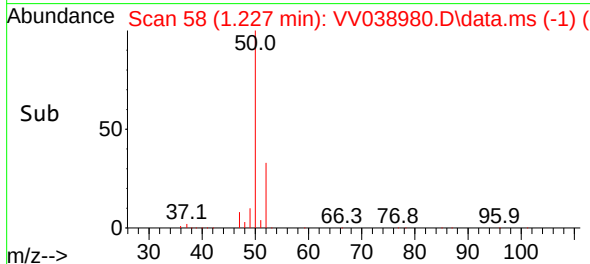
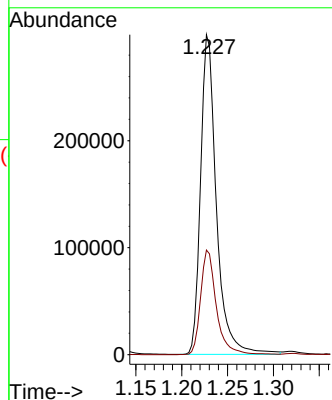
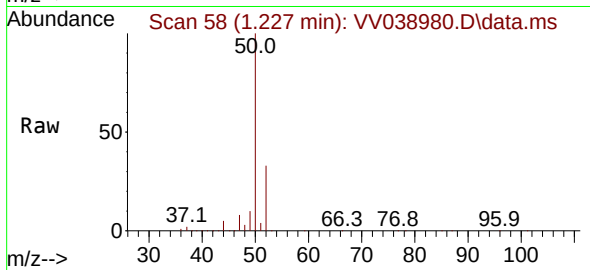




#3
Chloromethane
Concen: 42.764 ug/l
RT: 1.227 min Scan# 58
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

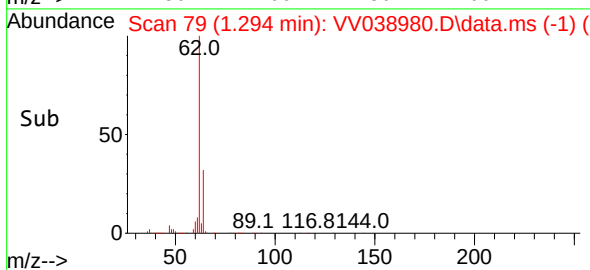
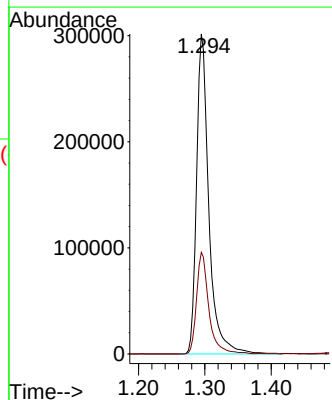
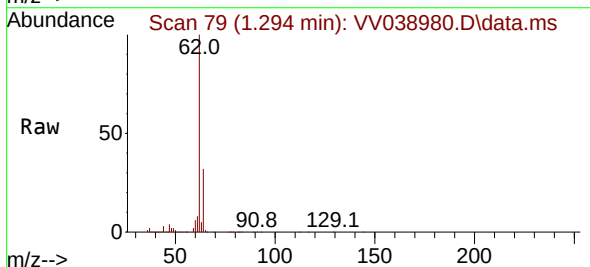
Instrument :
MSVOA_V
ClientSampleId :

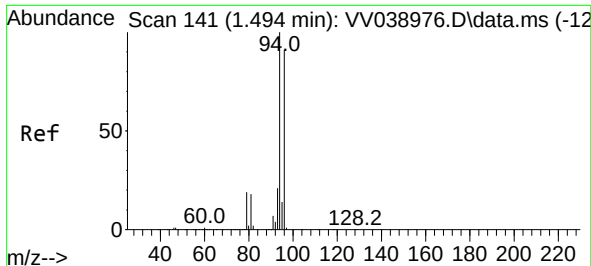
Tgt Ion: 50 Resp: 359246
Ion Ratio Lower Upper
50 100
52 32.7 26.2 39.2



#4
Vinyl Chloride
Concen: 43.690 ug/l
RT: 1.294 min Scan# 79
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion: 62 Resp: 387256
Ion Ratio Lower Upper
62 100
64 31.7 26.4 39.6

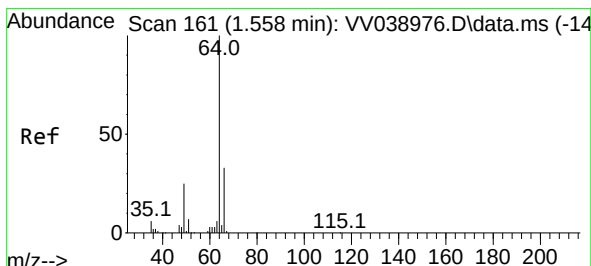
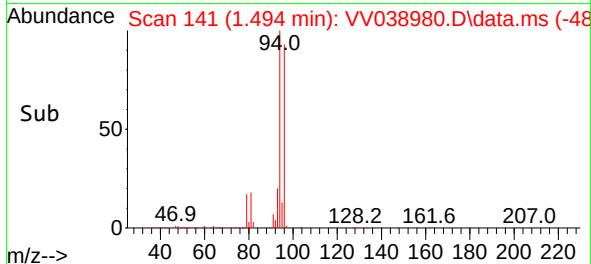
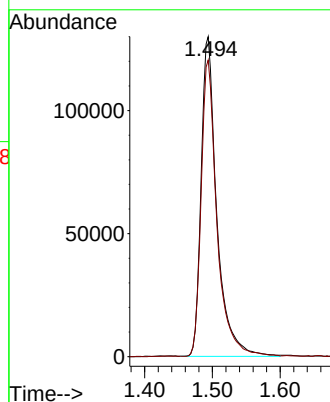
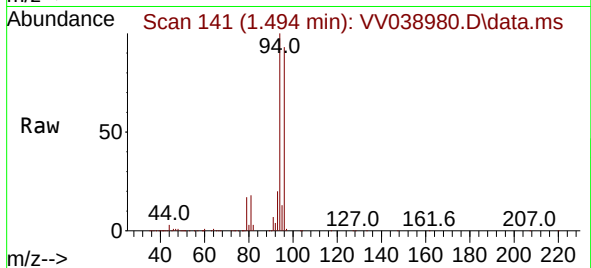




#5
Bromomethane
Concen: 43.505 ug/l
RT: 1.494 min Scan# 141
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

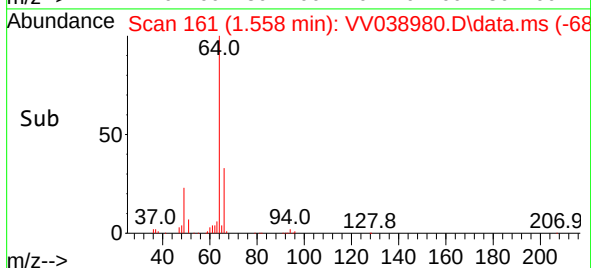
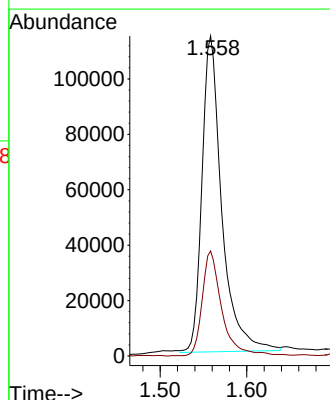
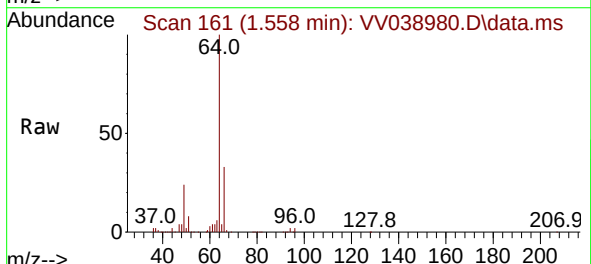
Instrument :
MSVOA_V
ClientSampleId :

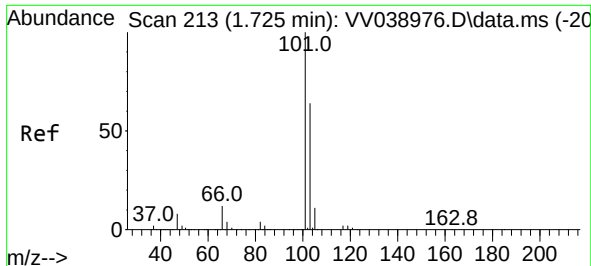
Tgt Ion: 94 Resp: 208404
Ion Ratio Lower Upper
94 100
96 92.7 73.1 109.7



#6
Chloroethane
Concen: 40.090 ug/l
RT: 1.558 min Scan# 161
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion: 64 Resp: 181077
Ion Ratio Lower Upper
64 100
66 33.3 26.8 40.2

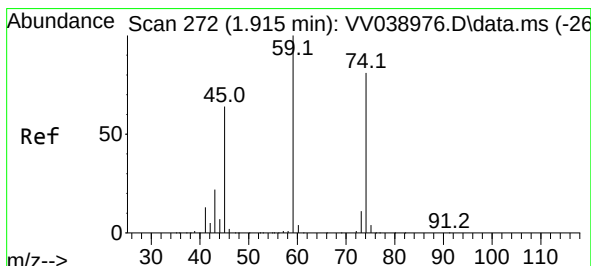
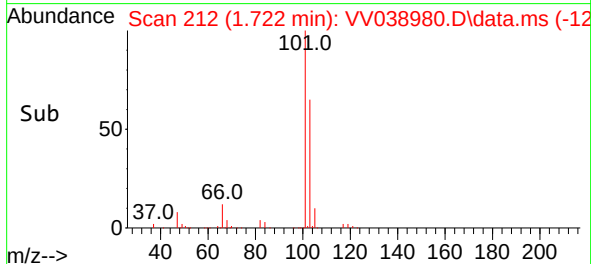
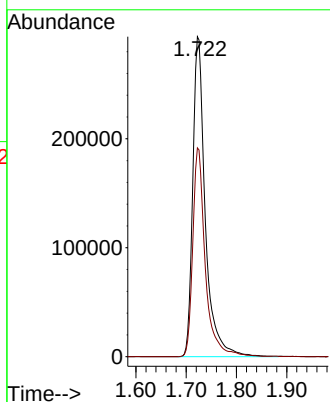
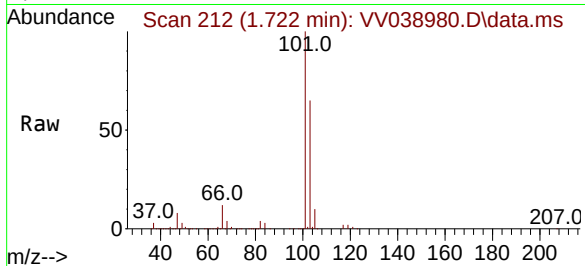




#7
 Trichlorofluoromethane
 Concen: 41.782 ug/l
 RT: 1.722 min Scan# 213
 Delta R.T. -0.003 min
 Lab File: VV038980.D
 Acq: 21 Aug 2025 12:56

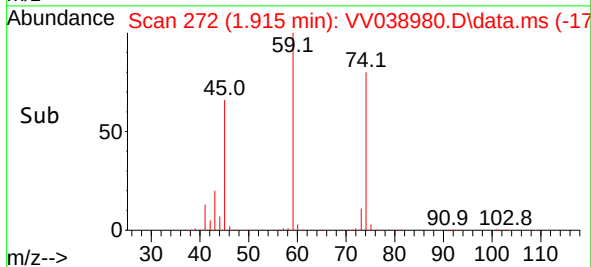
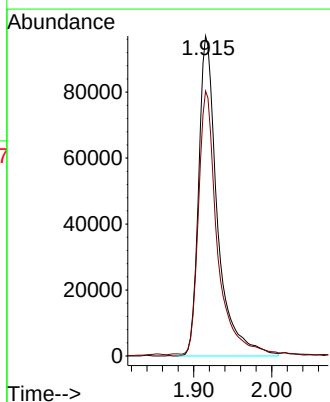
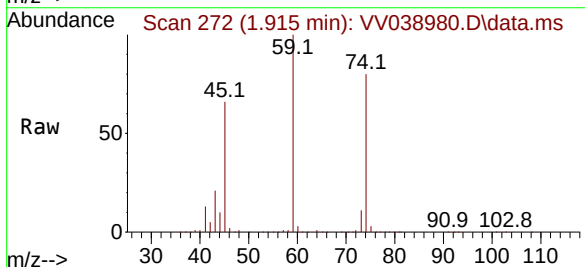
Instrument :
 MSVOA_V
 ClientSampleId :

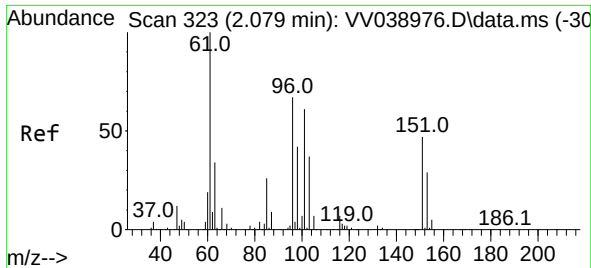
Tgt Ion:101 Resp: 507358
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.4 77.2



#8
 Diethyl Ether
 Concen: 43.518 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. 0.000 min
 Lab File: VV038980.D
 Acq: 21 Aug 2025 12:56

Tgt Ion: 74 Resp: 162505
 Ion Ratio Lower Upper
 74 100
 45 83.1 39.8 119.4

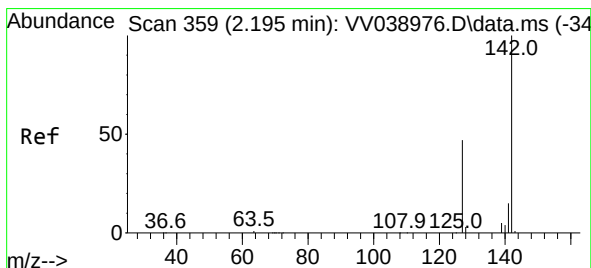
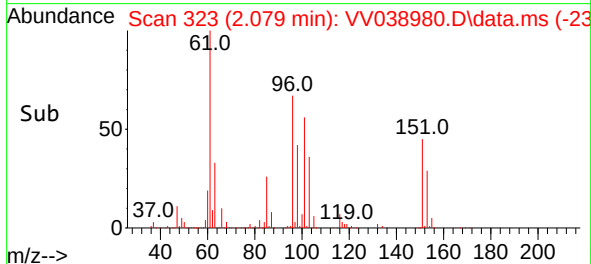
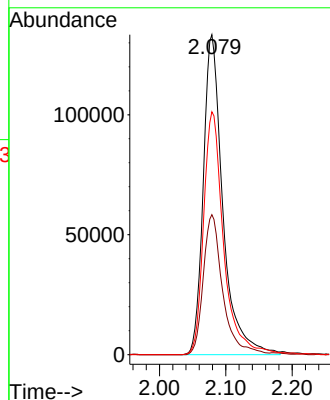
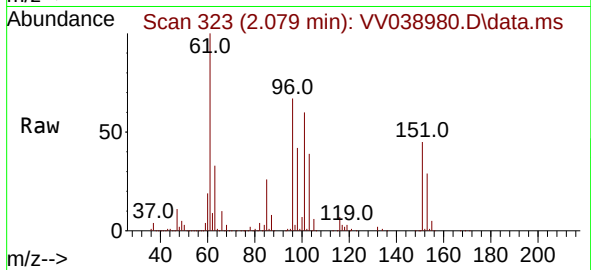




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.902 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

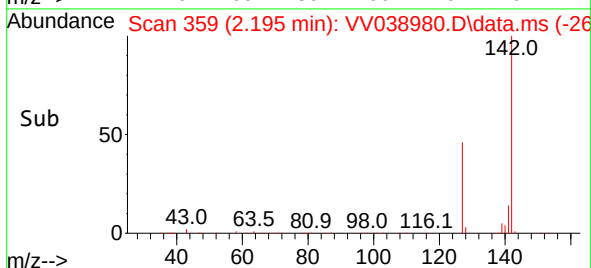
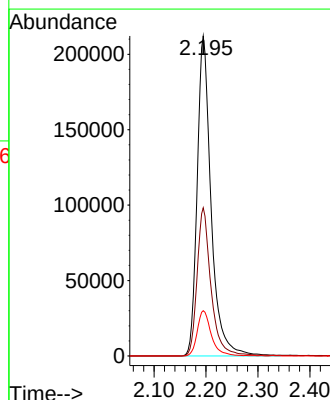
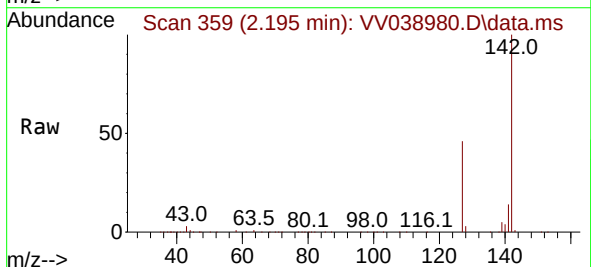
Instrument :
MSVOA_V
ClientSampleId :

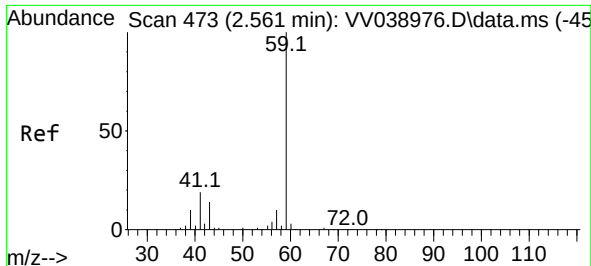
Tgt Ion:101 Resp: 274153
Ion Ratio Lower Upper
101 100
85 43.5 34.6 51.8
151 77.6 62.1 93.1



#10
Methyl Iodide
Concen: 47.484 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion:142 Resp: 395970
Ion Ratio Lower Upper
142 100
127 46.1 38.6 57.8
141 14.3 11.4 17.2

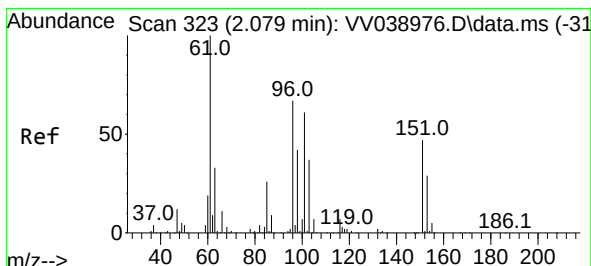
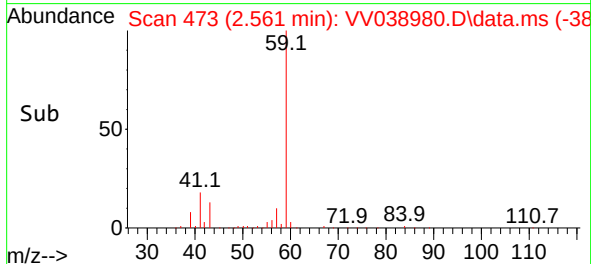
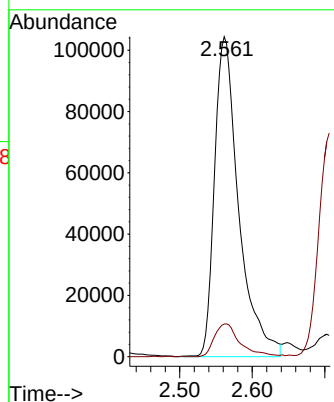
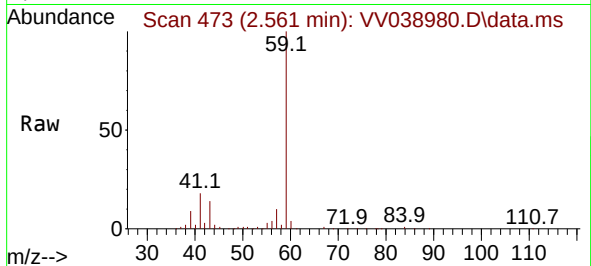




#11
Tert butyl alcohol
Concen: 234.158 ug/l
RT: 2.561 min Scan# 473
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

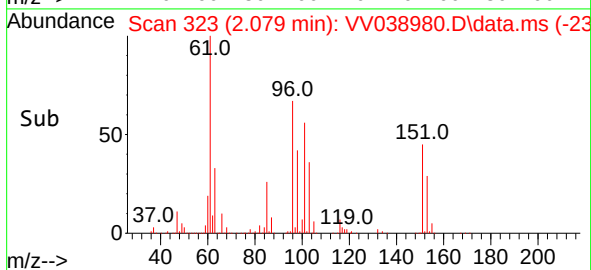
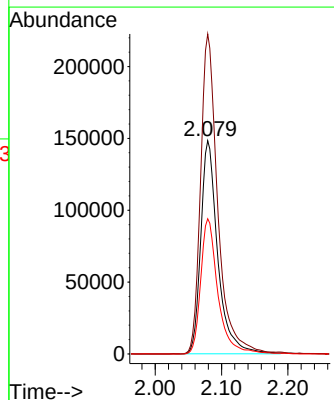
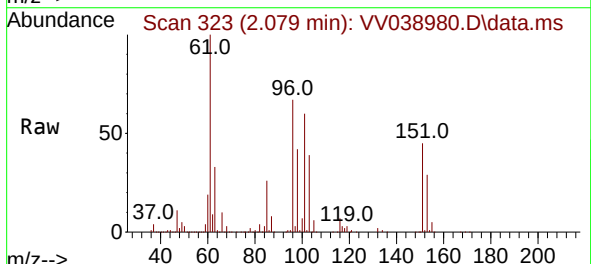
Instrument :
MSVOA_V
ClientSampleId :

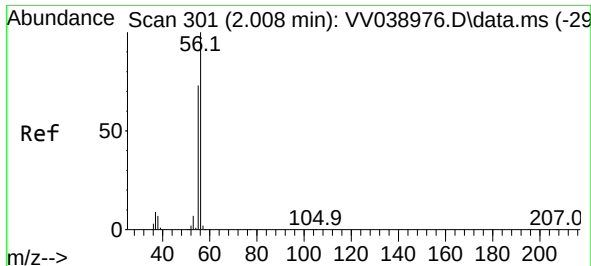
Tgt Ion: 59 Resp: 241933
Ion Ratio Lower Upper
59 100
57 10.9 8.1 12.1



#12
1,1-Dichloroethene
Concen: 42.747 ug/l
RT: 2.079 min Scan# 323
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

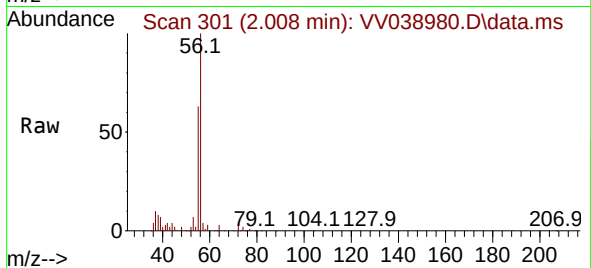
Tgt Ion: 96 Resp: 263935
Ion Ratio Lower Upper
96 100
61 150.1 119.8 179.8
98 63.5 50.2 75.2



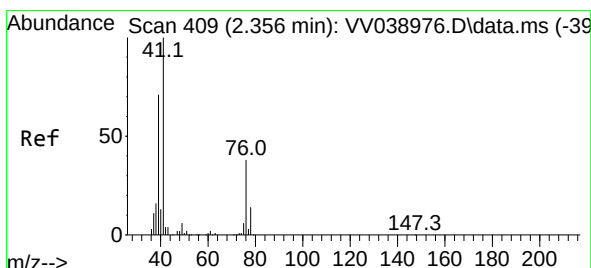
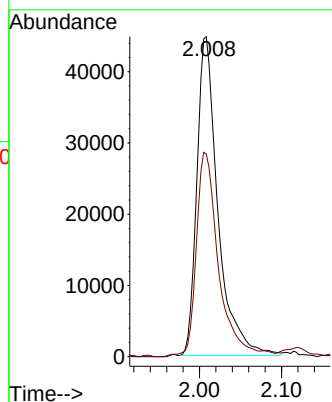
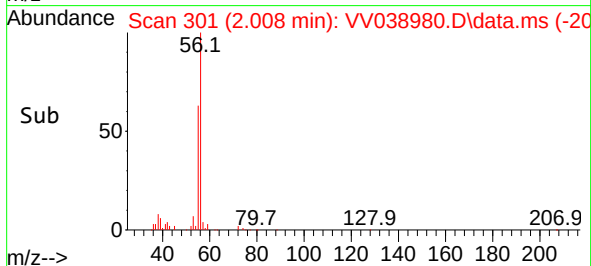


#13
Acrolein
Concen: 237.538 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

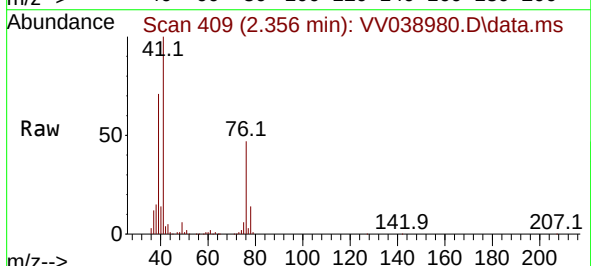
Instrument :
MSVOA_V
ClientSampleId :



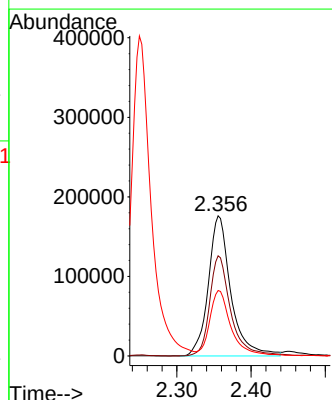
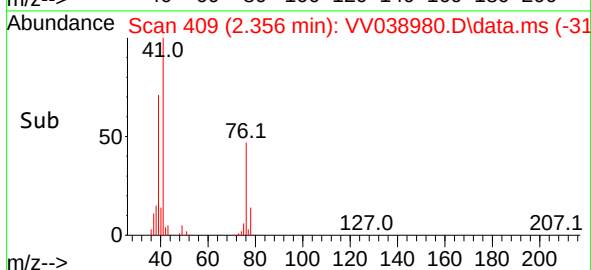
Tgt Ion: 56 Resp: 79822
Ion Ratio Lower Upper
56 100
55 67.7 58.8 88.2

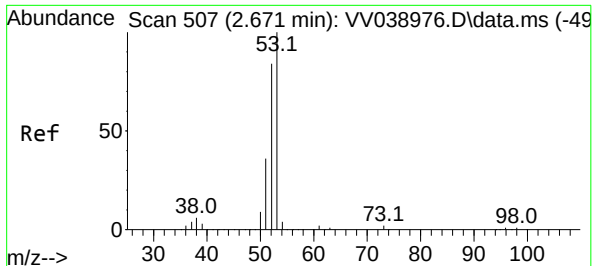


#14
Allyl chloride
Concen: 45.151 ug/l
RT: 2.356 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56



Tgt Ion: 41 Resp: 372217
Ion Ratio Lower Upper
41 100
39 66.9 55.0 82.4
76 43.1 35.6 53.4

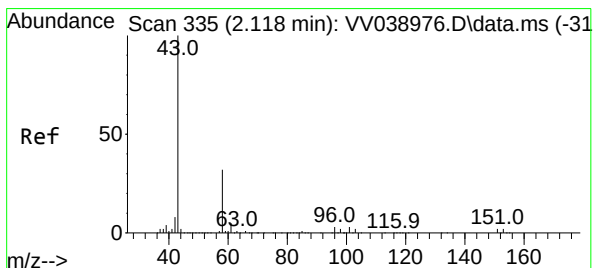
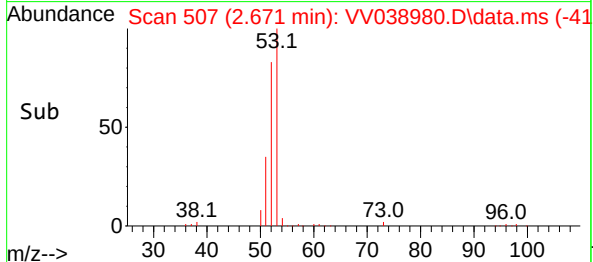
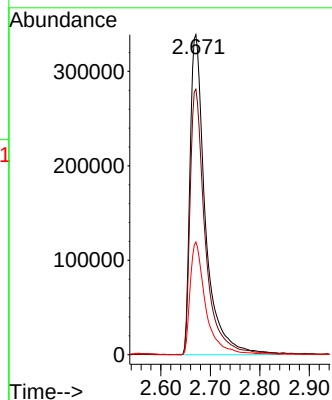
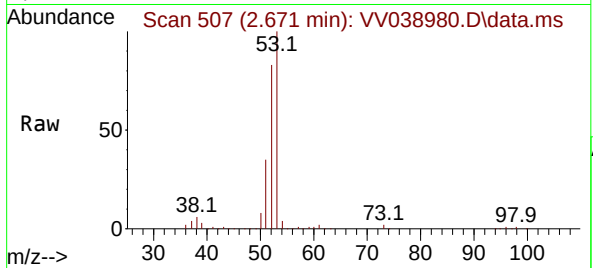




#15
Acrylonitrile
Concen: 234.076 ug/l
RT: 2.671 min Scan# 507
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

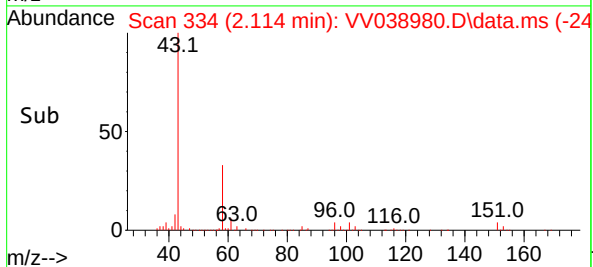
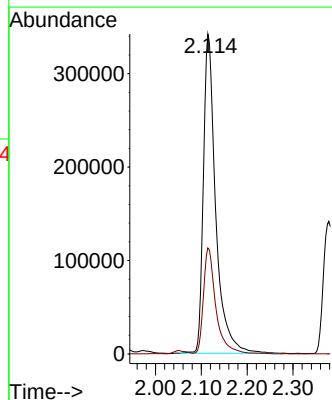
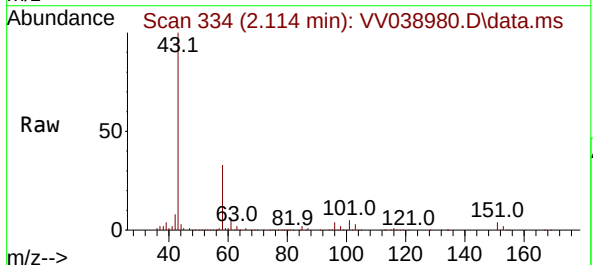
Instrument :
MSVOA_V
ClientSampleId :

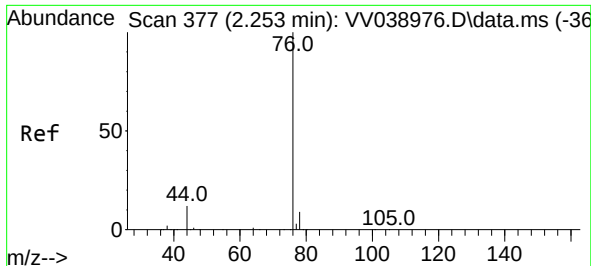
Tgt Ion: 53 Resp: 730894
Ion Ratio Lower Upper
53 100
52 82.2 66.2 99.4
51 35.7 28.5 42.7



#16
Acetone
Concen: 208.169 ug/l
RT: 2.114 min Scan# 334
Delta R.T. -0.003 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion: 43 Resp: 637800
Ion Ratio Lower Upper
43 100
58 33.2 26.3 39.5

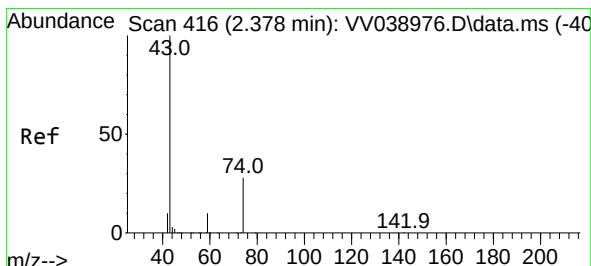
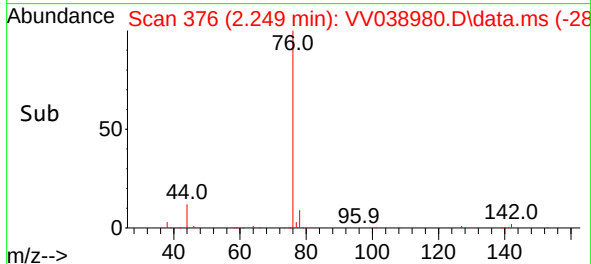
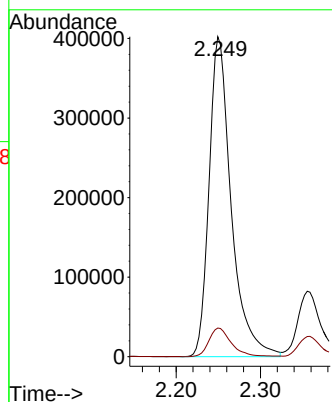
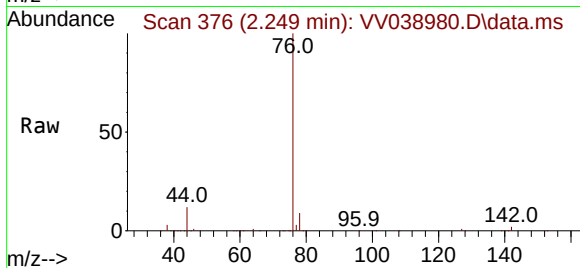




#17
Carbon Disulfide
Concen: 42.779 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

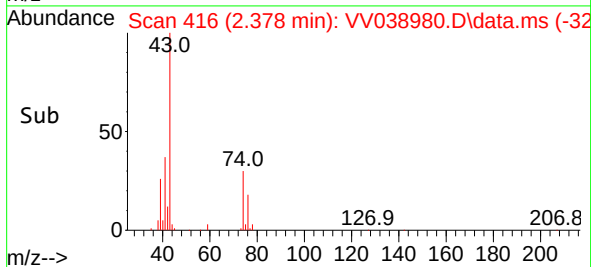
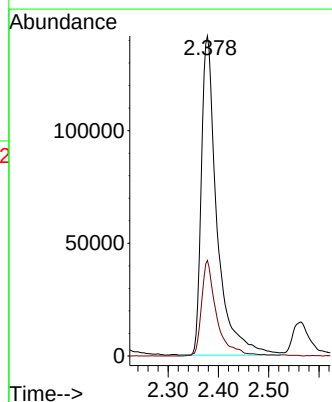
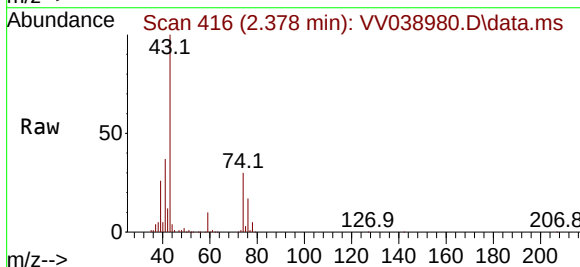
Instrument :
MSVOA_V
ClientSampleId :

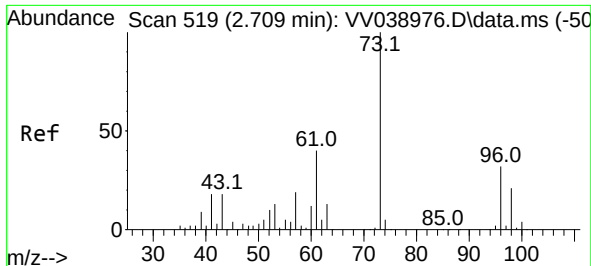
Tgt Ion: 76 Resp: 734660
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 47.286 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion: 43 Resp: 307081
Ion Ratio Lower Upper
43 100
74 28.7 23.5 35.3

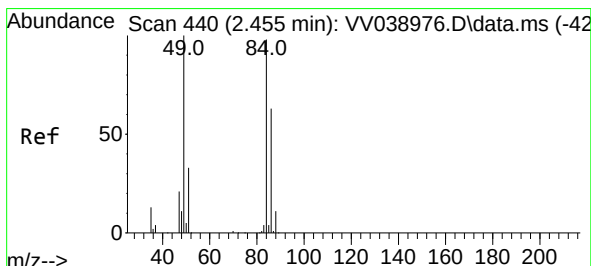
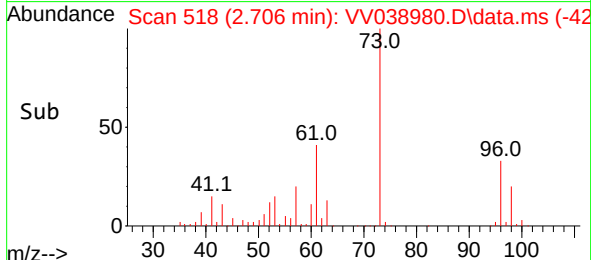
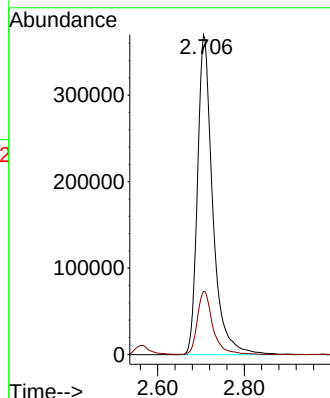
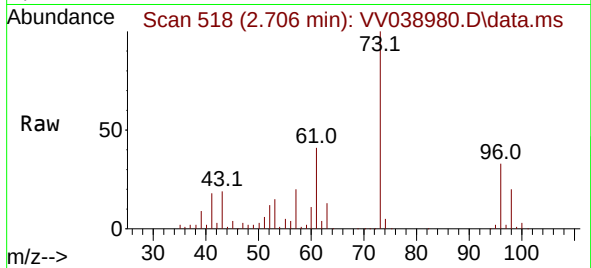




#19
Methyl tert-butyl Ether
Concen: 49.349 ug/l
RT: 2.706 min Scan# 519
Delta R.T. -0.003 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

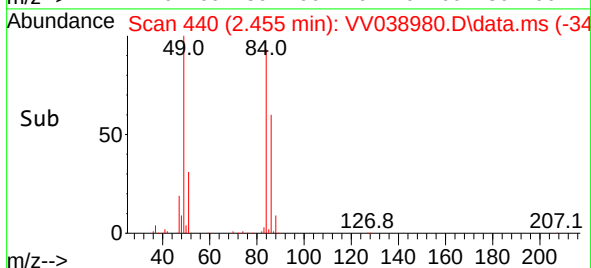
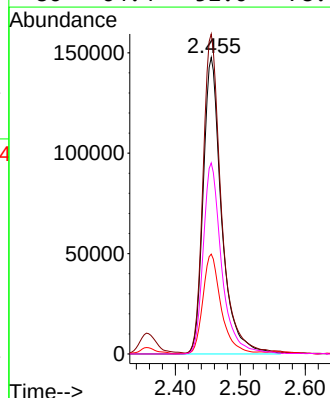
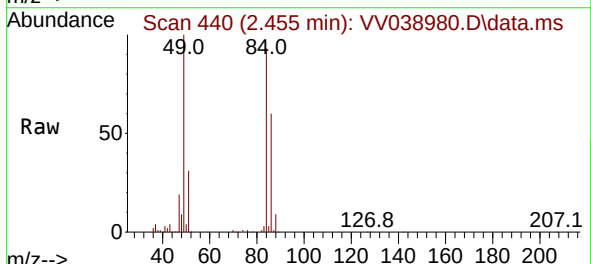
Instrument :
MSVOA_V
ClientSampleId :

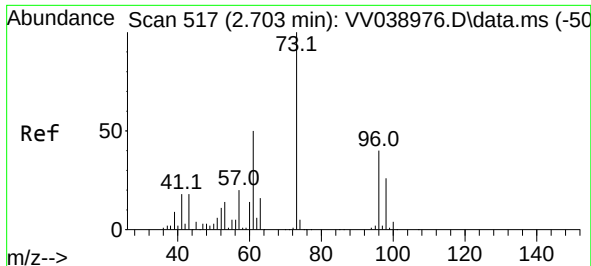
Tgt Ion: 73 Resp: 900963
Ion Ratio Lower Upper
73 100
57 19.7 15.7 23.5



#20
Methylene Chloride
Concen: 40.872 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion: 84 Resp: 291011
Ion Ratio Lower Upper
84 100
49 107.4 81.9 122.9
51 33.5 26.9 40.3
86 64.4 52.0 78.0

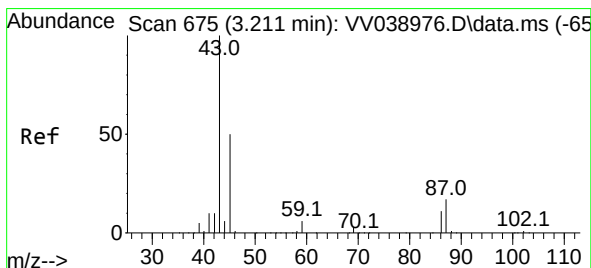
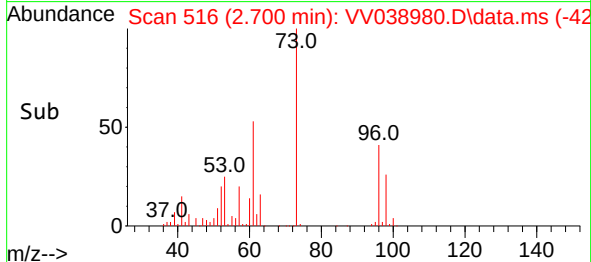
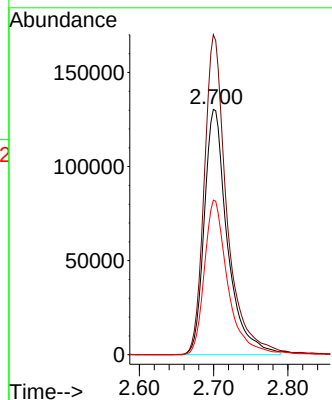
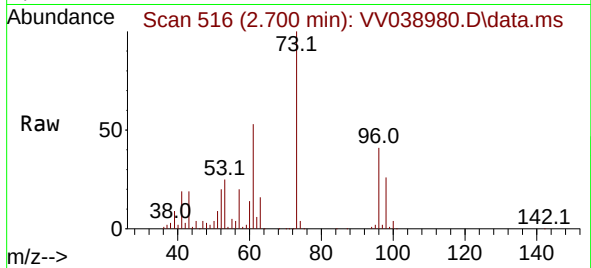




#21
trans-1,2-Dichloroethene
Concen: 43.985 ug/l
RT: 2.700 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

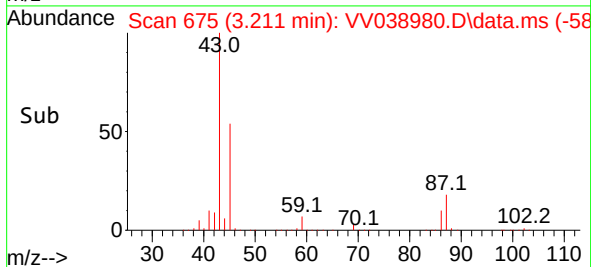
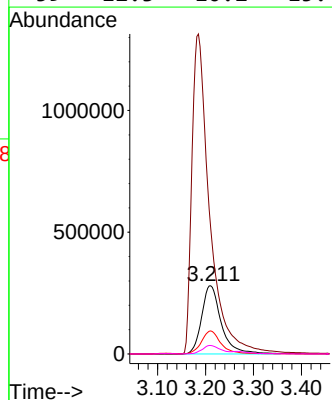
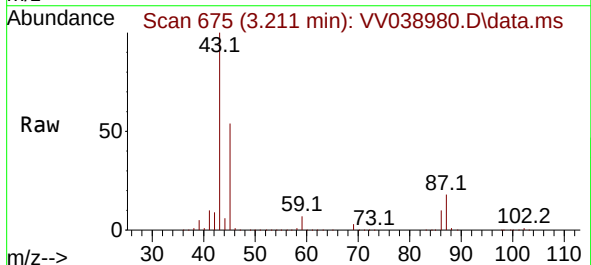
Instrument :
MSVOA_V
ClientSampleId :

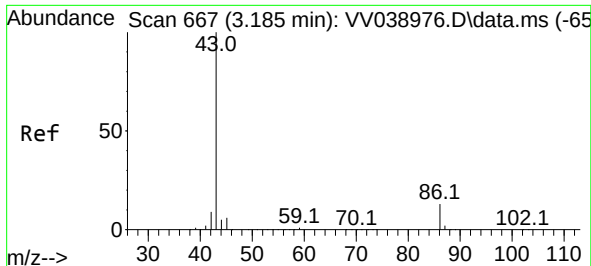
Tgt Ion: 96 Resp: 282867
Ion Ratio Lower Upper
96 100
61 130.3 100.6 151.0
98 63.0 51.5 77.3



#22
Diisopropyl ether
Concen: 44.077 ug/l
RT: 3.211 min Scan# 675
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion: 45 Resp: 797796
Ion Ratio Lower Upper
45 100
43 183.6 159.4 239.0
87 33.5 27.5 41.3
59 12.3 10.2 15.4

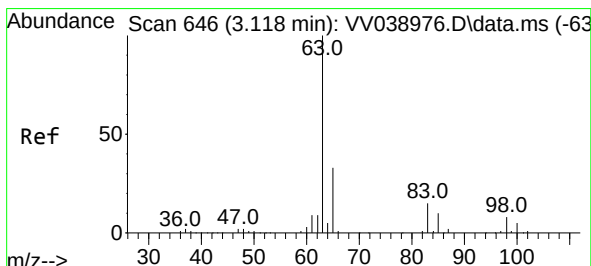
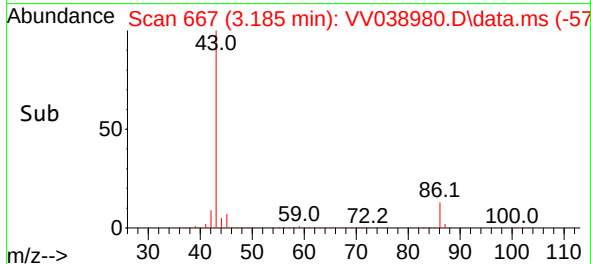
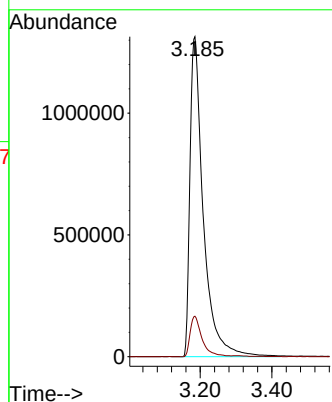
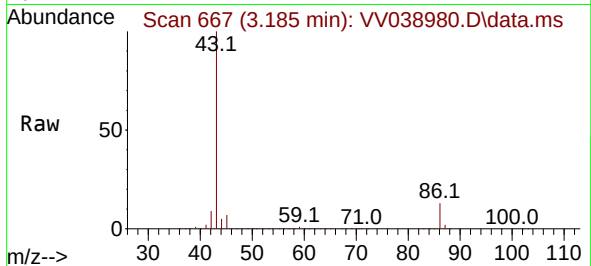




#23
 Vinyl Acetate
 Concen: 234.596 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. 0.000 min
 Lab File: VV038980.D
 Acq: 21 Aug 2025 12:56

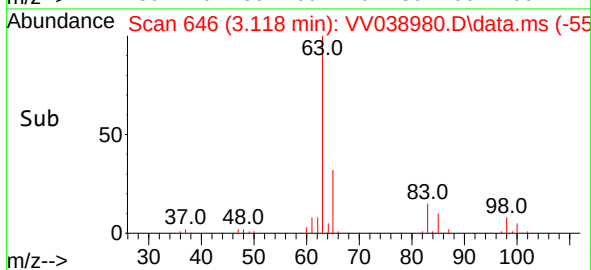
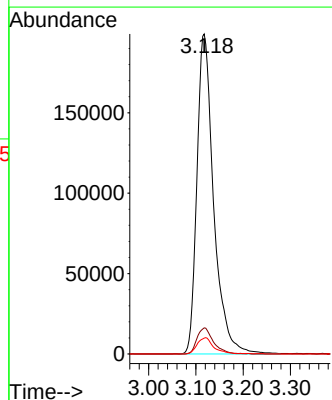
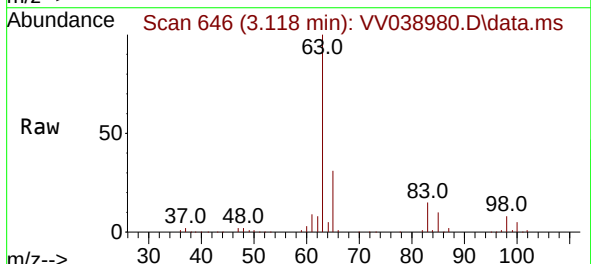
Instrument :
 MSVOA_V
 ClientSampleId :

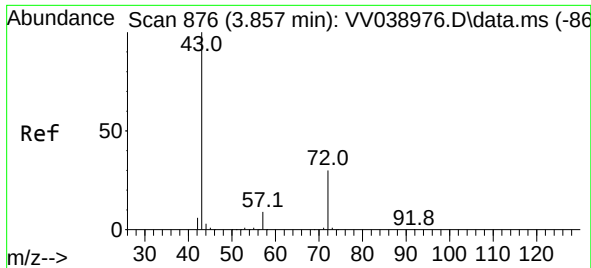
Tgt Ion: 43 Resp: 3407108
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 40.860 ug/l
 RT: 3.118 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV038980.D
 Acq: 21 Aug 2025 12:56

Tgt Ion: 63 Resp: 489892
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.3 12.8
 100 5.0 2.6 8.0

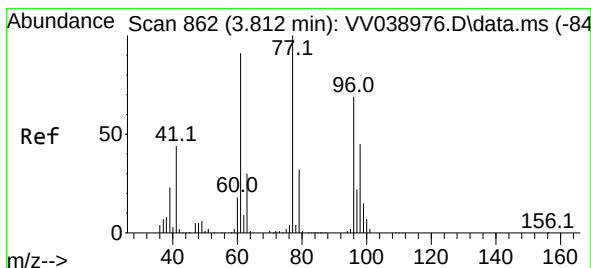
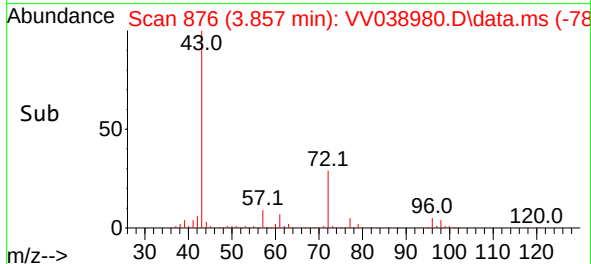
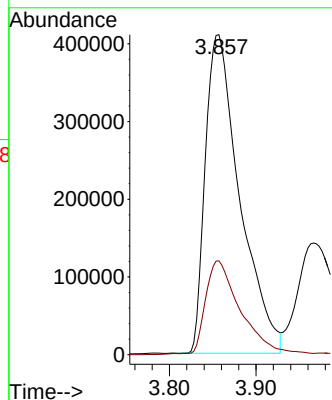
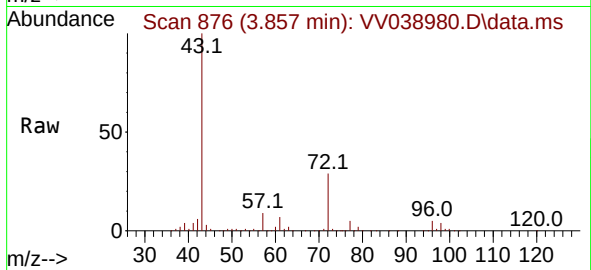




#25
2-Butanone
Concen: 284.677 ug/l
RT: 3.857 min Scan# 81
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

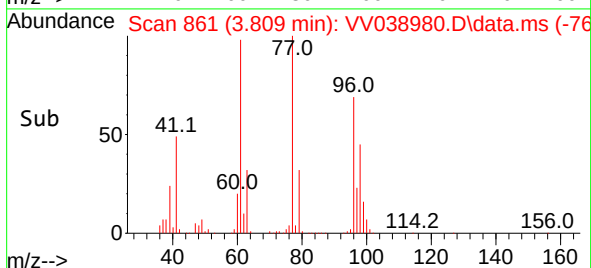
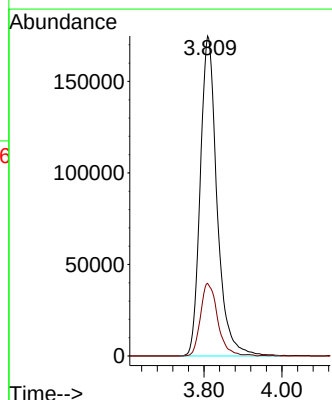
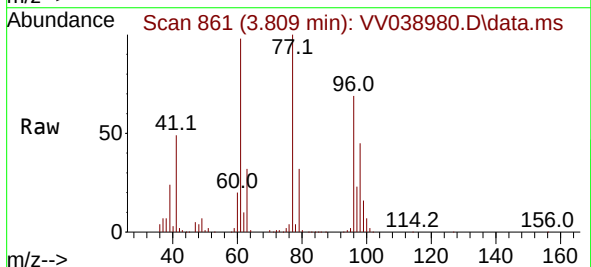
Instrument :
MSVOA_V
ClientSampleId :

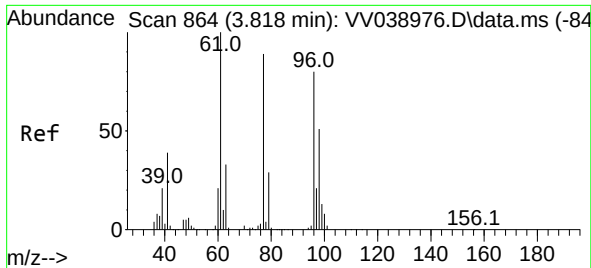
Tgt Ion: 43 Resp: 1134837
Ion Ratio Lower Upper
43 100
72 29.1 23.9 35.9



#26
2,2-Dichloropropane
Concen: 45.420 ug/l
RT: 3.809 min Scan# 861
Delta R.T. -0.003 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion: 77 Resp: 522402
Ion Ratio Lower Upper
77 100
97 23.2 11.3 33.8

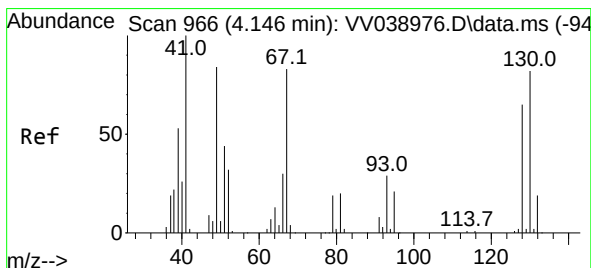
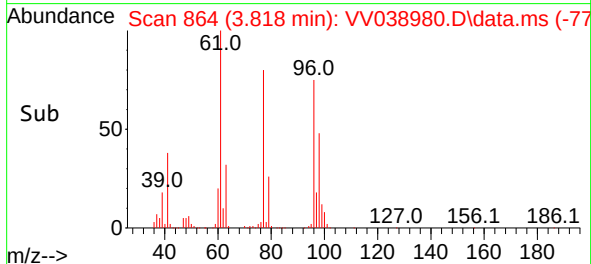
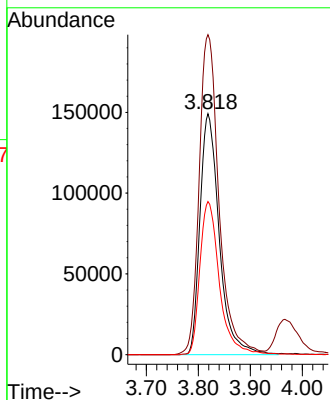
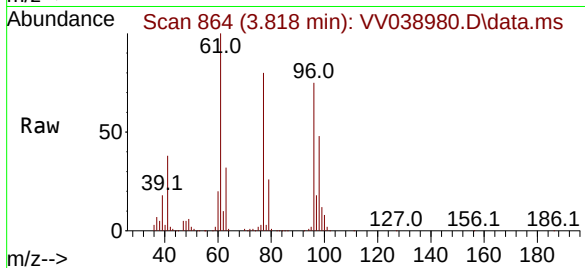




#27
 cis-1,2-Dichloroethene
 Concen: 49.539 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV038980.D
 Acq: 21 Aug 2025 12:56

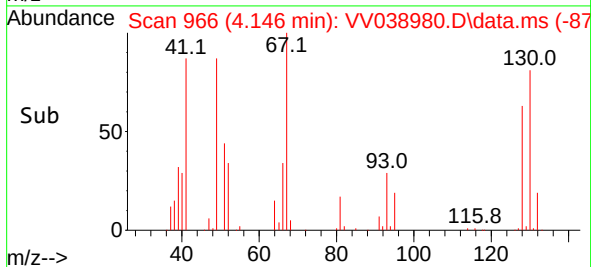
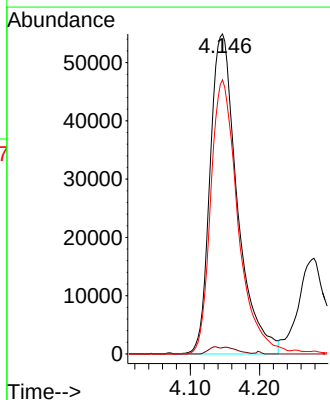
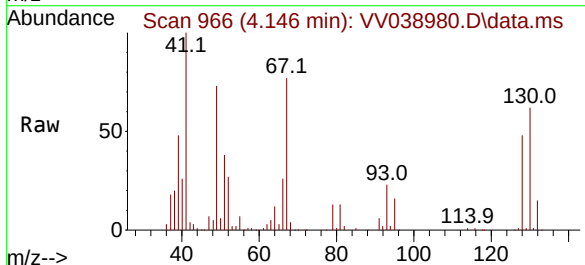
Instrument :
 MSVOA_V
 ClientSampleId :

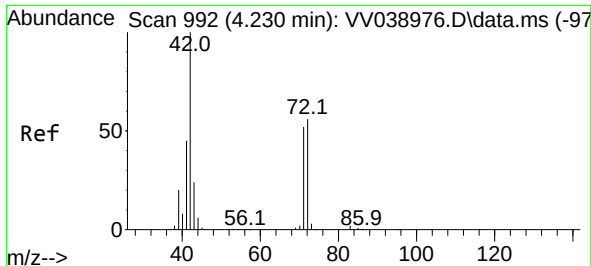
Tgt Ion: 96 Resp: 384522
 Ion Ratio Lower Upper
 96 100
 61 137.3 0.0 264.4
 98 64.5 0.0 131.8



#28
 Bromochloromethane
 Concen: 58.111 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV038980.D
 Acq: 21 Aug 2025 12:56

Tgt Ion: 49 Resp: 149849
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 3.2
 130 85.6 78.2 117.2





#29

Tetrahydrofuran

Concen: 281.713 ug/l

RT: 4.227 min Scan# 991

Delta R.T. -0.003 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

ClientSampleId :

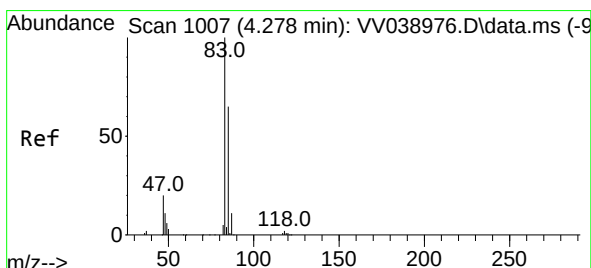
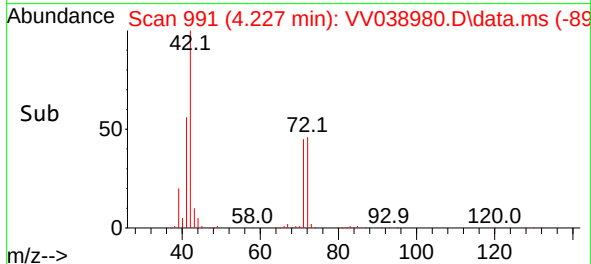
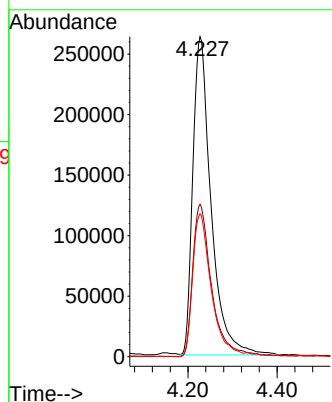
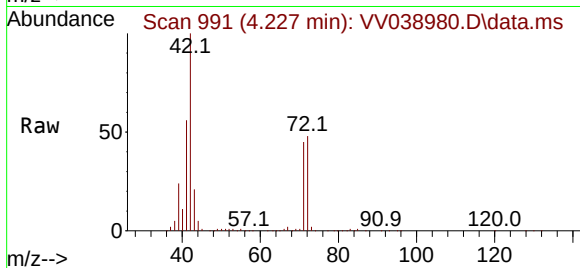
Tgt Ion: 42 Resp: 749656

Ion Ratio Lower Upper

42 100

72 49.4 44.6 66.8

71 45.4 41.6 62.4



#30

Chloroform

Concen: 45.988 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV038980.D

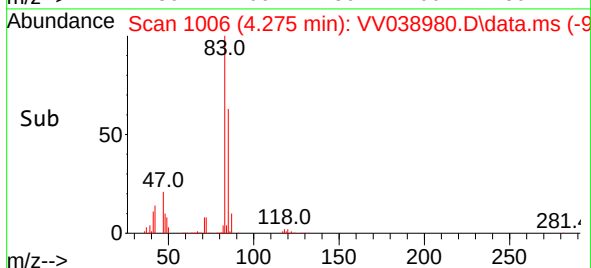
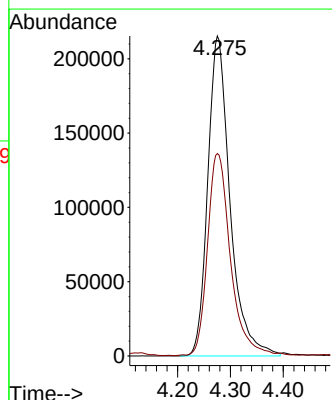
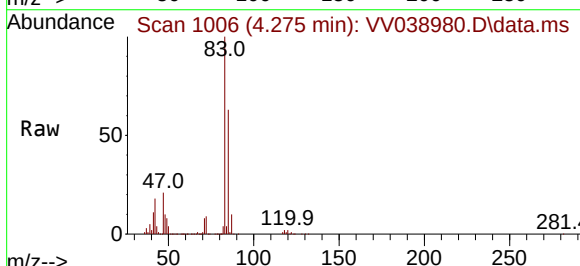
Acq: 21 Aug 2025 12:56

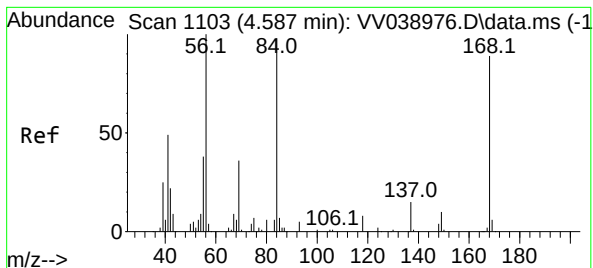
Tgt Ion: 83 Resp: 630089

Ion Ratio Lower Upper

83 100

85 63.0 52.2 78.2





#31

Cyclohexane

Concen: 49.002 ug/l

RT: 4.584 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

ClientSampleId :

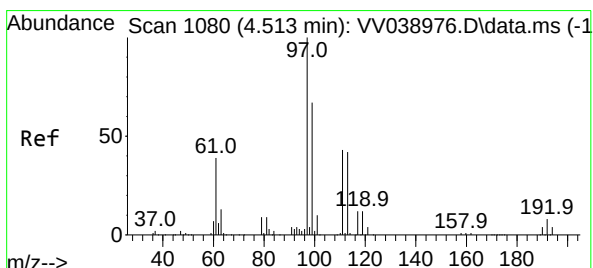
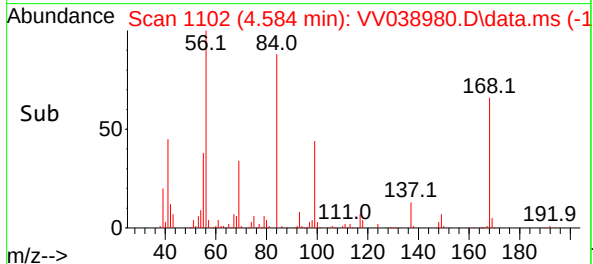
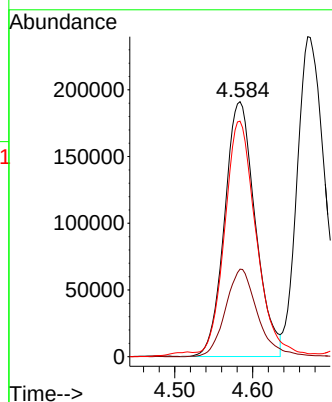
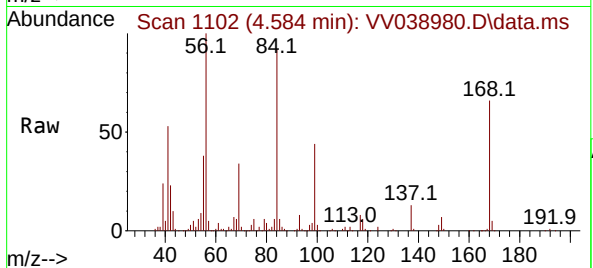
Tgt Ion: 56 Resp: 524195

Ion Ratio Lower Upper

56 100

69 34.3 28.6 42.8

84 90.8 78.1 117.1



#32

1,1,1-Trichloroethane

Concen: 44.442 ug/l

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

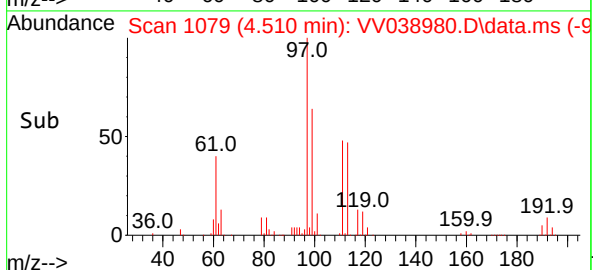
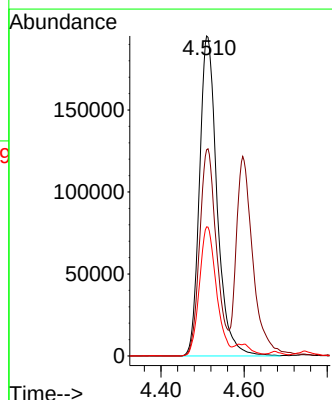
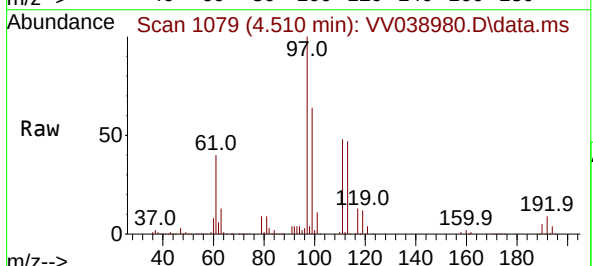
Tgt Ion: 97 Resp: 572073

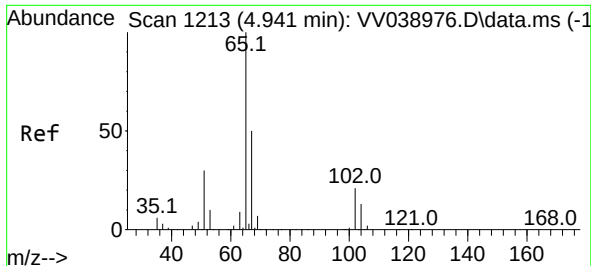
Ion Ratio Lower Upper

97 100

99 62.2 49.5 74.3

61 39.3 30.9 46.3





#33

1,2-Dichloroethane-d4

Concen: 47.593 ug/l

RT: 4.941 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

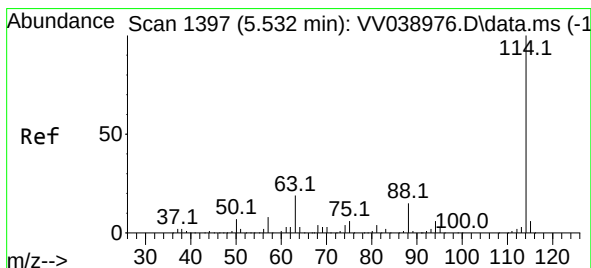
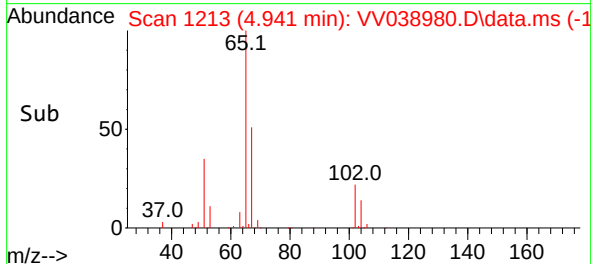
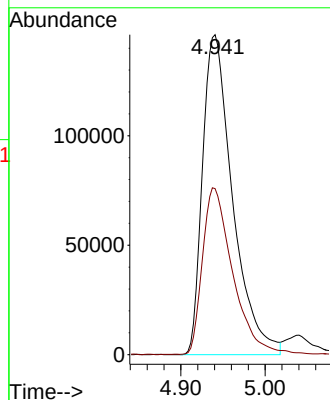
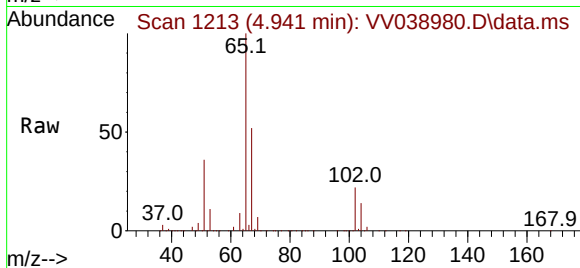
ClientSampleId :

Tgt Ion: 65 Resp: 363314

Ion Ratio Lower Upper

65 100

67 52.1 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: VV038980.D

Acq: 21 Aug 2025 12:56

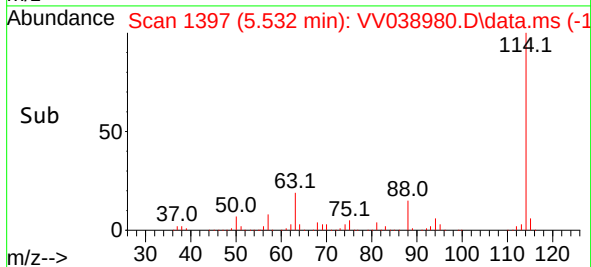
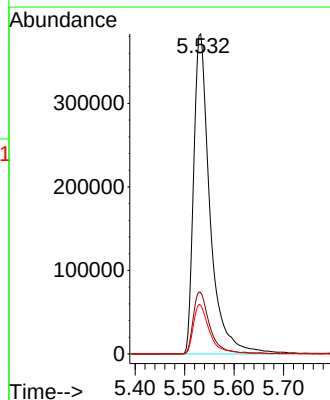
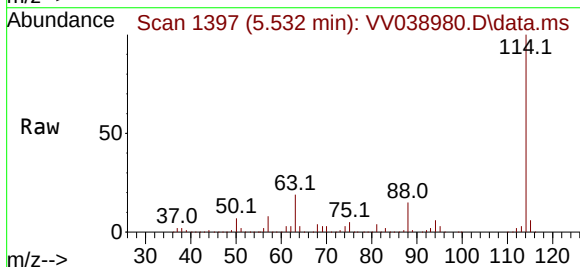
Tgt Ion: 114 Resp: 881253

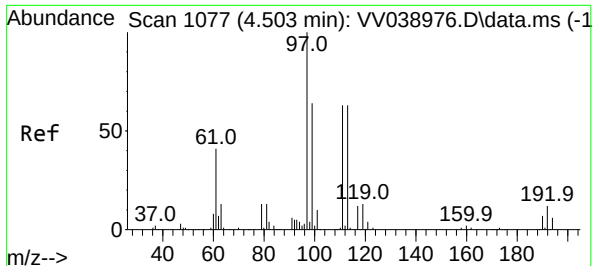
Ion Ratio Lower Upper

114 100

63 19.2 0.0 37.4

88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.635 ug/l

RT: 4.500 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

ClientSampleId :

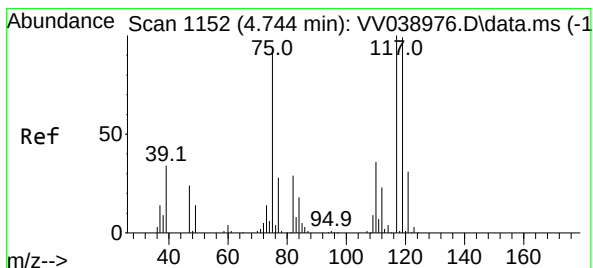
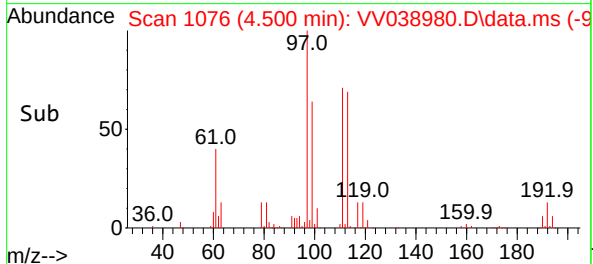
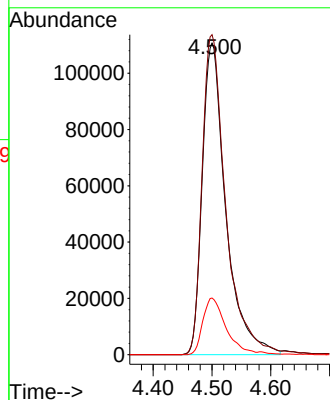
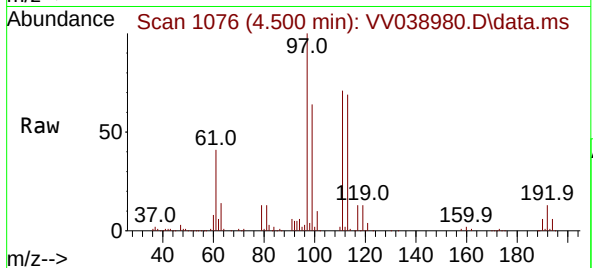
Tgt Ion:113 Resp: 308210

Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 17.7 15.4 23.0



#36

1,1-Dichloropropene

Concen: 49.222 ug/l

RT: 4.745 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

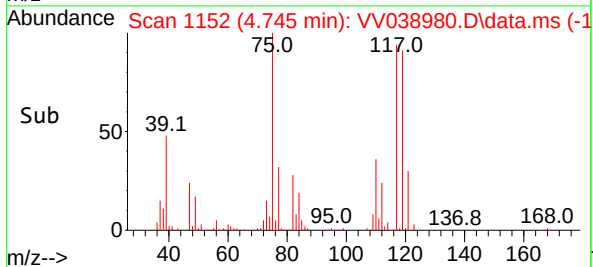
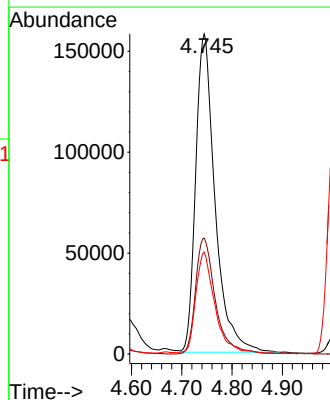
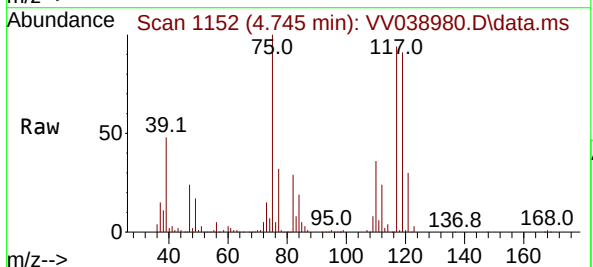
Tgt Ion: 75 Resp: 422468

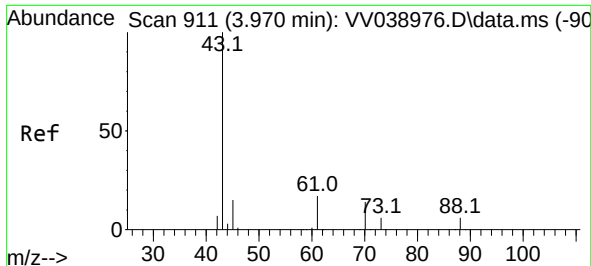
Ion Ratio Lower Upper

75 100

110 37.2 19.6 58.7

77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 54.265 ug/l

RT: 3.966 min Scan# 911

Delta R.T. -0.004 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

ClientSampleId :

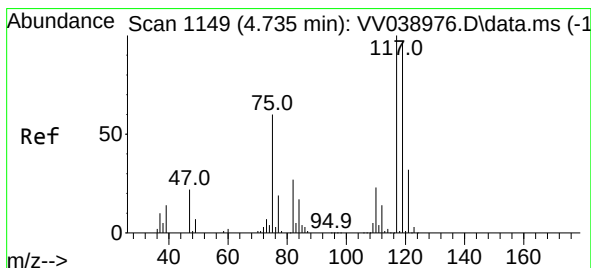
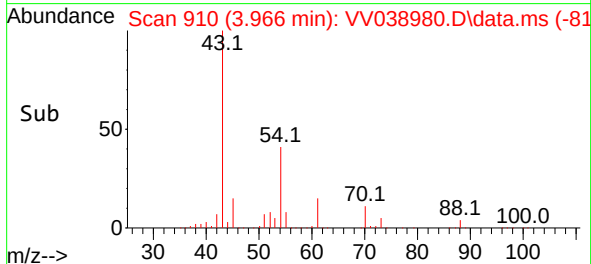
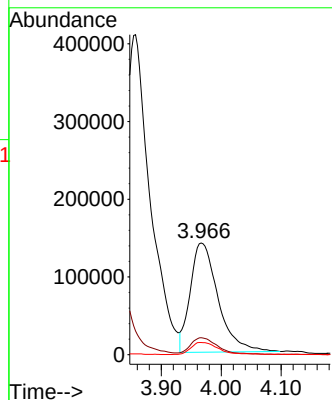
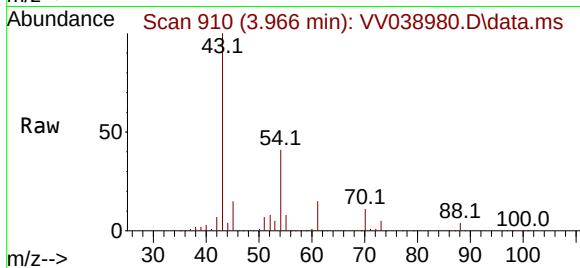
Tgt Ion: 43 Resp: 455051

Ion Ratio Lower Upper

43 100

61 13.7 12.6 19.0

70 10.8 10.2 15.4



#38

Carbon Tetrachloride

Concen: 43.722 ug/l

RT: 4.732 min Scan# 1148

Delta R.T. -0.003 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

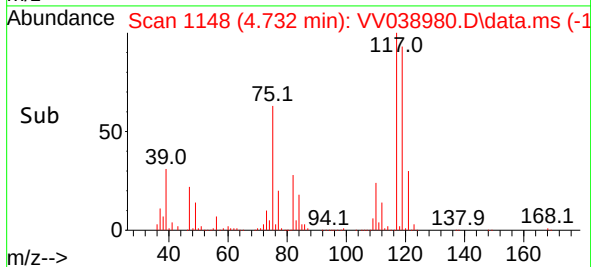
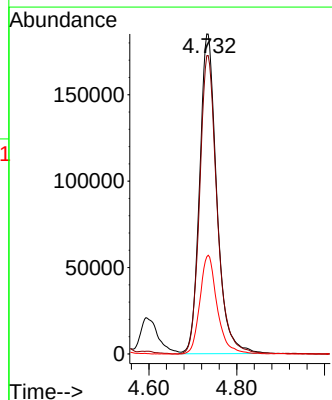
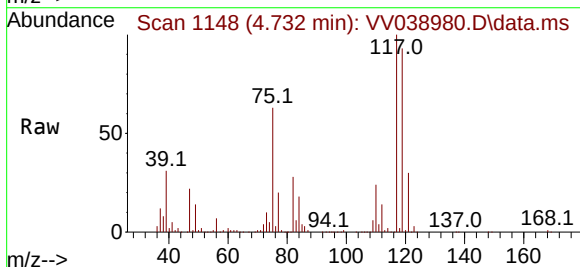
Tgt Ion: 117 Resp: 502523

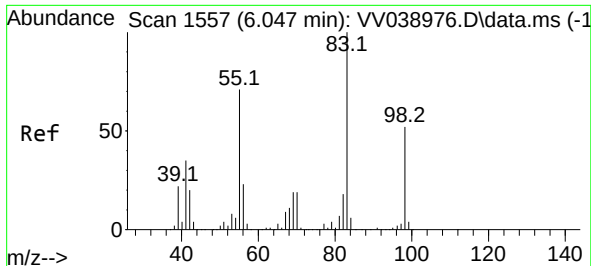
Ion Ratio Lower Upper

117 100

119 93.2 77.1 115.7

121 30.4 25.4 38.2





#39

Methylcyclohexane

Concen: 51.904 ug/l

RT: 6.047 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

ClientSampleId :

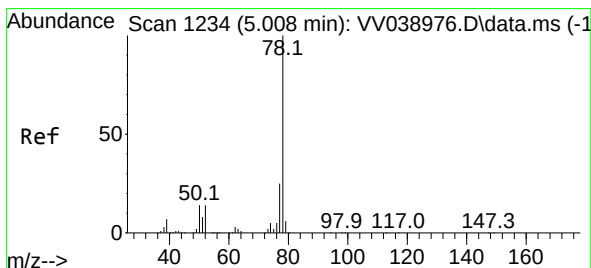
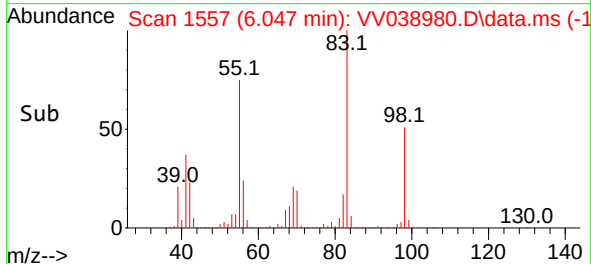
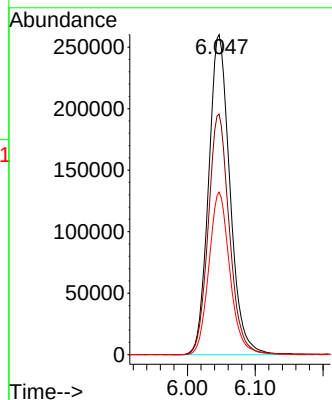
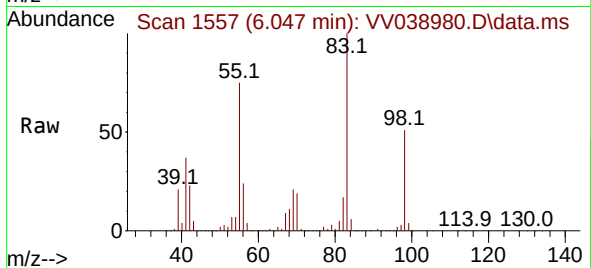
Tgt Ion: 83 Resp: 569225

Ion Ratio Lower Upper

83 100

55 75.2 57.0 85.6

98 50.8 41.3 61.9



#40

Benzene

Concen: 49.579 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV038980.D

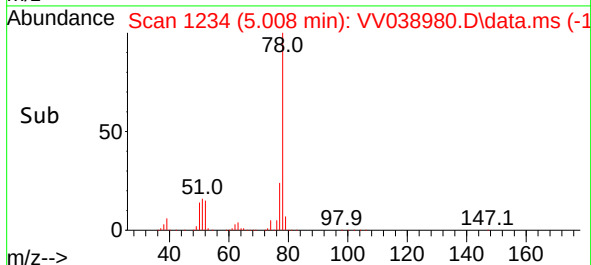
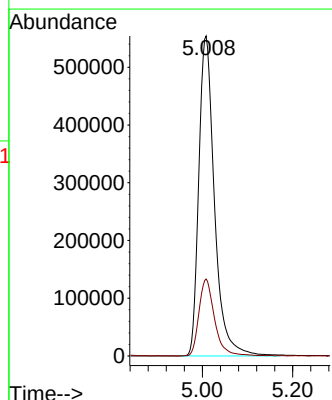
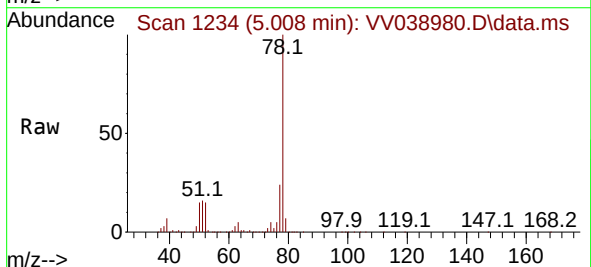
Acq: 21 Aug 2025 12:56

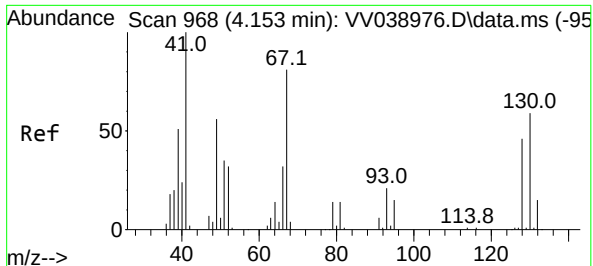
Tgt Ion: 78 Resp: 1332784

Ion Ratio Lower Upper

78 100

77 24.0 19.6 29.4

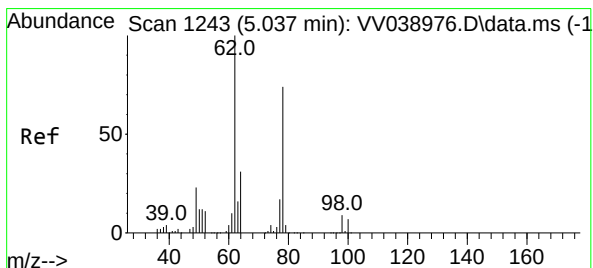
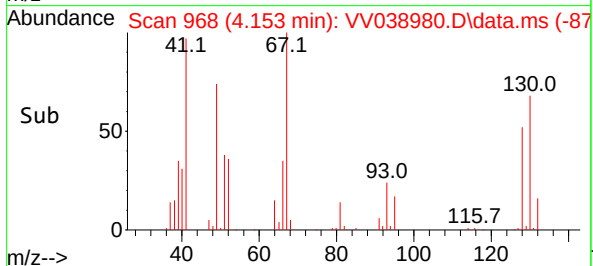
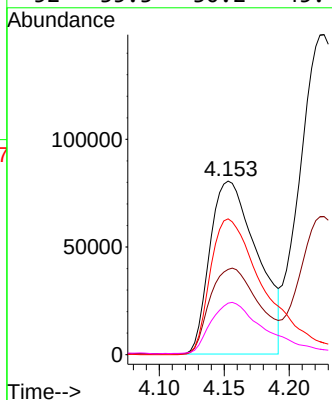
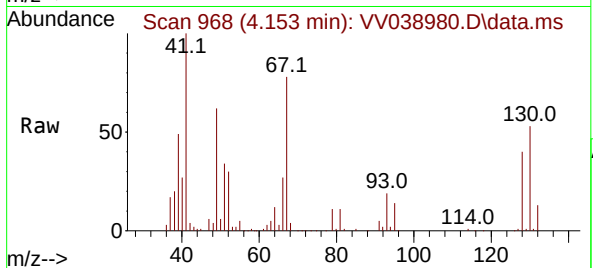




#41
Methacrylonitrile
Concen: 64.871 ug/l
RT: 4.153 min Scan# 968
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

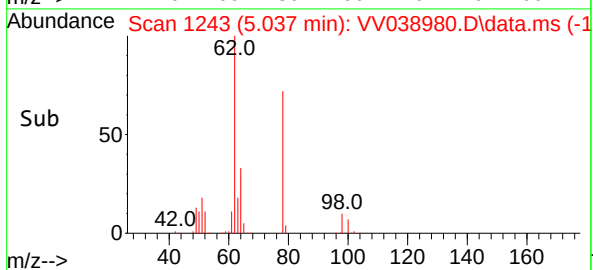
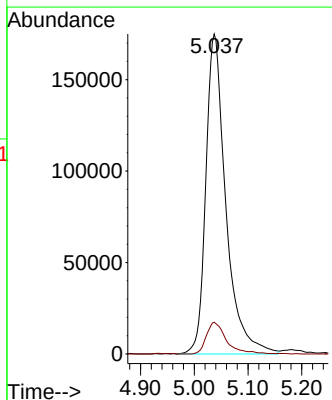
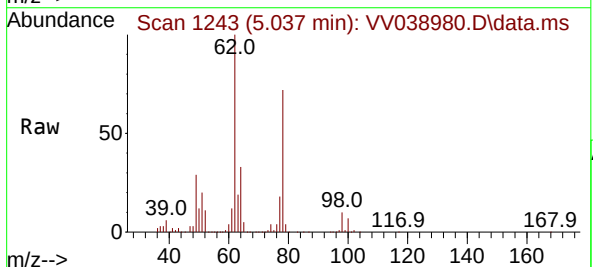
Instrument :
MSVOA_V
ClientSampleId :

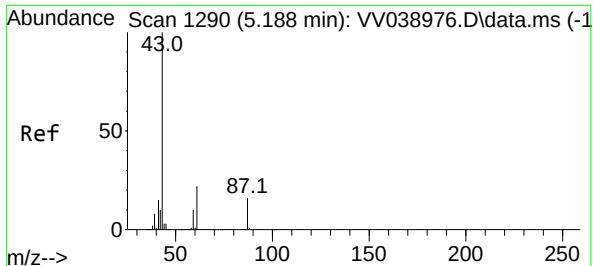
Tgt Ion: 41 Resp: 204984
Ion Ratio Lower Upper
41 100
39 51.0 45.5 68.3
67 94.1 83.5 125.3
52 35.3 30.2 45.4



#42
1,2-Dichloroethane
Concen: 46.035 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion: 62 Resp: 452424
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.2

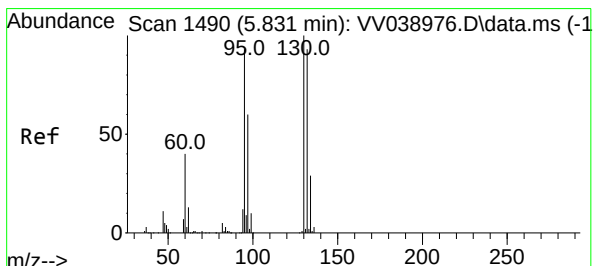
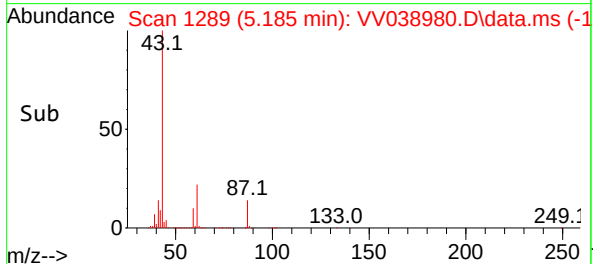
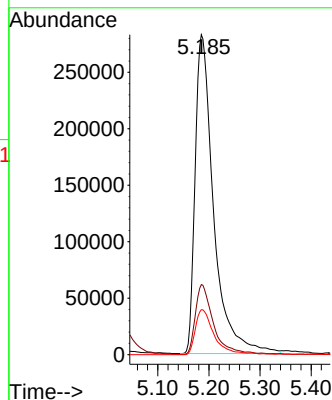
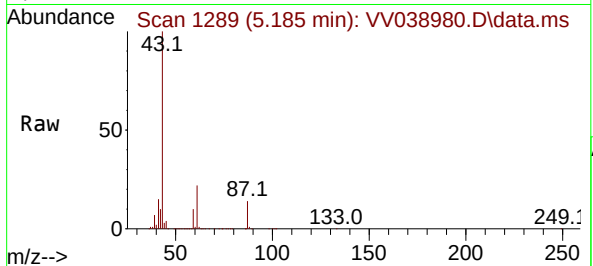




#43
Isopropyl Acetate
Concen: 55.426 ug/l
RT: 5.185 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

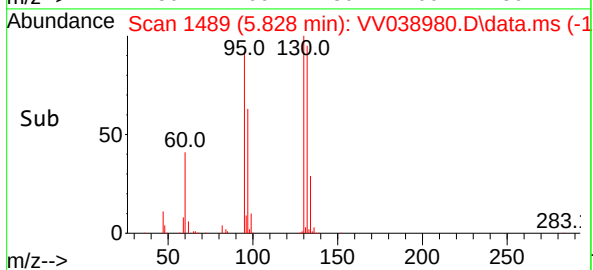
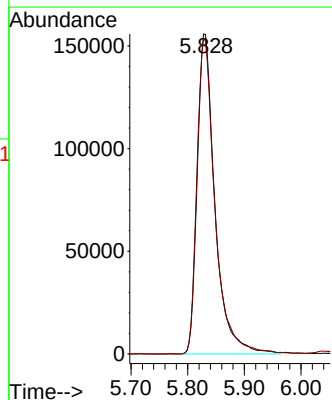
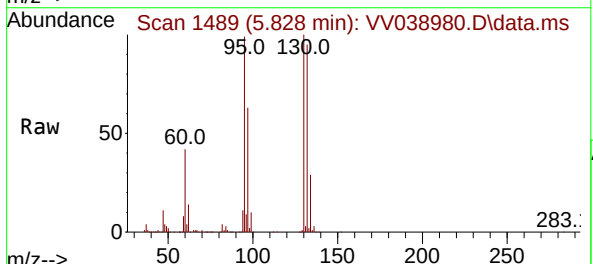
Instrument :
MSVOA_V
ClientSampleId :

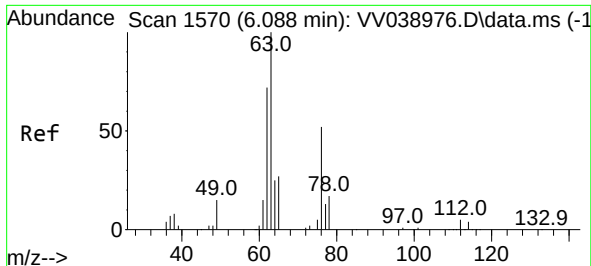
Tgt Ion: 43 Resp: 709186
Ion Ratio Lower Upper
43 100
61 21.2 17.4 26.2
87 14.0 13.3 19.9



#44
Trichloroethene
Concen: 46.541 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion:130 Resp: 339372
Ion Ratio Lower Upper
130 100
95 98.5 0.0 186.6





#45

1,2-Dichloropropane

Concen: 51.027 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

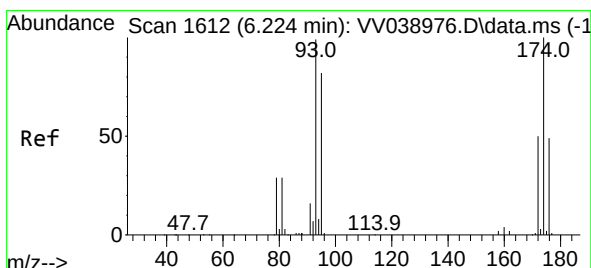
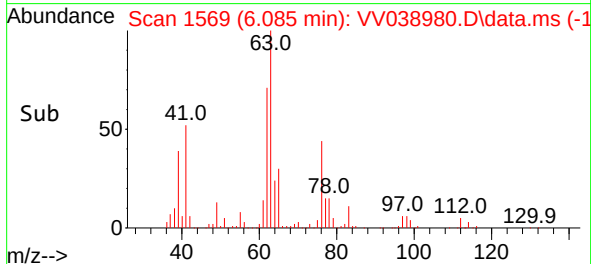
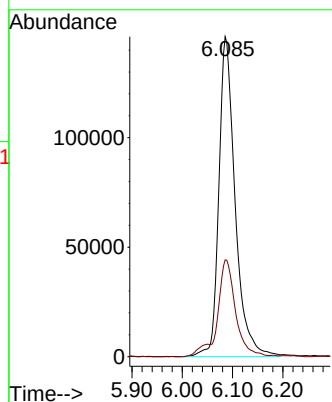
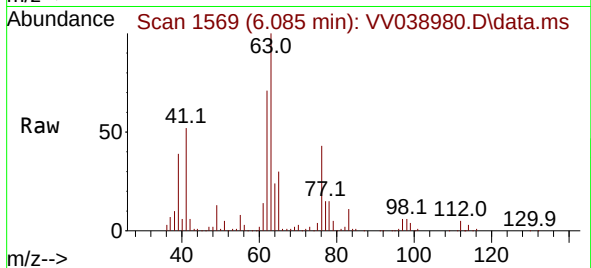
ClientSampleId :

Tgt Ion: 63 Resp: 328975

Ion Ratio Lower Upper

63 100

65 30.2 25.0 37.4



#46

Dibromomethane

Concen: 46.305 ug/l

RT: 6.224 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

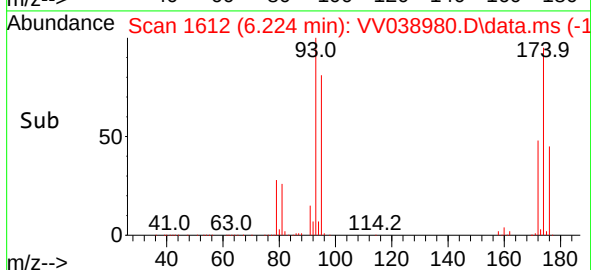
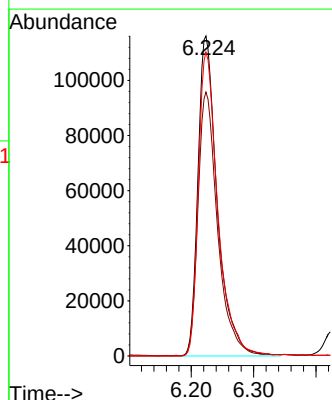
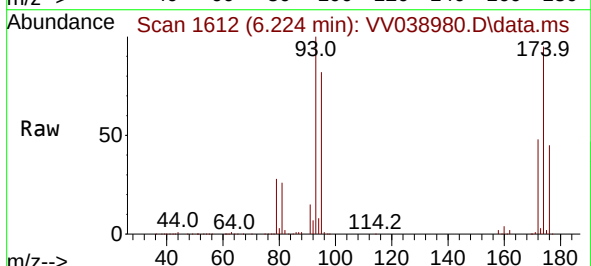
Tgt Ion: 93 Resp: 250499

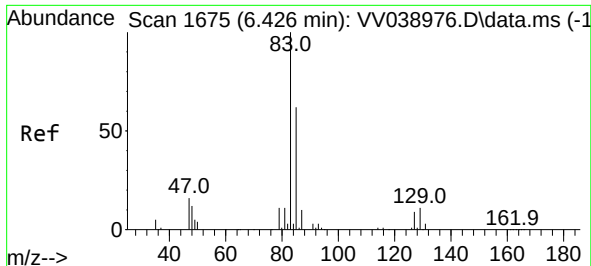
Ion Ratio Lower Upper

93 100

95 83.1 66.4 99.6

174 96.0 79.7 119.5

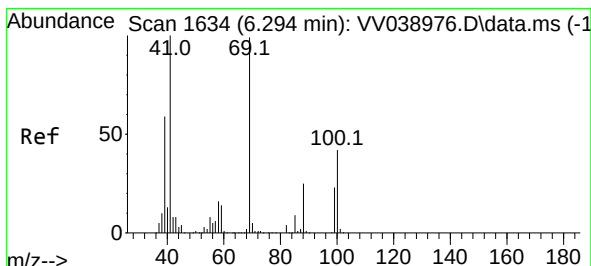
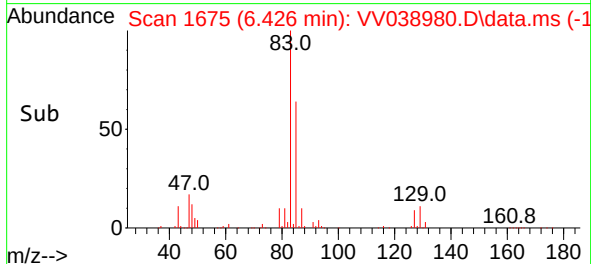
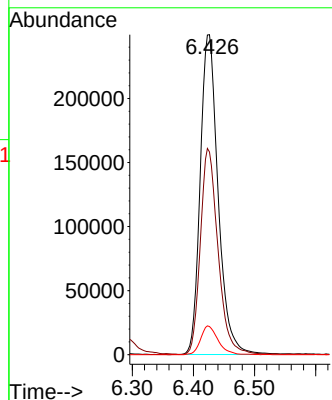
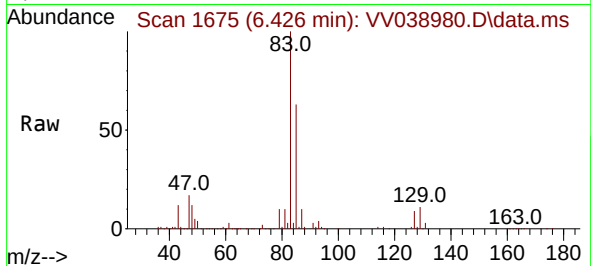




#47
Bromodichloromethane
Concen: 46.169 ug/l
RT: 6.426 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

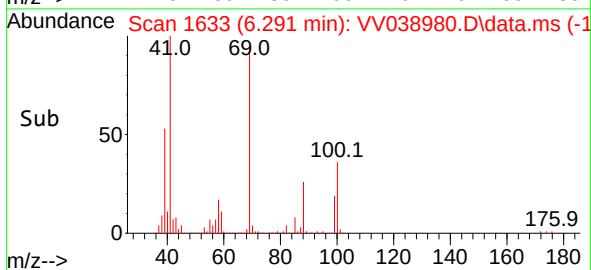
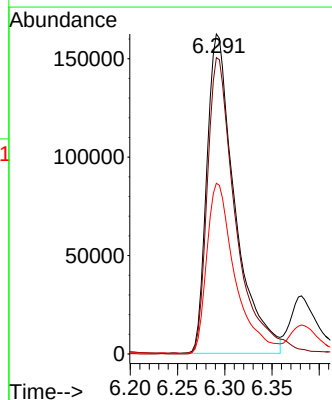
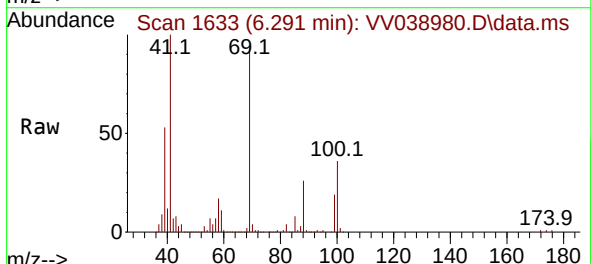
Instrument :
MSVOA_V
ClientSampleId :

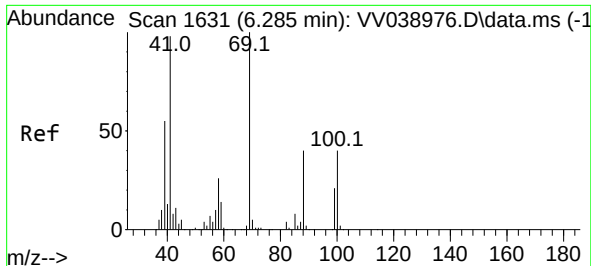
Tgt Ion: 83 Resp: 508309
Ion Ratio Lower Upper
83 100
85 63.3 49.6 74.4
127 8.8 6.9 10.3



#48
Methyl methacrylate
Concen: 58.402 ug/l
RT: 6.291 min Scan# 1633
Delta R.T. -0.003 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion: 41 Resp: 334970
Ion Ratio Lower Upper
41 100
69 95.1 82.5 123.7
39 53.3 46.6 69.8





#49

1,4-Dioxane

Concen: 1068.405 ug/l

RT: 6.285 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

ClientSampleId :

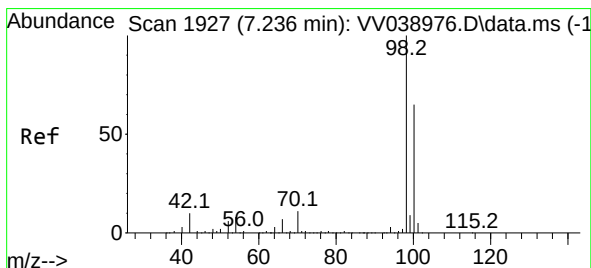
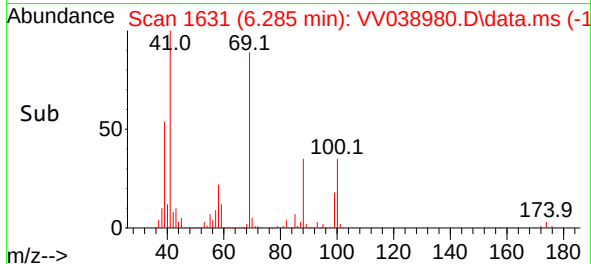
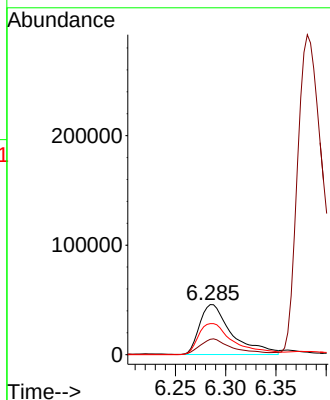
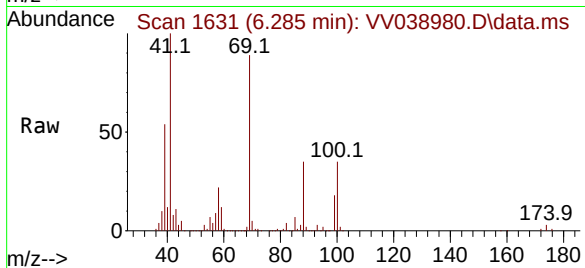
Tgt Ion: 88 Resp: 102464

Ion Ratio Lower Upper

88 100

43 30.6 24.6 36.8

58 68.0 51.8 77.6



#50

Toluene-d8

Concen: 46.869 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038980.D

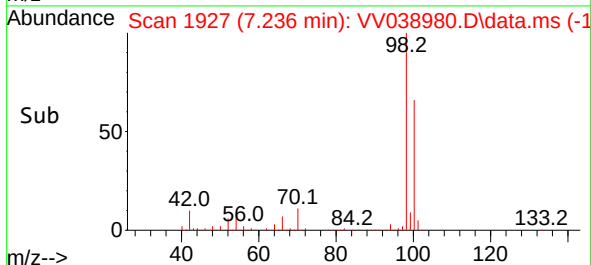
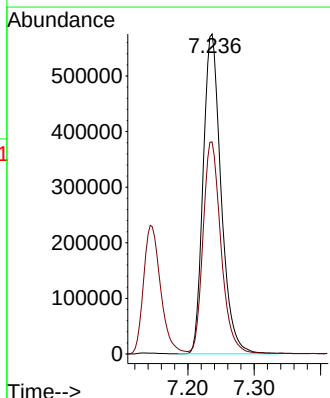
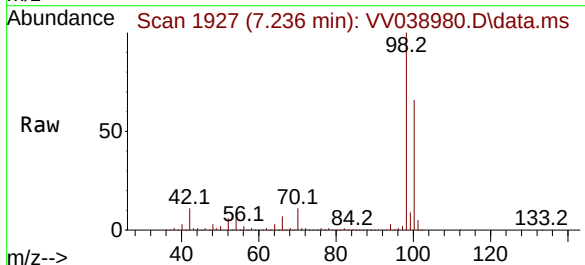
Acq: 21 Aug 2025 12:56

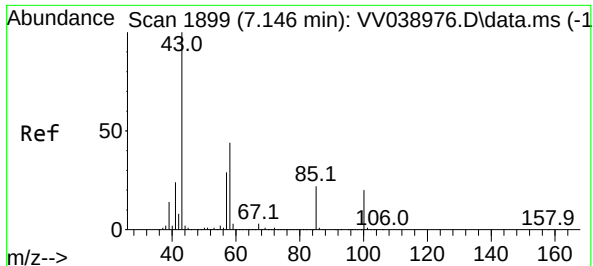
Tgt Ion: 98 Resp: 1080134

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.2

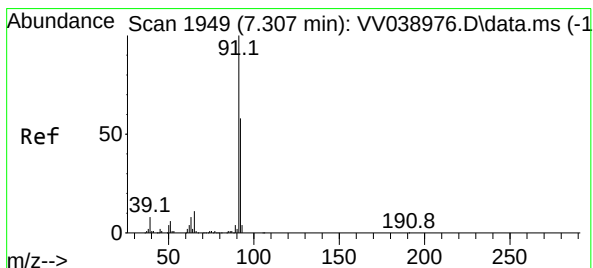
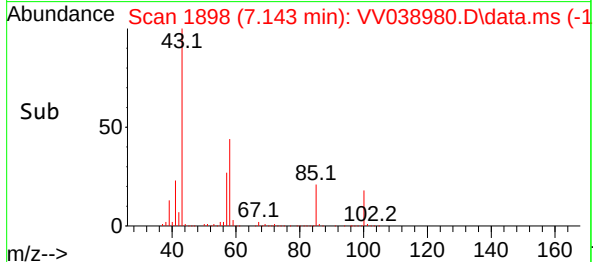
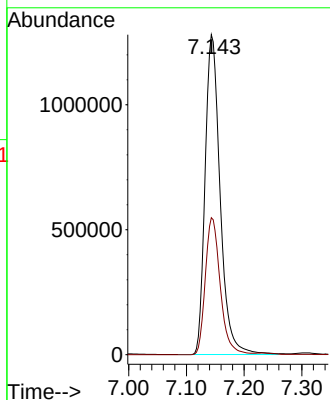
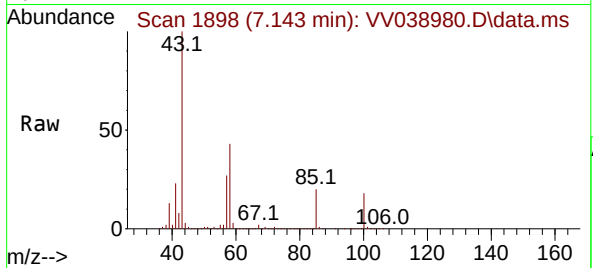




#51
4-Methyl-2-Pentanone
Concen: 275.881 ug/l
RT: 7.143 min Scan# 1899
Delta R.T. -0.003 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

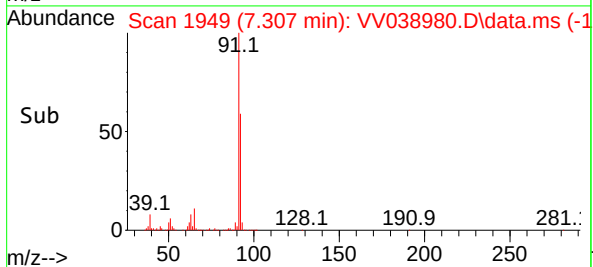
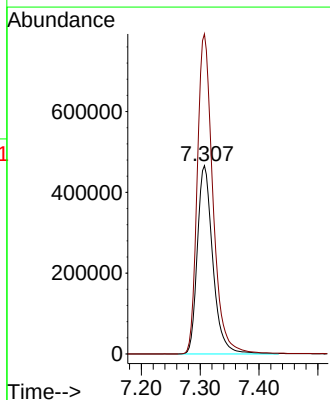
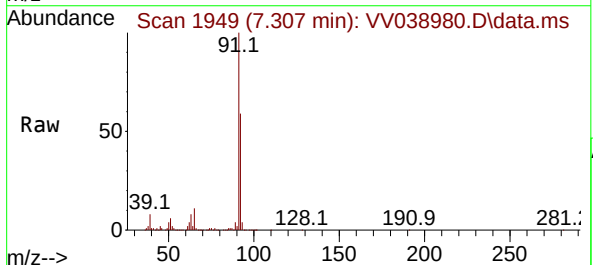
Instrument :
MSVOA_V
ClientSampleId :

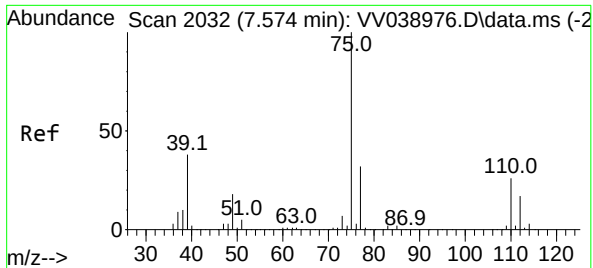
Tgt Ion: 43 Resp: 2317760
Ion Ratio Lower Upper
43 100
58 42.5 34.6 51.8



#52
Toluene
Concen: 49.913 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion: 92 Resp: 849767
Ion Ratio Lower Upper
92 100
91 171.7 136.3 204.5

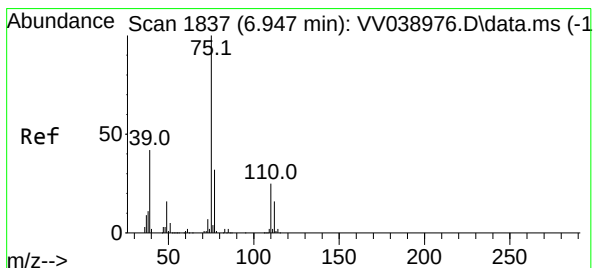
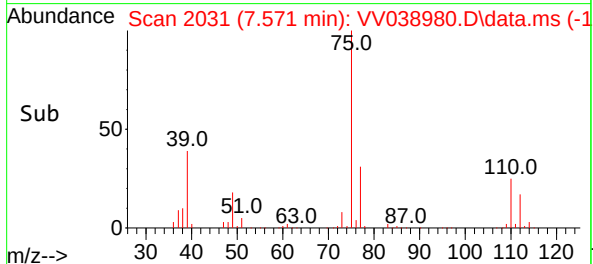
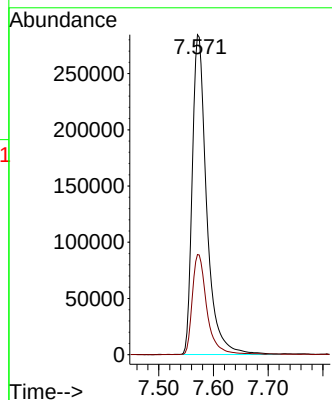
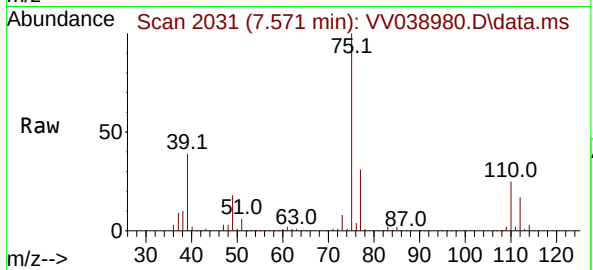




#53
 t-1,3-Dichloropropene
 Concen: 50.434 ug/l
 RT: 7.571 min Scan# 2032
 Delta R.T. -0.003 min
 Lab File: VV038980.D
 Acq: 21 Aug 2025 12:56

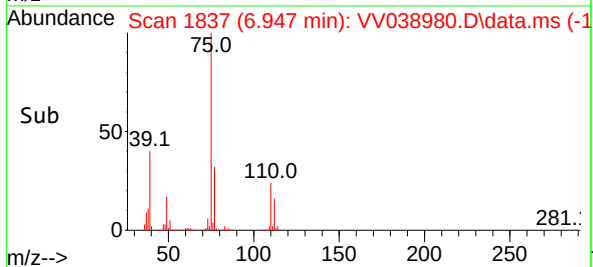
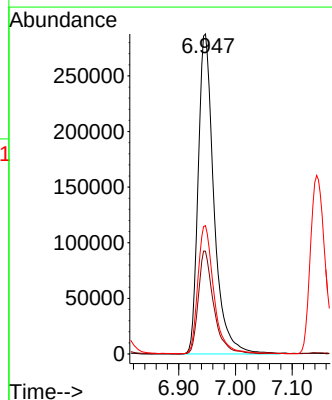
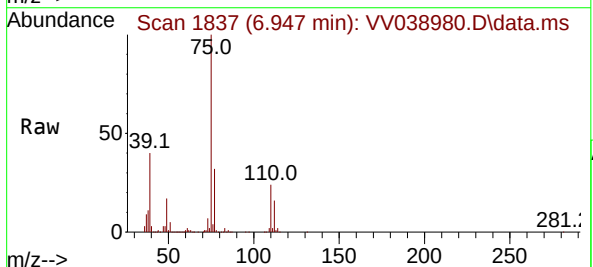
Instrument :
 MSVOA_V
 ClientSampleId :

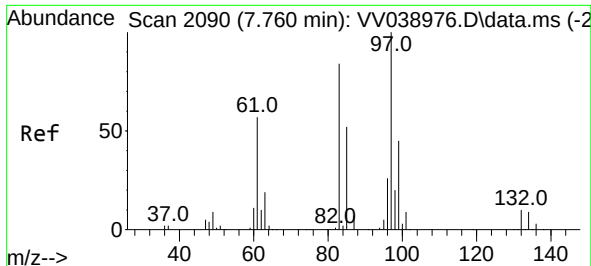
Tgt Ion: 75 Resp: 519087
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 52.213 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: VV038980.D
 Acq: 21 Aug 2025 12:56

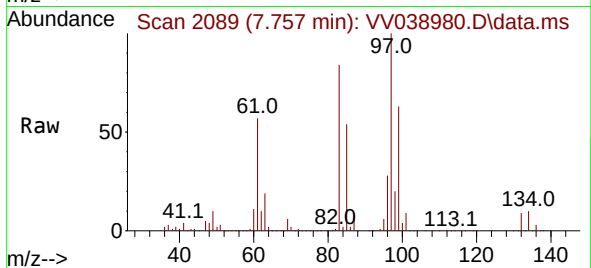
Tgt Ion: 75 Resp: 556800
 Ion Ratio Lower Upper
 75 100
 77 32.1 25.6 38.4
 39 40.0 33.3 49.9



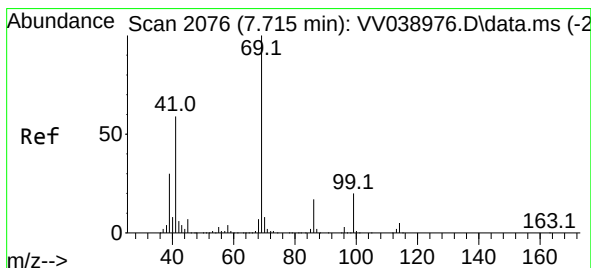
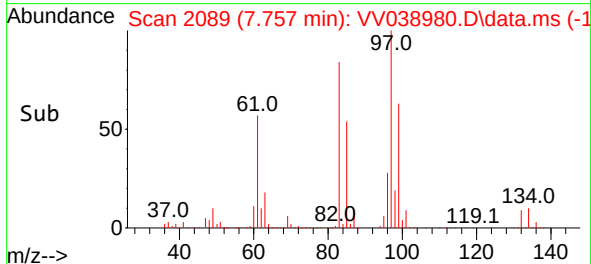
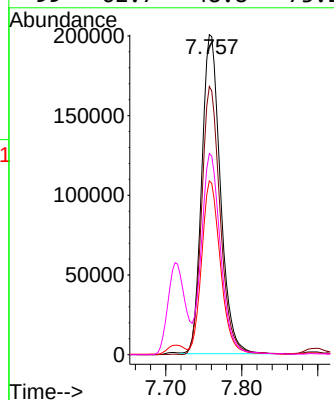


#55
 1,1,2-Trichloroethane
 Concen: 46.043 ug/l
 RT: 7.757 min Scan# 2090
 Delta R.T. -0.003 min
 Lab File: VV038980.D
 Acq: 21 Aug 2025 12:56

Instrument :
 MSVOA_V
 ClientSampleId :

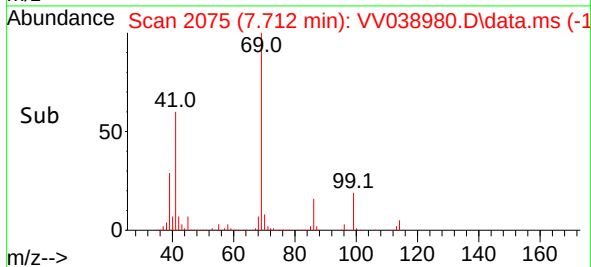
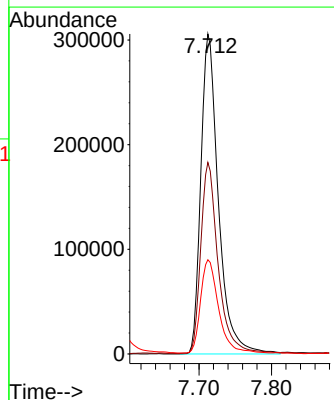
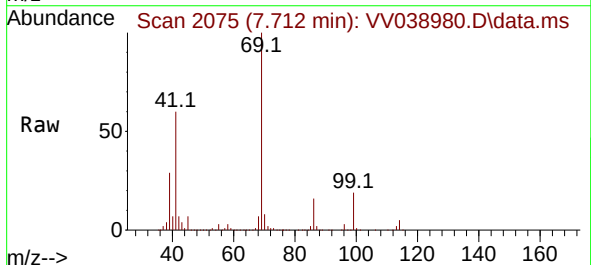


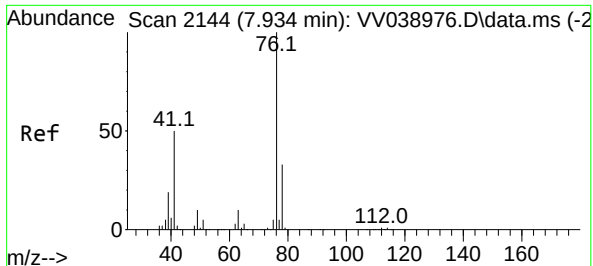
Tgt Ion:	97	Resp:	341785
Ion	Ratio	Lower	Upper
97	100		
83	84.0	67.2	100.8
85	54.2	42.7	64.1
99	62.7	48.8	73.2



#56
 Ethyl methacrylate
 Concen: 45.941 ug/l
 RT: 7.712 min Scan# 2075
 Delta R.T. -0.003 min
 Lab File: VV038980.D
 Acq: 21 Aug 2025 12:56

Tgt Ion:	69	Resp:	515486
Ion	Ratio	Lower	Upper
69	100		
41	59.0	47.5	71.3
39	29.7	24.2	36.2





#57

1,3-Dichloropropane

Concen: 47.922 ug/l

RT: 7.931 min Scan# 2143

Delta R.T. -0.003 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

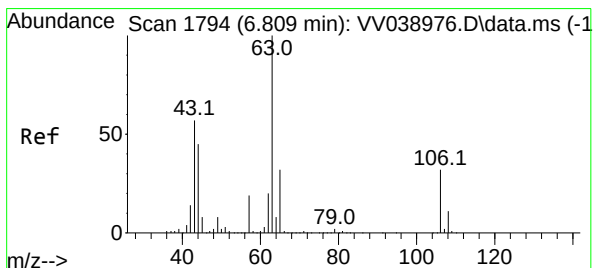
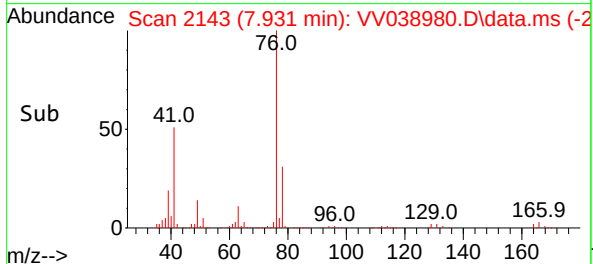
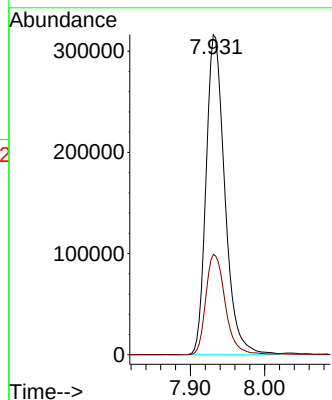
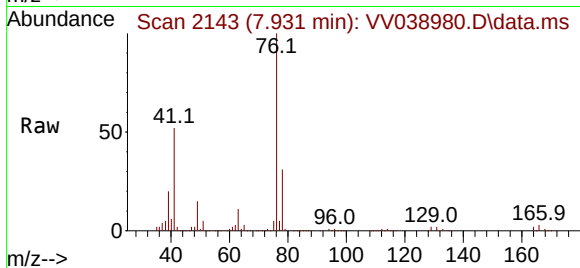
ClientSampleId :

Tgt Ion: 76 Resp: 554694

Ion Ratio Lower Upper

76 100

78 32.4 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 260.454 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VV038980.D

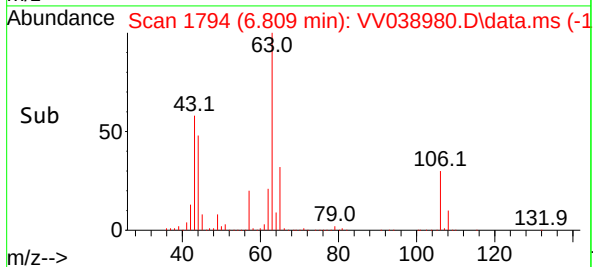
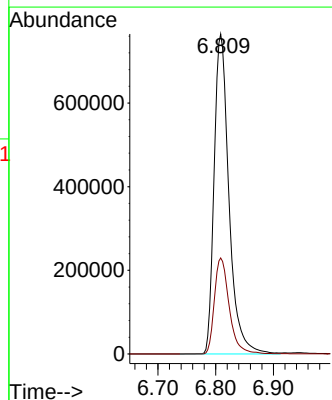
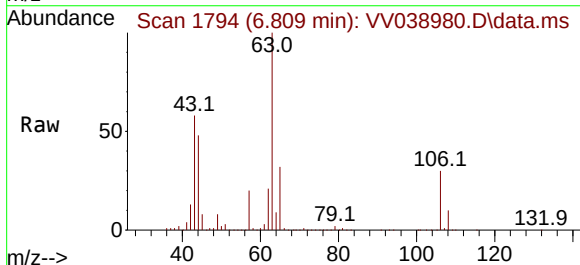
Acq: 21 Aug 2025 12:56

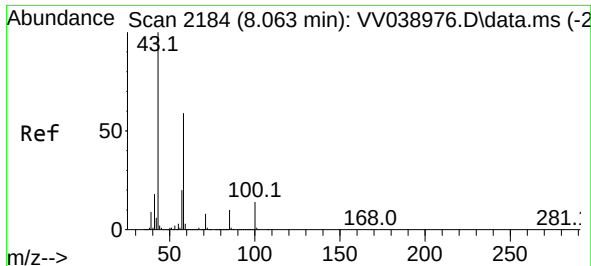
Tgt Ion: 63 Resp: 1365481

Ion Ratio Lower Upper

63 100

106 30.0 25.6 38.4





#59

2-Hexanone

Concen: 216.977 ug/l

RT: 8.059 min Scan# 21

Delta R.T. -0.004 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

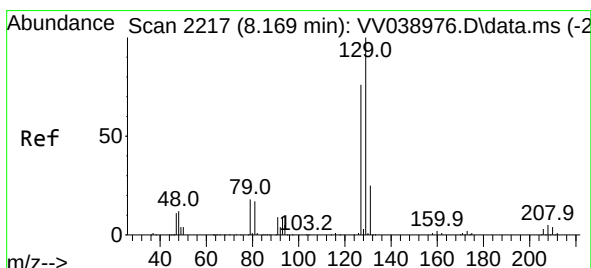
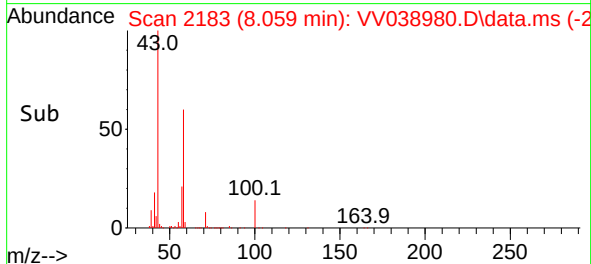
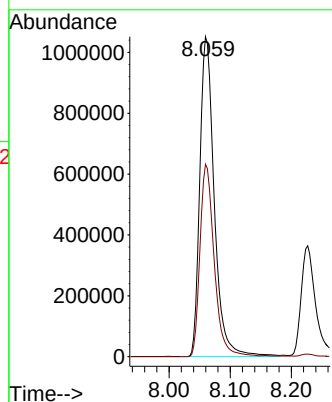
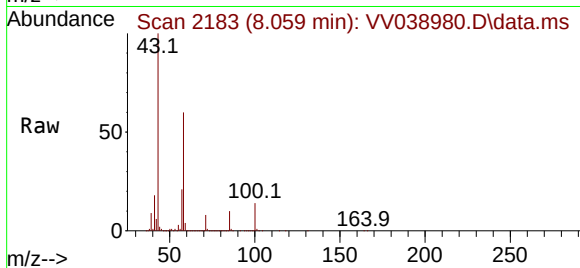
ClientSampleId :

Tgt Ion: 43 Resp: 1728882

Ion Ratio Lower Upper

43 100

58 59.2 29.8 89.4



#60

Dibromochloromethane

Concen: 45.122 ug/l

RT: 8.166 min Scan# 2216

Delta R.T. -0.003 min

Lab File: VV038980.D

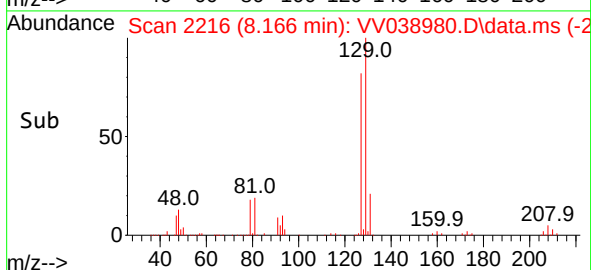
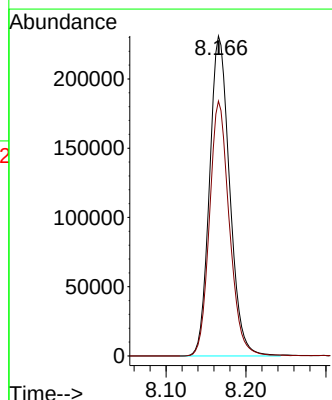
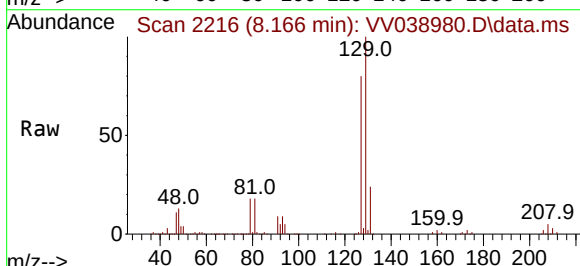
Acq: 21 Aug 2025 12:56

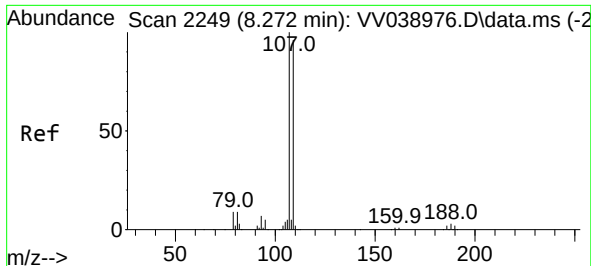
Tgt Ion:129 Resp: 404445

Ion Ratio Lower Upper

129 100

127 78.6 38.4 115.1

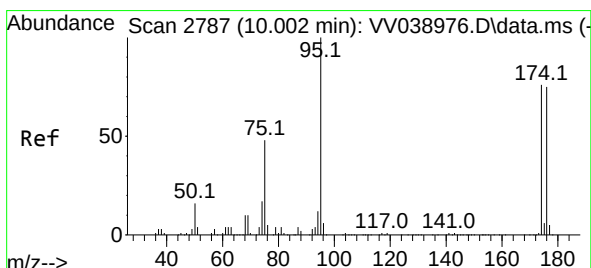
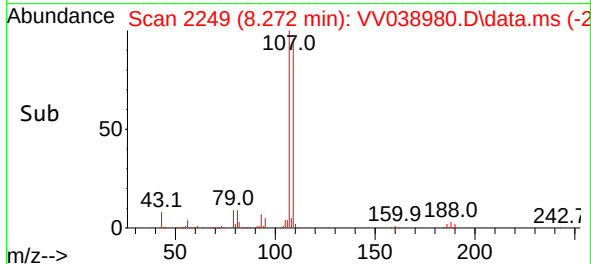
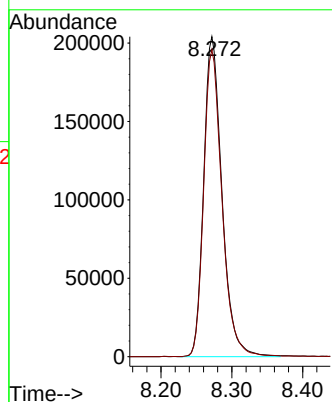
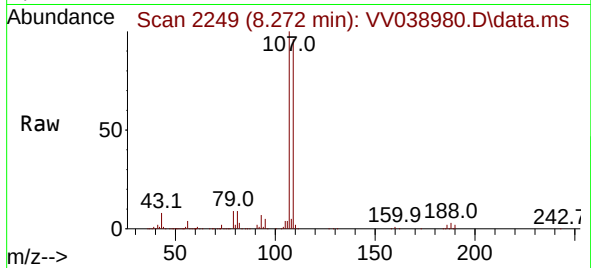




#61
1,2-Dibromoethane
Concen: 47.466 ug/l
RT: 8.272 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

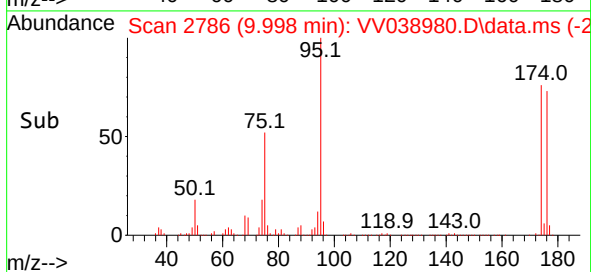
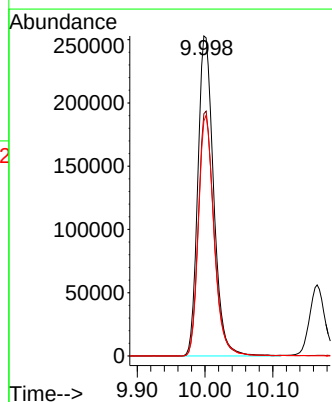
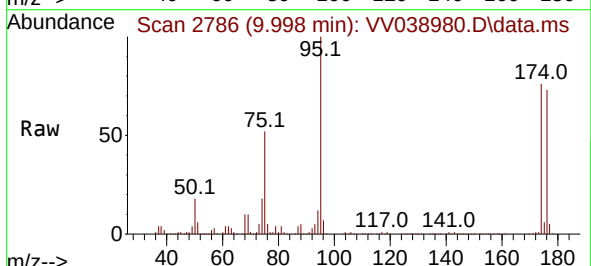
Instrument :
MSVOA_V
ClientSampleId :

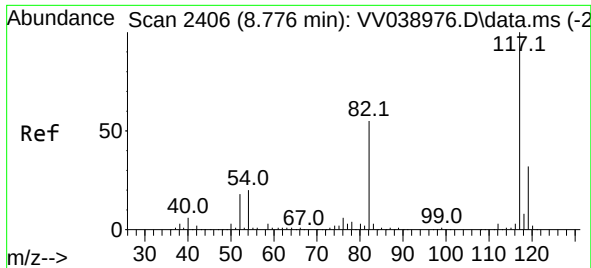
Tgt Ion:107 Resp: 365548
Ion Ratio Lower Upper
107 100
109 95.6 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 48.508 ug/l
RT: 9.998 min Scan# 2786
Delta R.T. -0.003 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

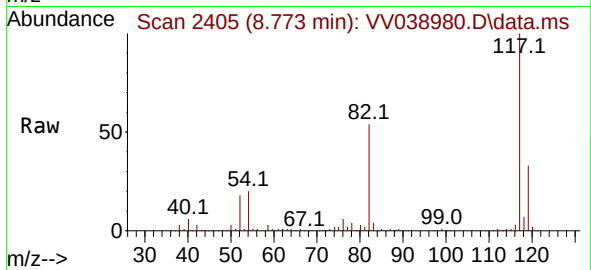
Tgt Ion: 95 Resp: 408953
Ion Ratio Lower Upper
95 100
174 75.6 0.0 154.4
176 73.9 0.0 148.6



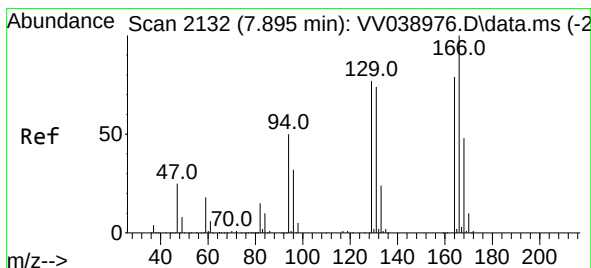
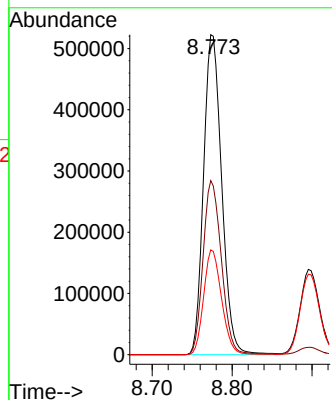
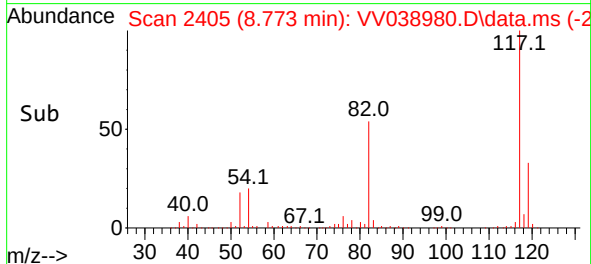


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Instrument :
MSVOA_V
ClientSampleId :

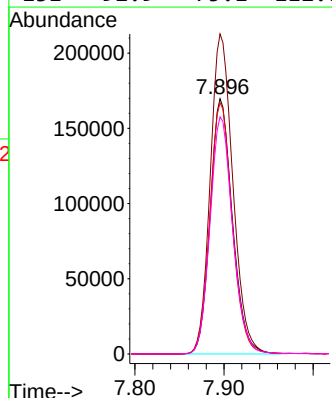
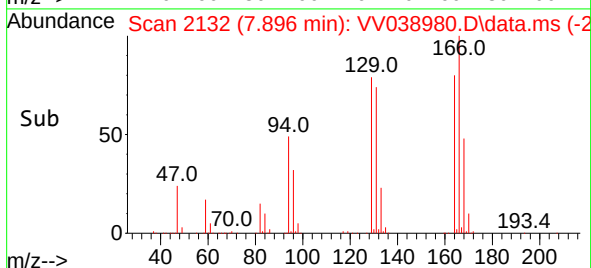
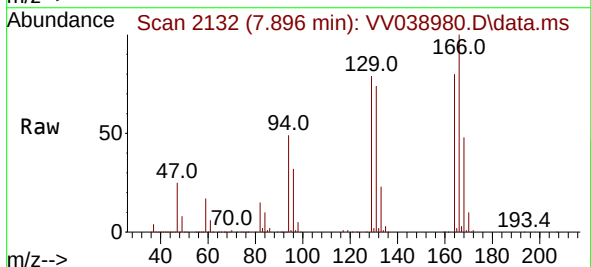


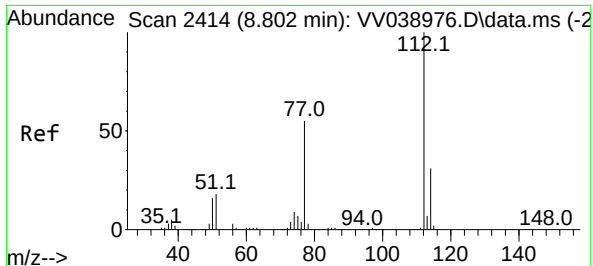
Tgt Ion:117 Resp: 827681
Ion Ratio Lower Upper
117 100
82 54.4 44.4 66.6
119 32.7 26.0 39.0



#64
Tetrachloroethene
Concen: 47.826 ug/l
RT: 7.896 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion:164 Resp: 294548
Ion Ratio Lower Upper
164 100
166 125.4 101.8 152.6
129 98.5 78.7 118.1
131 92.9 75.1 112.7

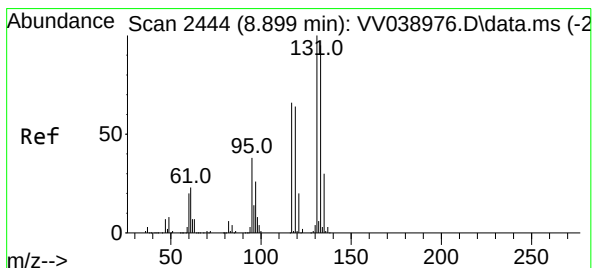
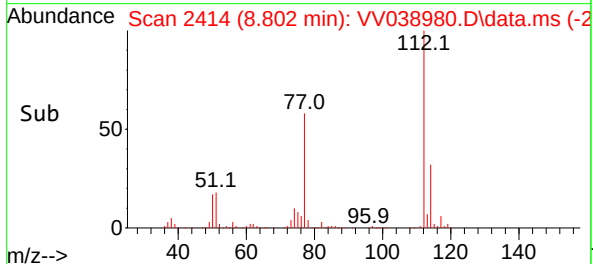
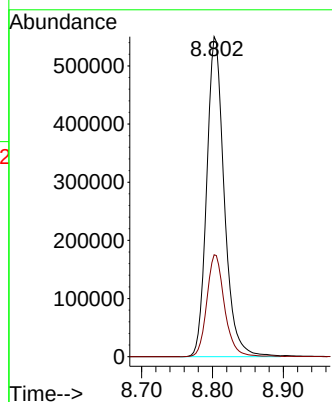
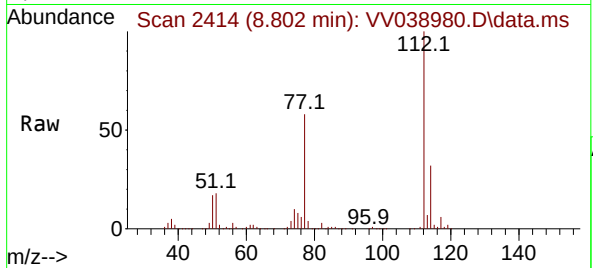




#65
Chlorobenzene
Concen: 47.369 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

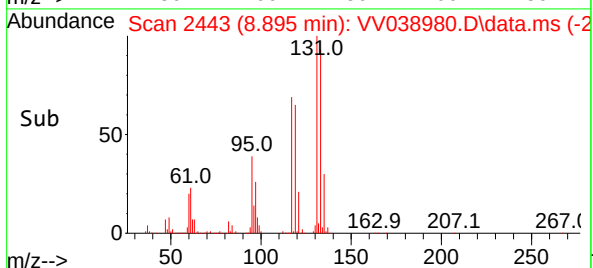
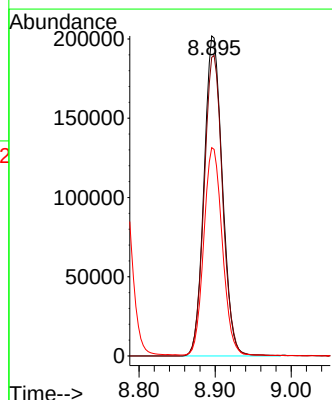
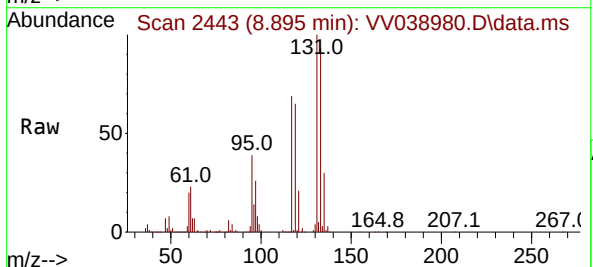
Instrument :
MSVOA_V
ClientSampleId :

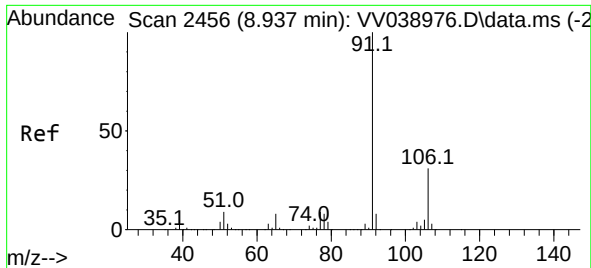
Tgt Ion:112 Resp: 945294
Ion Ratio Lower Upper
112 100
114 31.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 47.173 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.003 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion:131 Resp: 337941
Ion Ratio Lower Upper
131 100
133 94.9 47.6 142.9
119 65.4 32.1 96.3





#67

Ethyl Benzene

Concen: 52.378 ug/l

RT: 8.934 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

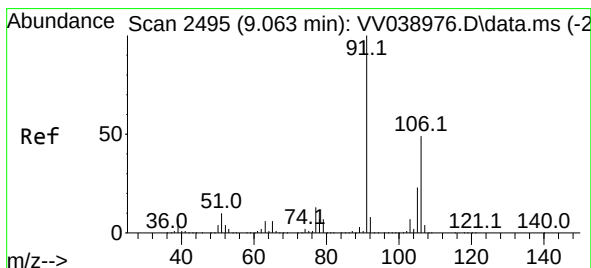
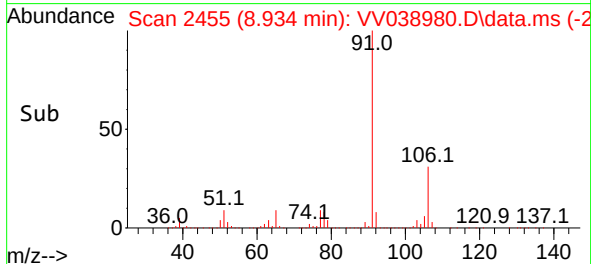
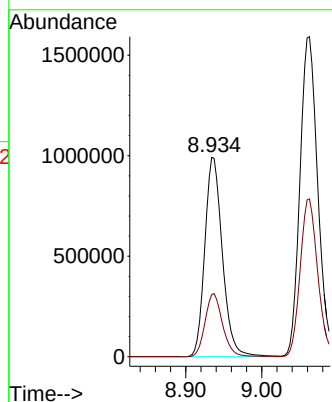
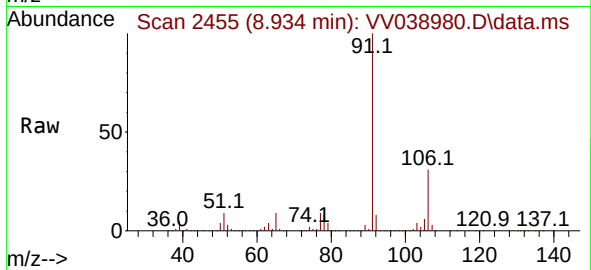
ClientSampleId :

Tgt Ion: 91 Resp: 1595682

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 107.238 ug/l

RT: 9.063 min Scan# 2495

Delta R.T. 0.000 min

Lab File: VV038980.D

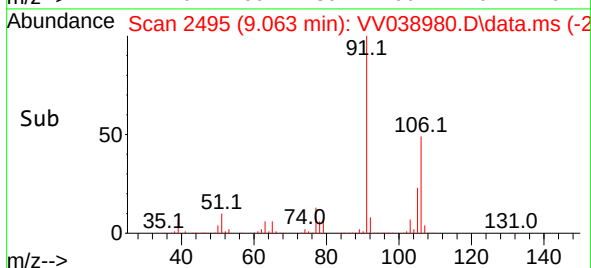
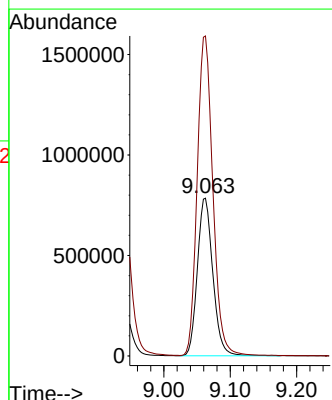
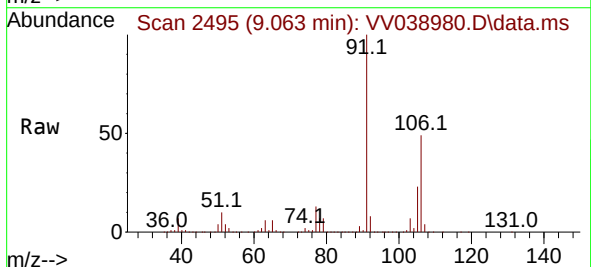
Acq: 21 Aug 2025 12:56

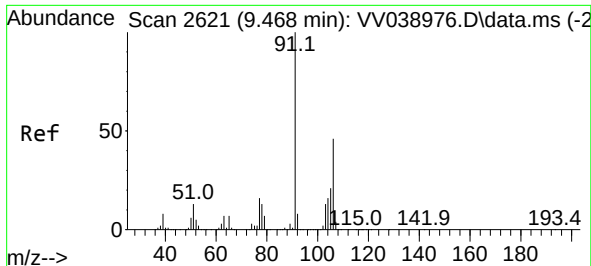
Tgt Ion:106 Resp: 1268818

Ion Ratio Lower Upper

106 100

91 205.4 163.6 245.4





#69

o-Xylene

Concen: 54.895 ug/l

RT: 9.468 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

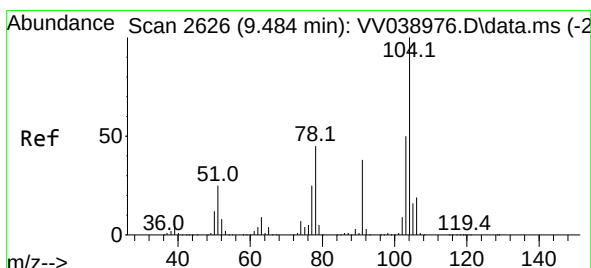
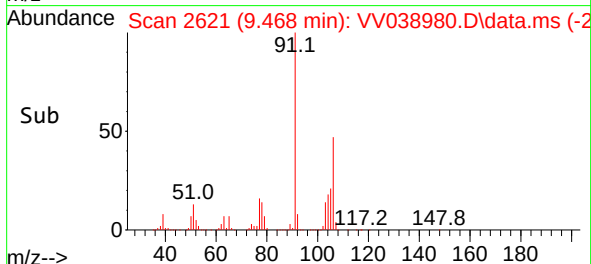
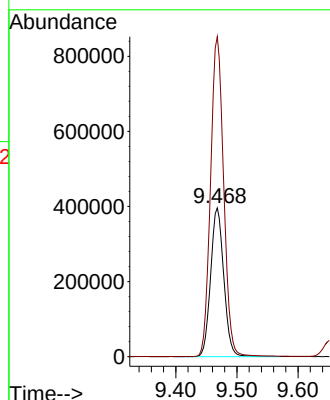
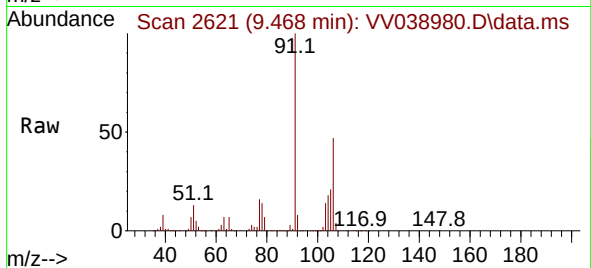
ClientSampleId :

Tgt Ion:106 Resp: 591993

Ion Ratio Lower Upper

106 100

91 215.4 108.0 324.0



#70

Styrene

Concen: 56.752 ug/l

RT: 9.484 min Scan# 2626

Delta R.T. -0.000 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

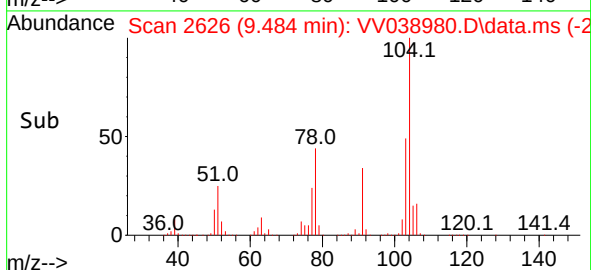
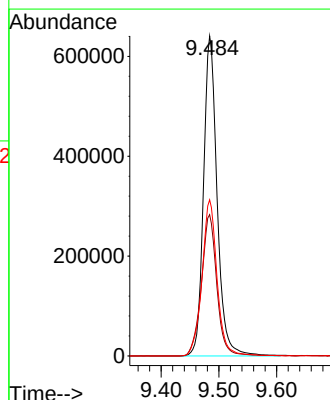
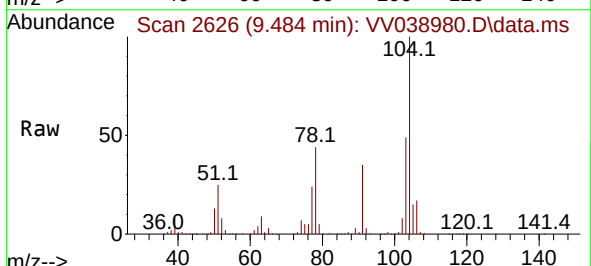
Tgt Ion:104 Resp: 1050003

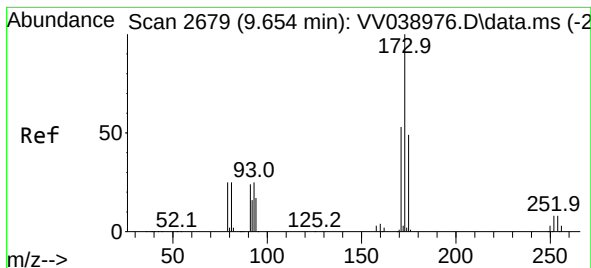
Ion Ratio Lower Upper

104 100

78 49.9 39.8 59.8

103 54.0 43.5 65.3





#71

Bromoform

Concen: 48.285 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

ClientSampleId :

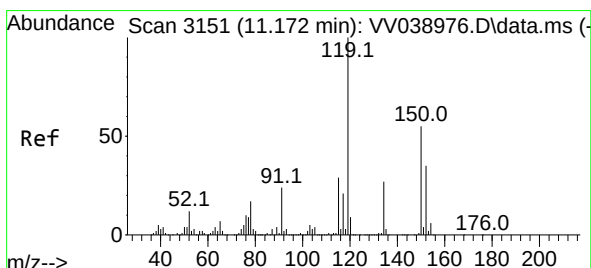
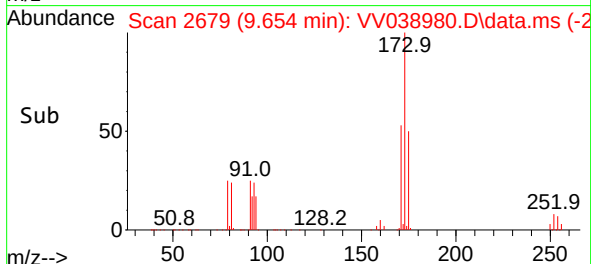
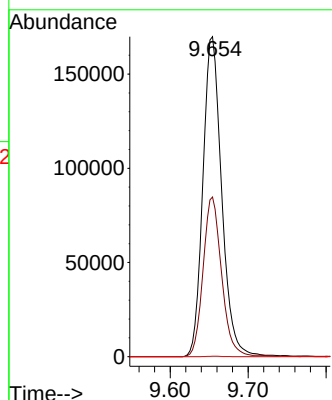
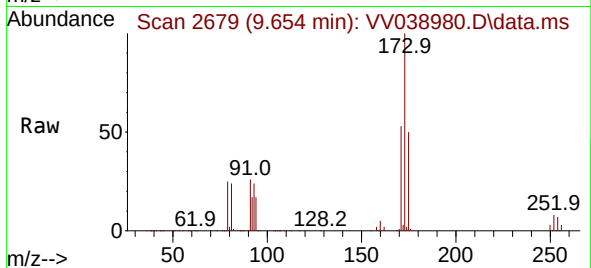
Tgt Ion:173 Resp: 284998

Ion Ratio Lower Upper

173 100

175 48.9 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: VV038980.D

Acq: 21 Aug 2025 12:56

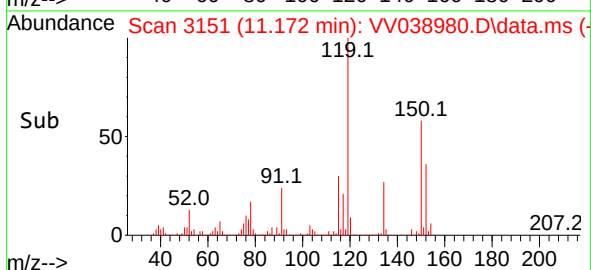
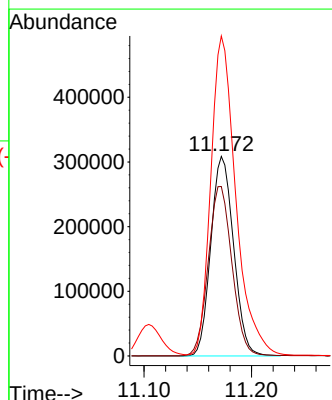
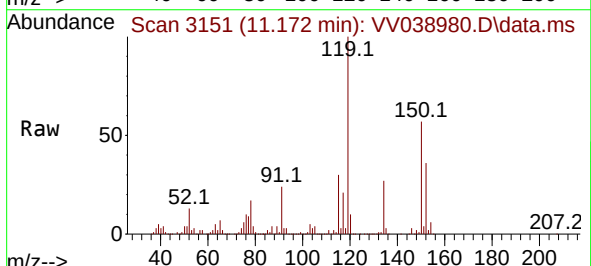
Tgt Ion:152 Resp: 454705

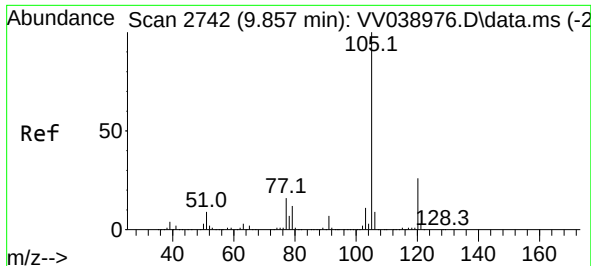
Ion Ratio Lower Upper

152 100

115 88.3 42.5 127.5

150 176.4 0.0 344.8

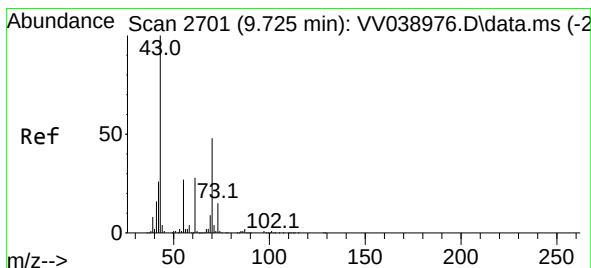
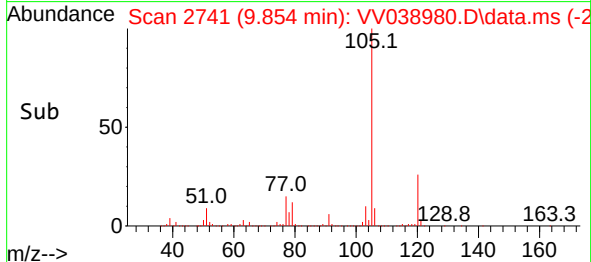
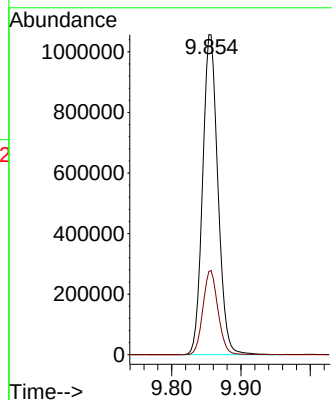
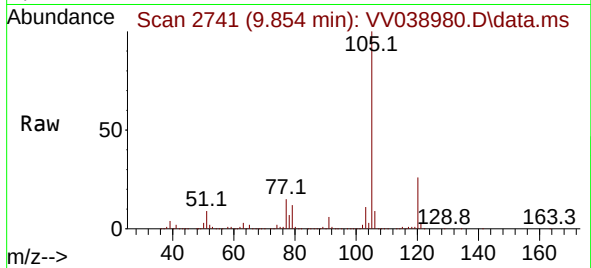




#73
Isopropylbenzene
Concen: 52.911 ug/l
RT: 9.854 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

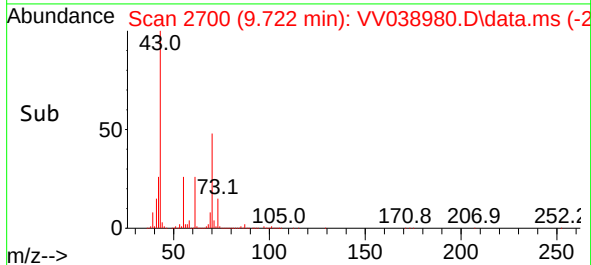
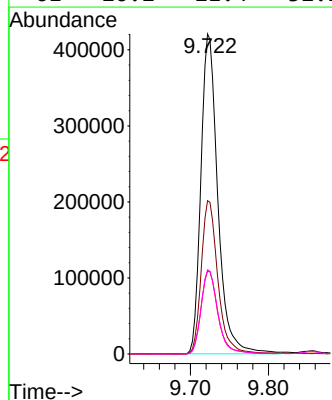
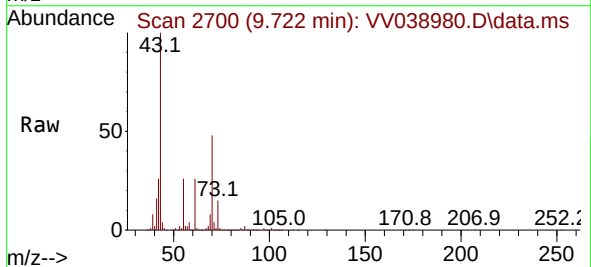
Instrument :
MSVOA_V
ClientSampleId :

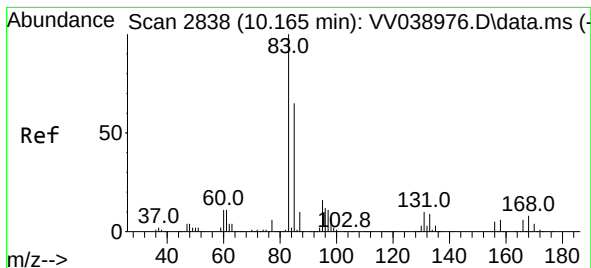
Tgt Ion:105 Resp: 1614424
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 56.749 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion: 43 Resp: 634384
Ion Ratio Lower Upper
43 100
70 47.1 38.3 57.5
55 26.0 21.6 32.4
61 26.2 21.4 32.2

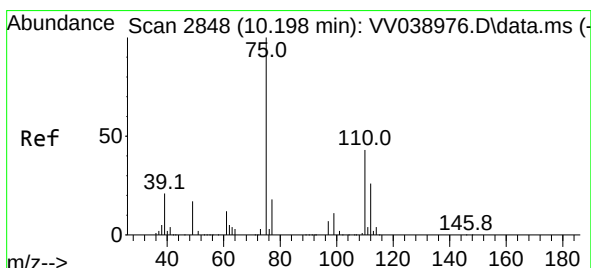
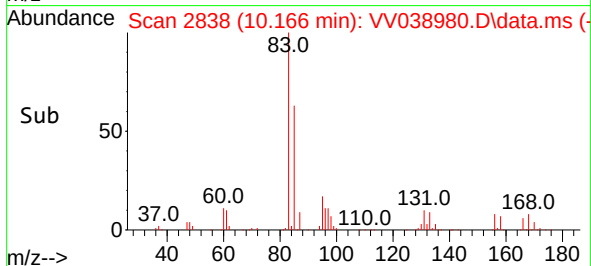
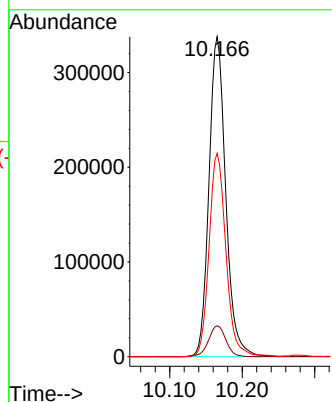
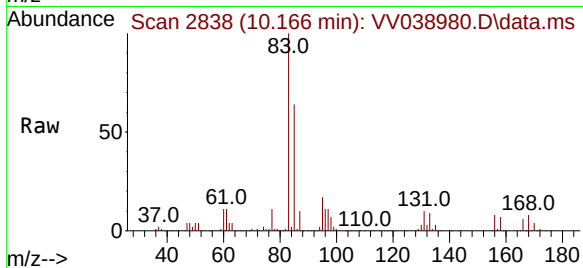




#75
 1,1,2,2-Tetrachloroethane
 Concen: 44.753 ug/l
 RT: 10.166 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV038980.D
 Acq: 21 Aug 2025 12:56

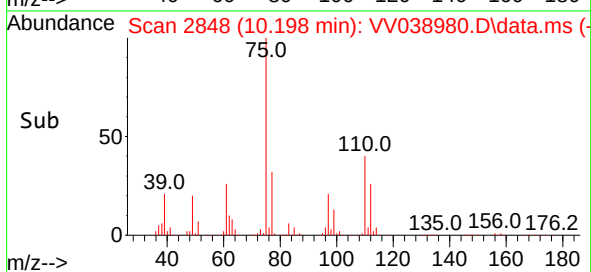
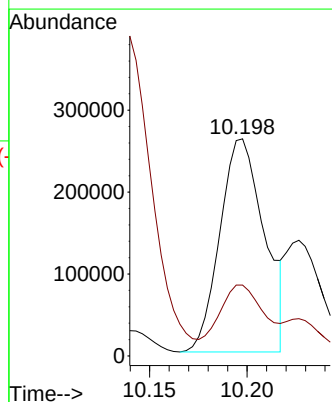
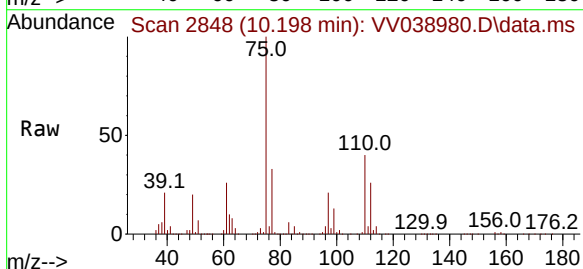
Instrument :
 MSVOA_V
 ClientSampleId :

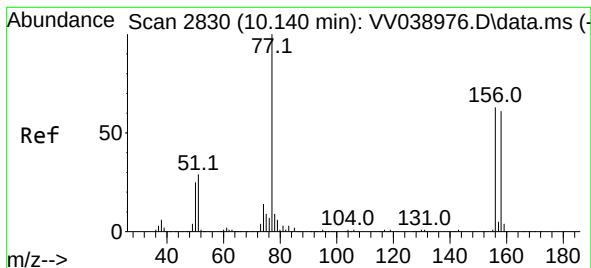
Tgt Ion: 83 Resp: 542309
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.3 15.9
 85 64.0 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 49.059 ug/l
 RT: 10.198 min Scan# 2848
 Delta R.T. 0.000 min
 Lab File: VV038980.D
 Acq: 21 Aug 2025 12:56

Tgt Ion: 75 Resp: 413770
 Ion Ratio Lower Upper
 75 100
 77 22.8 11.3 33.8





#77

Bromobenzene

Concen: 49.700 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

ClientSampleId :

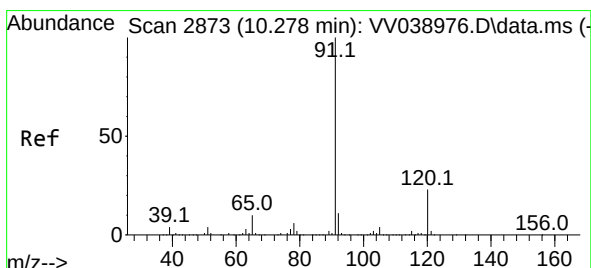
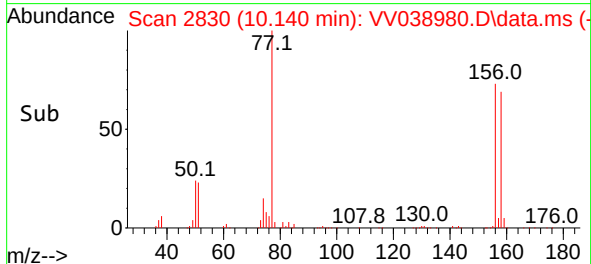
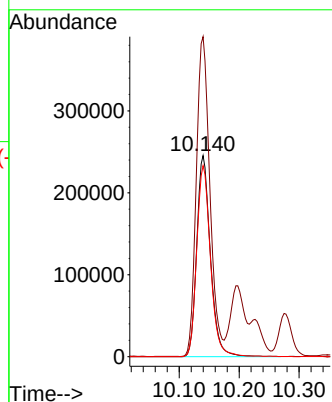
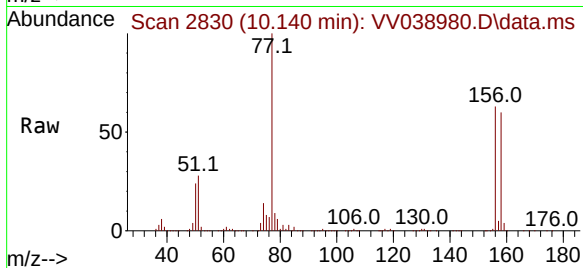
Tgt Ion:156 Resp: 389618

Ion Ratio Lower Upper

156 100

77 158.3 79.0 237.0

158 95.8 48.6 145.9



#78

n-propylbenzene

Concen: 53.456 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038980.D

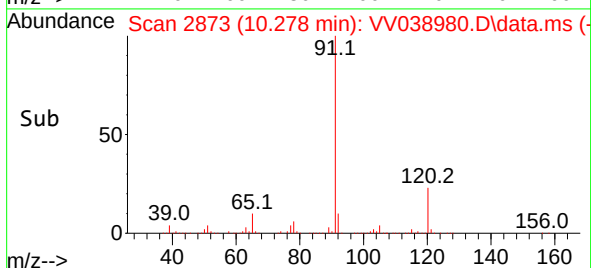
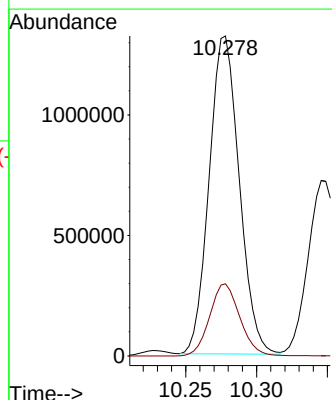
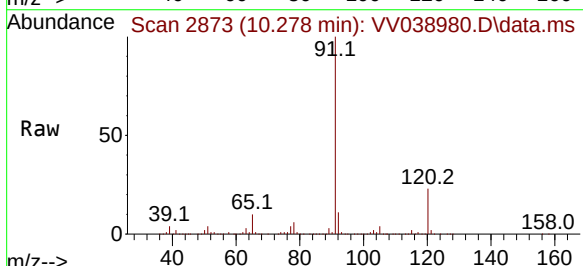
Acq: 21 Aug 2025 12:56

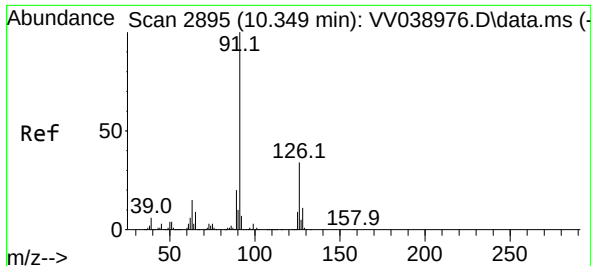
Tgt Ion: 91 Resp: 1947393

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

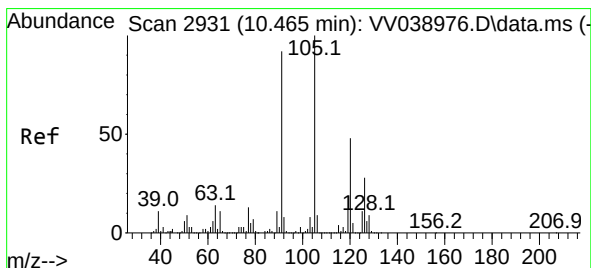
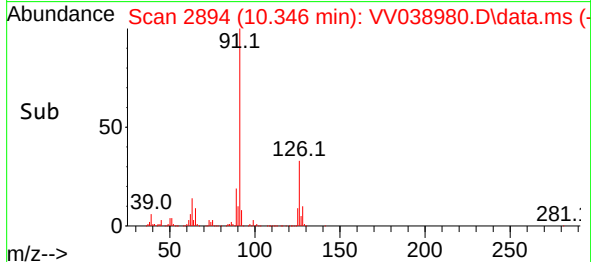
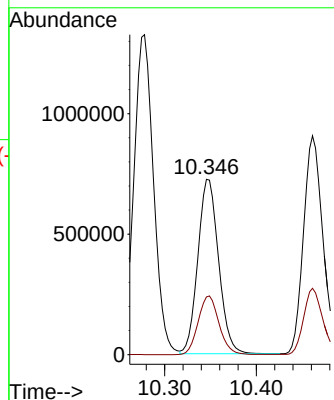
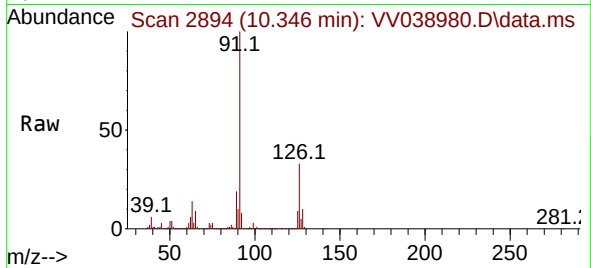




#79
2-Chlorotoluene
Concen: 51.894 ug/l
RT: 10.346 min Scan# 2894
Delta R.T. -0.003 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

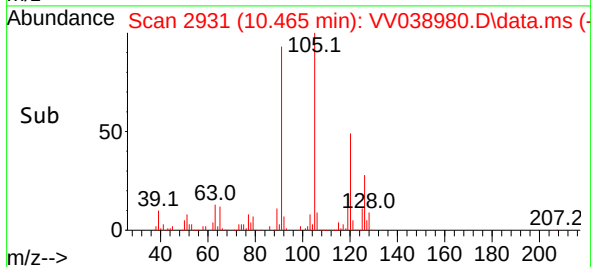
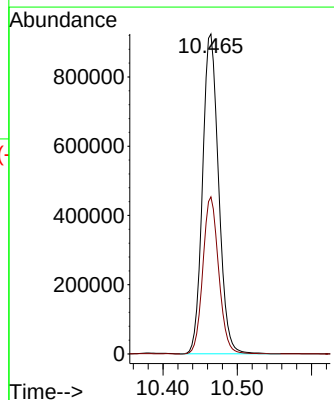
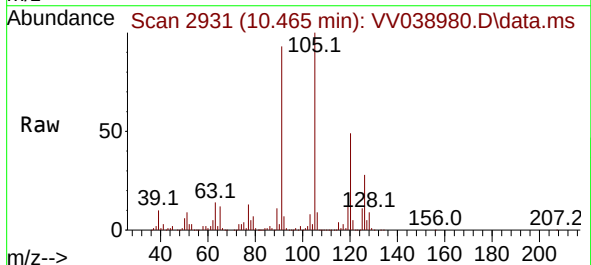
Instrument :
MSVOA_V
ClientSampleId :

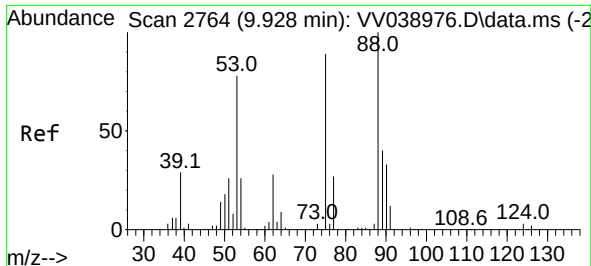
Tgt Ion: 91 Resp: 1135066
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 53.976 ug/l
RT: 10.465 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion:105 Resp: 1385983
Ion Ratio Lower Upper
105 100
120 48.5 23.9 71.7

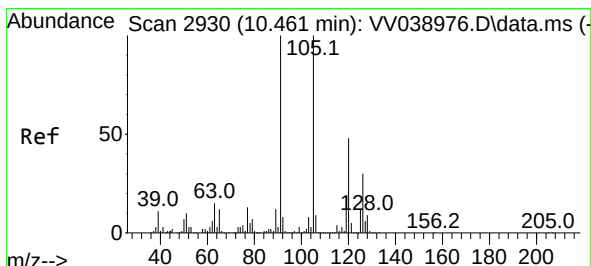
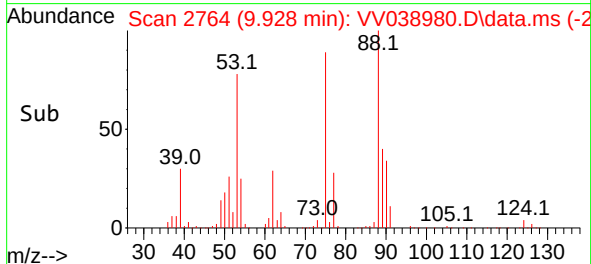
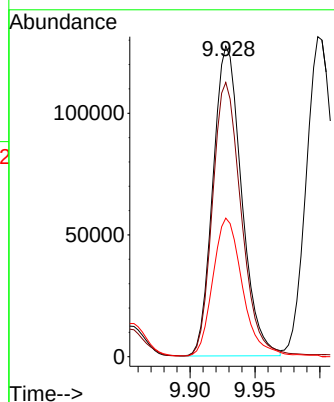
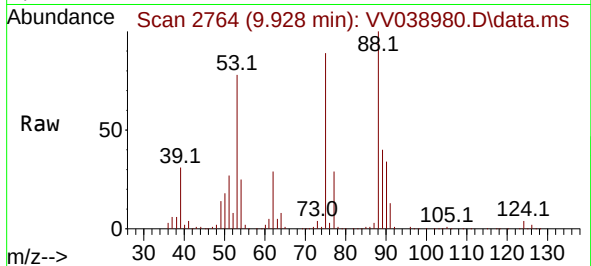




#81
trans-1,4-Dichloro-2-butene
Concen: 53.110 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

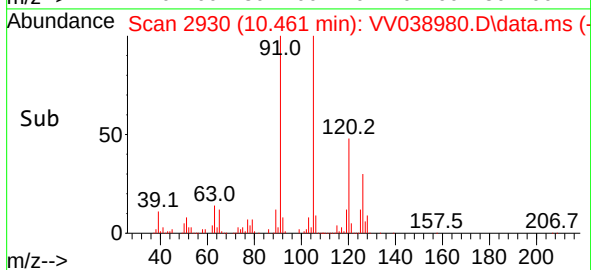
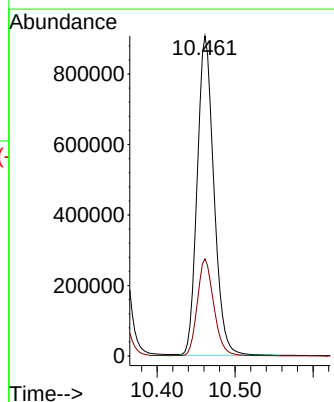
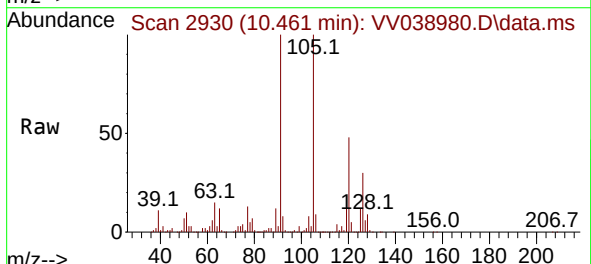
Instrument :
MSVOA_V
ClientSampleId :

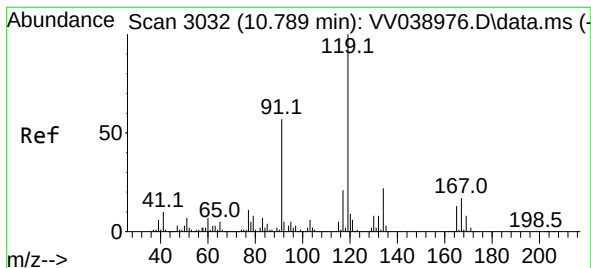
Tgt Ion: 75 Resp: 195104
Ion Ratio Lower Upper
75 100
53 88.7 70.3 105.5
89 46.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 53.411 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038980.D
Acq: 21 Aug 2025 12:56

Tgt Ion: 91 Resp: 1346502
Ion Ratio Lower Upper
91 100
126 29.7 14.9 44.5





#83

tert-Butylbenzene

Concen: 53.817 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

ClientSampleId :

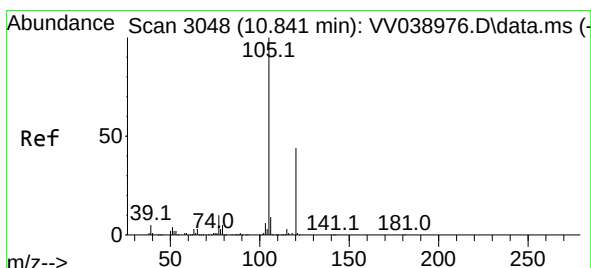
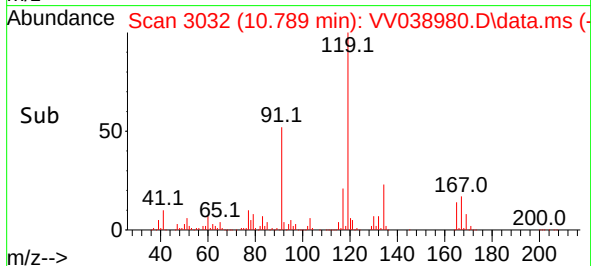
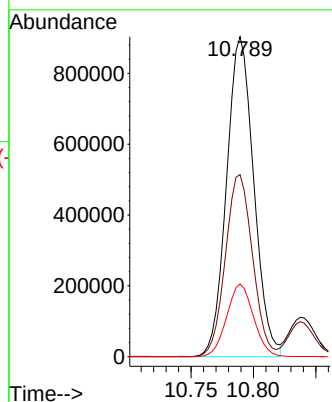
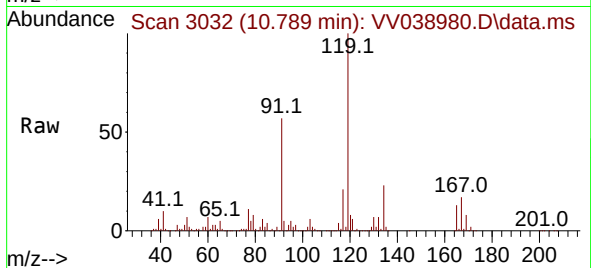
Tgt Ion:119 Resp: 1372168

Ion Ratio Lower Upper

119 100

91 56.7 28.4 85.3

134 22.5 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 56.349 ug/l

RT: 10.838 min Scan# 3047

Delta R.T. -0.003 min

Lab File: VV038980.D

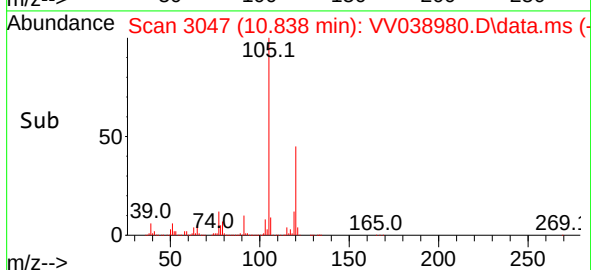
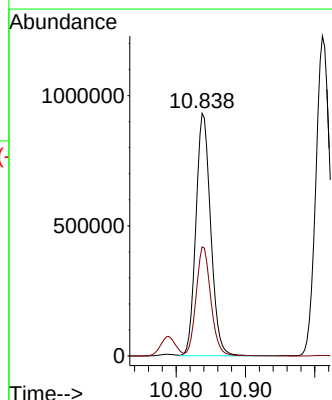
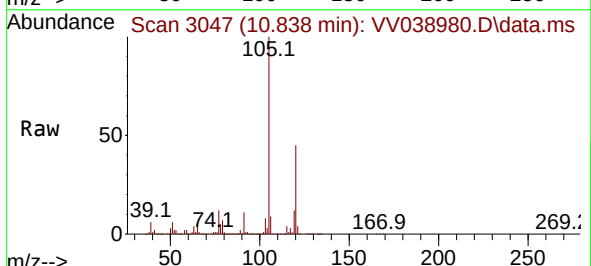
Acq: 21 Aug 2025 12:56

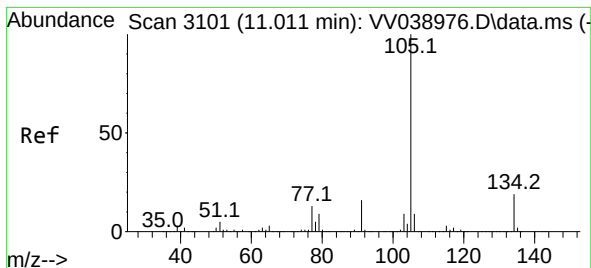
Tgt Ion:105 Resp: 1384661

Ion Ratio Lower Upper

105 100

120 44.6 22.8 68.3





#85

sec-Butylbenzene

Concen: 54.194 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

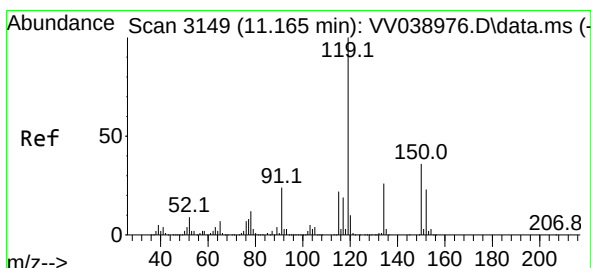
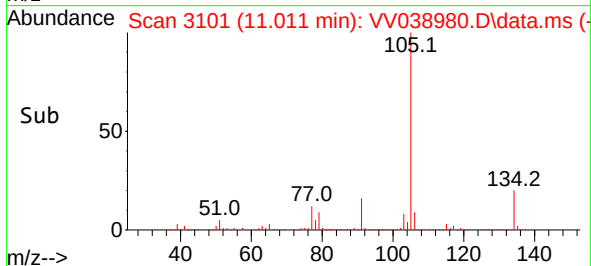
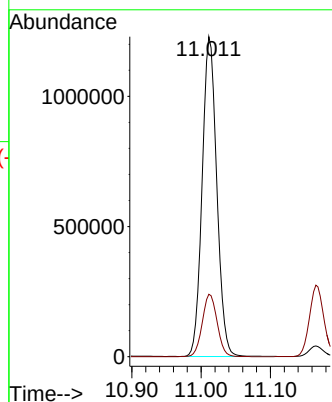
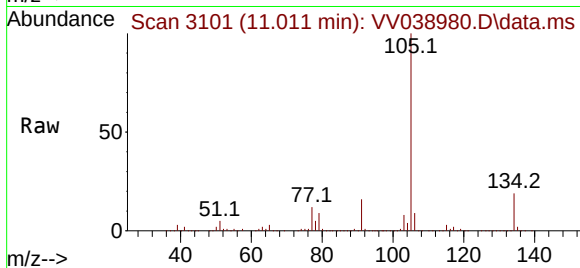
ClientSampleId :

Tgt Ion:105 Resp: 1797022

Ion Ratio Lower Upper

105 100

134 19.8 9.9 29.7



#86

p-Isopropyltoluene

Concen: 53.775 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

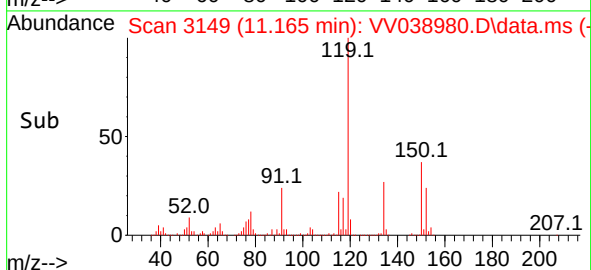
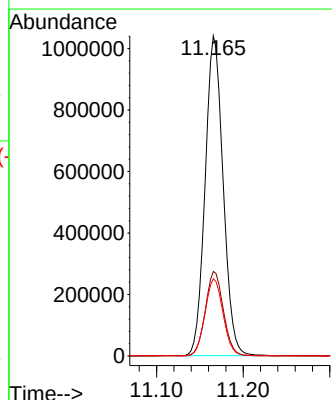
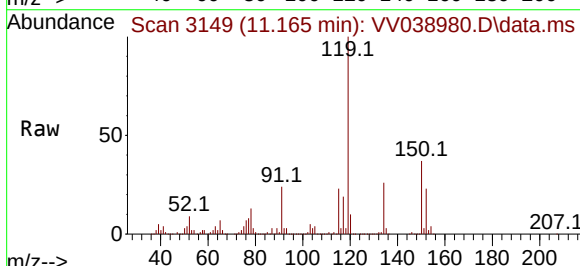
Tgt Ion:119 Resp: 1501670

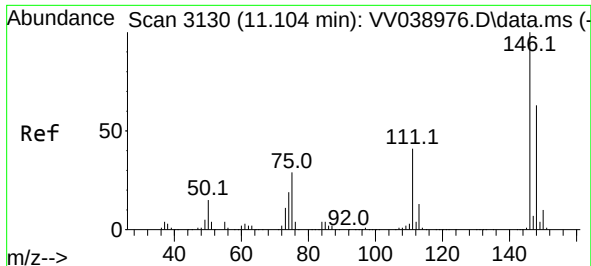
Ion Ratio Lower Upper

119 100

134 26.5 13.0 38.9

91 24.2 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 49.478 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. 0.000 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

ClientSampleId :

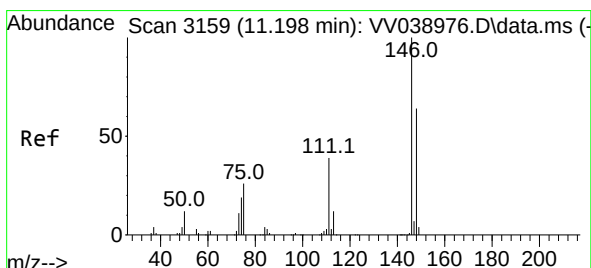
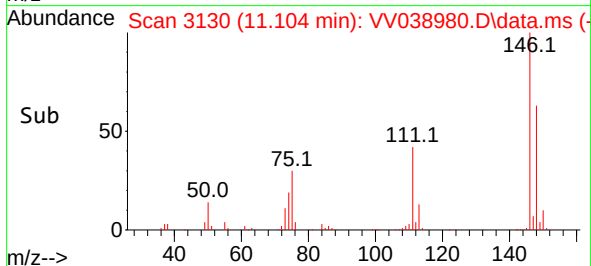
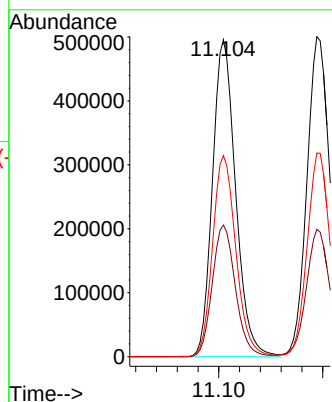
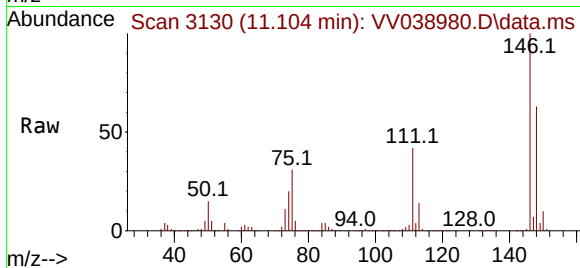
Tgt Ion:146 Resp: 765914

Ion Ratio Lower Upper

146 100

111 41.5 20.5 61.6

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.896 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. -0.003 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

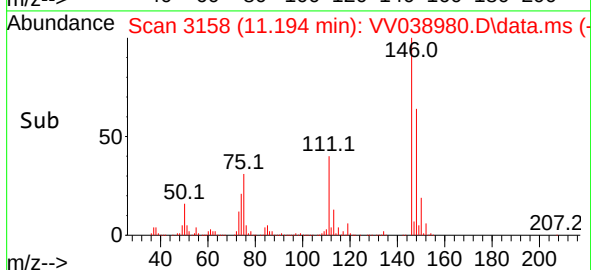
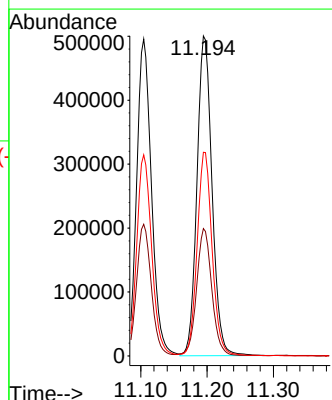
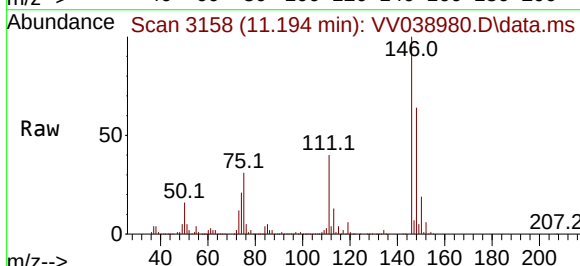
Tgt Ion:146 Resp: 790885

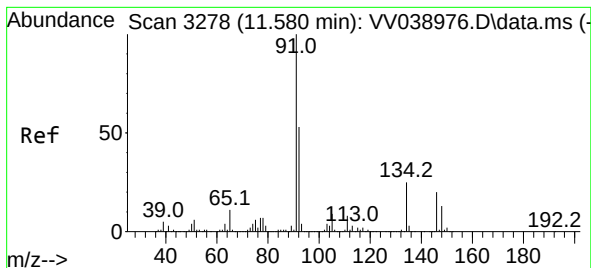
Ion Ratio Lower Upper

146 100

111 40.1 20.0 60.0

148 63.2 31.8 95.3





#89

n-Butylbenzene

Concen: 53.170 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

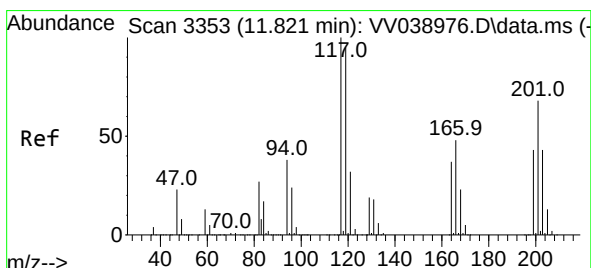
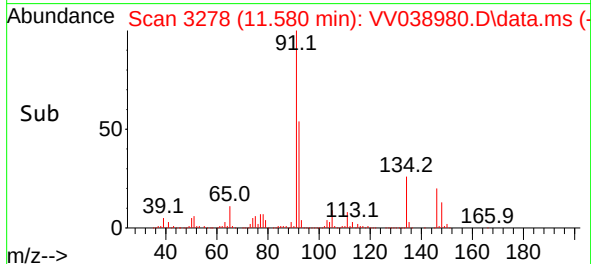
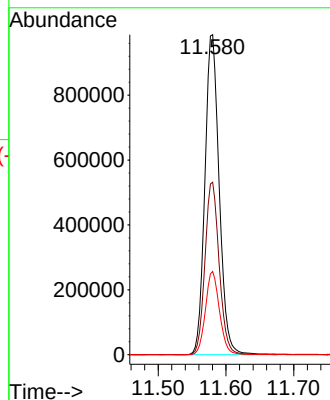
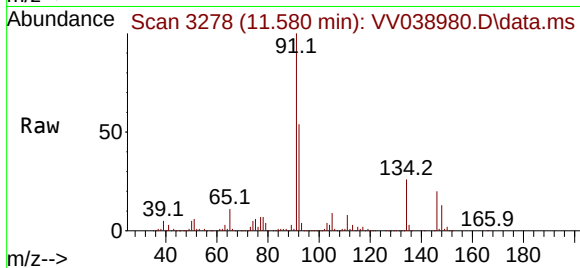
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 91 Resp: 1446548

Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.5	79.5
134	25.6	12.6	37.8



#90

Hexachloroethane

Concen: 45.178 ug/l

RT: 11.821 min Scan# 3353

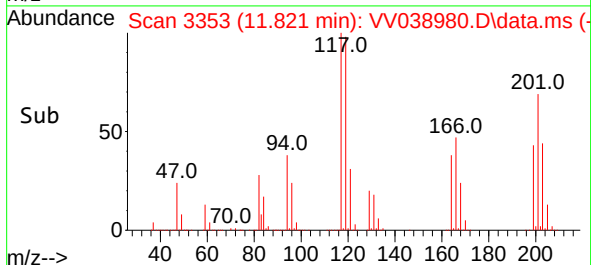
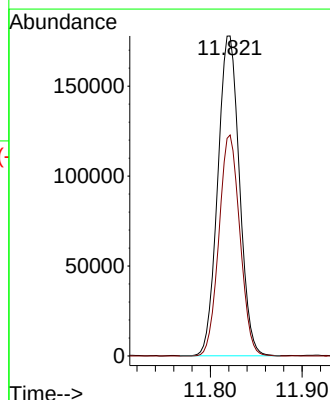
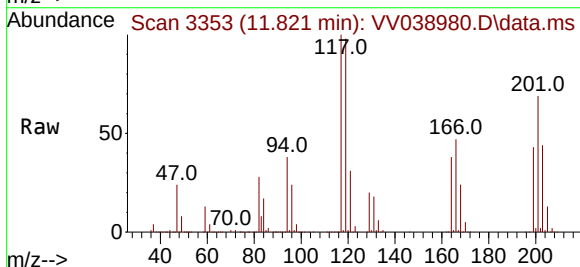
Delta R.T. 0.000 min

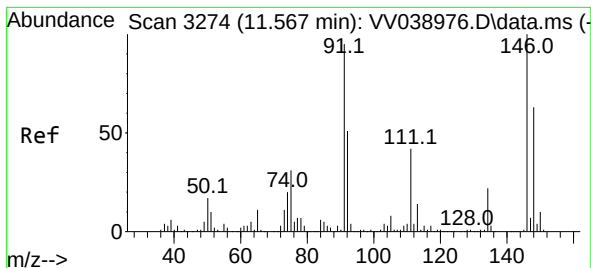
Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Tgt Ion: 117 Resp: 291559

Ion	Ratio	Lower	Upper
117	100		
201	67.0	33.7	101.0





#91

1,2-Dichlorobenzene

Concen: 49.400 ug/l

RT: 11.567 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

ClientSampleId :

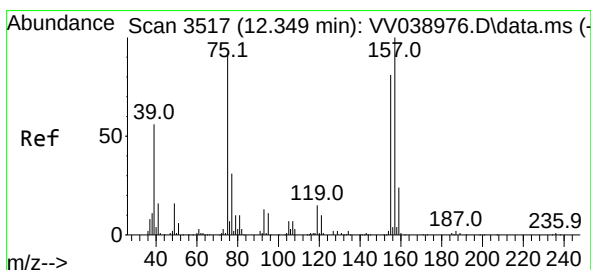
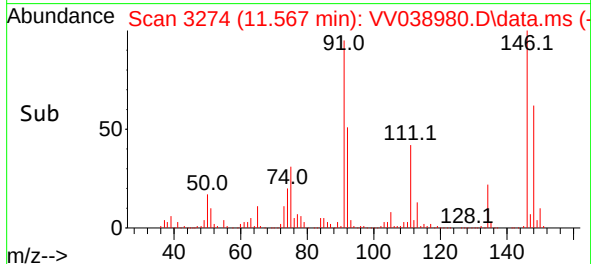
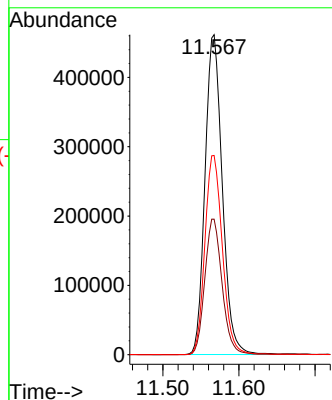
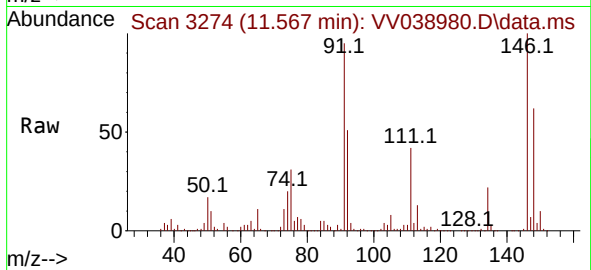
Tgt Ion:146 Resp: 729176

Ion Ratio Lower Upper

146 100

111 42.5 21.1 63.4

148 63.1 31.9 95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.973 ug/l

RT: 12.352 min Scan# 3518

Delta R.T. 0.003 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

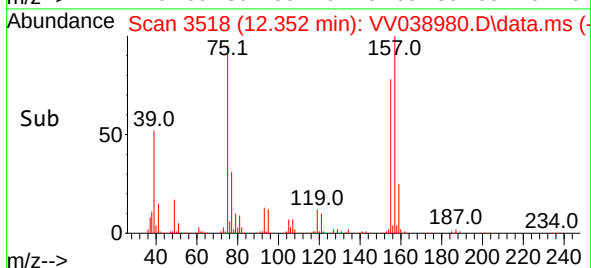
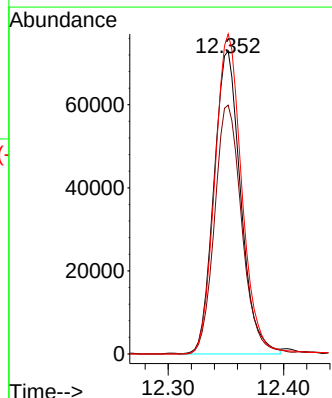
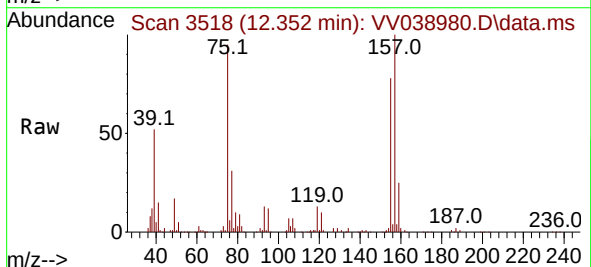
Tgt Ion: 75 Resp: 117774

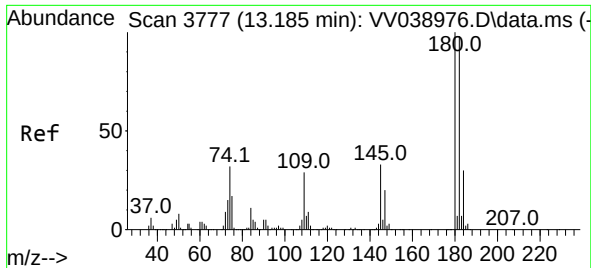
Ion Ratio Lower Upper

75 100

155 83.3 43.7 131.1

157 106.7 54.1 162.3

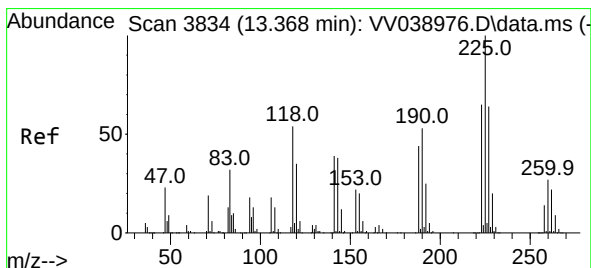
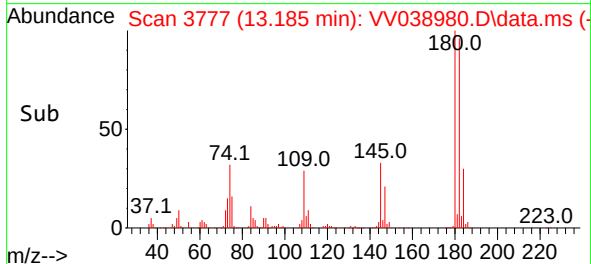
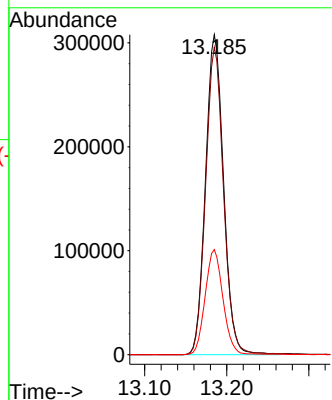
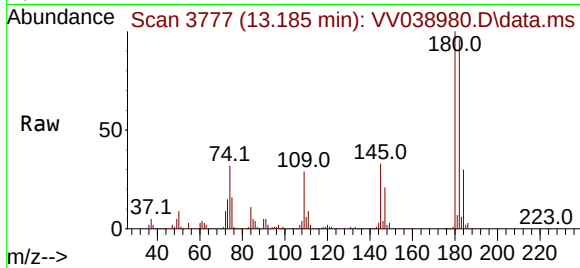




#93
 1,2,4-Trichlorobenzene
 Concen: 53.420 ug/l
 RT: 13.185 min Scan# 3777
 Delta R.T. 0.000 min
 Lab File: VV038980.D
 Acq: 21 Aug 2025 12:56

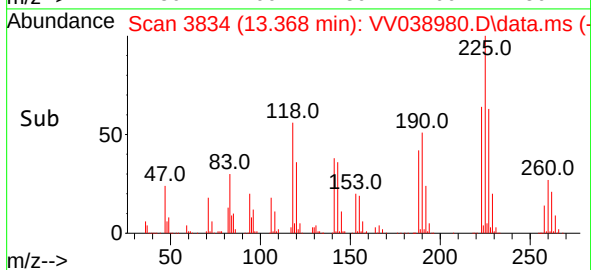
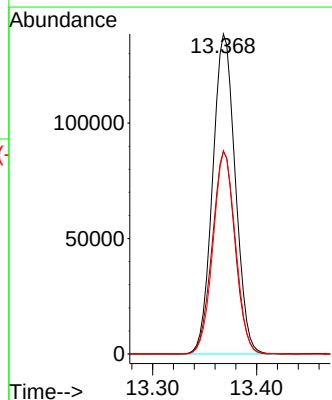
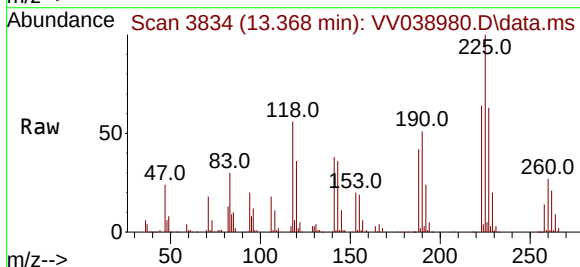
Instrument :
 MSVOA_V
 ClientSampleId :

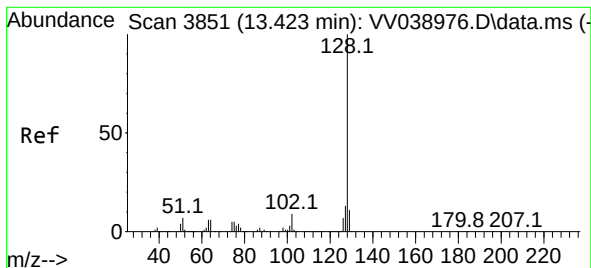
Tgt Ion:180 Resp: 470541
 Ion Ratio Lower Upper
 180 100
 182 95.6 47.3 142.0
 145 32.5 16.3 48.8



#94
 Hexachlorobutadiene
 Concen: 46.202 ug/l
 RT: 13.368 min Scan# 3834
 Delta R.T. 0.000 min
 Lab File: VV038980.D
 Acq: 21 Aug 2025 12:56

Tgt Ion:225 Resp: 209798
 Ion Ratio Lower Upper
 225 100
 223 63.6 31.9 95.7
 227 62.7 30.8 92.3





#95

Naphthalene

Concen: 58.733 ug/l

RT: 13.423 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Instrument :

MSVOA_V

ClientSampleId :

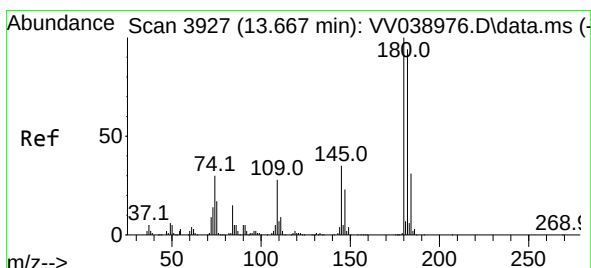
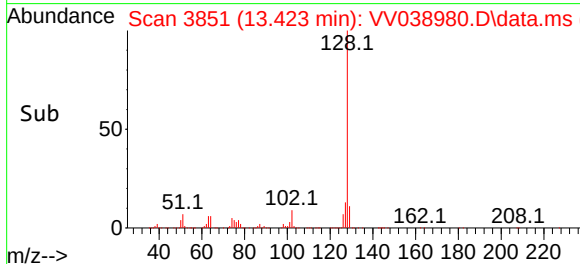
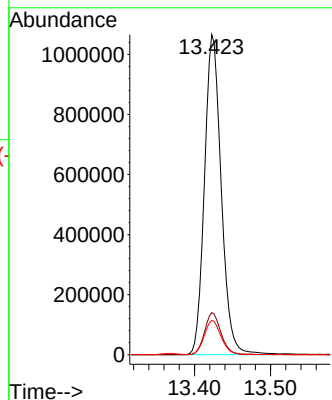
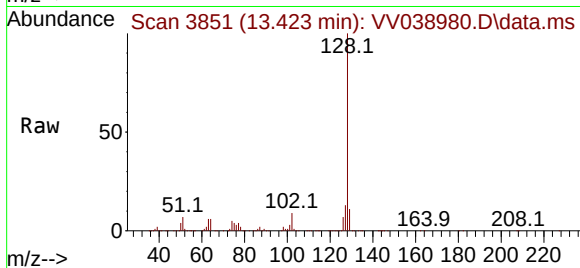
Tgt Ion:128 Resp: 1632588

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 10.7 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 48.069 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. -0.003 min

Lab File: VV038980.D

Acq: 21 Aug 2025 12:56

Tgt Ion:180 Resp: 426932

Ion Ratio Lower Upper

180 100

182 94.9 47.0 141.0

145 35.0 17.3 52.0

