

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV110425\
 Data File : VV039306.D
 Acq On : 04 Nov 2025 11:21
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 00:26:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V100725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:01:26 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	637264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	1024756	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1022016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	572200	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.937	65	507925	56.092	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 112.180%	
35) Dibromofluoromethane	4.500	113	433799	53.726	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 107.460%	
50) Toluene-d8	7.233	98	1447777	52.707	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 105.420%	
62) 4-Bromofluorobenzene	9.998	95	540972	55.299	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 110.600%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.124	85	316242	39.262	ug/l	99
3) Chloromethane	1.230	50	378539	45.141	ug/l	99
4) Vinyl Chloride	1.298	62	397662	41.566	ug/l	99
5) Bromomethane	1.500	94	312107	50.281	ug/l	99
6) Chloroethane	1.561	64	278677	52.893	ug/l	99
7) Trichlorofluoromethane	1.728	101	627251	42.918	ug/l	100
8) Diethyl Ether	1.918	74	280720	53.152	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.082	101	376510	43.023	ug/l	99
10) Methyl Iodide	2.198	142	502834	66.690	ug/l	98
11) Tert butyl alcohol	2.564	59	302735	172.512	ug/l	99
12) 1,1-Dichloroethene	2.085	96	361270	42.044	ug/l	99
13) Acrolein	2.008	56	596126	597.108	ug/l	99
14) Allyl chloride	2.359	41	624182	45.823	ug/l	99
15) Acrylonitrile	2.674	53	1279167	245.798	ug/l	100
16) Acetone	2.117	43	1174237	280.314	ug/l	100
17) Carbon Disulfide	2.256	76	1039874	42.845	ug/l	100
18) Methyl Acetate	2.378	43	538703	45.910	ug/l	97
19) Methyl tert-butyl Ether	2.712	73	1444674	55.858	ug/l	99
20) Methylene Chloride	2.458	84	485528	60.899	ug/l	97
21) trans-1,2-Dichloroethene	2.703	96	411303	45.462	ug/l	100
22) Diisopropyl ether	3.214	45	1376335	56.278	ug/l	87
23) Vinyl Acetate	3.188	43	6174918	287.608	ug/l	99
24) 1,1-Dichloroethane	3.117	63	774138	47.249	ug/l	99
25) 2-Butanone	3.860	43	1467254	264.955	ug/l	100
26) 2,2-Dichloropropane	3.812	77	590738	44.765	ug/l	99
27) cis-1,2-Dichloroethene	3.818	96	486071	53.658	ug/l	97
28) Bromochloromethane	4.143	49	386703	55.360	ug/l	99
29) Tetrahydrofuran	4.233	42	923460	260.808	ug/l	98
30) Chloroform	4.275	83	826124	49.444	ug/l	99
31) Cyclohexane	4.584	56	543925	45.579	ug/l	99
32) 1,1,1-Trichloroethane	4.510	97	659230	45.126	ug/l	98
36) 1,1-Dichloropropene	4.744	75	462466	45.602	ug/l	99
37) Ethyl Acetate	3.973	43	592244	49.883	ug/l	97
38) Carbon Tetrachloride	4.735	117	571435	46.250	ug/l	99
39) Methylcyclohexane	6.047	83	528252	45.576	ug/l	98
40) Benzene	5.008	78	1653548	50.813	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	273531	53.736	ug/l	99
42) 1,2-Dichloroethane	5.037	62	594744	52.074	ug/l	100
43) Isopropyl Acetate	5.188	43	902456	58.059	ug/l	100
44) Trichloroethene	5.828	130	399079	48.767	ug/l	99
45) 1,2-Dichloropropane	6.085	63	434939	54.926	ug/l	98
46) Dibromomethane	6.223	93	350757	52.994	ug/l	97
47) Bromodichloromethane	6.423	83	682315	52.319	ug/l	100
48) Methyl methacrylate	6.294	41	415063	57.640	ug/l	98
49) 1,4-Dioxane	6.288	88	73414	612.857	ug/l #	92
51) 4-Methyl-2-Pentanone	7.143	43	3067700	284.472	ug/l	100
52) Toluene	7.307	92	1044959	53.182	ug/l	99
53) t-1,3-Dichloropropene	7.571	75	662717	58.145	ug/l	100
54) cis-1,3-Dichloropropene	6.944	75	724372	57.165	ug/l	99
55) 1,1,2-Trichloroethane	7.757	97	476609	53.719	ug/l	99
56) Ethyl methacrylate	7.712	69	659731	65.633	ug/l	99
57) 1,3-Dichloropropane	7.931	76	768271	57.383	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.809	63	1805314	295.215	ug/l	99
59) 2-Hexanone	8.059	43	2261357	285.636	ug/l	100
60) Dibromochloromethane	8.165	129	564299	54.397	ug/l	99
61) 1,2-Dibromoethane	8.272	107	513123	55.543	ug/l	99
64) Tetrachloroethene	7.895	164	350075	46.957	ug/l	100
65) Chlorobenzene	8.802	112	1185359	48.993	ug/l	100
66) 1,1,1,2-Tetrachloroethane	8.895	131	445410	49.149	ug/l	100
67) Ethyl Benzene	8.934	91	1857821	52.129	ug/l	100
68) m/p-Xylenes	9.059	106	1551500	109.762	ug/l	99
69) o-Xylene	9.468	106	699770	56.059	ug/l	99
70) Styrene	9.484	104	1319658	59.415	ug/l	100
71) Bromoform	9.651	173	401043	54.721	ug/l #	99
73) Isopropylbenzene	9.853	105	1841327	52.993	ug/l	100
74) N-amyl acetate	9.722	43	810885	56.636	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.162	83	759804	47.616	ug/l	100
76) 1,2,3-Trichloropropane	10.194	75	551899	48.325	ug/l	99
77) Bromobenzene	10.140	156	505820	52.955	ug/l	99
78) n-propylbenzene	10.275	91	2189294	51.927	ug/l	99
79) 2-Chlorotoluene	10.345	91	1369613	52.616	ug/l	100
80) 1,3,5-Trimethylbenzene	10.461	105	1589645	54.548	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.927	75	254180	56.209	ug/l	99
82) 4-Chlorotoluene	10.461	91	1636764	54.705	ug/l	99
83) tert-Butylbenzene	10.789	119	1479425	51.126	ug/l	98
84) 1,2,4-Trimethylbenzene	10.837	105	1599433	55.752	ug/l	100
85) sec-Butylbenzene	11.011	105	1792784	49.001	ug/l	100
86) p-Isopropyltoluene	11.165	119	1576710	50.123	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	968709	50.845	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	1006165	47.188	ug/l	99
89) n-Butylbenzene	11.577	91	1393936	47.584	ug/l	99
90) Hexachloroethane	11.818	117	322222	41.426	ug/l	97
91) 1,2-Dichlorobenzene	11.564	146	922761	50.915	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.349	75	151995	46.325	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	531566	52.589	ug/l	99
94) Hexachlorobutadiene	13.368	225	179585	35.087	ug/l	100
95) Naphthalene	13.422	128	1956023	59.064	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	558871	53.198	ug/l	100

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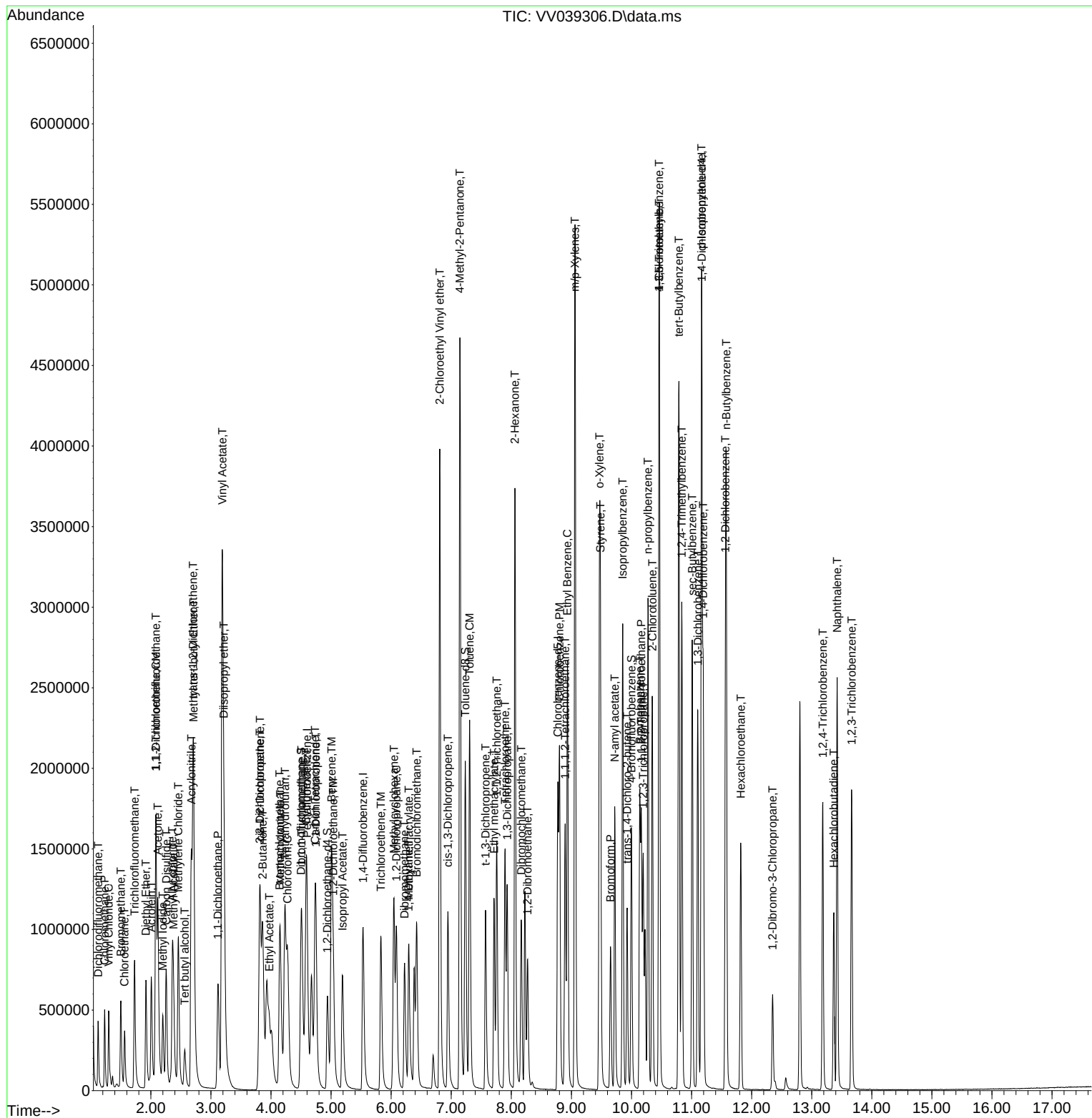
Quant Time: Nov 05 00:26:22 2025
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QLast Update : Wed Oct 08 05:01:26 2025
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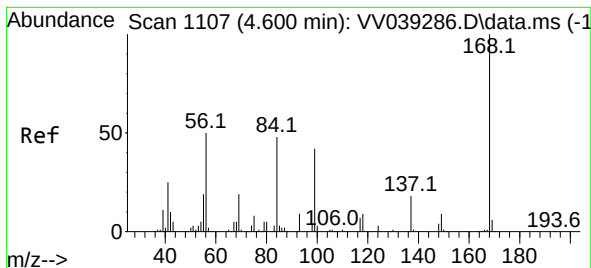
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_V
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Quant Time: Nov 05 00:26:22 2025
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.600 min Scan# 11

Delta R.T. -0.000 min

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Instrument :

MSVOA_V

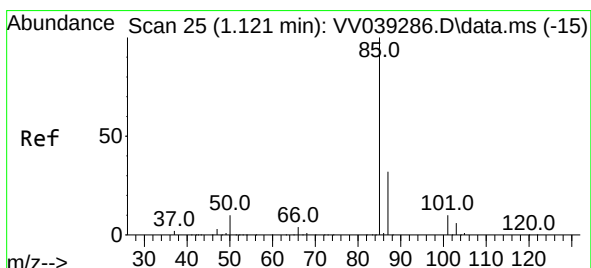
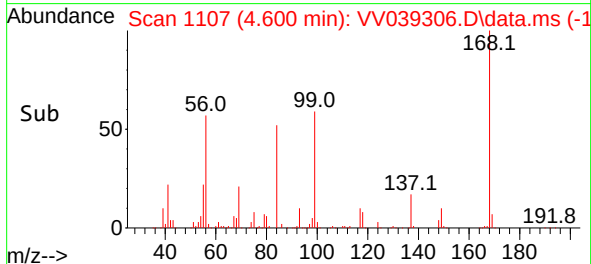
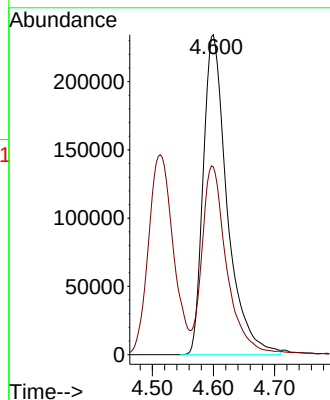
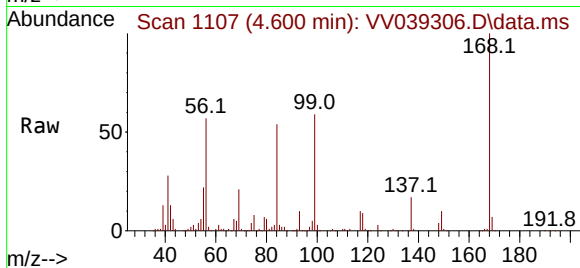
ClientSampleId :

Tgt Ion:168 Resp: 637264

Ion Ratio Lower Upper

168 100

99 57.7 46.6 70.0



#2

Dichlorodifluoromethane

Concen: 39.262 ug/l

RT: 1.124 min Scan# 26

Delta R.T. 0.003 min

Lab File: VV039306.D

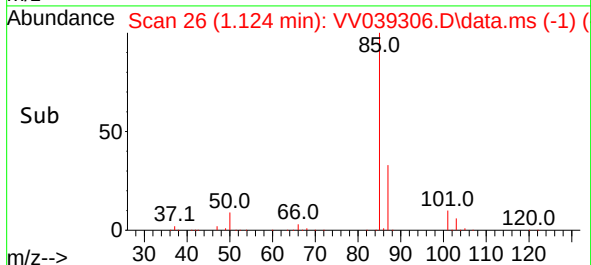
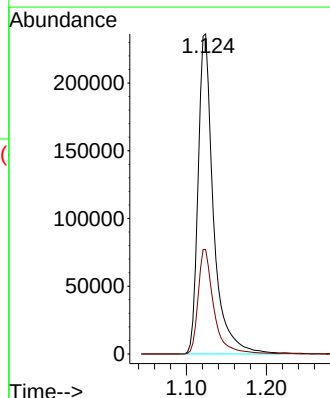
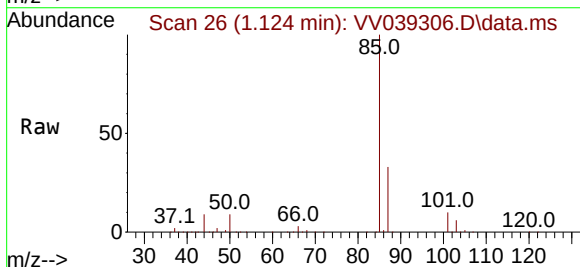
Acq: 04 Nov 2025 11:21

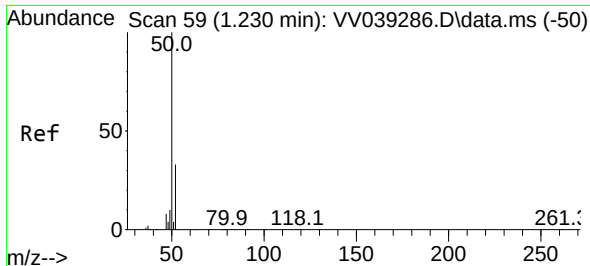
Tgt Ion: 85 Resp: 316242

Ion Ratio Lower Upper

85 100

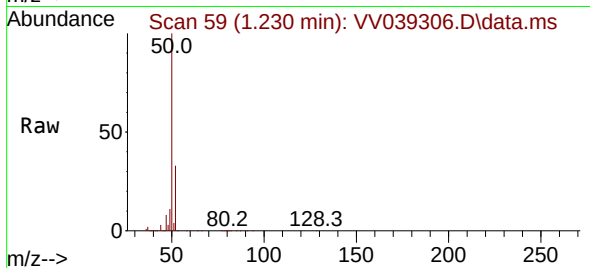
87 32.7 16.1 48.2



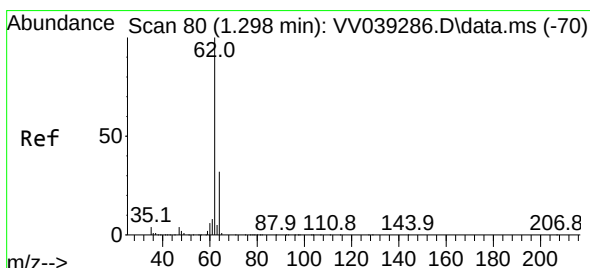
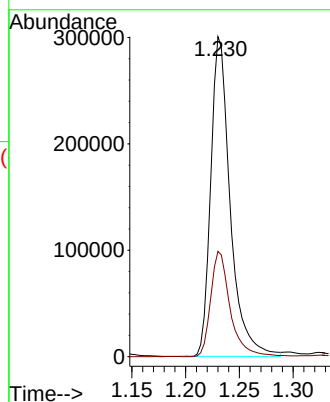
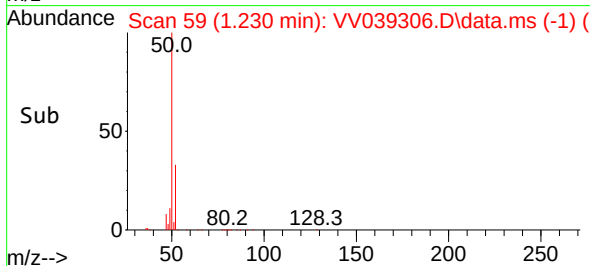


#3
Chloromethane
Concen: 45.141 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Instrument :
MSVOA_V
ClientSampleId :

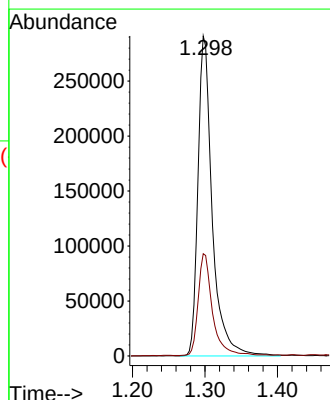
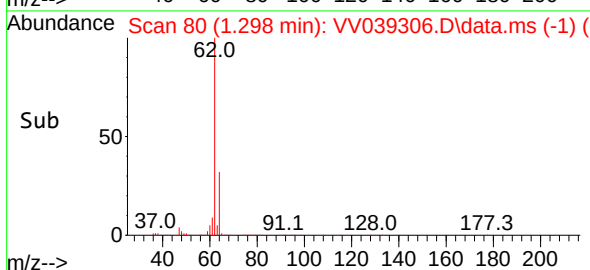
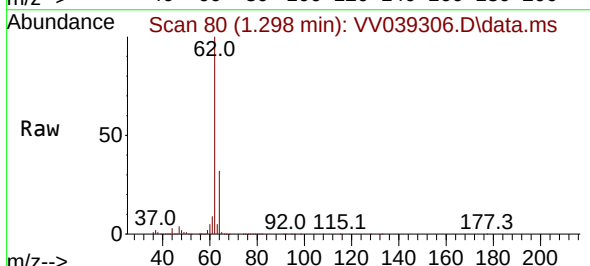


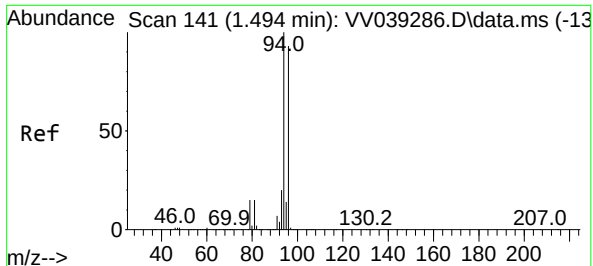
Tgt Ion: 50 Resp: 378539
Ion Ratio Lower Upper
50 100
52 32.9 26.6 39.8



#4
Vinyl Chloride
Concen: 41.566 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion: 62 Resp: 397662
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6

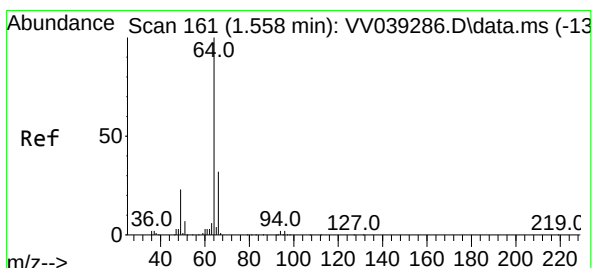
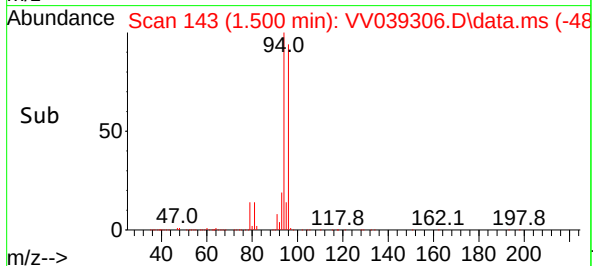
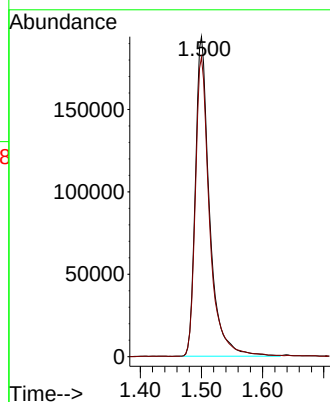
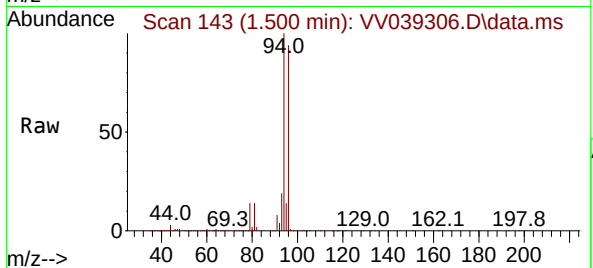




#5
Bromomethane
Concen: 50.281 ug/l
RT: 1.500 min Scan# 141
Delta R.T. 0.006 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

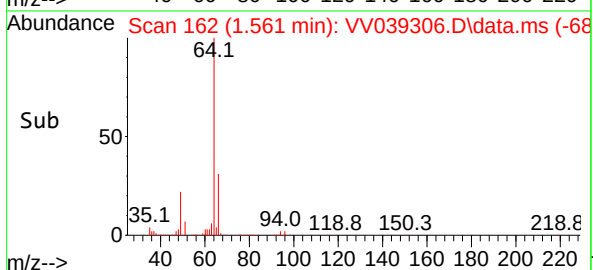
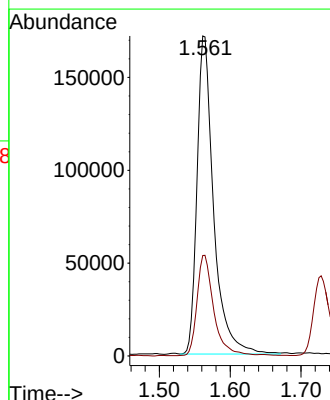
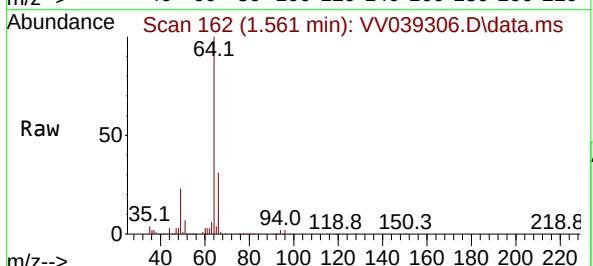
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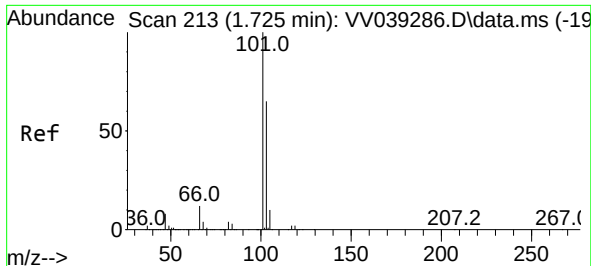
Tgt Ion: 94 Resp: 312107
Ion Ratio Lower Upper
94 100
96 93.6 74.2 111.2



#6
Chloroethane
Concen: 52.893 ug/l
RT: 1.561 min Scan# 162
Delta R.T. 0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion: 64 Resp: 278677
Ion Ratio Lower Upper
64 100
66 31.4 25.7 38.5

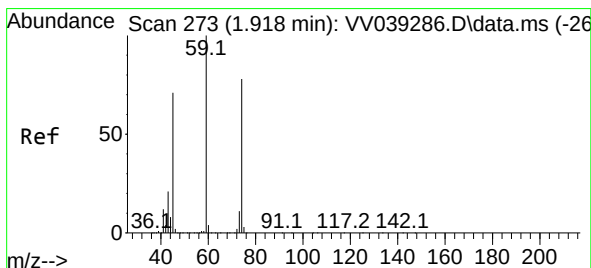
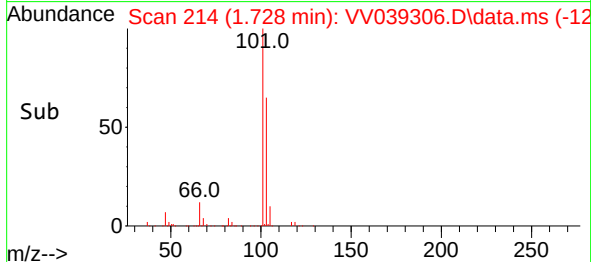
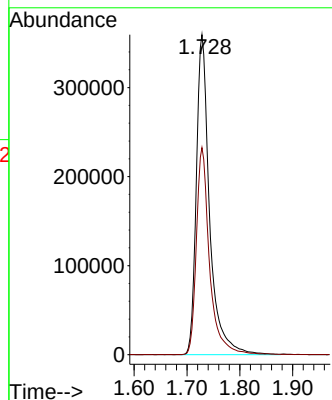
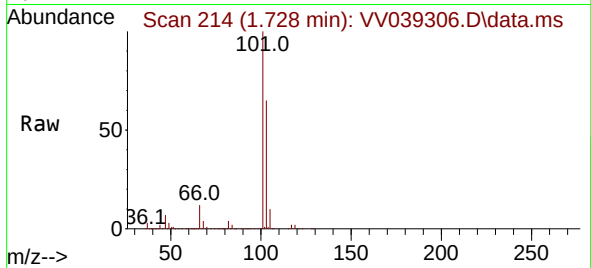




#7
 Trichlorofluoromethane
 Concen: 42.918 ug/l
 RT: 1.728 min Scan# 213
 Delta R.T. 0.003 min
 Lab File: VV039306.D
 Acq: 04 Nov 2025 11:21

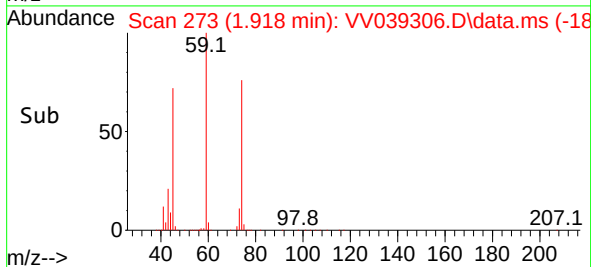
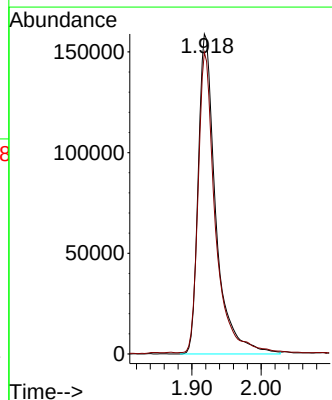
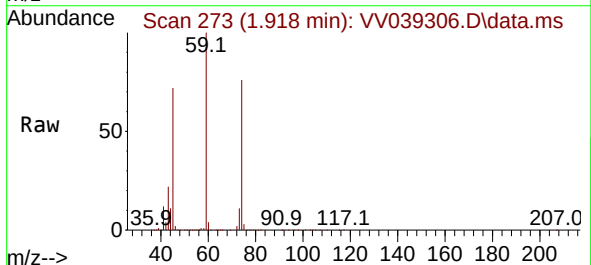
Instrument :
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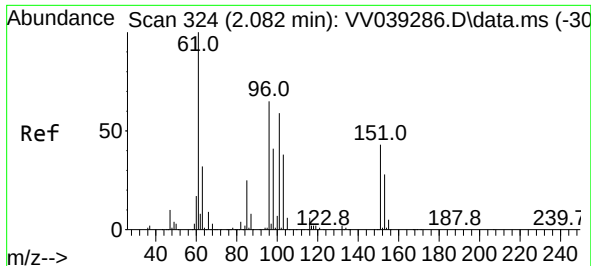
Tgt Ion:101 Resp: 627251
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.0 78.0



#8
 Diethyl Ether
 Concen: 53.152 ug/l
 RT: 1.918 min Scan# 273
 Delta R.T. 0.000 min
 Lab File: VV039306.D
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Tgt Ion: 74 Resp: 280720
 Ion Ratio Lower Upper
 74 100
 45 91.9 45.9 137.7

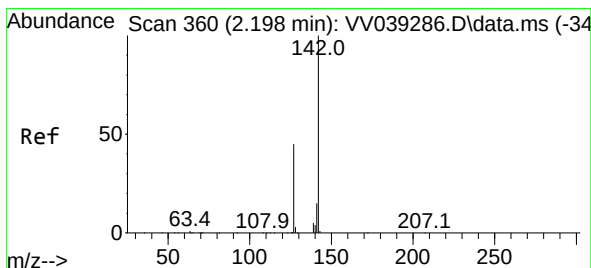
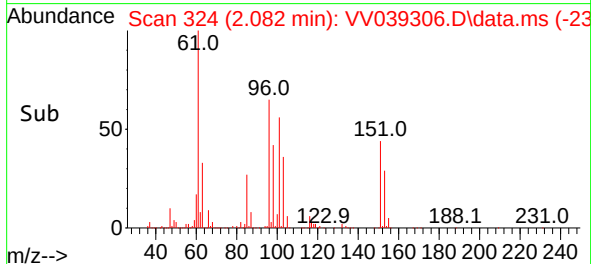
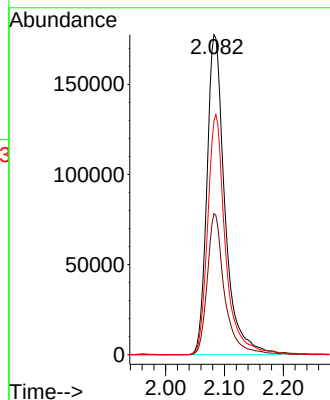
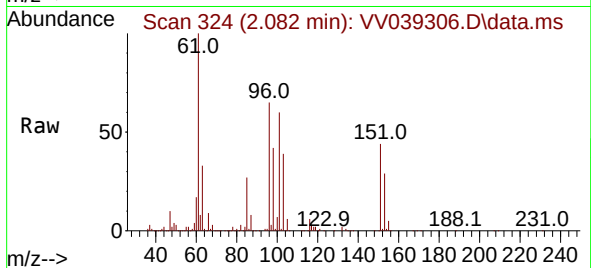




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.023 ug/l
RT: 2.082 min Scan# 31
Delta R.T. 0.000 min
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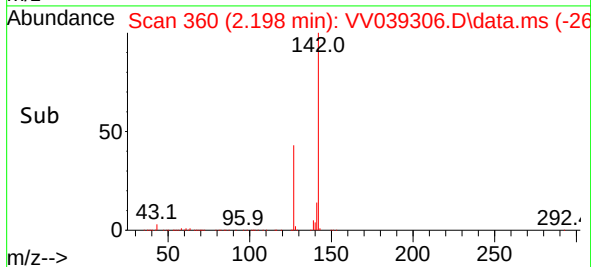
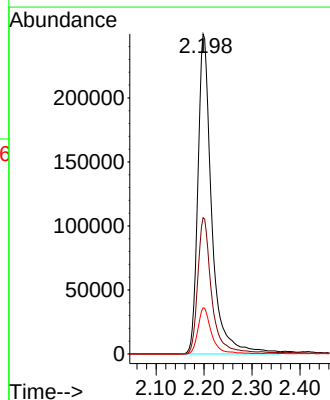
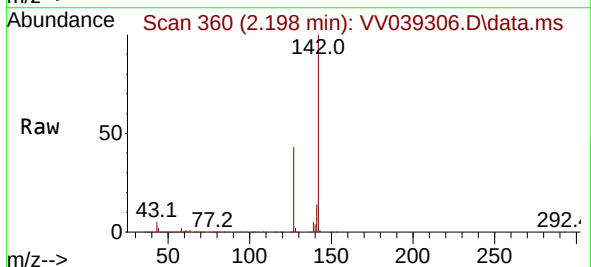
Instrument :
MSVOA_V
ClientSampleId :

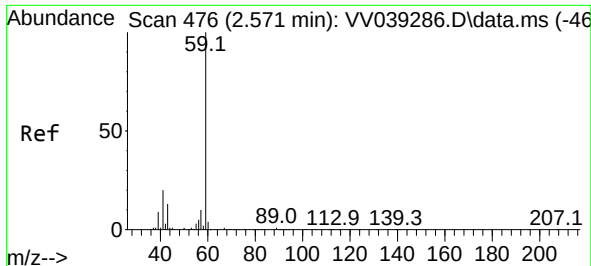
Tgt Ion:101 Resp: 376510
Ion Ratio Lower Upper
101 100
85 42.6 34.0 51.0
151 74.6 58.5 87.7



#10
Methyl Iodide
Concen: 66.690 ug/l
RT: 2.198 min Scan# 360
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion:142 Resp: 502834
Ion Ratio Lower Upper
142 100
127 42.7 35.5 53.3
141 14.1 11.5 17.3

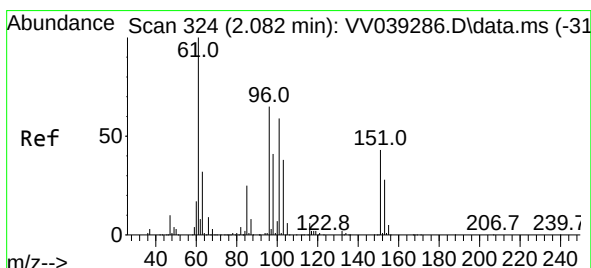
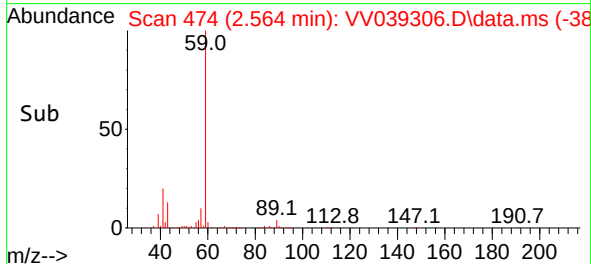
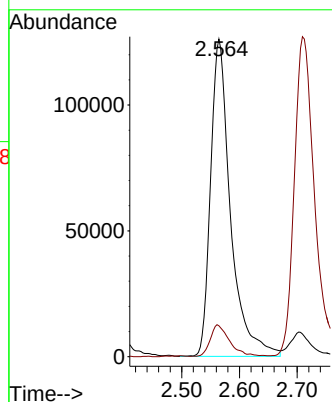
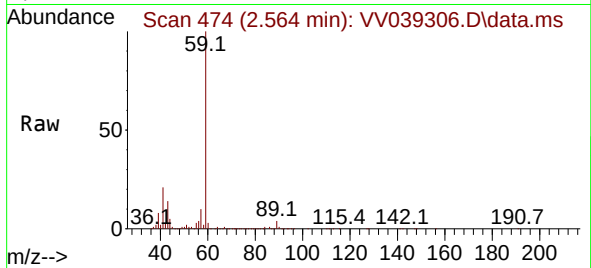




#11
Tert butyl alcohol
Concen: 172.512 ug/l
RT: 2.564 min Scan# 41
Delta R.T. -0.006 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

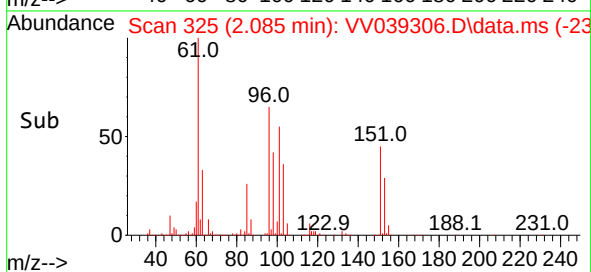
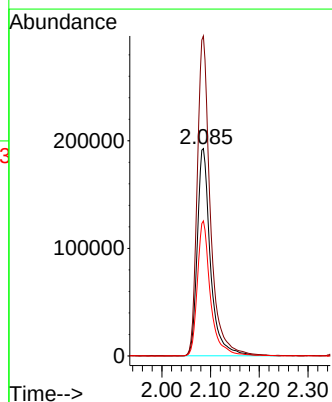
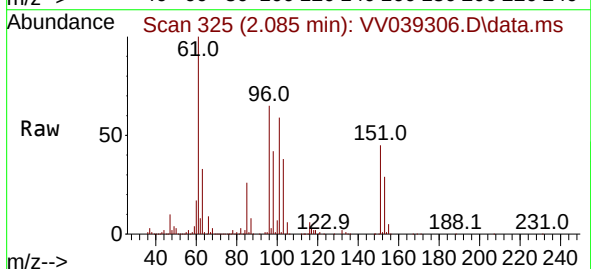
Instrument :
MSVOA_V
ClientSampleId :

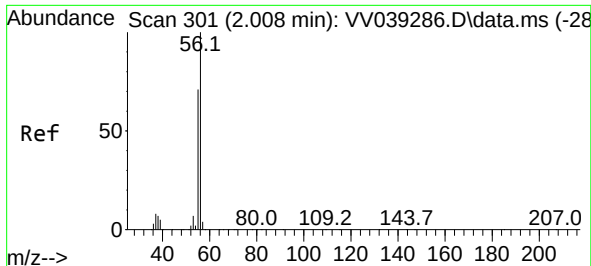
Tgt Ion: 59 Resp: 302735
Ion Ratio Lower Upper
59 100
57 9.6 8.1 12.1



#12
1,1-Dichloroethene
Concen: 42.044 ug/l
RT: 2.085 min Scan# 325
Delta R.T. 0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion: 96 Resp: 361270
Ion Ratio Lower Upper
96 100
61 154.4 123.6 185.4
98 65.1 51.1 76.7

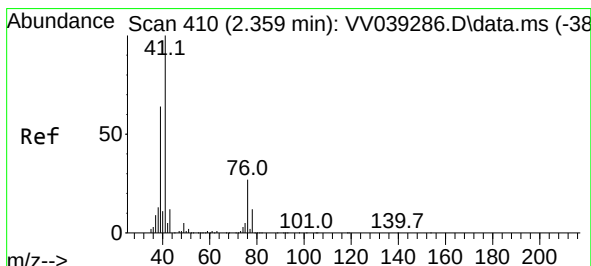
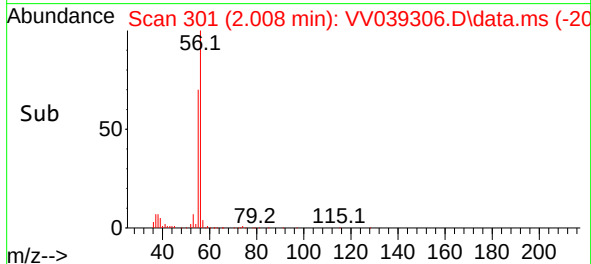
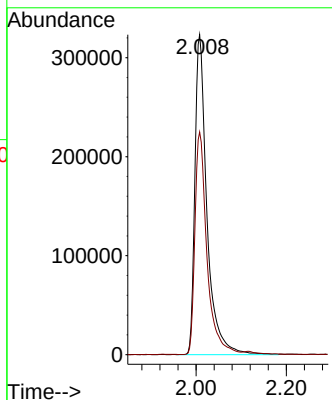
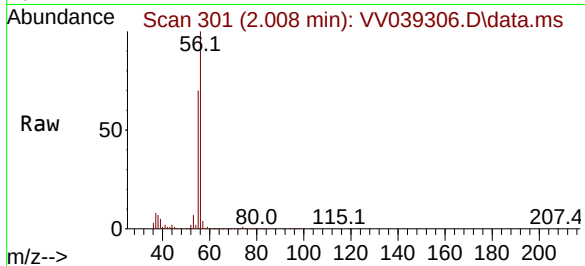




#13
Acrolein
Concen: 597.108 ug/l
RT: 2.008 min Scan# 301
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

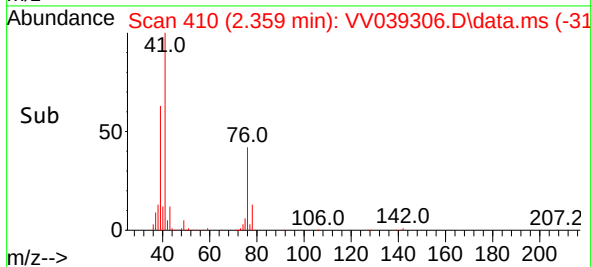
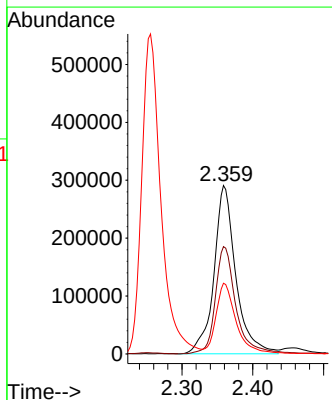
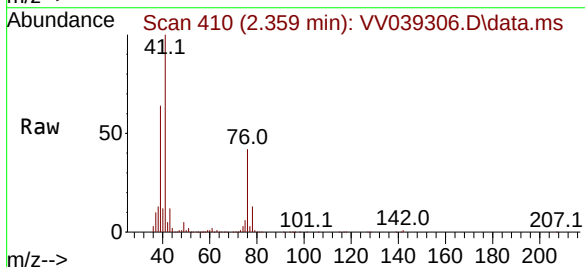
Instrument :
MSVOA_V
ClientSampleId :

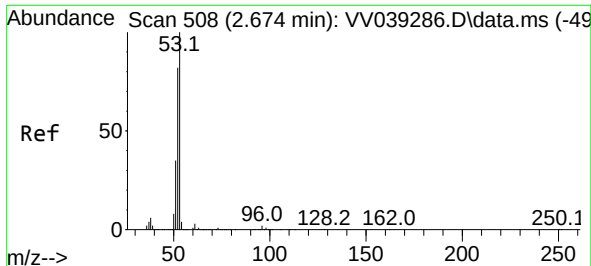
Tgt Ion: 56 Resp: 596126
Ion Ratio Lower Upper
56 100
55 69.4 56.2 84.4



#14
Allyl chloride
Concen: 45.823 ug/l
RT: 2.359 min Scan# 410
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion: 41 Resp: 624182
Ion Ratio Lower Upper
41 100
39 60.1 47.8 71.6
76 38.1 30.2 45.2



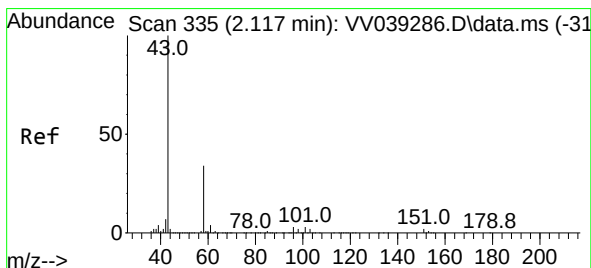
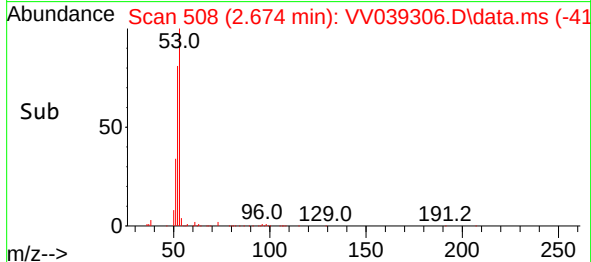
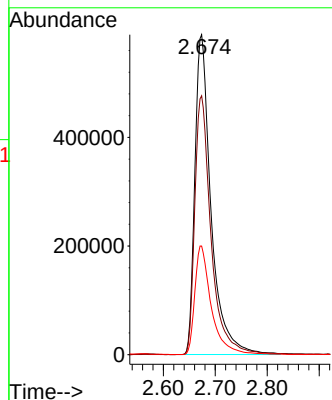
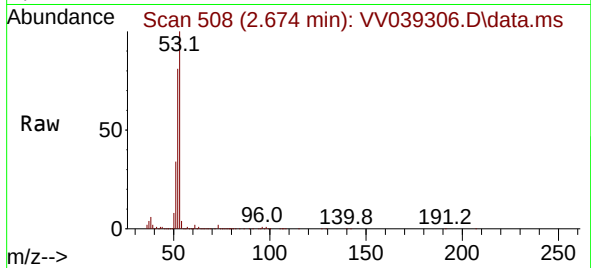


#15
Acrylonitrile
Concen: 245.798 ug/l
RT: 2.674 min Scan# 508
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 53 Resp: 1279167

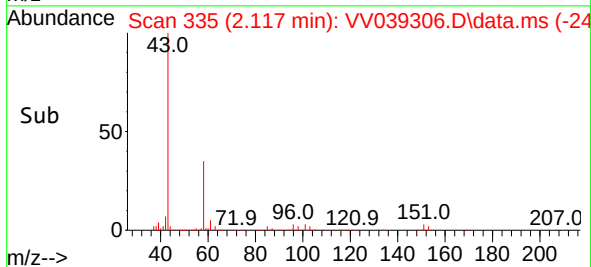
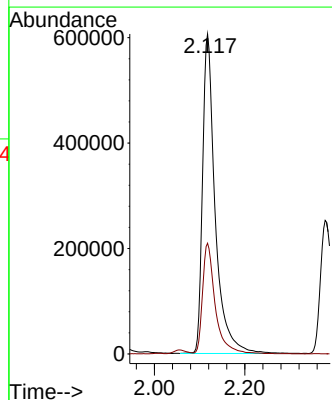
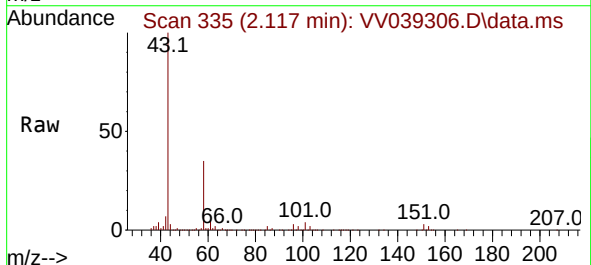
Ion	Ratio	Lower	Upper
53	100		
52	81.2	65.0	97.6
51	34.5	27.9	41.9

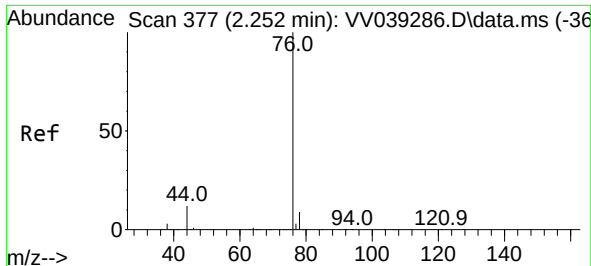


#16
Acetone
Concen: 280.314 ug/l
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion: 43 Resp: 1174237

Ion	Ratio	Lower	Upper
43	100		
58	34.5	27.5	41.3

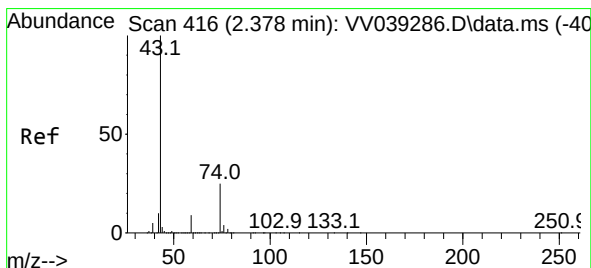
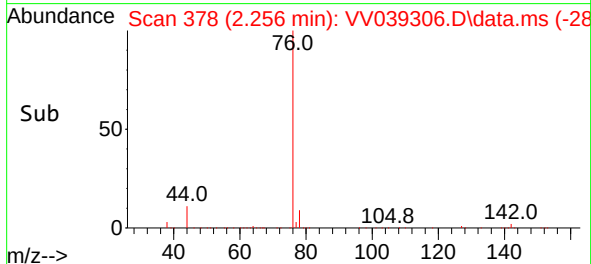
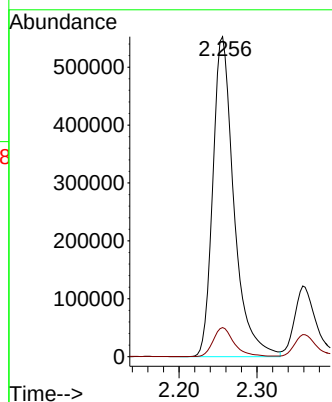
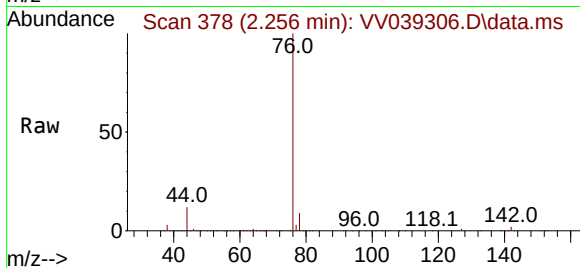




#17
Carbon Disulfide
Concen: 42.845 ug/l
RT: 2.256 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

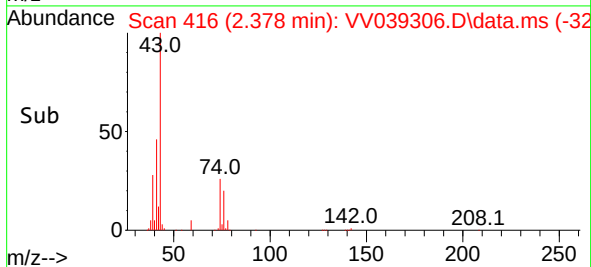
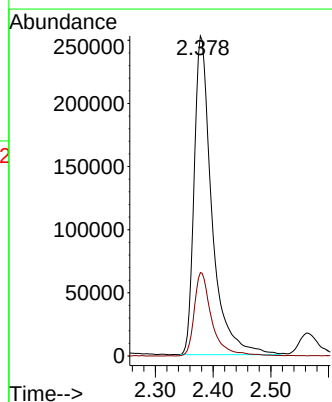
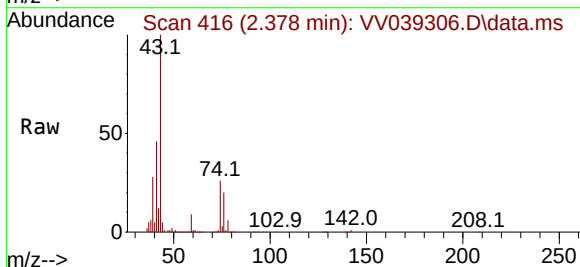
Instrument :
MSVOA_V
ClientSampleId :

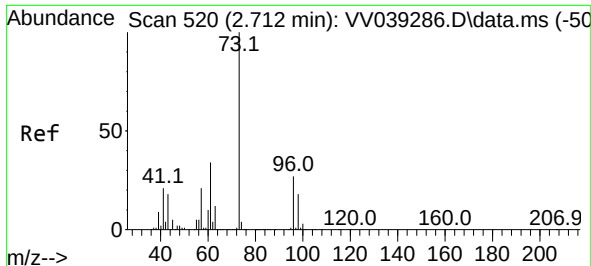
Tgt Ion: 76 Resp: 1039874
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 45.910 ug/l
RT: 2.378 min Scan# 416
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion: 43 Resp: 538703
Ion Ratio Lower Upper
43 100
74 26.0 19.5 29.3

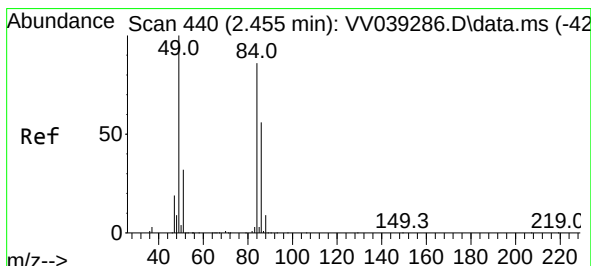
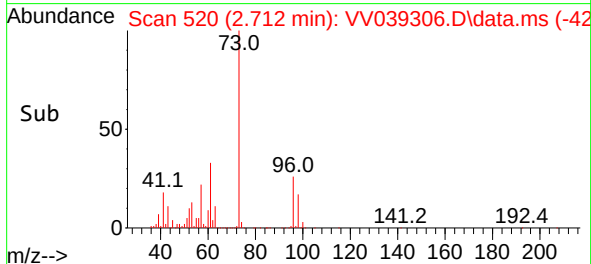
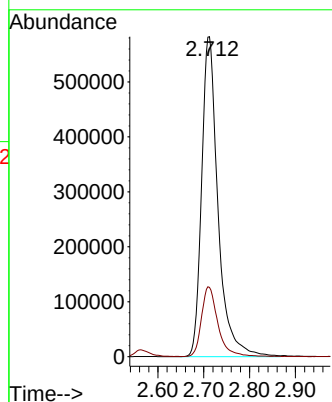
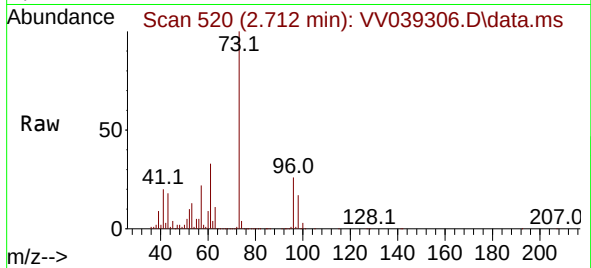




#19
Methyl tert-butyl Ether
Concen: 55.858 ug/l
RT: 2.712 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

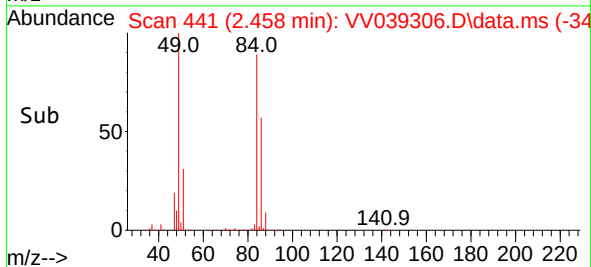
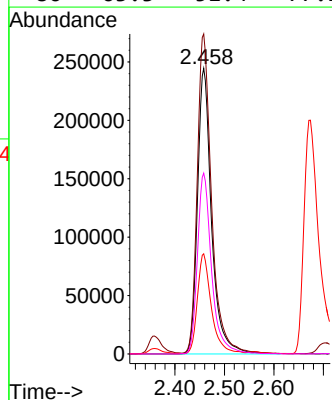
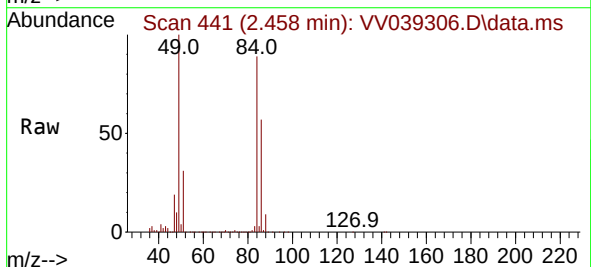
Instrument :
MSVOA_V
ClientSampleId :

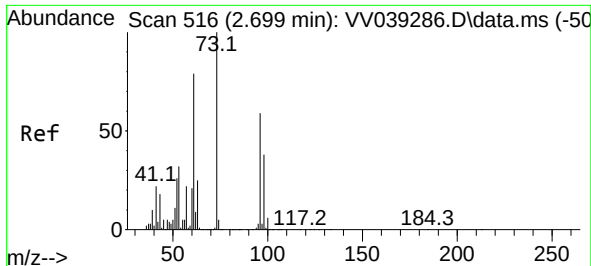
Tgt Ion: 73 Resp: 1444674
Ion Ratio Lower Upper
73 100
57 21.6 17.0 25.6



#20
Methylene Chloride
Concen: 60.899 ug/l
RT: 2.458 min Scan# 441
Delta R.T. 0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion: 84 Resp: 485528
Ion Ratio Lower Upper
84 100
49 111.9 92.6 139.0
51 34.9 29.6 44.4
86 63.3 51.4 77.2

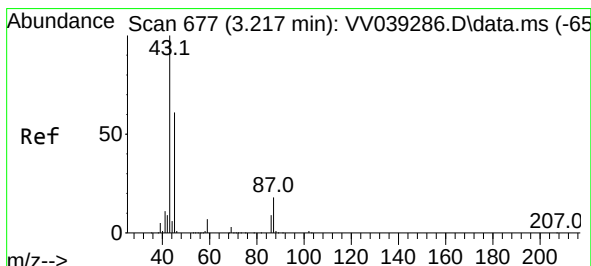
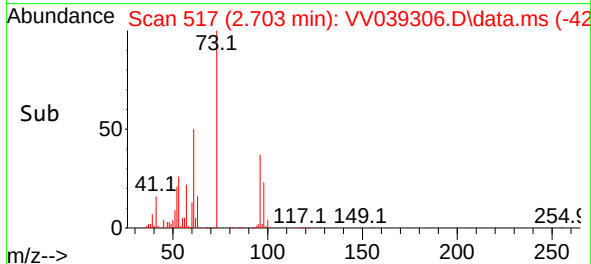
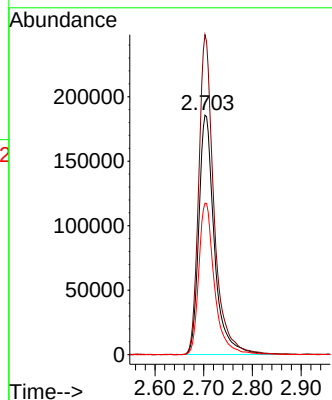
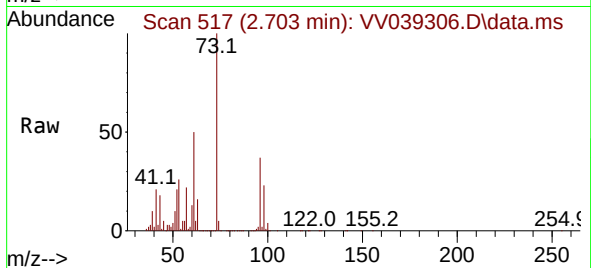




#21
trans-1,2-Dichloroethene
Concen: 45.462 ug/l
RT: 2.703 min Scan# 516
Delta R.T. 0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

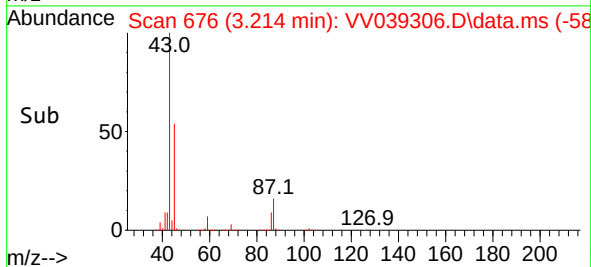
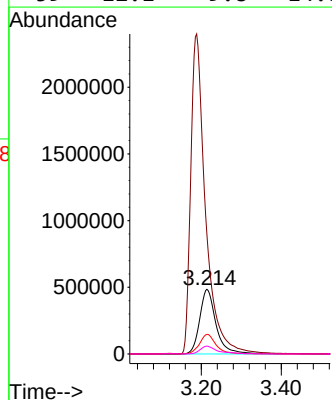
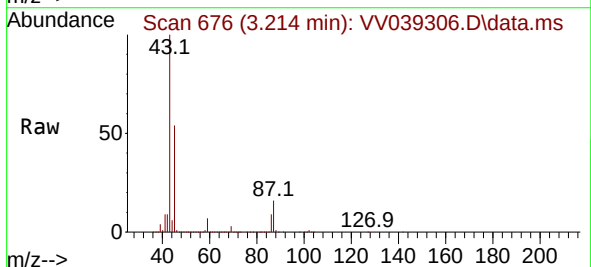
Instrument :
MSVOA_V
ClientSampleId :

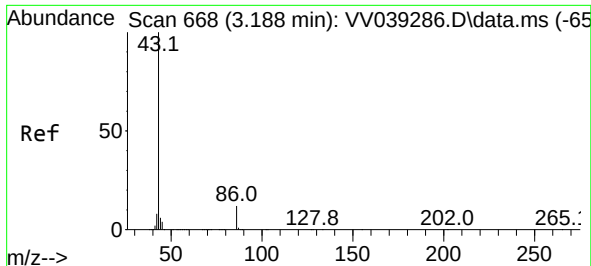
Tgt Ion: 96 Resp: 411303
Ion Ratio Lower Upper
96 100
61 133.6 106.8 160.2
98 63.2 51.1 76.7



#22
Diisopropyl ether
Concen: 56.278 ug/l
RT: 3.214 min Scan# 676
Delta R.T. -0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion: 45 Resp: 1376335
Ion Ratio Lower Upper
45 100
43 184.7 130.8 196.2
87 30.2 23.8 35.8
59 12.1 9.8 14.8

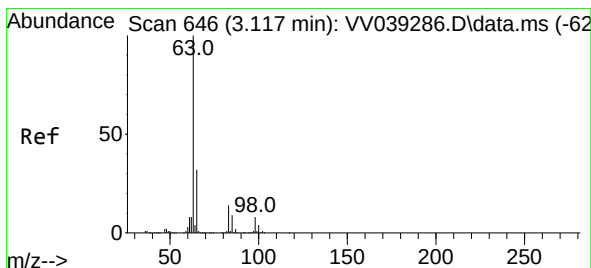
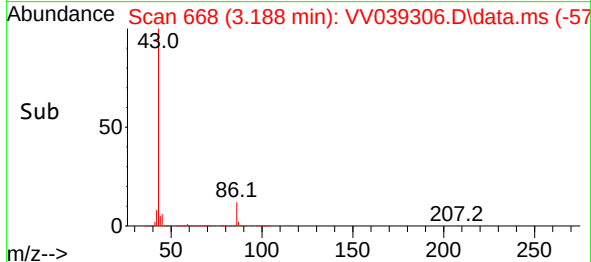
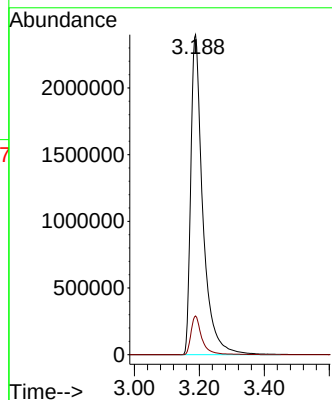
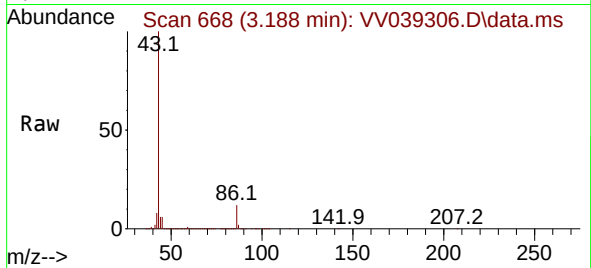




#23
 Vinyl Acetate
 Concen: 287.608 ug/l
 RT: 3.188 min Scan# 60
 Delta R.T. 0.000 min
 Lab File: VV039306.D
 Acq: 04 Nov 2025 11:21

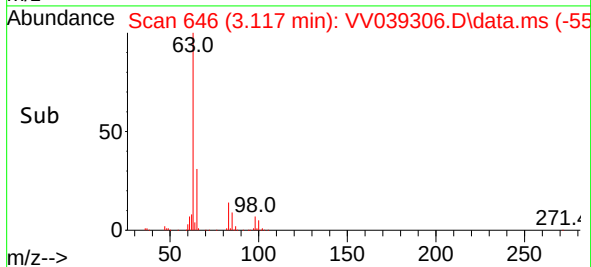
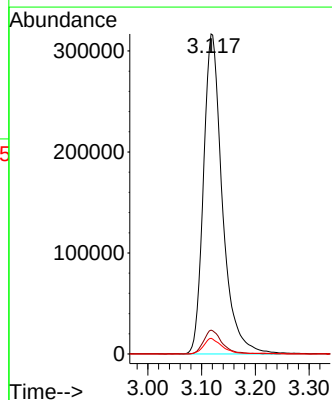
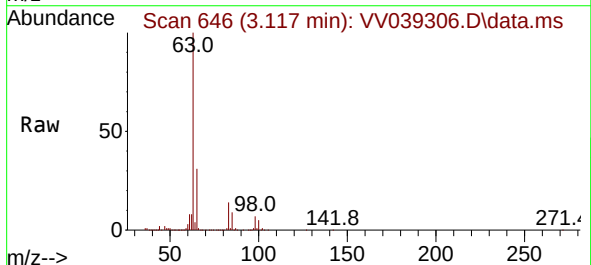
Instrument :
 MSVOA_V
 ClientSampleId :

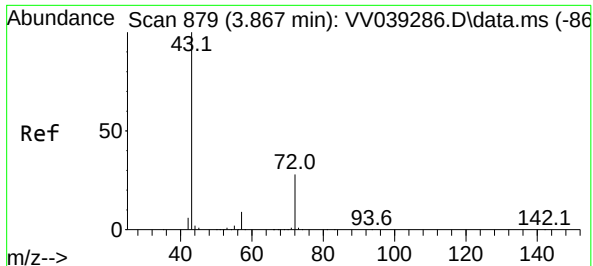
Tgt Ion: 43 Resp: 6174918
 Ion Ratio Lower Upper
 43 100
 86 12.1 9.4 14.2



#24
 1,1-Dichloroethane
 Concen: 47.249 ug/l
 RT: 3.117 min Scan# 646
 Delta R.T. 0.000 min
 Lab File: VV039306.D
 Acq: 04 Nov 2025 11:21

Tgt Ion: 63 Resp: 774138
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.0 12.0
 100 4.9 2.3 6.8





#25

2-Butanone

Concen: 264.955 ug/l

RT: 3.860 min Scan# 879

Delta R.T. -0.006 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

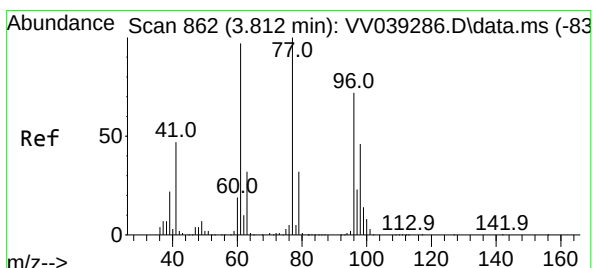
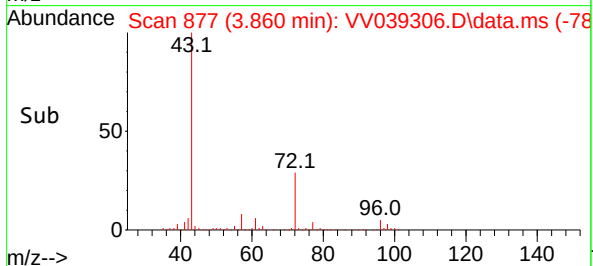
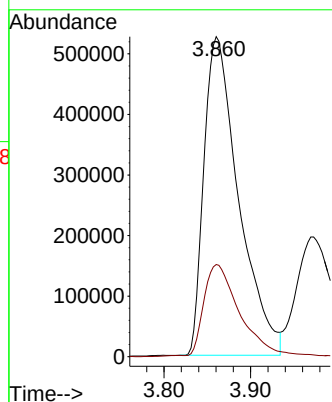
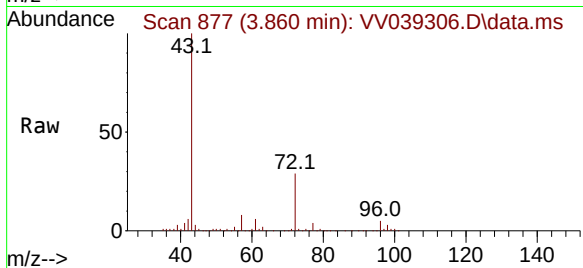
ClientSampleId :

Tgt Ion: 43 Resp: 1467254

Ion Ratio Lower Upper

43 100

72 28.5 22.6 34.0



#26

2,2-Dichloropropane

Concen: 44.765 ug/l

RT: 3.812 min Scan# 862

Delta R.T. 0.000 min

Lab File: VV039306.D

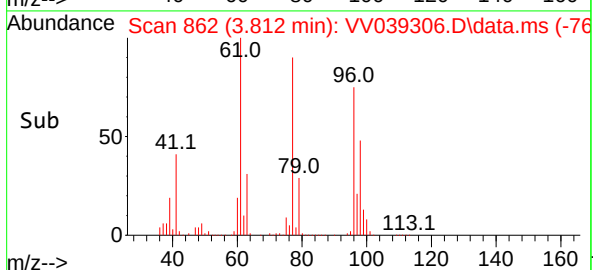
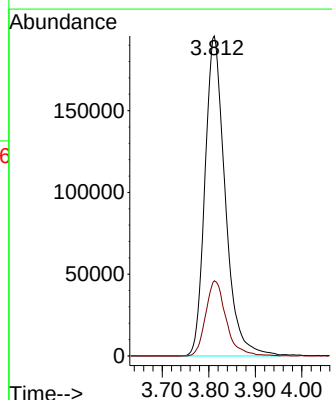
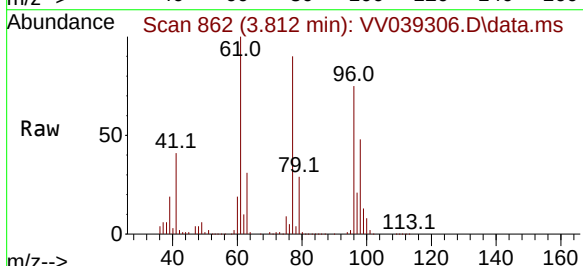
Acq: 04 Nov 2025 11:21

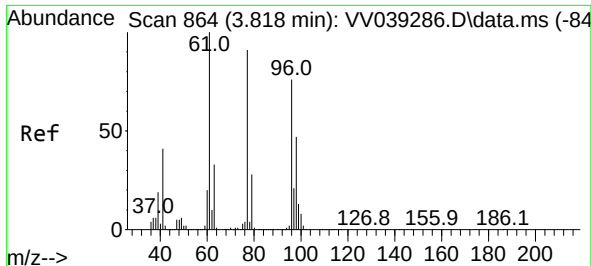
Tgt Ion: 77 Resp: 590738

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.8



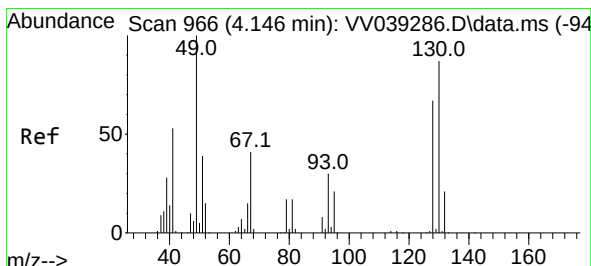
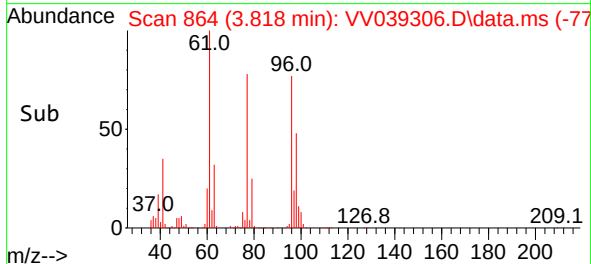
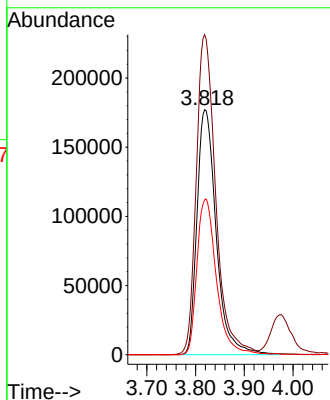
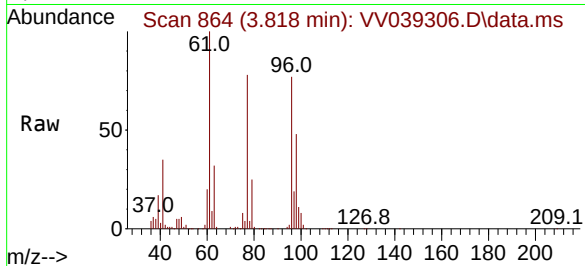


#27
 cis-1,2-Dichloroethene
 Concen: 53.658 ug/l
 RT: 3.818 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VV039306.D
 Acq: 04 Nov 2025 11:21

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 96 Resp: 486071

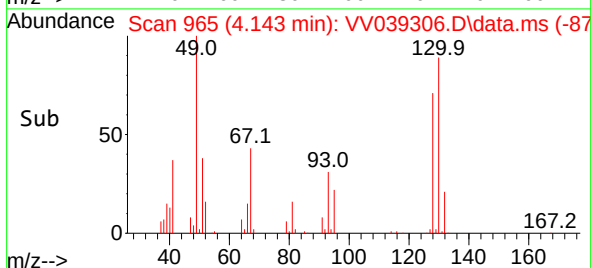
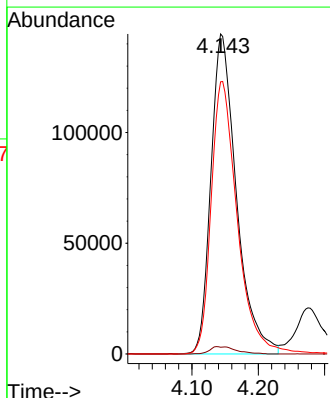
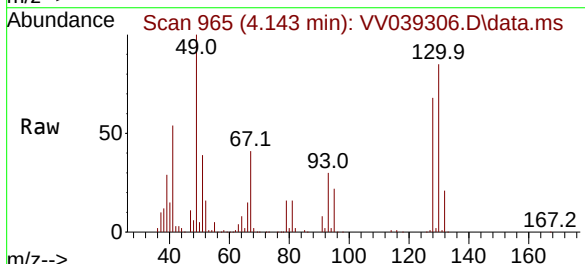
Ion	Ratio	Lower	Upper
96	100		
61	132.2	0.0	275.0
98	64.4	0.0	127.8

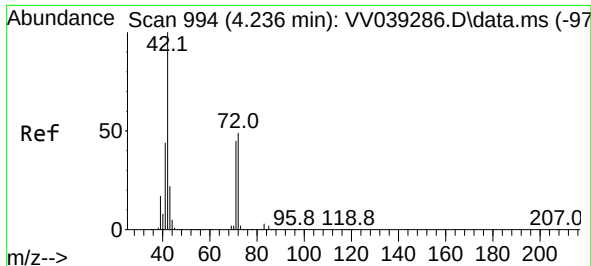


#28
 Bromochloromethane
 Concen: 55.360 ug/l
 RT: 4.143 min Scan# 965
 Delta R.T. -0.003 min
 Lab File: VV039306.D
 Acq: 04 Nov 2025 11:21

Tgt Ion: 49 Resp: 386703

Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	4.8
130	87.5	69.5	104.3





#29

Tetrahydrofuran

Concen: 260.808 ug/l

RT: 4.233 min Scan# 994

Delta R.T. -0.003 min

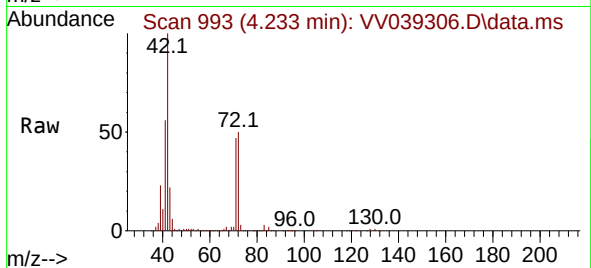
Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :



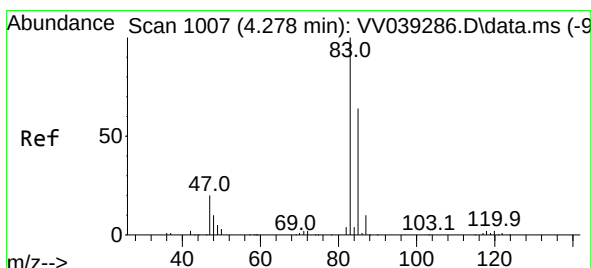
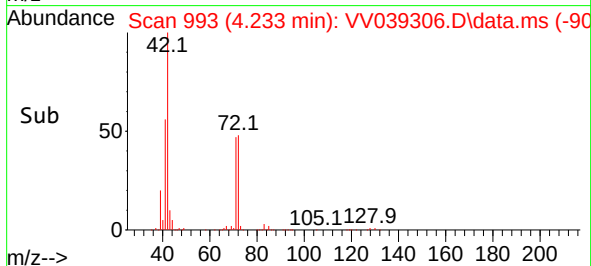
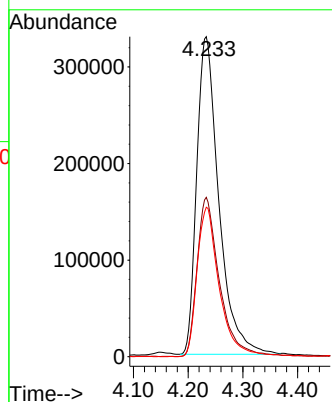
Tgt Ion: 42 Resp: 923460

Ion Ratio Lower Upper

42 100

72 50.6 39.8 59.8

71 47.5 36.5 54.7



#30

Chloroform

Concen: 49.444 ug/l

RT: 4.275 min Scan# 1006

Delta R.T. -0.003 min

Lab File: VV039306.D

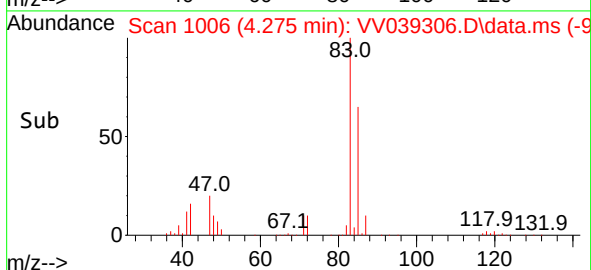
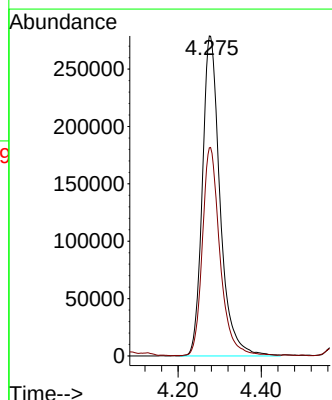
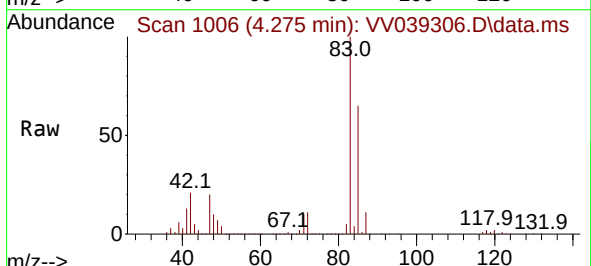
Acq: 04 Nov 2025 11:21

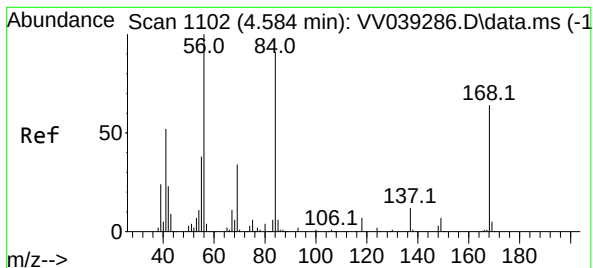
Tgt Ion: 83 Resp: 826124

Ion Ratio Lower Upper

83 100

85 64.9 51.1 76.7





#31

Cyclohexane

Concen: 45.579 ug/l

RT: 4.584 min Scan# 1102

Delta R.T. 0.000 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

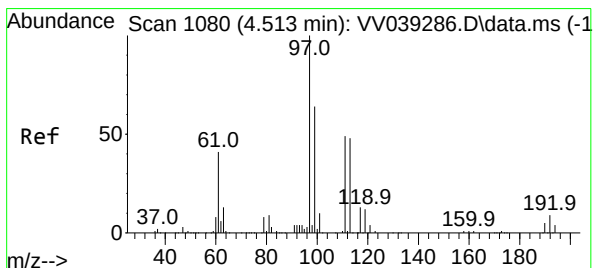
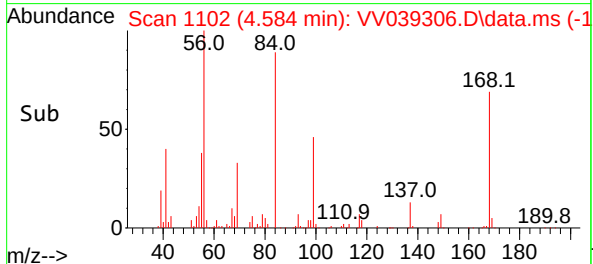
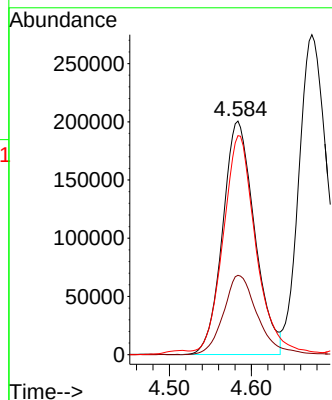
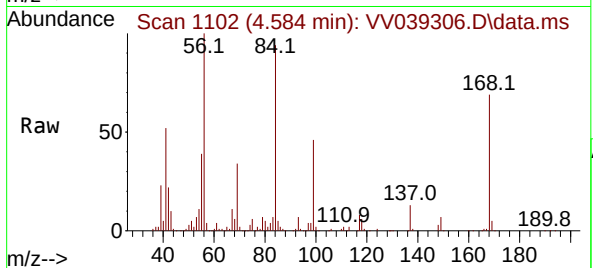
Tgt Ion: 56 Resp: 543925

Ion Ratio Lower Upper

56 100

69 34.0 27.4 41.0

84 92.1 72.8 109.2



#32

1,1,1-Trichloroethane

Concen: 45.126 ug/l

RT: 4.510 min Scan# 1079

Delta R.T. -0.003 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

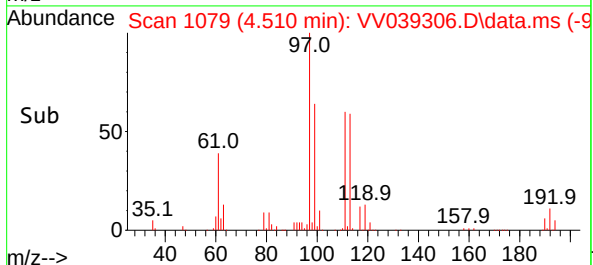
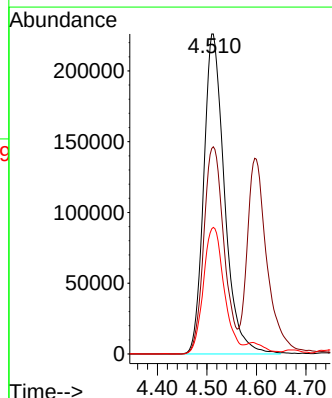
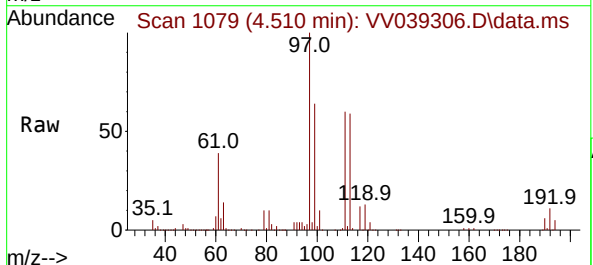
Tgt Ion: 97 Resp: 659230

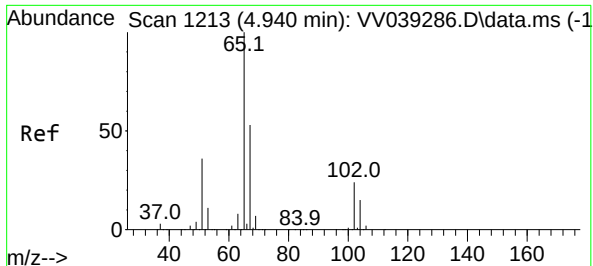
Ion Ratio Lower Upper

97 100

99 62.7 48.6 72.8

61 39.7 31.8 47.8





#33

1,2-Dichloroethane-d4

Concen: 56.092 ug/l

RT: 4.937 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

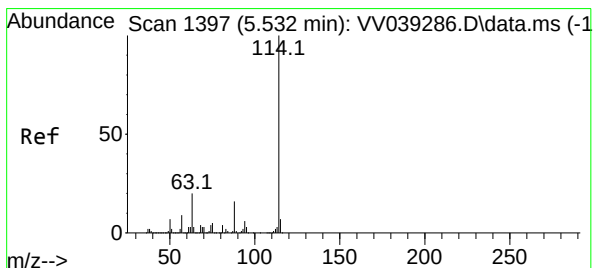
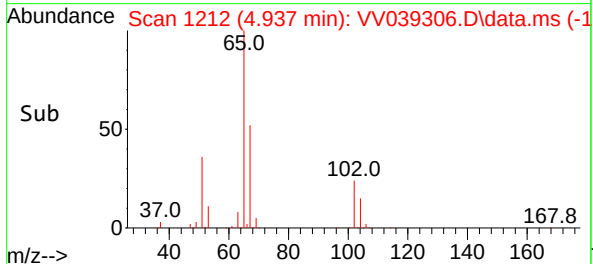
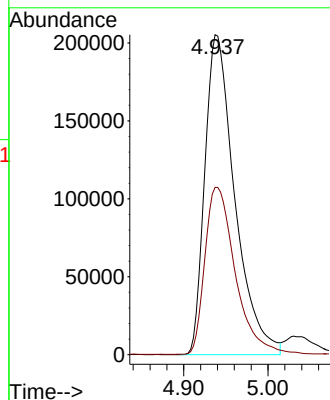
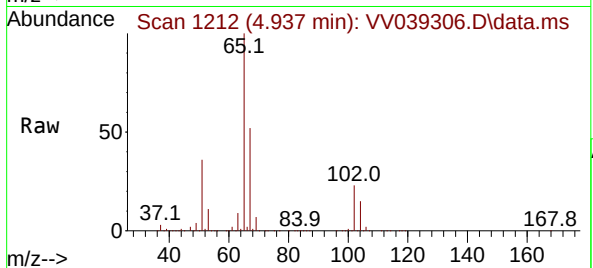
ClientSampleId :

Tgt Ion: 65 Resp: 507925

Ion Ratio Lower Upper

65 100

67 53.1 0.0 108.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

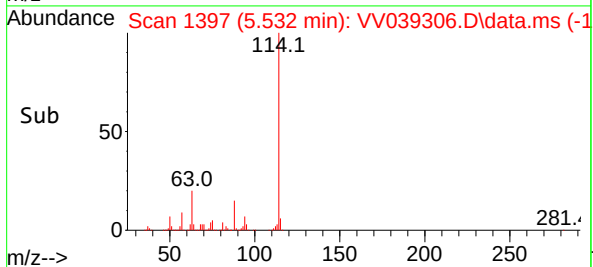
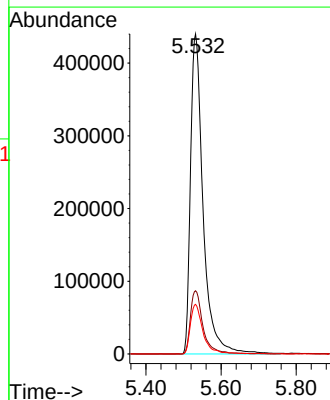
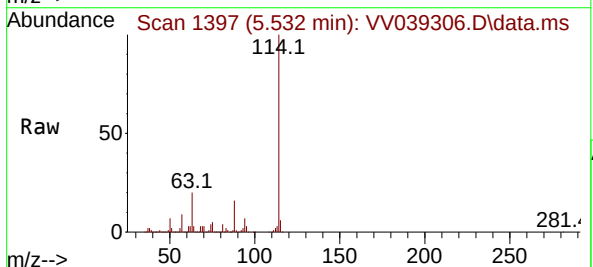
Tgt Ion: 114 Resp: 1024756

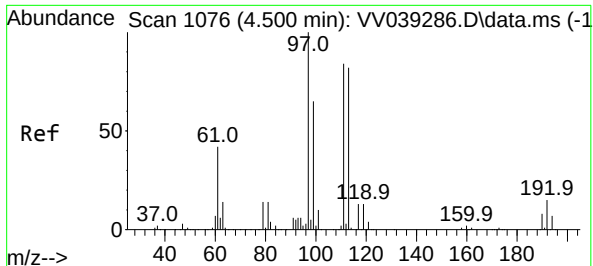
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 15.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 53.726 ug/l

RT: 4.500 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

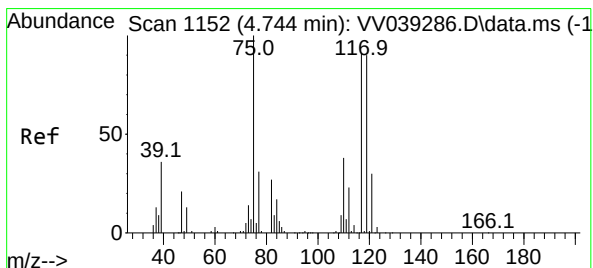
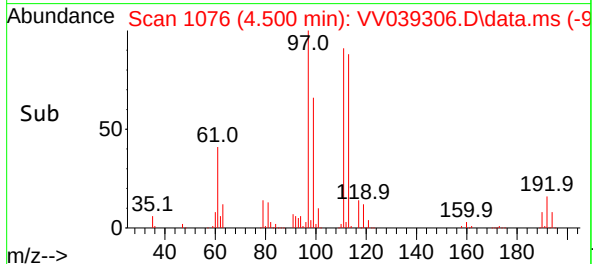
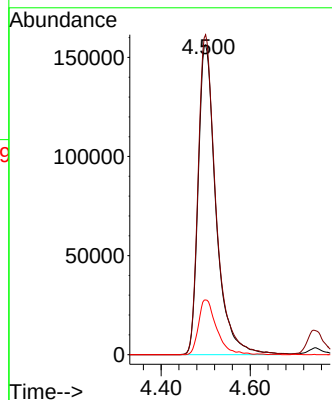
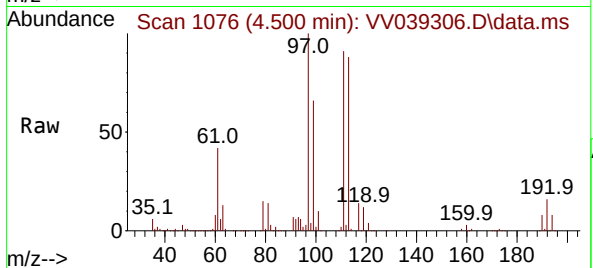
Tgt Ion:113 Resp: 433799

Ion Ratio Lower Upper

113 100

111 102.8 82.0 123.0

192 17.8 14.3 21.5



#36

1,1-Dichloropropene

Concen: 45.602 ug/l

RT: 4.744 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

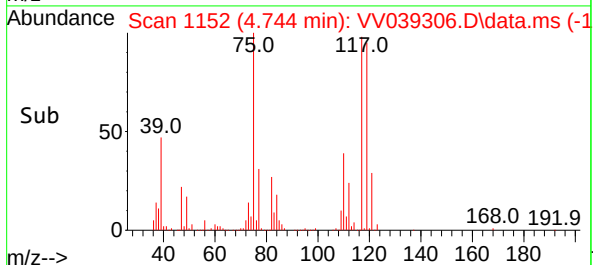
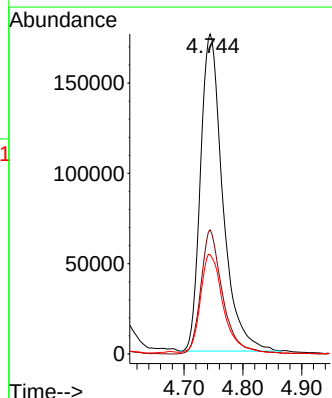
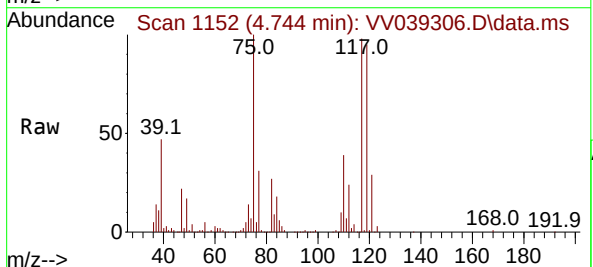
Tgt Ion: 75 Resp: 462466

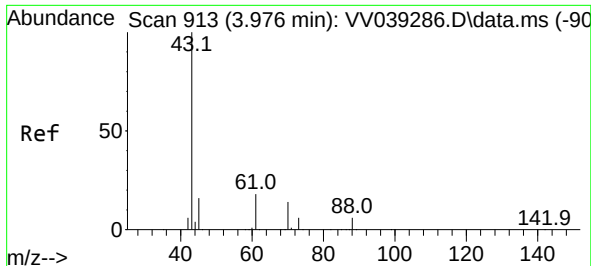
Ion Ratio Lower Upper

75 100

110 38.6 18.9 56.7

77 31.0 24.1 36.1

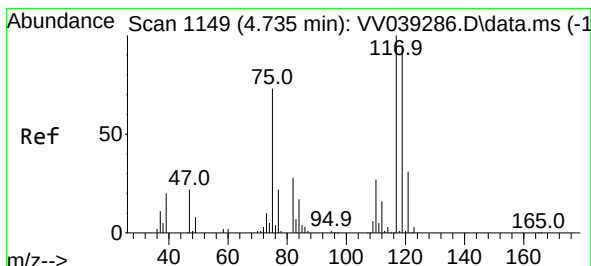
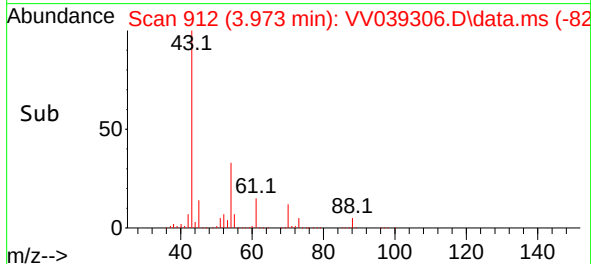
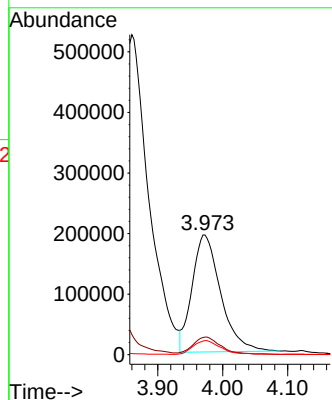
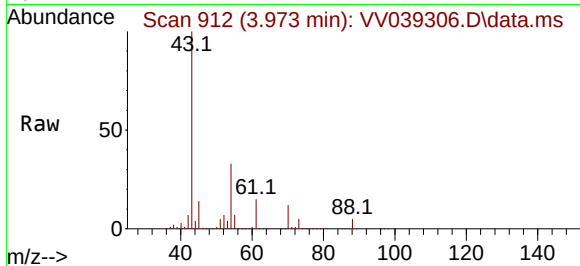




#37
Ethyl Acetate
Concen: 49.883 ug/l
RT: 3.973 min Scan# 913
Delta R.T. -0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

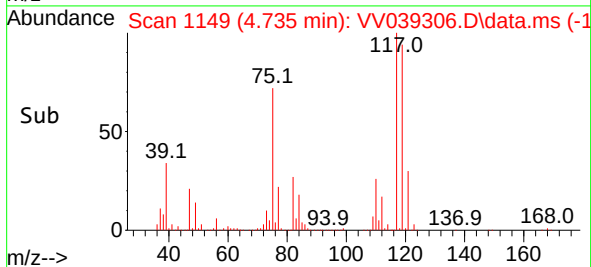
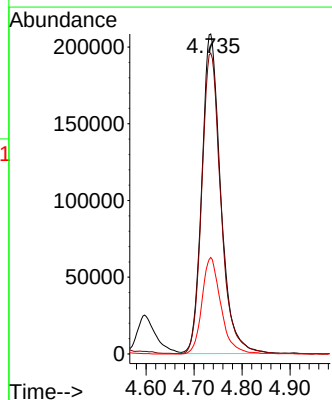
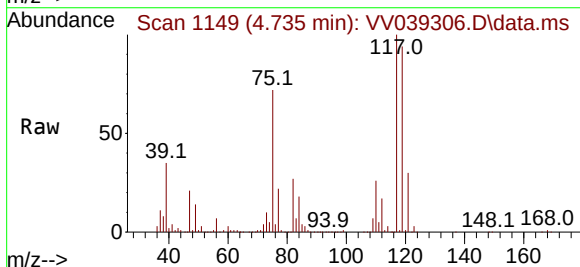
Instrument :
MSVOA_V
ClientSampleId :

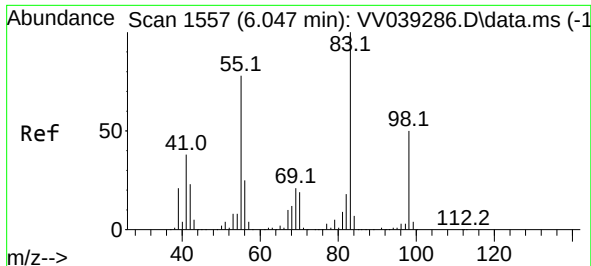
Tgt Ion: 43 Resp: 592244
Ion Ratio Lower Upper
43 100
61 13.6 12.2 18.2
70 10.8 9.0 13.4



#38
Carbon Tetrachloride
Concen: 46.250 ug/l
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion: 117 Resp: 571435
Ion Ratio Lower Upper
117 100
119 94.1 75.9 113.9
121 30.2 24.6 37.0





#39

Methylcyclohexane

Concen: 45.576 ug/l

RT: 6.047 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

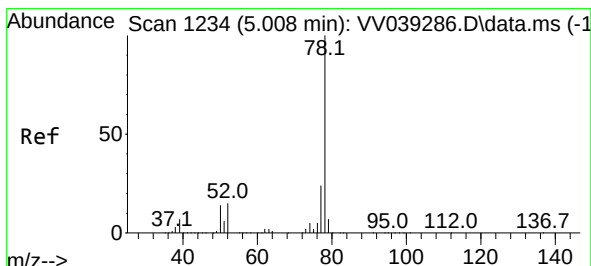
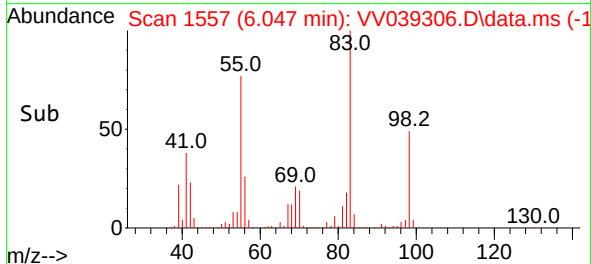
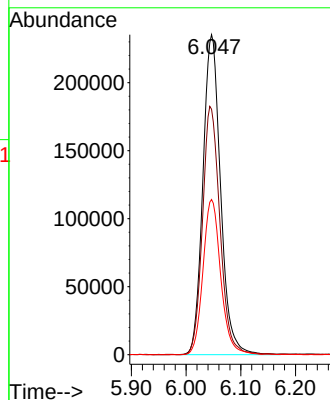
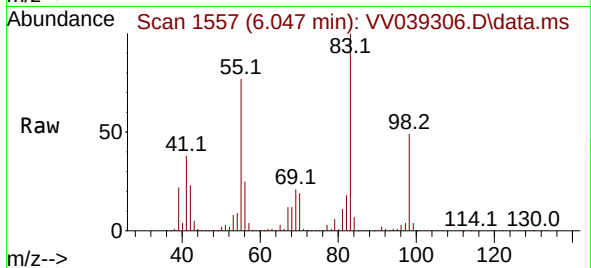
Tgt Ion: 83 Resp: 528252

Ion Ratio Lower Upper

83 100

55 76.6 62.1 93.1

98 48.5 40.2 60.4



#40

Benzene

Concen: 50.813 ug/l

RT: 5.008 min Scan# 1234

Delta R.T. 0.000 min

Lab File: VV039306.D

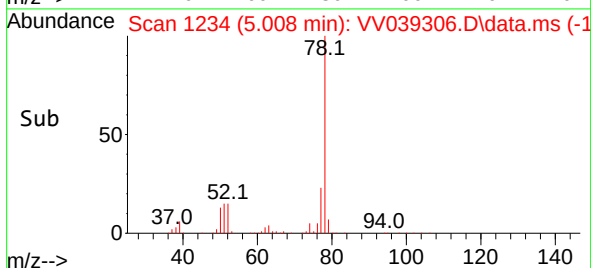
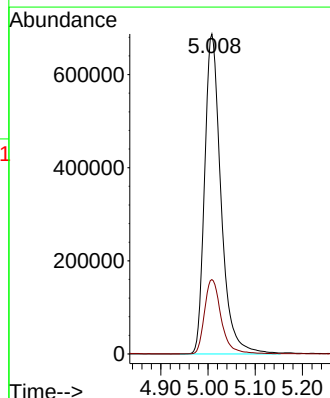
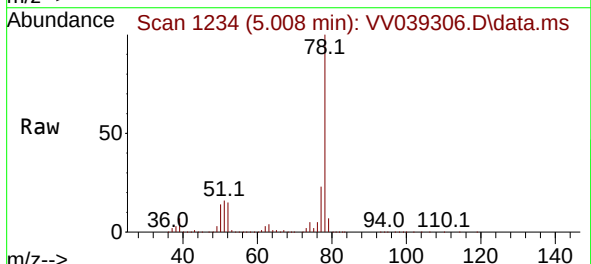
Acq: 04 Nov 2025 11:21

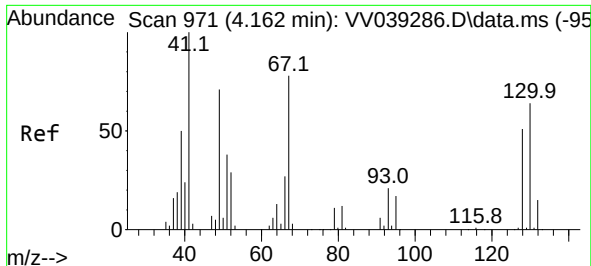
Tgt Ion: 78 Resp: 1653548

Ion Ratio Lower Upper

78 100

77 23.2 18.9 28.3

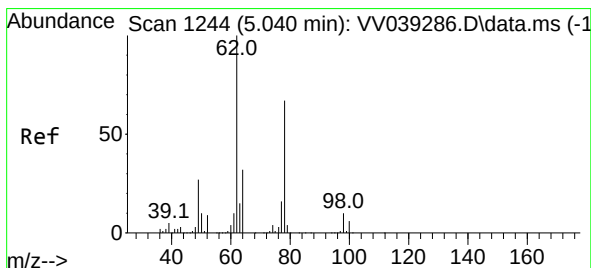
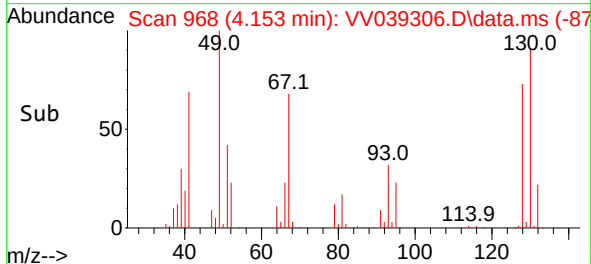
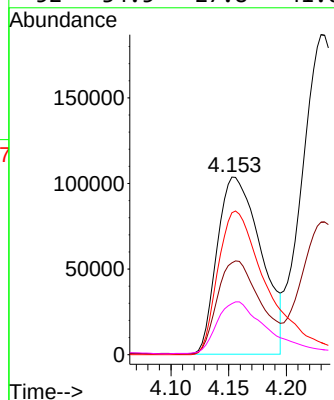
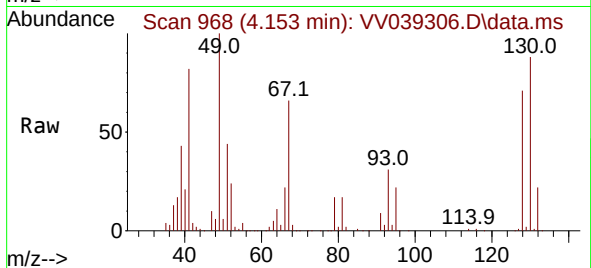




#41
Methacrylonitrile
Concen: 53.736 ug/l
RT: 4.153 min Scan# 91
Delta R.T. -0.010 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

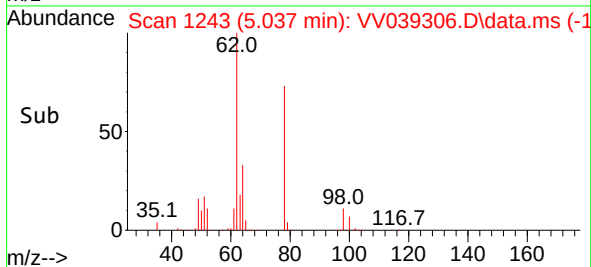
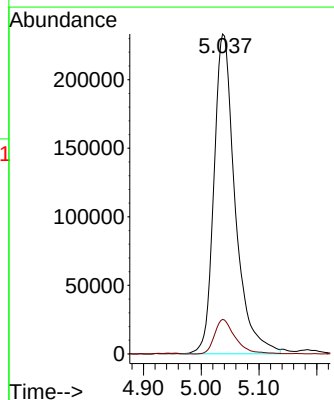
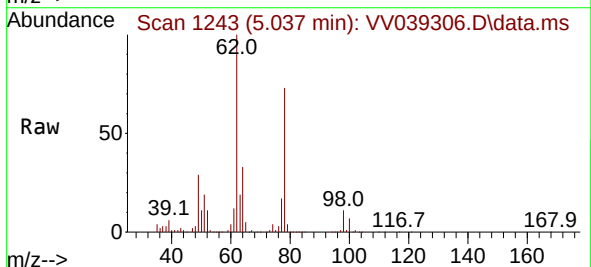
Instrument :
MSVOA_V
ClientSampleId :

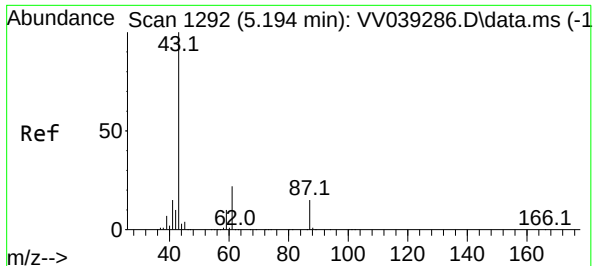
Tgt Ion: 41 Resp: 273531
Ion Ratio Lower Upper
41 100
39 51.6 40.9 61.3
67 92.1 73.1 109.7
52 34.5 27.8 41.6



#42
1,2-Dichloroethane
Concen: 52.074 ug/l
RT: 5.037 min Scan# 1243
Delta R.T. -0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion: 62 Resp: 594744
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.0

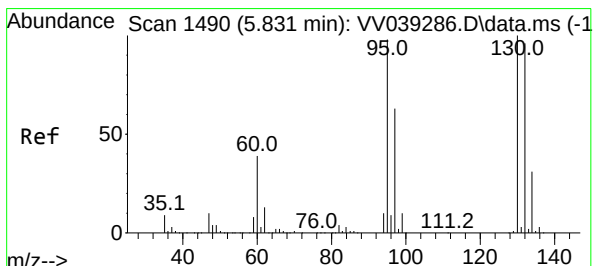
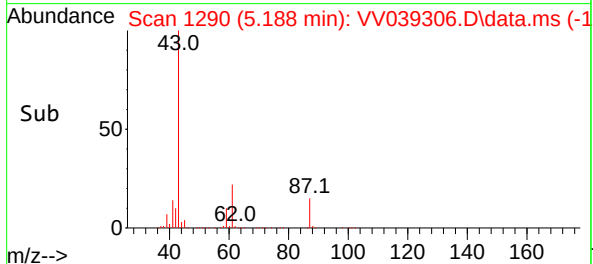
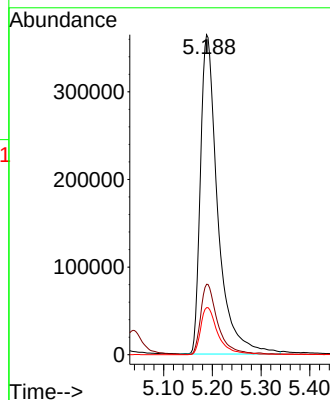
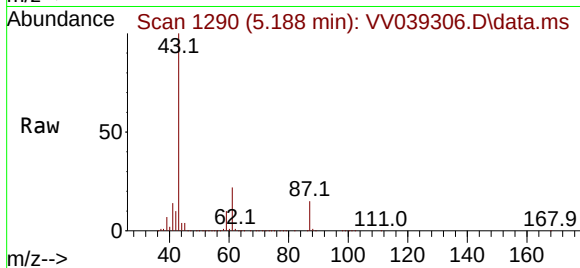




#43
Isopropyl Acetate
Concen: 58.059 ug/l
RT: 5.188 min Scan# 11
Delta R.T. -0.006 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

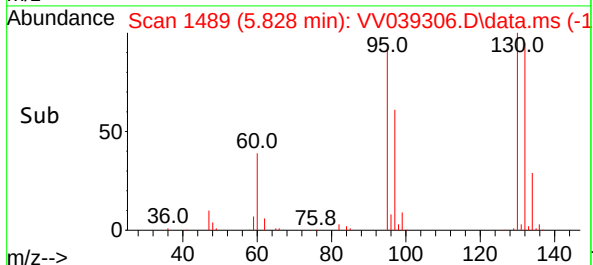
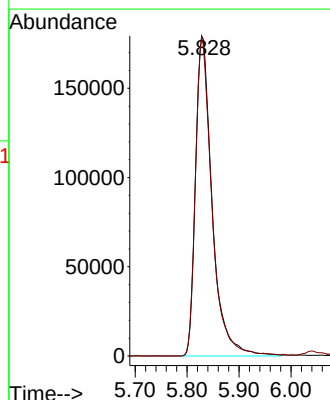
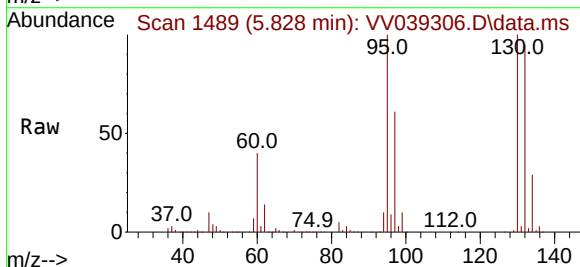
Instrument :
MSVOA_V
ClientSampleId :

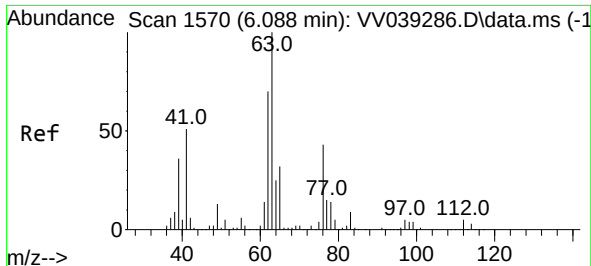
Tgt Ion: 43 Resp: 902456
Ion Ratio Lower Upper
43 100
61 21.3 17.1 25.7
87 14.7 11.5 17.3



#44
Trichloroethene
Concen: 48.767 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion:130 Resp: 399079
Ion Ratio Lower Upper
130 100
95 99.6 0.0 196.6





#45

1,2-Dichloropropane

Concen: 54.926 ug/l

RT: 6.085 min Scan# 1569

Delta R.T. -0.003 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

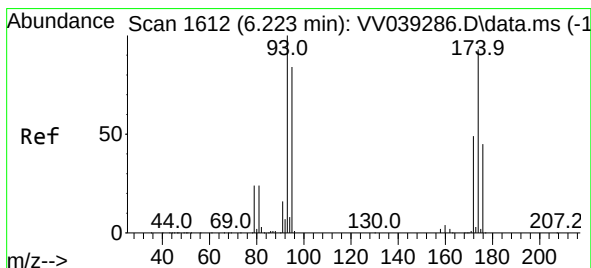
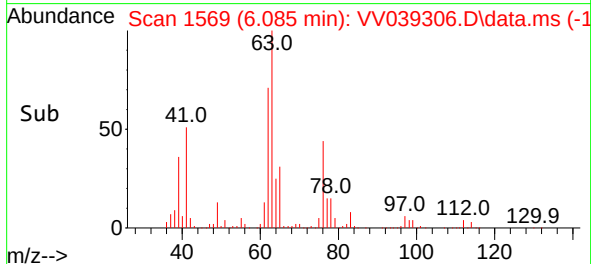
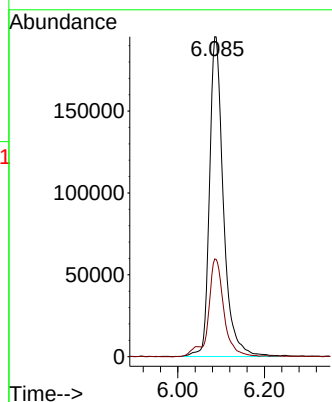
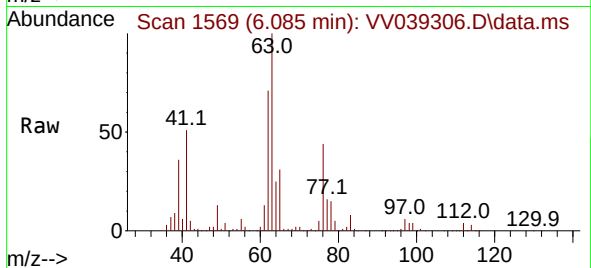
ClientSampleId :

Tgt Ion: 63 Resp: 434939

Ion Ratio Lower Upper

63 100

65 30.5 25.4 38.2



#46

Dibromomethane

Concen: 52.994 ug/l

RT: 6.223 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

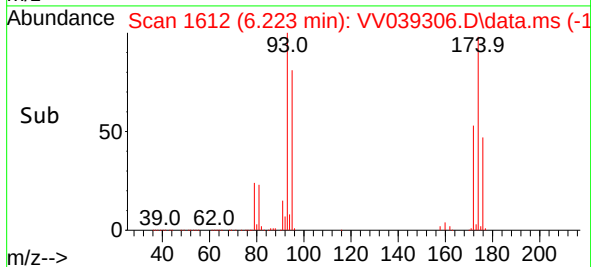
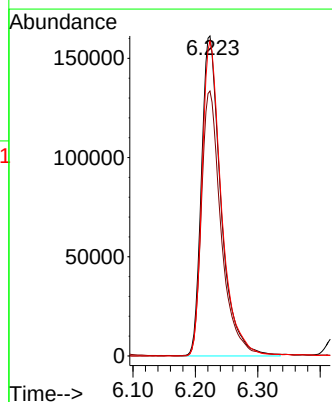
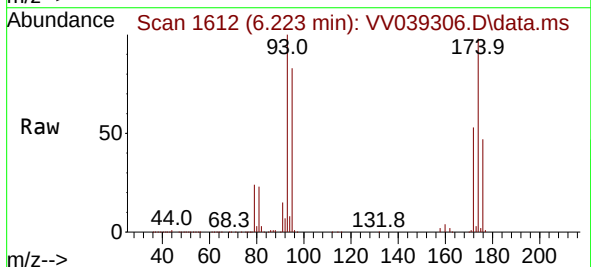
Tgt Ion: 93 Resp: 350757

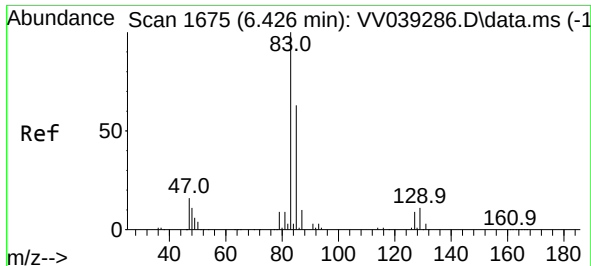
Ion Ratio Lower Upper

93 100

95 82.9 65.6 98.4

174 97.7 74.6 112.0

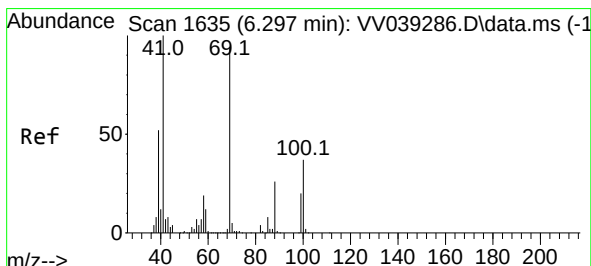
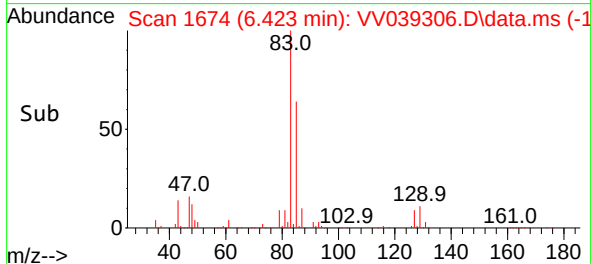
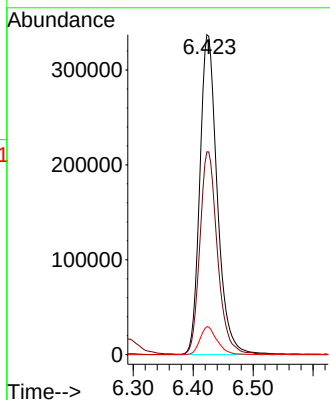
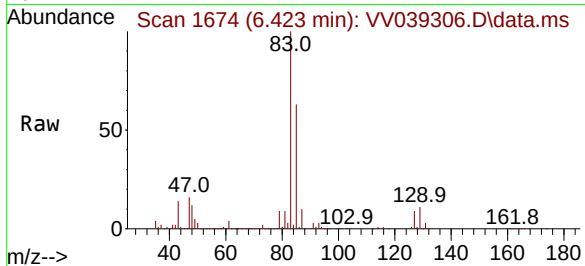




#47
Bromodichloromethane
Concen: 52.319 ug/l
RT: 6.423 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

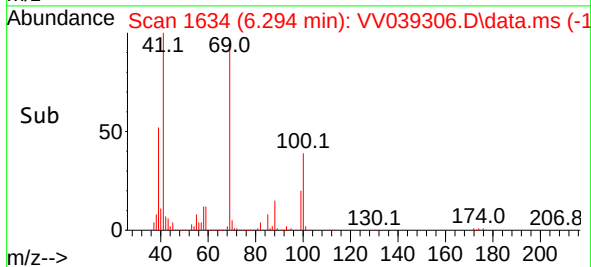
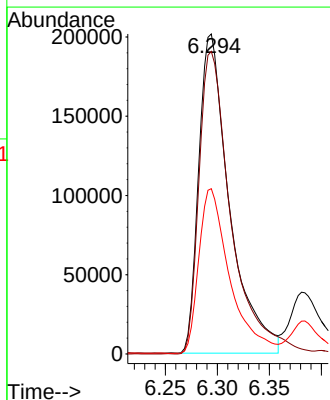
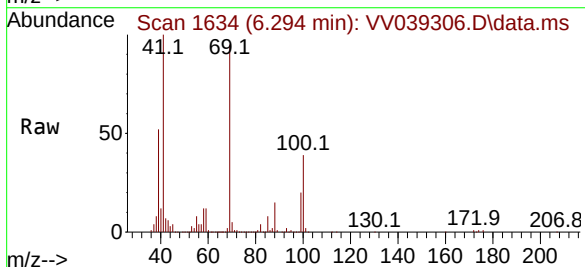
Instrument :
MSVOA_V
ClientSampleId :

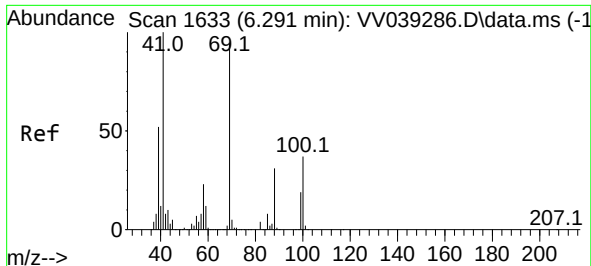
Tgt Ion: 83 Resp: 682315
Ion Ratio Lower Upper
83 100
85 63.3 50.9 76.3
127 8.7 7.0 10.6



#48
Methyl methacrylate
Concen: 57.640 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. -0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion: 41 Resp: 415063
Ion Ratio Lower Upper
41 100
69 99.0 77.2 115.8
39 51.8 41.4 62.0





#49

1,4-Dioxane

Concen: 612.857 ug/l

RT: 6.288 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

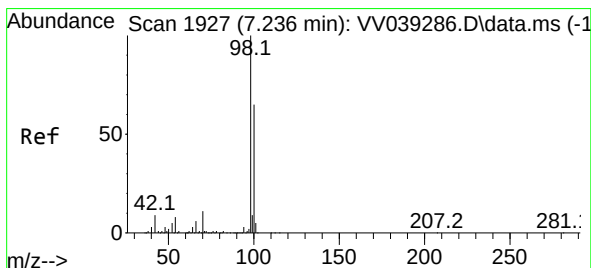
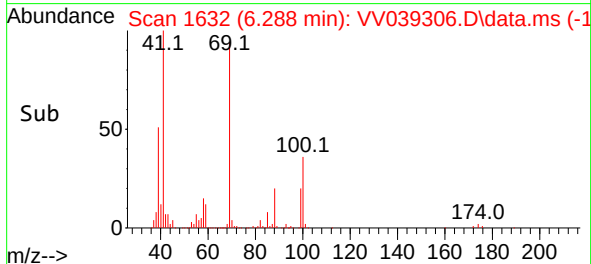
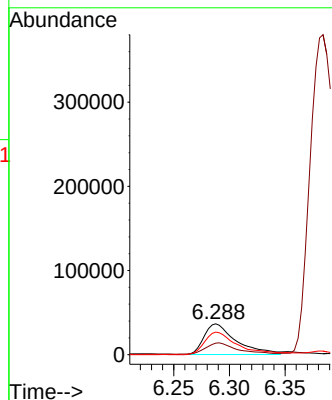
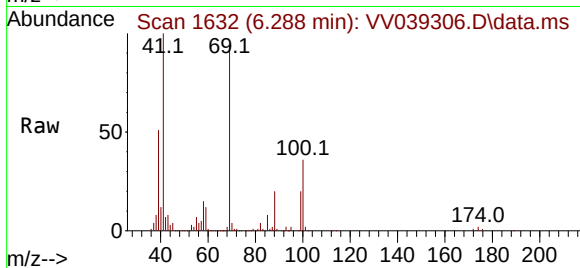
Tgt Ion: 88 Resp: 73414

Ion Ratio Lower Upper

88 100

43 36.2 24.1 36.1#

58 77.2 57.6 86.4



#50

Toluene-d8

Concen: 52.707 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV039306.D

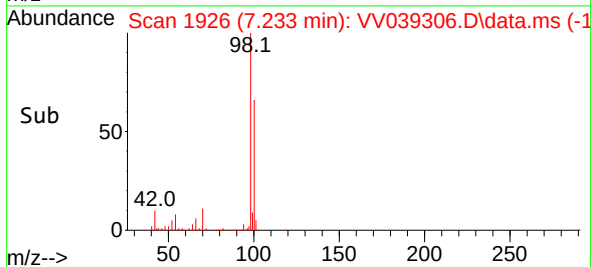
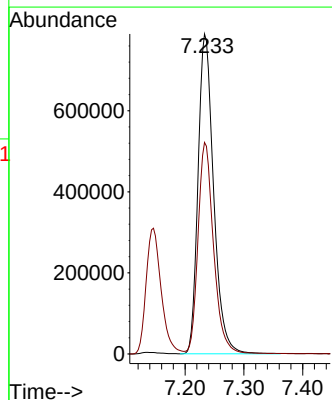
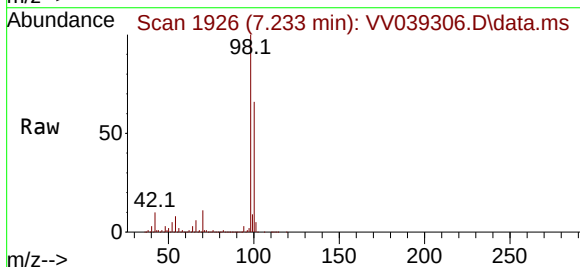
Acq: 04 Nov 2025 11:21

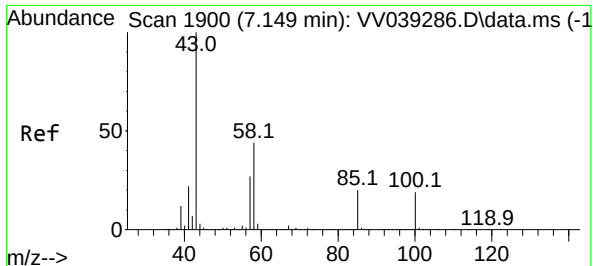
Tgt Ion: 98 Resp: 1447777

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 284.472 ug/l

RT: 7.143 min Scan# 1898

Delta R.T. -0.006 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

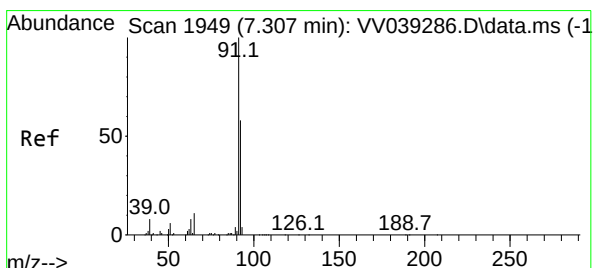
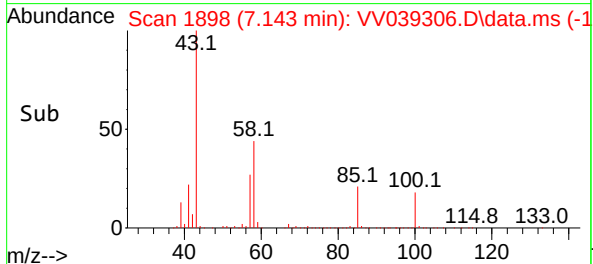
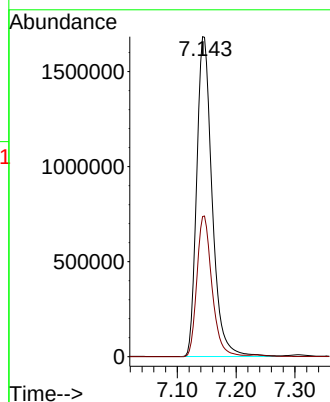
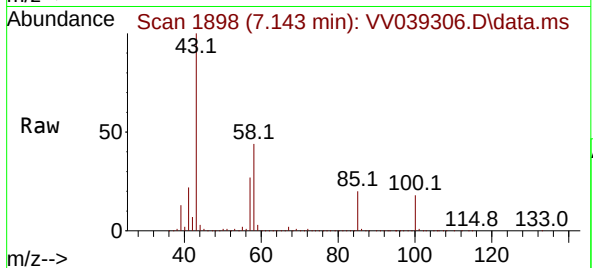
ClientSampleId :

Tgt Ion: 43 Resp: 3067700

Ion Ratio Lower Upper

43 100

58 43.0 34.2 51.4



#52

Toluene

Concen: 53.182 ug/l

RT: 7.307 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VV039306.D

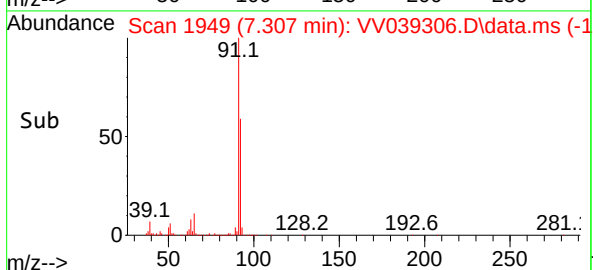
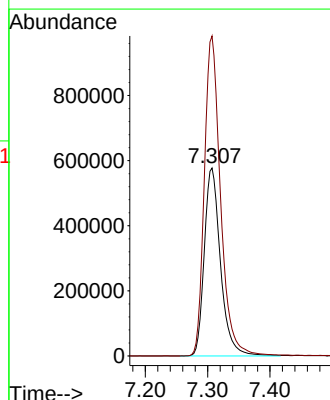
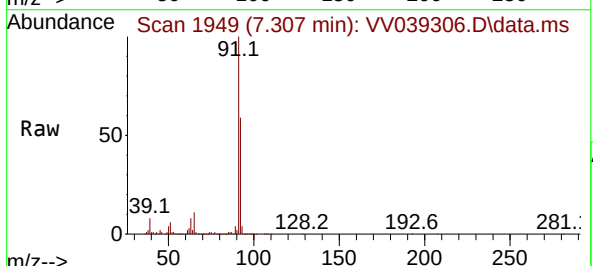
Acq: 04 Nov 2025 11:21

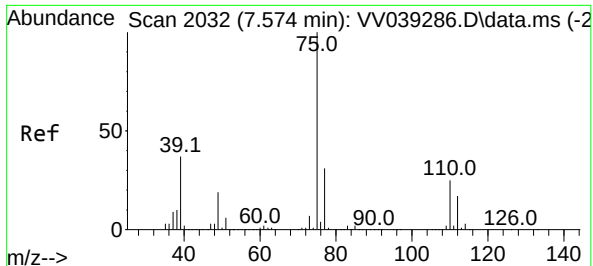
Tgt Ion: 92 Resp: 1044959

Ion Ratio Lower Upper

92 100

91 170.4 137.3 205.9





#53

t-1,3-Dichloropropene

Concen: 58.145 ug/l

RT: 7.571 min Scan# 2032

Delta R.T. -0.003 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

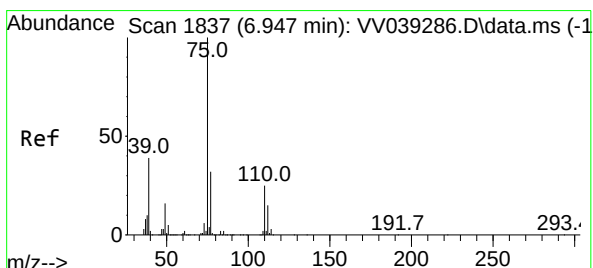
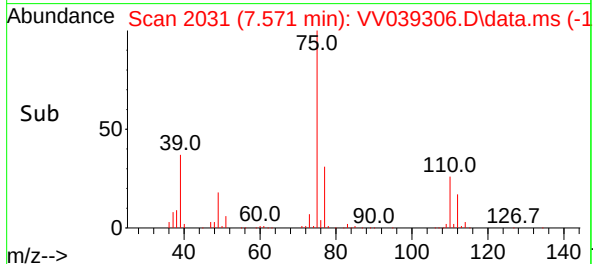
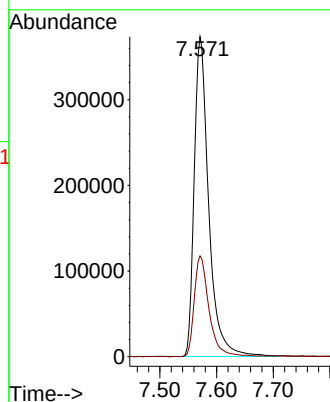
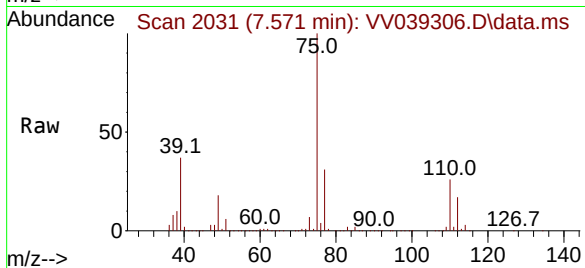
ClientSampleId :

Tgt Ion: 75 Resp: 662717

Ion Ratio Lower Upper

75 100

77 31.4 25.1 37.7



#54

cis-1,3-Dichloropropene

Concen: 57.165 ug/l

RT: 6.944 min Scan# 1836

Delta R.T. -0.003 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

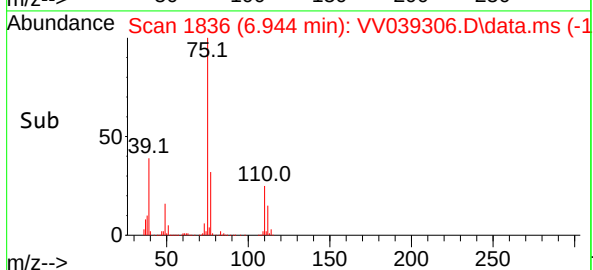
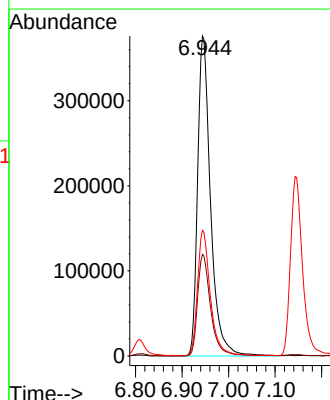
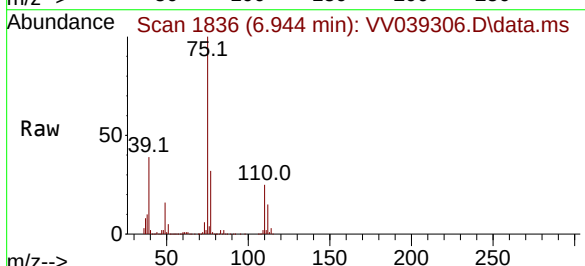
Tgt Ion: 75 Resp: 724372

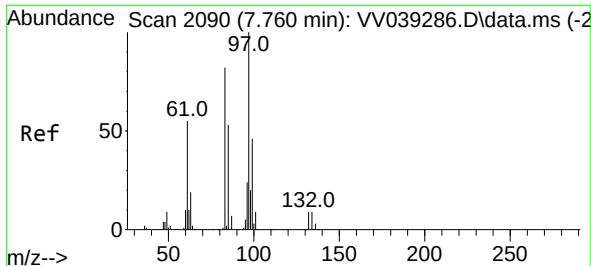
Ion Ratio Lower Upper

75 100

77 31.7 25.6 38.4

39 39.1 31.0 46.6



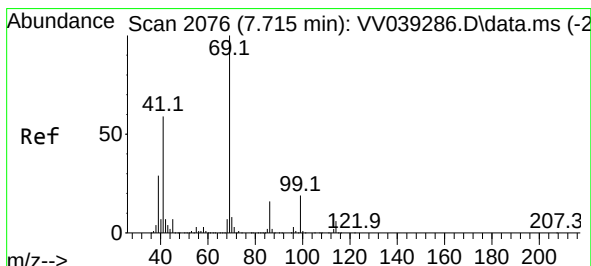
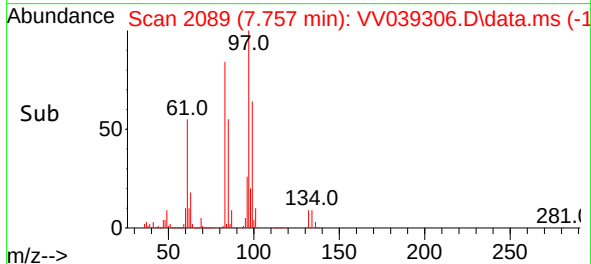
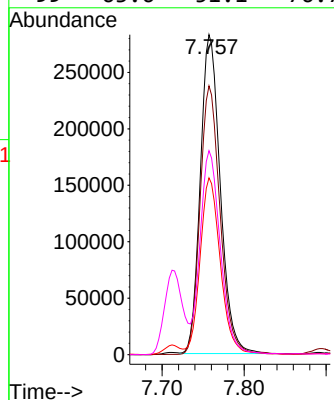
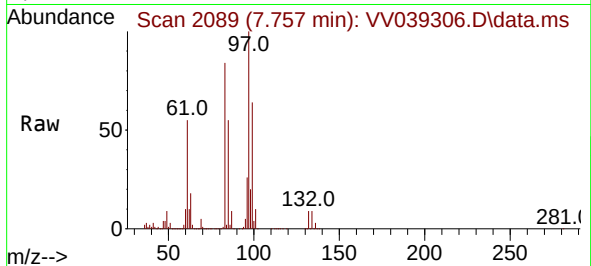


#55
 1,1,2-Trichloroethane
 Concen: 53.719 ug/l
 RT: 7.757 min Scan# 2090
 Delta R.T. -0.003 min
 Lab File: VV039306.D
 Acq: 04 Nov 2025 11:21

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 97 Resp: 476609

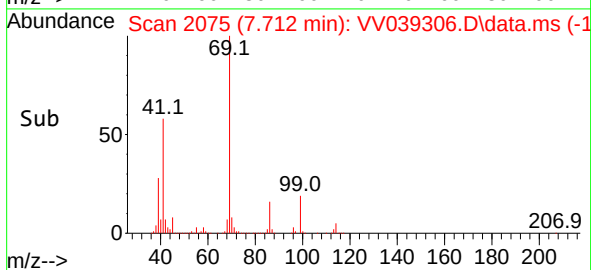
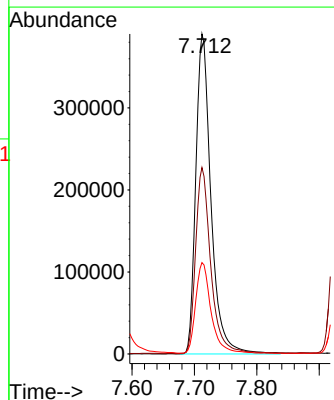
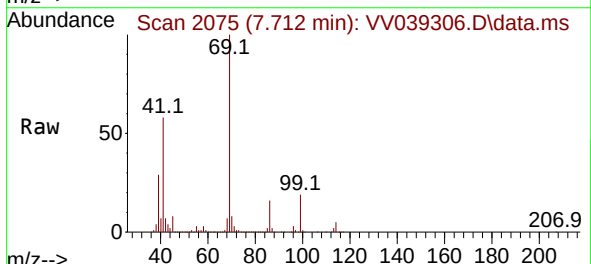
Ion	Ratio	Lower	Upper
97	100		
83	84.1	65.8	98.8
85	55.2	43.3	64.9
99	63.6	51.1	76.7

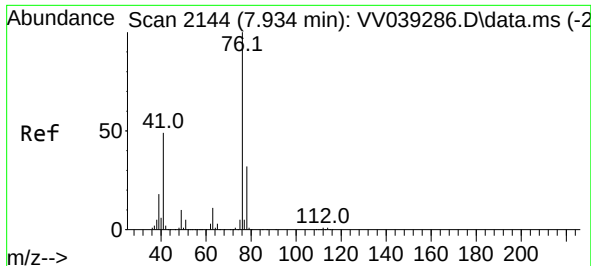


#56
 Ethyl methacrylate
 Concen: 65.633 ug/l
 RT: 7.712 min Scan# 2075
 Delta R.T. -0.003 min
 Lab File: VV039306.D
 Acq: 04 Nov 2025 11:21

Tgt Ion: 69 Resp: 659731

Ion	Ratio	Lower	Upper
69	100		
41	58.1	47.1	70.7
39	28.6	23.2	34.8

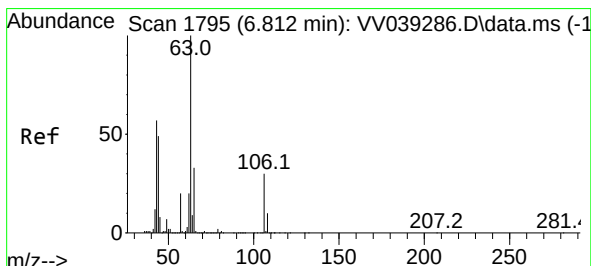
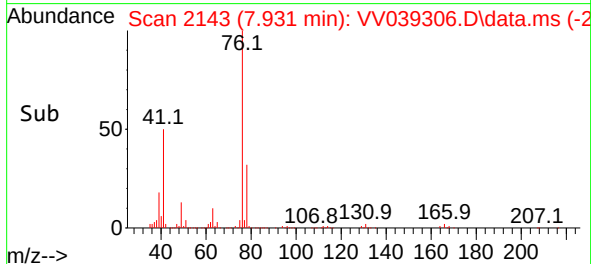
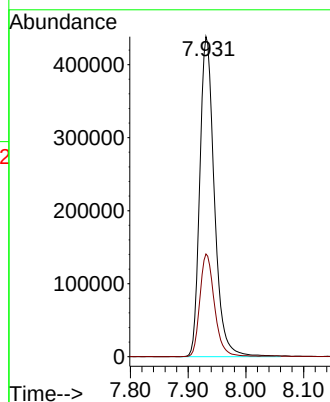
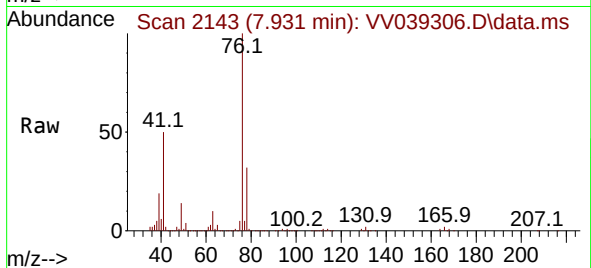




#57
 1,3-Dichloropropane
 Concen: 57.383 ug/l
 RT: 7.931 min Scan# 2143
 Delta R.T. -0.003 min
 Lab File: VV039306.D
 Acq: 04 Nov 2025 11:21

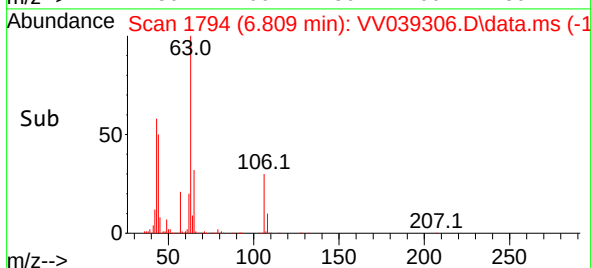
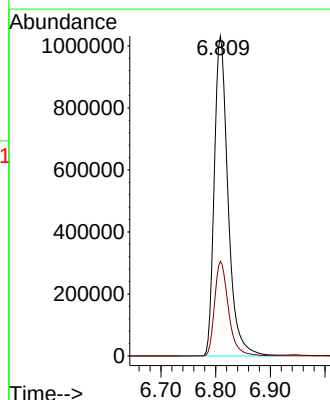
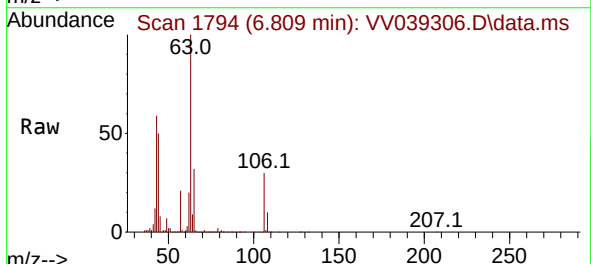
Instrument :
 MSVOA_V
 ClientSampleId :

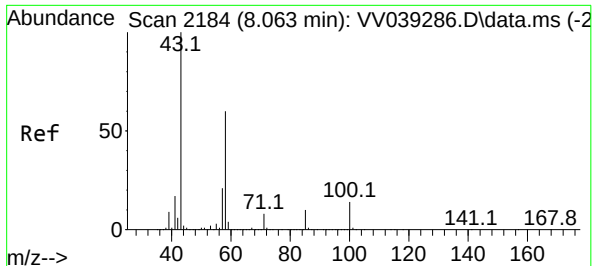
Tgt Ion: 76 Resp: 768271
 Ion Ratio Lower Upper
 76 100
 78 32.3 25.6 38.4



#58
 2-Chloroethyl Vinyl ether
 Concen: 295.215 ug/l
 RT: 6.809 min Scan# 1794
 Delta R.T. -0.003 min
 Lab File: VV039306.D
 Acq: 04 Nov 2025 11:21

Tgt Ion: 63 Resp: 1805314
 Ion Ratio Lower Upper
 63 100
 106 29.7 23.5 35.3

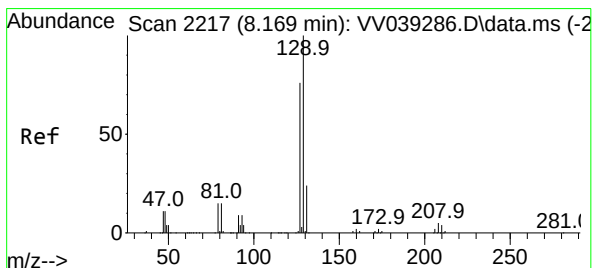
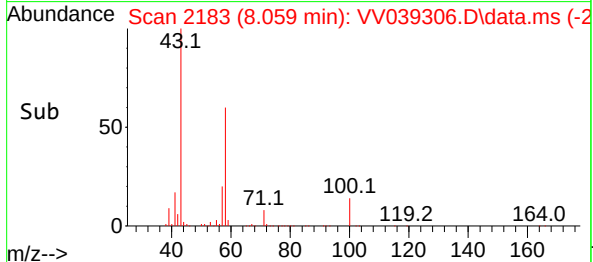
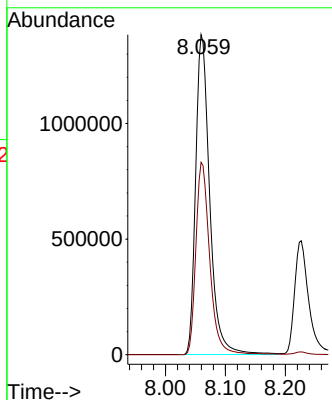
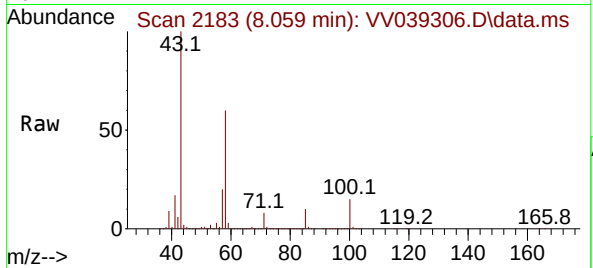




#59
2-Hexanone
Concen: 285.636 ug/l
RT: 8.059 min Scan# 2183
Delta R.T. -0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

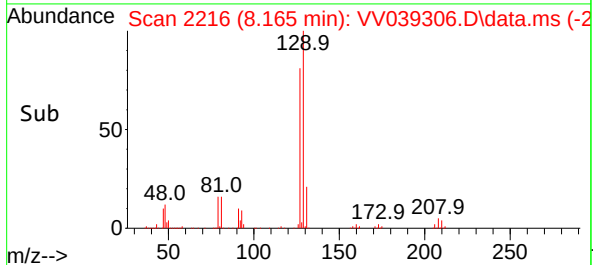
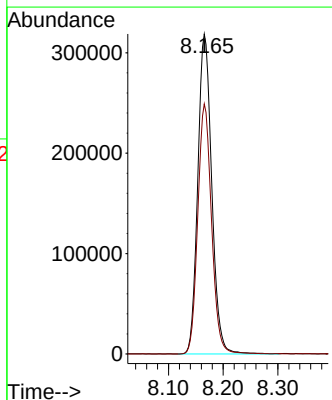
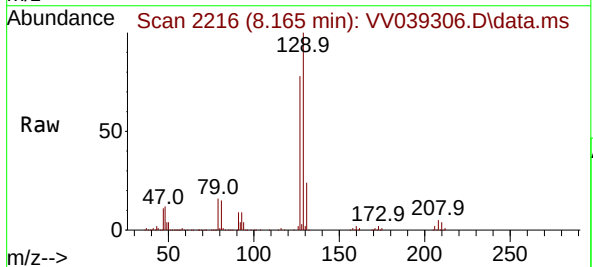
Instrument :
MSVOA_V
ClientSampleId :

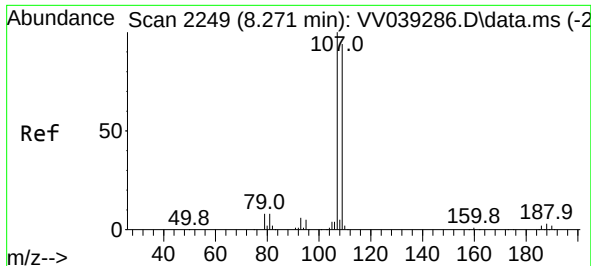
Tgt Ion: 43 Resp: 2261357
Ion Ratio Lower Upper
43 100
58 59.2 29.6 88.9



#60
Dibromochloromethane
Concen: 54.397 ug/l
RT: 8.165 min Scan# 2216
Delta R.T. -0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion:129 Resp: 564299
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.1

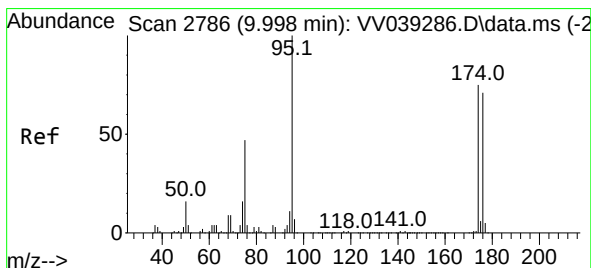
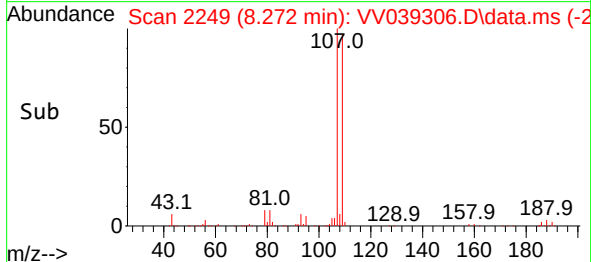
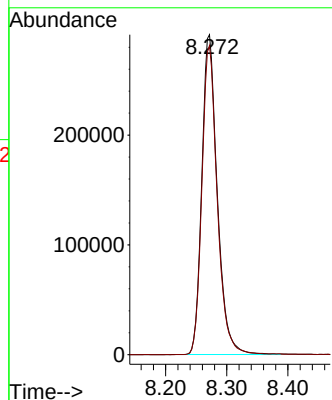
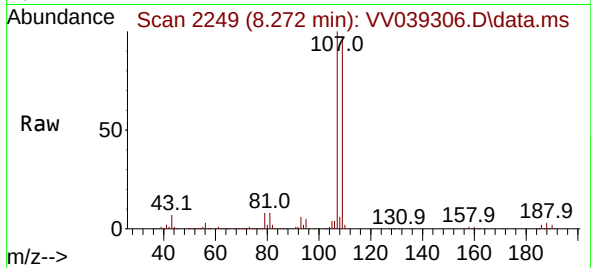




#61
 1,2-Dibromoethane
 Concen: 55.543 ug/l
 RT: 8.272 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV039306.D
 Acq: 04 Nov 2025 11:21

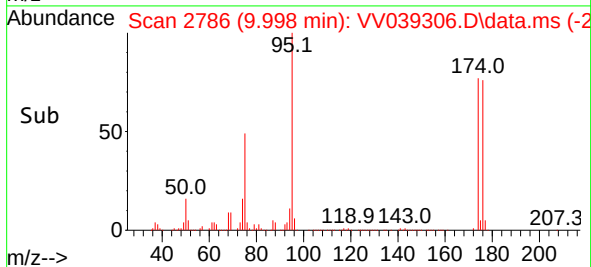
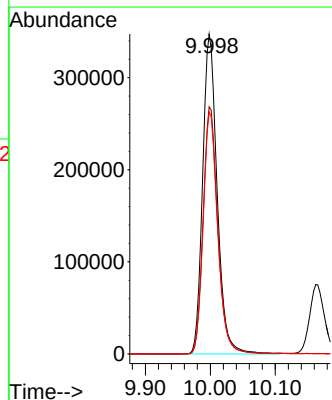
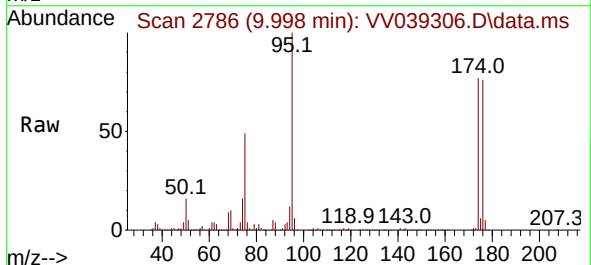
Instrument :
 MSVOA_V
 ClientSampleId :

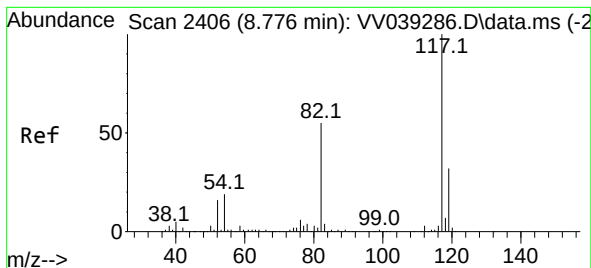
Tgt Ion:107 Resp: 513123
 Ion Ratio Lower Upper
 107 100
 109 95.8 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 55.299 ug/l
 RT: 9.998 min Scan# 2786
 Delta R.T. 0.000 min
 Lab File: VV039306.D
 Acq: 04 Nov 2025 11:21

Tgt Ion: 95 Resp: 540972
 Ion Ratio Lower Upper
 95 100
 174 77.9 0.0 153.6
 176 75.6 0.0 146.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2406

Delta R.T. -0.003 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

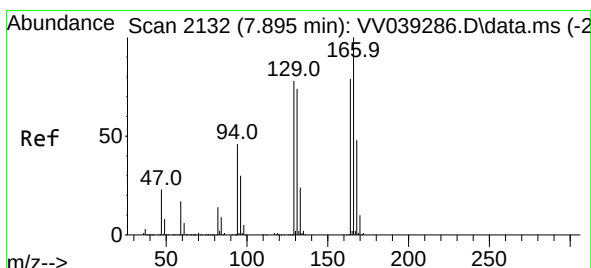
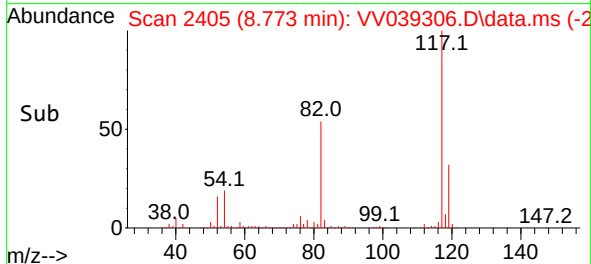
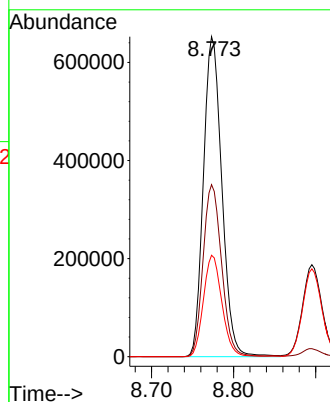
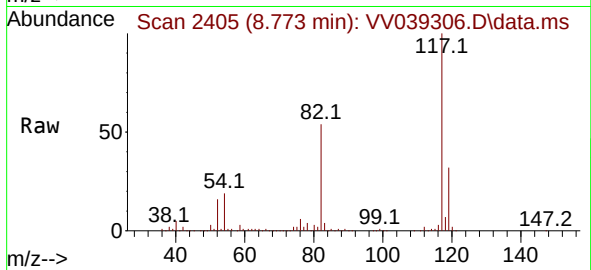
Tgt Ion:117 Resp: 1022016

Ion Ratio Lower Upper

117 100

82 53.8 43.8 65.8

119 31.7 25.8 38.6



#64

Tetrachloroethene

Concen: 46.957 ug/l

RT: 7.895 min Scan# 2132

Delta R.T. 0.000 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Tgt Ion:164 Resp: 350075

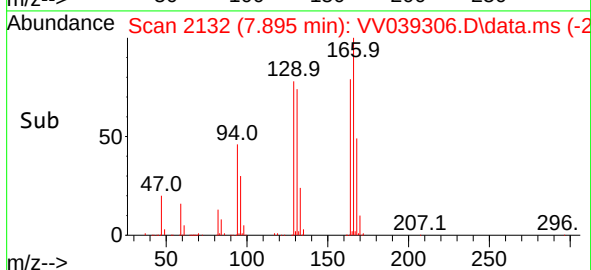
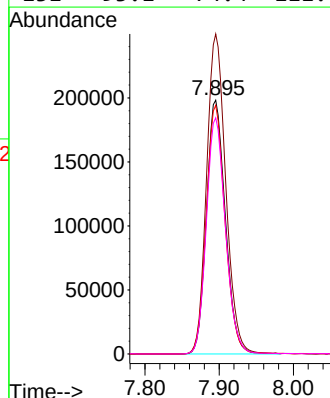
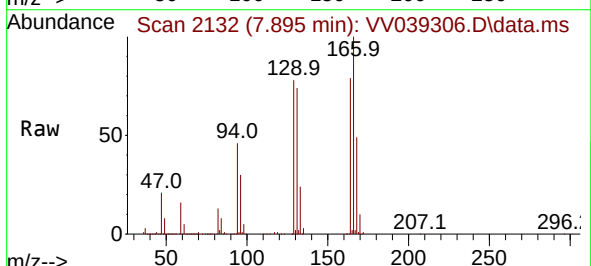
Ion Ratio Lower Upper

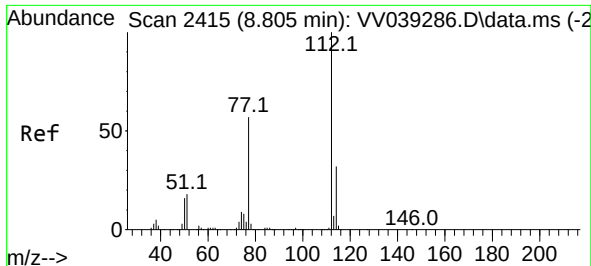
164 100

166 126.1 101.0 151.6

129 98.0 79.0 118.6

131 93.1 74.4 111.6

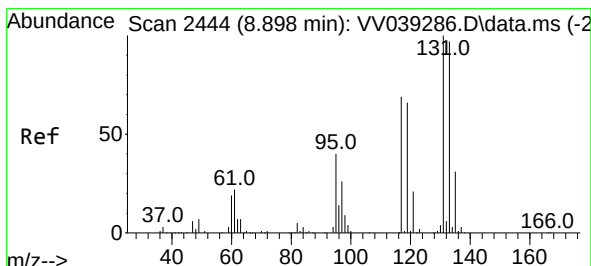
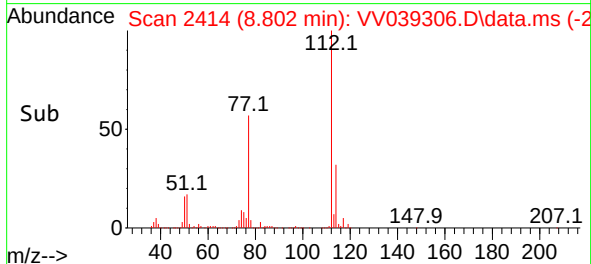
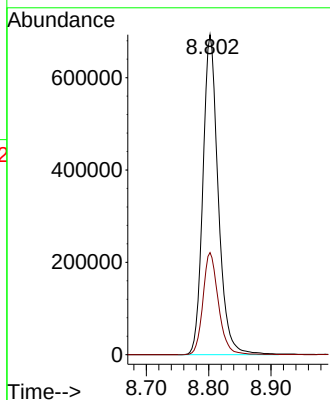
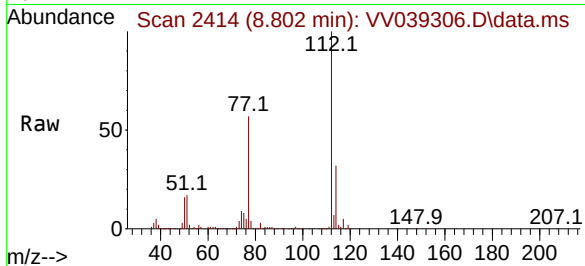




#65
Chlorobenzene
Concen: 48.993 ug/l
RT: 8.802 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

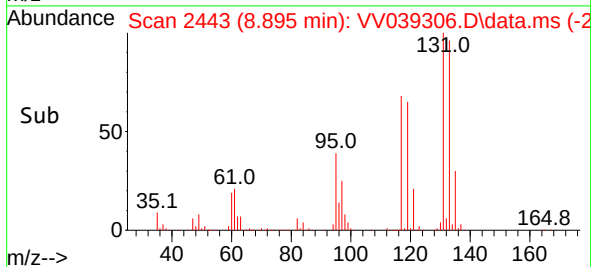
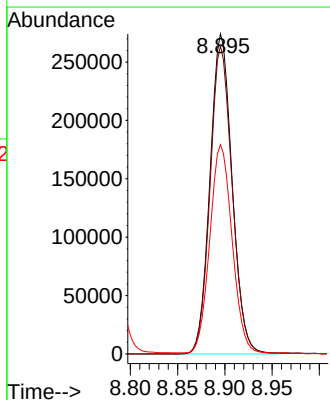
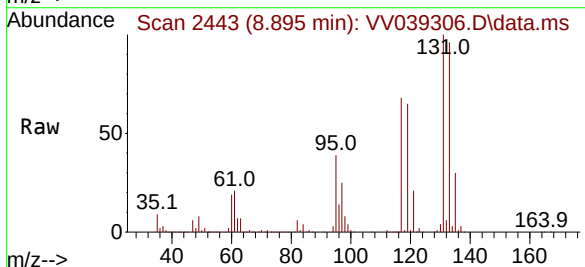
Instrument :
MSVOA_V
ClientSampleId :

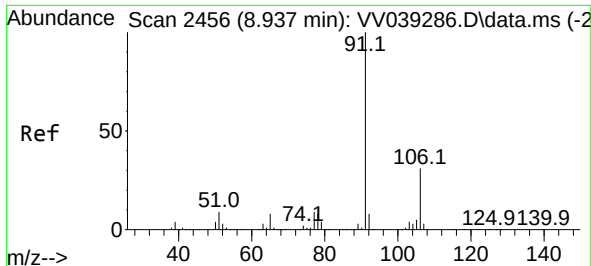
Tgt Ion:112 Resp: 1185359
Ion Ratio Lower Upper
112 100
114 31.9 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.149 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. -0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion:131 Resp: 445410
Ion Ratio Lower Upper
131 100
133 96.0 47.8 143.3
119 65.7 32.7 98.1





#67

Ethyl Benzene

Concen: 52.129 ug/l

RT: 8.934 min Scan# 2456

Delta R.T. -0.003 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

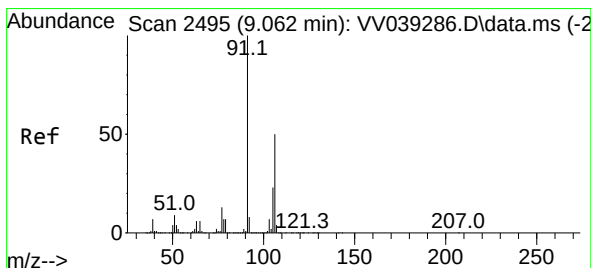
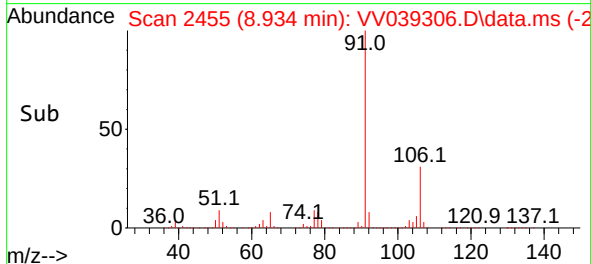
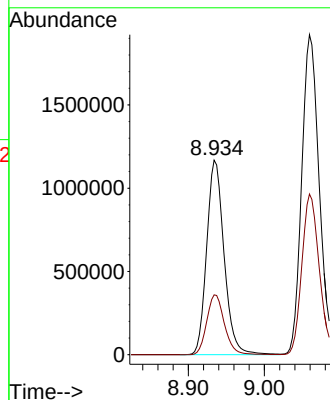
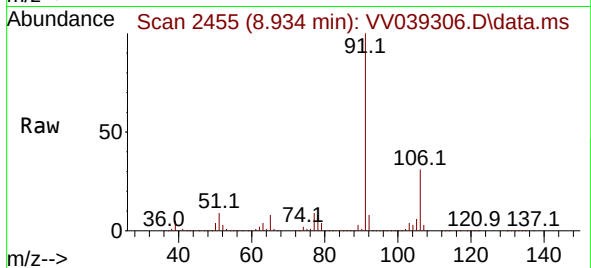
ClientSampleId :

Tgt Ion: 91 Resp: 1857821

Ion Ratio Lower Upper

91 100

106 30.8 24.6 37.0



#68

m/p-Xylenes

Concen: 109.762 ug/l

RT: 9.059 min Scan# 2494

Delta R.T. -0.003 min

Lab File: VV039306.D

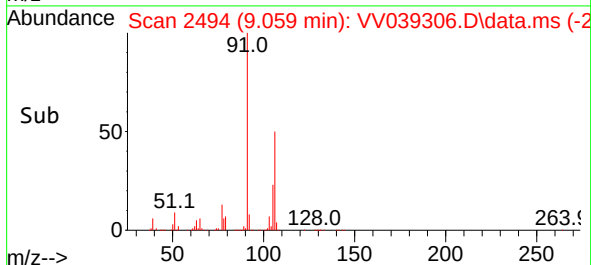
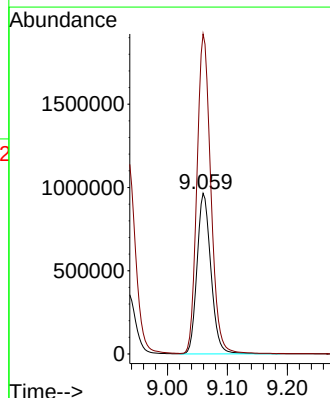
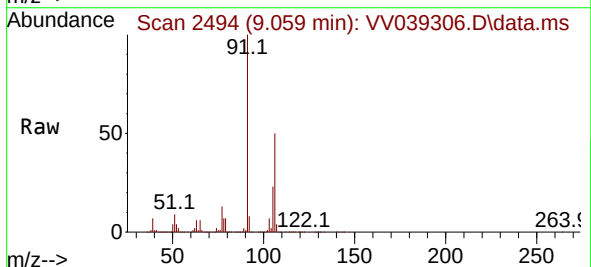
Acq: 04 Nov 2025 11:21

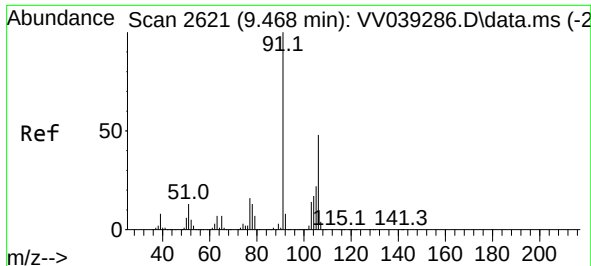
Tgt Ion:106 Resp: 1551500

Ion Ratio Lower Upper

106 100

91 199.4 160.2 240.2

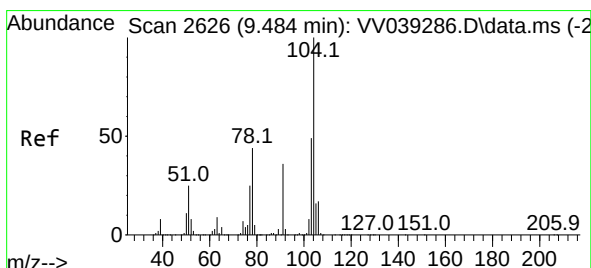
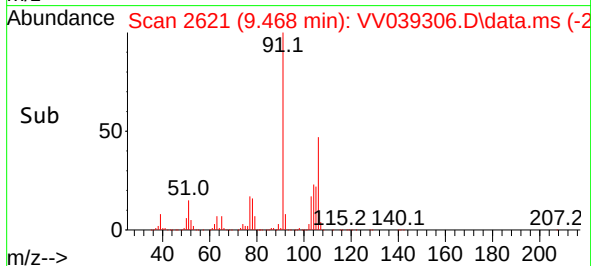
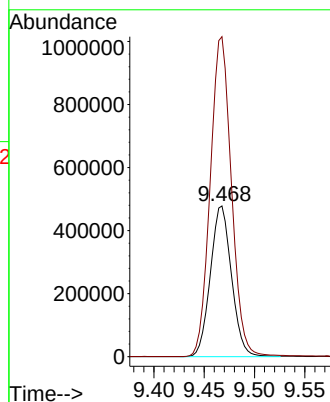
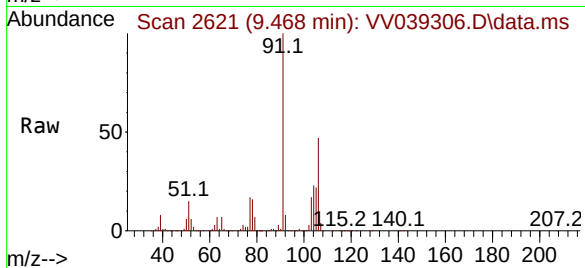




#69
o-Xylene
Concen: 56.059 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

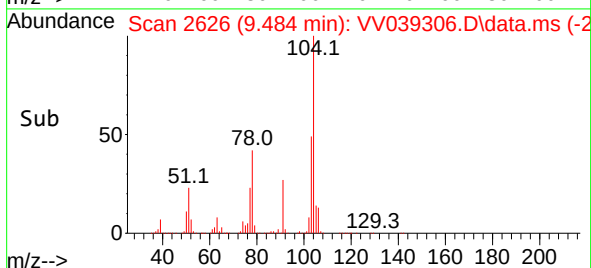
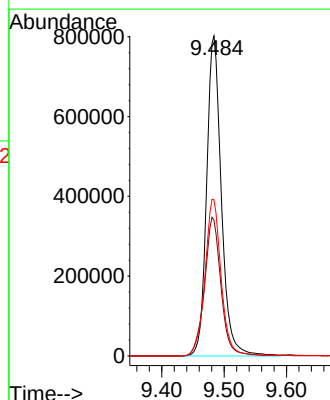
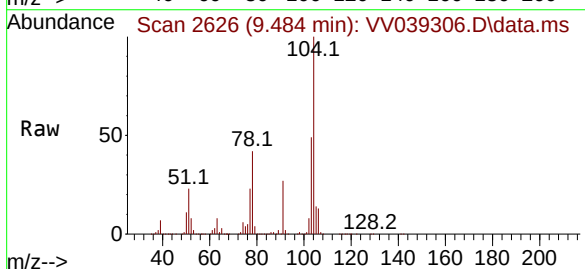
Instrument :
MSVOA_V
ClientSampleId :

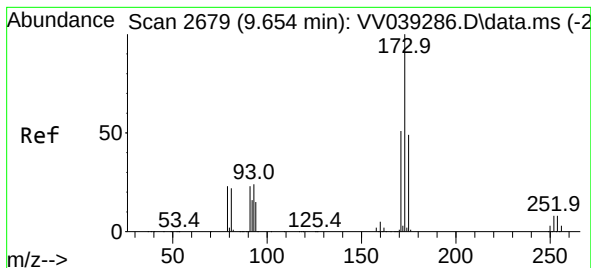
Tgt Ion:106 Resp: 699770
Ion Ratio Lower Upper
106 100
91 213.6 105.8 317.3



#70
Styrene
Concen: 59.415 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion:104 Resp: 1319658
Ion Ratio Lower Upper
104 100
78 48.3 38.9 58.3
103 53.8 42.9 64.3





#71

Bromoform

Concen: 54.721 ug/l

RT: 9.651 min Scan# 2

Delta R.T. -0.003 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

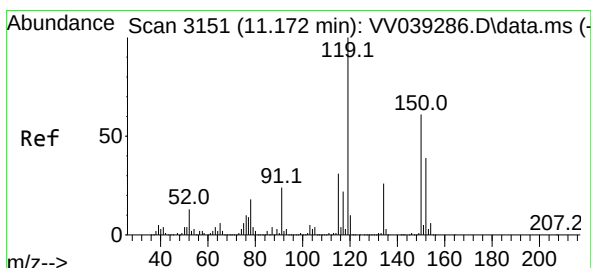
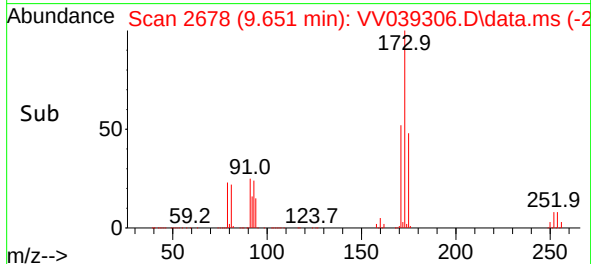
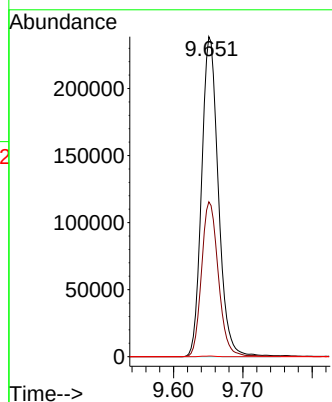
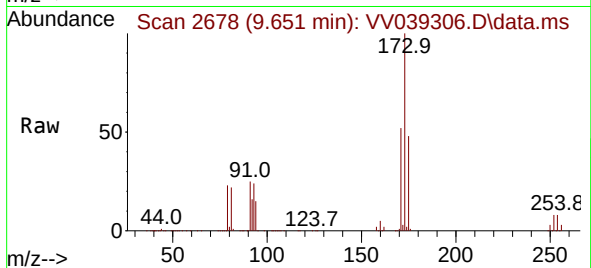
Tgt Ion:173 Resp: 401043

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.6

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

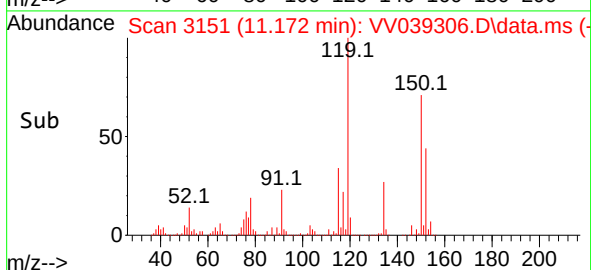
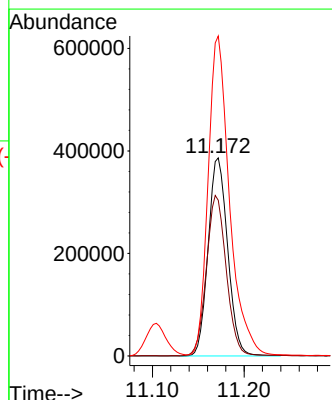
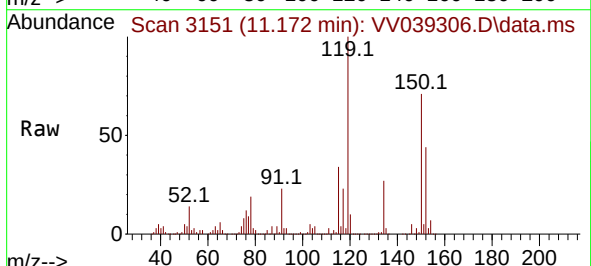
Tgt Ion:152 Resp: 572200

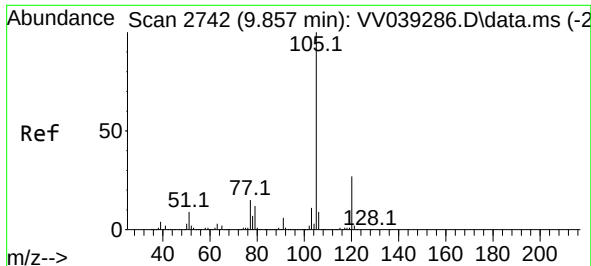
Ion Ratio Lower Upper

152 100

115 82.2 42.3 126.8

150 177.2 0.0 348.0

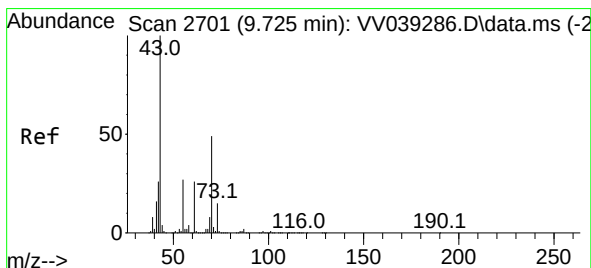
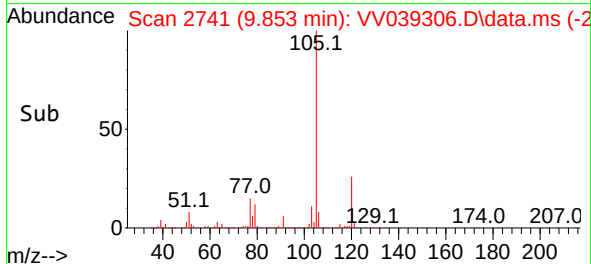
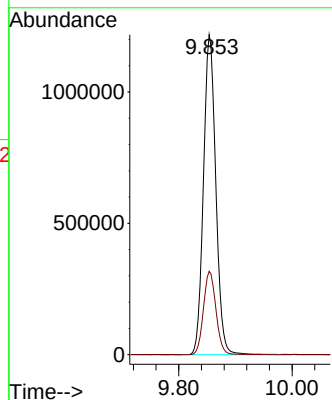
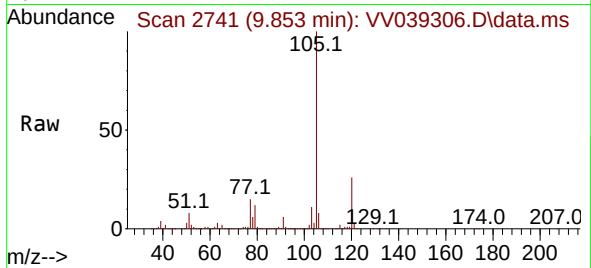




#73
Isopropylbenzene
Concen: 52.993 ug/l
RT: 9.853 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

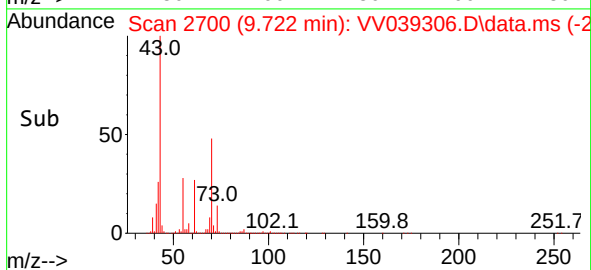
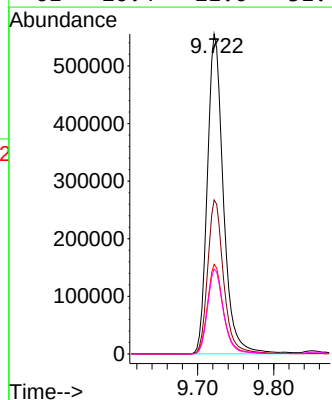
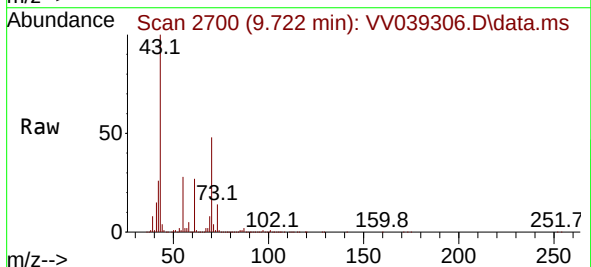
Instrument :
MSVOA_V
ClientSampleId :

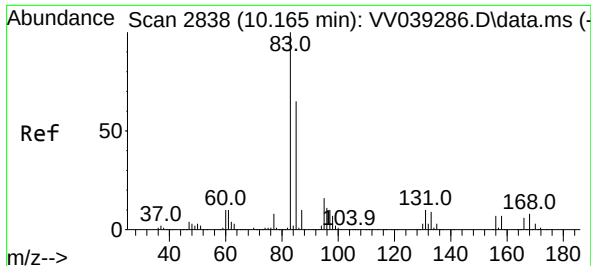
Tgt Ion:105 Resp: 1841327
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.5



#74
N-ethyl acetate
Concen: 56.636 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. -0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion: 43 Resp: 810885
Ion Ratio Lower Upper
43 100
70 48.0 38.6 58.0
55 28.1 21.9 32.9
61 26.4 21.0 31.4

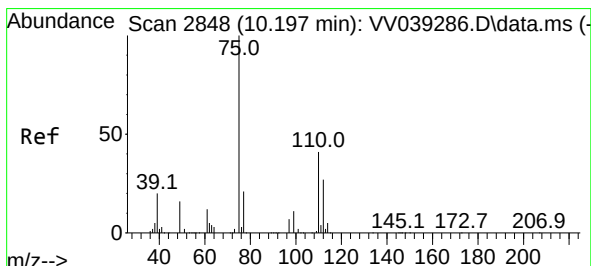
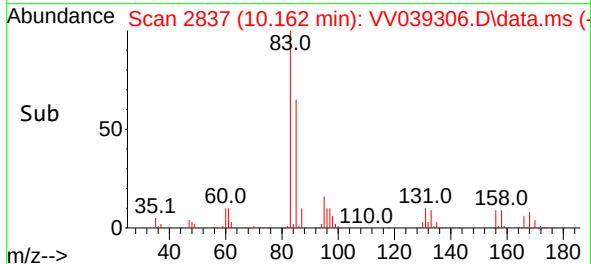
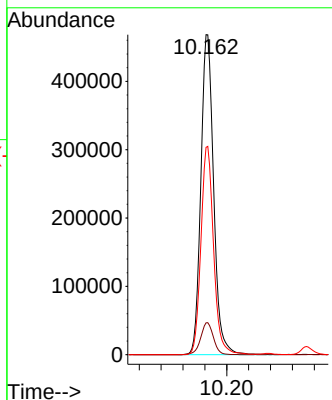
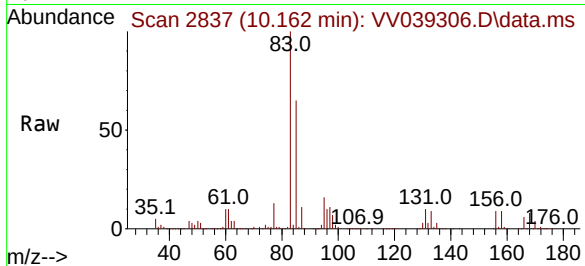




#75
1,1,2-Tetrachloroethane
Concen: 47.616 ug/l
RT: 10.162 min Scan# 2837
Delta R.T. -0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

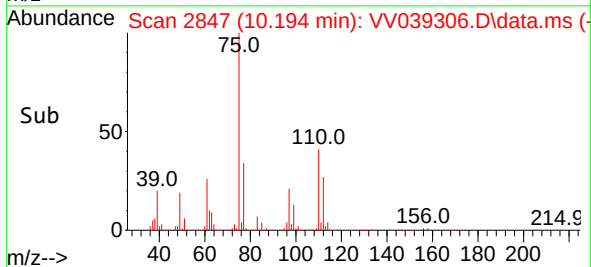
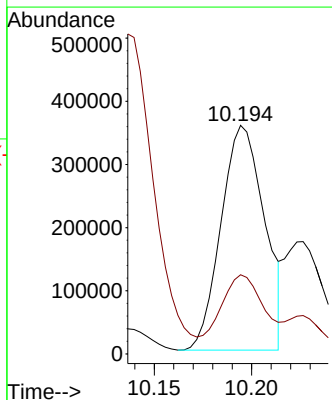
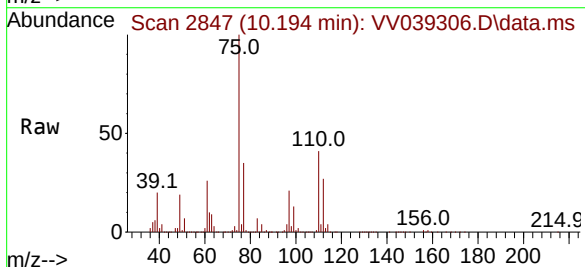
Instrument :
MSVOA_V
ClientSampleId :

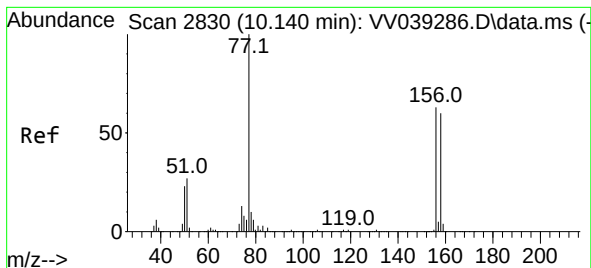
Tgt Ion: 83 Resp: 759804
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.4 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 48.325 ug/l
RT: 10.194 min Scan# 2847
Delta R.T. -0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion: 75 Resp: 551899
Ion Ratio Lower Upper
75 100
77 23.8 12.2 36.4





#77

Bromobenzene

Concen: 52.955 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

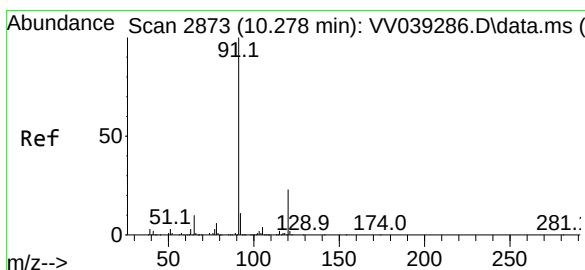
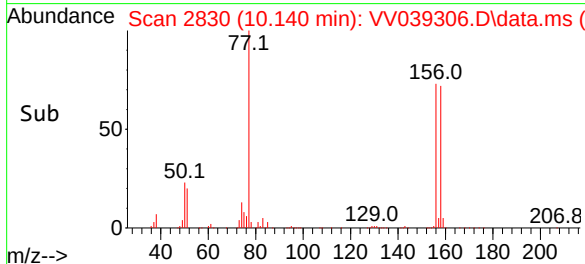
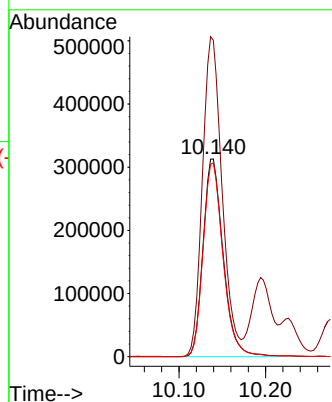
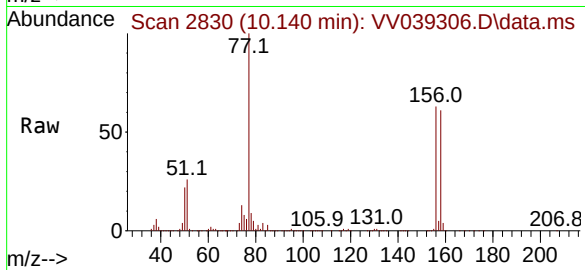
Tgt Ion:156 Resp: 505820

Ion Ratio Lower Upper

156 100

77 157.3 78.4 235.2

158 97.2 47.7 143.1



#78

n-propylbenzene

Concen: 51.927 ug/l

RT: 10.275 min Scan# 2872

Delta R.T. -0.003 min

Lab File: VV039306.D

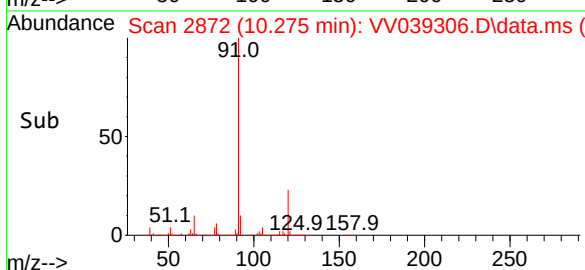
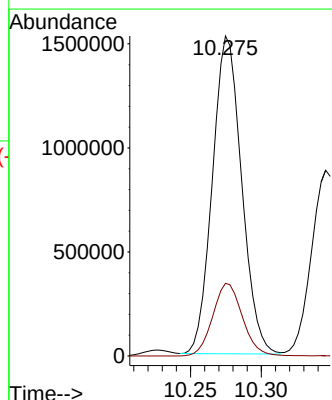
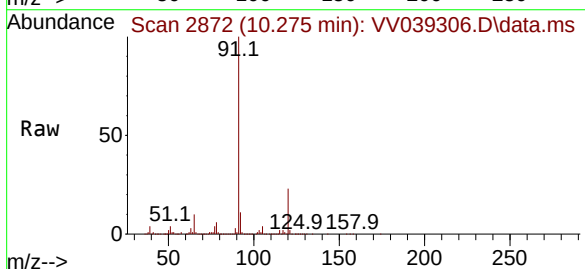
Acq: 04 Nov 2025 11:21

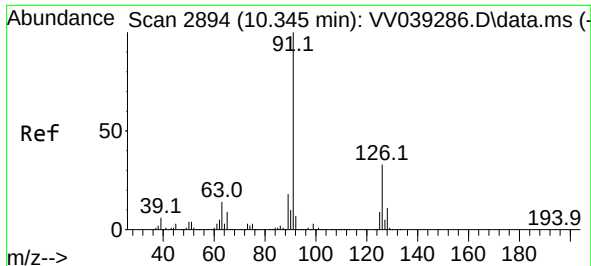
Tgt Ion: 91 Resp: 2189294

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.5

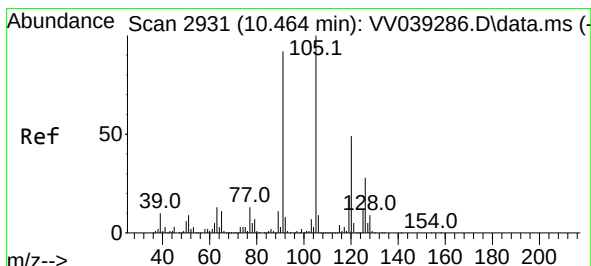
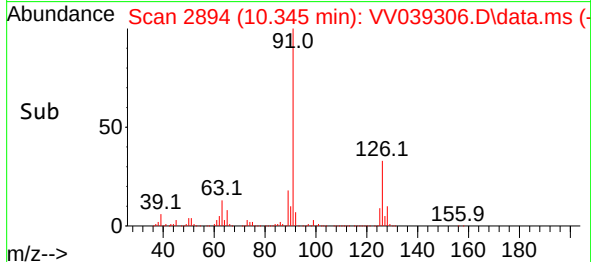
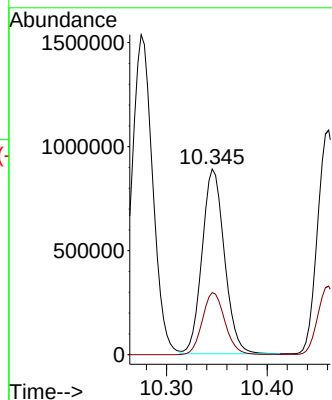
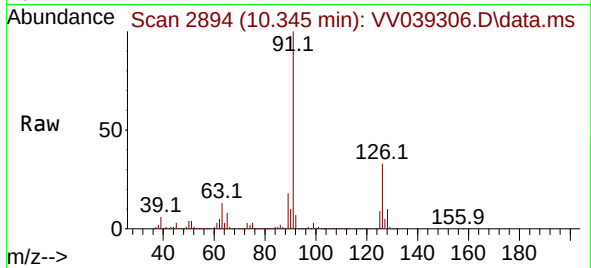




#79
2-Chlorotoluene
Concen: 52.616 ug/l
RT: 10.345 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

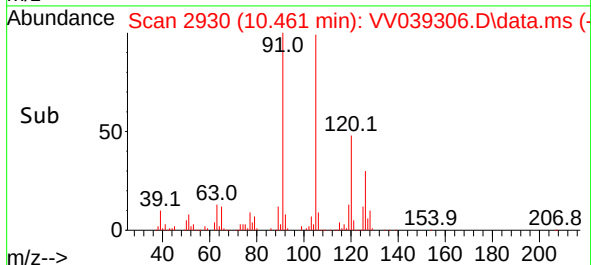
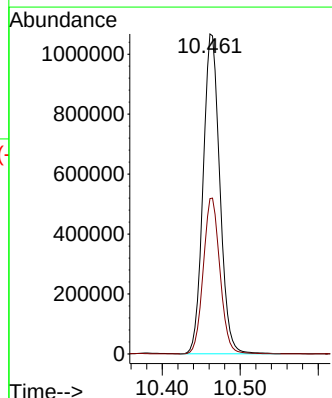
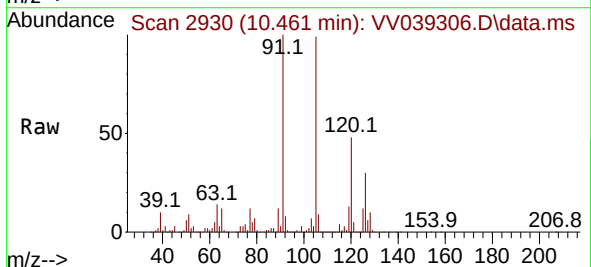
Instrument :
MSVOA_V
ClientSampleId :

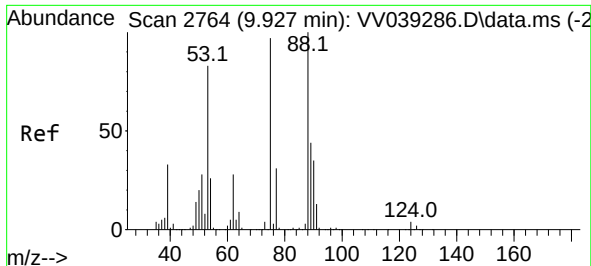
Tgt Ion: 91 Resp: 1369613
Ion Ratio Lower Upper
91 100
126 33.9 16.9 50.6



#80
1,3,5-Trimethylbenzene
Concen: 54.548 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. -0.003 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion:105 Resp: 1589645
Ion Ratio Lower Upper
105 100
120 48.7 24.3 73.0

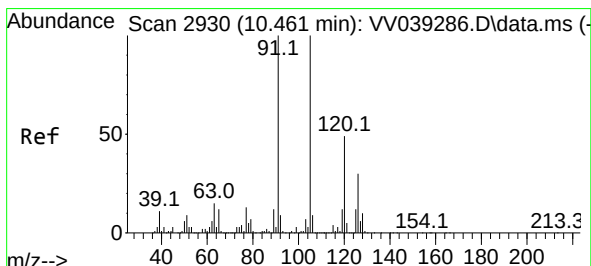
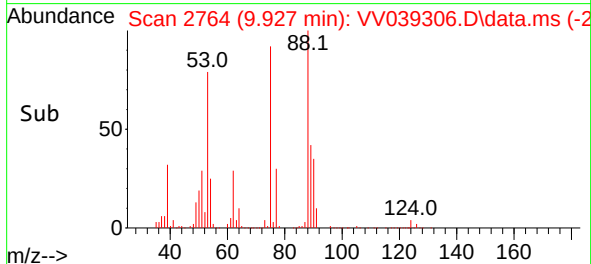
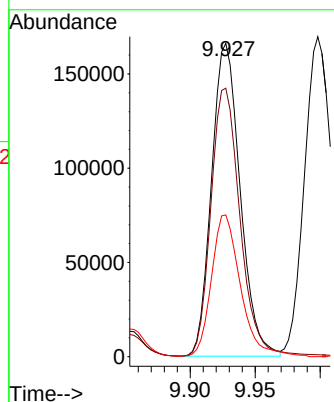
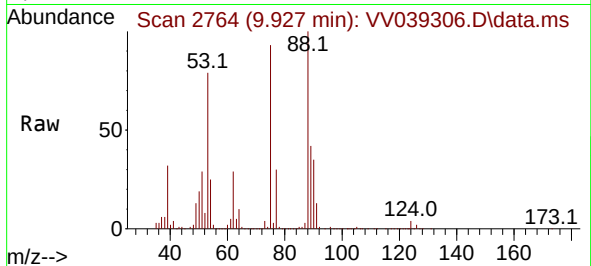




#81
trans-1,4-Dichloro-2-butene
Concen: 56.209 ug/l
RT: 9.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

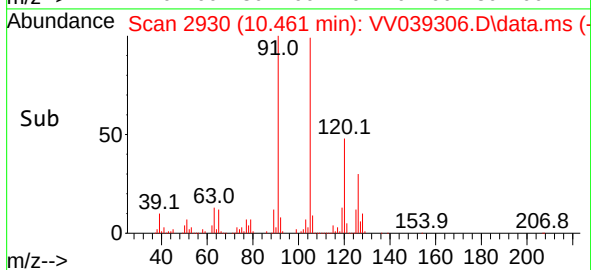
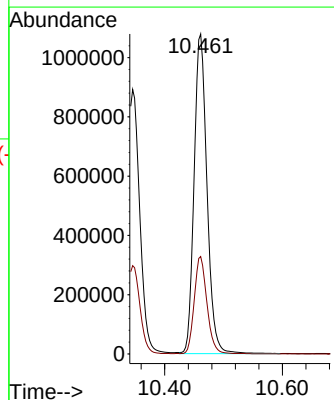
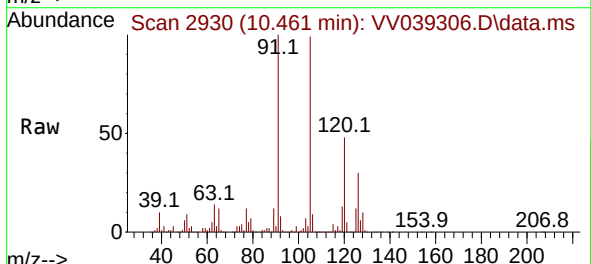
Instrument :
MSVOA_V
ClientSampleId :

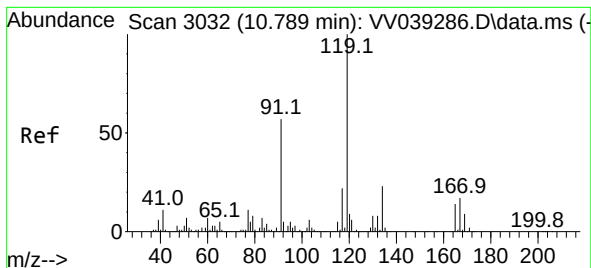
Tgt Ion: 75 Resp: 254180
Ion Ratio Lower Upper
75 100
53 87.0 69.9 104.9
89 46.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 54.705 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion: 91 Resp: 1636764
Ion Ratio Lower Upper
91 100
126 30.0 14.8 44.4





#83

tert-Butylbenzene

Concen: 51.126 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

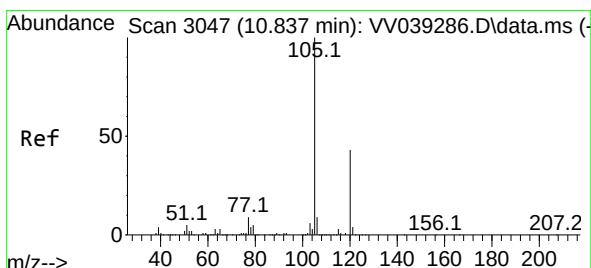
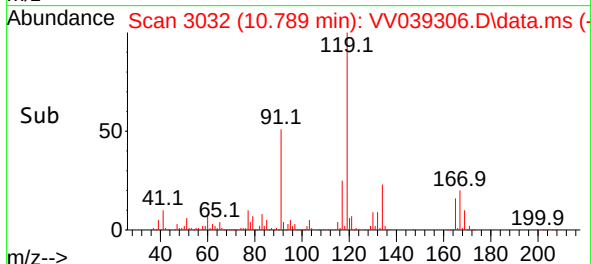
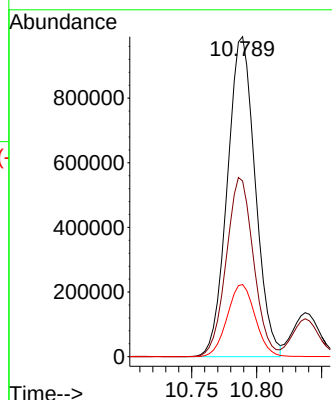
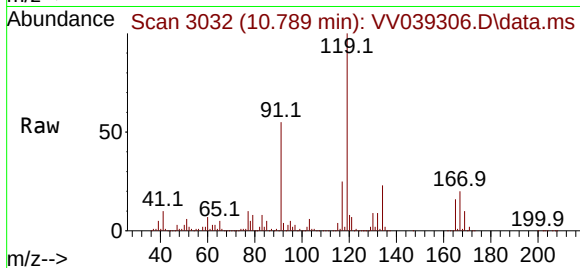
Tgt Ion:119 Resp: 1479425

Ion Ratio Lower Upper

119 100

91 54.9 28.2 84.7

134 22.7 11.5 34.4



#84

1,2,4-Trimethylbenzene

Concen: 55.752 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV039306.D

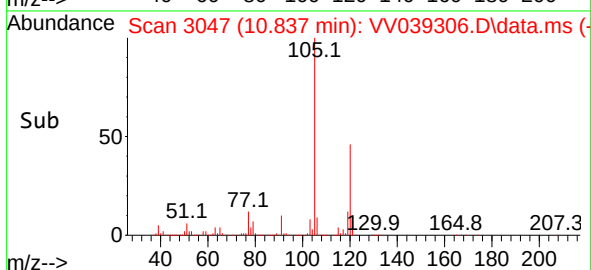
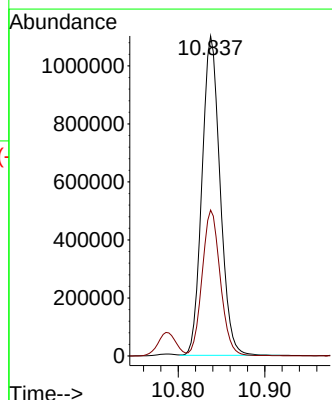
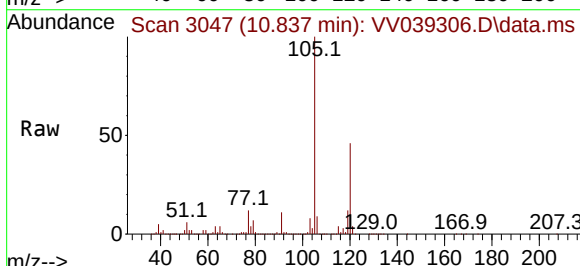
Acq: 04 Nov 2025 11:21

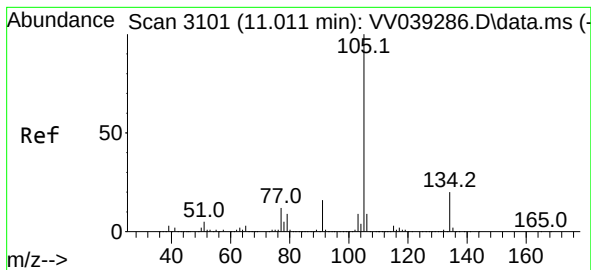
Tgt Ion:105 Resp: 1599433

Ion Ratio Lower Upper

105 100

120 45.7 22.8 68.4





#85

sec-Butylbenzene

Concen: 49.001 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

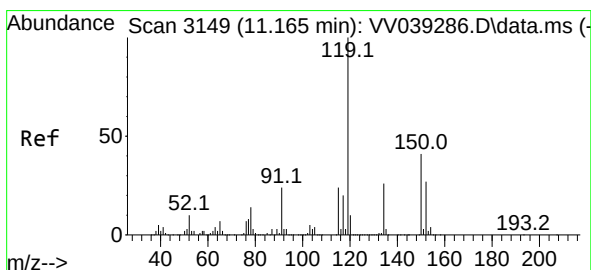
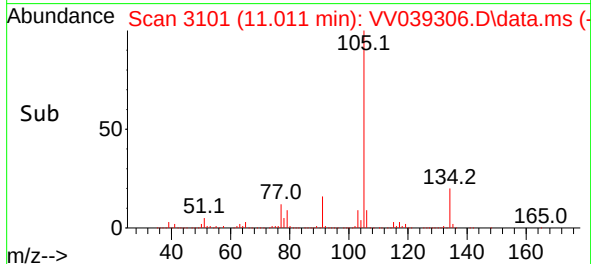
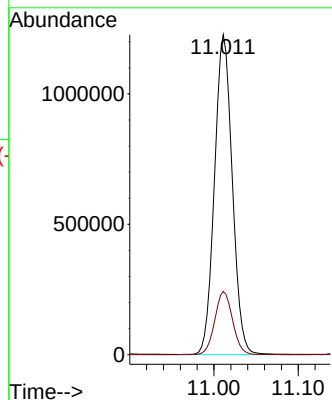
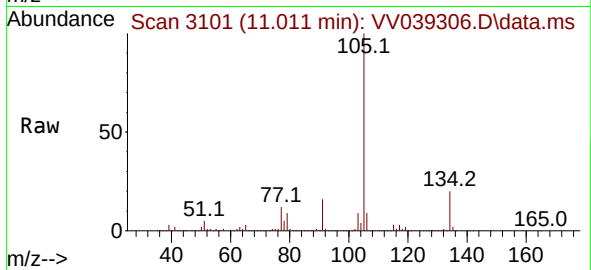
ClientSampleId :

Tgt Ion:105 Resp: 1792784

Ion Ratio Lower Upper

105 100

134 19.9 9.8 29.5



#86

p-Isopropyltoluene

Concen: 50.123 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

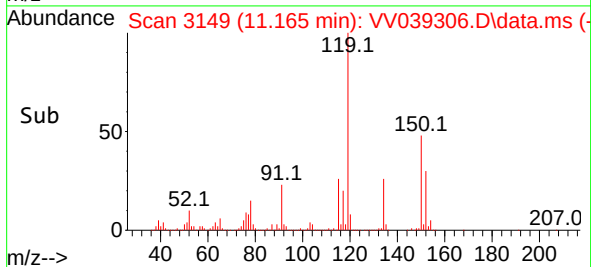
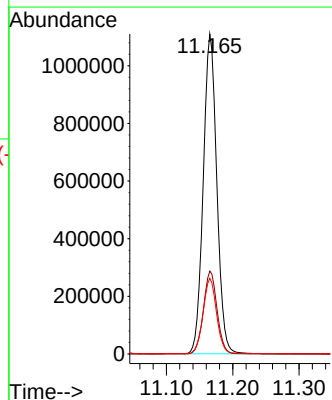
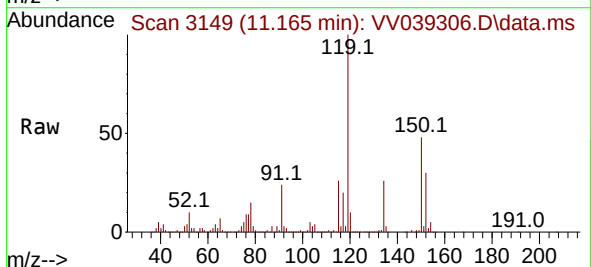
Tgt Ion:119 Resp: 1576710

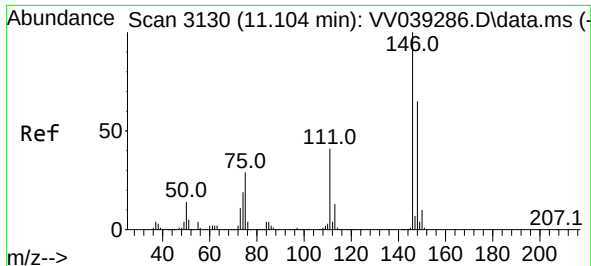
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 23.5 12.2 36.4

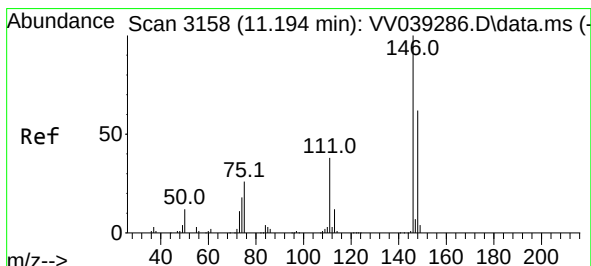
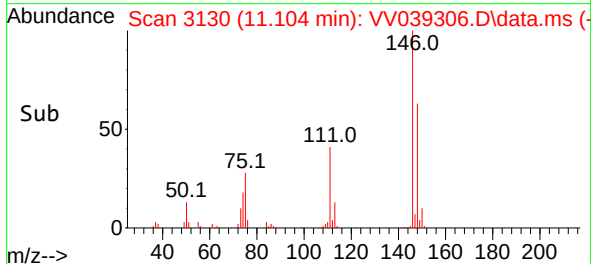
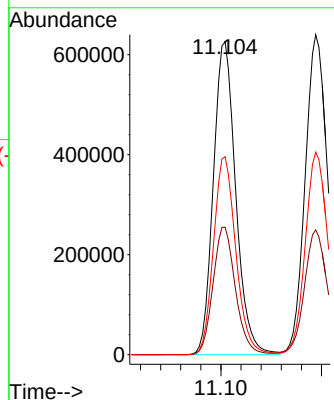
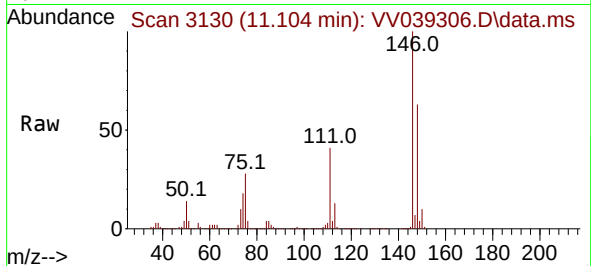




#87
1,3-Dichlorobenzene
Concen: 50.845 ug/l
RT: 11.104 min Scan# 3130
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

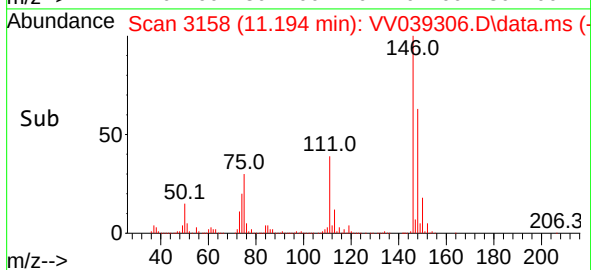
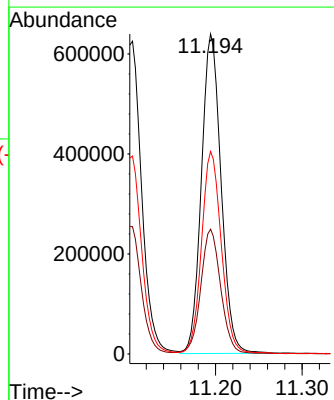
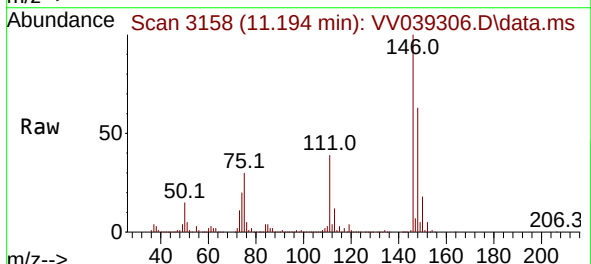
Instrument :
MSVOA_V
ClientSampleId :

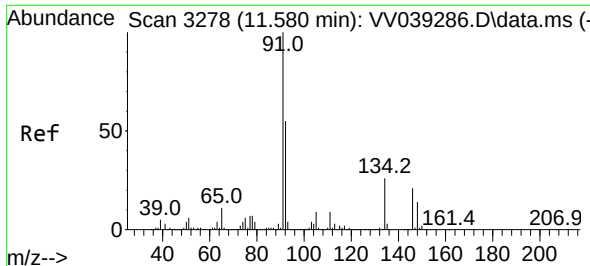
Tgt Ion:146 Resp: 968709
Ion Ratio Lower Upper
146 100
111 40.8 20.6 61.8
148 63.1 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 47.188 ug/l
RT: 11.194 min Scan# 3158
Delta R.T. 0.000 min
Lab File: VV039306.D
Acq: 04 Nov 2025 11:21

Tgt Ion:146 Resp: 1006165
Ion Ratio Lower Upper
146 100
111 39.7 19.7 59.0
148 64.1 31.5 94.5





#89

n-Butylbenzene

Concen: 47.584 ug/l

RT: 11.577 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

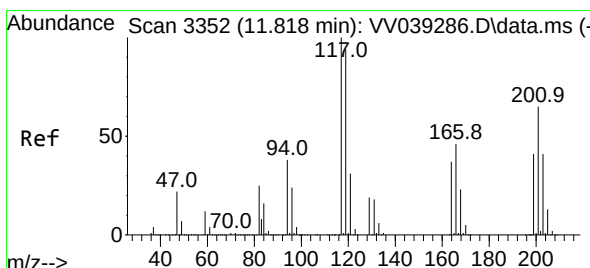
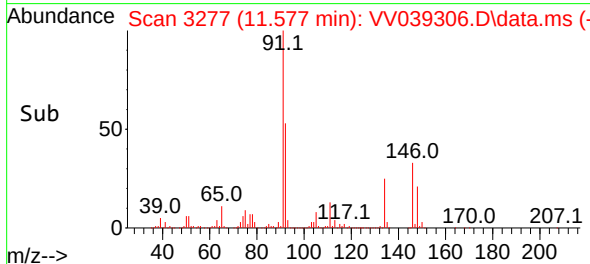
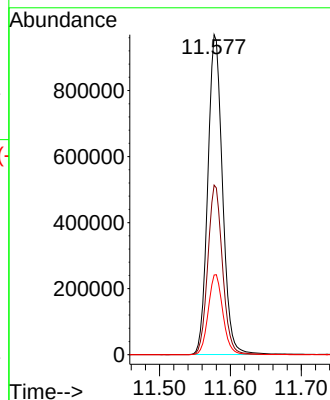
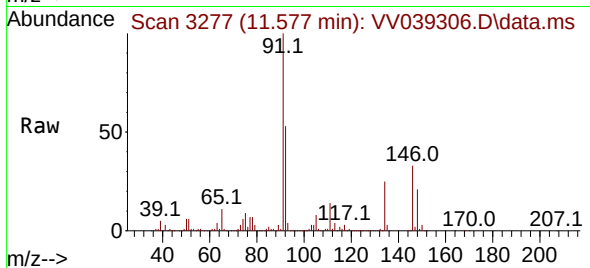
Tgt Ion: 91 Resp: 1393936

Ion Ratio Lower Upper

91 100

92 53.1 26.9 80.6

134 25.0 12.6 37.8



#90

Hexachloroethane

Concen: 41.426 ug/l

RT: 11.818 min Scan# 3352

Delta R.T. 0.000 min

Lab File: VV039306.D

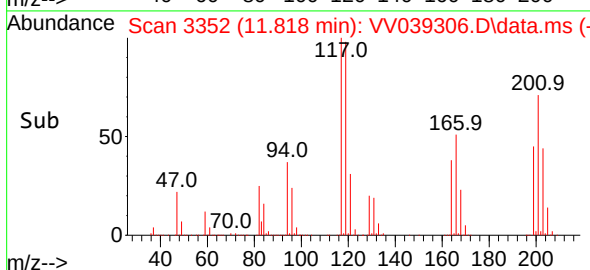
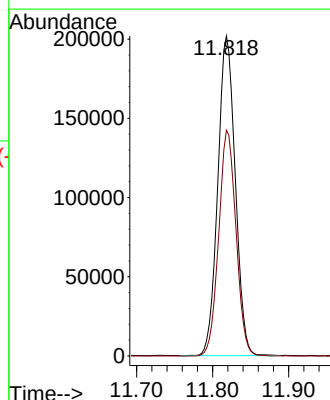
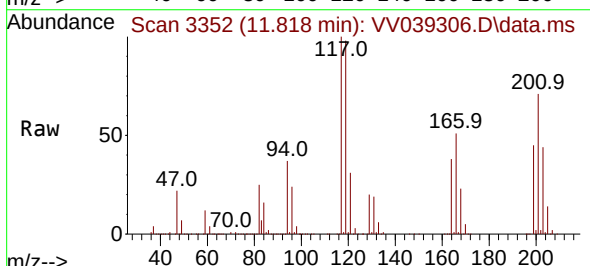
Acq: 04 Nov 2025 11:21

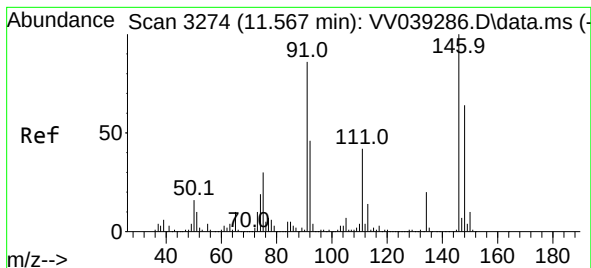
Tgt Ion:117 Resp: 322222

Ion Ratio Lower Upper

117 100

201 69.8 33.7 101.1





#91

1,2-Dichlorobenzene

Concen: 50.915 ug/l

RT: 11.564 min Scan# 31

Delta R.T. -0.003 min

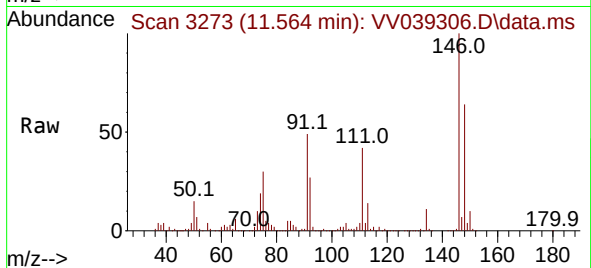
Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

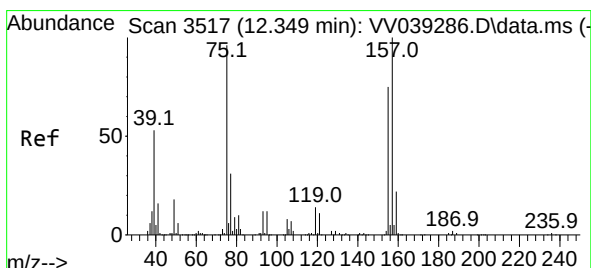
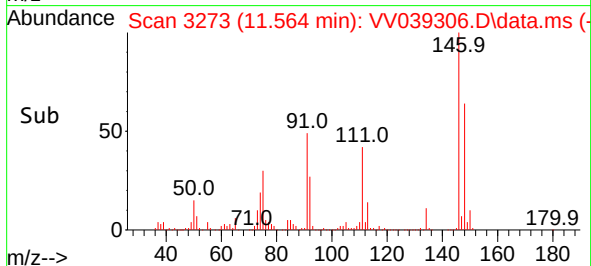
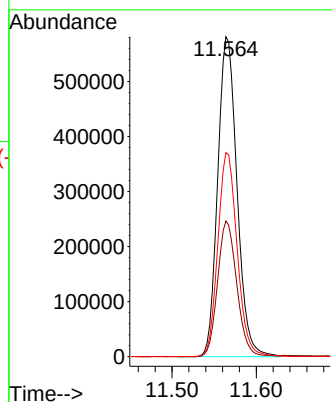
MSVOA_V

ClientSampleId :



Tgt Ion:146 Resp: 922761

Ion	Ratio	Lower	Upper
146	100		
111	42.3	21.3	64.0
148	63.8	31.9	95.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.325 ug/l

RT: 12.349 min Scan# 3517

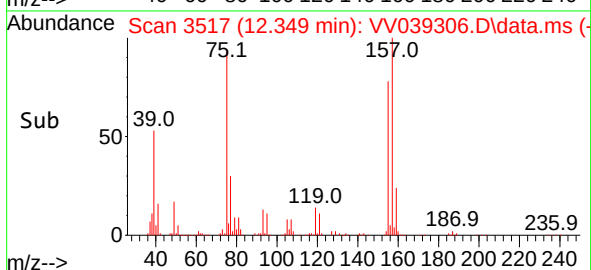
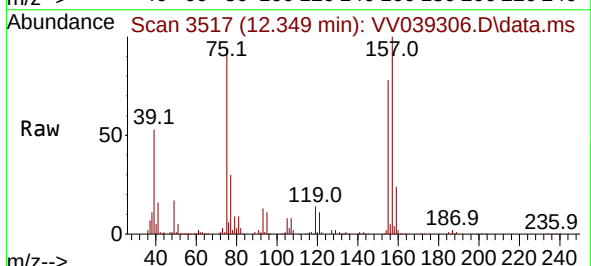
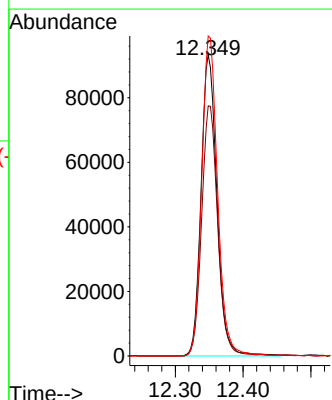
Delta R.T. 0.000 min

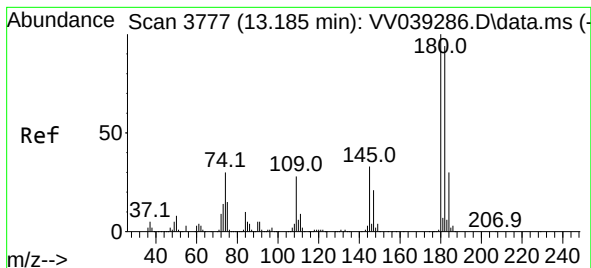
Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Tgt Ion: 75 Resp: 151995

Ion	Ratio	Lower	Upper
75	100		
155	83.7	40.8	122.5
157	105.8	53.3	160.0





#93

1,2,4-Trichlorobenzene

Concen: 52.589 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

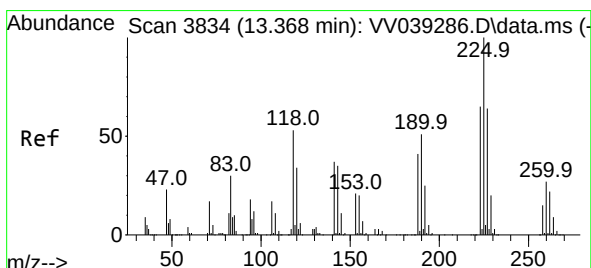
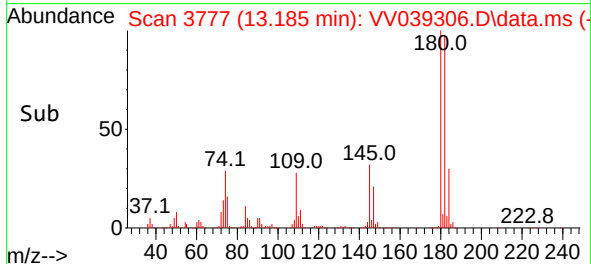
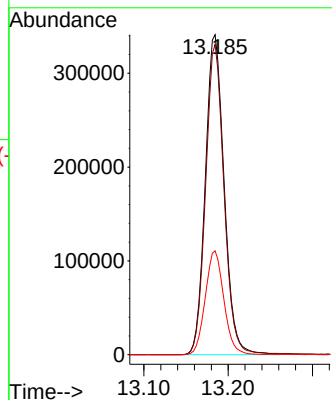
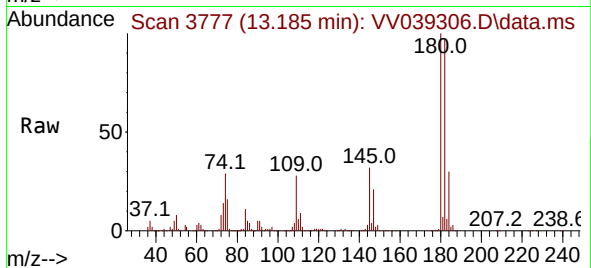
Tgt Ion:180 Resp: 531566

Ion Ratio Lower Upper

180 100

182 95.0 47.3 141.9

145 32.1 16.3 48.9



#94

Hexachlorobutadiene

Concen: 35.087 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

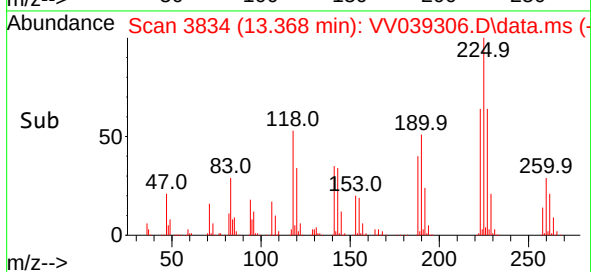
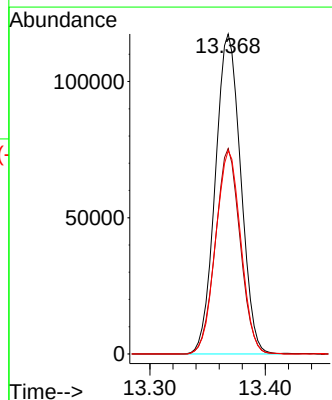
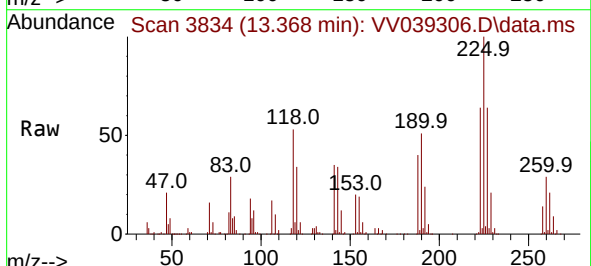
Tgt Ion:225 Resp: 179585

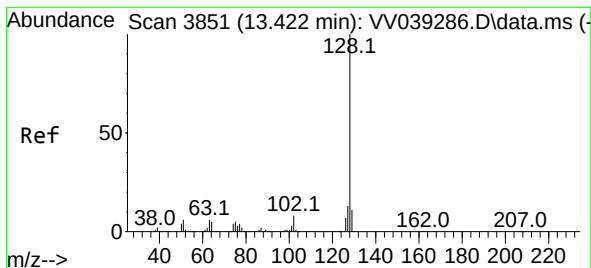
Ion Ratio Lower Upper

225 100

223 62.5 31.3 93.8

227 63.1 31.7 95.1





#95

Naphthalene

Concen: 59.064 ug/l

RT: 13.422 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Instrument :

MSVOA_V

ClientSampleId :

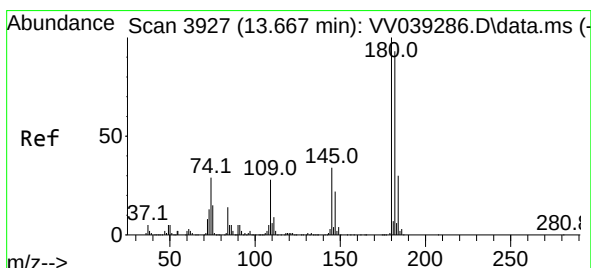
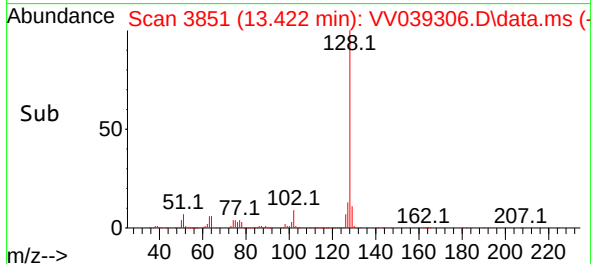
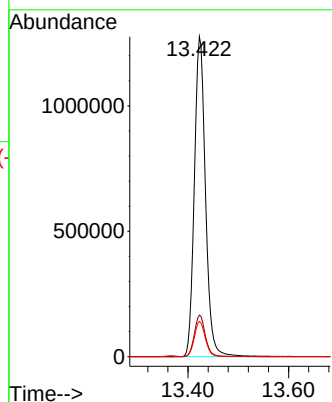
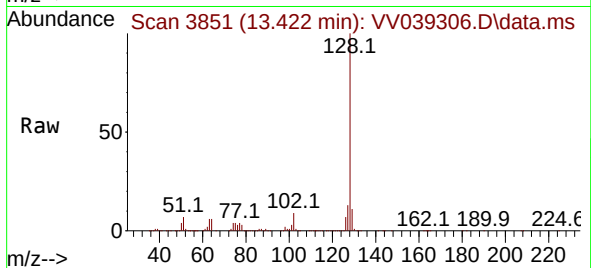
Tgt Ion:128 Resp: 1956023

Ion Ratio Lower Upper

128 100

127 12.9 10.3 15.5

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 53.198 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. -0.003 min

Lab File: VV039306.D

Acq: 04 Nov 2025 11:21

Tgt Ion:180 Resp: 558871

Ion Ratio Lower Upper

180 100

182 93.6 46.7 140.1

145 34.4 17.2 51.5

