

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV082125\
 Data File : VV039007.D
 Acq On : 22 Aug 2025 01:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 22 06:14:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 04:15:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	603405	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	983404	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.776	117	917500	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	479428	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.940	65	375716	44.375	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	88.760%
35) Dibromofluoromethane	4.503	113	323199	43.823	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	87.640%
50) Toluene-d8	7.236	98	1167068	45.381	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	90.760%
62) 4-Bromofluorobenzene	10.001	95	459116	48.801	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	97.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	331808	36.785	ug/l	98
3) Chloromethane	1.227	50	276184	29.642	ug/l	99
4) Vinyl Chloride	1.294	62	336500	34.228	ug/l	93
5) Bromomethane	1.494	94	159476	30.016	ug/l	99
6) Chloroethane	1.558	64	210915	42.102	ug/l	99
7) Trichlorofluoromethane	1.725	101	593093	44.037	ug/l	100
8) Diethyl Ether	1.915	74	199329	48.127	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	324636	43.668	ug/l	98
10) Methyl Iodide	2.195	142	363653	39.318	ug/l	97
11) Tert butyl alcohol	2.561	59	339170	295.971	ug/l	100
12) 1,1-Dichloroethene	2.079	96	321500	46.947	ug/l	99
13) Acrolein	2.008	56	84236	225.054	ug/l	97
14) Allyl chloride	2.359	41	427510	46.755	ug/l	97
15) Acrylonitrile	2.670	53	839789	242.488	ug/l	99
16) Acetone	2.117	43	683037	200.999	ug/l	99
17) Carbon Disulfide	2.252	76	873305	45.849	ug/l	100
18) Methyl Acetate	2.378	43	357695	49.661	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	1087418	53.701	ug/l	99
20) Methylene Chloride	2.455	84	347619	44.019	ug/l	98
21) trans-1,2-Dichloroethene	2.703	96	342822	48.063	ug/l	100
22) Diisopropyl ether	3.211	45	897507	44.707	ug/l	99
23) Vinyl Acetate	3.185	43	3838658	238.304	ug/l	100
24) 1,1-Dichloroethane	3.117	63	564145	42.423	ug/l	99
25) 2-Butanone	3.857	43	1036758	234.484	ug/l	97
26) 2,2-Dichloropropane	3.812	77	424763	33.297	ug/l	98
27) cis-1,2-Dichloroethene	3.818	96	401588	46.647	ug/l	98
28) Bromochloromethane	4.146	49	130249	46.608	ug/l	99
29) Tetrahydrofuran	4.227	42	676134	229.085	ug/l	99
30) Chloroform	4.278	83	642200	42.260	ug/l	99
31) Cyclohexane	4.584	56	516310	43.516	ug/l	99
32) 1,1,1-Trichloroethane	4.513	97	605247	42.393	ug/l	99
36) 1,1-Dichloropropene	4.744	75	428069	44.694	ug/l	99
37) Ethyl Acetate	3.969	43	417125	44.576	ug/l	97
38) Carbon Tetrachloride	4.735	117	538747	42.004	ug/l	99
39) Methylcyclohexane	6.047	83	596457	48.738	ug/l	98
40) Benzene	5.008	78	1394853	46.498	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	194771	55.236	ug/l	94
42) 1,2-Dichloroethane	5.040	62	464085	42.317	ug/l	99
43) Isopropyl Acetate	5.188	43	690803	48.381	ug/l	99
44) Trichloroethene	5.831	130	378043	46.459	ug/l	99
45) 1,2-Dichloropropane	6.088	63	315480	43.851	ug/l	100
46) Dibromomethane	6.223	93	257612	42.674	ug/l	99
47) Bromodichloromethane	6.426	83	516775	42.062	ug/l	100
48) Methyl methacrylate	6.294	41	328403	51.309	ug/l	97
49) 1,4-Dioxane	6.284	88	120513	1126.074	ug/l	98
51) 4-Methyl-2-Pentanone	7.143	43	2191163	233.720	ug/l	97
52) Toluene	7.307	92	1124446	59.186	ug/l	99
53) t-1,3-Dichloropropene	7.574	75	529577	46.109	ug/l	99
54) cis-1,3-Dichloropropene	6.947	75	552240	46.406	ug/l	98
55) 1,1,2-Trichloroethane	7.760	97	349631	42.208	ug/l	97
56) Ethyl methacrylate	7.712	69	555372	44.339	ug/l	96
57) 1,3-Dichloropropane	7.934	76	569711	44.107	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	1314131	226.517	ug/l	99
59) 2-Hexanone	8.063	43	1646880	183.281	ug/l	97
60) Dibromochloromethane	8.169	129	431314	43.122	ug/l	99
61) 1,2-Dibromoethane	8.272	107	383676	44.645	ug/l	100
64) Tetrachloroethene	7.895	164	328507	48.119	ug/l	100
65) Chlorobenzene	8.802	112	1011998	45.747	ug/l	98
66) 1,1,1,2-Tetrachloroethane	8.899	131	367765	46.311	ug/l	99
67) Ethyl Benzene	8.937	91	1763357	52.215	ug/l	100
68) m/p-Xylenes	9.062	106	1391616	106.102	ug/l	98
69) o-Xylene	9.468	106	666602	55.762	ug/l	99
70) Styrene	9.484	104	1228204	59.885	ug/l	99
71) Bromoform	9.654	173	315872	48.277	ug/l	98
73) Isopropylbenzene	9.857	105	1745278	54.250	ug/l	100
74) N-amyl acetate	9.722	43	632173	53.635	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.165	83	540646	42.315	ug/l	99
76) 1,2,3-Trichloropropane	10.197	75	412075	46.338	ug/l	100
77) Bromobenzene	10.140	156	426726	51.626	ug/l	96
78) n-propylbenzene	10.278	91	2008198	52.283	ug/l	99
79) 2-Chlorotoluene	10.349	91	1204486	52.228	ug/l	100
80) 1,3,5-Trimethylbenzene	10.464	105	1474146	54.449	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	181124	46.762	ug/l	98
82) 4-Chlorotoluene	10.461	91	1419177	53.391	ug/l	99
83) tert-Butylbenzene	10.789	119	1494191	55.581	ug/l	99
84) 1,2,4-Trimethylbenzene	10.837	105	1486687	57.382	ug/l	98
85) sec-Butylbenzene	11.011	105	1859592	53.189	ug/l	99
86) p-Isopropyltoluene	11.165	119	1571597	53.377	ug/l	100
87) 1,3-Dichlorobenzene	11.104	146	798454	48.920	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	807966	46.407	ug/l	99
89) n-Butylbenzene	11.580	91	1428532	49.800	ug/l	98
90) Hexachloroethane	11.821	117	289961	42.613	ug/l	92
91) 1,2-Dichlorobenzene	11.567	146	771155	49.550	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	123854	49.843	ug/l	94
93) 1,2,4-Trichlorobenzene	13.185	180	526994	56.744	ug/l	100
94) Hexachlorobutadiene	13.368	225	228324	47.689	ug/l	98
95) Naphthalene	13.422	128	3036203	103.596	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	529197	56.511	ug/l	99

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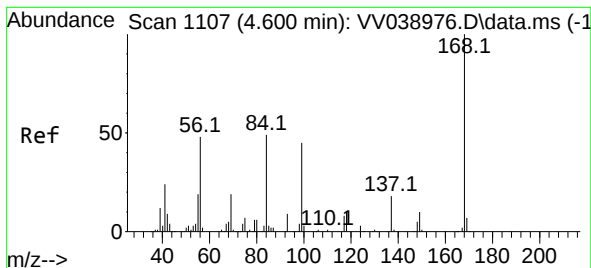
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 1107

Delta R.T. -0.000 min

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Instrument :

MSVOA_V

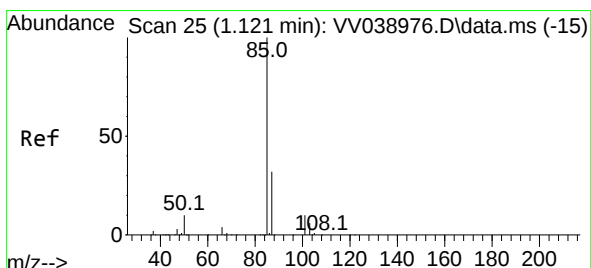
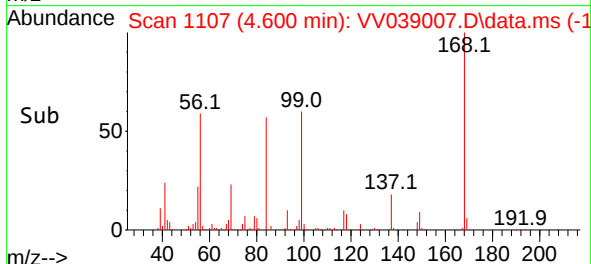
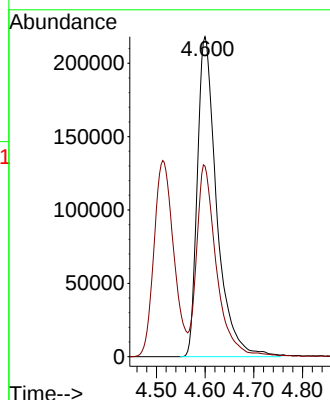
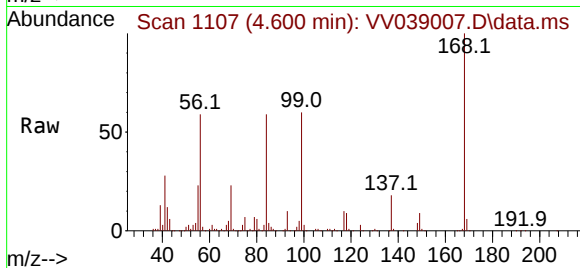
ClientSampleId :

Tgt Ion:168 Resp: 603405

Ion Ratio Lower Upper

168 100

99 59.2 47.0 70.6



#2

Dichlorodifluoromethane

Concen: 36.785 ug/l

RT: 1.121 min Scan# 25

Delta R.T. -0.000 min

Lab File: VV039007.D

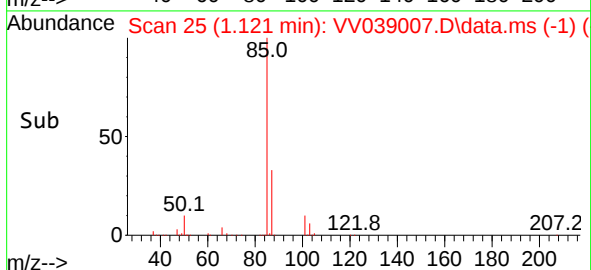
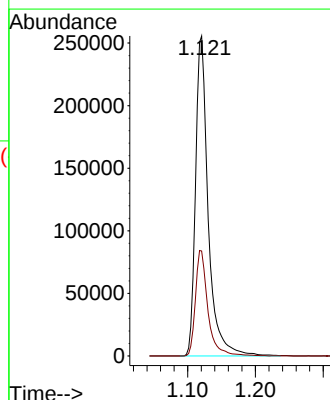
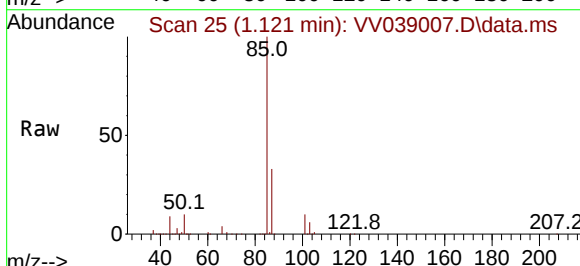
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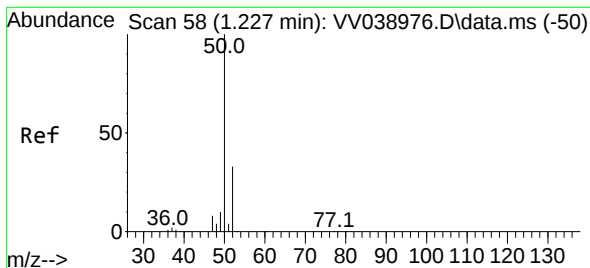
Tgt Ion: 85 Resp: 331808

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.3





#3

Chloromethane

Concen: 29.642 ug/l

RT: 1.227 min Scan# 58

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Instrument :

MSVOA_V

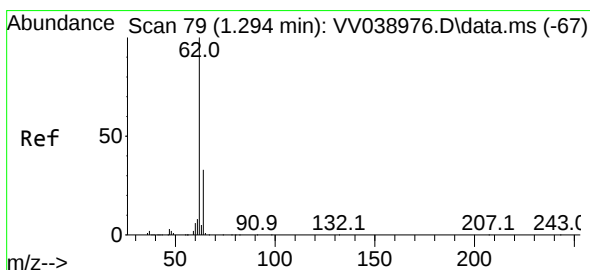
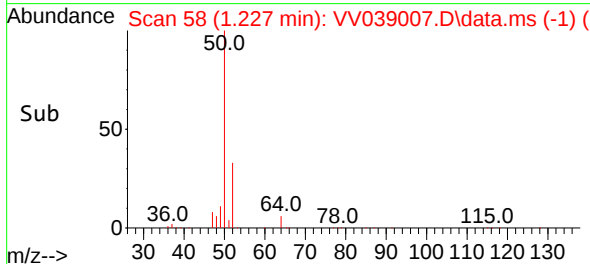
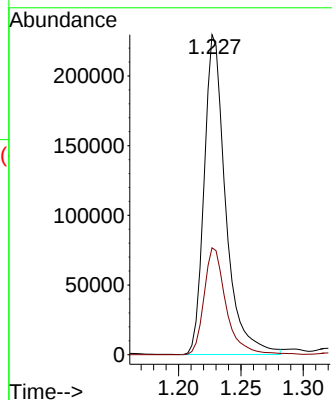
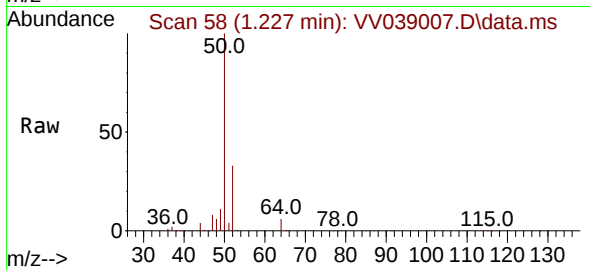
ClientSampleId :

Tgt Ion: 50 Resp: 276184

Ion Ratio Lower Upper

50 100

52 33.4 26.2 39.2



#4

Vinyl Chloride

Concen: 34.228 ug/l

RT: 1.294 min Scan# 79

Delta R.T. -0.000 min

Lab File: VV039007.D

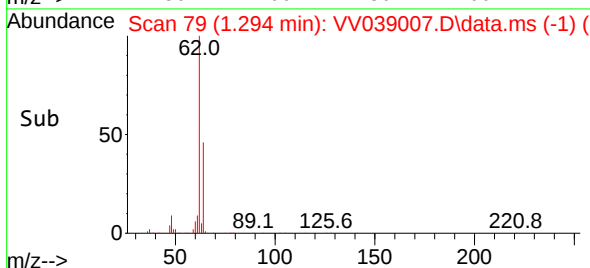
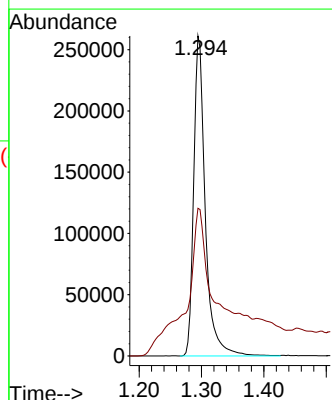
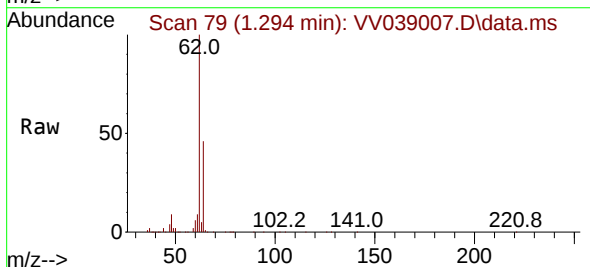
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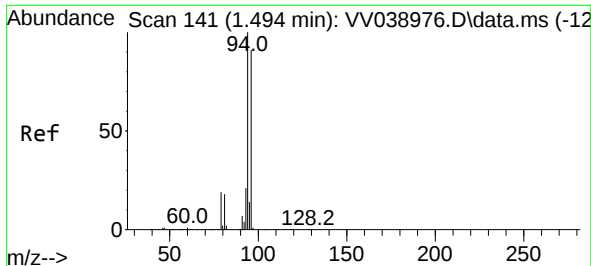
Tgt Ion: 62 Resp: 336500

Ion Ratio Lower Upper

62 100

64 37.2 26.4 39.6

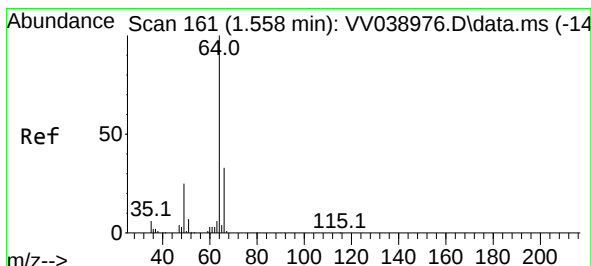
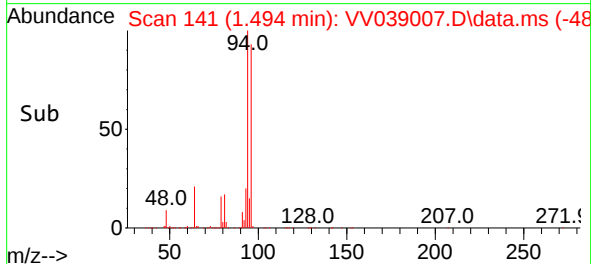
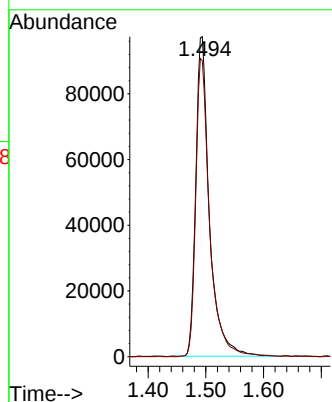
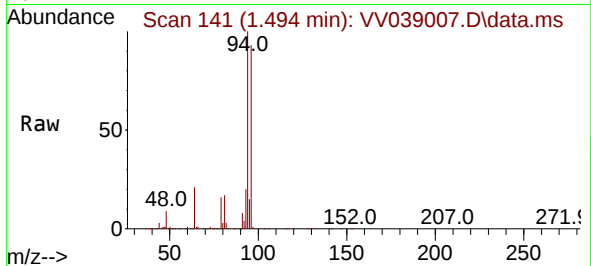




#5
Bromomethane
Concen: 30.016 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

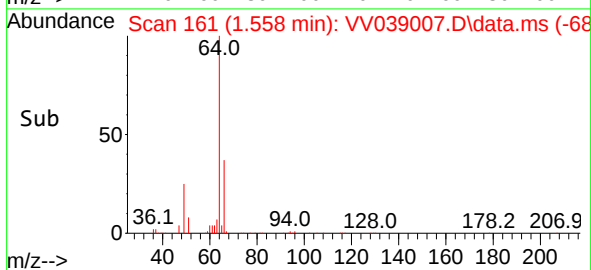
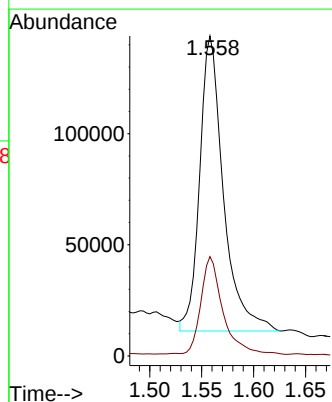
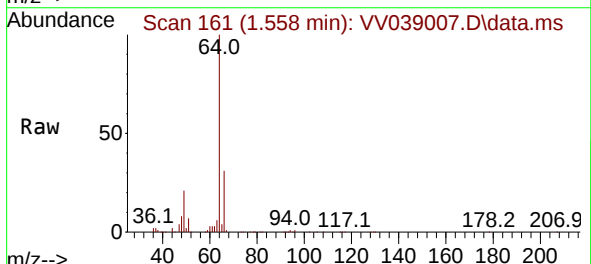
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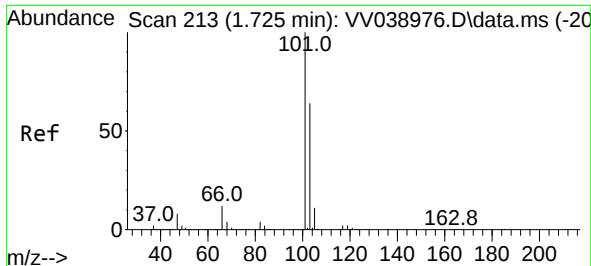
Tgt Ion: 94 Resp: 159476
Ion Ratio Lower Upper
94 100
96 92.6 73.1 109.7



#6
Chloroethane
Concen: 42.102 ug/l
RT: 1.558 min Scan# 161
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 64 Resp: 210915
Ion Ratio Lower Upper
64 100
66 32.9 26.8 40.2

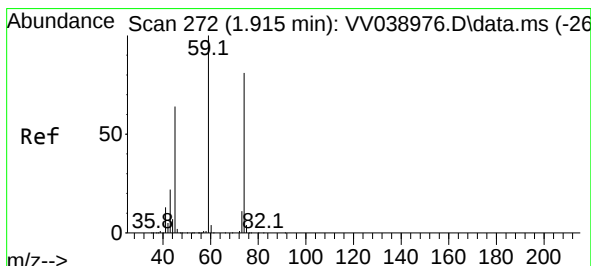
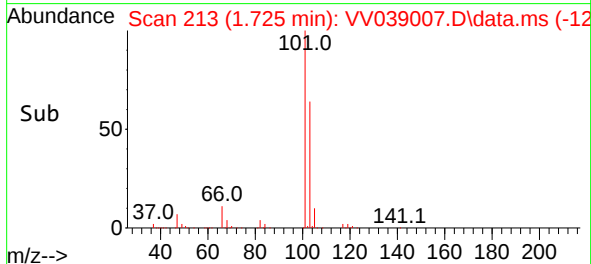
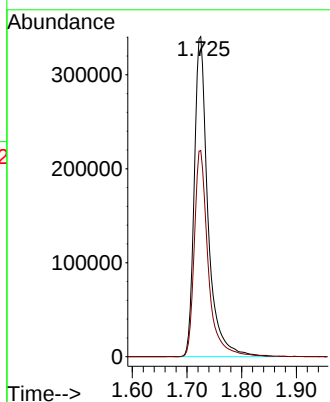
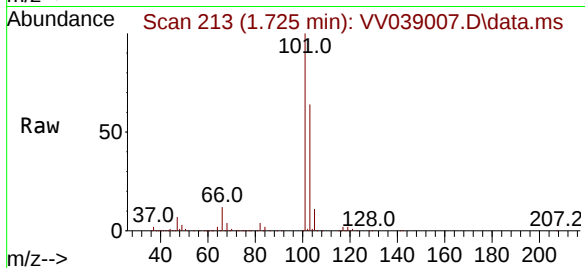




#7
 Trichlorofluoromethane
 Concen: 44.037 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VV039007.D
 Acq: 22 Aug 2025 01:03

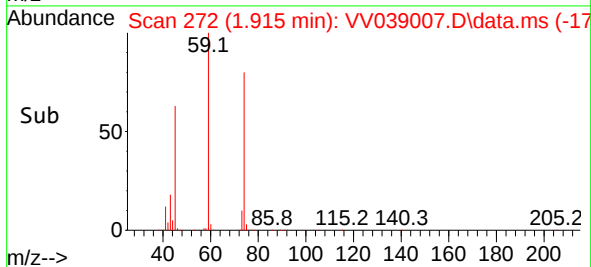
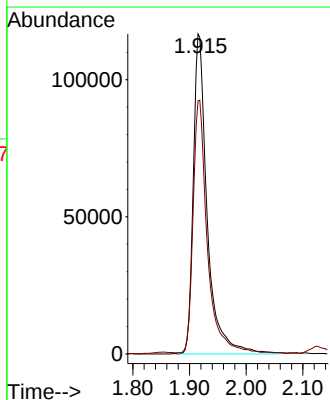
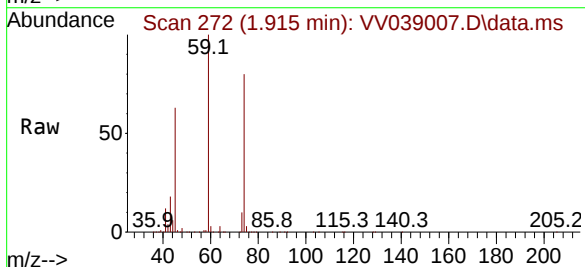
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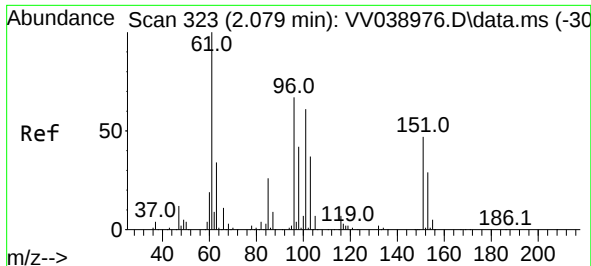
Tgt Ion:101 Resp: 593093
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.4 77.2



#8
 Diethyl Ether
 Concen: 48.127 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. -0.000 min
 Lab File: VV039007.D
 Acq: 22 Aug 2025 01:03

Tgt Ion: 74 Resp: 199329
 Ion Ratio Lower Upper
 74 100
 45 79.5 39.8 119.4

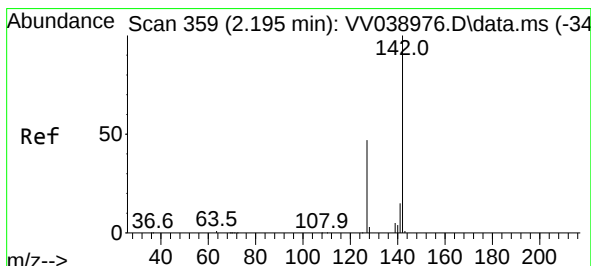
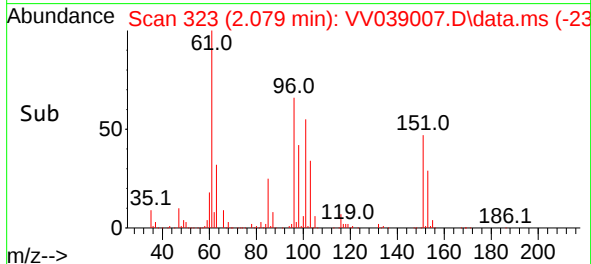
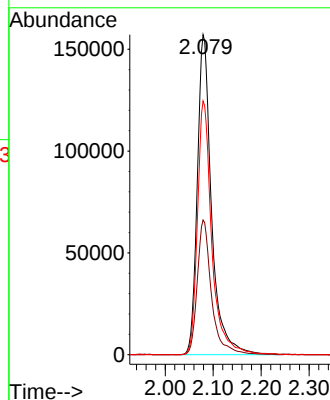
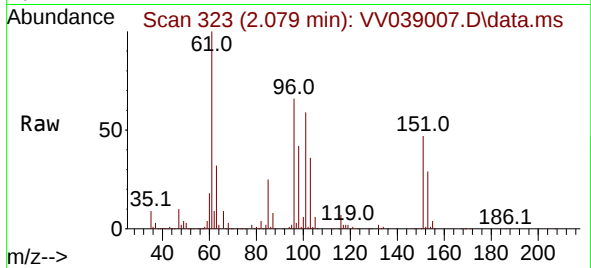




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.668 ug/l
RT: 2.079 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039007.D
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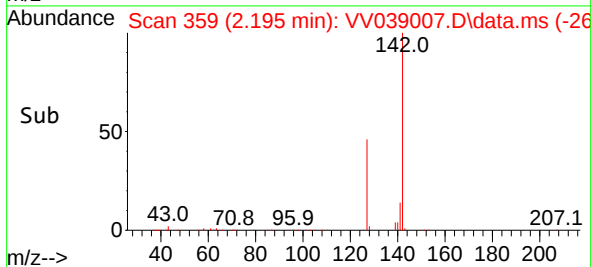
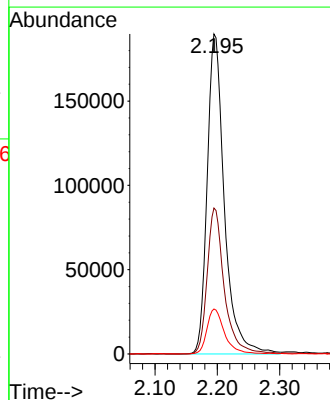
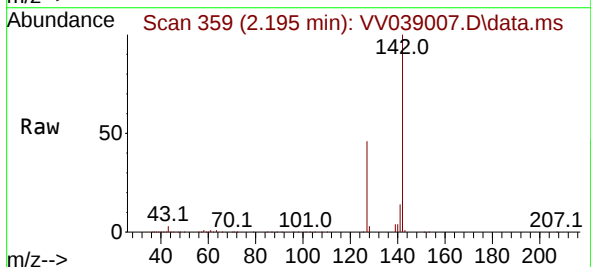
Instrument :
MSVOA_V
ClientSampleId :

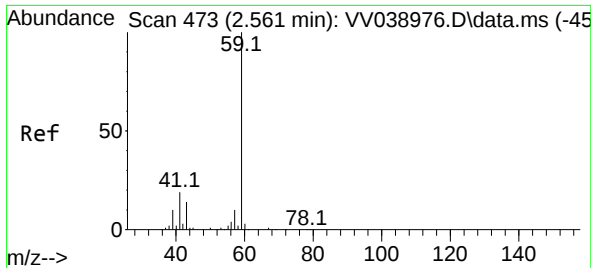
Tgt Ion:101 Resp: 324636
Ion Ratio Lower Upper
101 100
85 42.1 34.6 51.8
151 79.7 62.1 93.1



#10
Methyl Iodide
Concen: 39.318 ug/l
RT: 2.195 min Scan# 359
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion:142 Resp: 363653
Ion Ratio Lower Upper
142 100
127 45.4 38.6 57.8
141 14.4 11.4 17.2

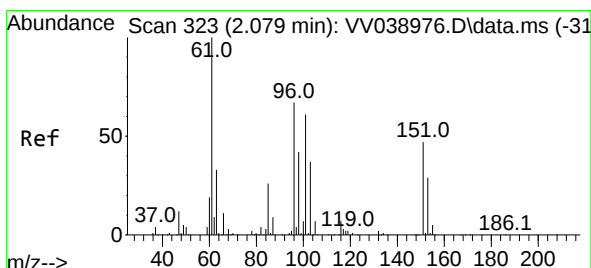
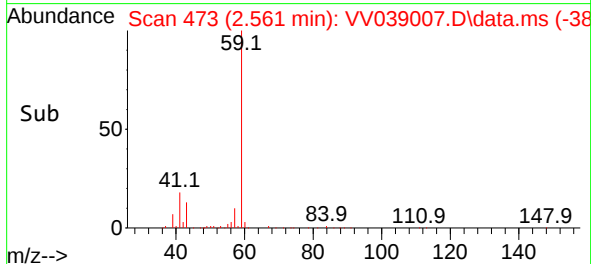
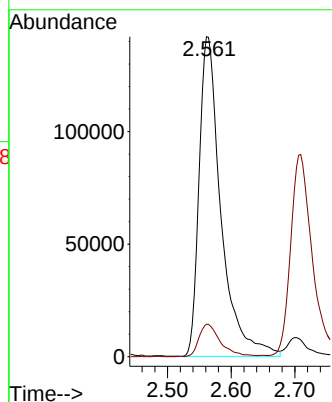
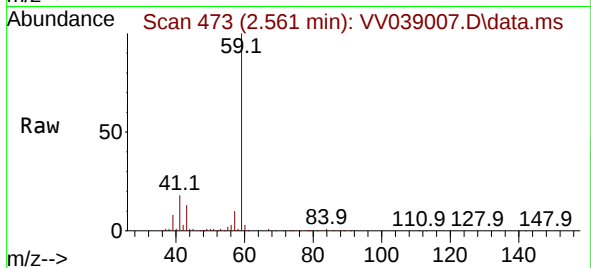




#11
Tert butyl alcohol
Concen: 295.971 ug/l
RT: 2.561 min Scan# 411
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

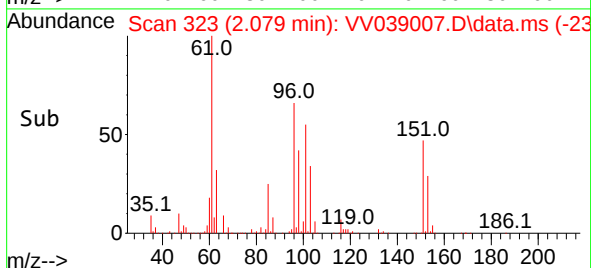
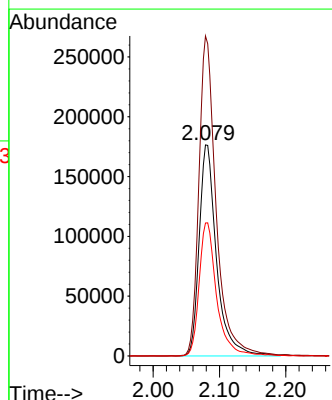
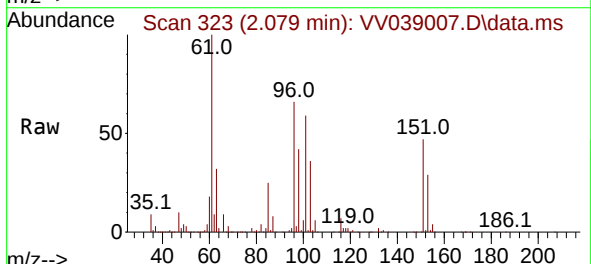
Instrument :
MSVOA_V
ClientSampleId :

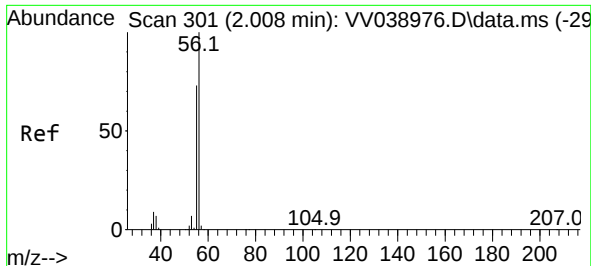
Tgt Ion: 59 Resp: 339170
Ion Ratio Lower Upper
59 100
57 10.1 8.1 12.1



#12
1,1-Dichloroethene
Concen: 46.947 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 96 Resp: 321500
Ion Ratio Lower Upper
96 100
61 151.5 119.8 179.8
98 63.0 50.2 75.2

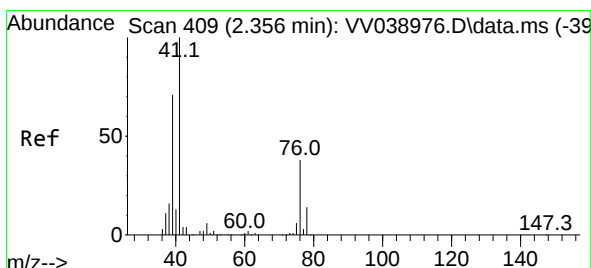
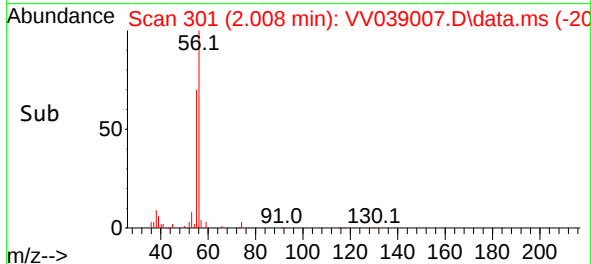
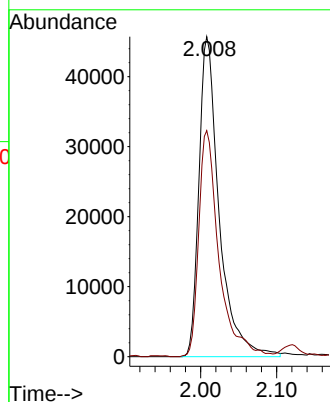
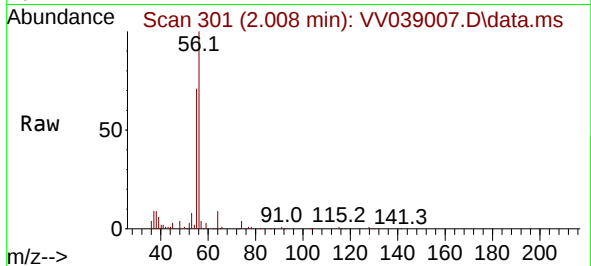




#13
Acrolein
Concen: 225.054 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

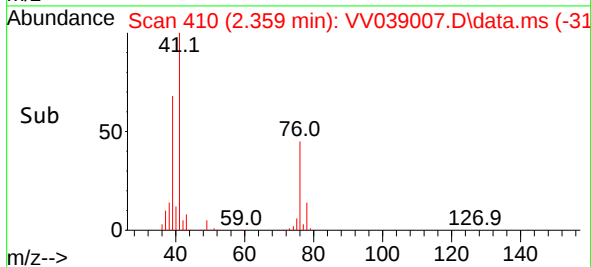
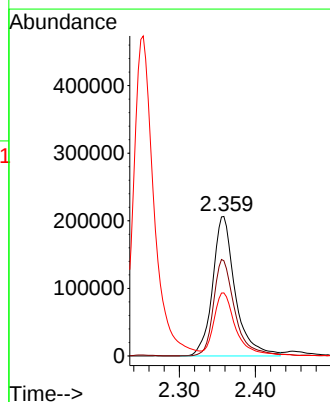
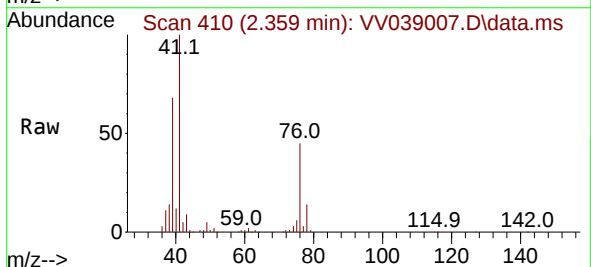
Instrument :
MSVOA_V
ClientSampleId :

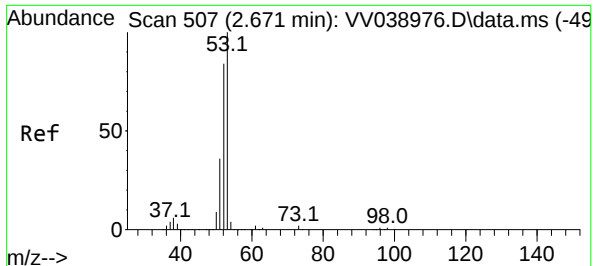
Tgt Ion: 56 Resp: 84236
Ion Ratio Lower Upper
56 100
55 70.7 58.8 88.2



#14
Allyl chloride
Concen: 46.755 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.003 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 41 Resp: 427510
Ion Ratio Lower Upper
41 100
39 65.6 55.0 82.4
76 43.7 35.6 53.4

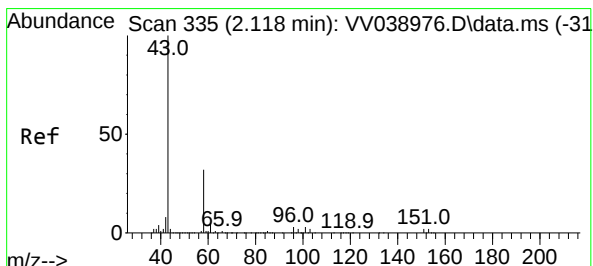
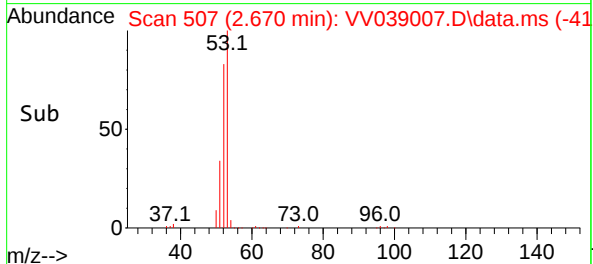
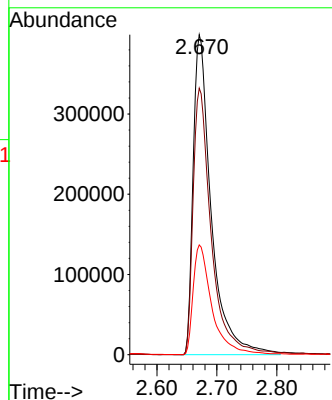
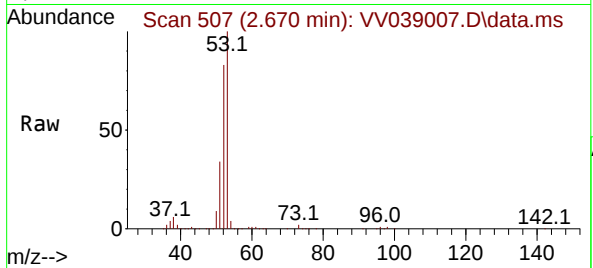




#15
Acrylonitrile
Concen: 242.488 ug/l
RT: 2.670 min Scan# 507
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

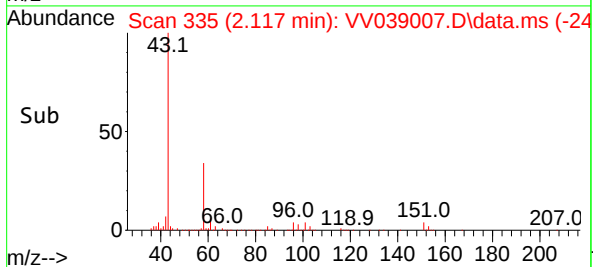
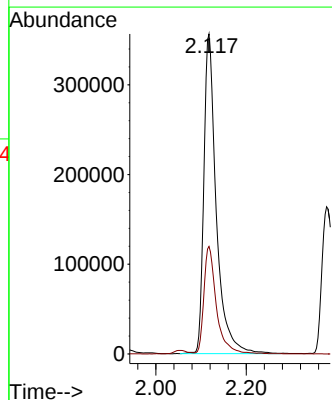
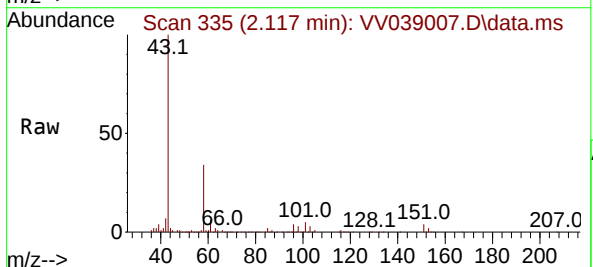
Instrument :
MSVOA_V
ClientSampleId :

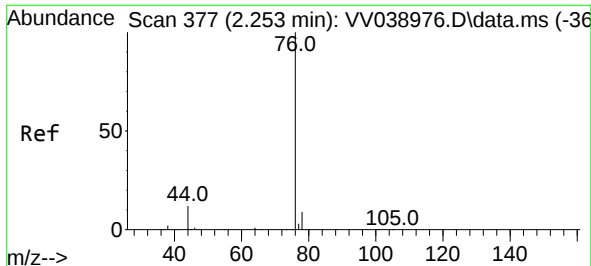
Tgt Ion: 53 Resp: 839789
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.4
51 35.9 28.5 42.7



#16
Acetone
Concen: 200.999 ug/l
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 43 Resp: 683037
Ion Ratio Lower Upper
43 100
58 33.5 26.3 39.5

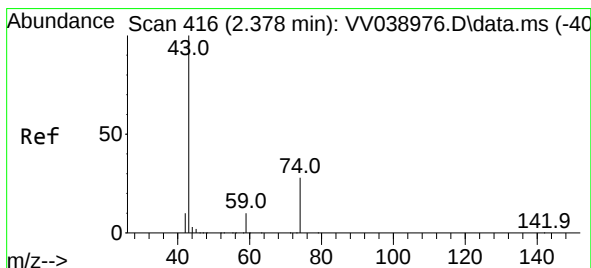
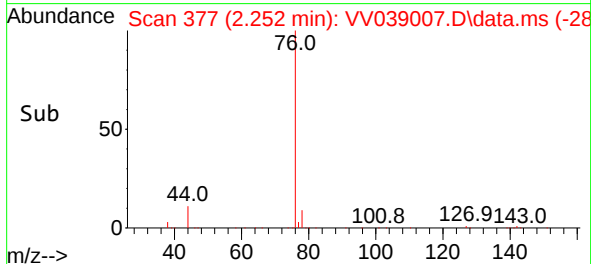
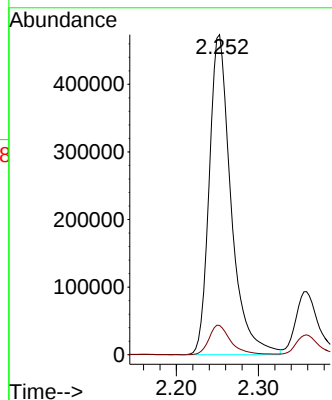
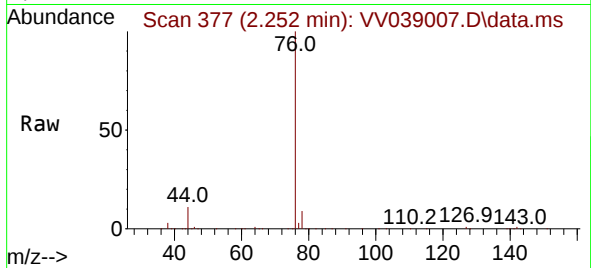




#17
Carbon Disulfide
Concen: 45.849 ug/l
RT: 2.252 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

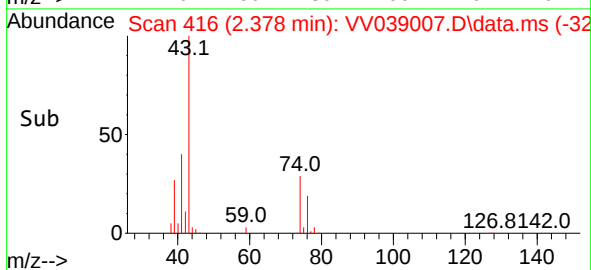
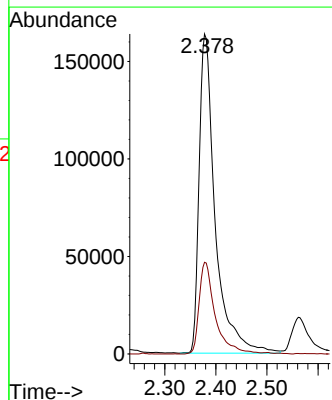
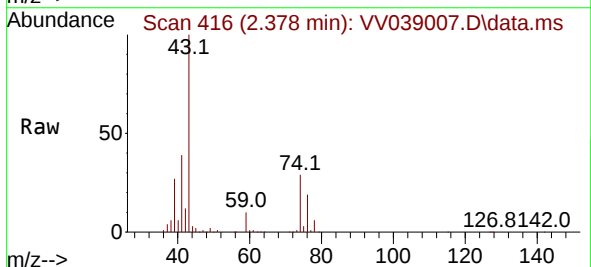
Instrument :
MSVOA_V
ClientSampleId :

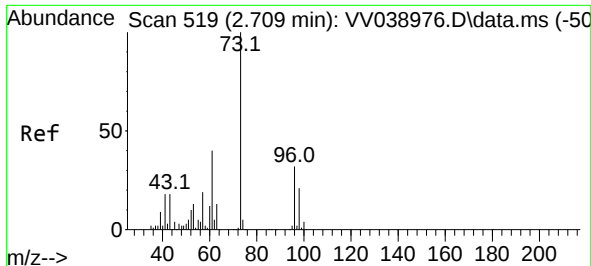
Tgt Ion: 76 Resp: 873305
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9



#18
Methyl Acetate
Concen: 49.661 ug/l
RT: 2.378 min Scan# 416
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 43 Resp: 357695
Ion Ratio Lower Upper
43 100
74 28.8 23.5 35.3

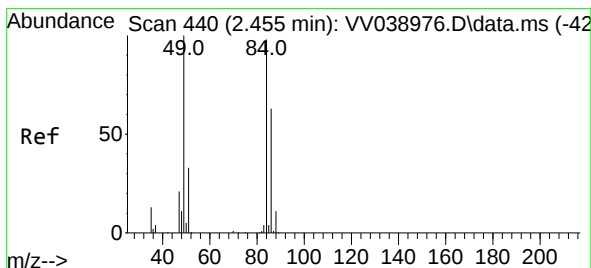
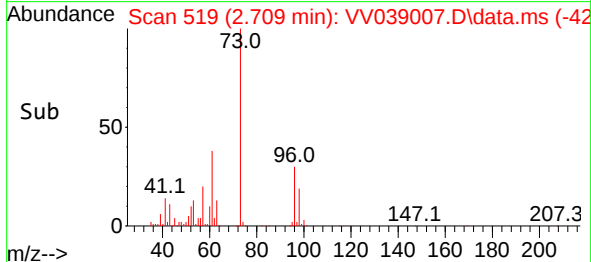
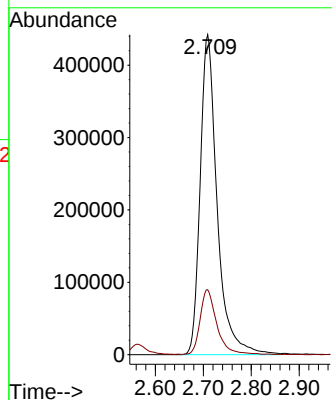
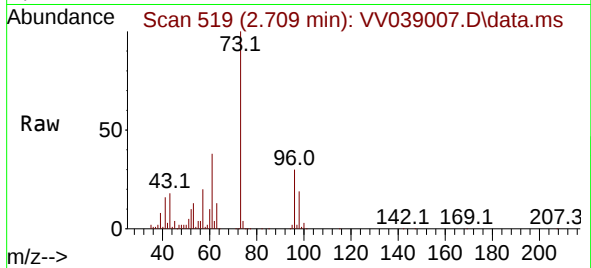




#19
Methyl tert-butyl Ether
Concen: 53.701 ug/l
RT: 2.709 min Scan# 519
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

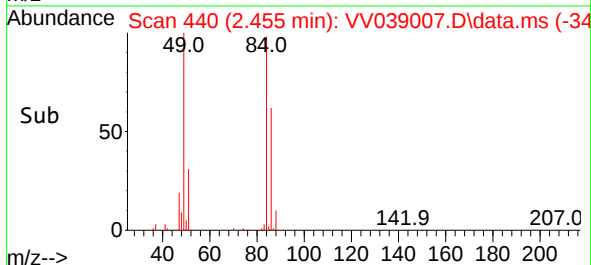
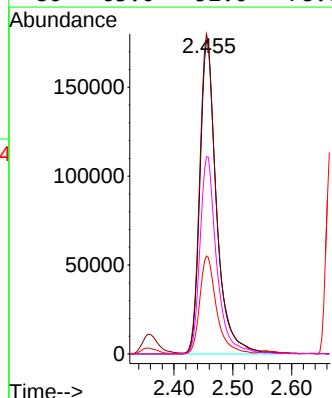
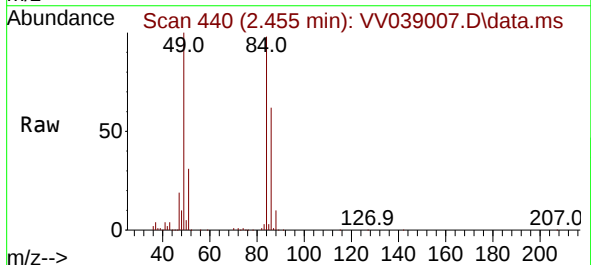
Instrument :
MSVOA_V
ClientSampleId :

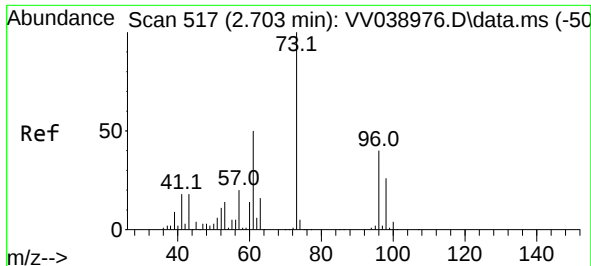
Tgt Ion: 73 Resp: 1087418
Ion Ratio Lower Upper
73 100
57 20.2 15.7 23.5



#20
Methylene Chloride
Concen: 44.019 ug/l
RT: 2.455 min Scan# 440
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 84 Resp: 347619
Ion Ratio Lower Upper
84 100
49 101.9 81.9 122.9
51 31.2 26.9 40.3
86 63.0 52.0 78.0

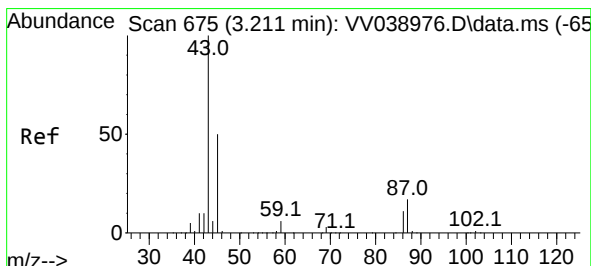
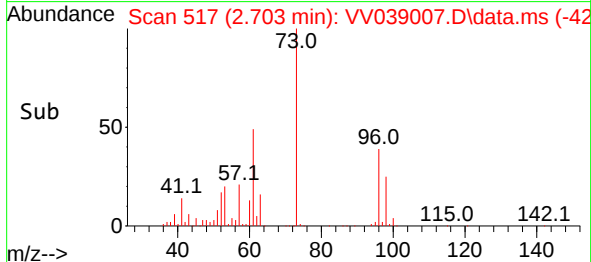
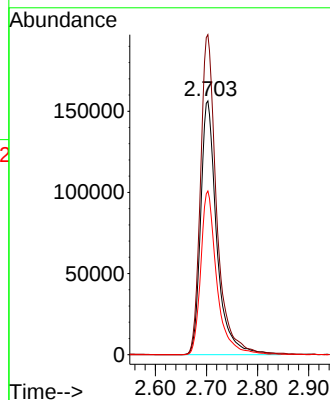
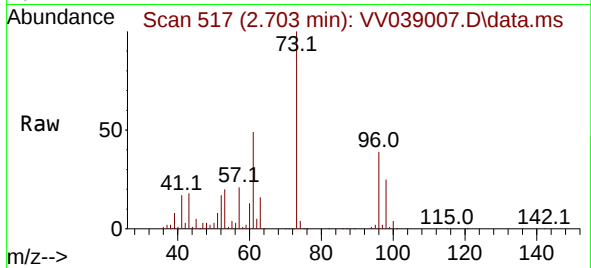




#21
trans-1,2-Dichloroethene
Concen: 48.063 ug/l
RT: 2.703 min Scan# 517
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

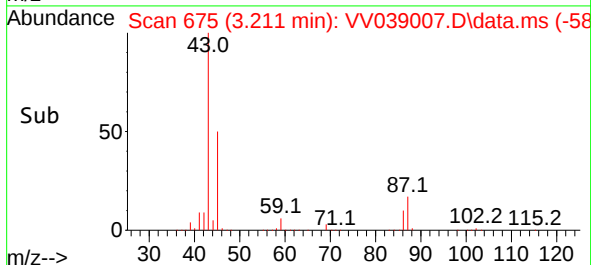
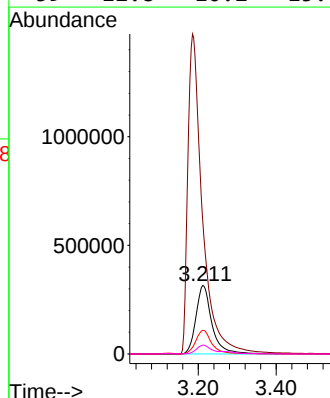
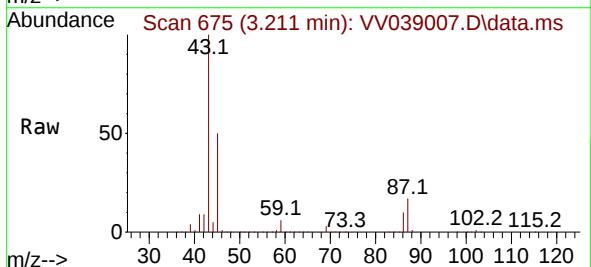
Instrument :
MSVOA_V
ClientSampleId :

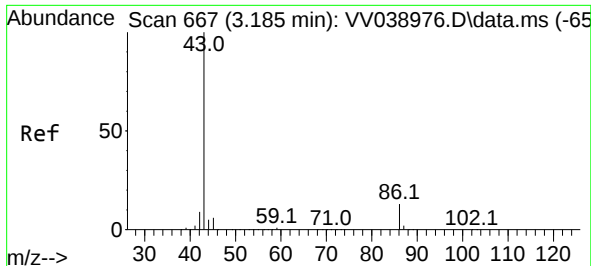
Tgt Ion: 96 Resp: 342822
Ion Ratio Lower Upper
96 100
61 126.1 100.6 151.0
98 64.5 51.5 77.3



#22
Diisopropyl ether
Concen: 44.707 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 45 Resp: 897507
Ion Ratio Lower Upper
45 100
43 201.2 159.4 239.0
87 34.3 27.5 41.3
59 12.8 10.2 15.4

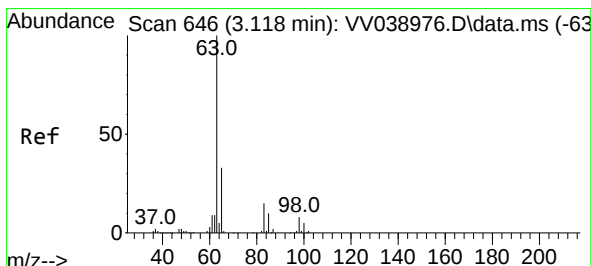
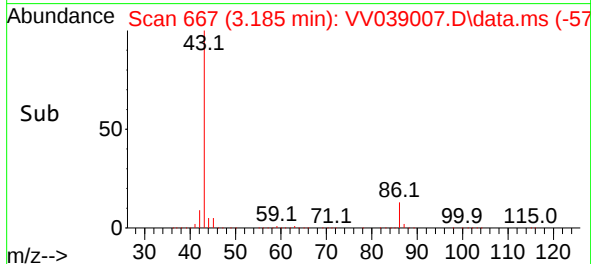
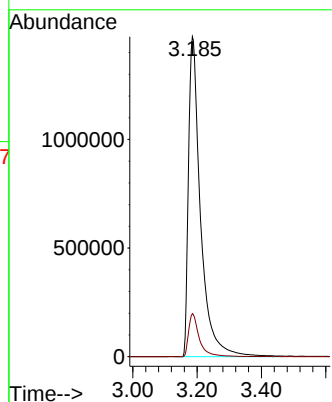
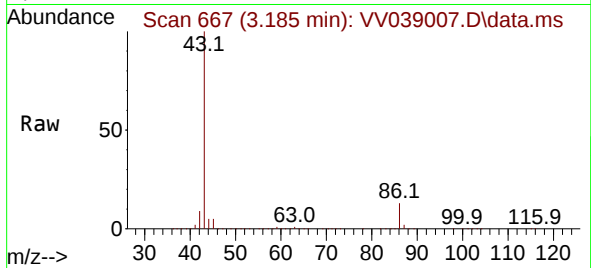




#23
 Vinyl Acetate
 Concen: 238.304 ug/l
 RT: 3.185 min Scan# 667
 Delta R.T. -0.000 min
 Lab File: VV039007.D
 Acq: 22 Aug 2025 01:03

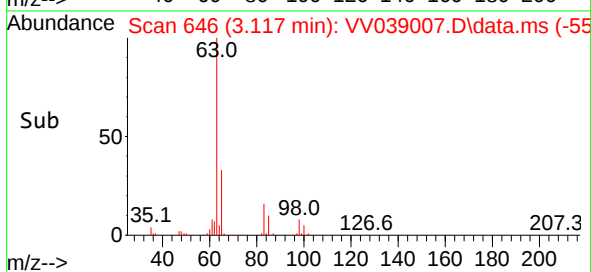
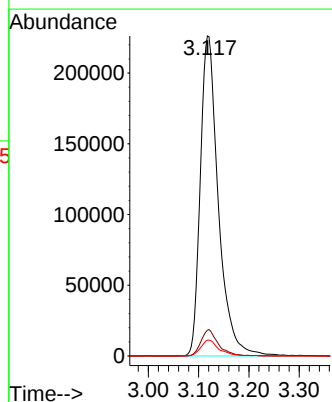
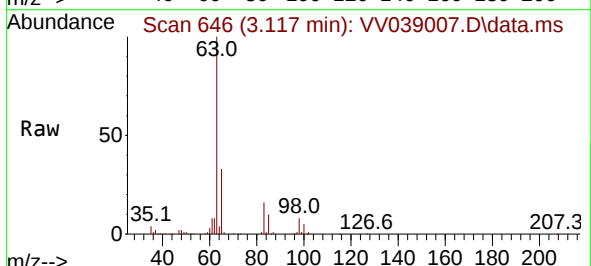
Instrument :
 MSVOA_V
 ClientSampleId :

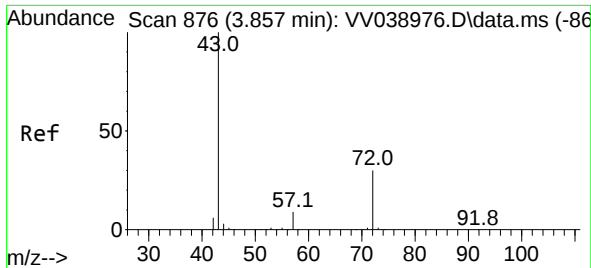
Tgt Ion: 43 Resp: 3838658
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 42.423 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. -0.000 min
 Lab File: VV039007.D
 Acq: 22 Aug 2025 01:03

Tgt Ion: 63 Resp: 564145
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.3 12.8
 100 5.0 2.6 8.0

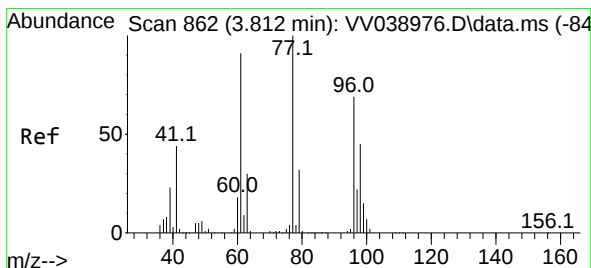
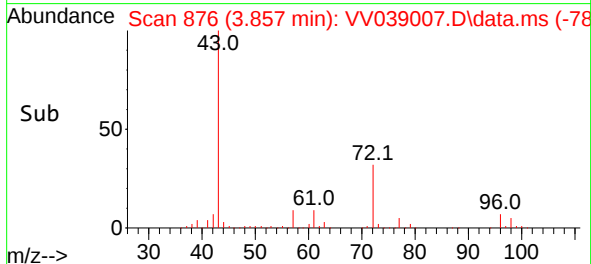
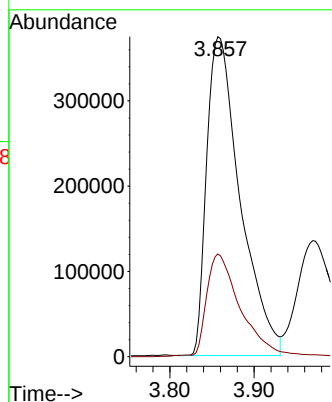
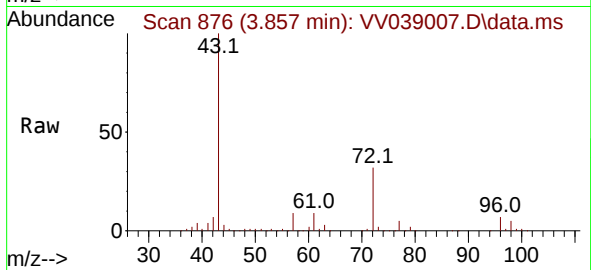




#25
2-Butanone
Concen: 234.484 ug/l
RT: 3.857 min Scan# 876
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

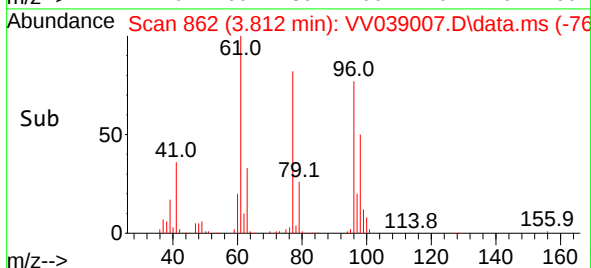
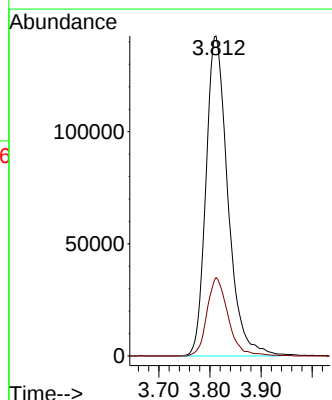
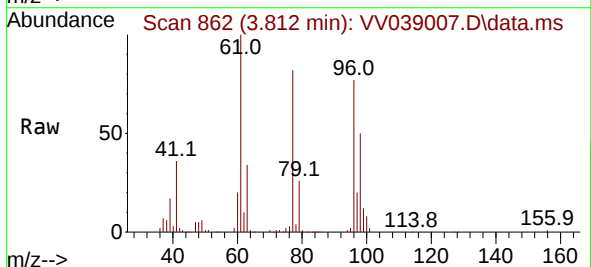
Instrument :
MSVOA_V
ClientSampleId :

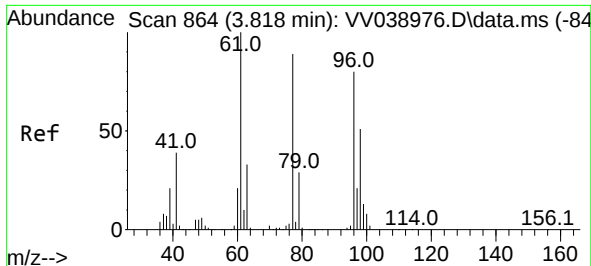
Tgt Ion: 43 Resp: 1036758
Ion Ratio Lower Upper
43 100
72 31.8 23.9 35.9



#26
2,2-Dichloropropane
Concen: 33.297 ug/l
RT: 3.812 min Scan# 862
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

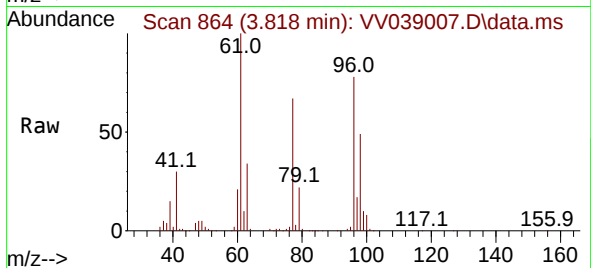
Tgt Ion: 77 Resp: 424763
Ion Ratio Lower Upper
77 100
97 23.3 11.3 33.8



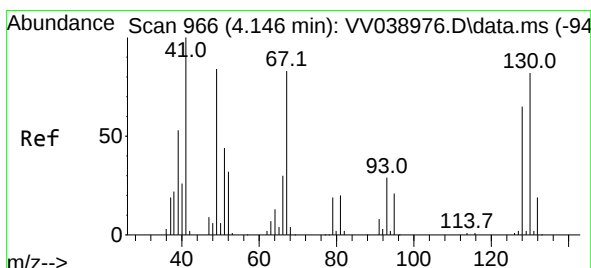
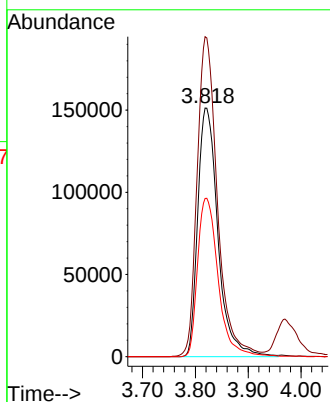
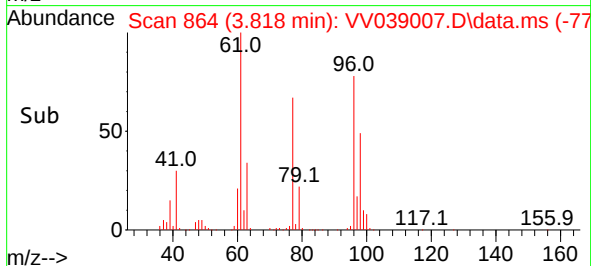


#27
 cis-1,2-Dichloroethene
 Concen: 46.647 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV039007.D
 Acq: 22 Aug 2025 01:03

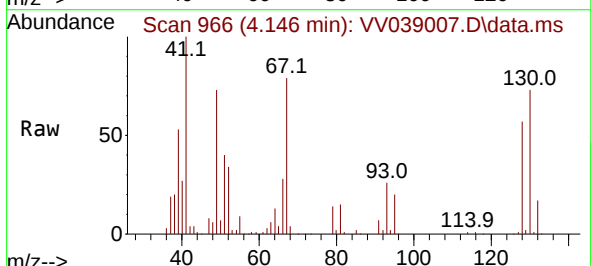
Instrument :
 MSVOA_V
 ClientSampleId :



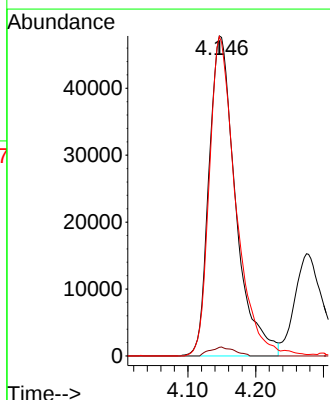
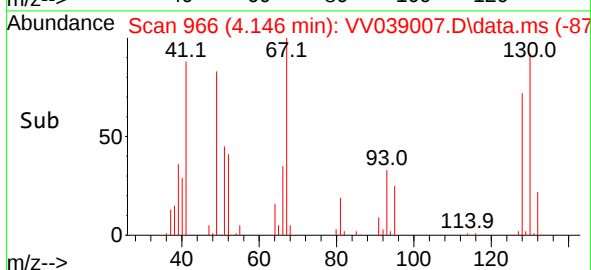
Tgt Ion: 96 Resp: 401588
 Ion Ratio Lower Upper
 96 100
 61 129.3 0.0 264.4
 98 65.0 0.0 131.8

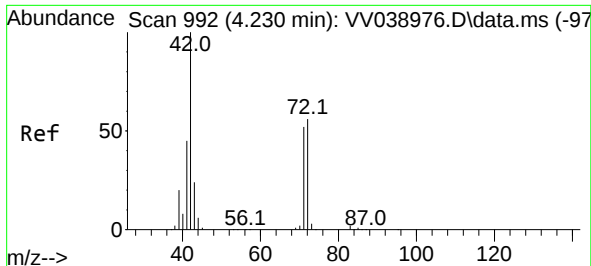


#28
 Bromochloromethane
 Concen: 46.608 ug/l
 RT: 4.146 min Scan# 966
 Delta R.T. 0.000 min
 Lab File: VV039007.D
 Acq: 22 Aug 2025 01:03



Tgt Ion: 49 Resp: 130249
 Ion Ratio Lower Upper
 49 100
 129 2.6 0.0 3.2
 130 98.5 78.2 117.2





#29

Tetrahydrofuran

Concen: 229.085 ug/l

RT: 4.227 min Scan# 991

Delta R.T. -0.003 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Instrument :

MSVOA_V

ClientSampleId :

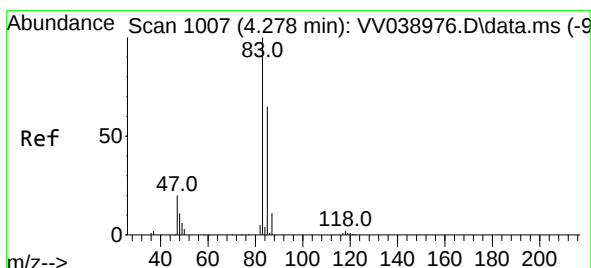
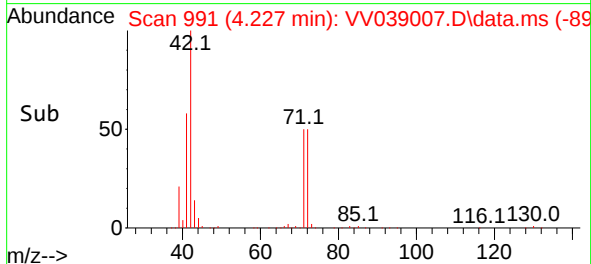
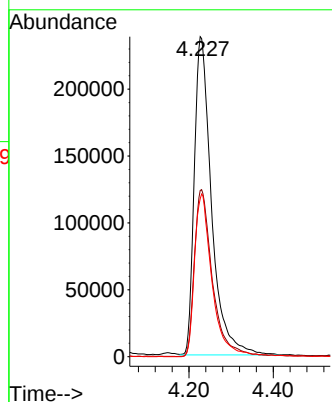
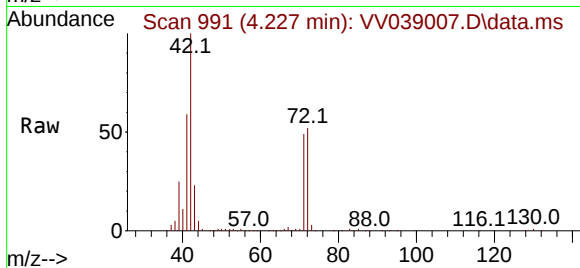
Tgt Ion: 42 Resp: 676134

Ion Ratio Lower Upper

42 100

72 54.8 44.6 66.8

71 52.0 41.6 62.4



#30

Chloroform

Concen: 42.260 ug/l

RT: 4.278 min Scan# 1007

Delta R.T. -0.000 min

Lab File: VV039007.D

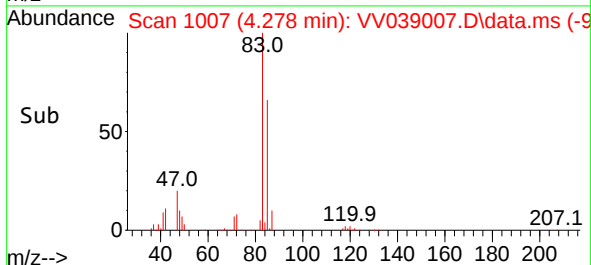
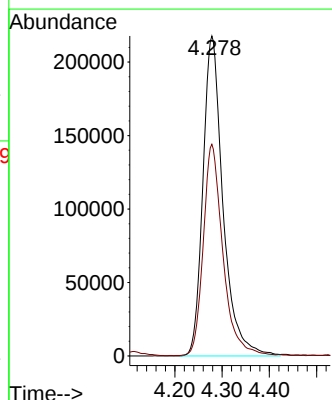
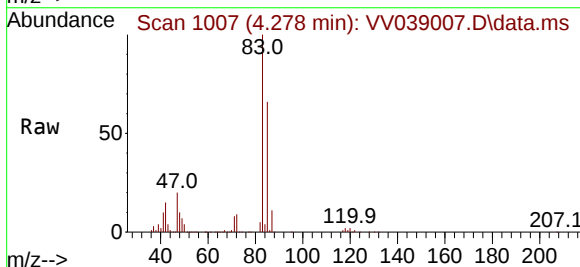
Acq: 22 Aug 2025 01:03

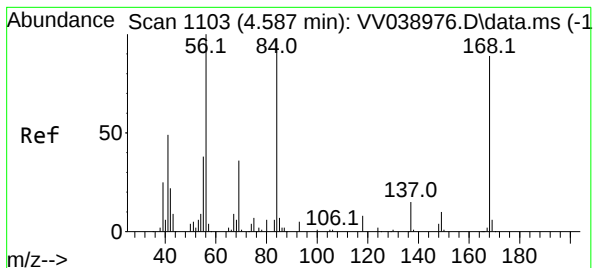
Tgt Ion: 83 Resp: 642200

Ion Ratio Lower Upper

83 100

85 66.0 52.2 78.2





#31

Cyclohexane

Concen: 43.516 ug/l

RT: 4.584 min Scan# 1103

Delta R.T. -0.003 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Instrument :

MSVOA_V

ClientSampleId :

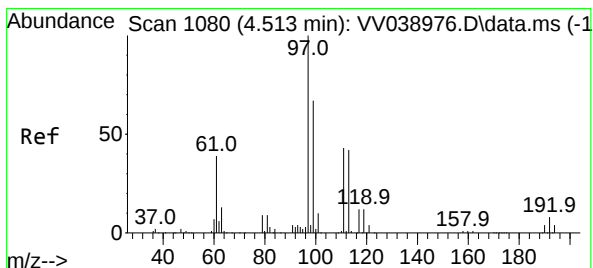
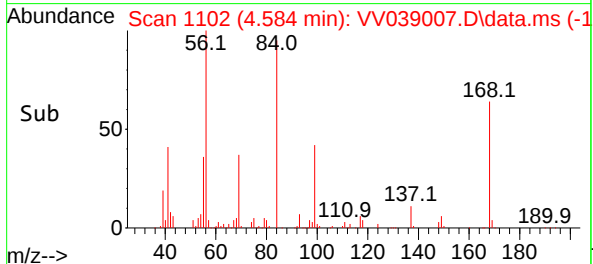
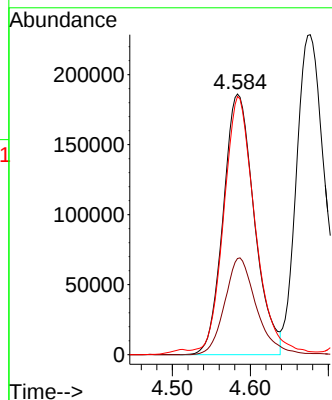
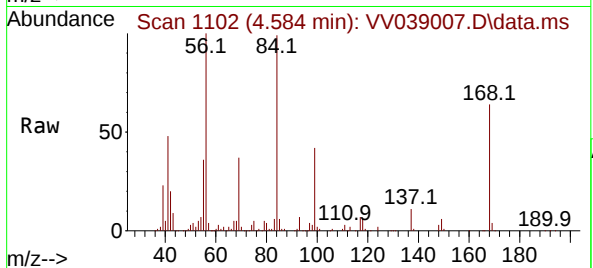
Tgt Ion: 56 Resp: 516310

Ion Ratio Lower Upper

56 100

69 36.9 28.6 42.8

84 97.1 78.1 117.1



#32

1,1,1-Trichloroethane

Concen: 42.393 ug/l

RT: 4.513 min Scan# 1080

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

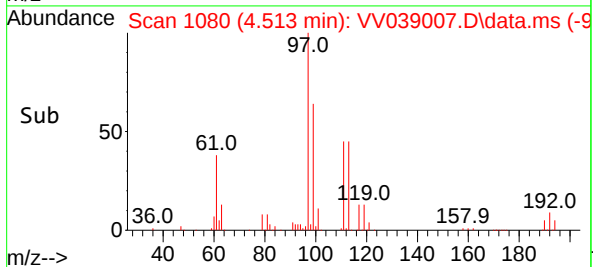
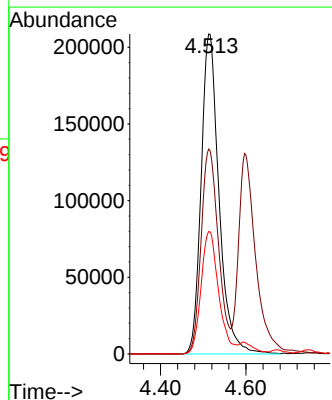
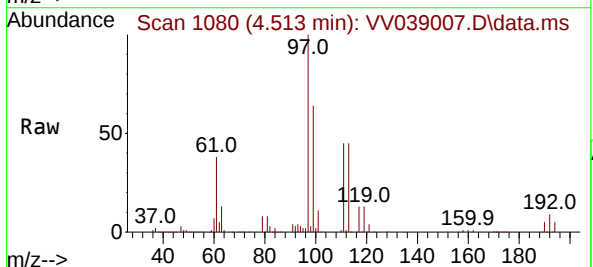
Tgt Ion: 97 Resp: 605247

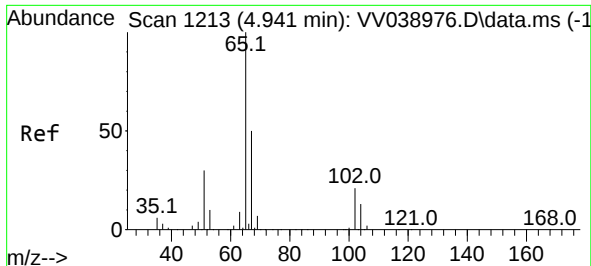
Ion Ratio Lower Upper

97 100

99 62.1 49.5 74.3

61 37.9 30.9 46.3





#33

1,2-Dichloroethane-d4

Concen: 44.375 ug/l

RT: 4.940 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Instrument :

MSVOA_V

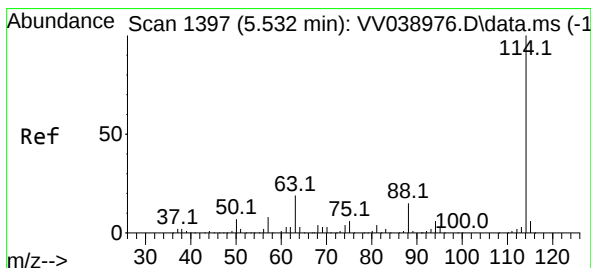
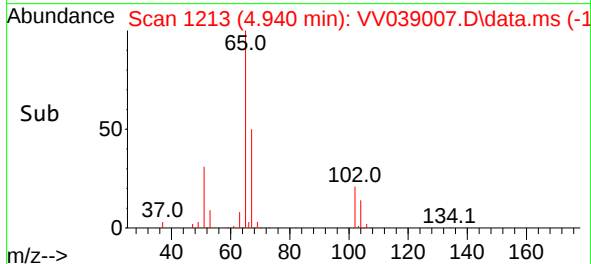
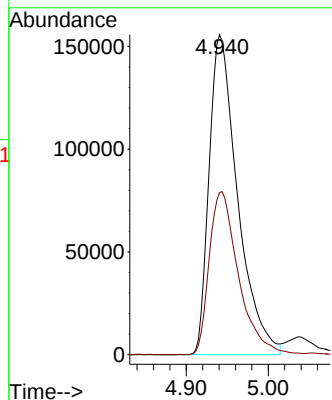
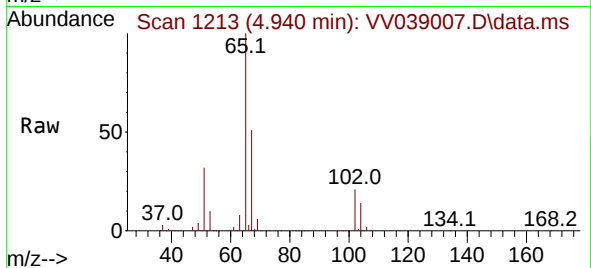
ClientSampleId :

Tgt Ion: 65 Resp: 375716

Ion Ratio Lower Upper

65 100

67 52.5 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: VV039007.D

Acq: 22 Aug 2025 01:03

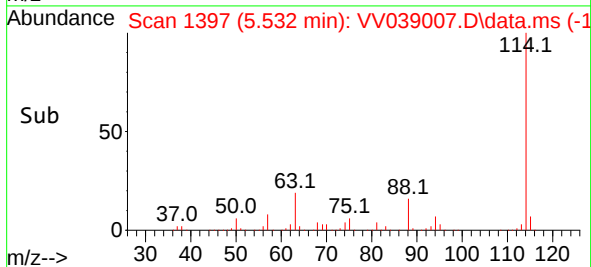
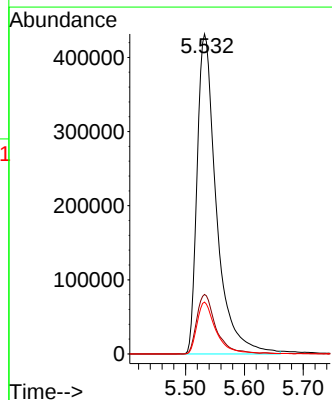
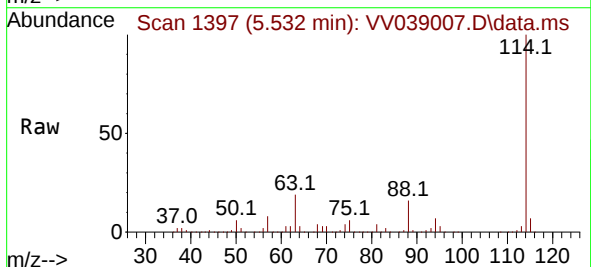
Tgt Ion: 114 Resp: 983404

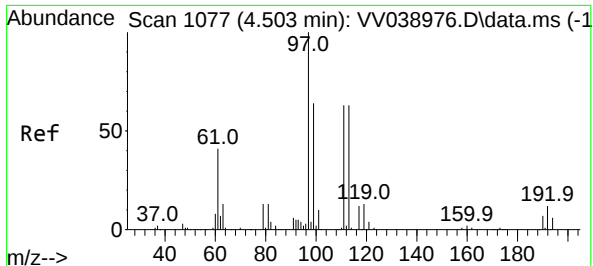
Ion Ratio Lower Upper

114 100

63 18.6 0.0 37.4

88 16.2 0.0 30.4

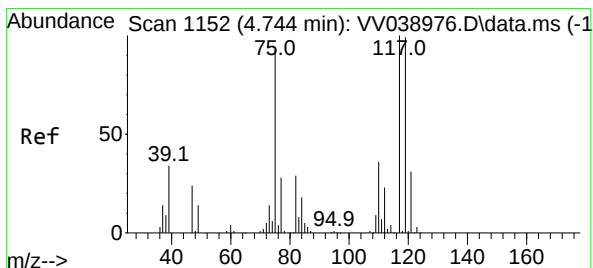
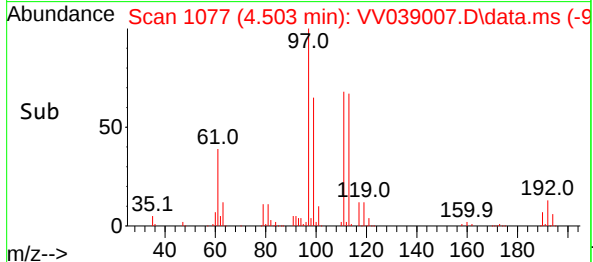
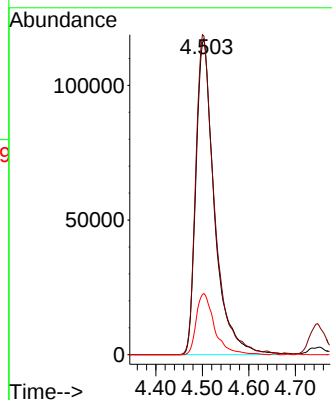
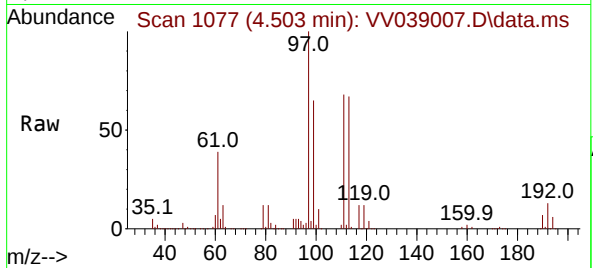




#35
Dibromofluoromethane
Concen: 43.823 ug/l
RT: 4.503 min Scan# 1077
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

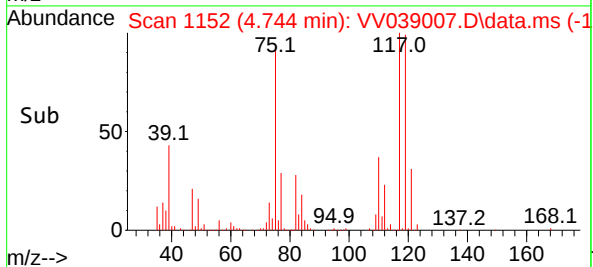
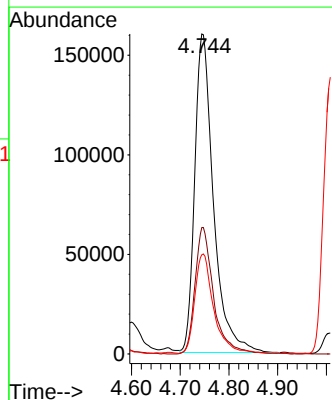
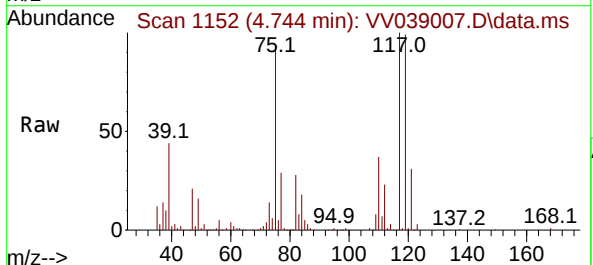
Instrument :
MSVOA_V
ClientSampleId :

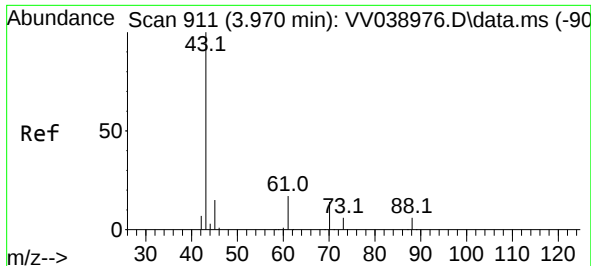
Tgt Ion:113 Resp: 323199
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 44.694 ug/l
RT: 4.744 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 75 Resp: 428069
Ion Ratio Lower Upper
75 100
110 39.1 19.6 58.7
77 31.4 24.4 36.6

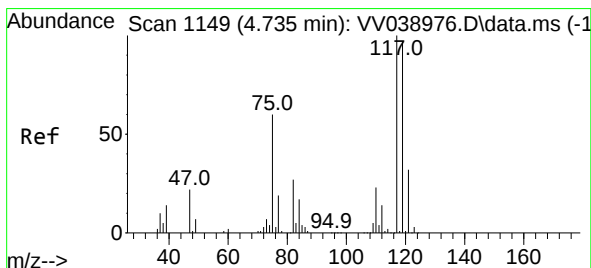
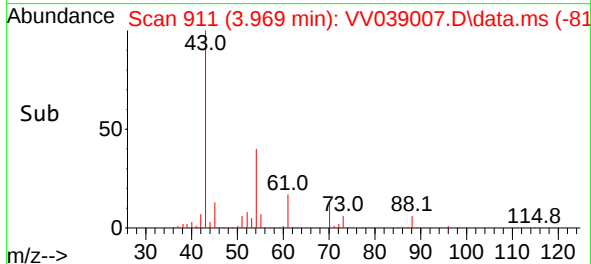
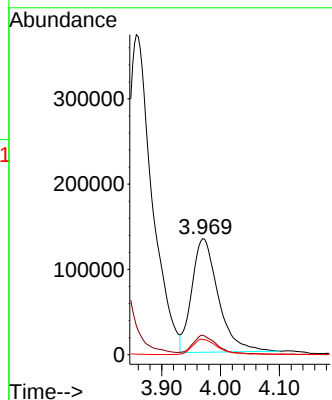
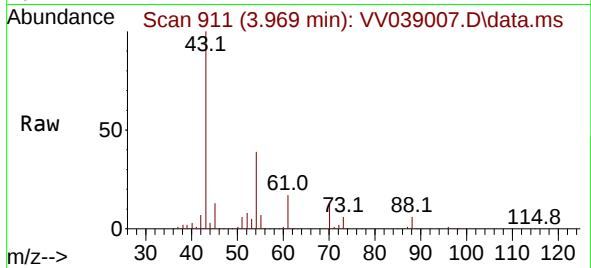




#37
Ethyl Acetate
Concen: 44.576 ug/l
RT: 3.969 min Scan# 911
Delta R.T. -0.001 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

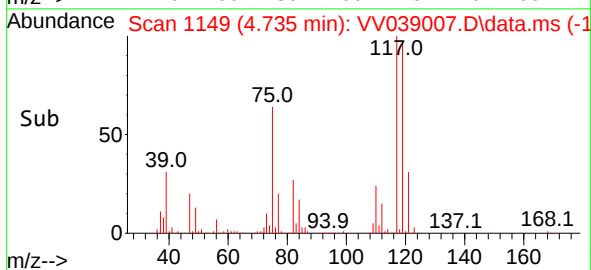
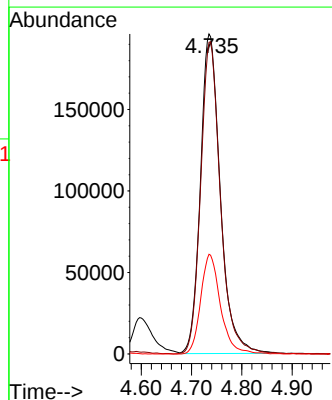
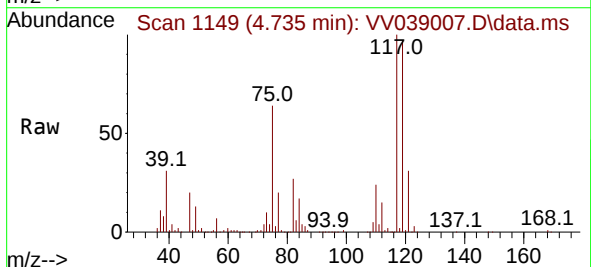
Instrument :
MSVOA_V
ClientSampleId :

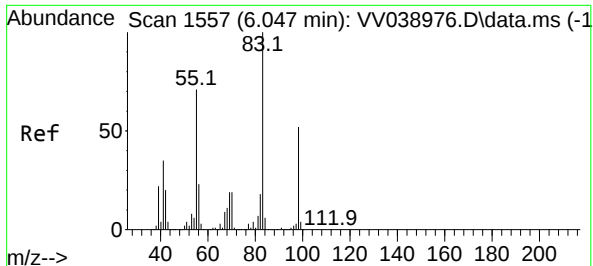
Tgt Ion: 43 Resp: 417125
Ion Ratio Lower Upper
43 100
61 14.2 12.6 19.0
70 13.1 10.2 15.4



#38
Carbon Tetrachloride
Concen: 42.004 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 117 Resp: 538747
Ion Ratio Lower Upper
117 100
119 97.4 77.1 115.7
121 31.2 25.4 38.2





#39

Methylcyclohexane

Concen: 48.738 ug/l

RT: 6.047 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Instrument :

MSVOA_V

ClientSampleId :

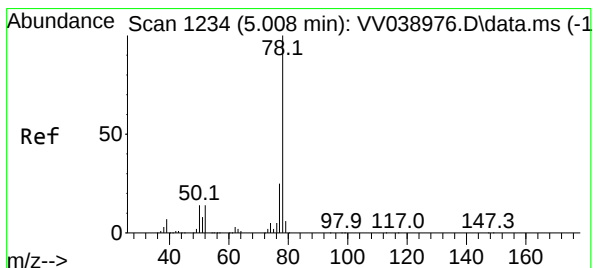
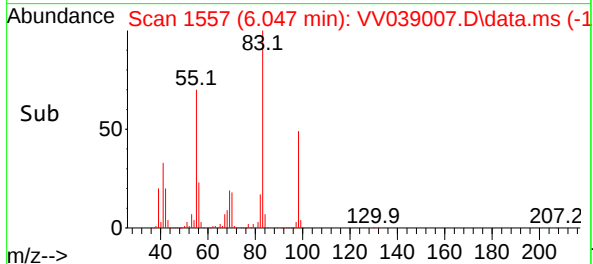
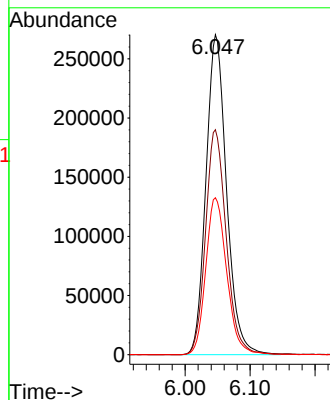
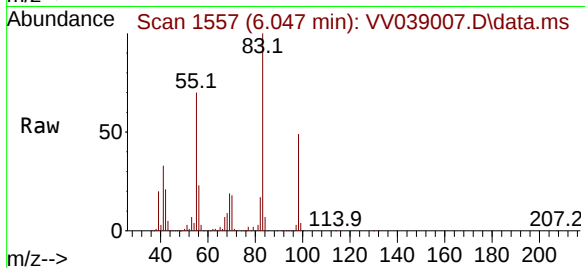
Tgt Ion: 83 Resp: 596457

Ion Ratio Lower Upper

83 100

55 70.3 57.0 85.6

98 49.0 41.3 61.9



#40

Benzene

Concen: 46.498 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. -0.000 min

Lab File: VV039007.D

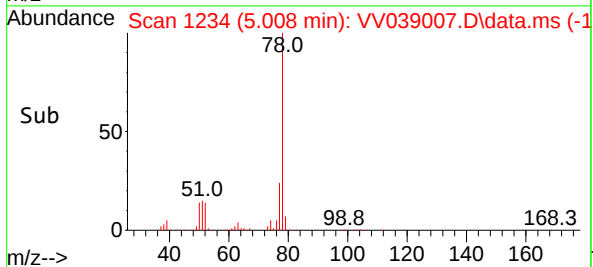
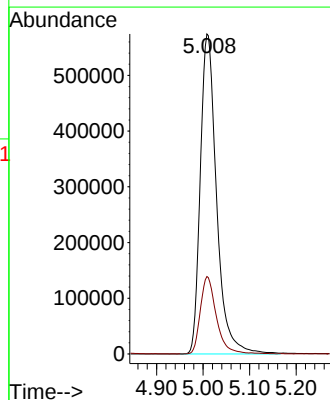
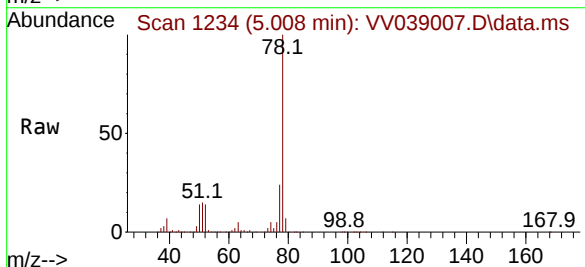
Acq: 22 Aug 2025 01:03

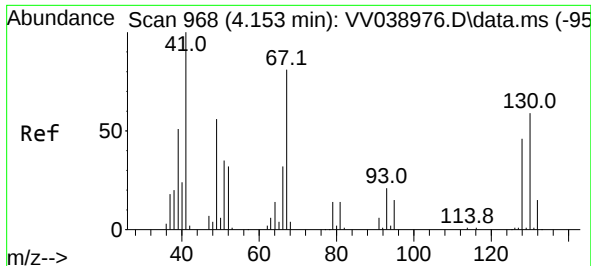
Tgt Ion: 78 Resp: 1394853

Ion Ratio Lower Upper

78 100

77 24.2 19.6 29.4

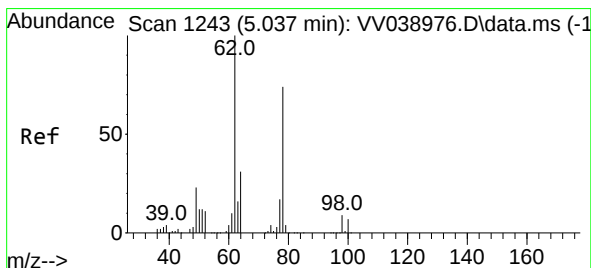
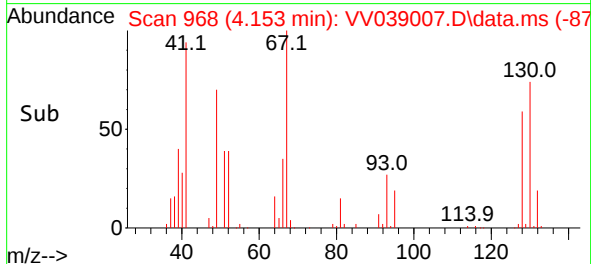
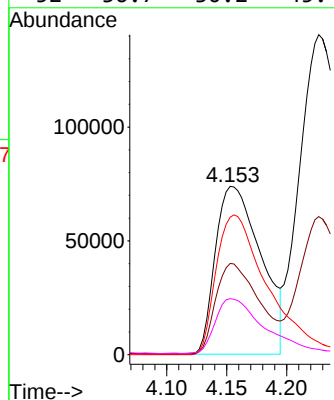
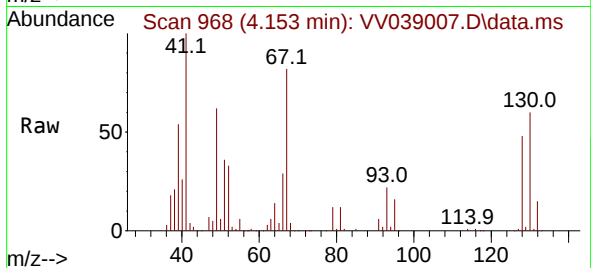




#41
Methacrylonitrile
Concen: 55.236 ug/l
RT: 4.153 min Scan# 90
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

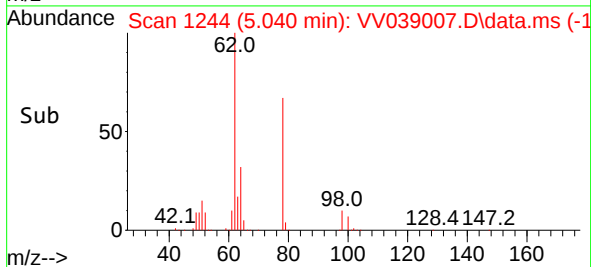
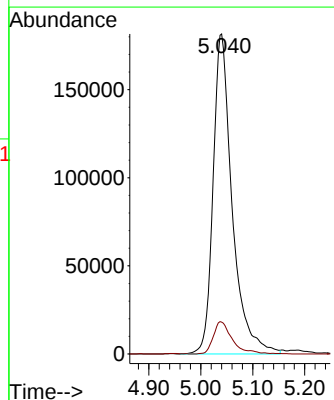
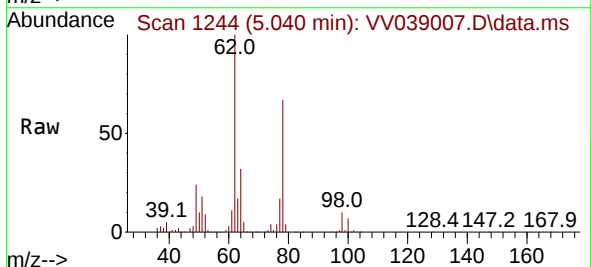
Instrument :
MSVOA_V
ClientSampleId :

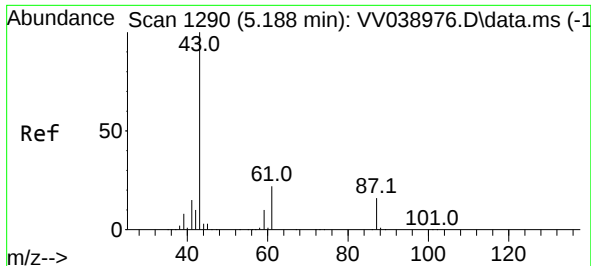
Tgt Ion: 41 Resp: 194771
Ion Ratio Lower Upper
41 100
39 52.2 45.5 68.3
67 97.7 83.5 125.3
52 36.7 30.2 45.4



#42
1,2-Dichloroethane
Concen: 42.317 ug/l
RT: 5.040 min Scan# 1244
Delta R.T. 0.003 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 62 Resp: 464085
Ion Ratio Lower Upper
62 100
98 10.0 0.0 19.2

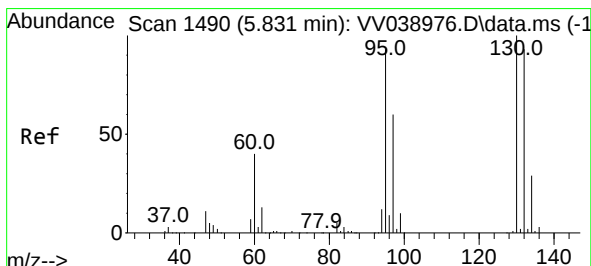
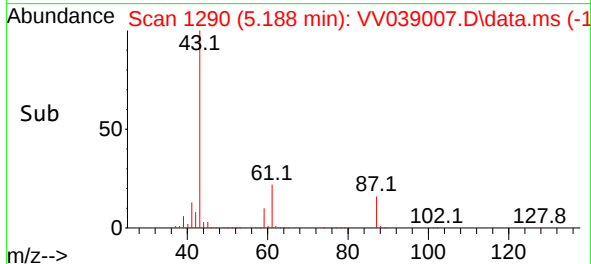
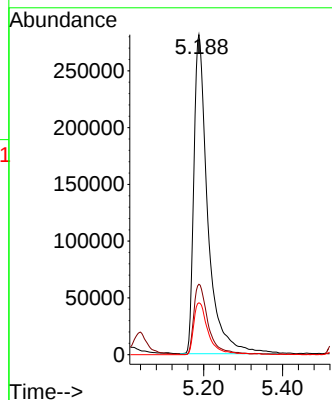
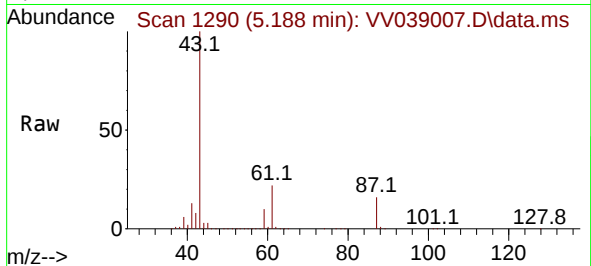




#43
Isopropyl Acetate
Concen: 48.381 ug/l
RT: 5.188 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

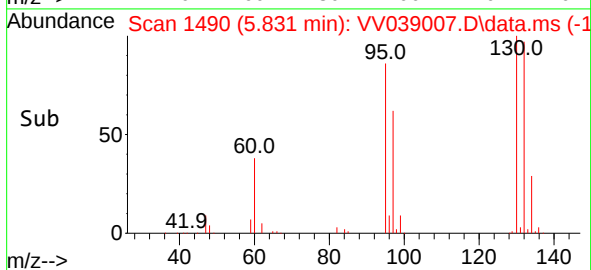
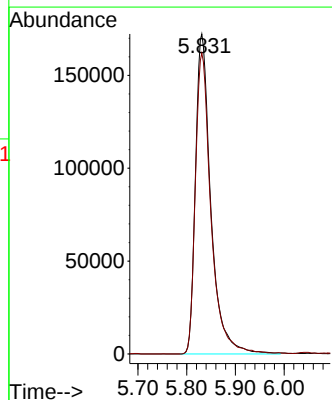
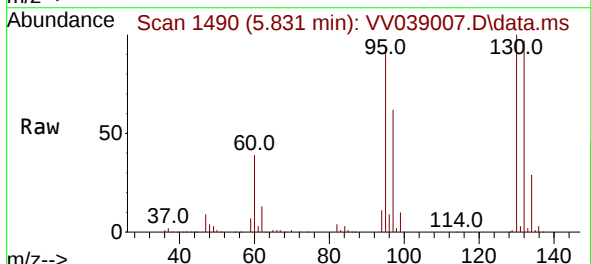
Instrument :
MSVOA_V
ClientSampleId :

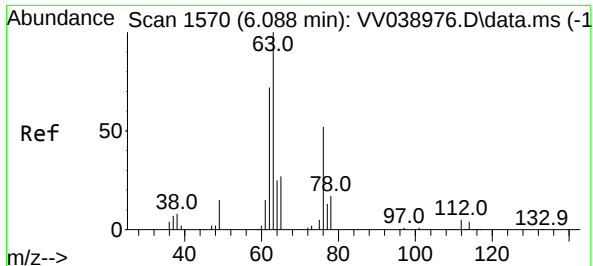
Tgt Ion: 43 Resp: 690803
Ion Ratio Lower Upper
43 100
61 22.5 17.4 26.2
87 16.7 13.3 19.9



#44
Trichloroethene
Concen: 46.459 ug/l
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion:130 Resp: 378043
Ion Ratio Lower Upper
130 100
95 94.0 0.0 186.6





#45

1,2-Dichloropropane

Concen: 43.851 ug/l

RT: 6.088 min Scan# 1570

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Instrument :

MSVOA_V

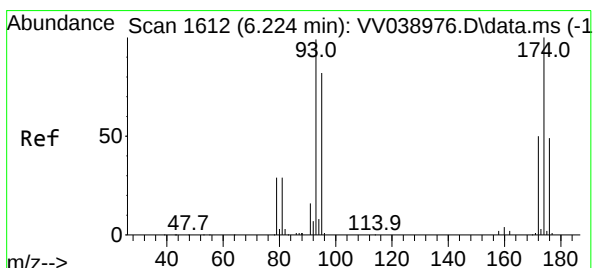
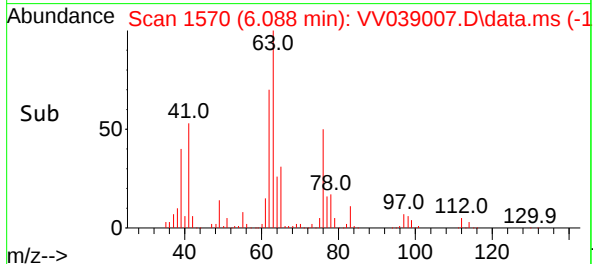
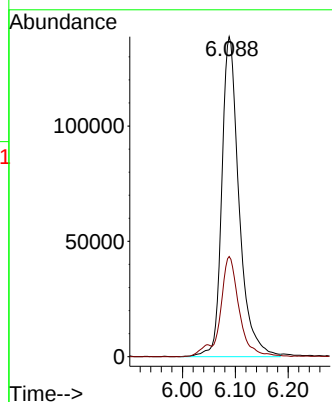
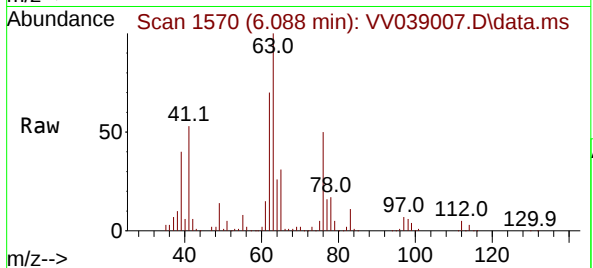
ClientSampleId :

Tgt Ion: 63 Resp: 315480

Ion Ratio Lower Upper

63 100

65 31.3 25.0 37.4



#46

Dibromomethane

Concen: 42.674 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

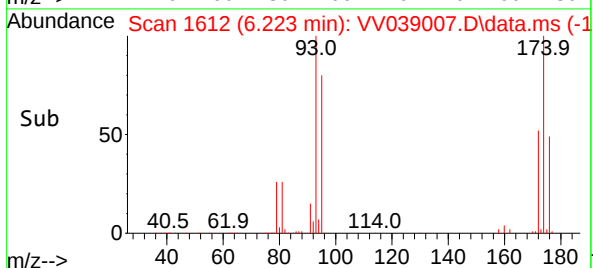
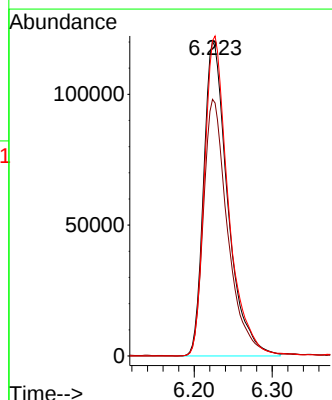
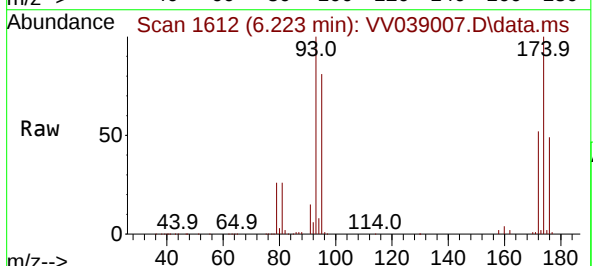
Tgt Ion: 93 Resp: 257612

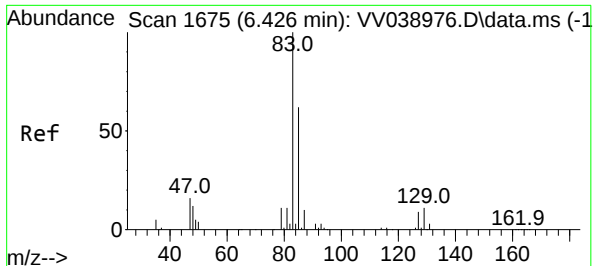
Ion Ratio Lower Upper

93 100

95 82.2 66.4 99.6

174 101.1 79.7 119.5

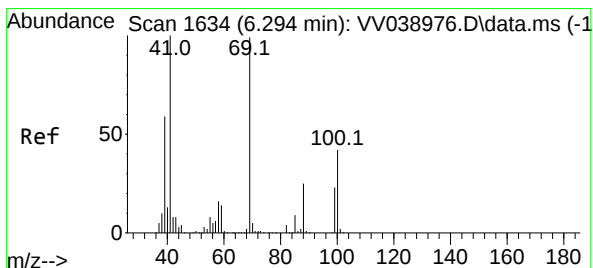
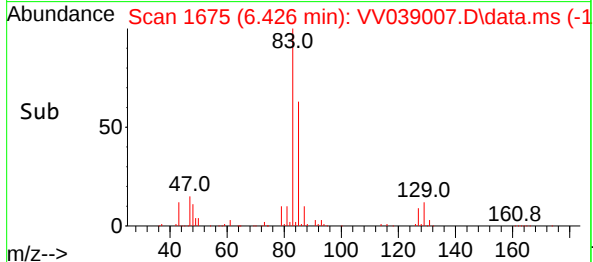
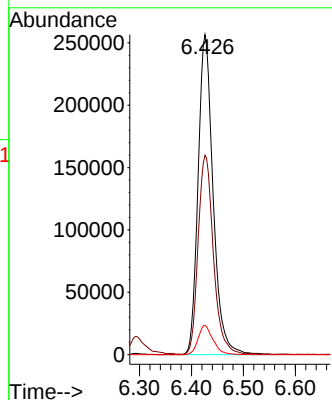
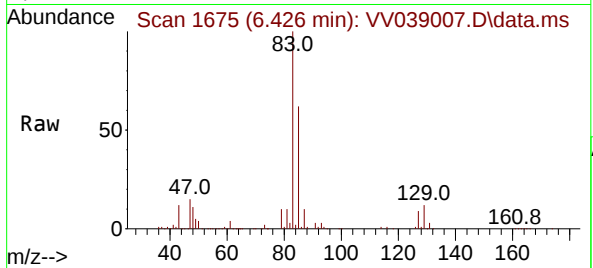




#47
Bromodichloromethane
Concen: 42.062 ug/l
RT: 6.426 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

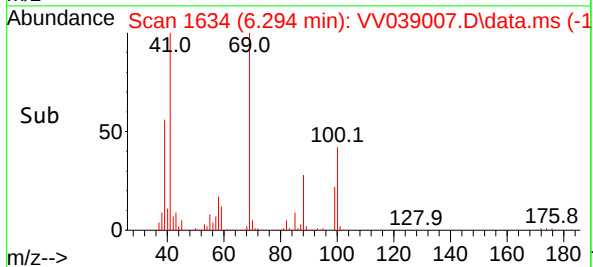
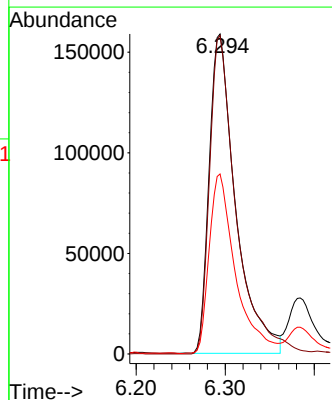
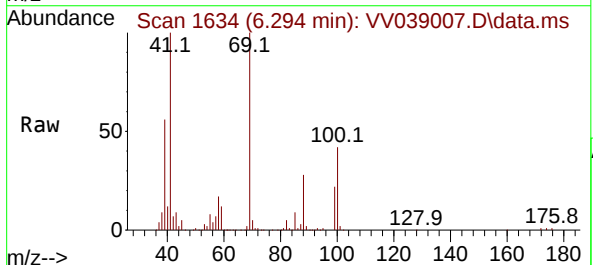
Instrument :
MSVOA_V
ClientSampleId :

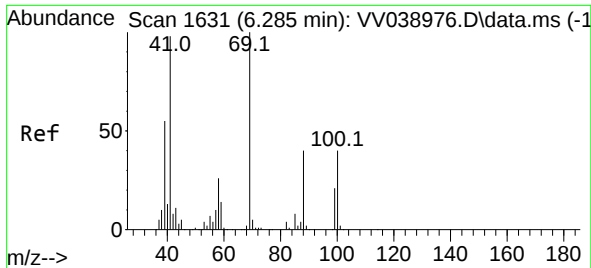
Tgt Ion: 83 Resp: 516775
Ion Ratio Lower Upper
83 100
85 62.1 49.6 74.4
127 9.2 6.9 10.3



#48
Methyl methacrylate
Concen: 51.309 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 41 Resp: 328403
Ion Ratio Lower Upper
41 100
69 100.3 82.5 123.7
39 55.6 46.6 69.8

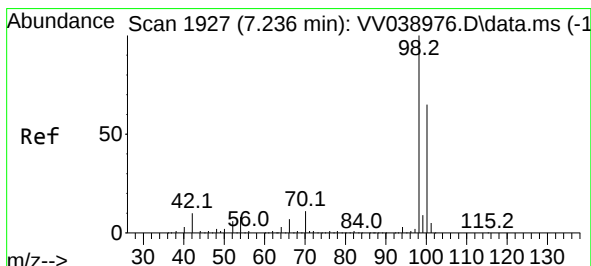
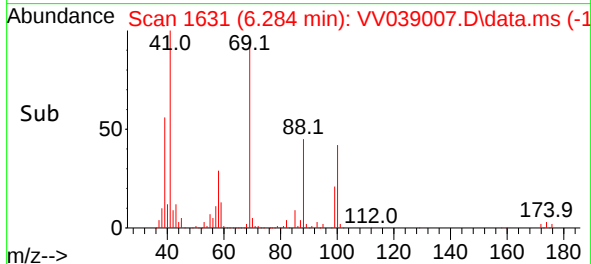
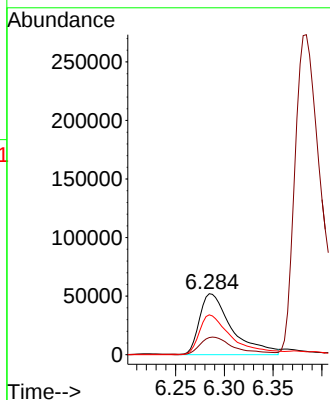
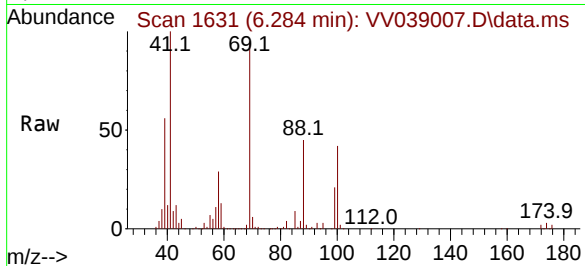




#49
1,4-Dioxane
Concen: 1126.074 ug/l
RT: 6.284 min Scan# 1
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

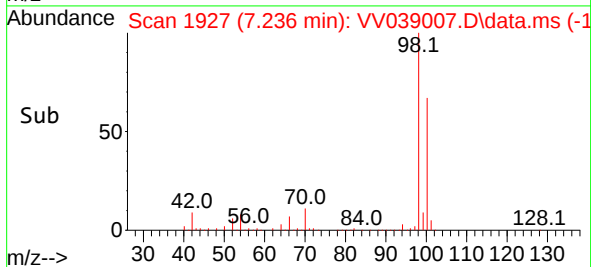
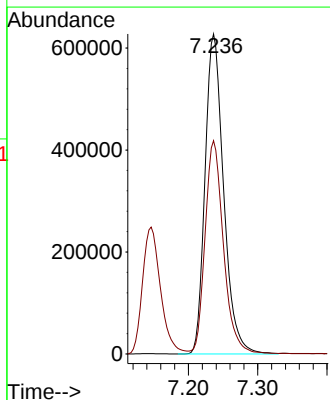
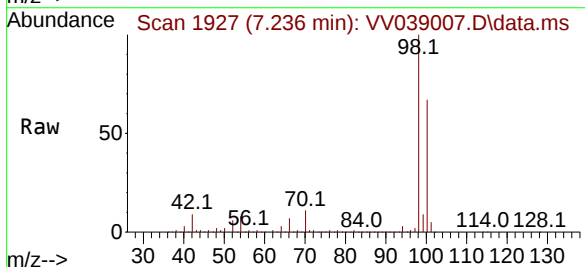
Instrument :
MSVOA_V
ClientSampleId :

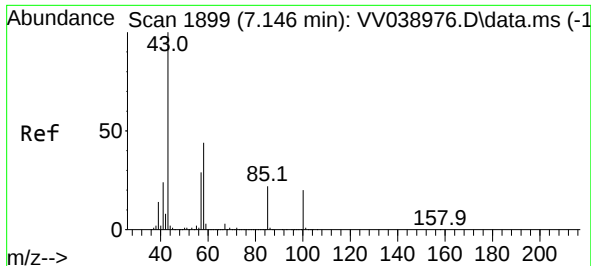
Tgt Ion: 88 Resp: 120513
Ion Ratio Lower Upper
88 100
43 28.3 24.6 36.8
58 65.7 51.8 77.6



#50
Toluene-d8
Concen: 45.381 ug/l
RT: 7.236 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 98 Resp: 1167068
Ion Ratio Lower Upper
98 100
100 65.6 52.2 78.2

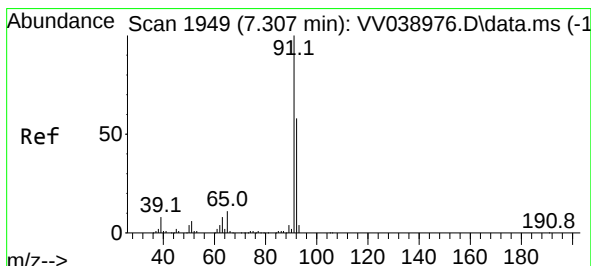
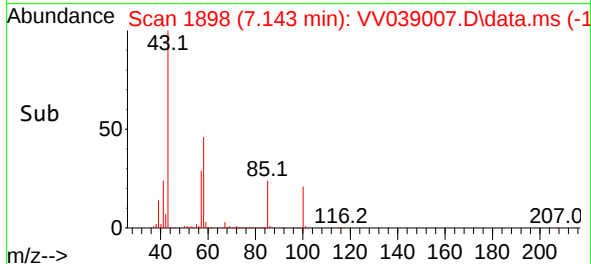
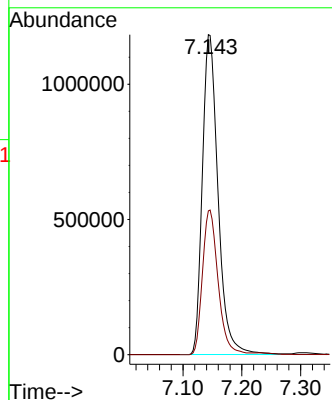
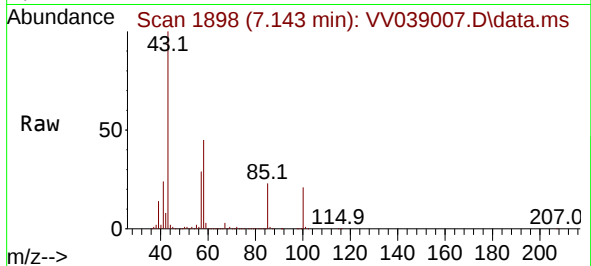




#51
4-Methyl-2-Pentanone
Concen: 233.720 ug/l
RT: 7.143 min Scan# 1899
Delta R.T. -0.003 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

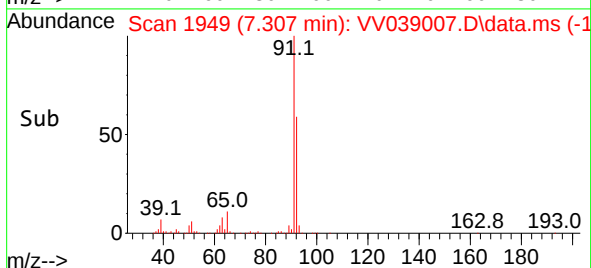
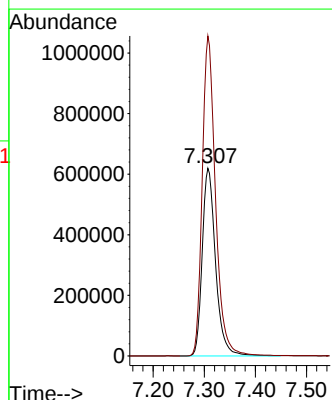
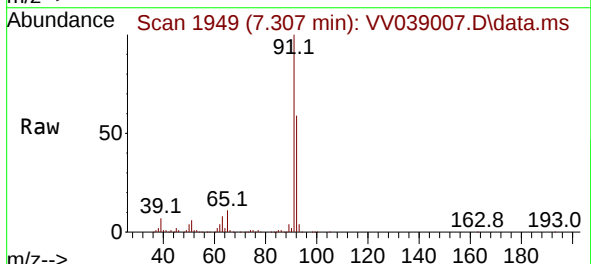
Instrument :
MSVOA_V
ClientSampleId :

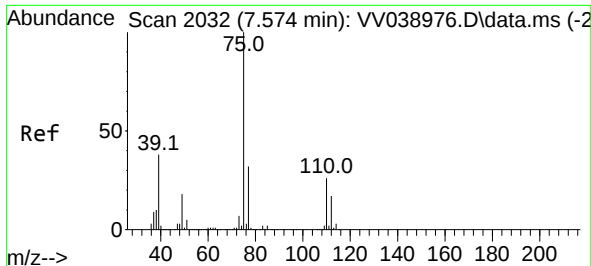
Tgt Ion: 43 Resp: 2191163
Ion Ratio Lower Upper
43 100
58 45.0 34.6 51.8



#52
Toluene
Concen: 59.186 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 92 Resp: 1124446
Ion Ratio Lower Upper
92 100
91 169.3 136.3 204.5

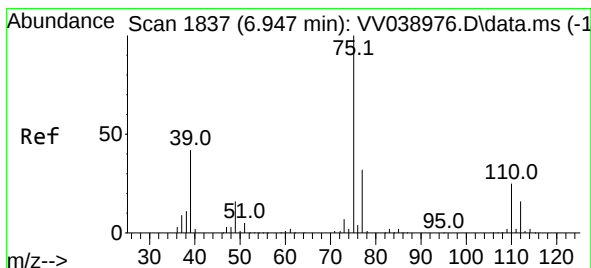
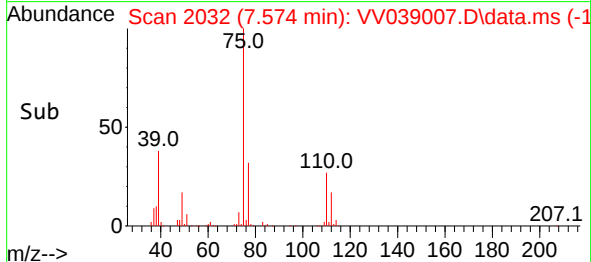
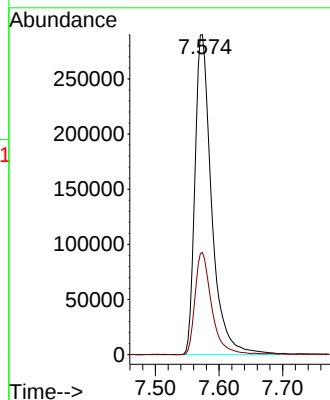
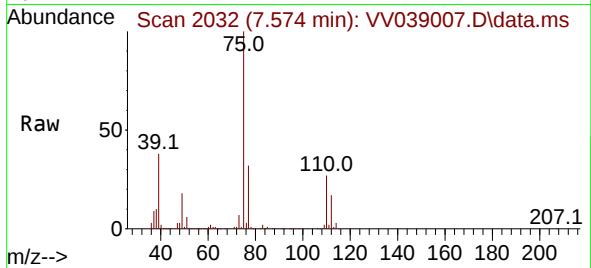




#53
 t-1,3-Dichloropropene
 Concen: 46.109 ug/l
 RT: 7.574 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VV039007.D
 Acq: 22 Aug 2025 01:03

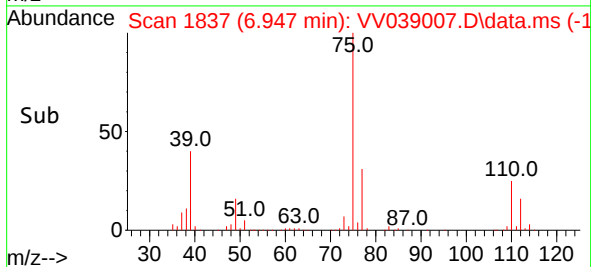
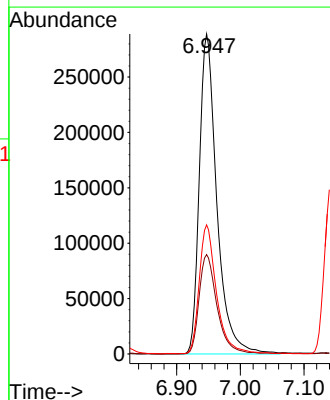
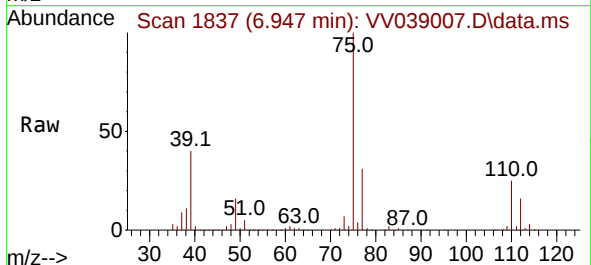
Instrument :
 MSVOA_V
 ClientSampleId :

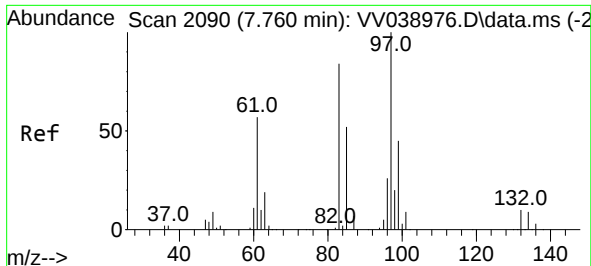
Tgt Ion: 75 Resp: 529577
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 46.406 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. -0.000 min
 Lab File: VV039007.D
 Acq: 22 Aug 2025 01:03

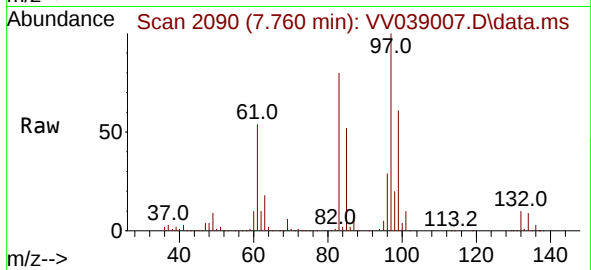
Tgt Ion: 75 Resp: 552240
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.6 38.4
 39 40.3 33.3 49.9





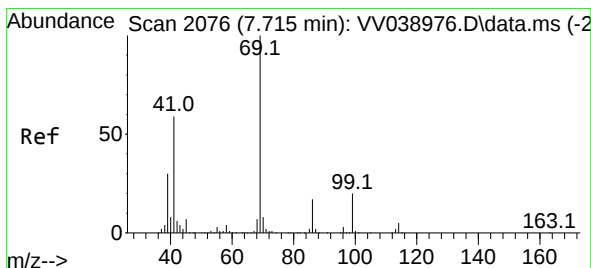
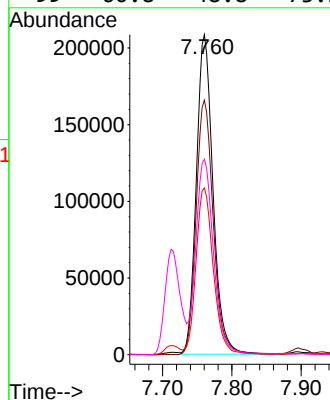
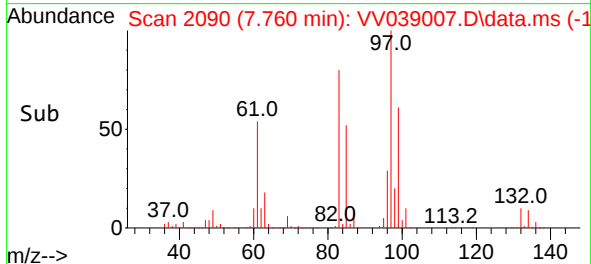
#55
 1,1,2-Trichloroethane
 Concen: 42.208 ug/l
 RT: 7.760 min Scan# 2090
 Delta R.T. -0.000 min
 Lab File: VV039007.D
 Acq: 22 Aug 2025 01:03

Instrument :
 MSVOA_V
 ClientSampleId :

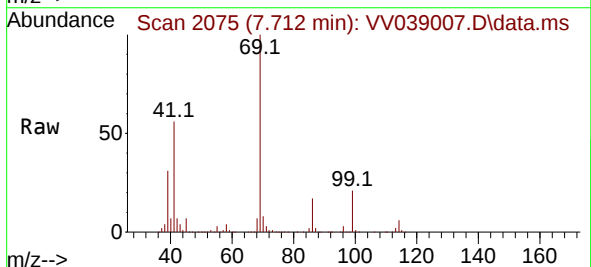


Tgt Ion: 97 Resp: 349631

Ion	Ratio	Lower	Upper
97	100		
83	79.6	67.2	100.8
85	52.0	42.7	64.1
99	60.8	48.8	73.2

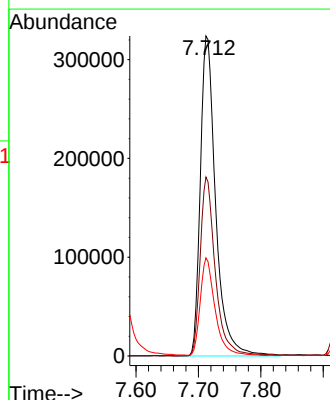
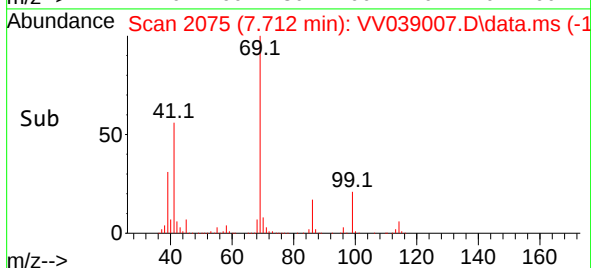


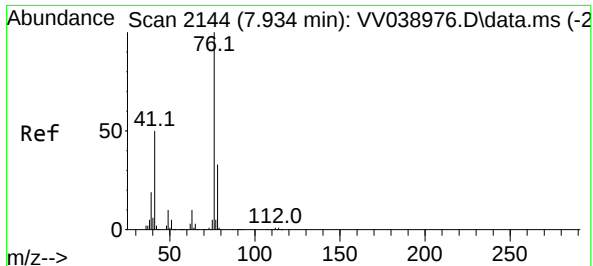
#56
 Ethyl methacrylate
 Concen: 44.339 ug/l
 RT: 7.712 min Scan# 2075
 Delta R.T. -0.003 min
 Lab File: VV039007.D
 Acq: 22 Aug 2025 01:03



Tgt Ion: 69 Resp: 555372

Ion	Ratio	Lower	Upper
69	100		
41	55.0	47.5	71.3
39	29.4	24.2	36.2





#57

1,3-Dichloropropane

Concen: 44.107 ug/l

RT: 7.934 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Instrument :

MSVOA_V

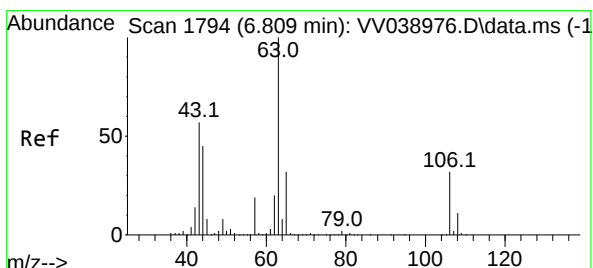
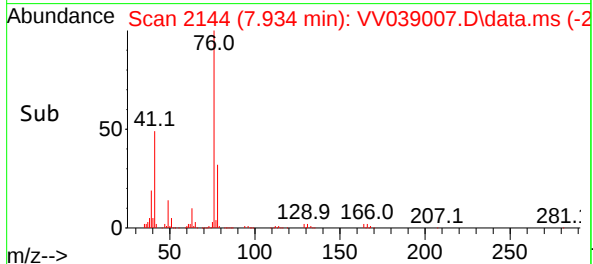
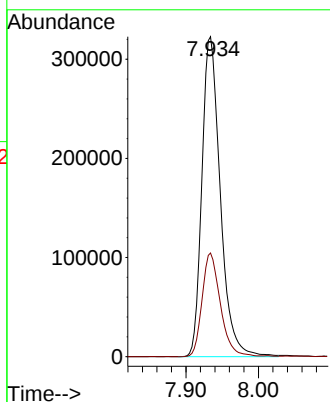
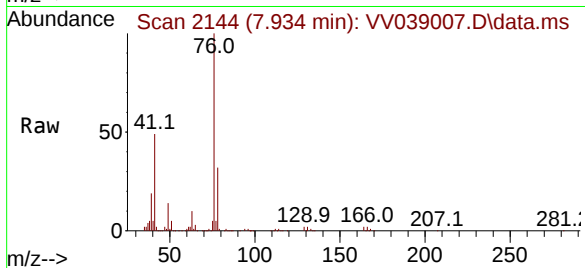
ClientSampleId :

Tgt Ion: 76 Resp: 569711

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 226.517 ug/l

RT: 6.809 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VV039007.D

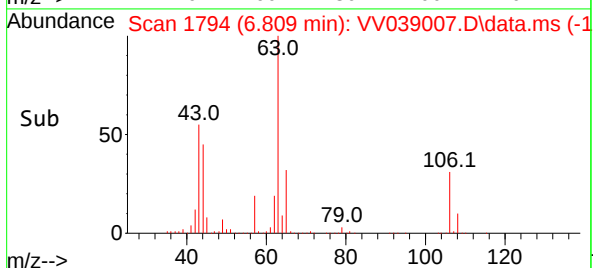
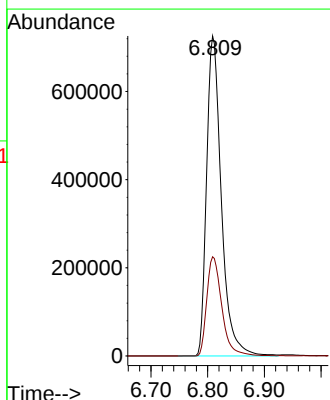
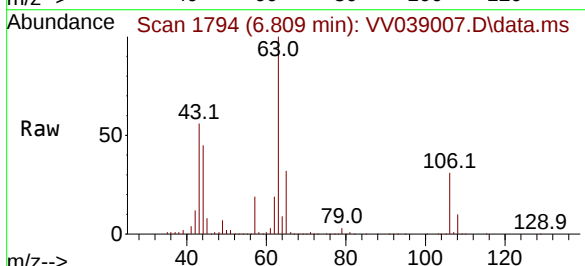
Acq: 22 Aug 2025 01:03

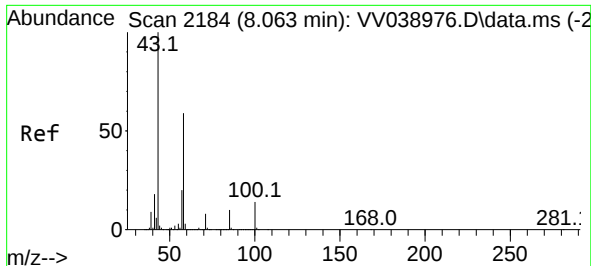
Tgt Ion: 63 Resp: 1314131

Ion Ratio Lower Upper

63 100

106 31.7 25.6 38.4





#59

2-Hexanone

Concen: 183.281 ug/l

RT: 8.063 min Scan# 2184

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Instrument :

MSVOA_V

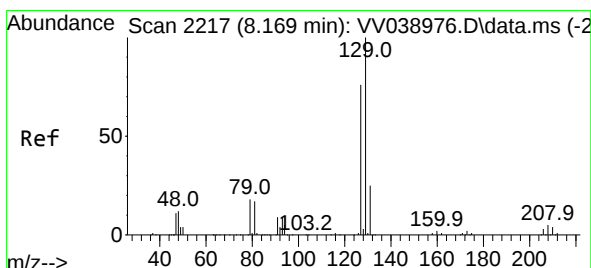
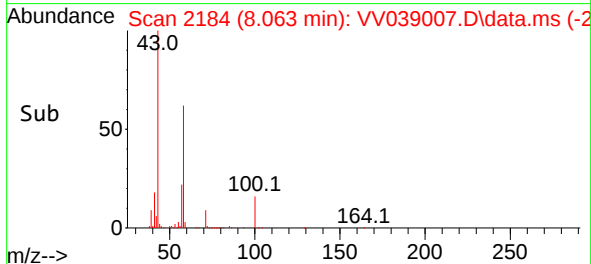
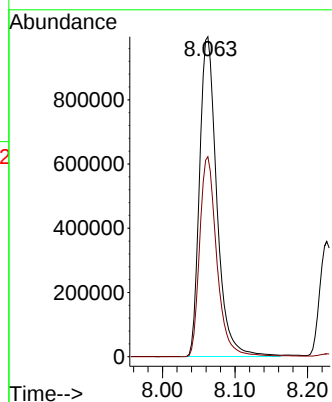
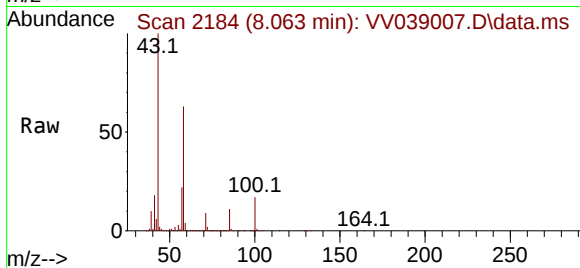
ClientSampleId :

Tgt Ion: 43 Resp: 1646880

Ion Ratio Lower Upper

43 100

58 62.1 29.8 89.4



#60

Dibromochloromethane

Concen: 43.122 ug/l

RT: 8.169 min Scan# 2217

Delta R.T. -0.000 min

Lab File: VV039007.D

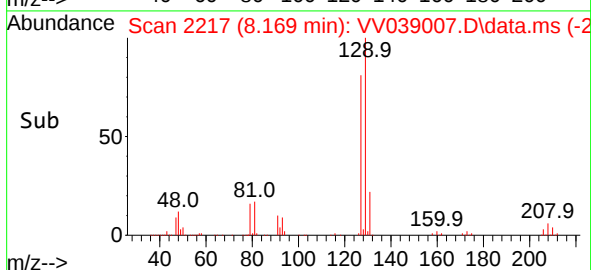
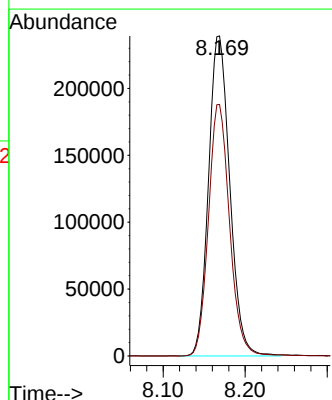
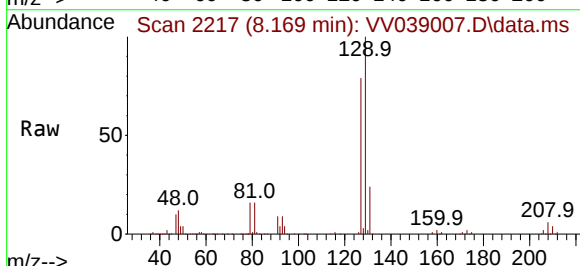
Acq: 22 Aug 2025 01:03

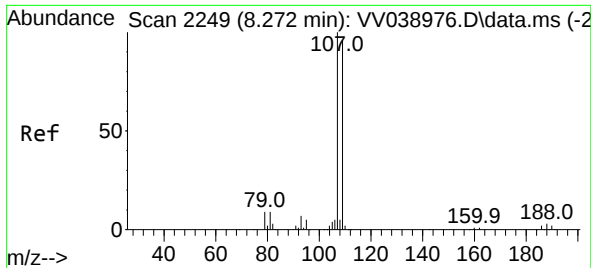
Tgt Ion:129 Resp: 431314

Ion Ratio Lower Upper

129 100

127 77.8 38.4 115.1

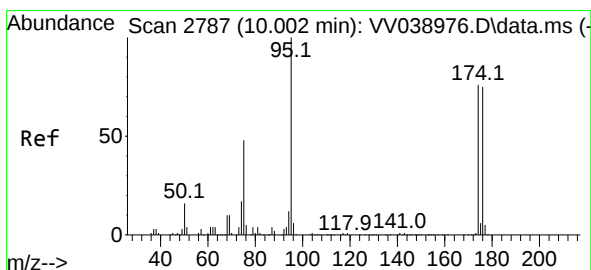
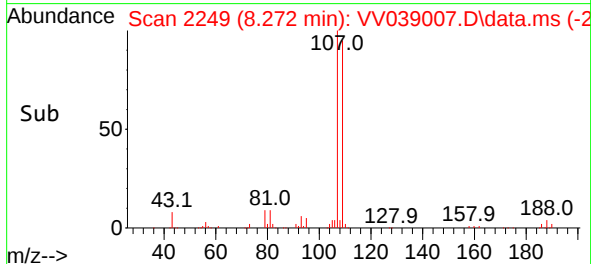
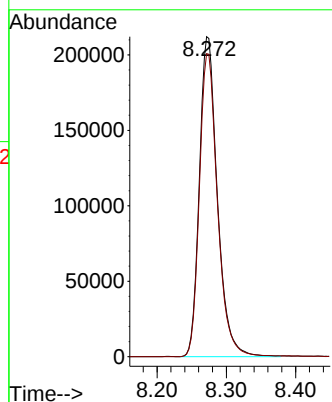
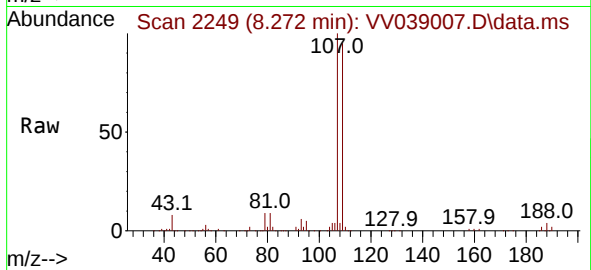




#61
1,2-Dibromoethane
Concen: 44.645 ug/l
RT: 8.272 min Scan# 2249
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

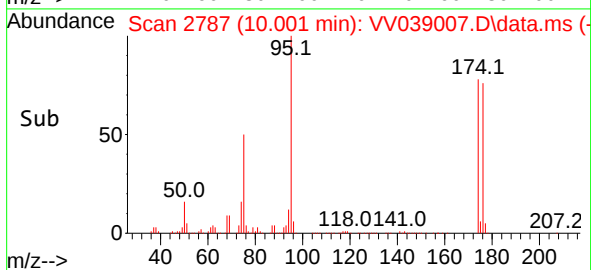
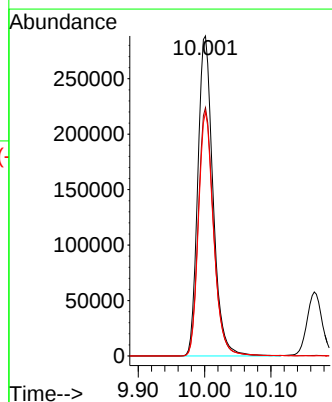
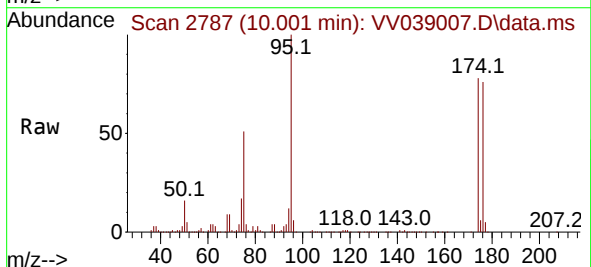
Instrument :
MSVOA_V
ClientSampleId :

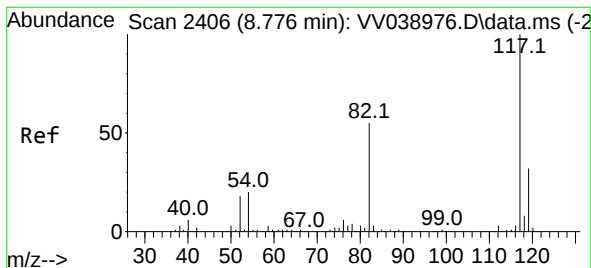
Tgt Ion:107 Resp: 383676
Ion Ratio Lower Upper
107 100
109 95.0 75.8 113.6



#62
4-Bromofluorobenzene
Concen: 48.801 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 95 Resp: 459116
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.4
176 75.7 0.0 148.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.776 min Scan# 2406

Delta R.T. 0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Instrument :

MSVOA_V

ClientSampleId :

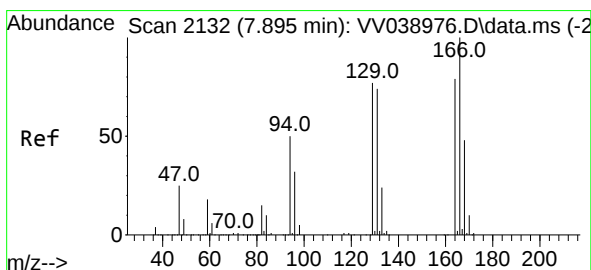
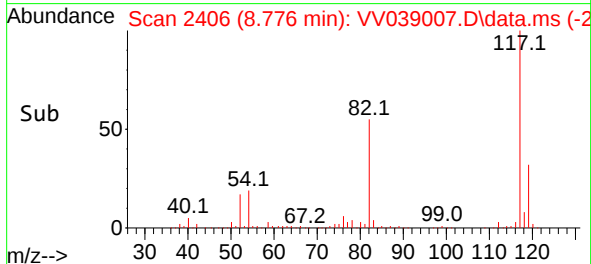
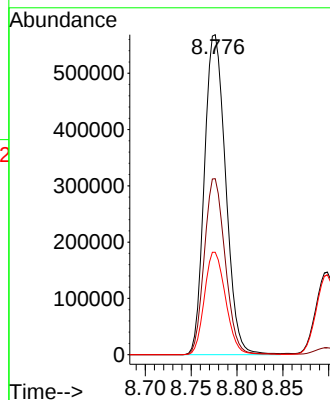
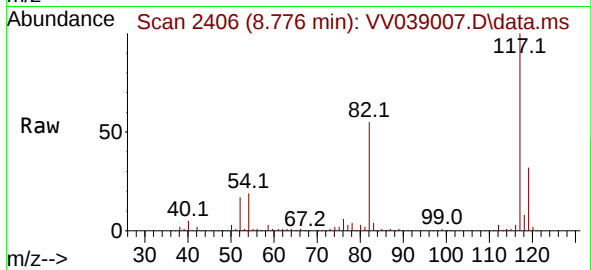
Tgt Ion:117 Resp: 917500

Ion Ratio Lower Upper

117 100

82 55.0 44.4 66.6

119 32.0 26.0 39.0



#64

Tetrachloroethene

Concen: 48.119 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Tgt Ion:164 Resp: 328507

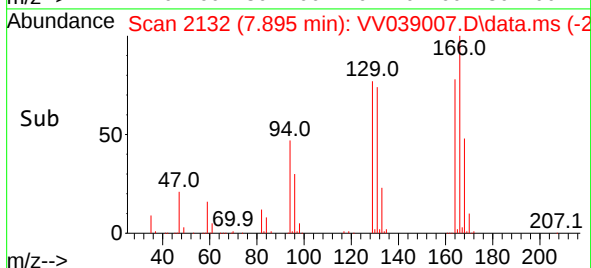
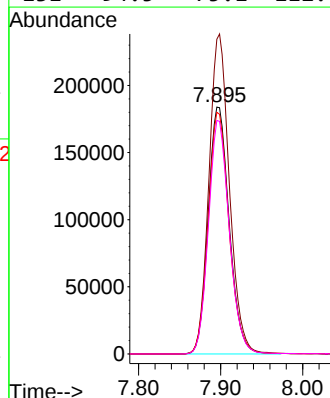
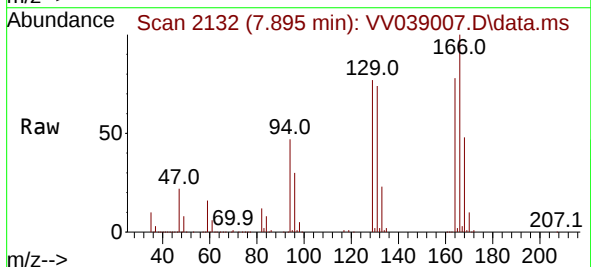
Ion Ratio Lower Upper

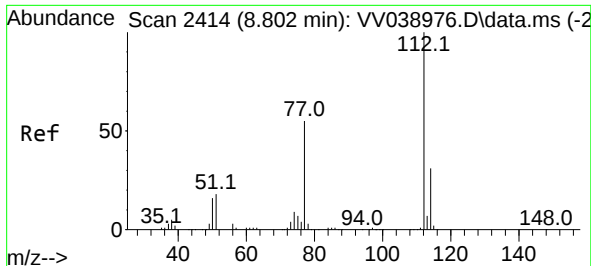
164 100

166 127.5 101.8 152.6

129 97.8 78.7 118.1

131 94.5 75.1 112.7

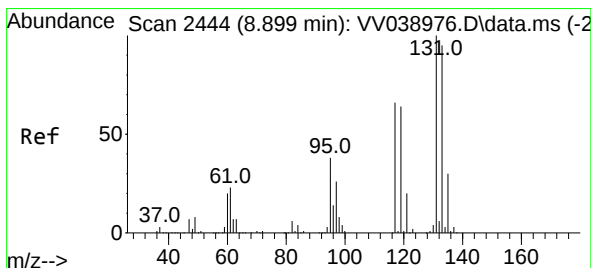
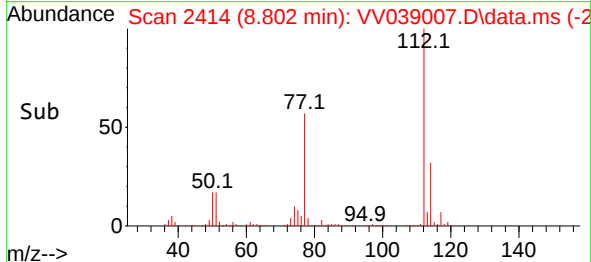
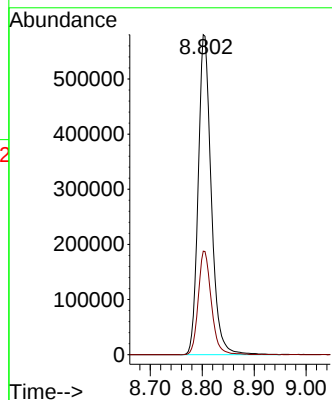
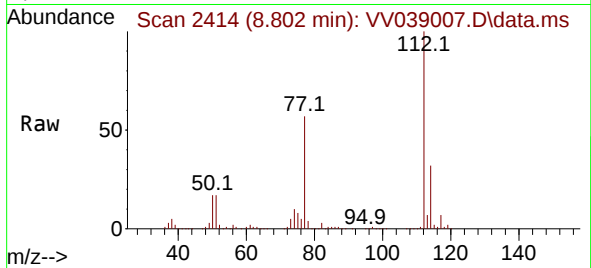




#65
Chlorobenzene
Concen: 45.747 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

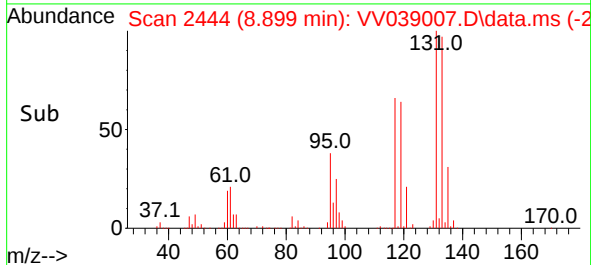
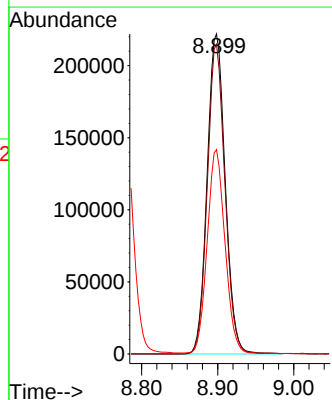
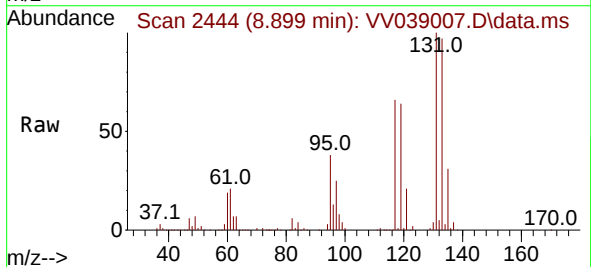
Instrument :
MSVOA_V
ClientSampleId :

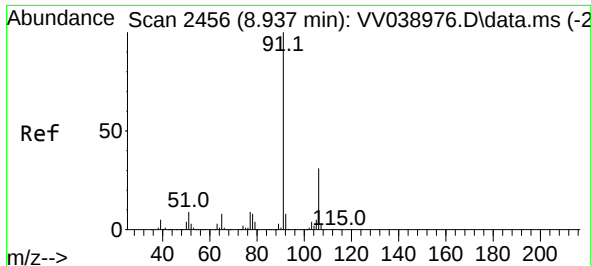
Tgt Ion:112 Resp: 1011998
Ion Ratio Lower Upper
112 100
114 32.4 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 46.311 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion:131 Resp: 367765
Ion Ratio Lower Upper
131 100
133 94.1 47.6 142.9
119 62.9 32.1 96.3





#67

Ethyl Benzene

Concen: 52.215 ug/l

RT: 8.937 min Scan# 2456

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Instrument :

MSVOA_V

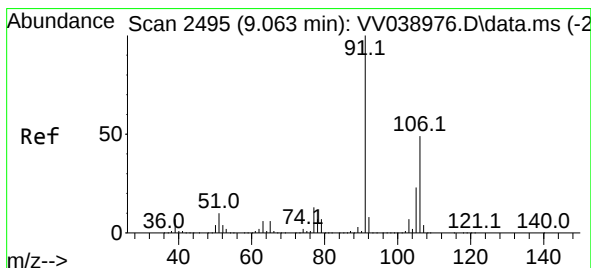
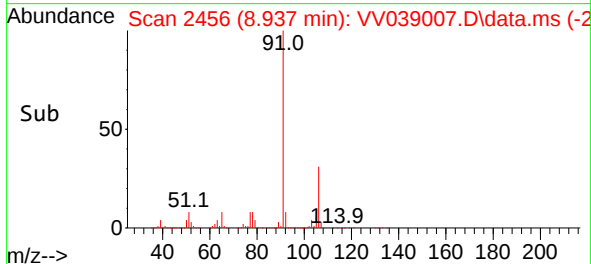
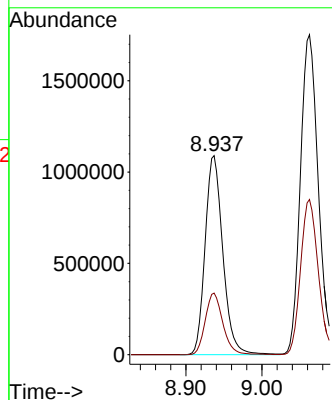
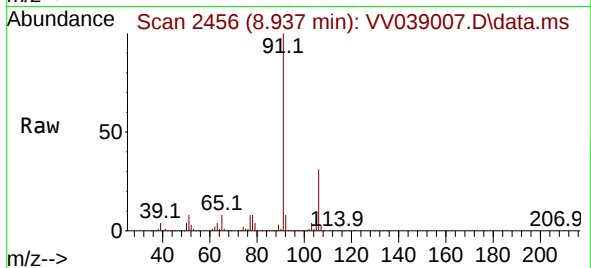
ClientSampleId :

Tgt Ion: 91 Resp: 1763357

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 106.102 ug/l

RT: 9.062 min Scan# 2495

Delta R.T. -0.000 min

Lab File: VV039007.D

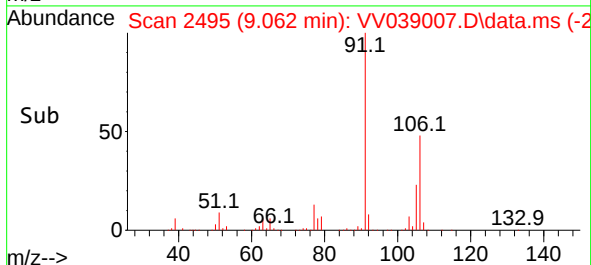
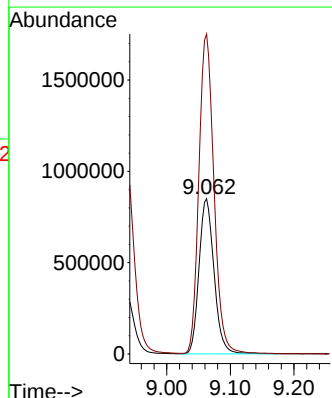
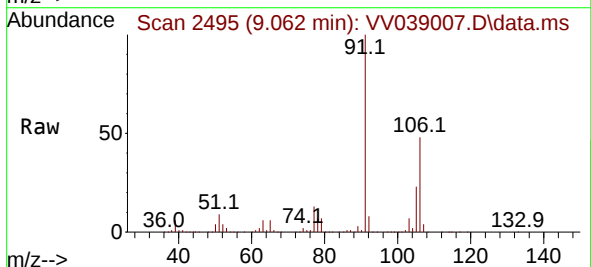
Acq: 22 Aug 2025 01:03

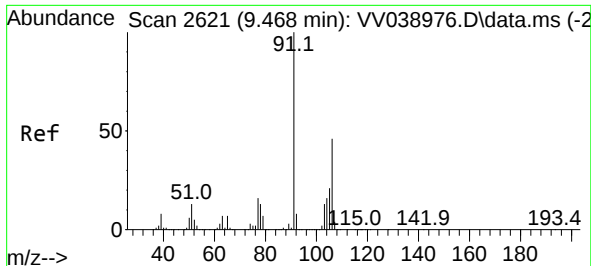
Tgt Ion:106 Resp: 1391616

Ion Ratio Lower Upper

106 100

91 207.3 163.6 245.4

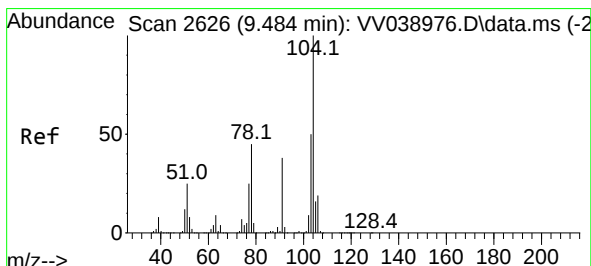
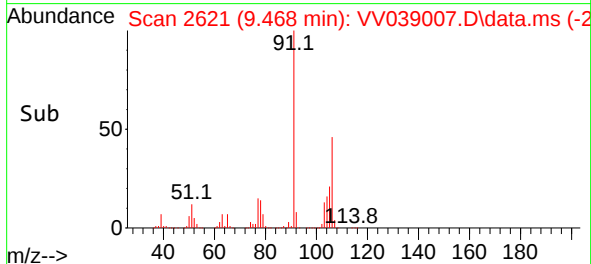
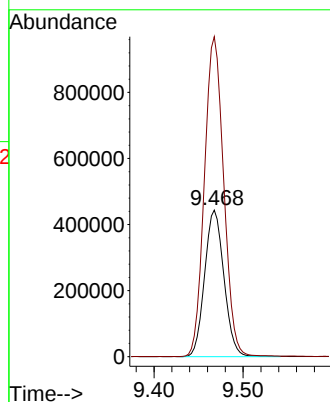
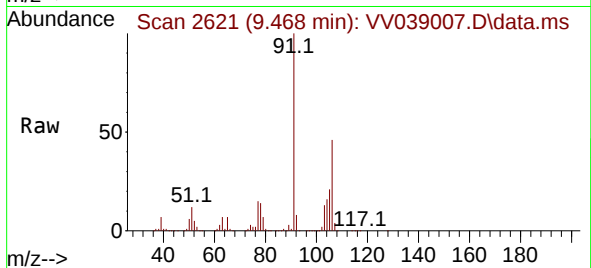




#69
o-Xylene
Concen: 55.762 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

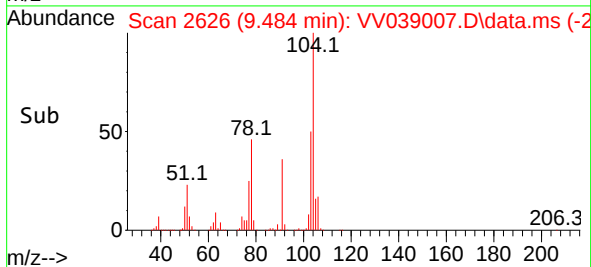
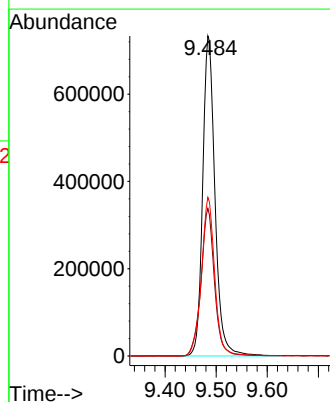
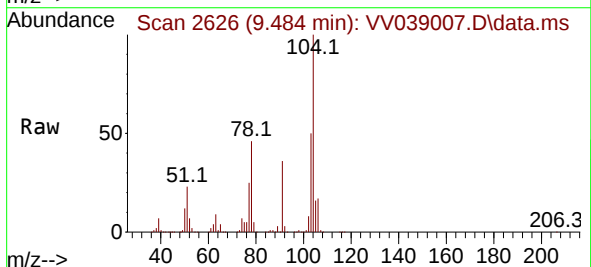
Instrument :
MSVOA_V
ClientSampleId :

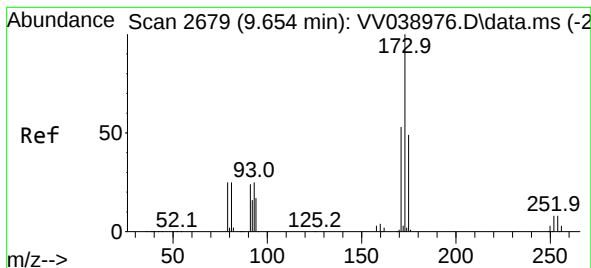
Tgt Ion:106 Resp: 666602
Ion Ratio Lower Upper
106 100
91 218.0 108.0 324.0



#70
Styrene
Concen: 59.885 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion:104 Resp: 1228204
Ion Ratio Lower Upper
104 100
78 50.4 39.8 59.8
103 53.7 43.5 65.3





#71

Bromoform

Concen: 48.277 ug/l

RT: 9.654 min Scan# 2

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Instrument :

MSVOA_V

ClientSampleId :

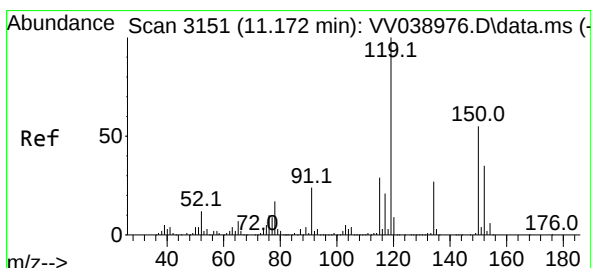
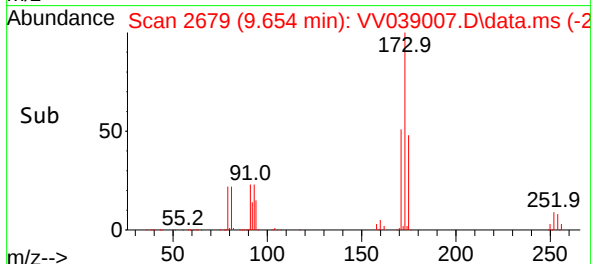
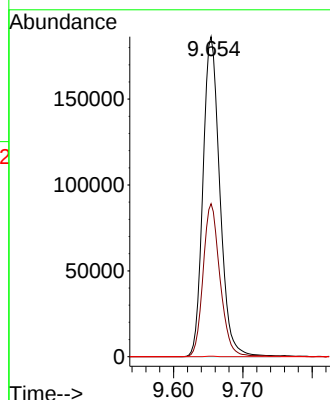
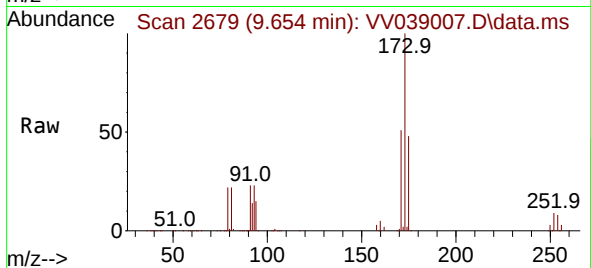
Tgt Ion:173 Resp: 315872

Ion Ratio Lower Upper

173 100

175 47.9 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: VV039007.D

Acq: 22 Aug 2025 01:03

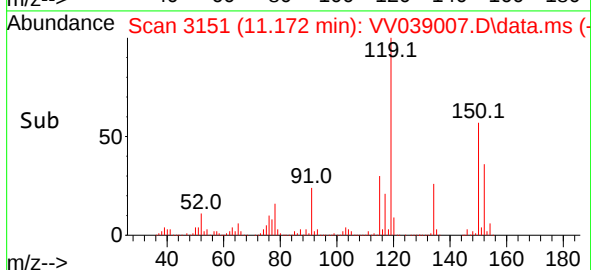
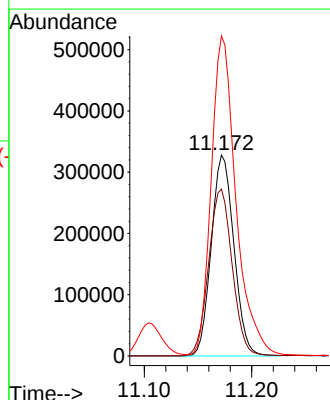
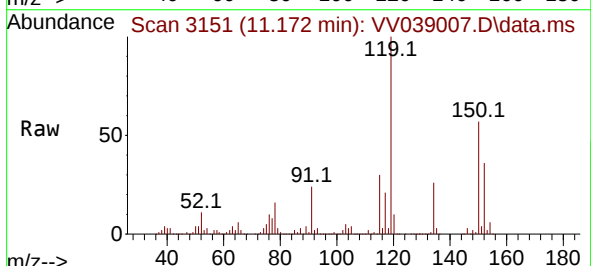
Tgt Ion:152 Resp: 479428

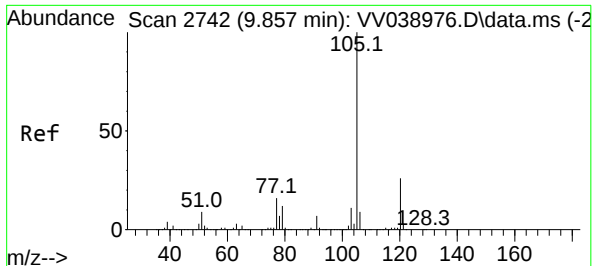
Ion Ratio Lower Upper

152 100

115 86.1 42.5 127.5

150 174.0 0.0 344.8

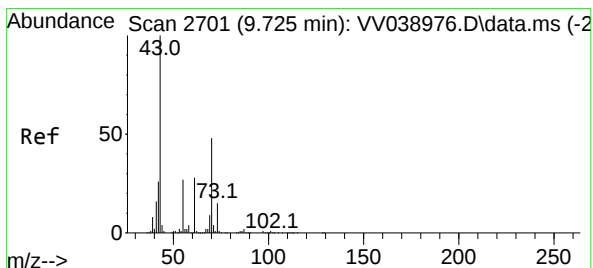
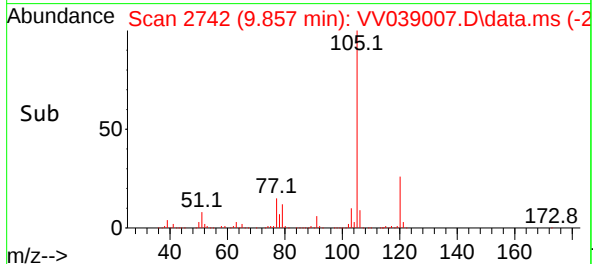
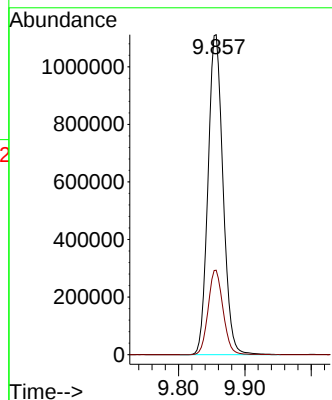
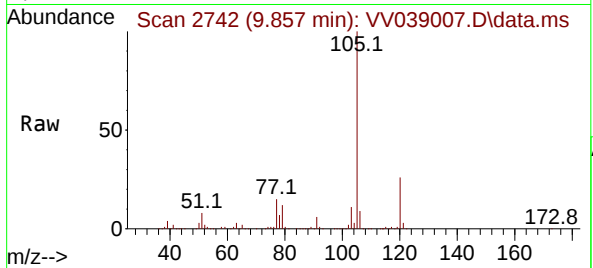




#73
Isopropylbenzene
Concen: 54.250 ug/l
RT: 9.857 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

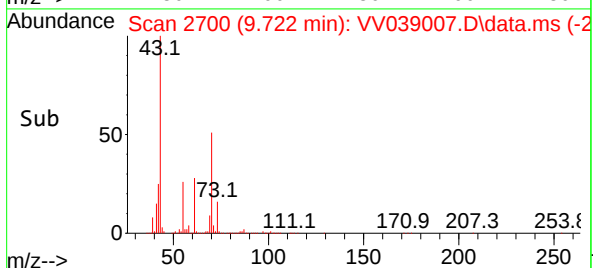
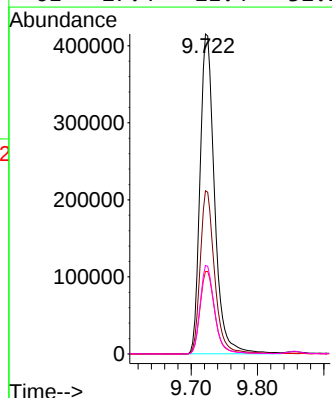
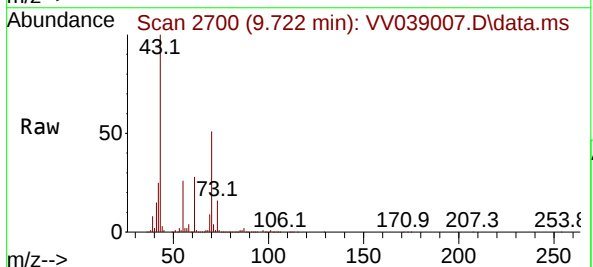
Instrument :
MSVOA_V
ClientSampleId :

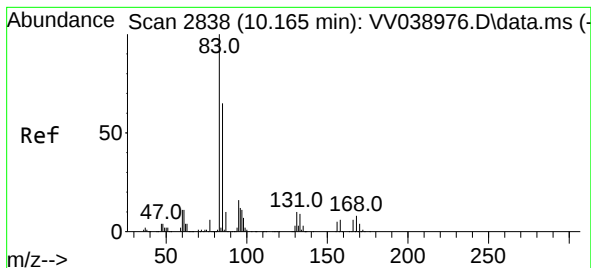
Tgt Ion:105 Resp: 1745278
Ion Ratio Lower Upper
105 100
120 26.3 13.1 39.1



#74
N-ethyl acetate
Concen: 53.635 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 43 Resp: 632173
Ion Ratio Lower Upper
43 100
70 50.6 38.3 57.5
55 26.6 21.6 32.4
61 27.4 21.4 32.2

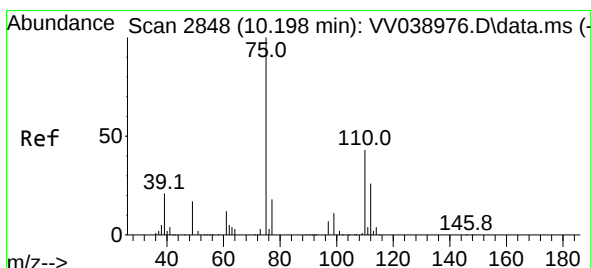
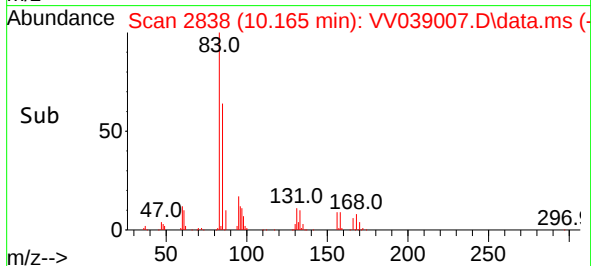
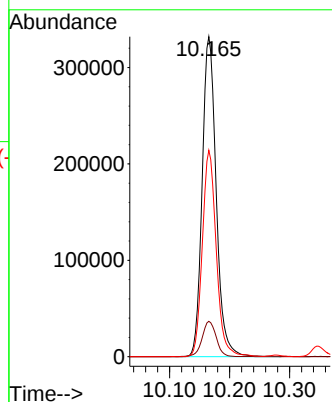
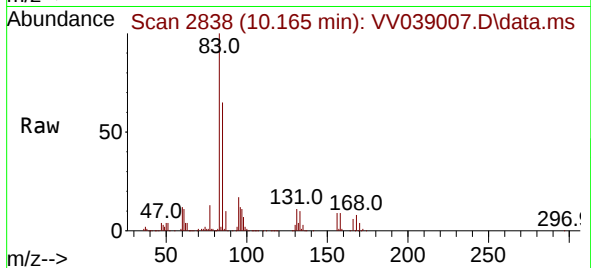




#75
 1,1,2,2-Tetrachloroethane
 Concen: 42.315 ug/l
 RT: 10.165 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV039007.D
 Acq: 22 Aug 2025 01:03

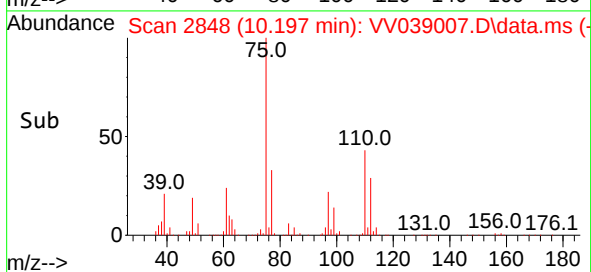
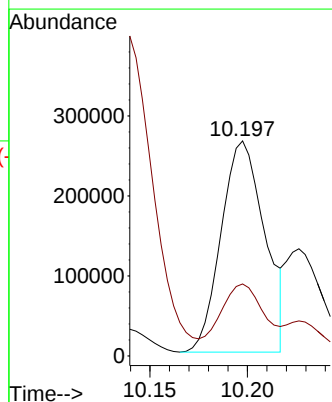
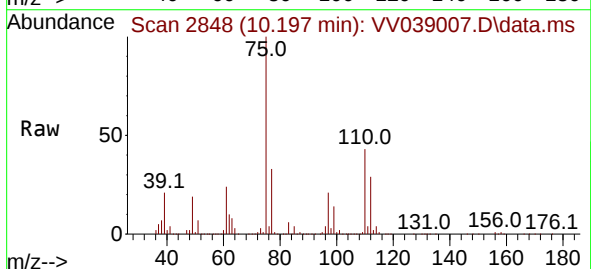
Instrument :
 MSVOA_V
 ClientSampleId :

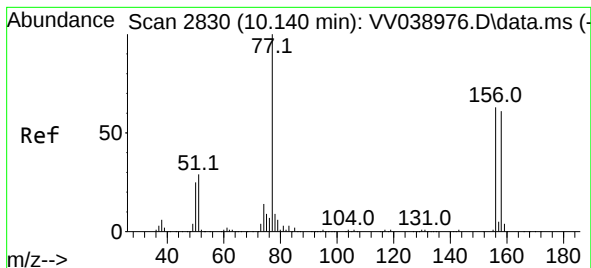
Tgt Ion: 83 Resp: 540646
 Ion Ratio Lower Upper
 83 100
 131 11.2 5.3 15.9
 85 64.2 32.5 97.5



#76
 1,2,3-Trichloropropane
 Concen: 46.338 ug/l
 RT: 10.197 min Scan# 2848
 Delta R.T. -0.000 min
 Lab File: VV039007.D
 Acq: 22 Aug 2025 01:03

Tgt Ion: 75 Resp: 412075
 Ion Ratio Lower Upper
 75 100
 77 22.5 11.3 33.8





#77

Bromobenzene

Concen: 51.626 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Instrument :

MSVOA_V

ClientSampleId :

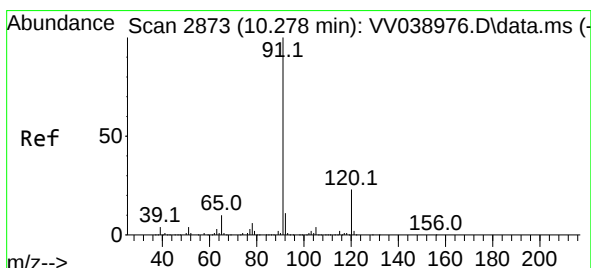
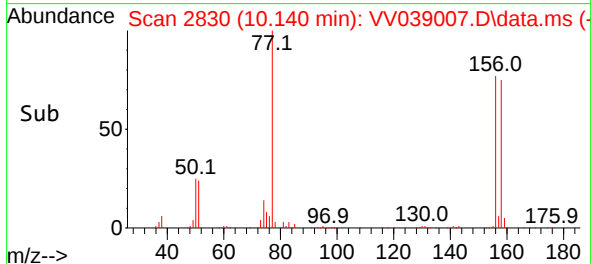
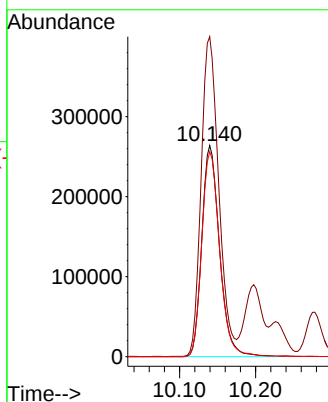
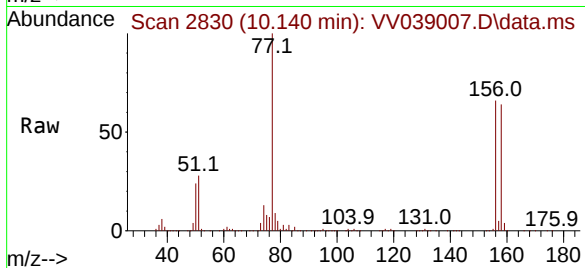
Tgt Ion:156 Resp: 426726

Ion Ratio Lower Upper

156 100

77 150.5 79.0 237.0

158 98.2 48.6 145.9



#78

n-propylbenzene

Concen: 52.283 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. -0.000 min

Lab File: VV039007.D

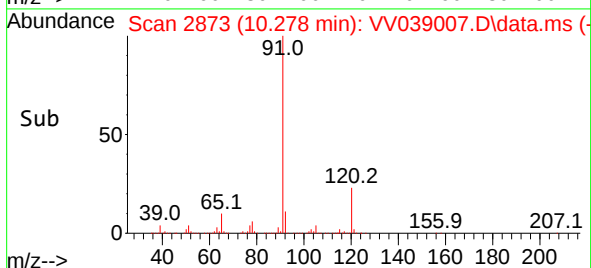
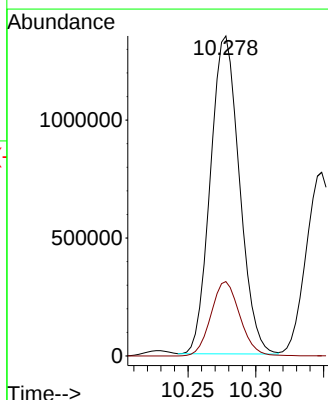
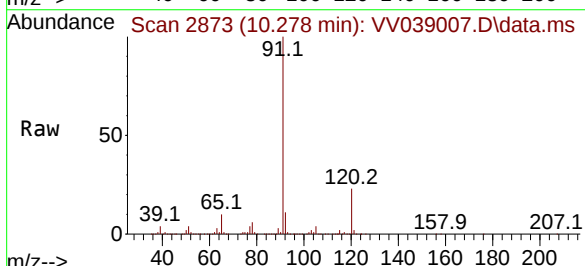
Acq: 22 Aug 2025 01:03

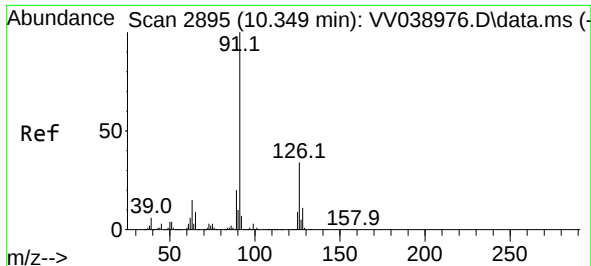
Tgt Ion: 91 Resp: 2008198

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

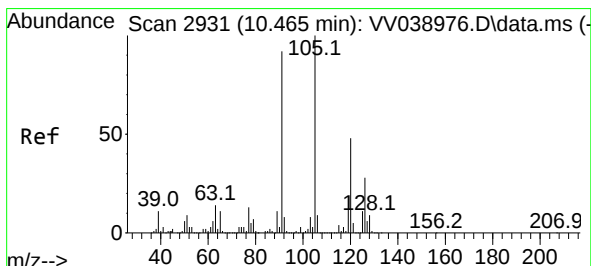
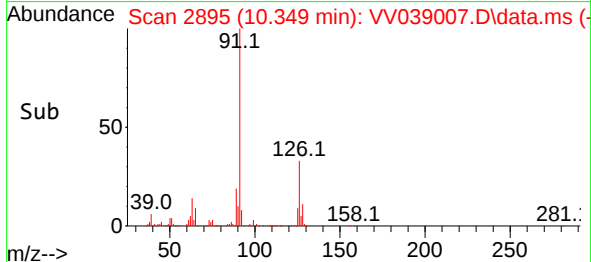
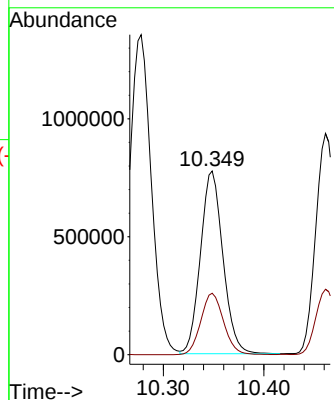
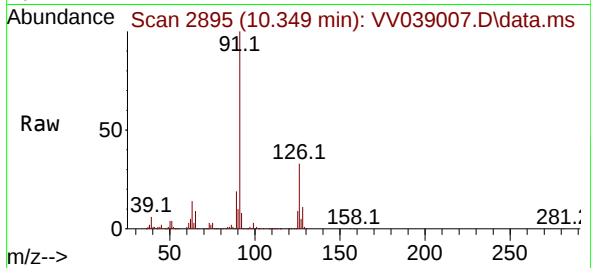




#79
2-Chlorotoluene
Concen: 52.228 ug/l
RT: 10.349 min Scan# 2895
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

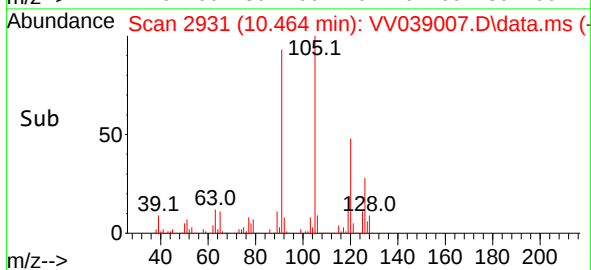
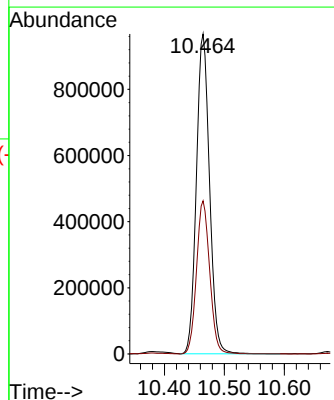
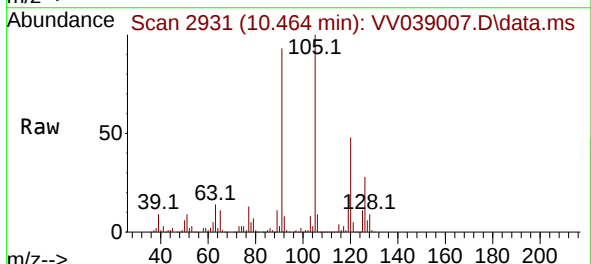
Instrument :
MSVOA_V
ClientSampleId :

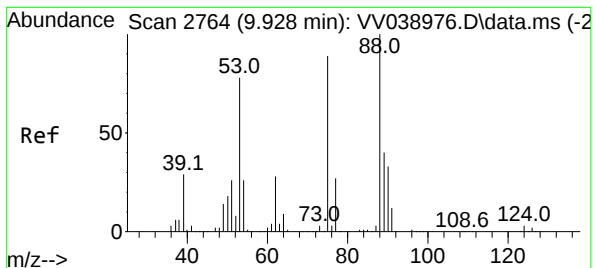
Tgt Ion: 91 Resp: 1204486
Ion Ratio Lower Upper
91 100
126 34.1 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 54.449 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 105 Resp: 1474146
Ion Ratio Lower Upper
105 100
120 48.1 23.9 71.7

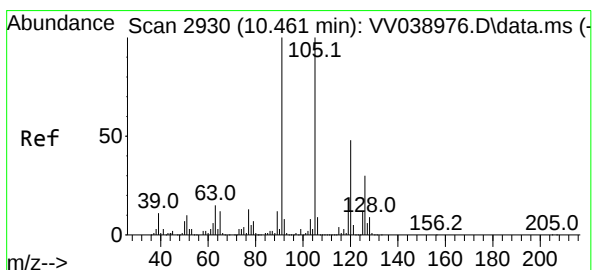
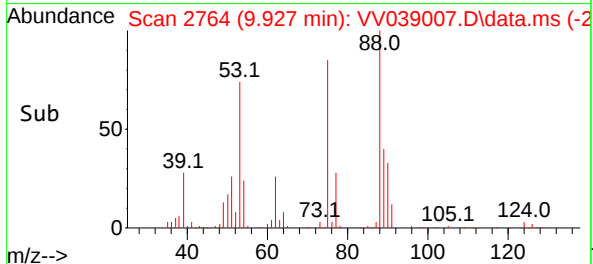
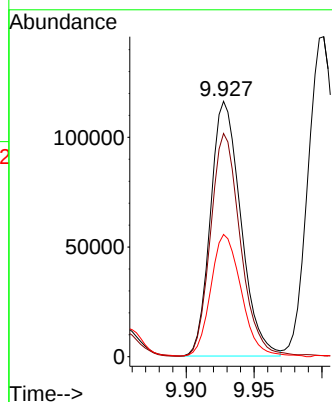
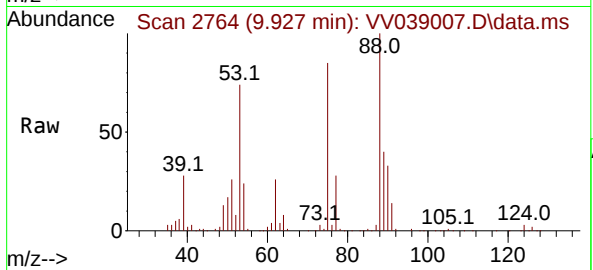




#81
trans-1,4-Dichloro-2-butene
Concen: 46.762 ug/l
RT: 9.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

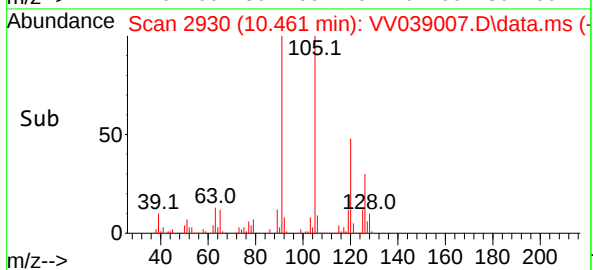
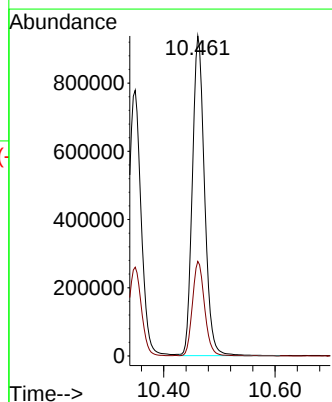
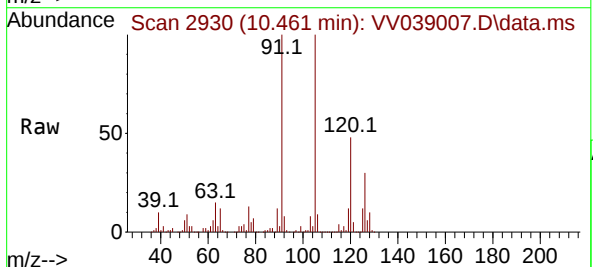
Instrument :
MSVOA_V
ClientSampleId :

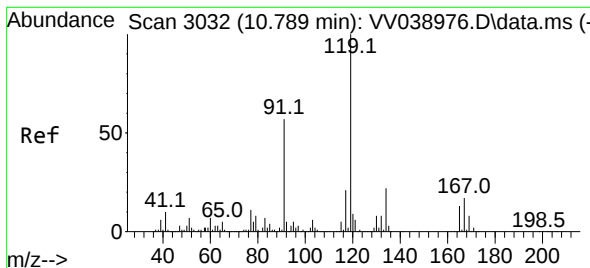
Tgt Ion: 75 Resp: 181124
Ion Ratio Lower Upper
75 100
53 85.8 70.3 105.5
89 48.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 53.391 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 91 Resp: 1419177
Ion Ratio Lower Upper
91 100
126 29.2 14.9 44.5





#83

tert-Butylbenzene

Concen: 55.581 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Instrument :

MSVOA_V

ClientSampleId :

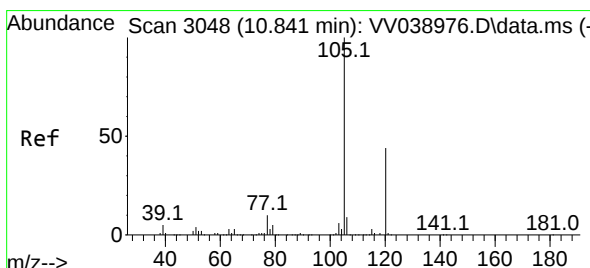
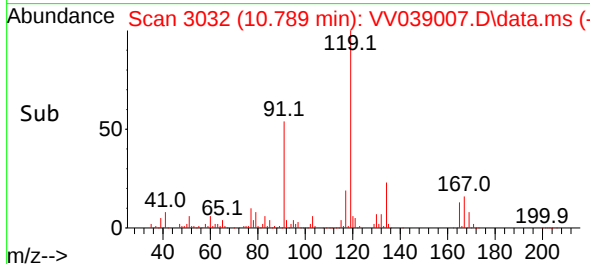
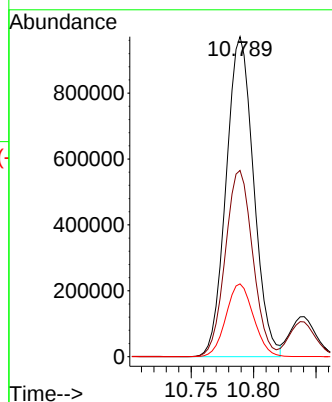
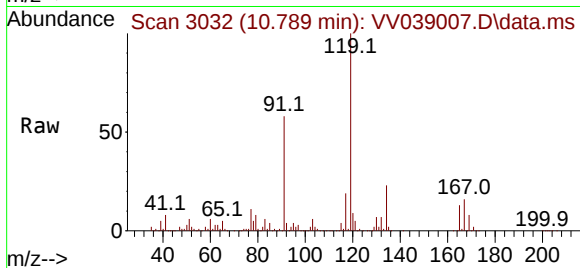
Tgt Ion:119 Resp: 1494191

Ion Ratio Lower Upper

119 100

91 57.9 28.4 85.3

134 22.8 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 57.382 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. -0.003 min

Lab File: VV039007.D

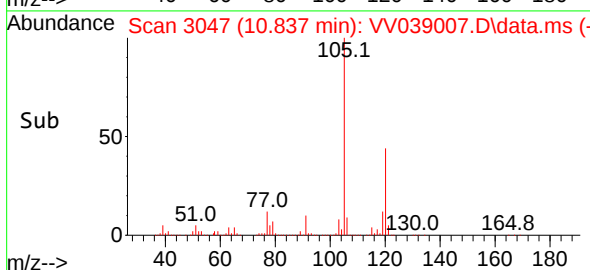
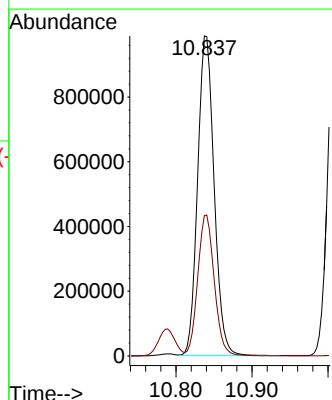
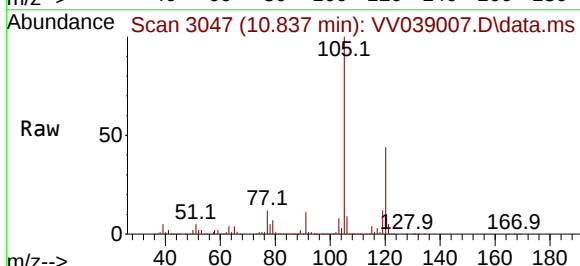
Acq: 22 Aug 2025 01:03

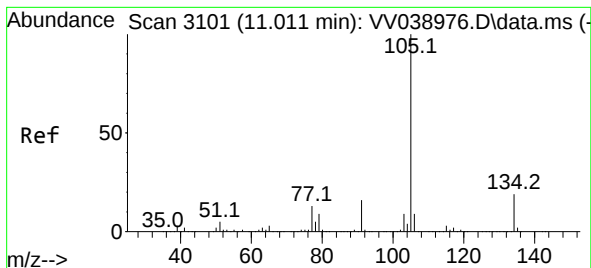
Tgt Ion:105 Resp: 1486687

Ion Ratio Lower Upper

105 100

120 44.1 22.8 68.3





#85

sec-Butylbenzene

Concen: 53.189 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Instrument :

MSVOA_V

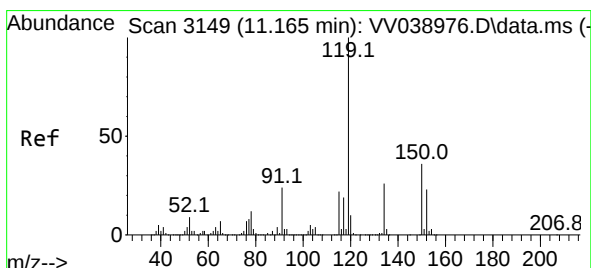
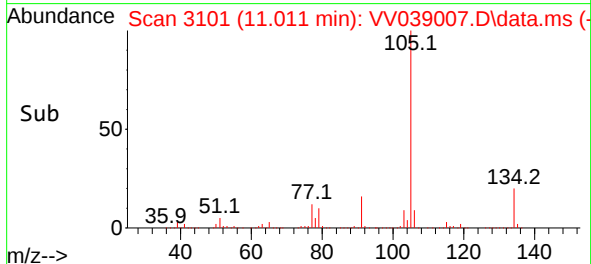
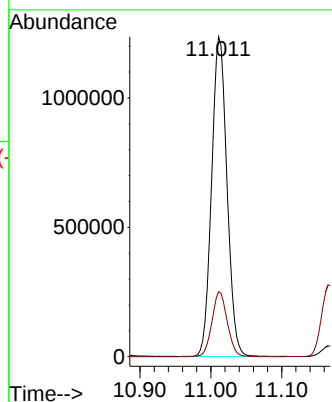
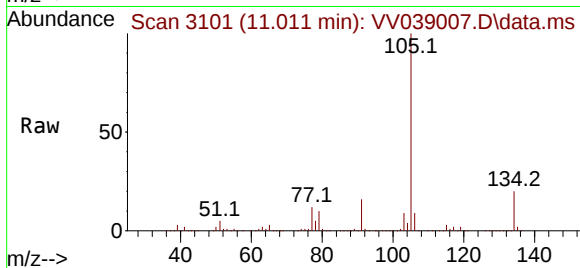
ClientSampleId :

Tgt Ion:105 Resp: 1859592

Ion Ratio Lower Upper

105 100

134 20.3 9.9 29.7



#86

p-Isopropyltoluene

Concen: 53.377 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

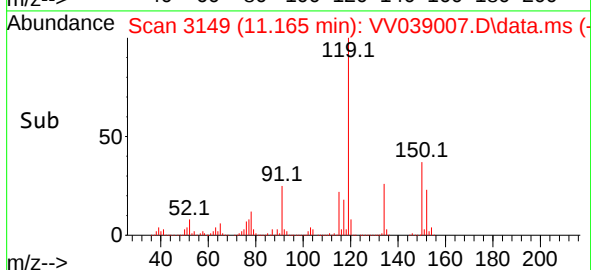
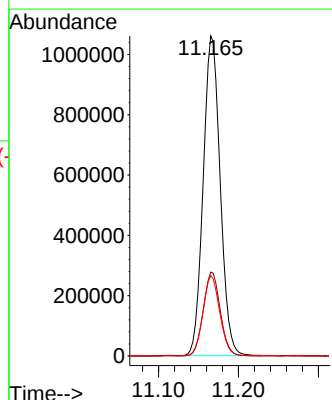
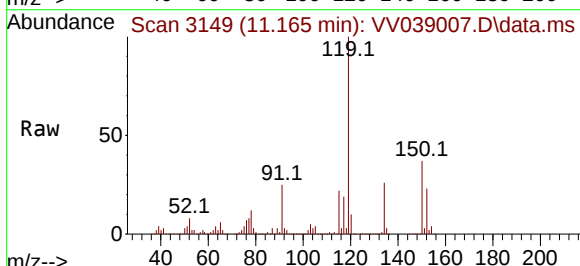
Tgt Ion:119 Resp: 1571597

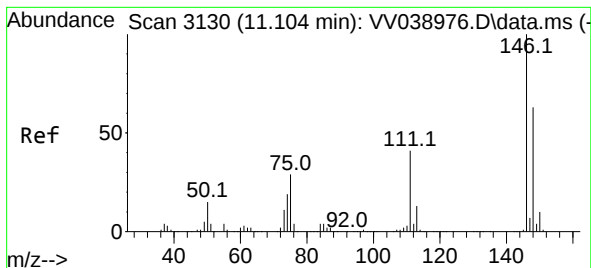
Ion Ratio Lower Upper

119 100

134 26.0 13.0 38.9

91 24.7 12.4 37.0





#87

1,3-Dichlorobenzene

Concen: 48.920 ug/l

RT: 11.104 min Scan# 3130

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Instrument :

MSVOA_V

ClientSampleId :

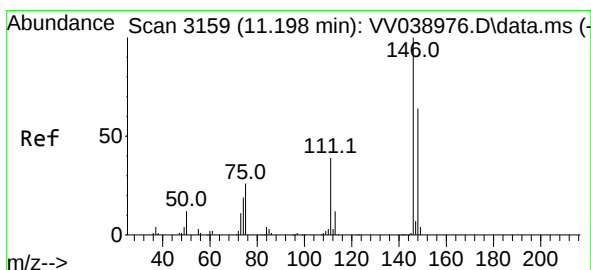
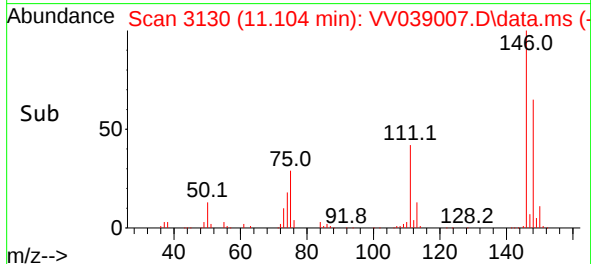
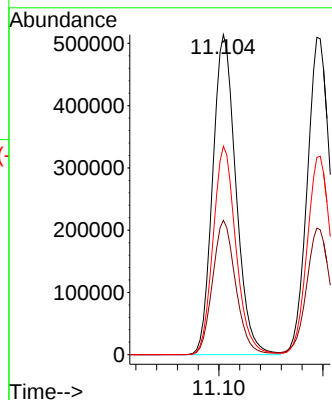
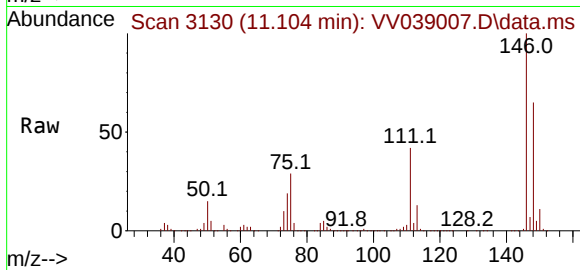
Tgt Ion:146 Resp: 798454

Ion Ratio Lower Upper

146 100

111 41.6 20.5 61.6

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 46.407 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. -0.003 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

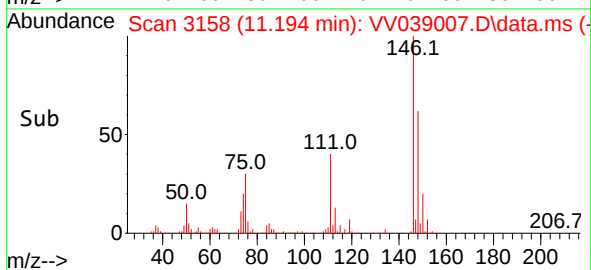
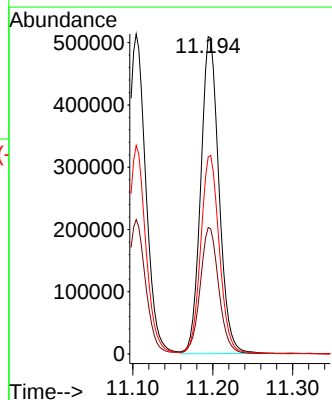
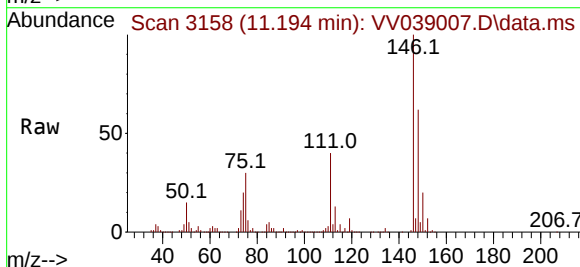
Tgt Ion:146 Resp: 807966

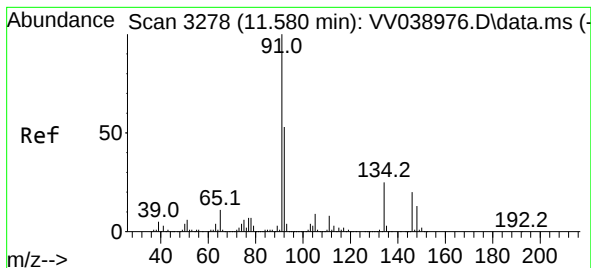
Ion Ratio Lower Upper

146 100

111 40.6 20.0 60.0

148 63.9 31.8 95.3





#89

n-Butylbenzene

Concen: 49.800 ug/l

RT: 11.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

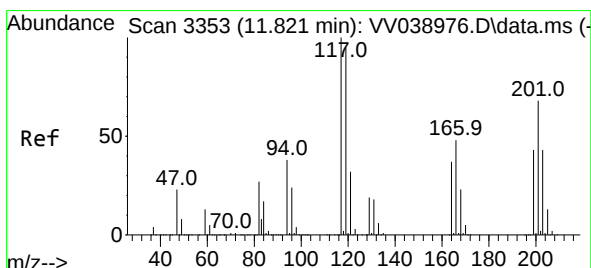
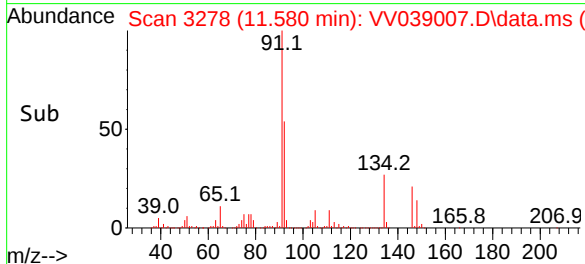
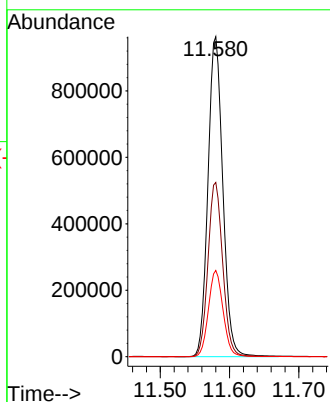
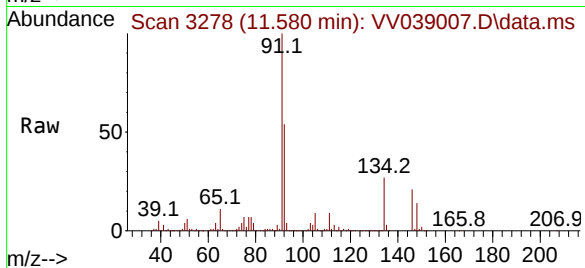
Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 91 Resp: 1428532

Ion	Ratio	Lower	Upper
91	100		
92	54.2	26.5	79.5
134	26.6	12.6	37.8



#90

Hexachloroethane

Concen: 42.613 ug/l

RT: 11.821 min Scan# 3353

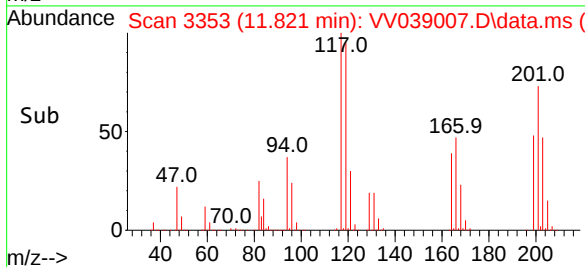
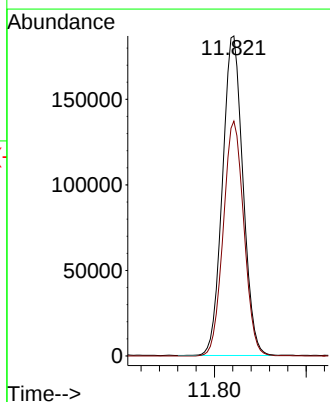
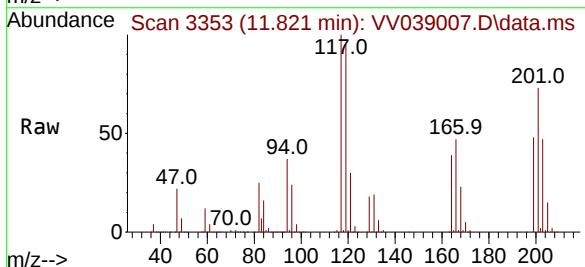
Delta R.T. -0.000 min

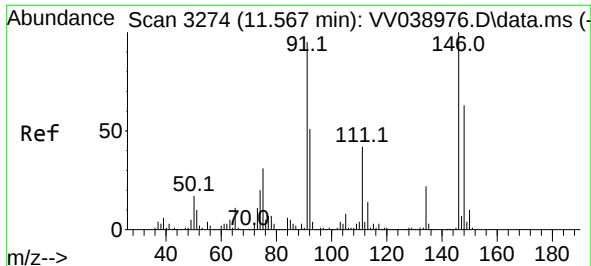
Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Tgt Ion: 117 Resp: 289961

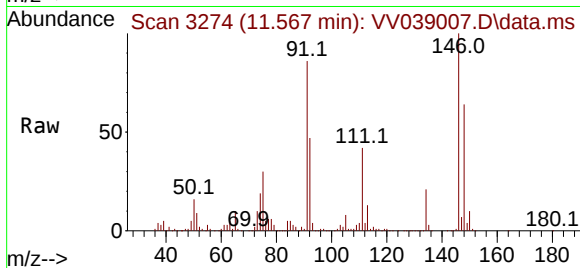
Ion	Ratio	Lower	Upper
117	100		
201	73.7	33.7	101.0



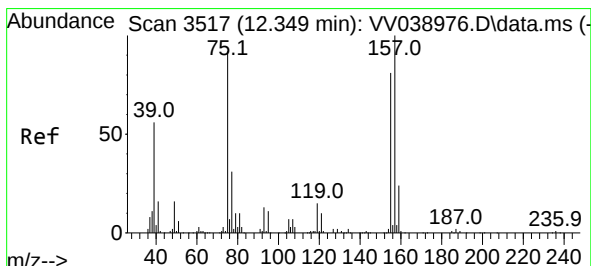
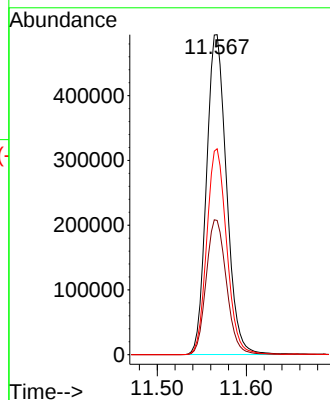
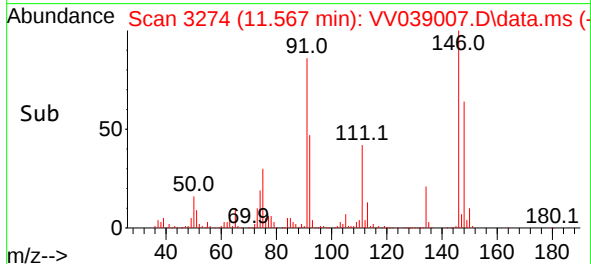


#91
1,2-Dichlorobenzene
Concen: 49.550 ug/l
RT: 11.567 min Scan# 311
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Instrument :
MSVOA_V
ClientSampleId :

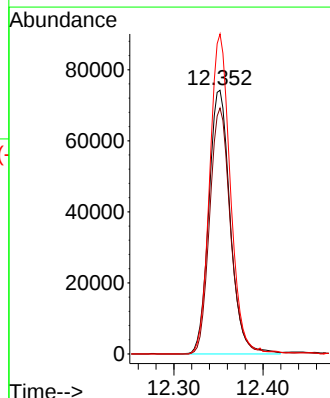
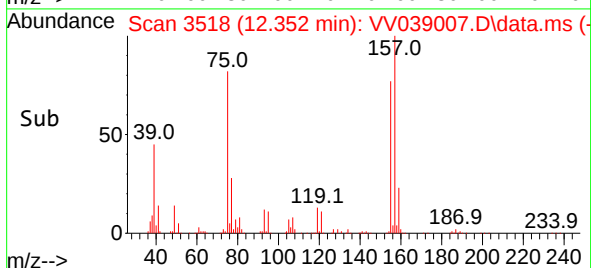
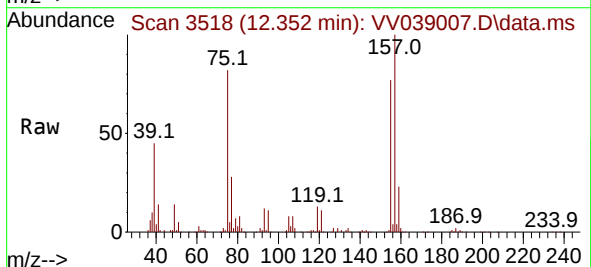


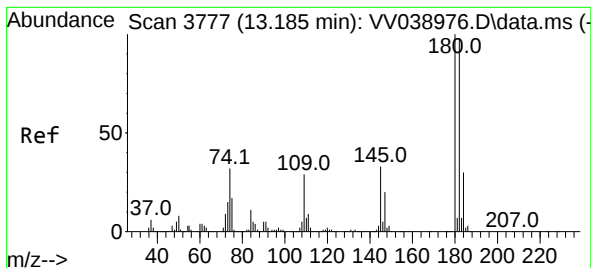
Tgt Ion:146 Resp: 771155
Ion Ratio Lower Upper
146 100
111 42.8 21.1 63.4
148 64.2 31.9 95.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.843 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.003 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion: 75 Resp: 123854
Ion Ratio Lower Upper
75 100
155 90.9 43.7 131.1
157 116.2 54.1 162.3





#93

1,2,4-Trichlorobenzene

Concen: 56.744 ug/l

RT: 13.185 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

Instrument :

MSVOA_V

ClientSampleId :

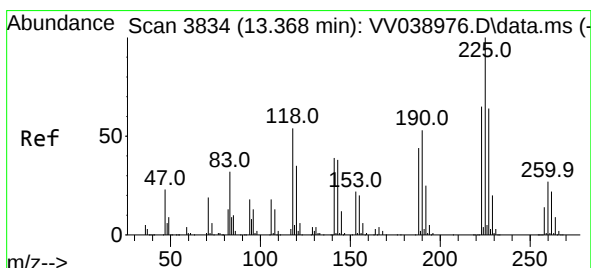
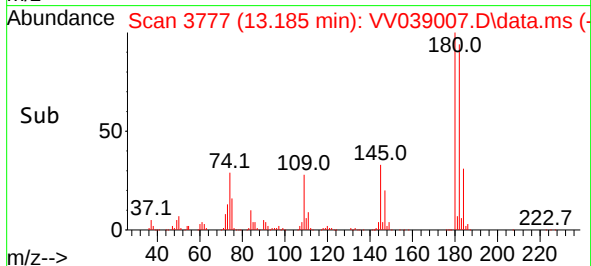
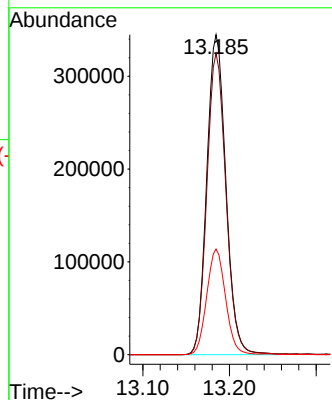
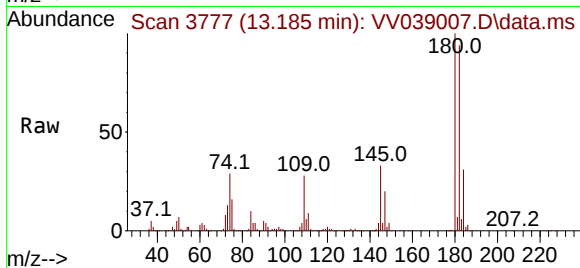
Tgt Ion:180 Resp: 526994

Ion Ratio Lower Upper

180 100

182 94.4 47.3 142.0

145 32.6 16.3 48.8



#94

Hexachlorobutadiene

Concen: 47.689 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. -0.000 min

Lab File: VV039007.D

Acq: 22 Aug 2025 01:03

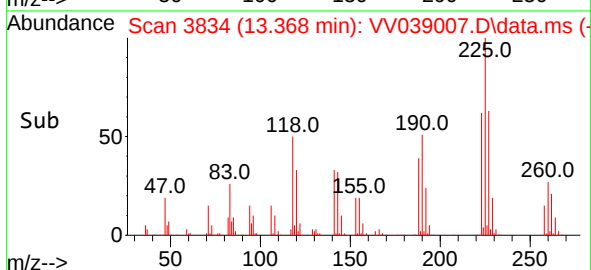
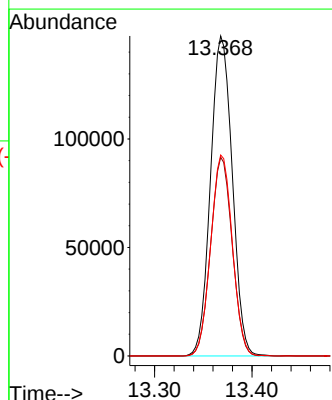
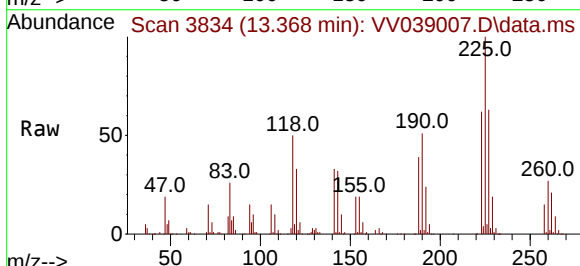
Tgt Ion:225 Resp: 228324

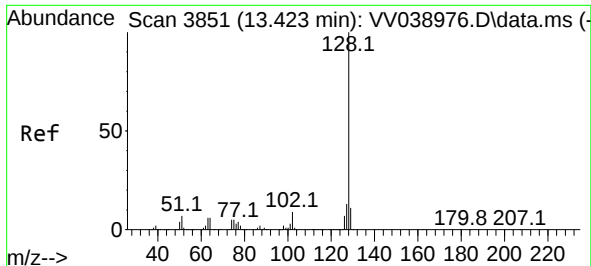
Ion Ratio Lower Upper

225 100

223 61.6 31.9 95.7

227 62.6 30.8 92.3

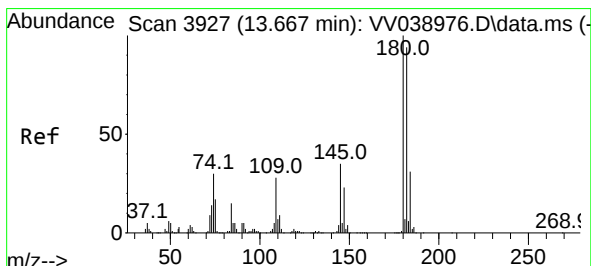
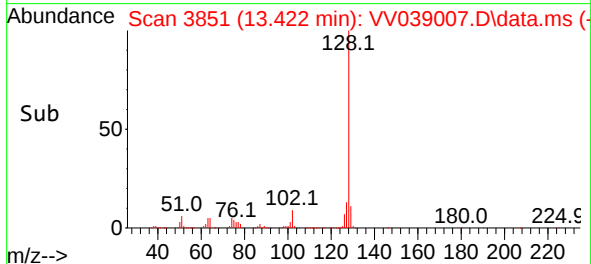
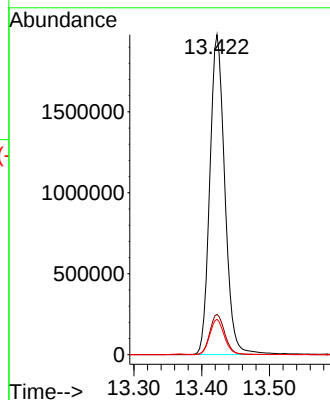
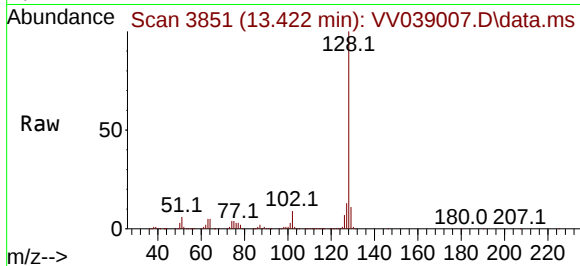




#95
Naphthalene
Concen: 103.596 ug/l
RT: 13.422 min Scan# 3851
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 3036203
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.7 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 56.511 ug/l
RT: 13.667 min Scan# 3927
Delta R.T. -0.000 min
Lab File: VV039007.D
Acq: 22 Aug 2025 01:03

Tgt Ion:180 Resp: 529197
Ion Ratio Lower Upper
180 100
182 95.0 47.0 141.0
145 34.7 17.3 52.0

