

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV111225\
 Data File : VV039373.D
 Acq On : 12 Nov 2025 14:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 14 00:23:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V111125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 14 00:16:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	833599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.526	114	1153923	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	1096215	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	684381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.934	65	525323	51.082	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	= 102.160%	
35) Dibromofluoromethane	4.497	113	461886	52.188	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	= 104.380%	
50) Toluene-d8	7.230	98	1527387	52.224	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	= 104.440%	
62) 4-Bromofluorobenzene	9.998	95	615335	54.754	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	= 109.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.121	85	209345	42.068	ug/l	98
3) Chloromethane	1.230	50	204252	43.986	ug/l	99
4) Vinyl Chloride	1.298	62	251803	43.946	ug/l	99
5) Bromomethane	1.494	94	155819	45.676	ug/l	99
6) Chloroethane	1.558	64	193785	45.808	ug/l	99
7) Trichlorofluoromethane	1.725	101	522324	44.763	ug/l	100
8) Diethyl Ether	1.915	74	208149	46.775	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.079	101	341330	44.490	ug/l	99
10) Methyl Iodide	2.195	142	269772	57.097	ug/l	98
11) Tert butyl alcohol	2.558	59	353299	320.685	ug/l	98
12) 1,1-Dichloroethene	2.079	96	265625	43.774	ug/l	94
13) Acrolein	2.008	56	25717	248.806	ug/l	92
14) Allyl chloride	2.355	41	536395	49.609	ug/l	99
15) Acrylonitrile	2.671	53	1147665	268.394	ug/l	99
16) Acetone	2.114	43	1253426	230.361	ug/l	98
17) Carbon Disulfide	2.249	76	381768	39.801	ug/l	99
18) Methyl Acetate	2.375	43	892718	61.286	ug/l	99
19) Methyl tert-butyl Ether	2.706	73	1254694	54.991	ug/l	98
20) Methylene Chloride	2.455	84	360548	42.918	ug/l	97
21) trans-1,2-Dichloroethene	2.699	96	283676	47.133	ug/l	98
22) Diisopropyl ether	3.208	45	1307060	55.640	ug/l	96
23) Vinyl Acetate	3.185	43	4460596	268.839	ug/l	99
24) 1,1-Dichloroethane	3.114	63	680951	47.672	ug/l	100
25) 2-Butanone	3.851	43	1570910	276.703	ug/l	100
26) 2,2-Dichloropropane	3.806	77	621566	51.736	ug/l	100
27) cis-1,2-Dichloroethene	3.815	96	404761	49.520	ug/l	99
28) Bromochloromethane	4.140	49	329177	52.693	ug/l #	99
29) Tetrahydrofuran	4.224	42	900129	283.241	ug/l	99
30) Chloroform	4.272	83	759445	48.137	ug/l	98
31) Cyclohexane	4.580	56	395319	44.216	ug/l	98
32) 1,1,1-Trichloroethane	4.506	97	644884	48.878	ug/l	99
36) 1,1-Dichloropropene	4.741	75	386338	50.680	ug/l	97
37) Ethyl Acetate	3.966	43	522367	44.606	ug/l	96
38) Carbon Tetrachloride	4.728	117	541953	47.860	ug/l	98
39) Methylcyclohexane	6.043	83	404846	49.883	ug/l	98
40) Benzene	5.005	78	1318968	49.478	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.150	41	268793	64.274	ug/l	98
42) 1,2-Dichloroethane	5.034	62	525854	50.618	ug/l	100
43) Isopropyl Acetate	5.182	43	865654	55.488	ug/l	99
44) Trichloroethene	5.828	130	353662	48.893	ug/l	99
45) 1,2-Dichloropropane	6.085	63	394797	54.735	ug/l	99
46) Dibromomethane	6.220	93	278787	48.065	ug/l	99
47) Bromodichloromethane	6.420	83	629973	50.152	ug/l	99
48) Methyl methacrylate	6.288	41	417465	57.456	ug/l	99
49) 1,4-Dioxane	6.281	88	112897	1008.809	ug/l	98
51) 4-Methyl-2-Pentanone	7.140	43	3177934	297.997	ug/l	100
52) Toluene	7.304	92	870000	52.080	ug/l	98
53) t-1,3-Dichloropropene	7.571	75	597158	55.253	ug/l	98
54) cis-1,3-Dichloropropene	6.944	75	624854	54.457	ug/l	99
55) 1,1,2-Trichloroethane	7.754	97	425665	50.328	ug/l	98
56) Ethyl methacrylate	7.709	69	595450	58.308	ug/l	99
57) 1,3-Dichloropropane	7.928	76	678187	52.137	ug/l	100
58) 2-Chloroethyl Vinyl ether	6.805	63	1565199	538.974	ug/l	100
59) 2-Hexanone	8.056	43	2348249	308.100	ug/l	100
60) Dibromochloromethane	8.162	129	543683	50.165	ug/l	100
61) 1,2-Dibromoethane	8.268	107	425287	51.587	ug/l	99
64) Tetrachloroethene	7.892	164	318887	47.069	ug/l	98
65) Chlorobenzene	8.802	112	1092691	50.072	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.895	131	453388	49.793	ug/l	100
67) Ethyl Benzene	8.934	91	1706341	54.059	ug/l	99
68) m/p-Xylenes	9.059	106	1357942	113.920	ug/l	98
69) o-Xylene	9.464	106	640953	56.833	ug/l	99
70) Styrene	9.481	104	1197759	59.409	ug/l	100
71) Bromoform	9.651	173	434040	51.350	ug/l #	99
73) Isopropylbenzene	9.854	105	1844970	55.208	ug/l	100
74) N-amyl acetate	9.722	43	761732	58.171	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.162	83	707282	48.593	ug/l	100
76) 1,2,3-Trichloropropane	10.194	75	539431	50.781	ug/l	99
77) Bromobenzene	10.136	156	522245	50.630	ug/l	99
78) n-propylbenzene	10.275	91	2147735	56.101	ug/l	100
79) 2-Chlorotoluene	10.345	91	1309809	53.450	ug/l	100
80) 1,3,5-Trimethylbenzene	10.461	105	1544075	56.513	ug/l	99
81) trans-1,4-Dichloro-2-b...	9.924	75	224410	56.630	ug/l	97
82) 4-Chlorotoluene	10.458	91	1547416	56.481	ug/l	99
83) tert-Butylbenzene	10.789	119	1656048	55.141	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1557828	58.533	ug/l	99
85) sec-Butylbenzene	11.011	105	2018969	56.693	ug/l	100
86) p-Isopropyltoluene	11.165	119	1738806	56.585	ug/l	99
87) 1,3-Dichlorobenzene	11.101	146	1003187	50.707	ug/l	100
88) 1,4-Dichlorobenzene	11.194	146	1043400	48.371	ug/l	100
89) n-Butylbenzene	11.577	91	1583774	57.797	ug/l	99
90) Hexachloroethane	11.818	117	361280	47.174	ug/l	98
91) 1,2-Dichlorobenzene	11.564	146	973689	50.290	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.349	75	145328	48.567	ug/l	99
93) 1,2,4-Trichlorobenzene	13.185	180	707100	57.563	ug/l	98
94) Hexachlorobutadiene	13.368	225	329430	50.278	ug/l	99
95) Naphthalene	13.423	128	2056696	62.474	ug/l	100
96) 1,2,3-Trichlorobenzene	13.664	180	719340	56.762	ug/l	100

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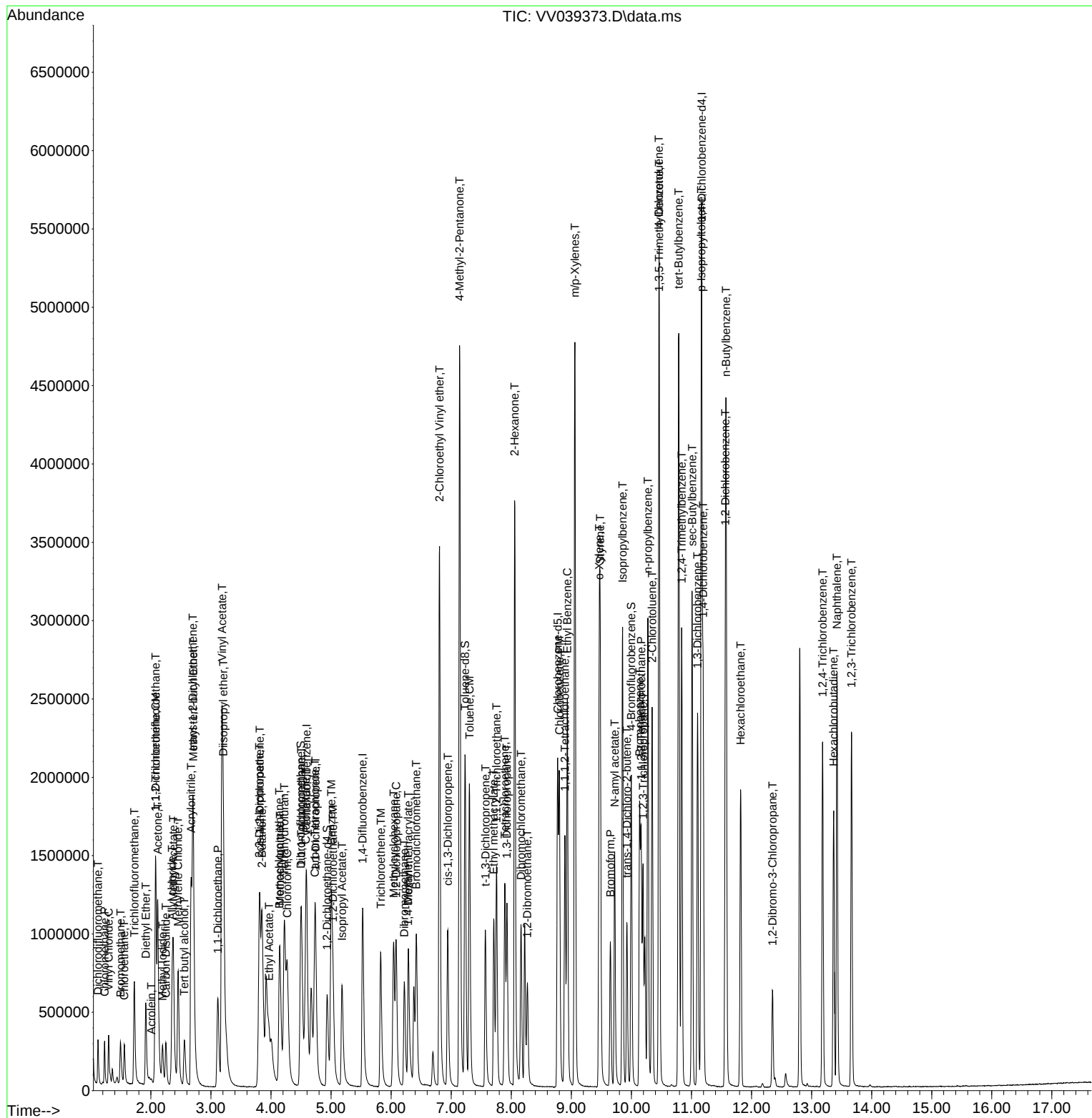
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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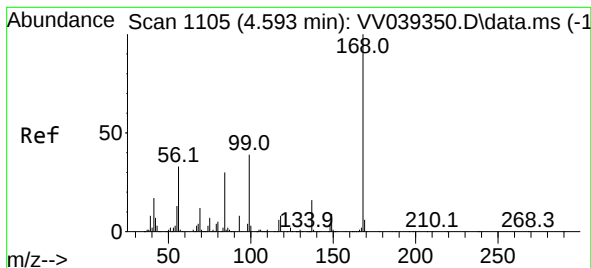
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.593 min Scan# 11

Delta R.T. 0.000 min

Lab File: VV039373.D

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Instrument :

MSVOA_V

ClientSampleId :

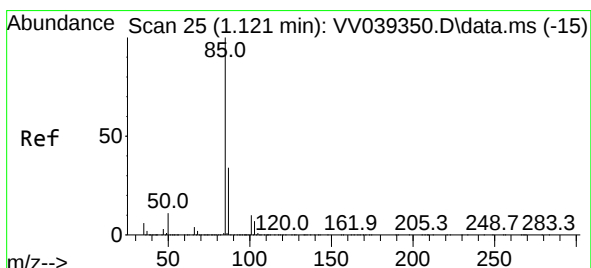
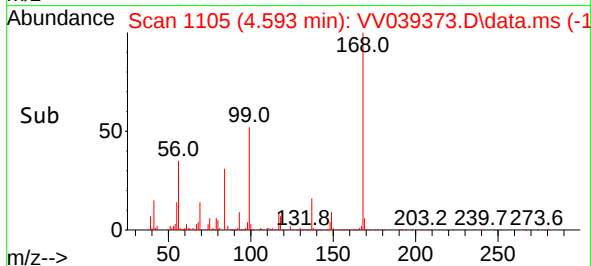
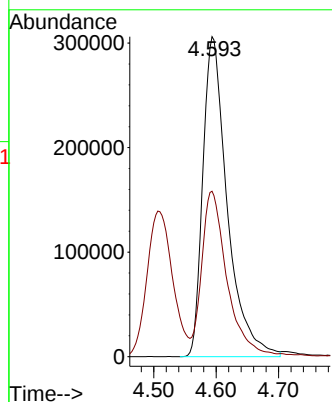
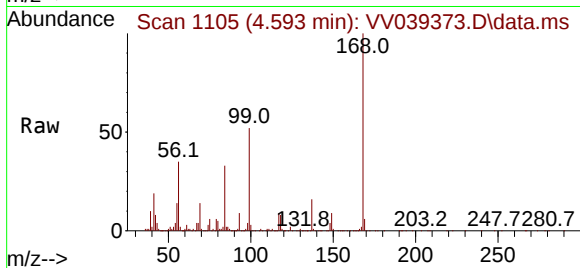
VSTDCCC050EC

Tgt Ion:168 Resp: 833599

Ion Ratio Lower Upper

168 100

99 50.8 41.2 61.8



#2

Dichlorodifluoromethane

Concen: 42.068 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV039373.D

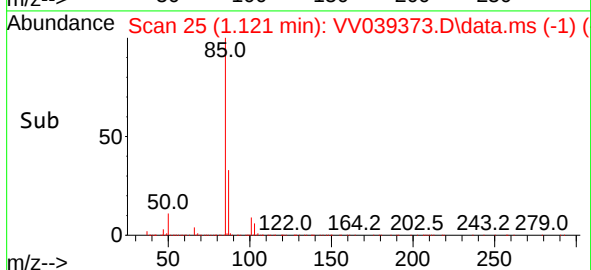
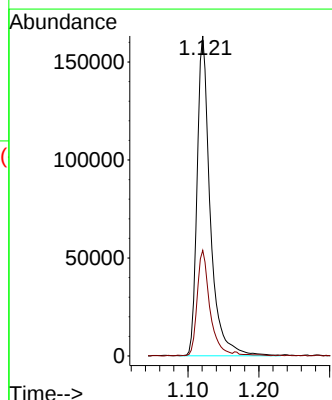
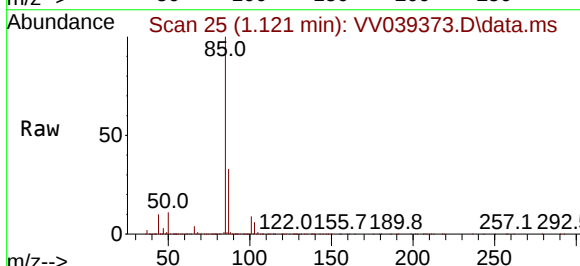
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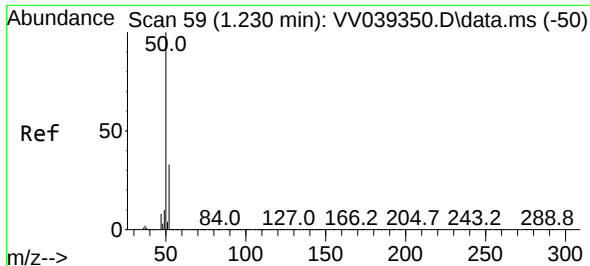
Tgt Ion: 85 Resp: 209345

Ion Ratio Lower Upper

85 100

87 32.8 16.9 50.7

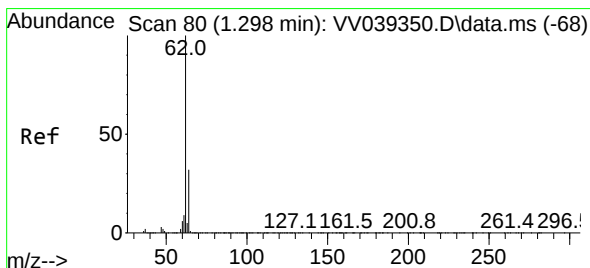
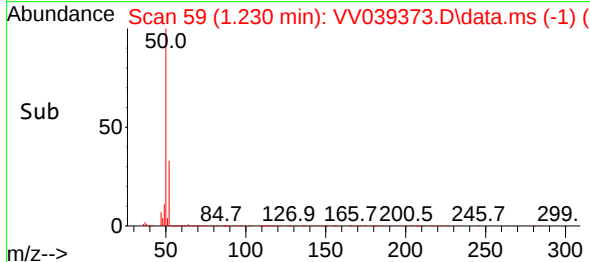
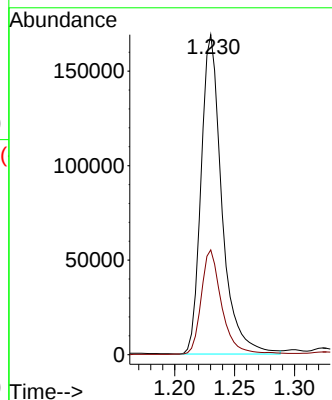
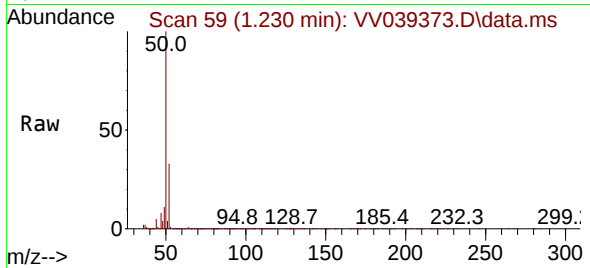




#3
Chloromethane
Concen: 43.986 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

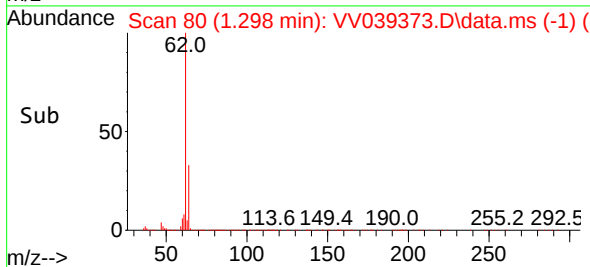
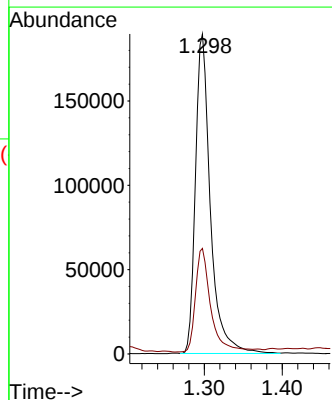
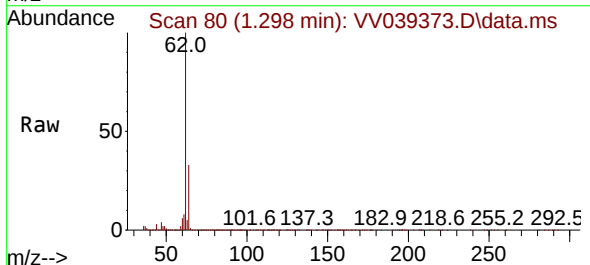
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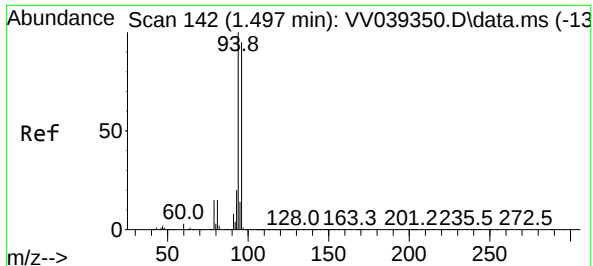
Tgt Ion: 50 Resp: 204252
Ion Ratio Lower Upper
50 100
52 32.7 26.6 39.8



#4
Vinyl Chloride
Concen: 43.946 ug/l
RT: 1.298 min Scan# 80
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 62 Resp: 251803
Ion Ratio Lower Upper
62 100
64 32.4 25.3 37.9

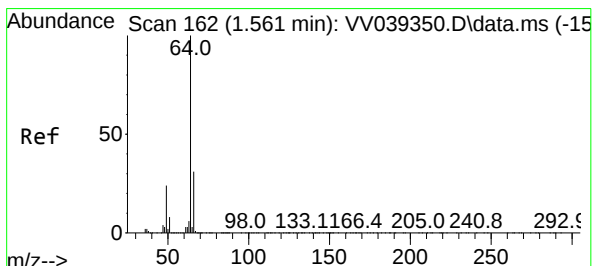
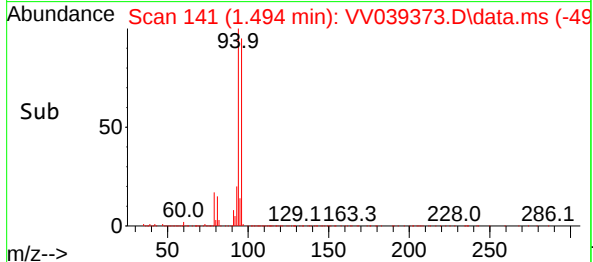
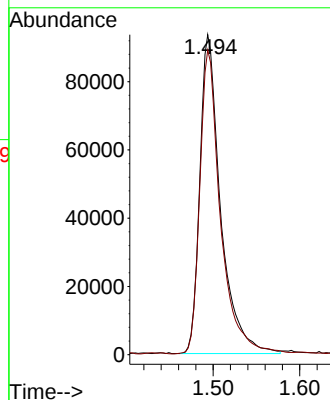
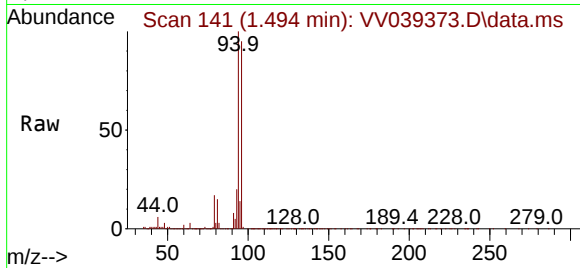




#5
Bromomethane
Concen: 45.676 ug/l
RT: 1.494 min Scan# 141
Delta R.T. -0.003 min
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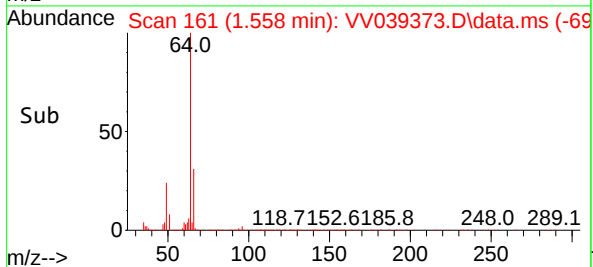
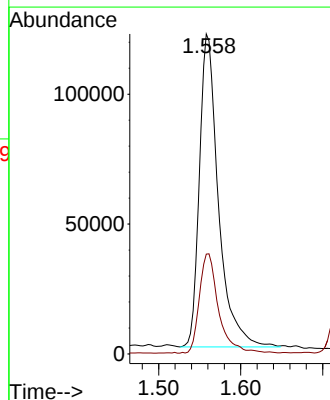
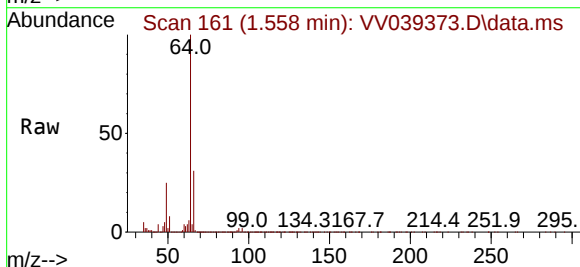
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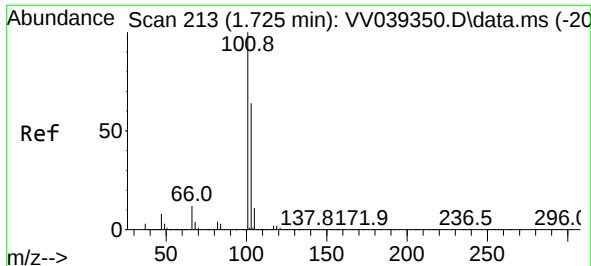
Tgt Ion: 94 Resp: 155819
Ion Ratio Lower Upper
94 100
96 95.1 75.6 113.4



#6
Chloroethane
Concen: 45.808 ug/l
RT: 1.558 min Scan# 161
Delta R.T. -0.003 min
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Tgt Ion: 64 Resp: 193785
Ion Ratio Lower Upper
64 100
66 31.7 24.7 37.1

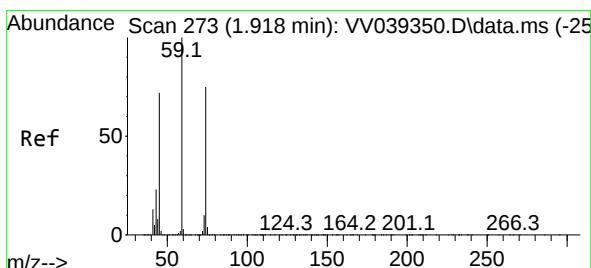
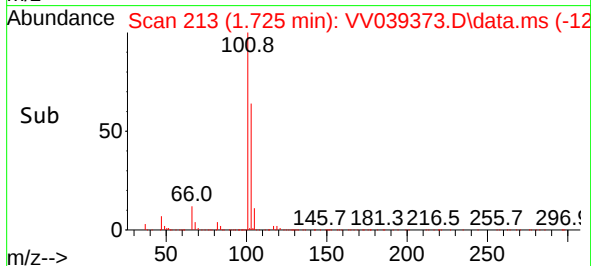
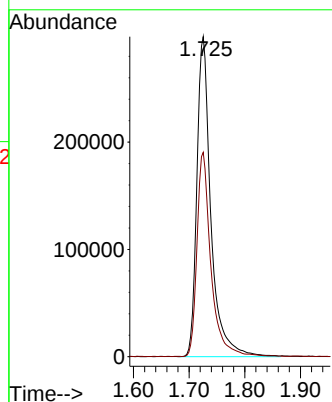
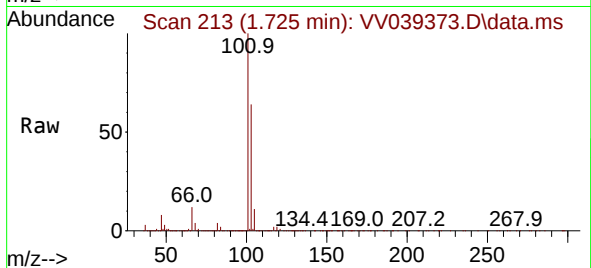




#7
 Trichlorofluoromethane
 Concen: 44.763 ug/l
 RT: 1.725 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VV039373.D
 Acq: 12 Nov 2025 14:56

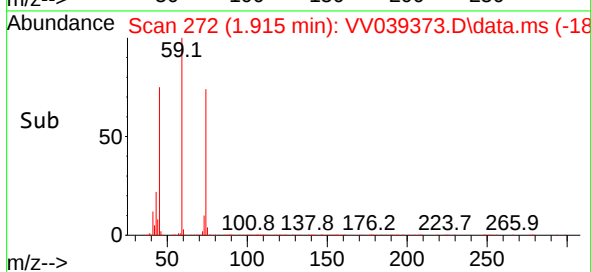
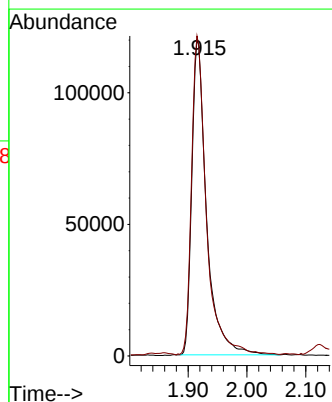
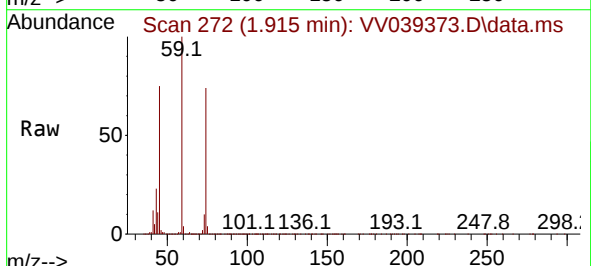
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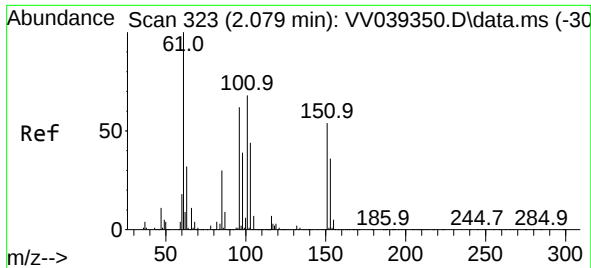
Tgt Ion:101 Resp: 522324
 Ion Ratio Lower Upper
 101 100
 103 63.8 50.9 76.3



#8
 Diethyl Ether
 Concen: 46.775 ug/l
 RT: 1.915 min Scan# 272
 Delta R.T. -0.003 min
 Lab File: VV039373.D
 Acq: 12 Nov 2025 14:56

Tgt Ion: 74 Resp: 208149
 Ion Ratio Lower Upper
 74 100
 45 101.4 50.6 151.8

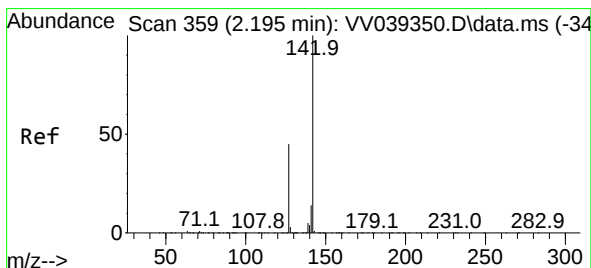
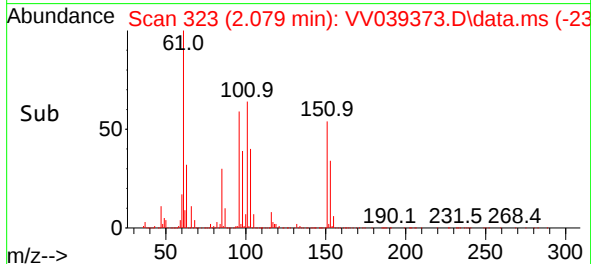
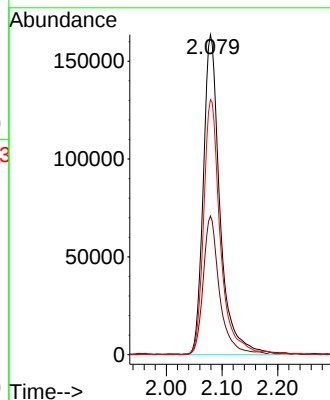
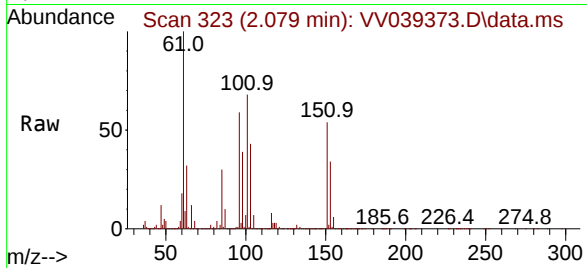




#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.490 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

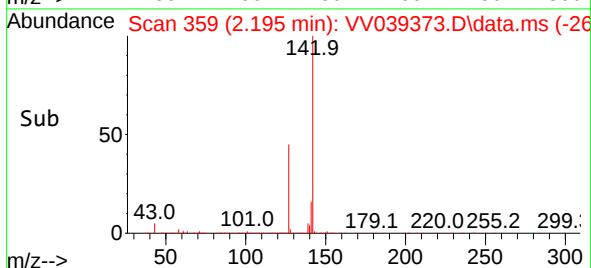
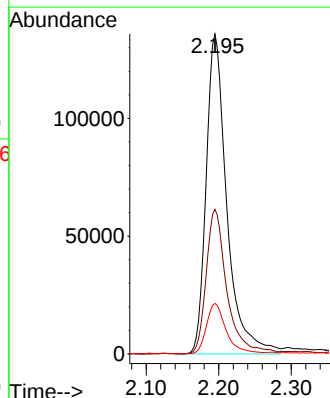
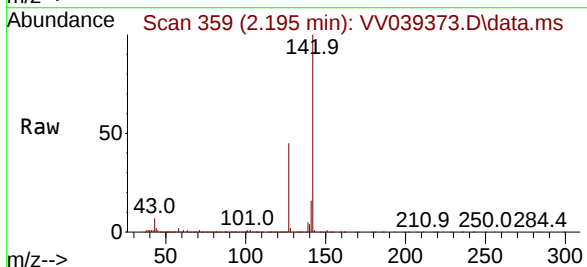
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

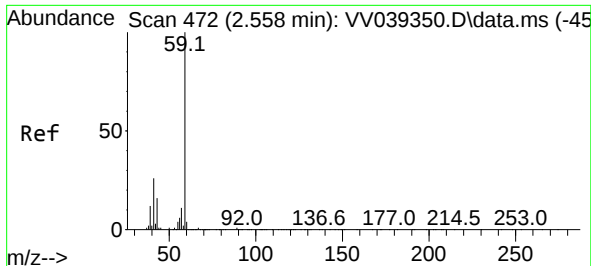
Tgt Ion:101 Resp: 341330
Ion Ratio Lower Upper
101 100
85 42.3 33.5 50.3
151 80.0 63.6 95.4



#10
Methyl Iodide
Concen: 57.097 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion:142 Resp: 269772
Ion Ratio Lower Upper
142 100
127 45.3 35.1 52.7
141 15.2 11.9 17.9

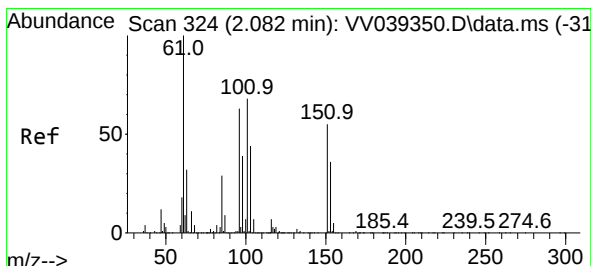
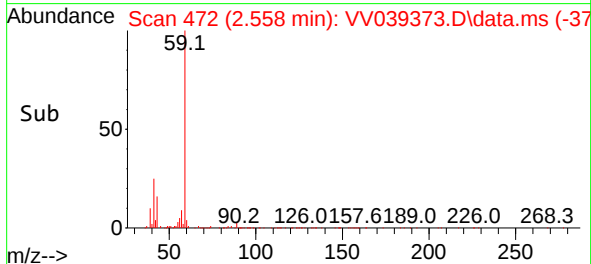
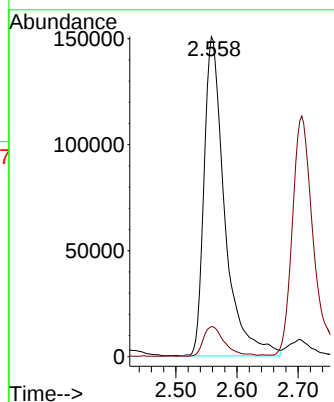
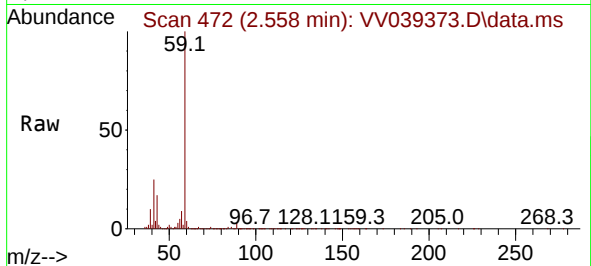




#11
Tert butyl alcohol
Concen: 320.685 ug/l
RT: 2.558 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

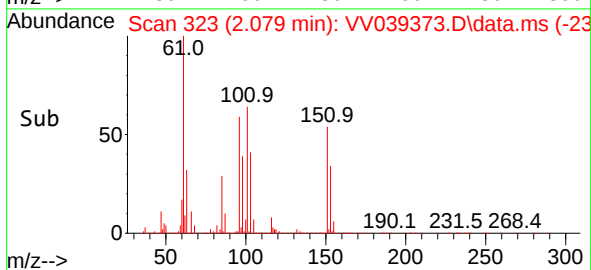
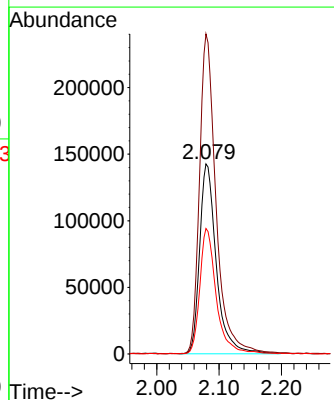
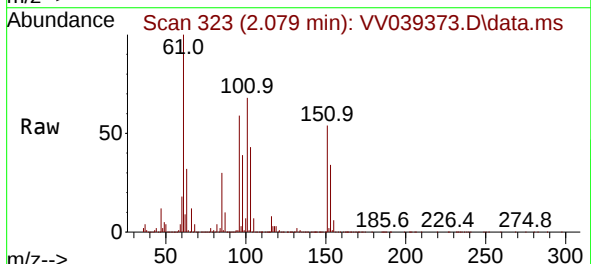
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

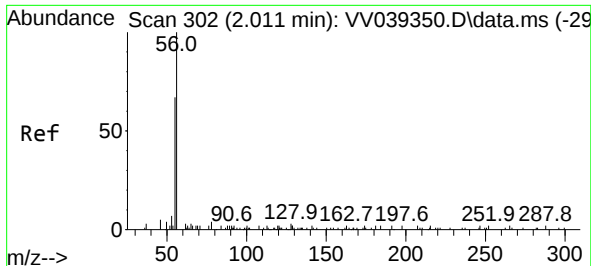
Tgt Ion: 59 Resp: 353299
Ion Ratio Lower Upper
59 100
57 9.4 8.0 12.0



#12
1,1-Dichloroethene
Concen: 43.774 ug/l
RT: 2.079 min Scan# 323
Delta R.T. -0.003 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 96 Resp: 265625
Ion Ratio Lower Upper
96 100
61 168.3 127.8 191.6
98 65.9 50.2 75.2

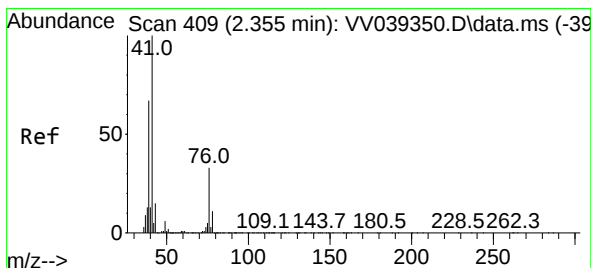
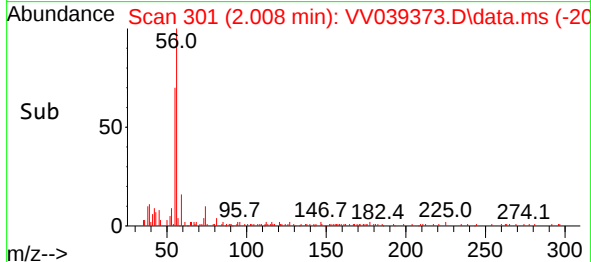
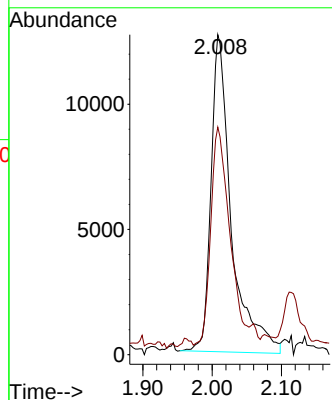
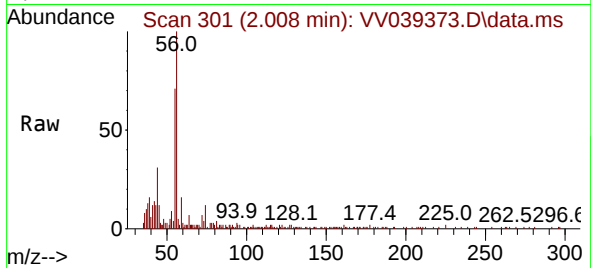




#13
Acrolein
Concen: 248.806 ug/l
RT: 2.008 min Scan# 302
Delta R.T. -0.003 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

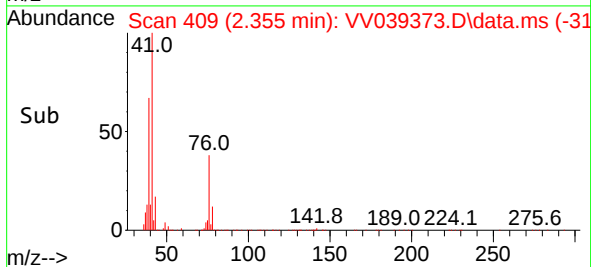
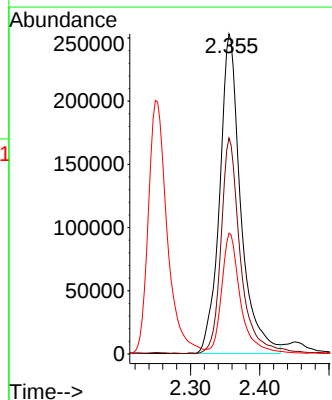
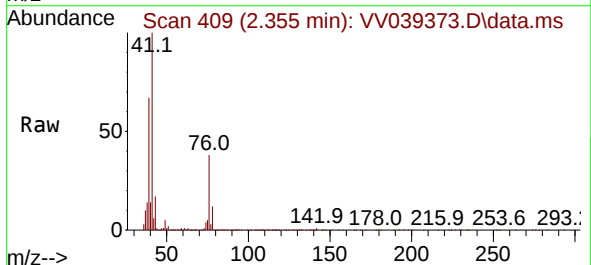
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

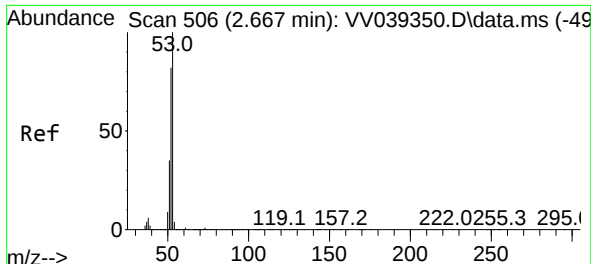
Tgt Ion: 56 Resp: 25717
Ion Ratio Lower Upper
56 100
55 62.7 55.2 82.8



#14
Allyl chloride
Concen: 49.609 ug/l
RT: 2.355 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 41 Resp: 536395
Ion Ratio Lower Upper
41 100
39 62.3 50.7 76.1
76 33.6 27.0 40.6

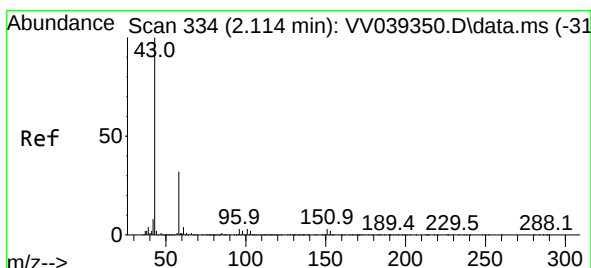
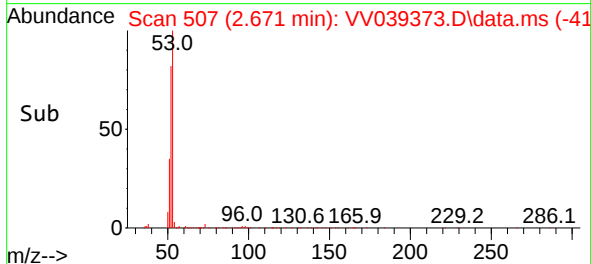
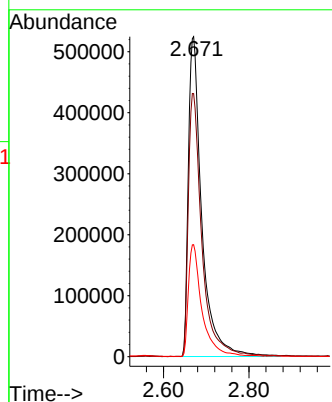
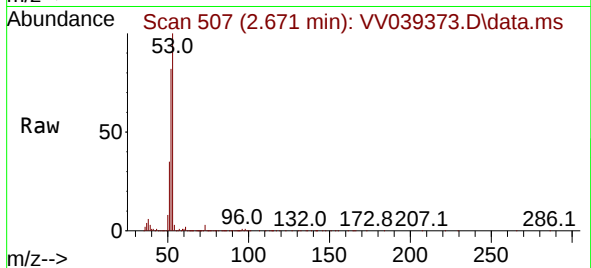




#15
Acrylonitrile
Concen: 268.394 ug/l
RT: 2.671 min Scan# 506
Delta R.T. 0.003 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

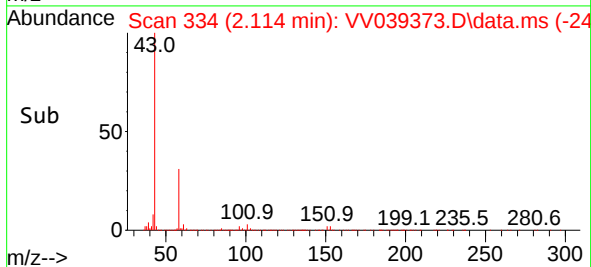
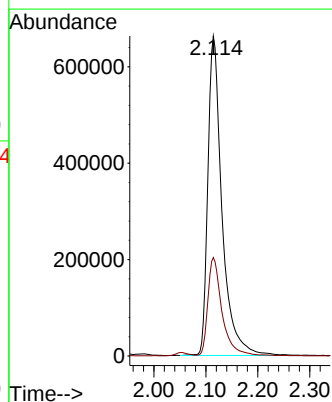
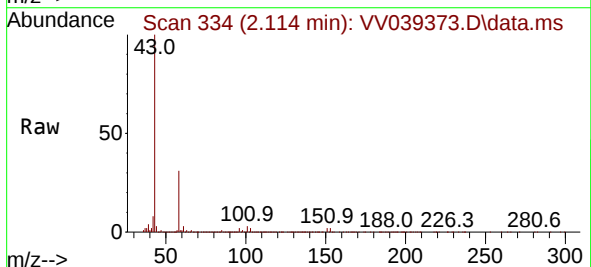
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

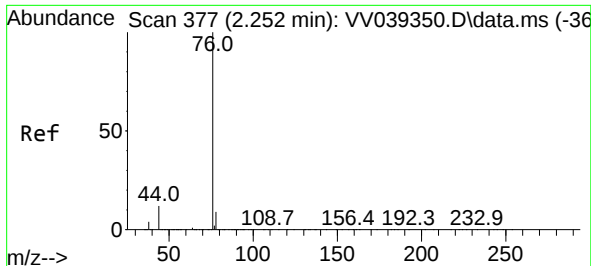
Tgt Ion: 53 Resp: 1147665
Ion Ratio Lower Upper
53 100
52 82.5 65.2 97.8
51 35.2 28.4 42.6



#16
Acetone
Concen: 230.361 ug/l
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 43 Resp: 1253426
Ion Ratio Lower Upper
43 100
58 30.6 25.5 38.3

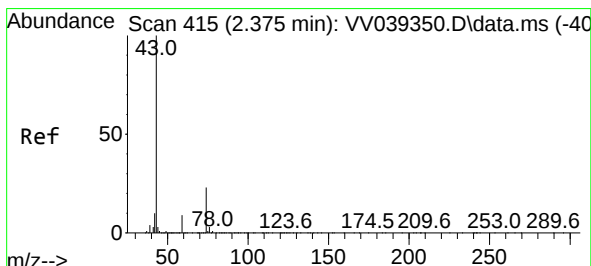
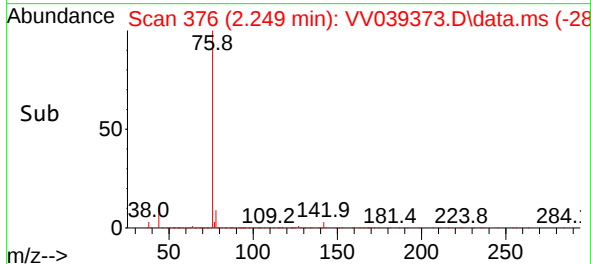
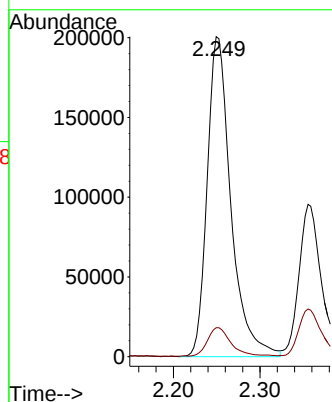
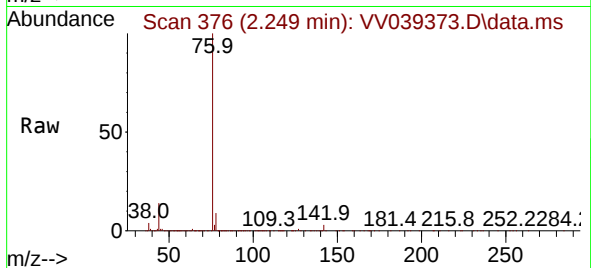




#17
Carbon Disulfide
Concen: 39.801 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

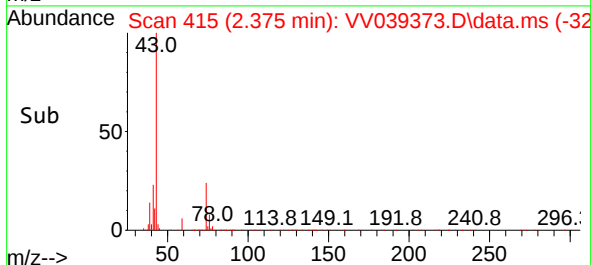
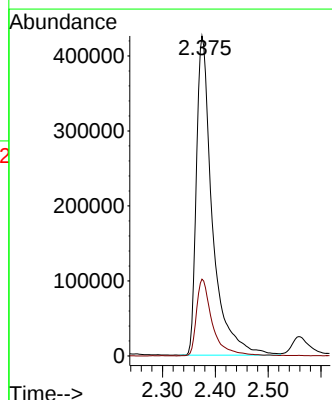
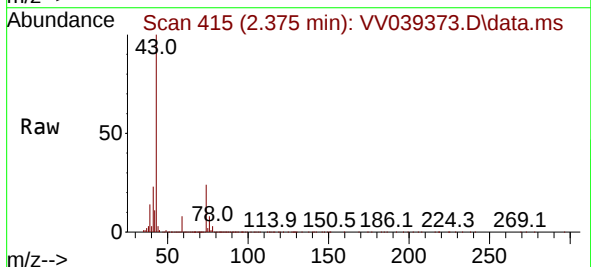
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

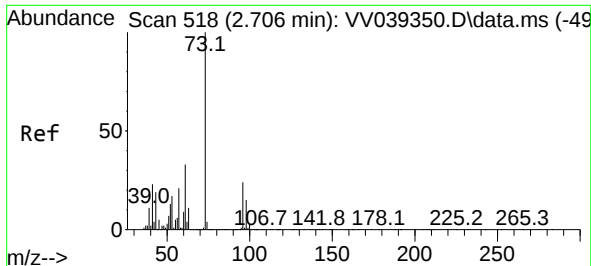
Tgt Ion: 76 Resp: 381768
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 61.286 ug/l
RT: 2.375 min Scan# 415
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 43 Resp: 892718
Ion Ratio Lower Upper
43 100
74 24.0 18.9 28.3

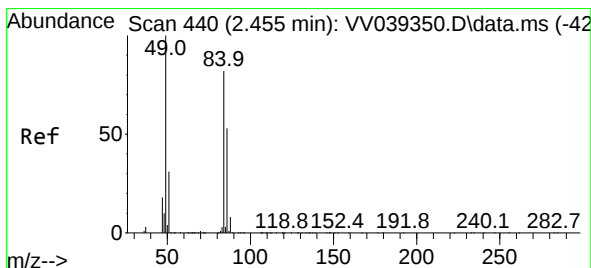
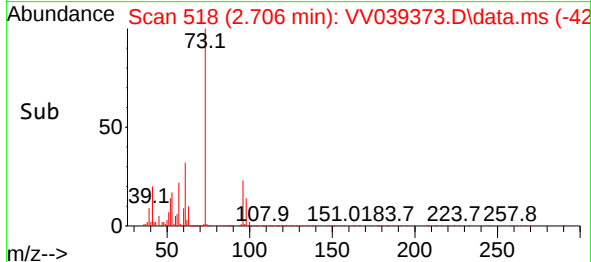
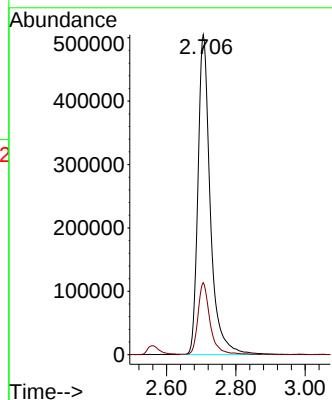
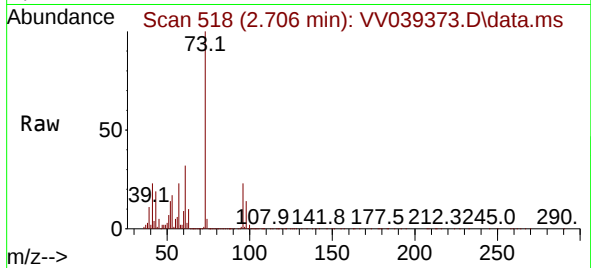




#19
Methyl tert-butyl Ether
Concen: 54.991 ug/l
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

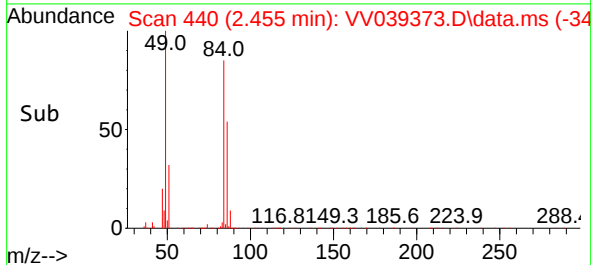
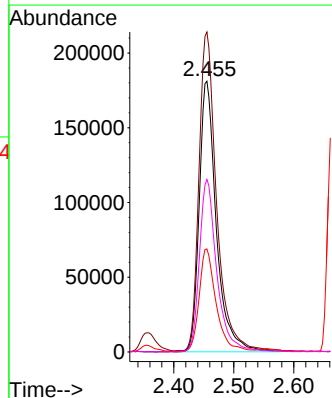
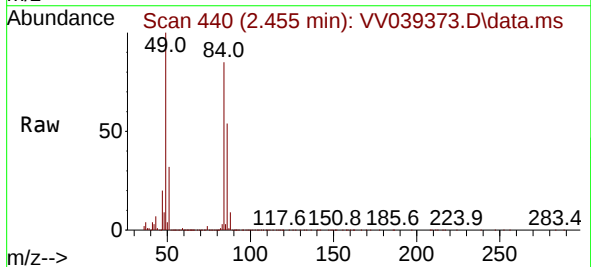
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

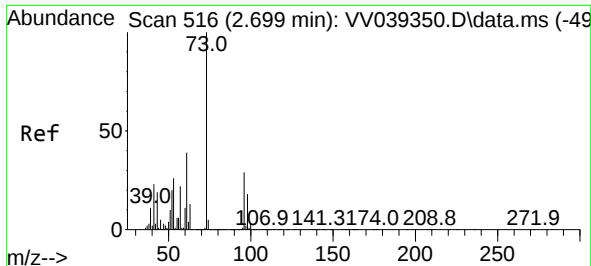
Tgt Ion: 73 Resp: 1254694
Ion Ratio Lower Upper
73 100
57 22.4 17.0 25.6



#20
Methylene Chloride
Concen: 42.918 ug/l
RT: 2.455 min Scan# 440
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 84 Resp: 360548
Ion Ratio Lower Upper
84 100
49 117.8 97.8 146.8
51 37.8 30.2 45.4
86 63.6 51.6 77.4

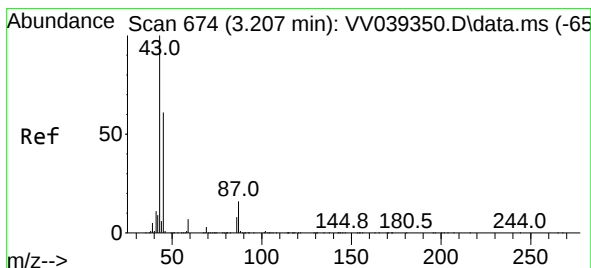
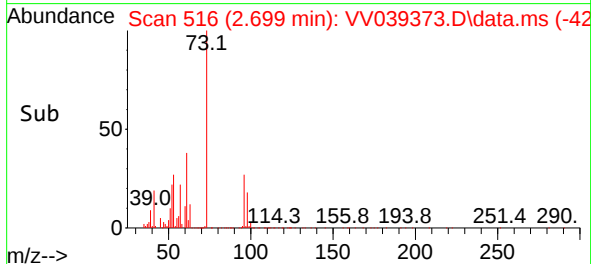
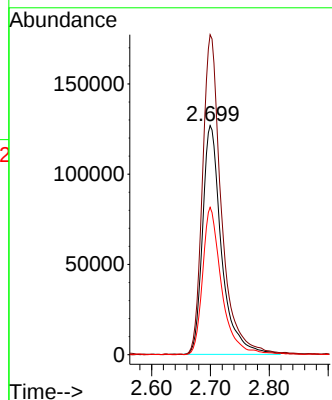
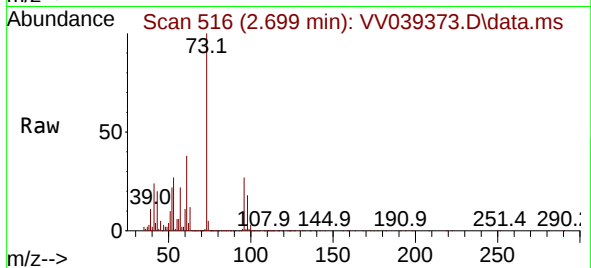




#21
trans-1,2-Dichloroethene
Concen: 47.133 ug/l
RT: 2.699 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

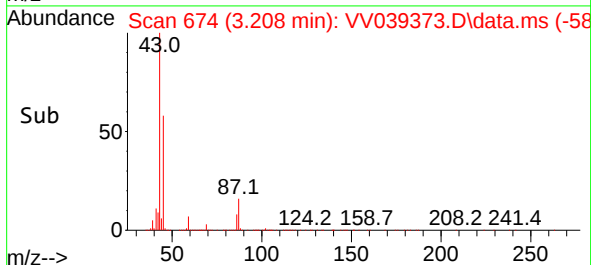
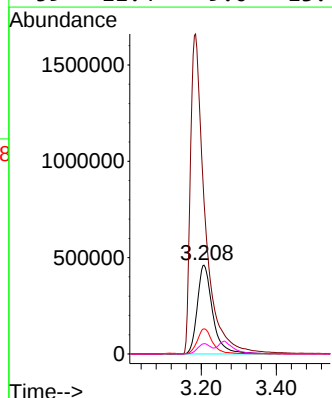
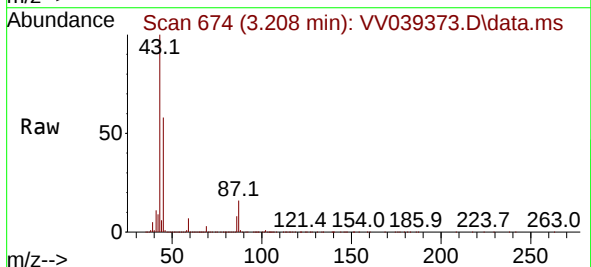
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

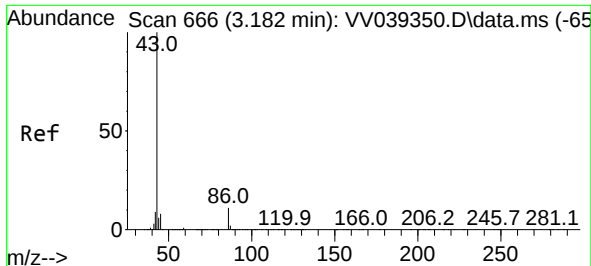
Tgt Ion: 96 Resp: 283676
Ion Ratio Lower Upper
96 100
61 139.7 108.9 163.3
98 64.1 51.7 77.5



#22
Diisopropyl ether
Concen: 55.640 ug/l
RT: 3.208 min Scan# 674
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 45 Resp: 1307060
Ion Ratio Lower Upper
45 100
43 171.2 132.1 198.1
87 28.1 21.8 32.6
59 11.4 9.0 13.4

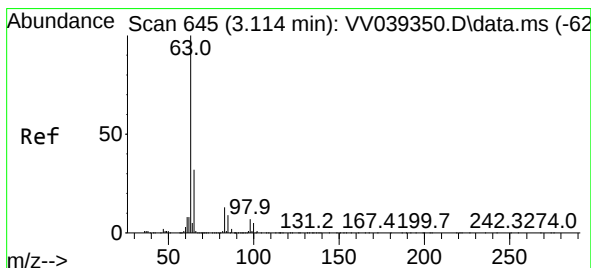
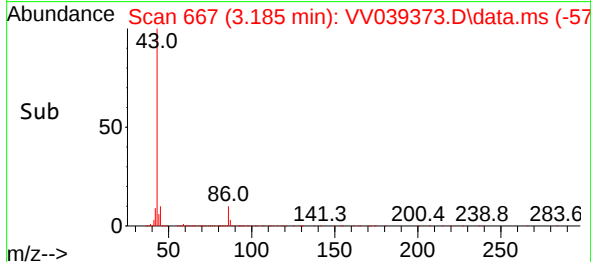
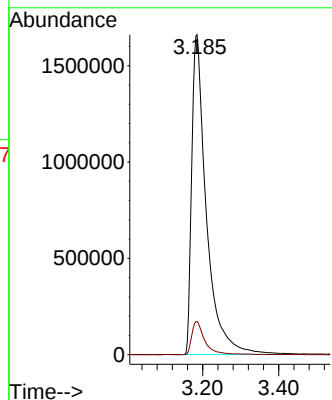
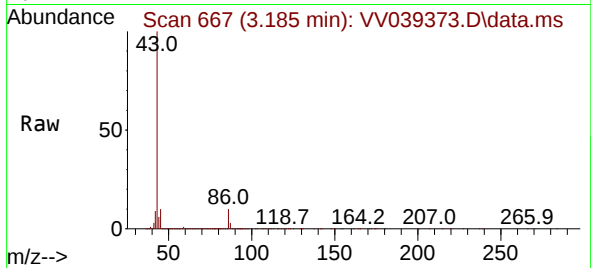




#23
 Vinyl Acetate
 Concen: 268.839 ug/l
 RT: 3.185 min Scan# 666
 Delta R.T. 0.003 min
 Lab File: VV039373.D
 Acq: 12 Nov 2025 14:56

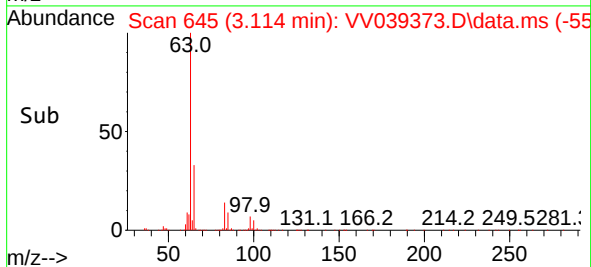
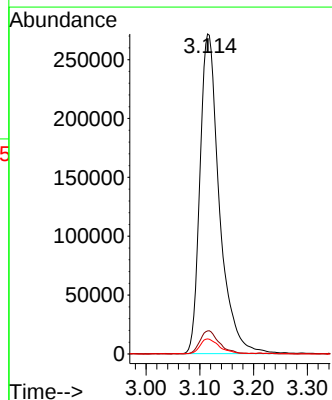
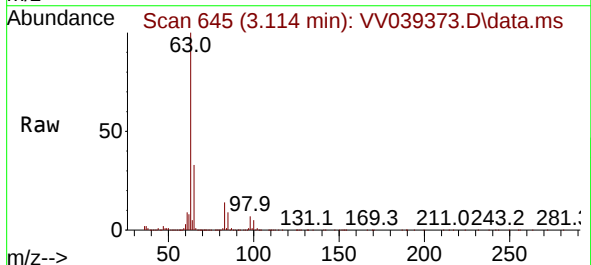
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

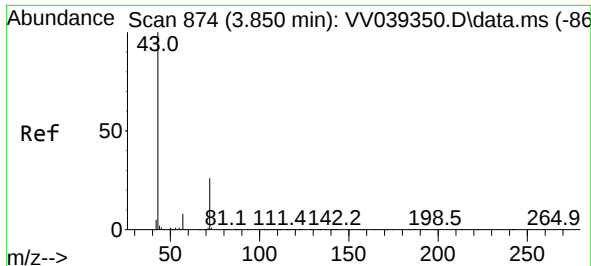
Tgt Ion: 43 Resp: 4460596
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 47.672 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. 0.000 min
 Lab File: VV039373.D
 Acq: 12 Nov 2025 14:56

Tgt Ion: 63 Resp: 680951
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.5 10.5
 100 4.6 2.3 6.9

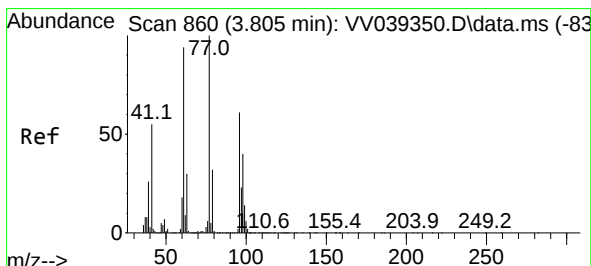
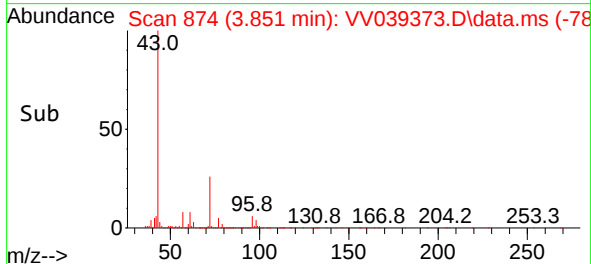
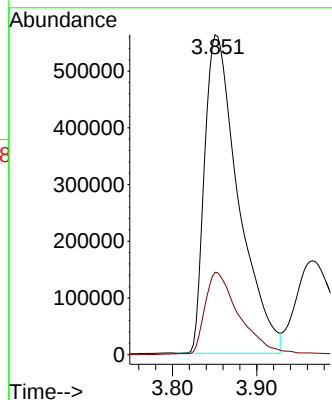
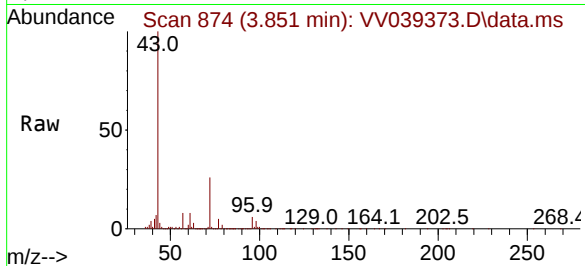




#25
2-Butanone
Concen: 276.703 ug/l
RT: 3.851 min Scan# 81
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

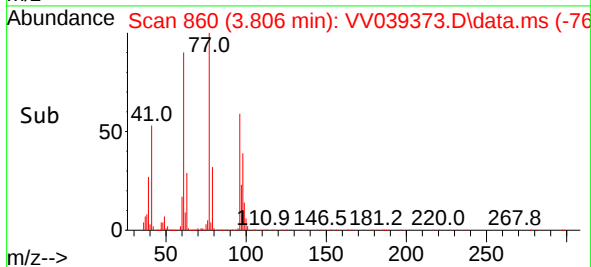
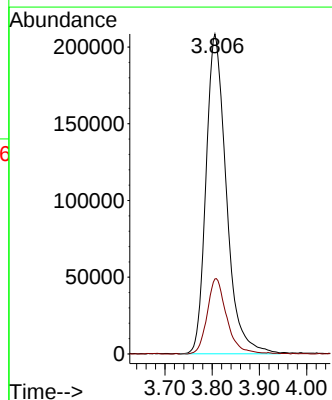
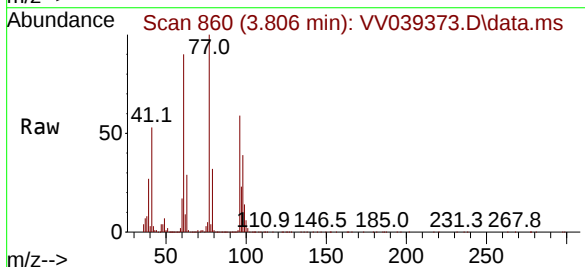
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

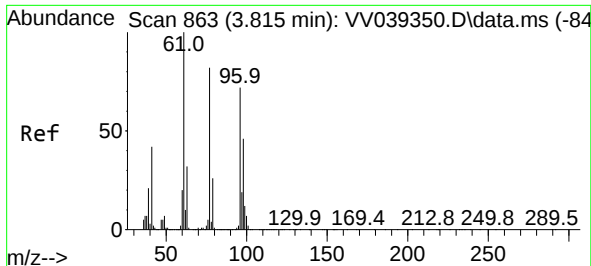
Tgt Ion: 43 Resp: 1570910
Ion Ratio Lower Upper
43 100
72 25.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 51.736 ug/l
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 77 Resp: 621566
Ion Ratio Lower Upper
77 100
97 22.7 11.3 33.8

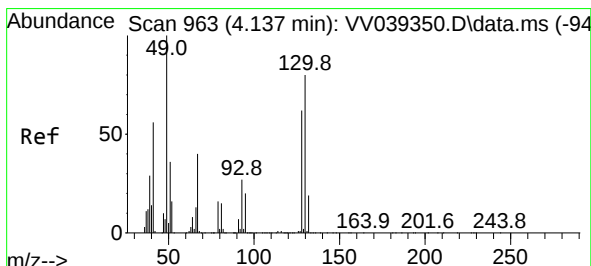
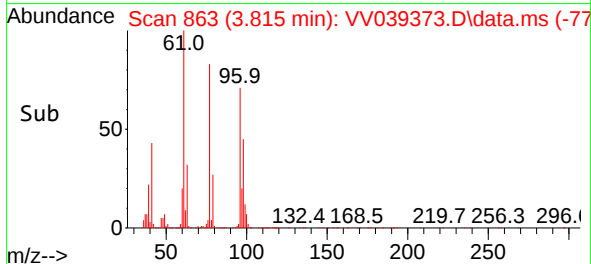
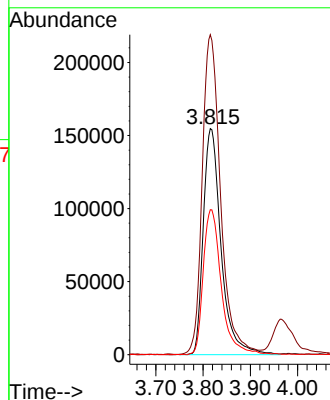
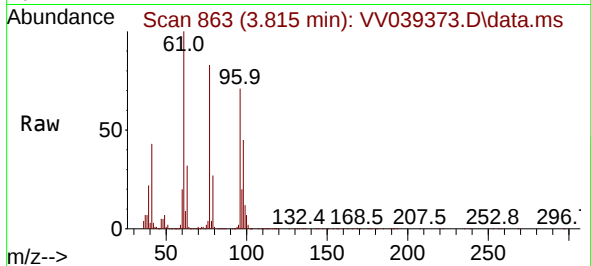




#27
 cis-1,2-Dichloroethene
 Concen: 49.520 ug/l
 RT: 3.815 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VV039373.D
 Acq: 12 Nov 2025 14:56

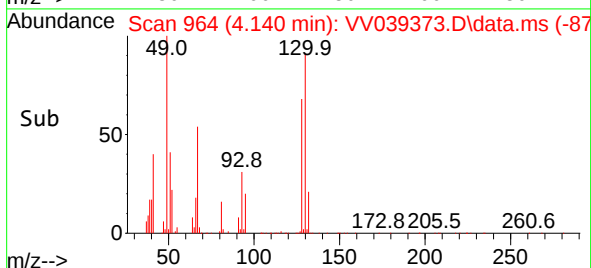
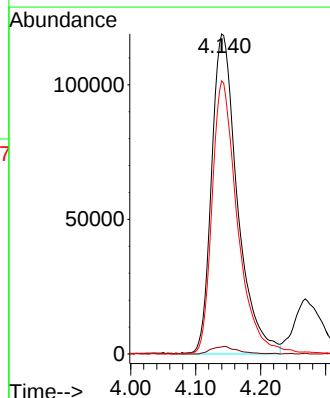
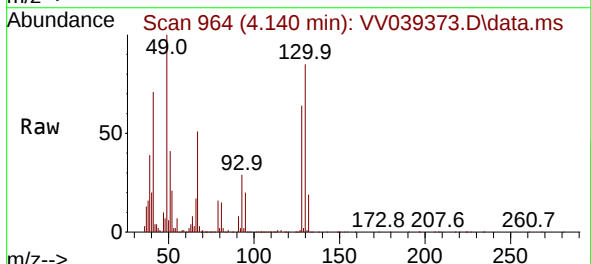
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

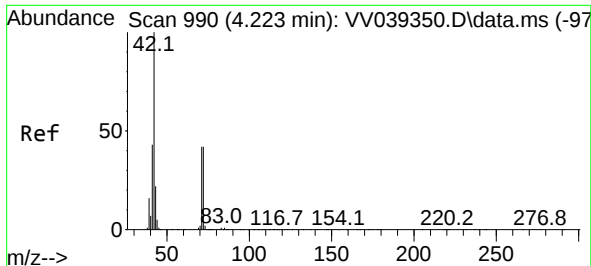
Tgt Ion: 96 Resp: 404761
 Ion Ratio Lower Upper
 96 100
 61 146.1 0.0 287.8
 98 65.0 0.0 129.6



#28
 Bromochloromethane
 Concen: 52.693 ug/l
 RT: 4.140 min Scan# 964
 Delta R.T. 0.003 min
 Lab File: VV039373.D
 Acq: 12 Nov 2025 14:56

Tgt Ion: 49 Resp: 329177
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 2.0#
 130 83.7 67.9 101.9





#29

Tetrahydrofuran

Concen: 283.241 ug/l

RT: 4.224 min Scan# 990

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

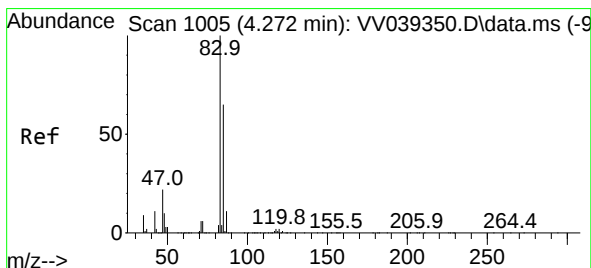
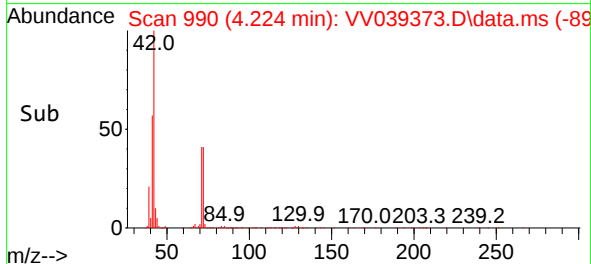
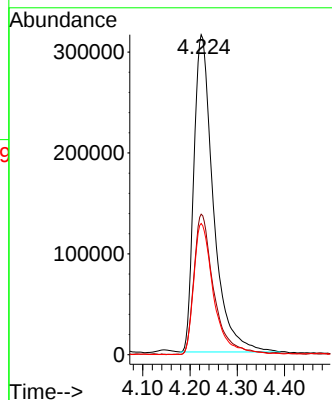
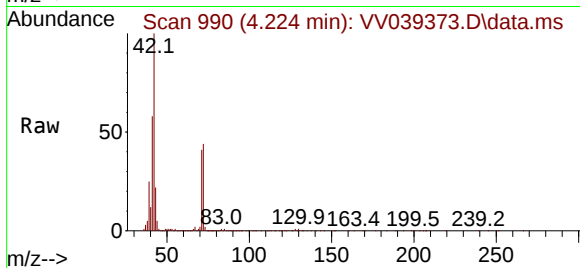
Tgt Ion: 42 Resp: 900129

Ion Ratio Lower Upper

42 100

72 45.0 35.3 52.9

71 42.0 34.0 51.0



#30

Chloroform

Concen: 48.137 ug/l

RT: 4.272 min Scan# 1005

Delta R.T. 0.000 min

Lab File: VV039373.D

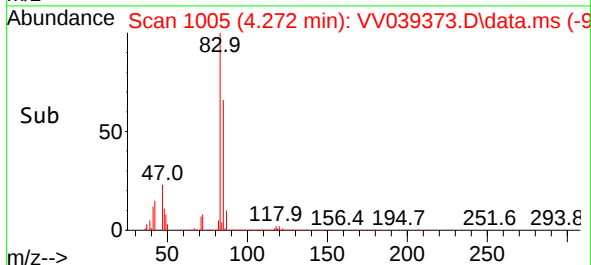
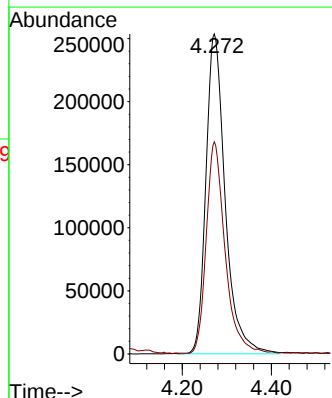
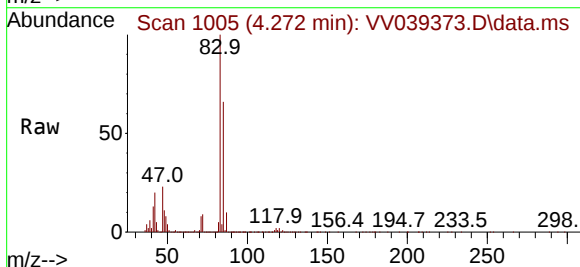
Acq: 12 Nov 2025 14:56

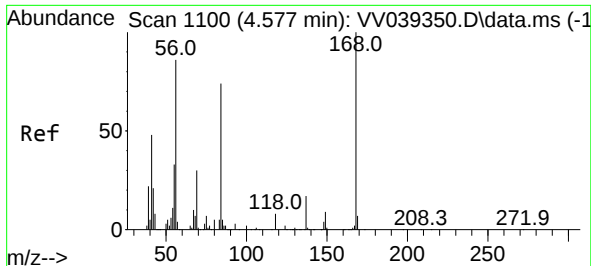
Tgt Ion: 83 Resp: 759445

Ion Ratio Lower Upper

83 100

85 66.1 51.8 77.8

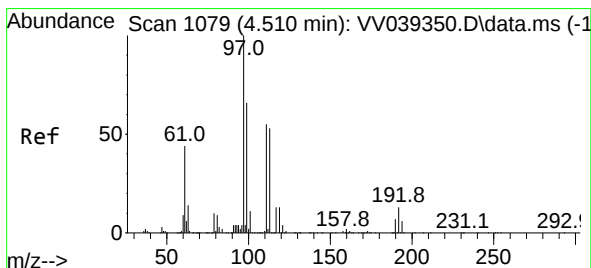
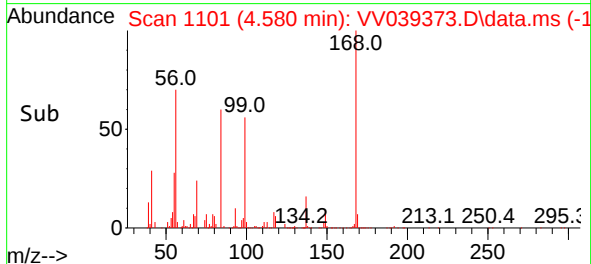
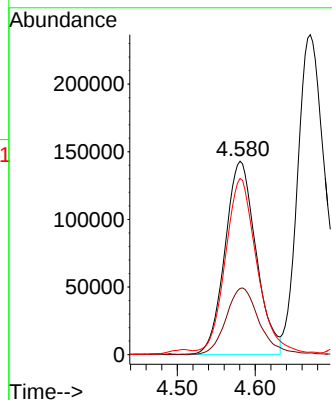
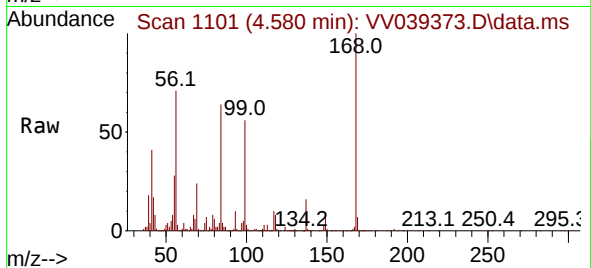




#31
Cyclohexane
Concen: 44.216 ug/l
RT: 4.580 min Scan# 1100
Delta R.T. 0.003 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

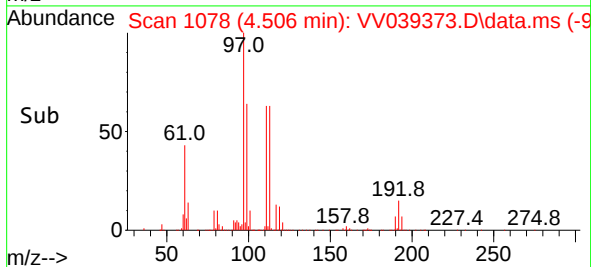
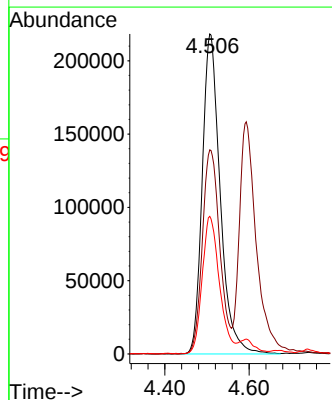
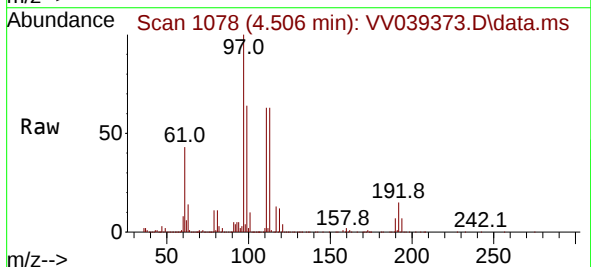
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

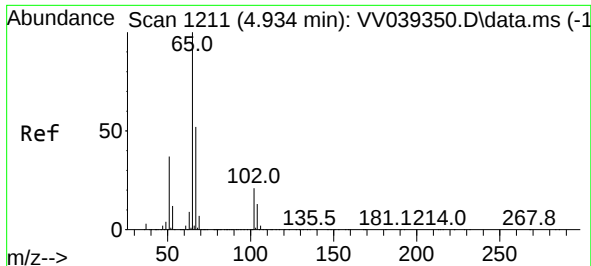
Tgt Ion: 56 Resp: 395319
Ion Ratio Lower Upper
56 100
69 34.2 27.7 41.5
84 88.7 69.4 104.2



#32
1,1,1-Trichloroethane
Concen: 48.878 ug/l
RT: 4.506 min Scan# 1078
Delta R.T. -0.003 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 97 Resp: 644884
Ion Ratio Lower Upper
97 100
99 61.7 49.9 74.9
61 41.5 33.9 50.9

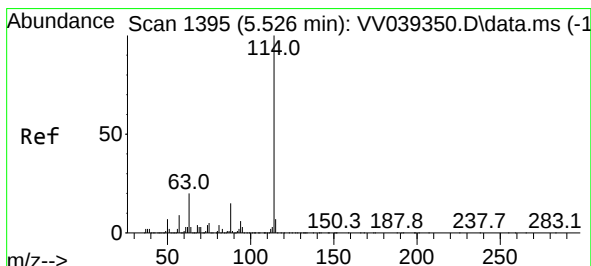
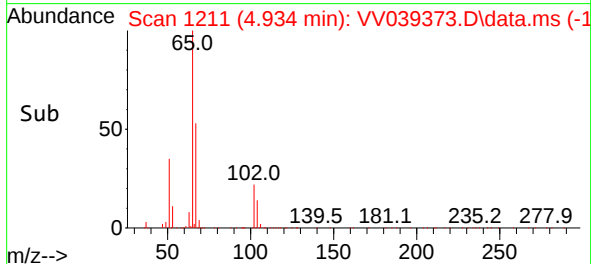
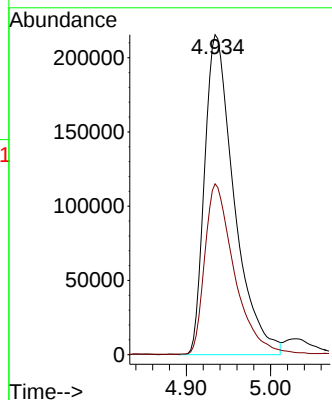
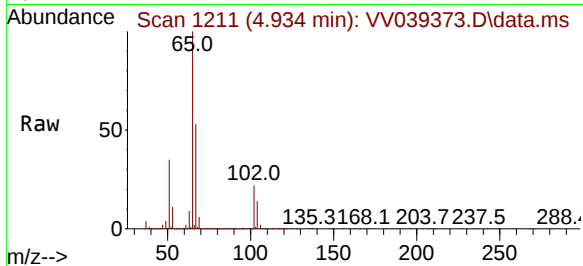




#33
 1,2-Dichloroethane-d4
 Concen: 51.082 ug/l
 RT: 4.934 min Scan# 1211
 Delta R.T. 0.000 min
 Lab File: VV039373.D
 Acq: 12 Nov 2025 14:56

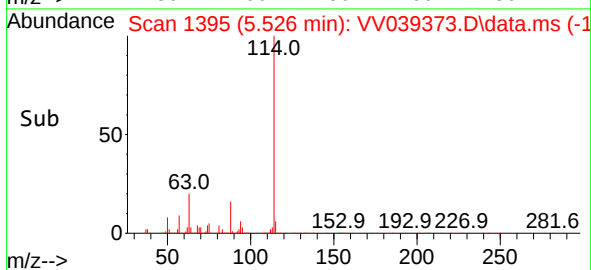
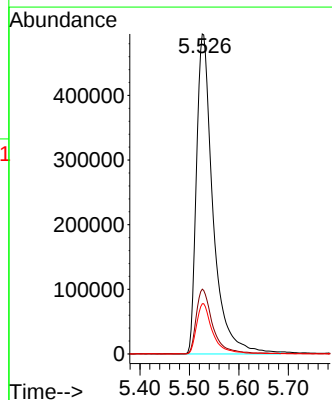
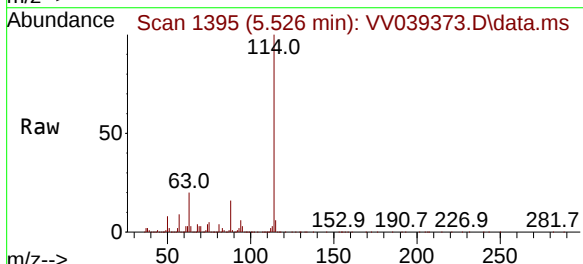
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

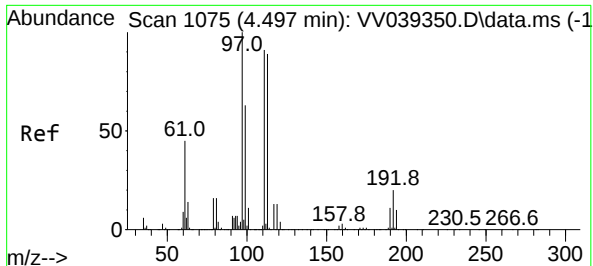
Tgt Ion: 65 Resp: 525323
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.526 min Scan# 1395
 Delta R.T. 0.000 min
 Lab File: VV039373.D
 Acq: 12 Nov 2025 14:56

Tgt Ion: 114 Resp: 1153923
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 15.7 0.0 30.2

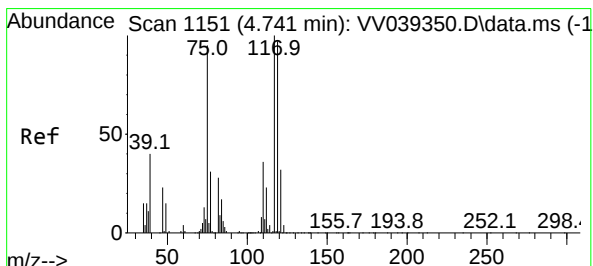
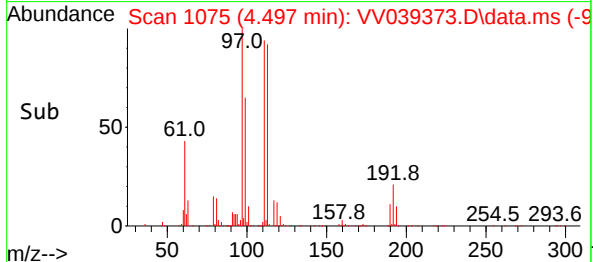
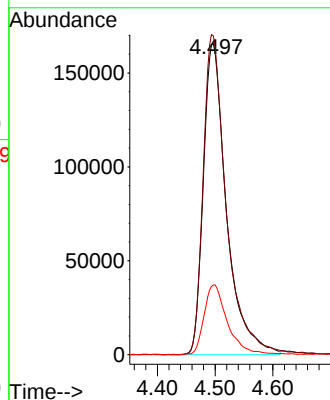
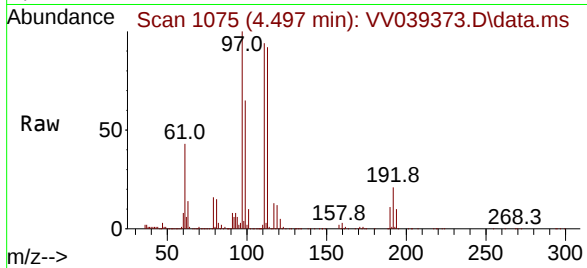




#35
Dibromofluoromethane
Concen: 52.188 ug/l
RT: 4.497 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

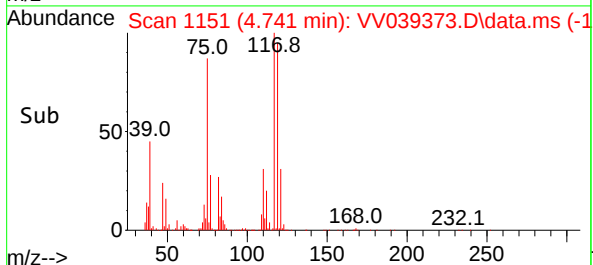
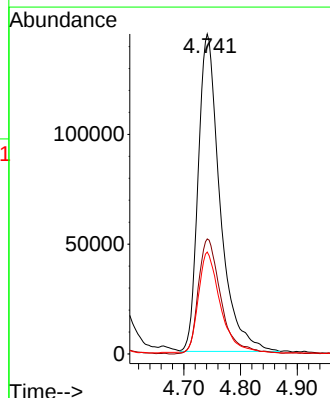
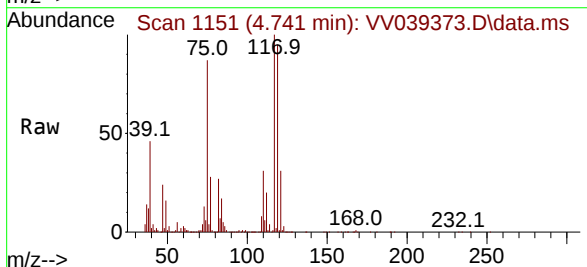
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

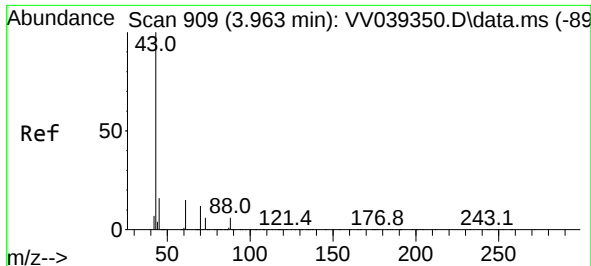
Tgt Ion:113 Resp: 461886
Ion Ratio Lower Upper
113 100
111 102.5 82.6 124.0
192 22.6 17.8 26.8



#36
1,1-Dichloropropene
Concen: 50.680 ug/l
RT: 4.741 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 75 Resp: 386338
Ion Ratio Lower Upper
75 100
110 37.6 18.1 54.4
77 32.0 24.0 36.0





#37

Ethyl Acetate

Concen: 44.606 ug/l

RT: 3.966 min Scan# 910

Delta R.T. 0.003 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

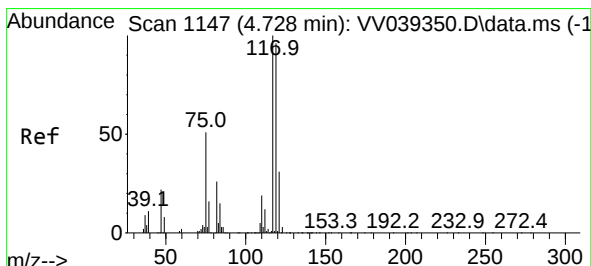
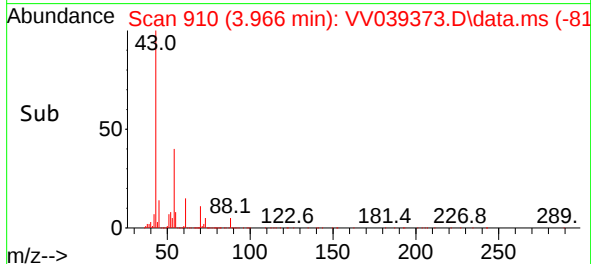
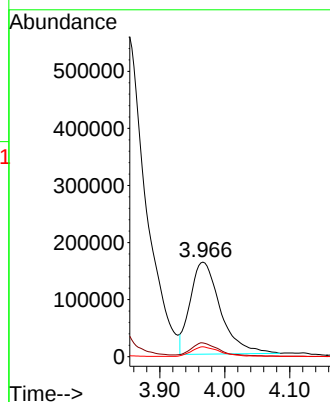
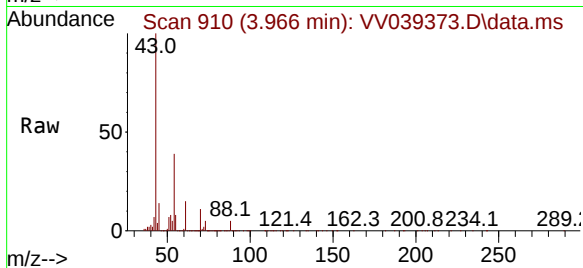
Tgt Ion: 43 Resp: 522367

Ion Ratio Lower Upper

43 100

61 13.4 9.3 13.9

70 9.6 7.0 10.4



#38

Carbon Tetrachloride

Concen: 47.860 ug/l

RT: 4.728 min Scan# 1147

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

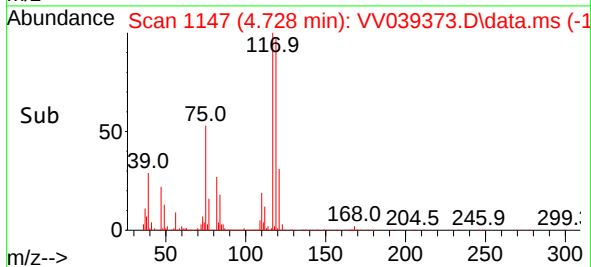
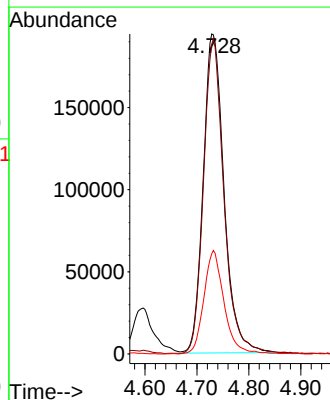
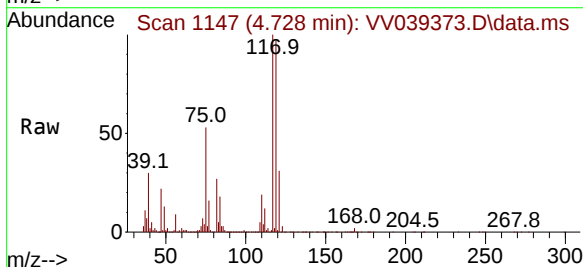
Tgt Ion: 117 Resp: 541953

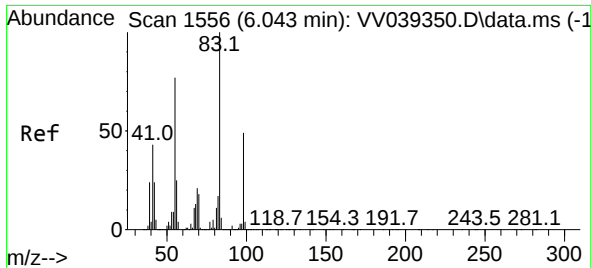
Ion Ratio Lower Upper

117 100

119 97.0 76.1 114.1

121 31.4 25.0 37.4

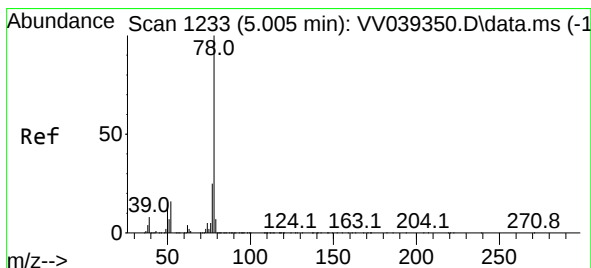
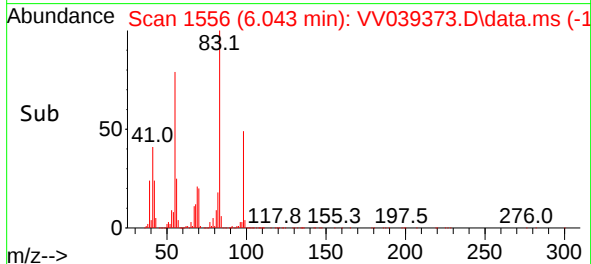
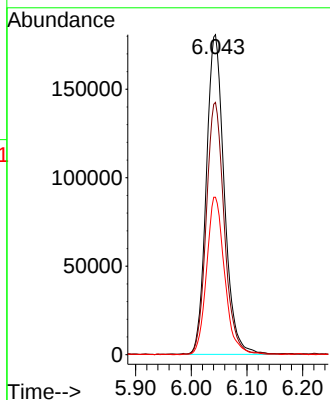
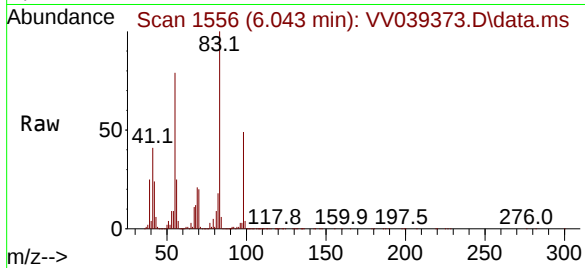




#39
Methylcyclohexane
Concen: 49.883 ug/l
RT: 6.043 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

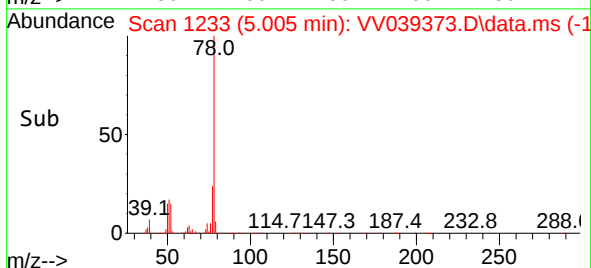
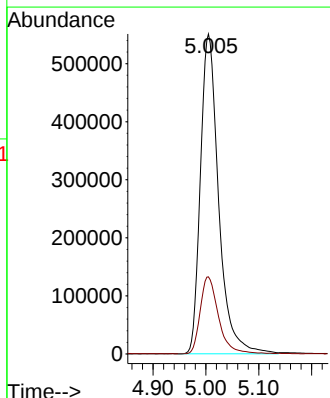
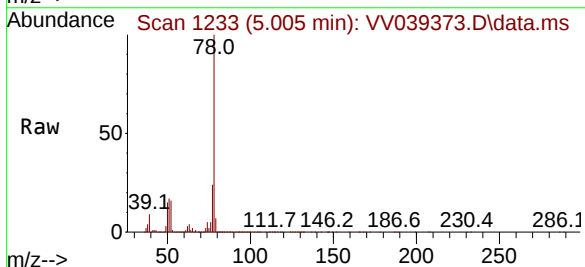
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

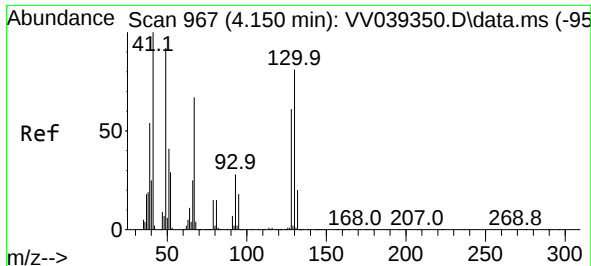
Tgt Ion: 83 Resp: 404846
Ion Ratio Lower Upper
83 100
55 78.8 61.3 91.9
98 49.2 39.0 58.6



#40
Benzene
Concen: 49.478 ug/l
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 78 Resp: 1318968
Ion Ratio Lower Upper
78 100
77 24.1 19.6 29.4



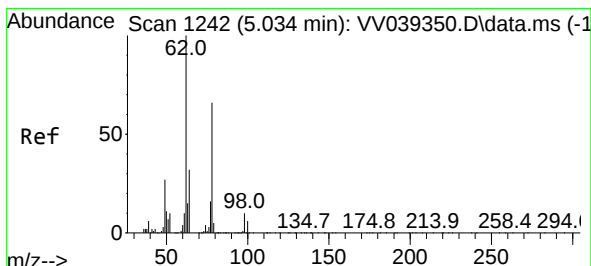
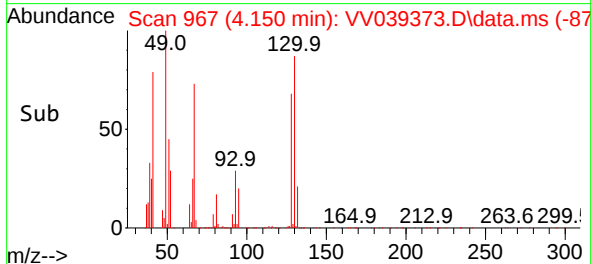
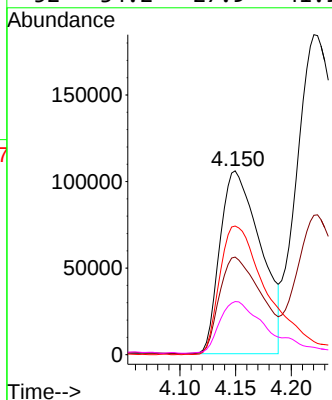
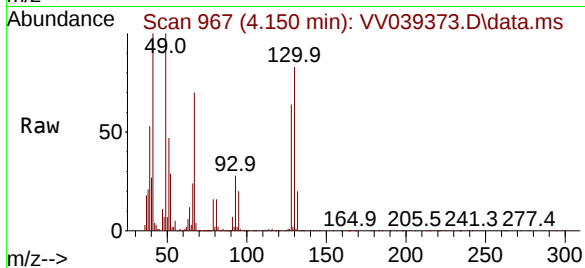


#41
Methacrylonitrile
Concen: 64.274 ug/l
RT: 4.150 min Scan# 967
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 268793

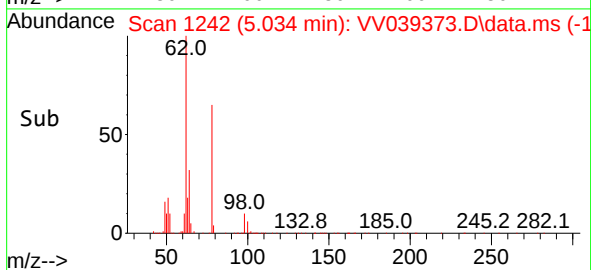
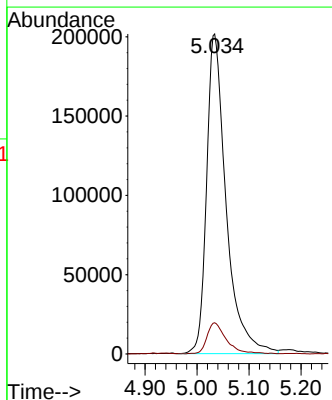
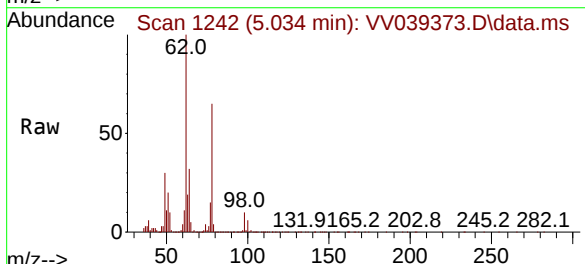
Ion	Ratio	Lower	Upper
41	100		
39	54.2	44.3	66.5
67	86.3	71.4	107.2
52	34.2	27.9	41.9

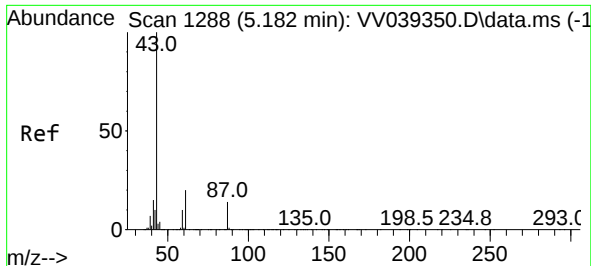


#42
1,2-Dichloroethane
Concen: 50.618 ug/l
RT: 5.034 min Scan# 1242
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 62 Resp: 525854

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	18.6

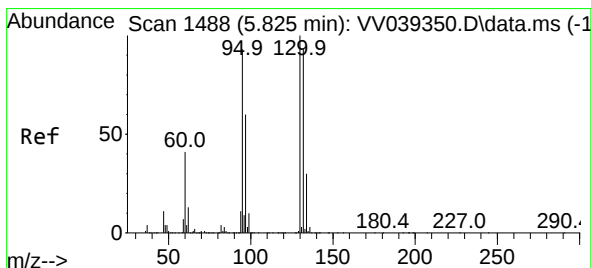
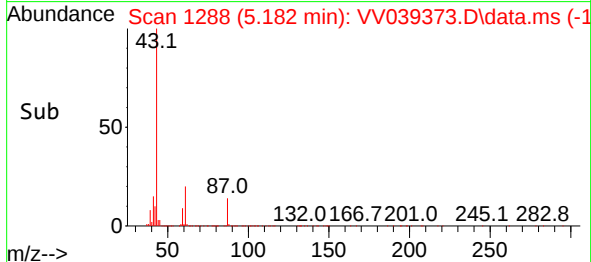
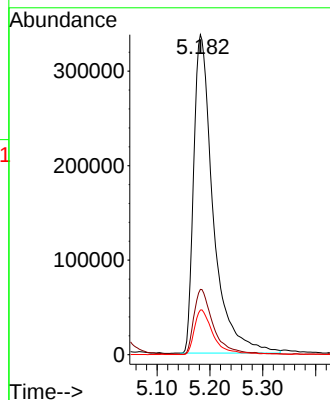
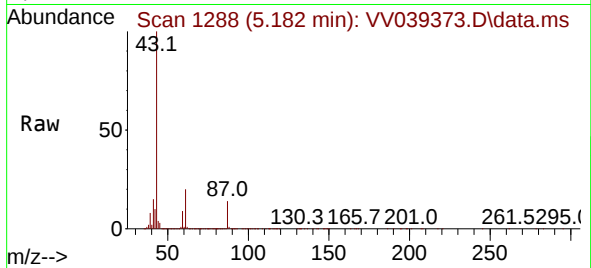




#43
Isopropyl Acetate
Concen: 55.488 ug/l
RT: 5.182 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

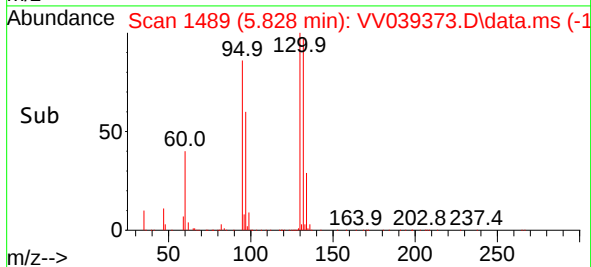
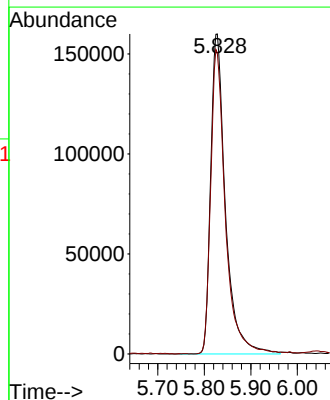
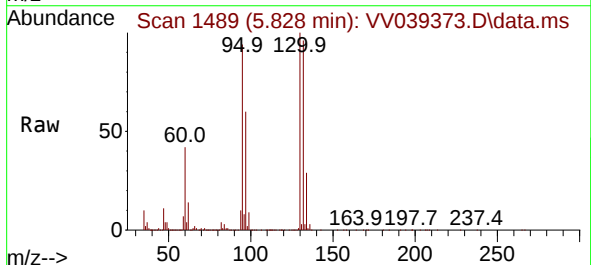
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

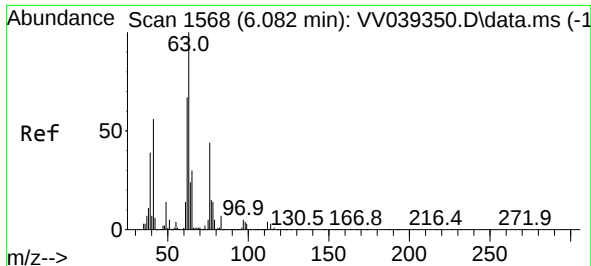
Tgt Ion: 43 Resp: 865654
Ion Ratio Lower Upper
43 100
61 19.8 15.7 23.5
87 13.5 11.1 16.7



#44
Trichloroethene
Concen: 48.893 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 130 Resp: 353662
Ion Ratio Lower Upper
130 100
95 94.0 0.0 186.8





#45

1,2-Dichloropropane

Concen: 54.735 ug/l

RT: 6.085 min Scan# 1568

Delta R.T. 0.003 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

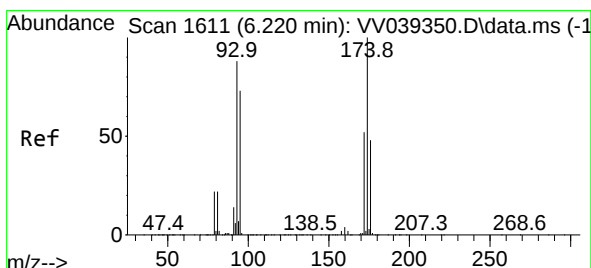
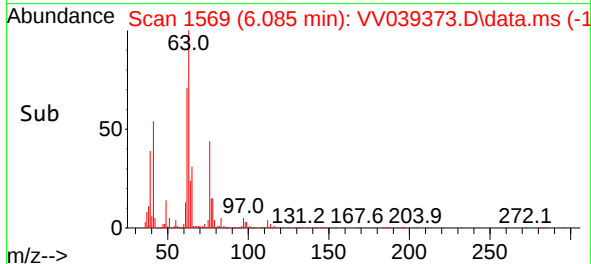
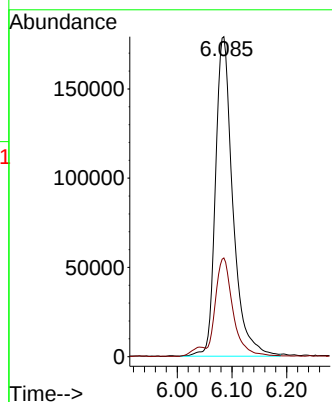
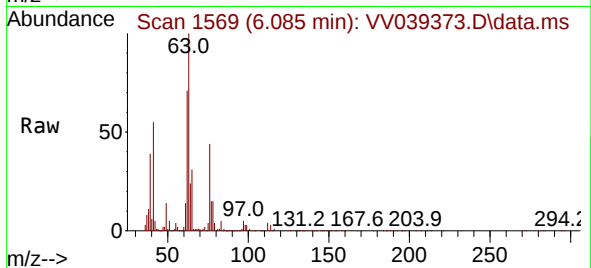
VSTDCCC050EC

Tgt Ion: 63 Resp: 394797

Ion Ratio Lower Upper

63 100

65 30.6 23.9 35.9



#46

Dibromomethane

Concen: 48.065 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

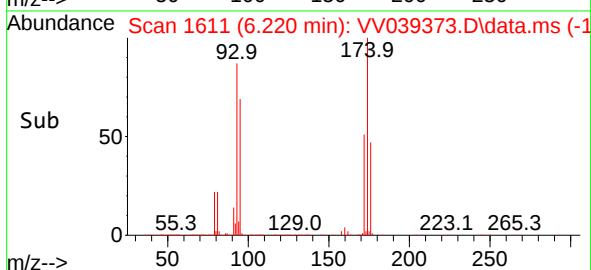
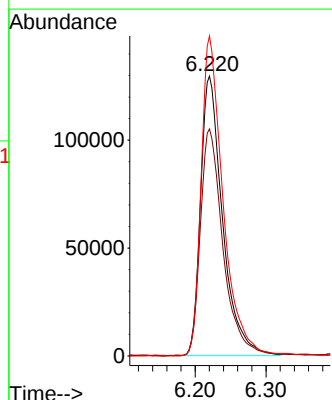
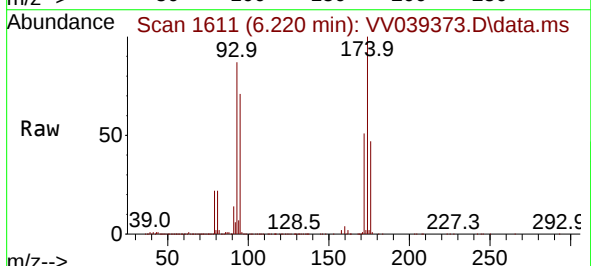
Tgt Ion: 93 Resp: 278787

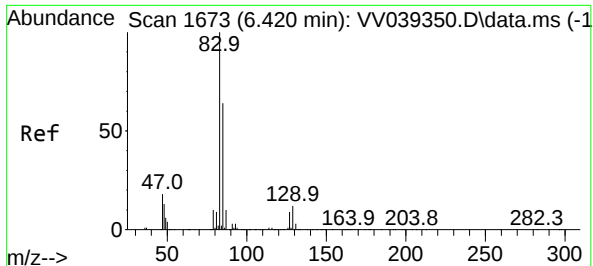
Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

174 114.0 91.4 137.0

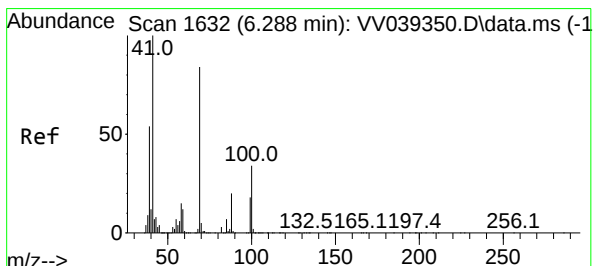
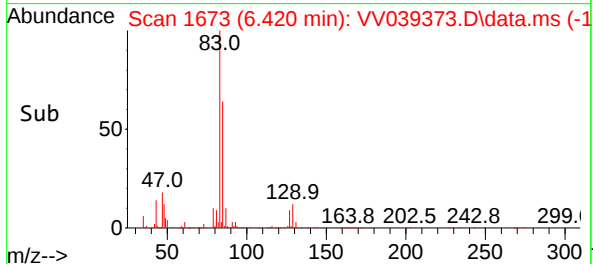
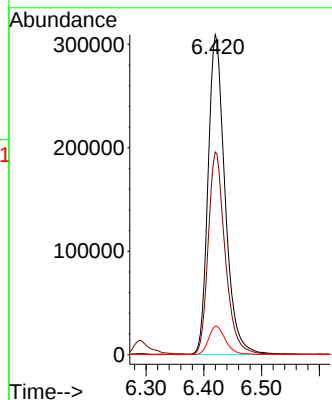
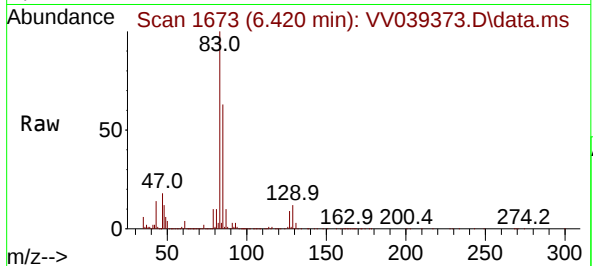




#47
Bromodichloromethane
Concen: 50.152 ug/l
RT: 6.420 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

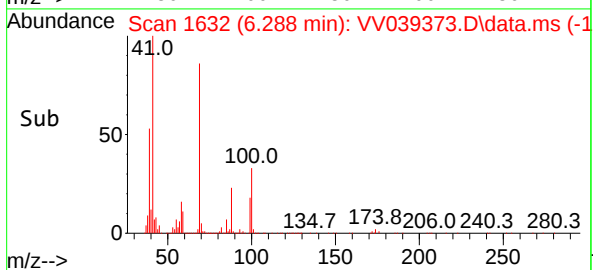
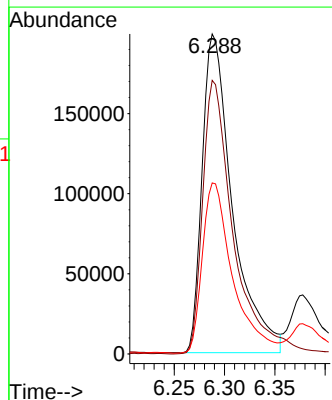
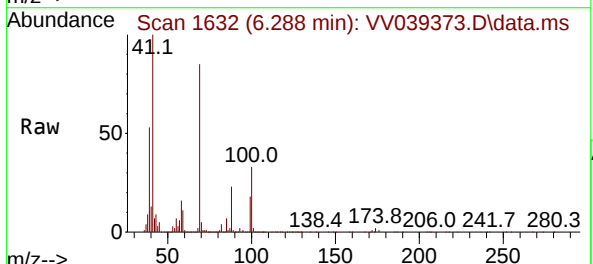
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

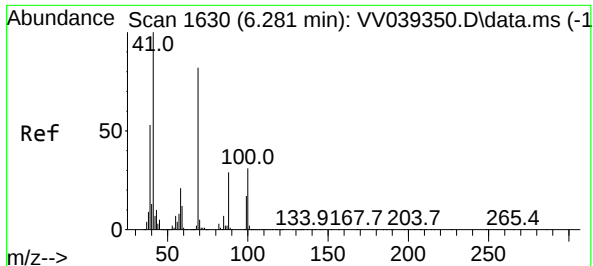
Tgt Ion: 83 Resp: 629973
Ion Ratio Lower Upper
83 100
85 63.2 51.0 76.4
127 8.9 7.3 10.9



#48
Methyl methacrylate
Concen: 57.456 ug/l
RT: 6.288 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 41 Resp: 417465
Ion Ratio Lower Upper
41 100
69 87.3 69.1 103.7
39 53.2 42.8 64.2





#49

1,4-Dioxane

Concen: 1008.809 ug/l

RT: 6.281 min Scan# 1

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

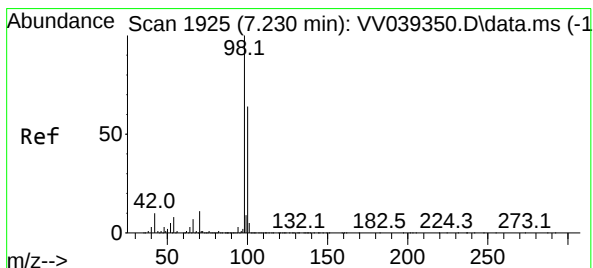
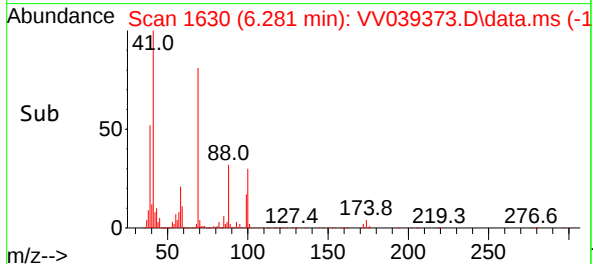
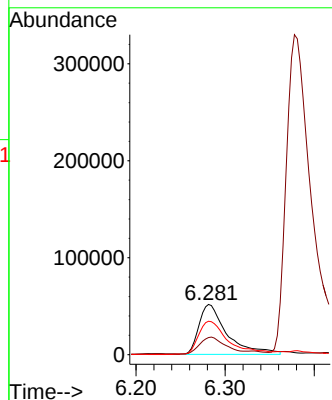
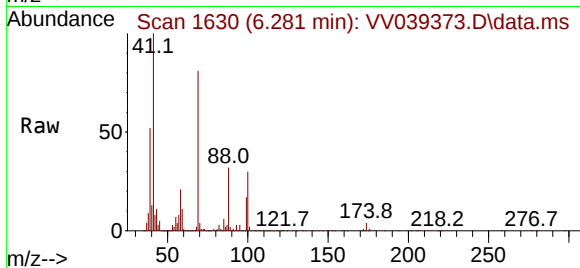
Tgt Ion: 88 Resp: 112897

Ion Ratio Lower Upper

88 100

43 30.9 26.6 40.0

58 70.3 55.4 83.0



#50

Toluene-d8

Concen: 52.224 ug/l

RT: 7.230 min Scan# 1925

Delta R.T. 0.000 min

Lab File: VV039373.D

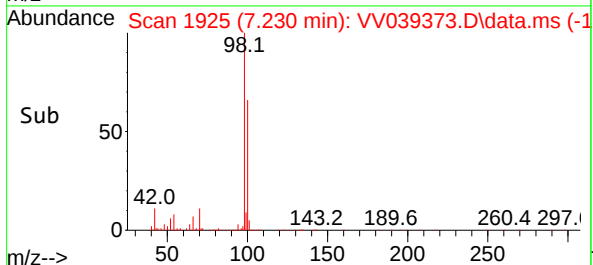
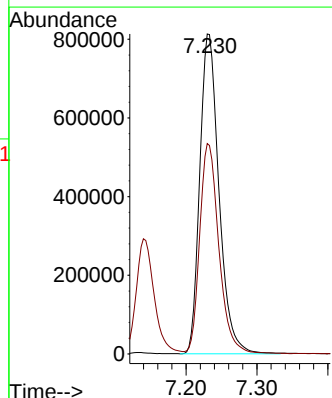
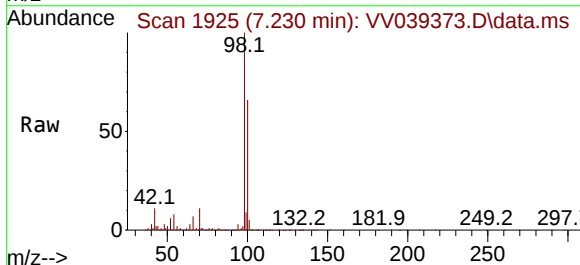
Acq: 12 Nov 2025 14:56

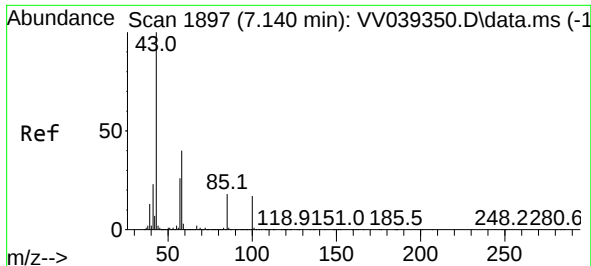
Tgt Ion: 98 Resp: 1527387

Ion Ratio Lower Upper

98 100

100 65.7 52.8 79.2

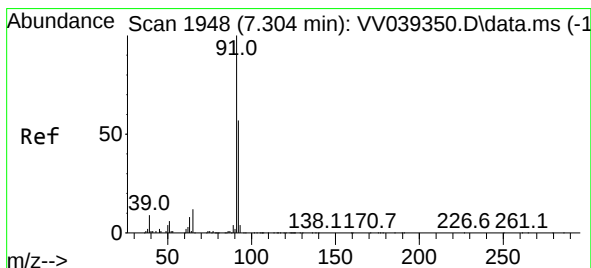
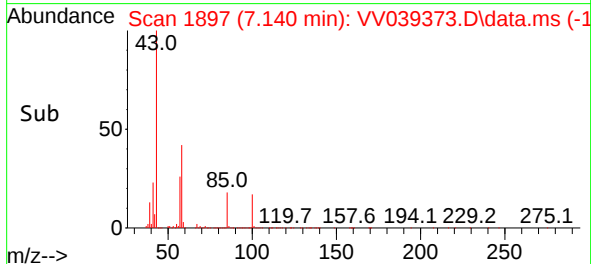
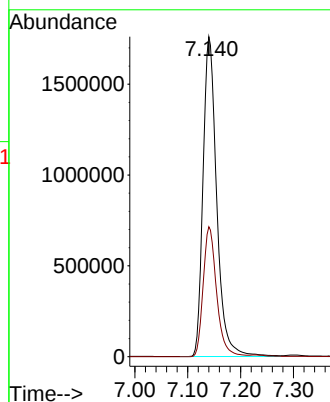
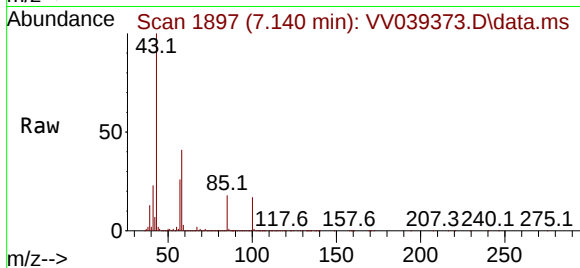




#51
4-Methyl-2-Pentanone
Concen: 297.997 ug/l
RT: 7.140 min Scan# 1897
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

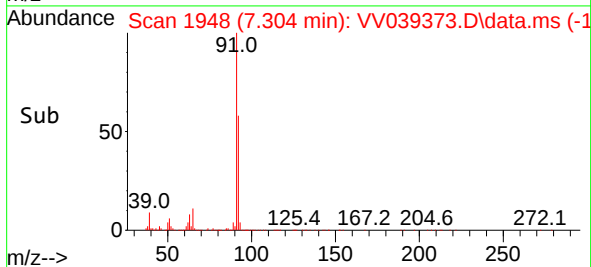
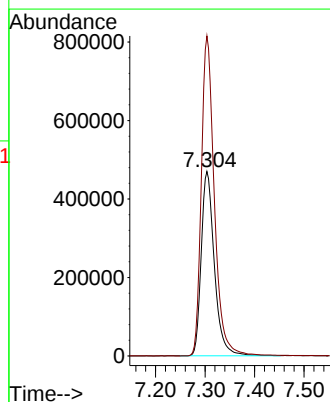
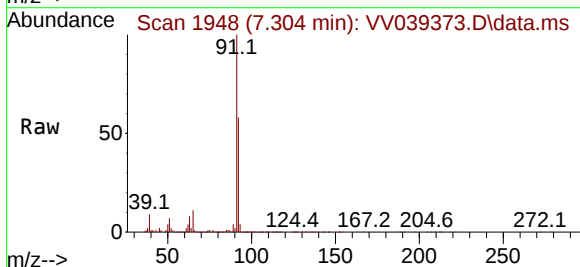
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

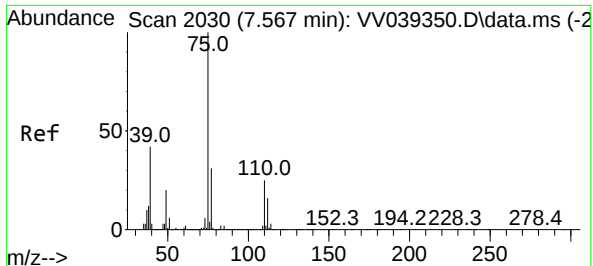
Tgt Ion: 43 Resp: 3177934
Ion Ratio Lower Upper
43 100
58 39.8 31.8 47.6



#52
Toluene
Concen: 52.080 ug/l
RT: 7.304 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 92 Resp: 870000
Ion Ratio Lower Upper
92 100
91 171.7 139.0 208.6

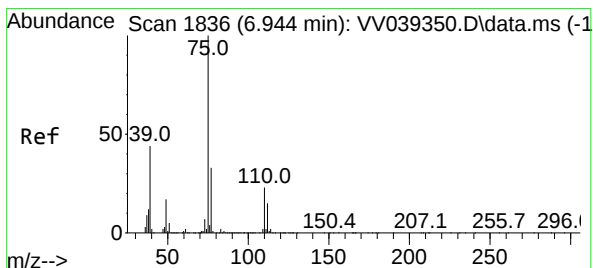
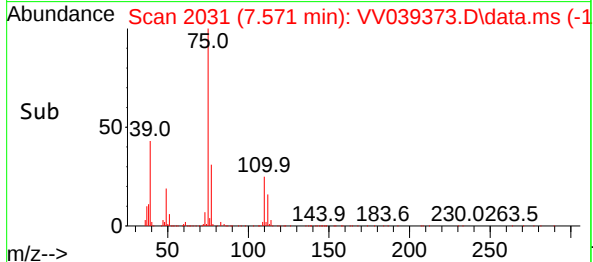
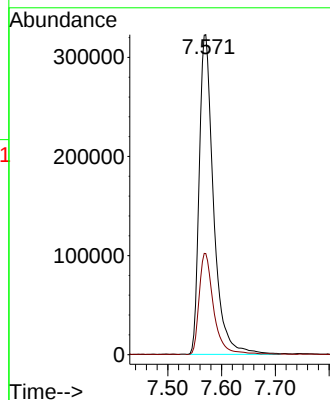
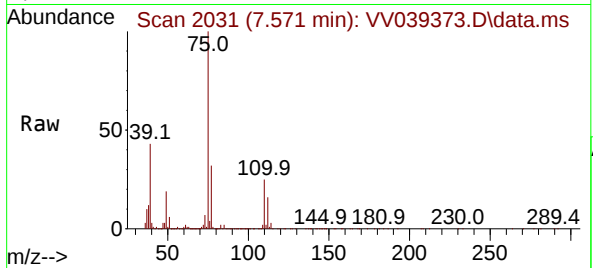




#53
 t-1,3-Dichloropropene
 Concen: 55.253 ug/l
 RT: 7.571 min Scan# 2030
 Delta R.T. 0.003 min
 Lab File: VV039373.D
 Acq: 12 Nov 2025 14:56

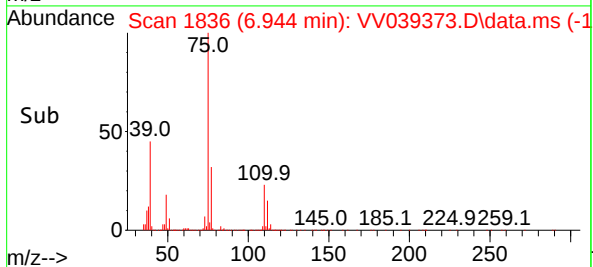
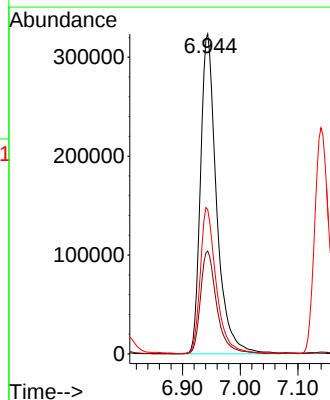
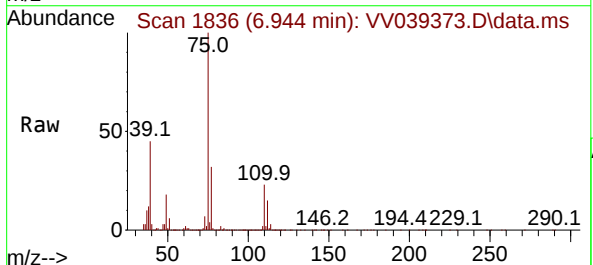
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

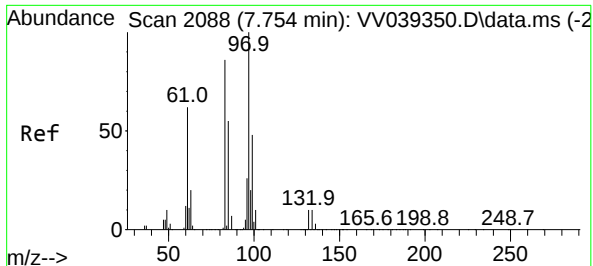
Tgt Ion: 75 Resp: 597158
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 54.457 ug/l
 RT: 6.944 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VV039373.D
 Acq: 12 Nov 2025 14:56

Tgt Ion: 75 Resp: 624854
 Ion Ratio Lower Upper
 75 100
 77 32.1 26.3 39.5
 39 45.0 35.5 53.3

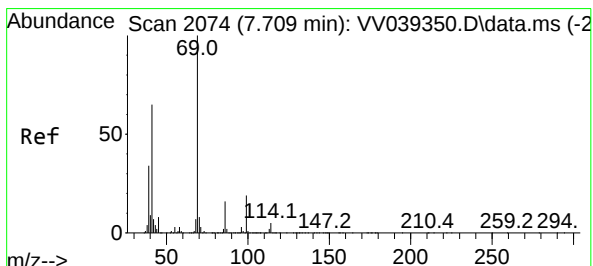
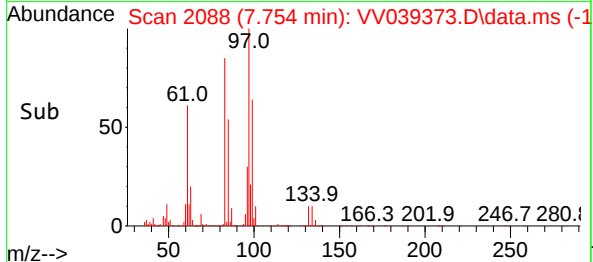
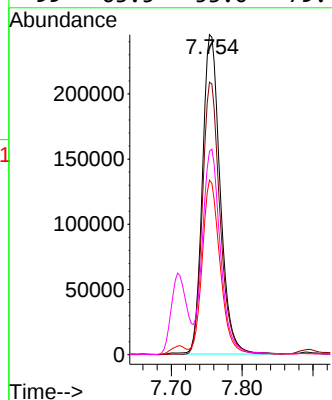
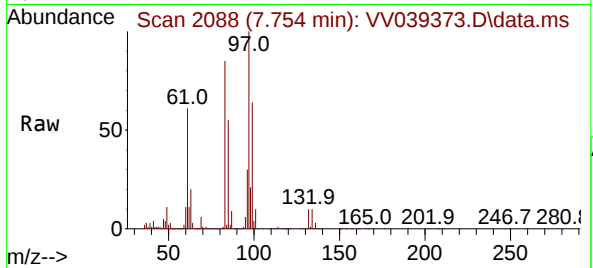




#55
 1,1,2-Trichloroethane
 Concen: 50.328 ug/l
 RT: 7.754 min Scan# 2088
 Delta R.T. 0.000 min
 Lab File: VV039373.D
 Acq: 12 Nov 2025 14:56

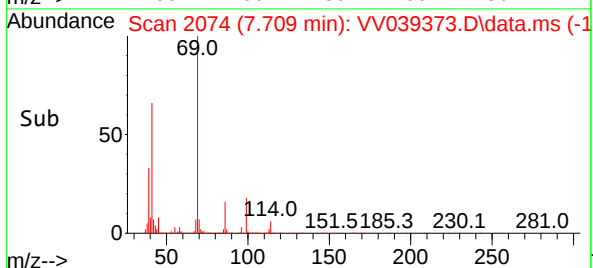
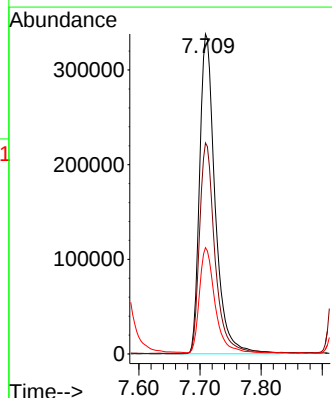
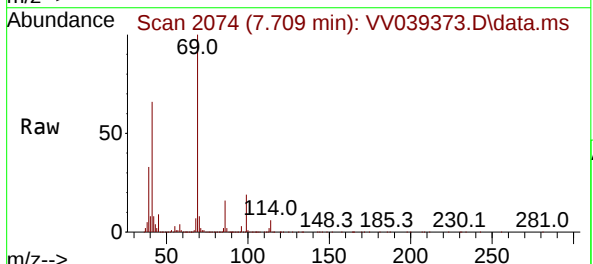
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

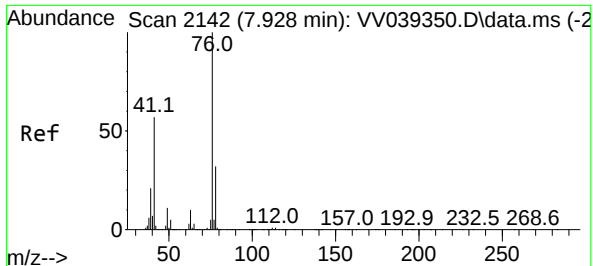
Tgt Ion:	97	Resp:	425665
Ion	Ratio	Lower	Upper
97	100		
83	85.2	68.8	103.2
85	54.5	45.2	67.8
99	63.5	53.0	79.4



#56
 Ethyl methacrylate
 Concen: 58.308 ug/l
 RT: 7.709 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VV039373.D
 Acq: 12 Nov 2025 14:56

Tgt Ion:	69	Resp:	595450
Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.5	78.7
39	32.9	26.7	40.1





#57

1,3-Dichloropropane

Concen: 52.137 ug/l

RT: 7.928 min Scan# 2142

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

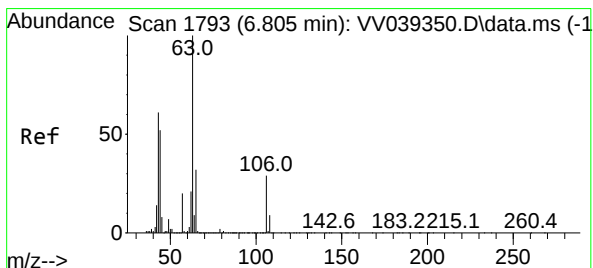
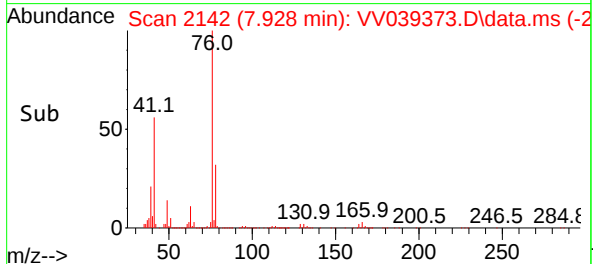
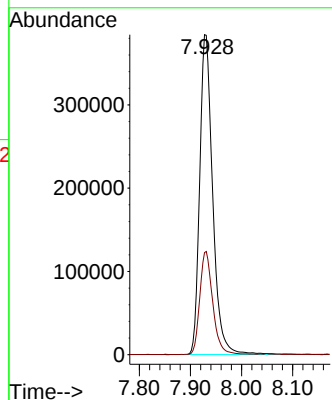
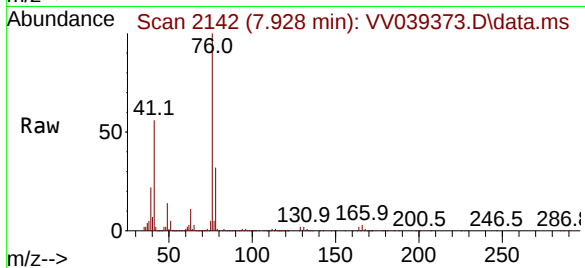
VSTDCCC050EC

Tgt Ion: 76 Resp: 678187

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 538.974 ug/l

RT: 6.805 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VV039373.D

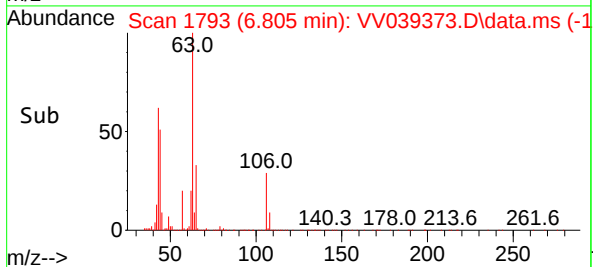
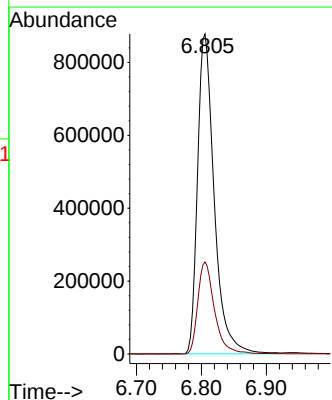
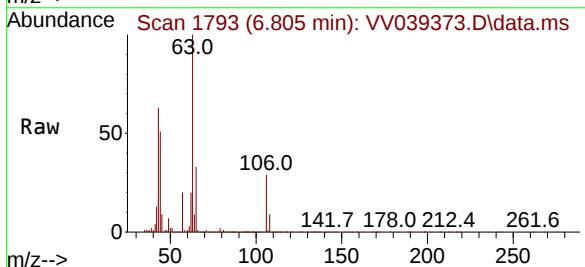
Acq: 12 Nov 2025 14:56

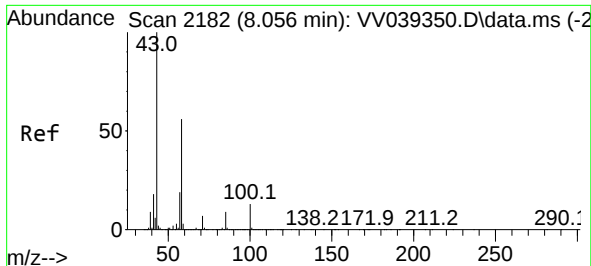
Tgt Ion: 63 Resp: 1565199

Ion Ratio Lower Upper

63 100

106 29.0 23.3 34.9

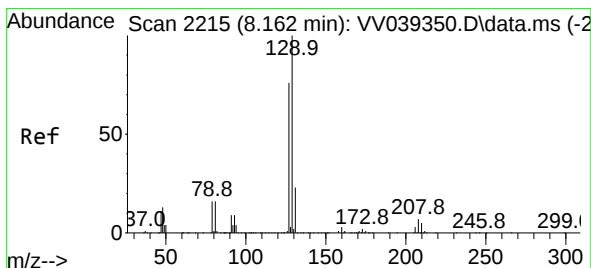
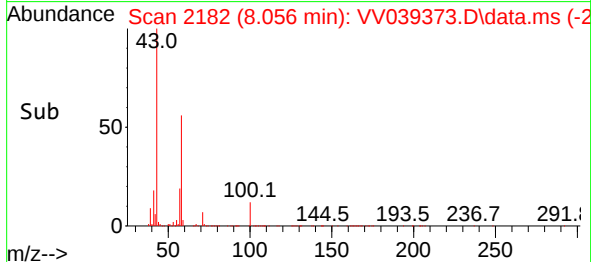
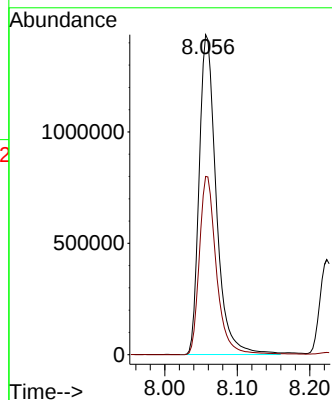
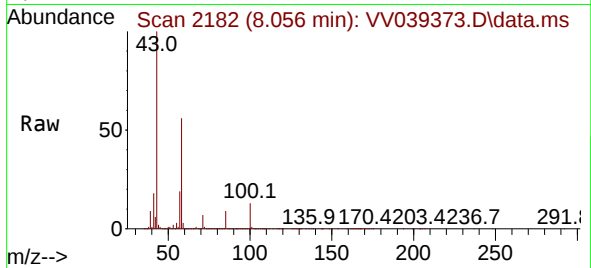




#59
2-Hexanone
Concen: 308.100 ug/l
RT: 8.056 min Scan# 2182
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

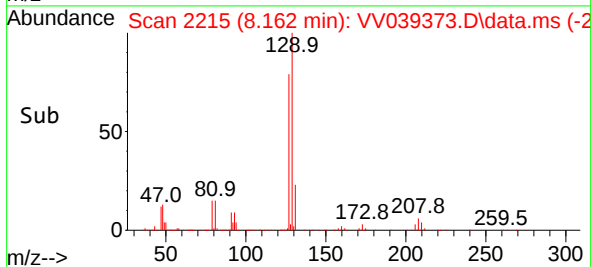
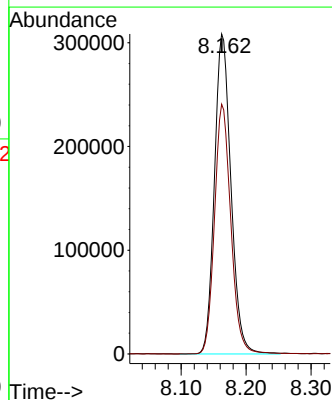
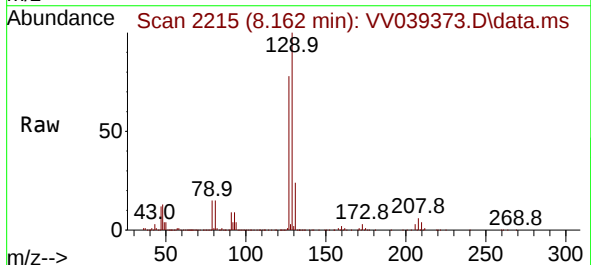
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

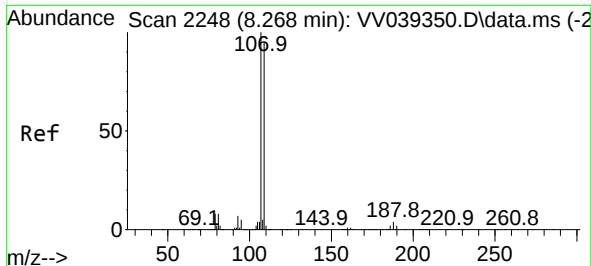
Tgt Ion: 43 Resp: 2348249
Ion Ratio Lower Upper
43 100
58 55.8 27.7 83.1



#60
Dibromochloromethane
Concen: 50.165 ug/l
RT: 8.162 min Scan# 2215
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 129 Resp: 543683
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.7





#61

1,2-Dibromoethane

Concen: 51.587 ug/l

RT: 8.268 min Scan# 21

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

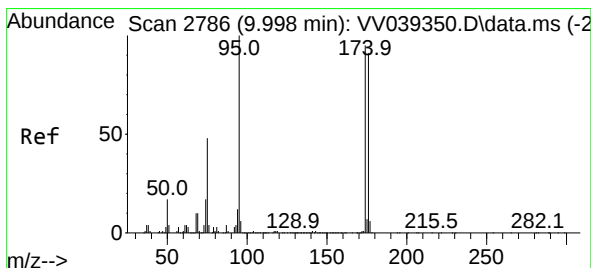
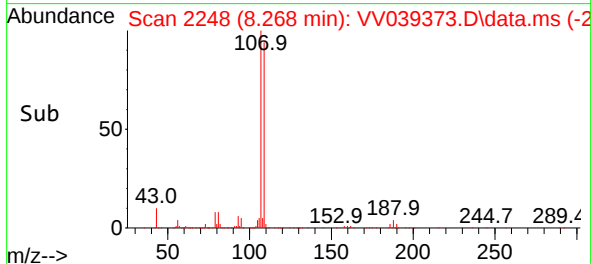
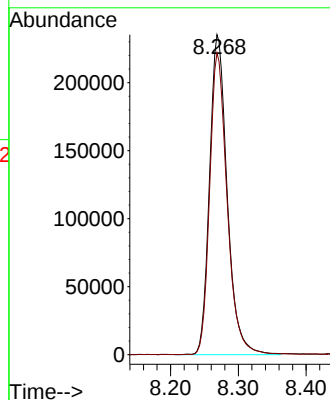
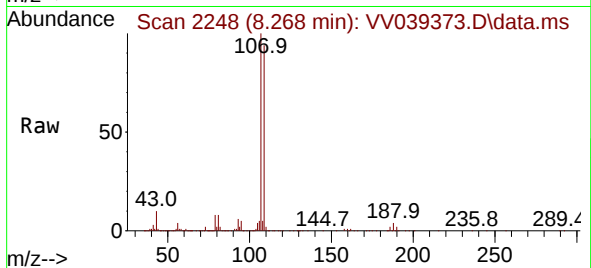
VSTDCCC050EC

Tgt Ion:107 Resp: 425287

Ion Ratio Lower Upper

107 100

109 93.4 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 54.754 ug/l

RT: 9.998 min Scan# 2786

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

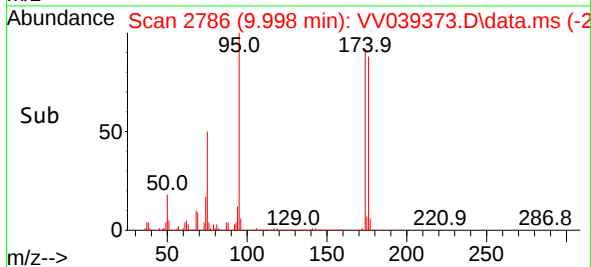
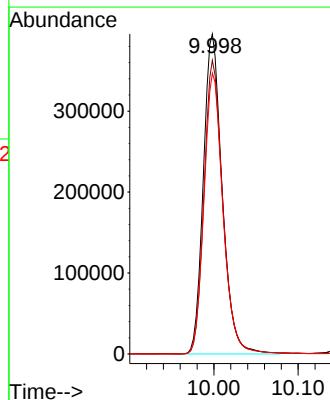
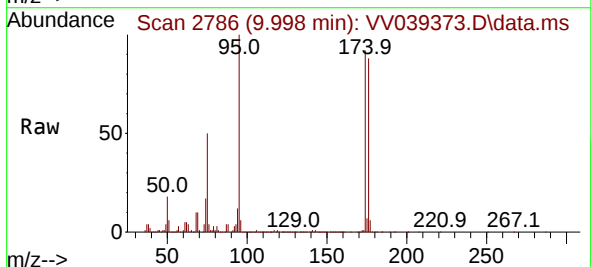
Tgt Ion: 95 Resp: 615335

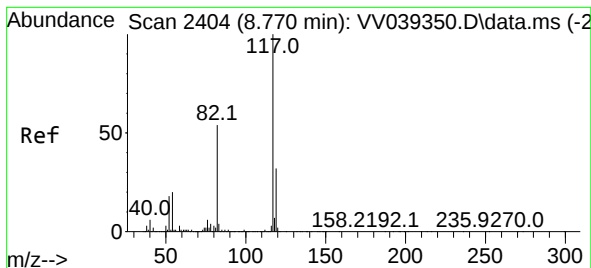
Ion Ratio Lower Upper

95 100

174 91.8 0.0 187.6

176 88.6 0.0 180.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.773 min Scan# 2404

Delta R.T. 0.003 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

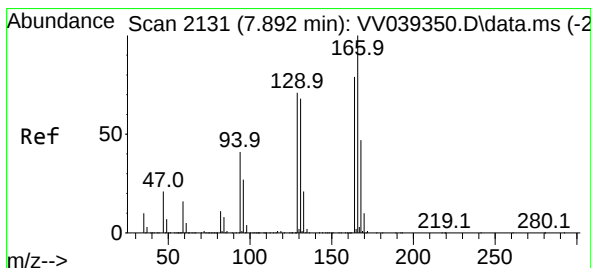
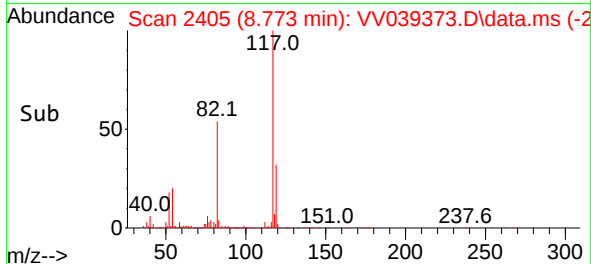
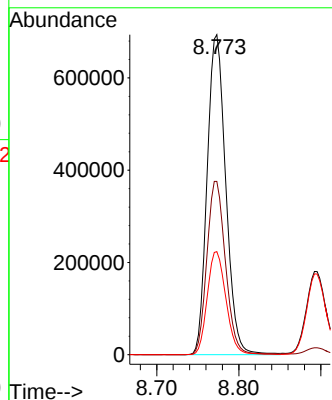
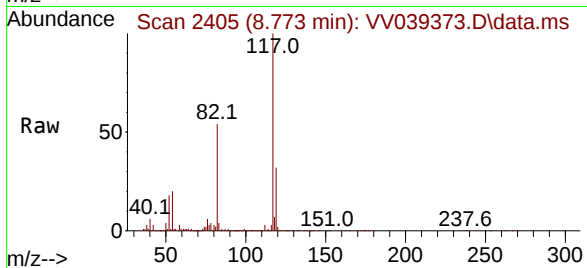
Tgt Ion:117 Resp: 1096215

Ion Ratio Lower Upper

117 100

82 54.1 42.9 64.3

119 32.2 25.5 38.3



#64

Tetrachloroethene

Concen: 47.069 ug/l

RT: 7.892 min Scan# 2131

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Tgt Ion:164 Resp: 318887

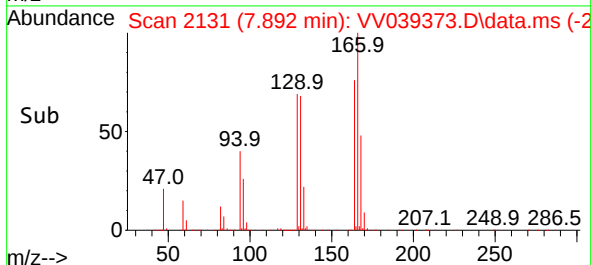
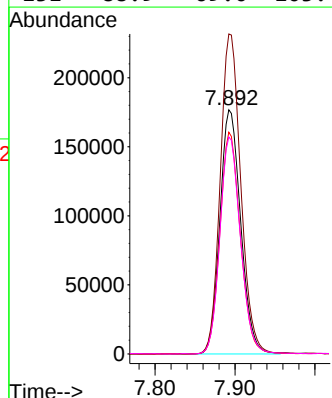
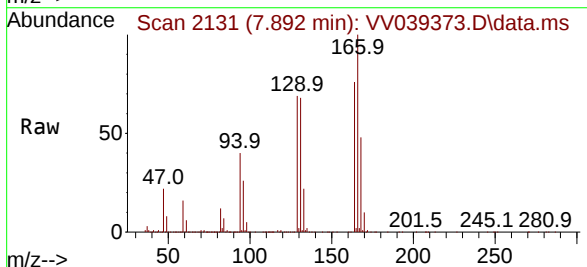
Ion Ratio Lower Upper

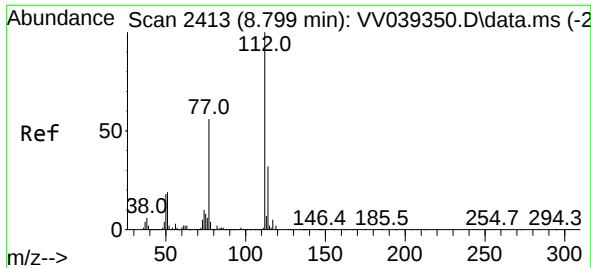
164 100

166 130.9 101.9 152.9

129 90.8 71.8 107.8

131 88.9 69.0 103.4

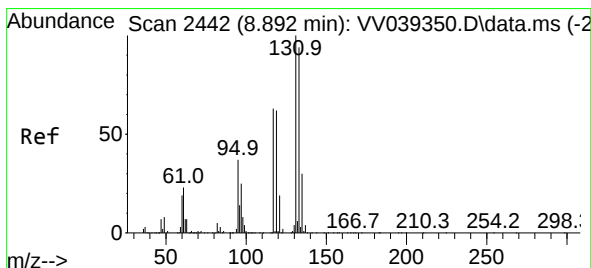
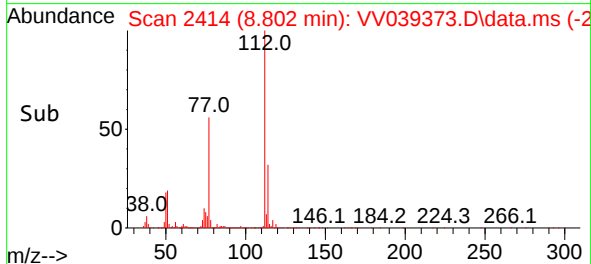
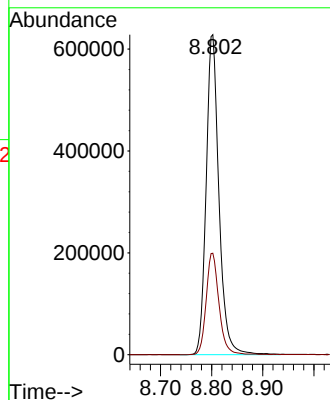
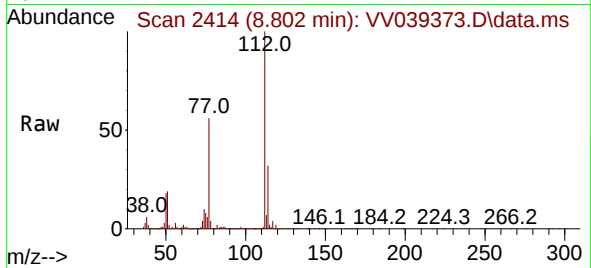




#65
Chlorobenzene
Concen: 50.072 ug/l
RT: 8.802 min Scan# 2414
Delta R.T. 0.003 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

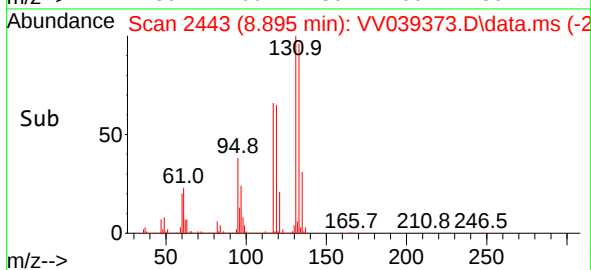
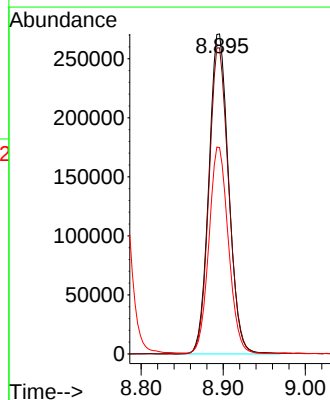
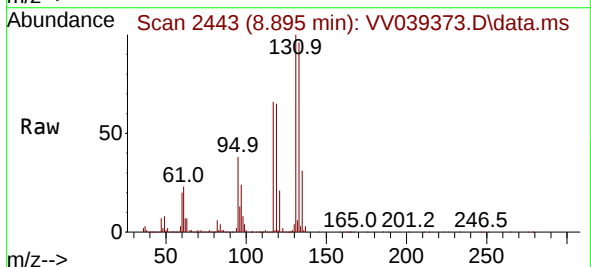
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

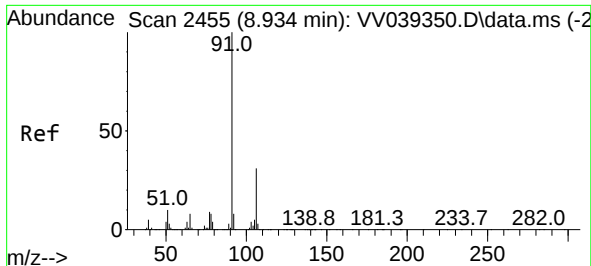
Tgt Ion:112 Resp: 1092691
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.793 ug/l
RT: 8.895 min Scan# 2443
Delta R.T. 0.003 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion:131 Resp: 453388
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.8
119 63.4 31.6 94.8

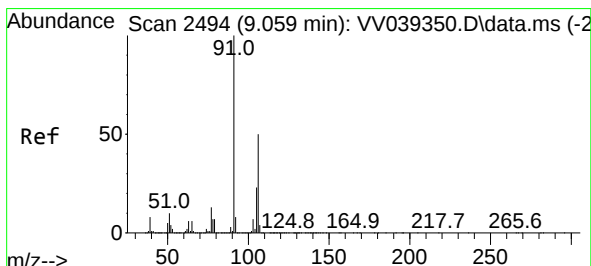
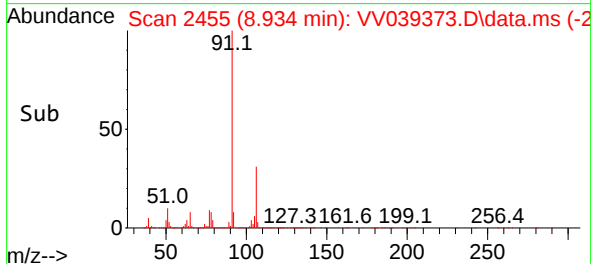
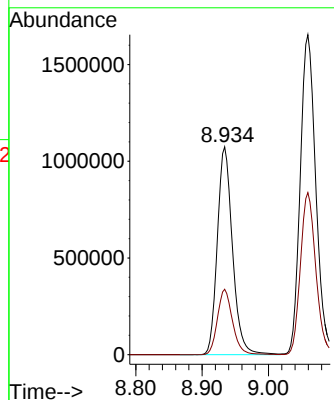
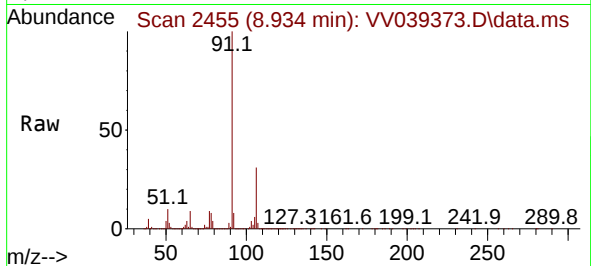




#67
Ethyl Benzene
Concen: 54.059 ug/l
RT: 8.934 min Scan# 2455
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

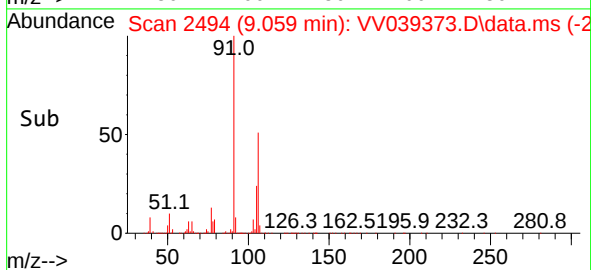
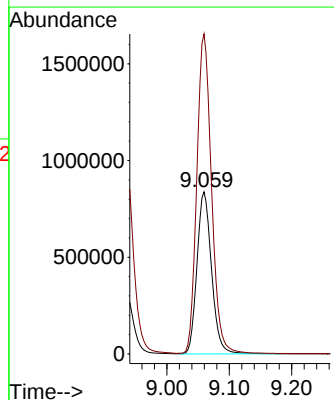
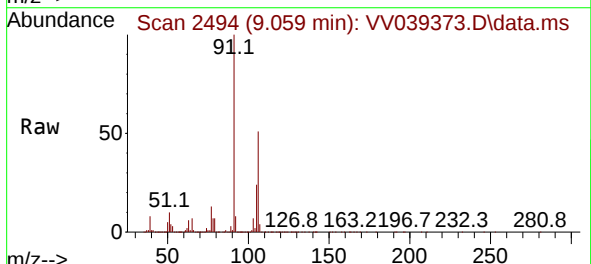
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

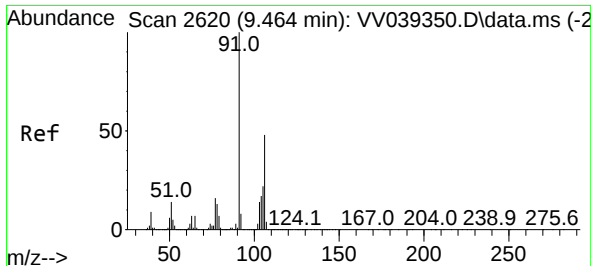
Tgt Ion: 91 Resp: 1706341
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3



#68
m/p-Xylenes
Concen: 113.920 ug/l
RT: 9.059 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion:106 Resp: 1357942
Ion Ratio Lower Upper
106 100
91 198.9 161.5 242.3

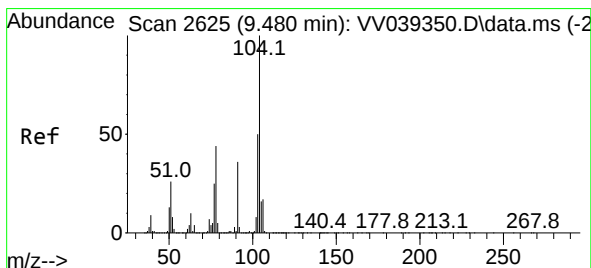
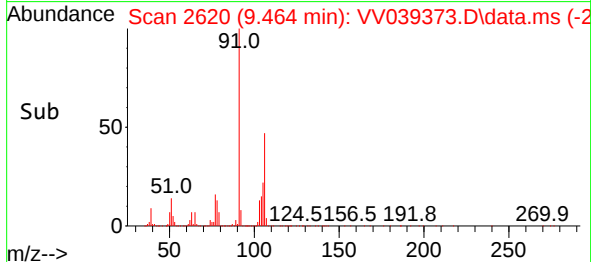
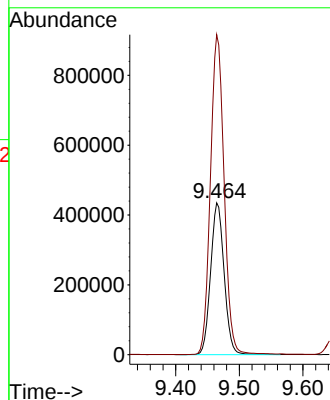
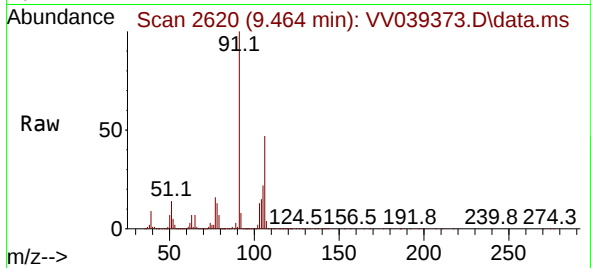




#69
o-Xylene
Concen: 56.833 ug/l
RT: 9.464 min Scan# 2620
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

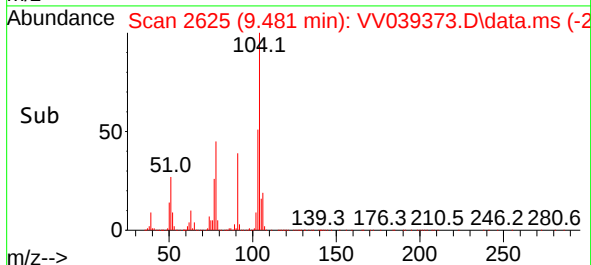
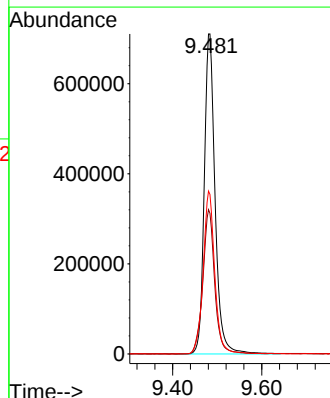
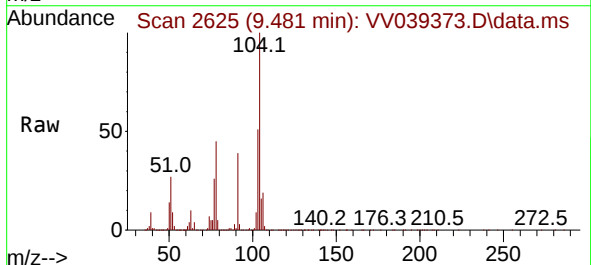
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

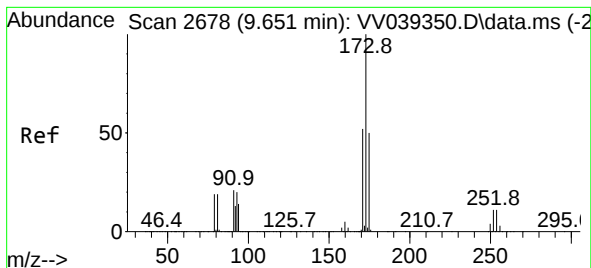
Tgt Ion:106 Resp: 640953
Ion Ratio Lower Upper
106 100
91 213.5 105.9 317.7



#70
Styrene
Concen: 59.409 ug/l
RT: 9.481 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion:104 Resp: 1197759
Ion Ratio Lower Upper
104 100
78 49.2 39.0 58.4
103 54.4 43.4 65.2





#71

Bromoform

Concen: 51.350 ug/l

RT: 9.651 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

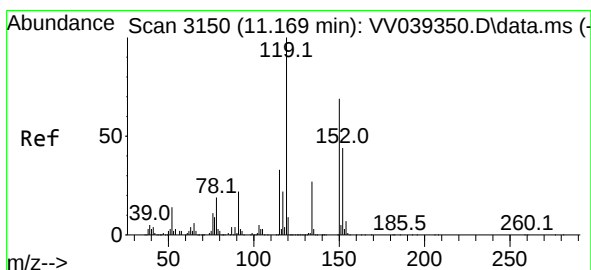
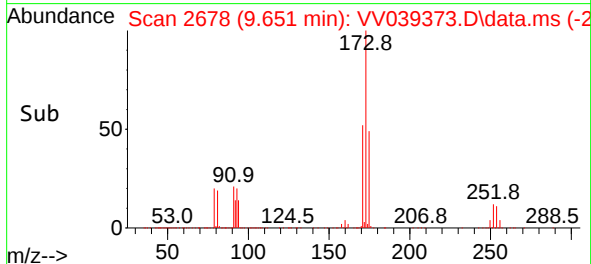
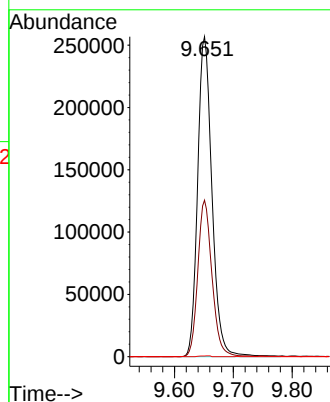
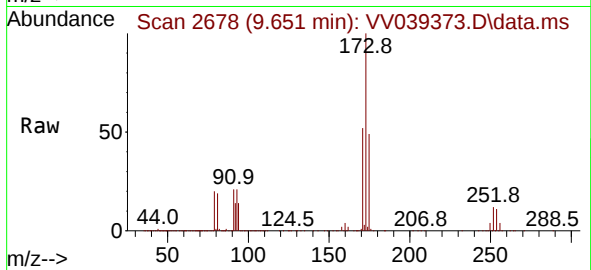
Tgt Ion:173 Resp: 434040

Ion Ratio Lower Upper

173 100

175 48.4 24.5 73.5

254 0.2 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

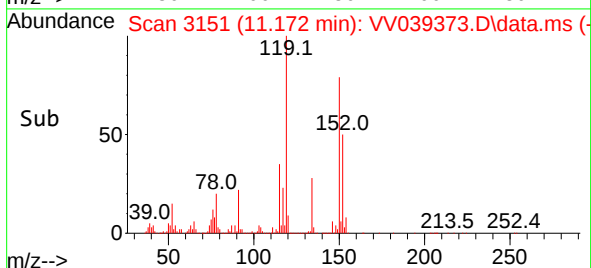
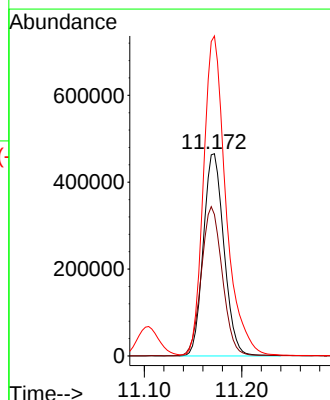
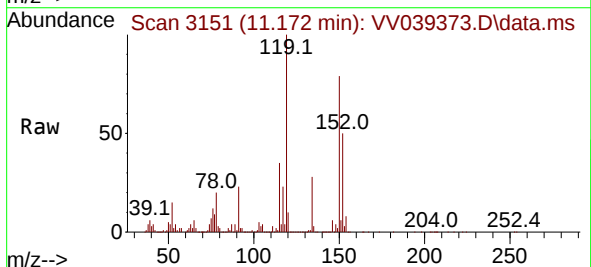
Tgt Ion:152 Resp: 684381

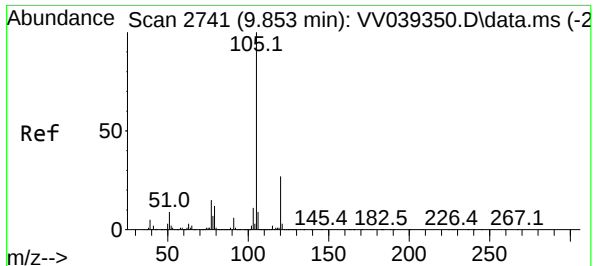
Ion Ratio Lower Upper

152 100

115 75.2 37.3 111.9

150 172.4 0.0 340.4

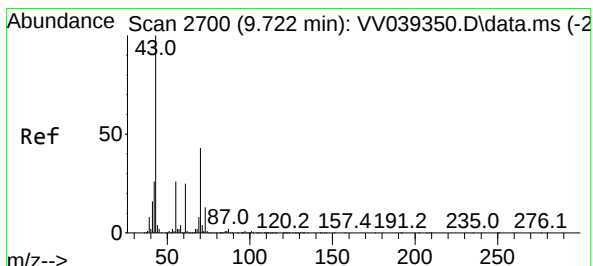
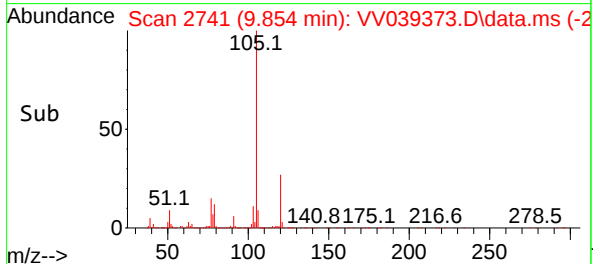
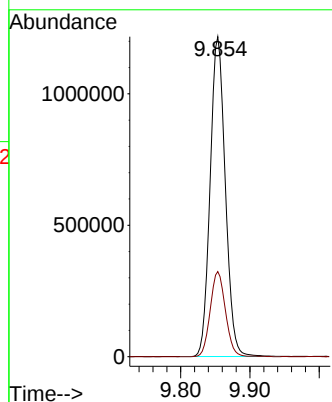
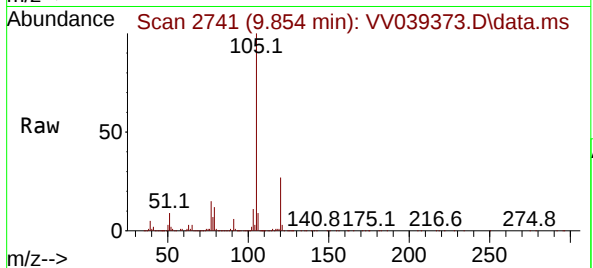




#73
Isopropylbenzene
Concen: 55.208 ug/l
RT: 9.854 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

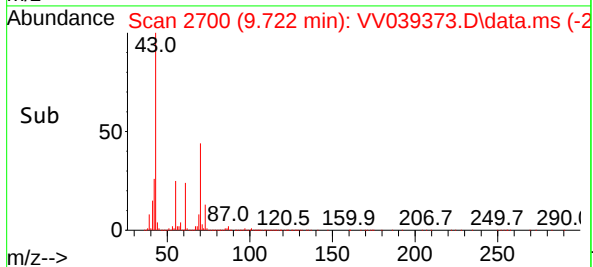
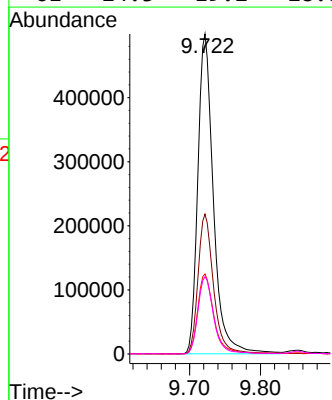
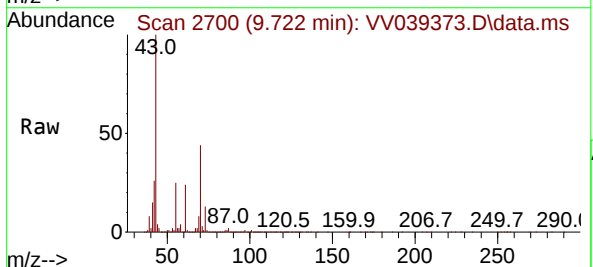
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

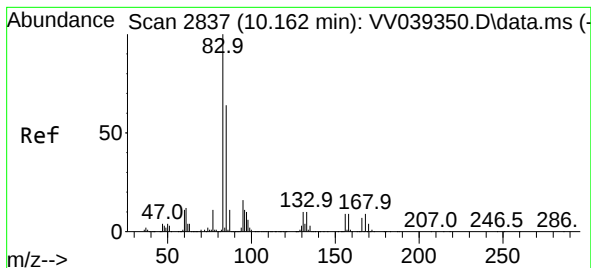
Tgt Ion:105 Resp: 1844970
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1



#74
N-ethyl acetate
Concen: 58.171 ug/l
RT: 9.722 min Scan# 2700
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 43 Resp: 761732
Ion Ratio Lower Upper
43 100
70 43.8 34.6 51.8
55 25.8 21.0 31.6
61 24.3 19.2 28.8

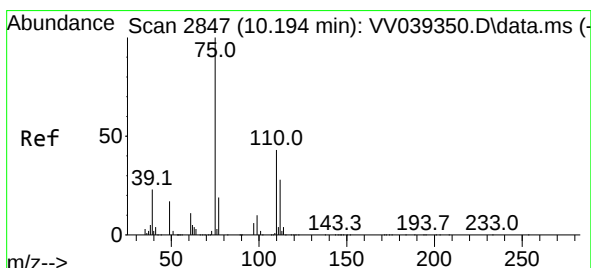
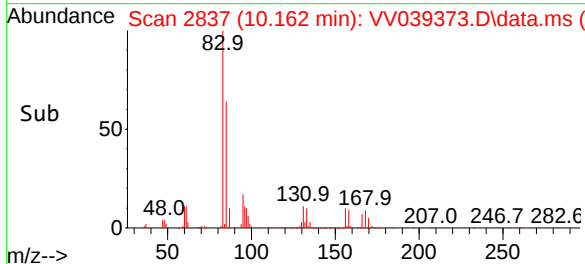
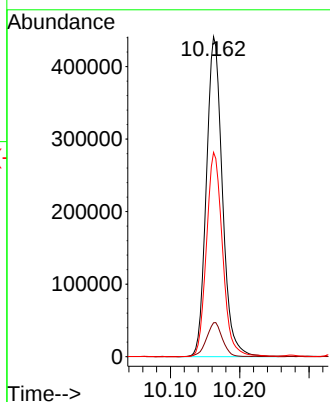
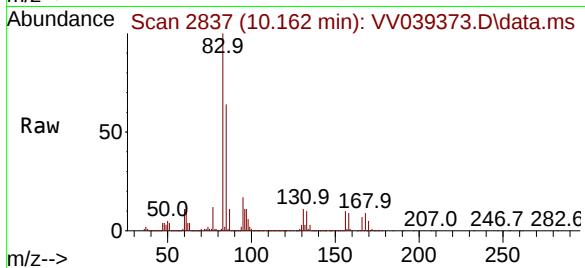




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.593 ug/l
 RT: 10.162 min Scan# 2837
 Delta R.T. 0.000 min
 Lab File: VV039373.D
 Acq: 12 Nov 2025 14:56

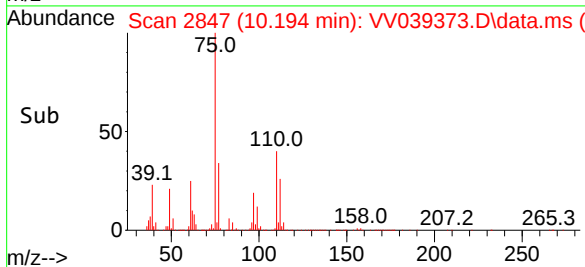
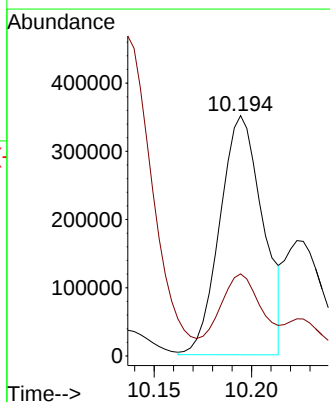
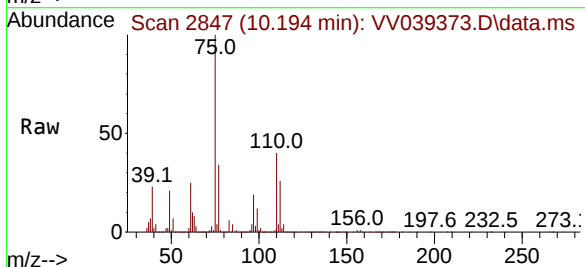
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050EC

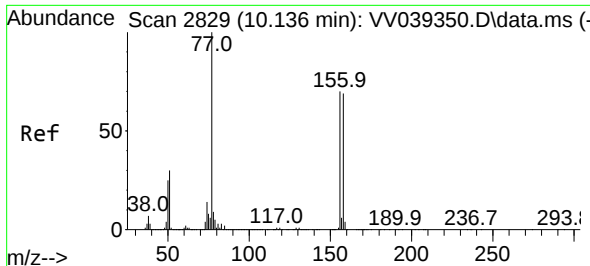
Tgt Ion: 83 Resp: 707282
 Ion Ratio Lower Upper
 83 100
 131 10.7 5.4 16.2
 85 64.2 32.0 96.2



#76
 1,2,3-Trichloropropane
 Concen: 50.781 ug/l
 RT: 10.194 min Scan# 2847
 Delta R.T. 0.000 min
 Lab File: VV039373.D
 Acq: 12 Nov 2025 14:56

Tgt Ion: 75 Resp: 539431
 Ion Ratio Lower Upper
 75 100
 77 22.9 11.8 35.3

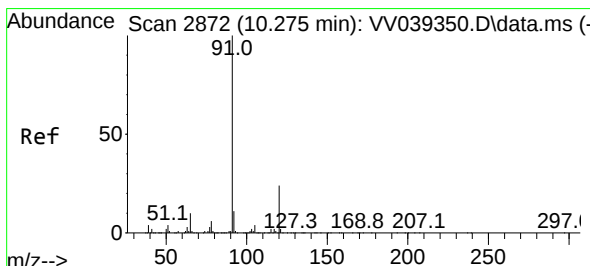
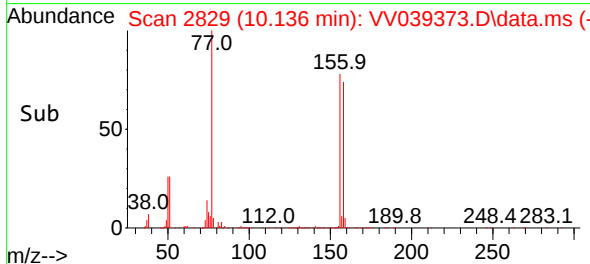
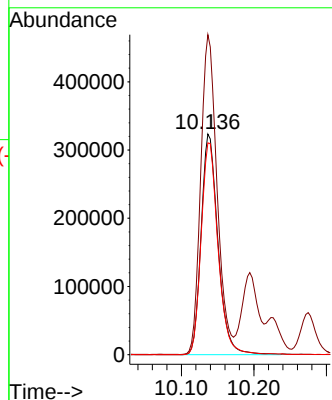
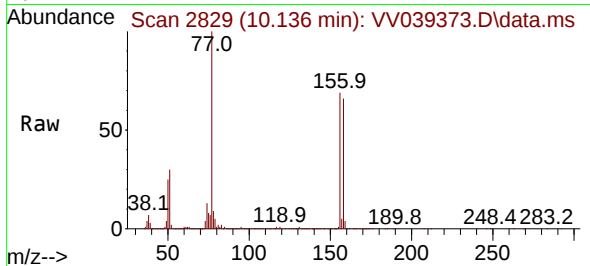




#77
Bromobenzene
Concen: 50.630 ug/l
RT: 10.136 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

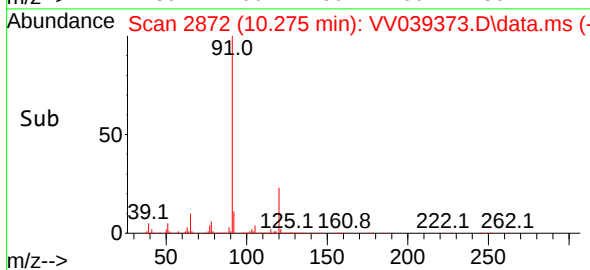
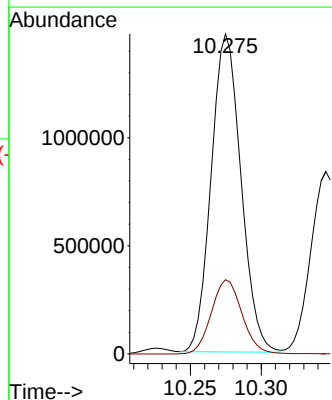
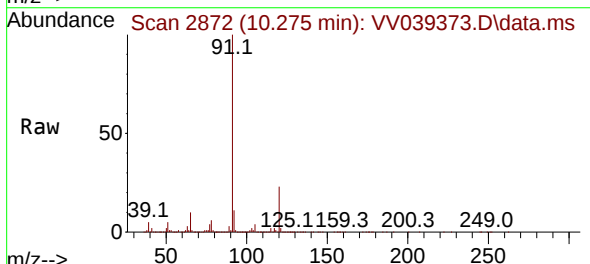
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

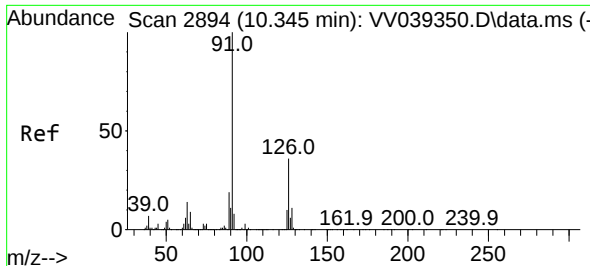
Tgt Ion:156 Resp: 522245
Ion Ratio Lower Upper
156 100
77 140.5 70.3 210.9
158 96.4 49.4 148.0



#78
n-propylbenzene
Concen: 56.101 ug/l
RT: 10.275 min Scan# 2872
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 91 Resp: 2147735
Ion Ratio Lower Upper
91 100
120 24.1 12.0 36.0

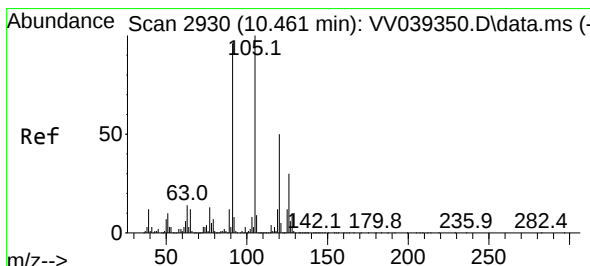
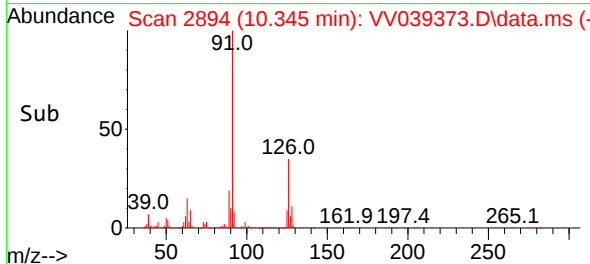
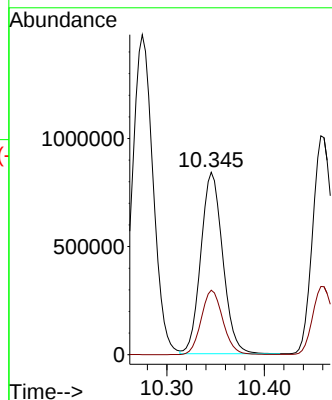
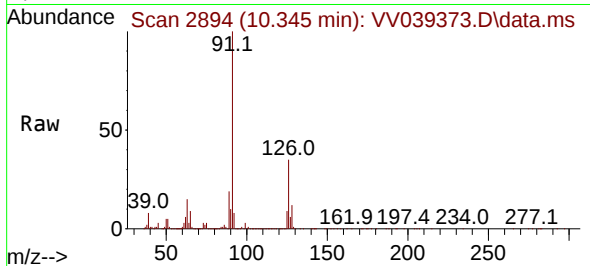




#79
2-Chlorotoluene
Concen: 53.450 ug/l
RT: 10.345 min Scan# 2894
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

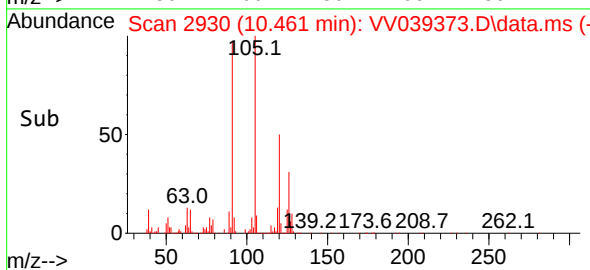
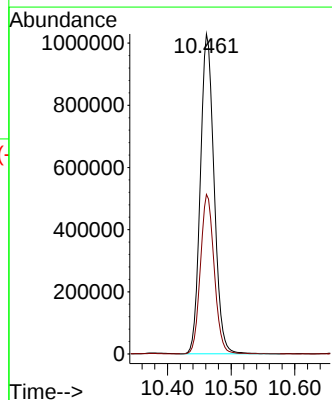
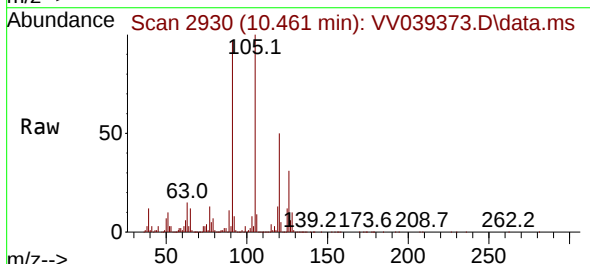
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

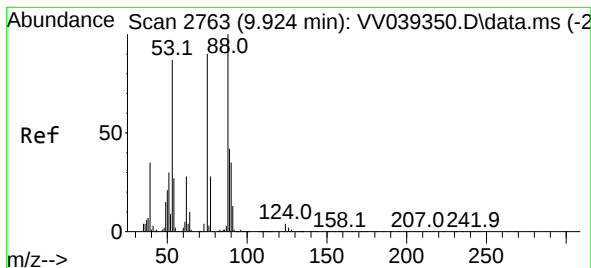
Tgt Ion: 91 Resp: 1309809
Ion Ratio Lower Upper
91 100
126 35.1 17.6 52.8



#80
1,3,5-Trimethylbenzene
Concen: 56.513 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 105 Resp: 1544075
Ion Ratio Lower Upper
105 100
120 49.9 25.1 75.4

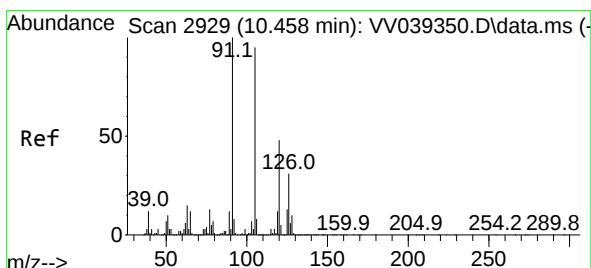
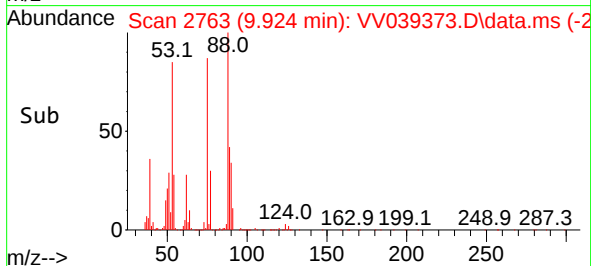
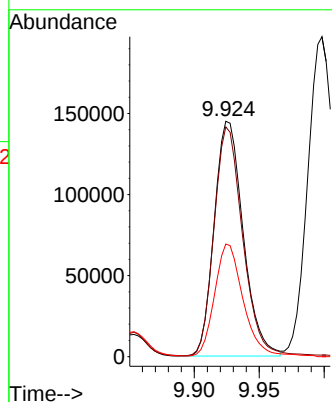
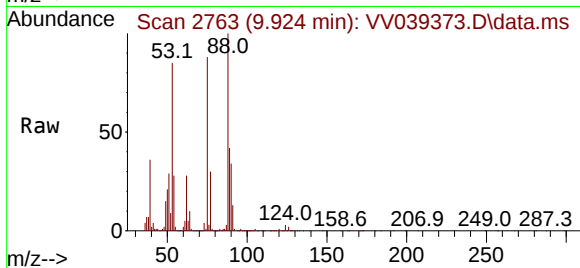




#81
trans-1,4-Dichloro-2-butene
Concen: 56.630 ug/l
RT: 9.924 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

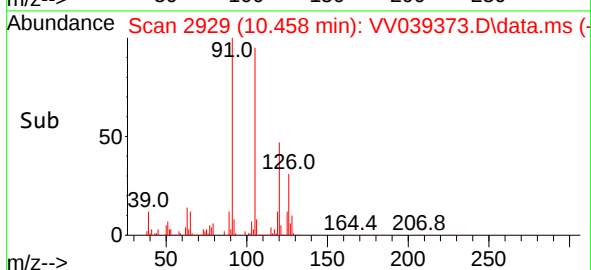
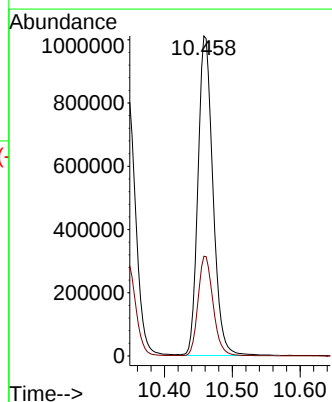
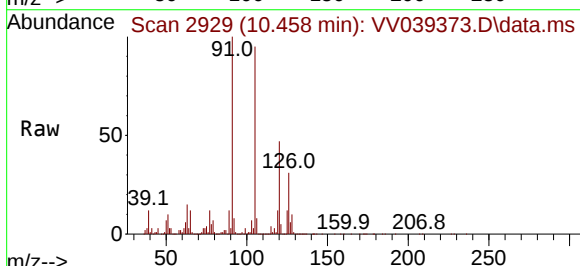
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

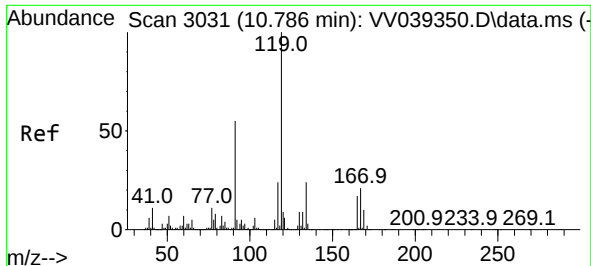
Tgt Ion: 75 Resp: 224410
Ion Ratio Lower Upper
75 100
53 96.5 79.0 118.6
89 47.7 40.4 60.6



#82
4-Chlorotoluene
Concen: 56.481 ug/l
RT: 10.458 min Scan# 2929
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion: 91 Resp: 1547416
Ion Ratio Lower Upper
91 100
126 31.1 15.3 45.9

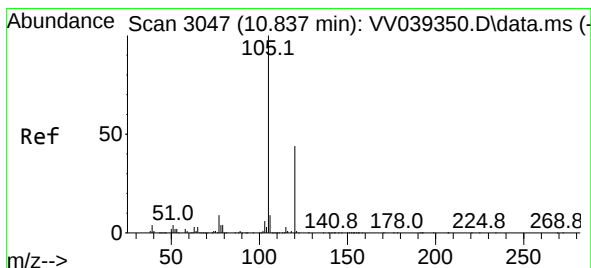
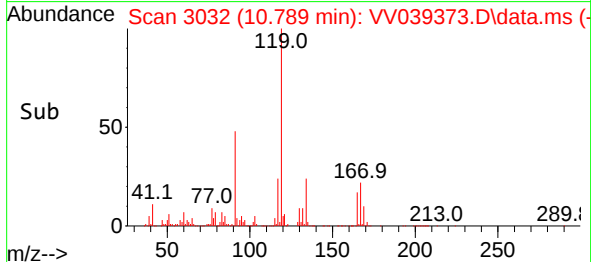
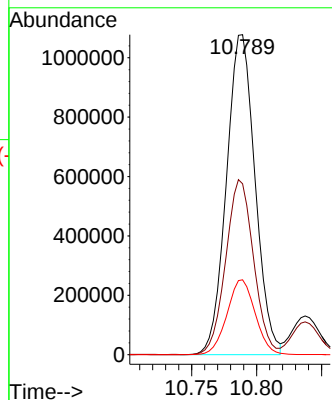
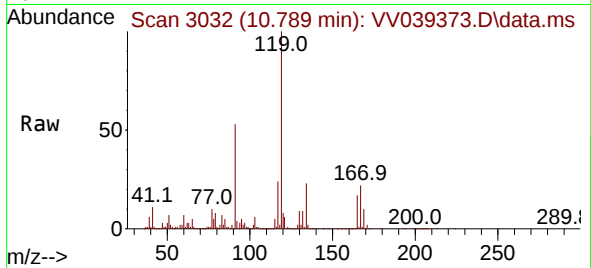




#83
tert-Butylbenzene
Concen: 55.141 ug/l
RT: 10.789 min Scan# 3031
Delta R.T. 0.003 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

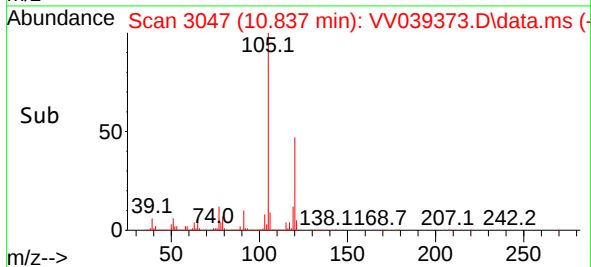
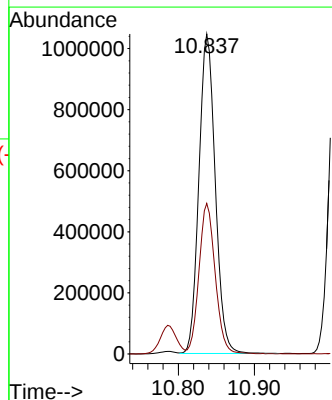
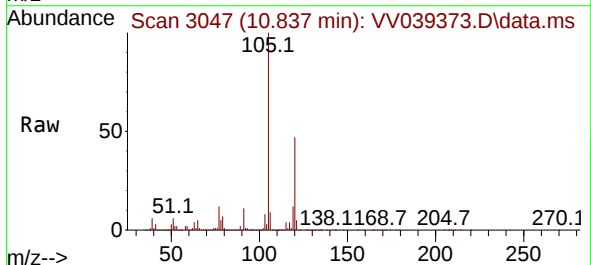
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050EC

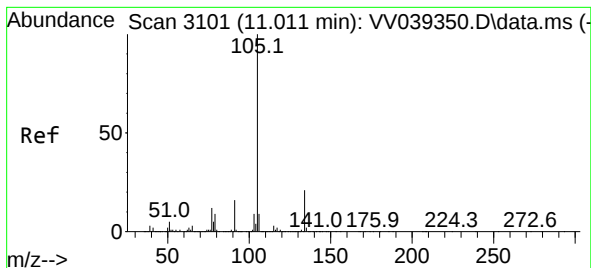
Tgt Ion:119 Resp: 1656048
Ion Ratio Lower Upper
119 100
91 53.0 26.5 79.5
134 23.1 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 58.533 ug/l
RT: 10.837 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VV039373.D
Acq: 12 Nov 2025 14:56

Tgt Ion:105 Resp: 1557828
Ion Ratio Lower Upper
105 100
120 46.7 23.0 69.0





#85

sec-Butylbenzene

Concen: 56.693 ug/l

RT: 11.011 min Scan# 3101

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

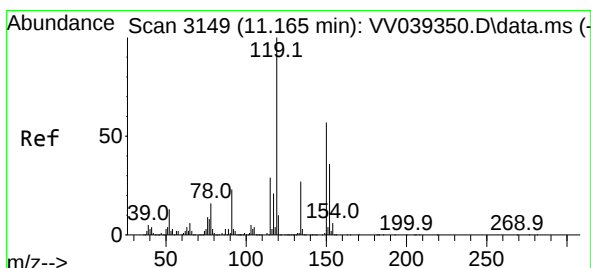
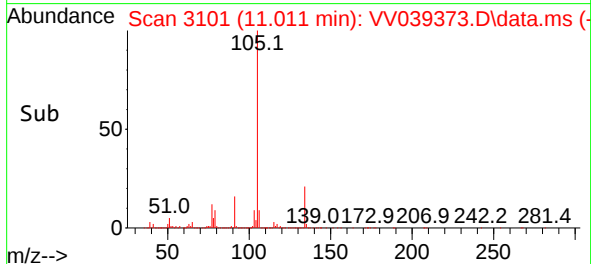
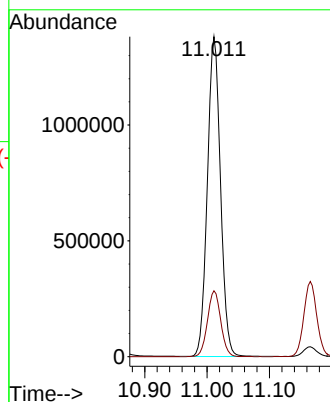
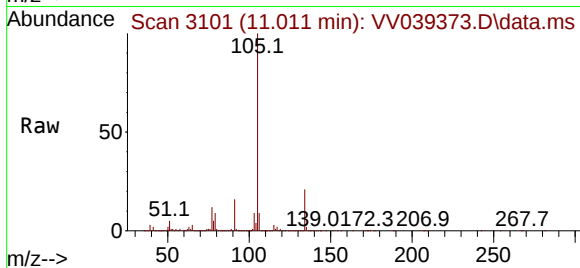
VSTDCCC050EC

Tgt Ion:105 Resp: 2018969

Ion Ratio Lower Upper

105 100

134 20.9 10.5 31.6



#86

p-Isopropyltoluene

Concen: 56.585 ug/l

RT: 11.165 min Scan# 3149

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

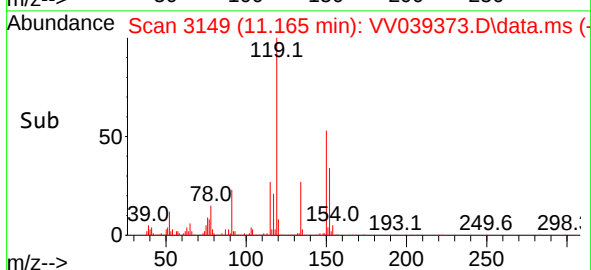
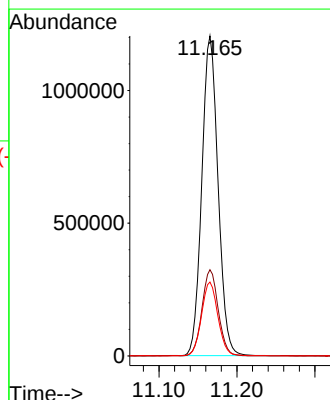
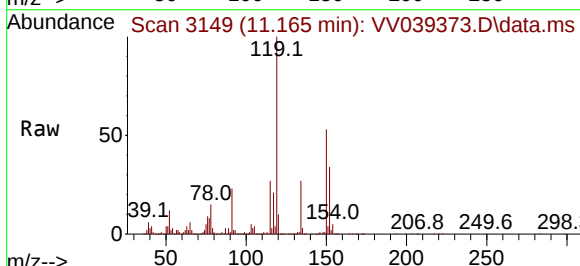
Tgt Ion:119 Resp: 1738806

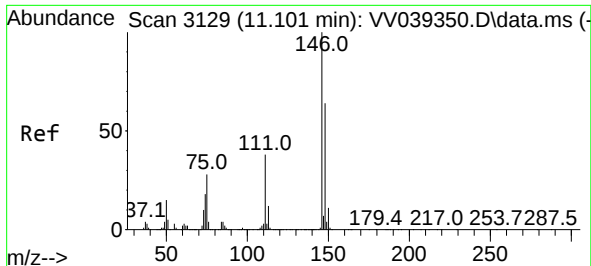
Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.2

91 23.3 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 50.707 ug/l

RT: 11.101 min Scan# 3129

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

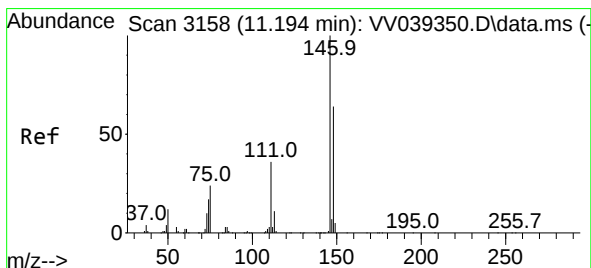
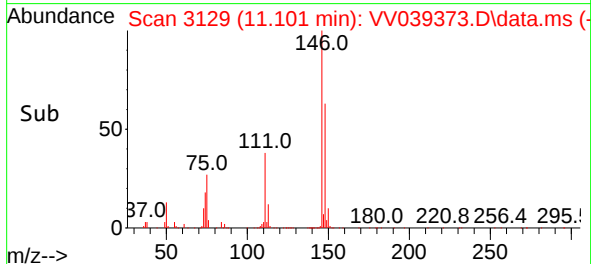
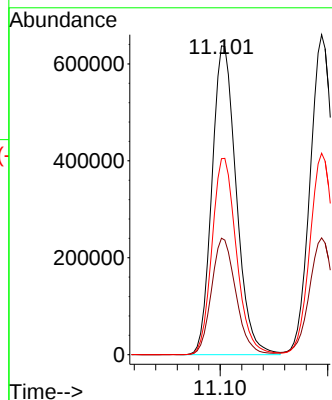
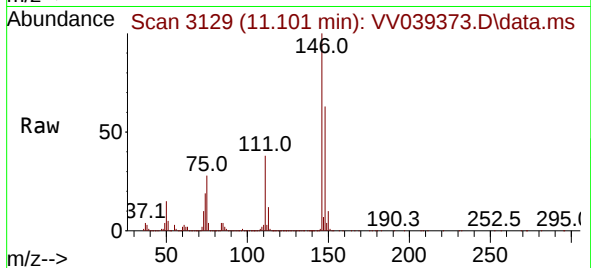
Tgt Ion:146 Resp: 1003187

Ion Ratio Lower Upper

146 100

111 37.5 18.8 56.4

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.371 ug/l

RT: 11.194 min Scan# 3158

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

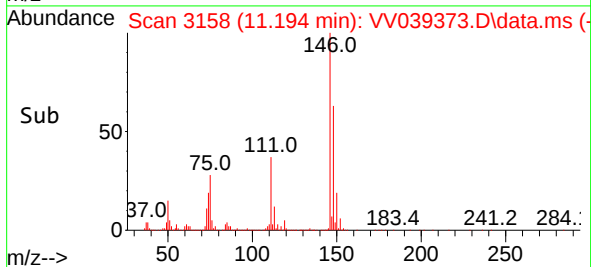
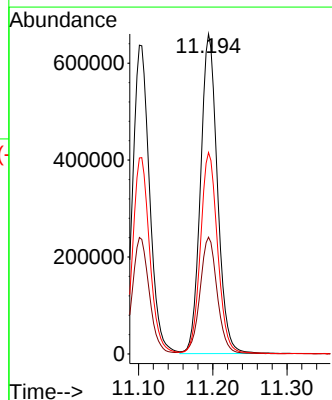
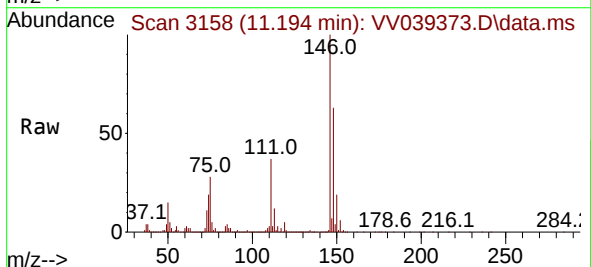
Tgt Ion:146 Resp: 1043400

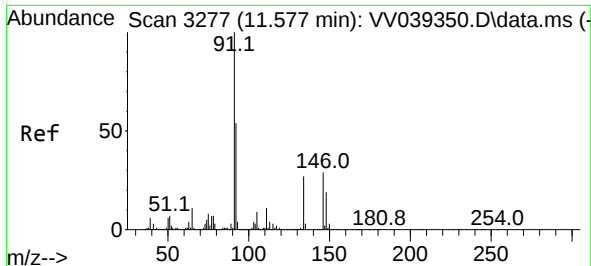
Ion Ratio Lower Upper

146 100

111 37.2 18.6 55.8

148 64.1 32.0 96.2





#89

n-Butylbenzene

Concen: 57.797 ug/l

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

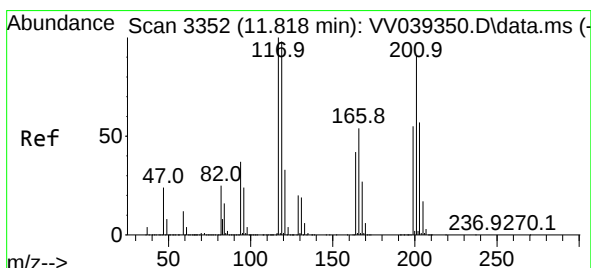
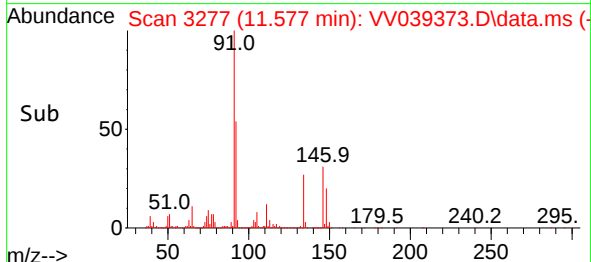
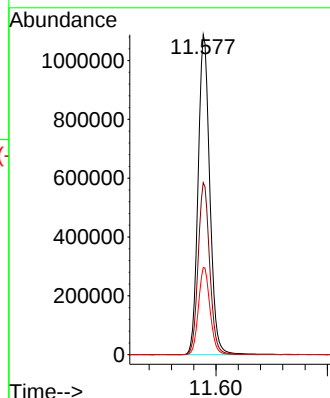
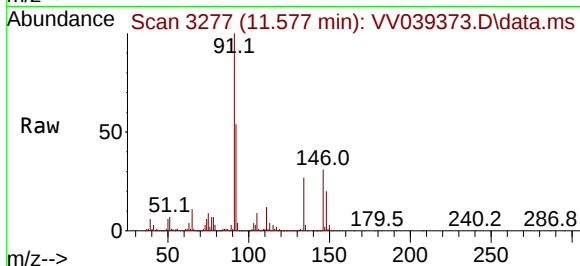
MSVOA_V

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 1583774

Ion	Ratio	Lower	Upper
91	100		
92	53.3	26.9	80.7
134	27.0	13.5	40.5



#90

Hexachloroethane

Concen: 47.174 ug/l

RT: 11.818 min Scan# 3352

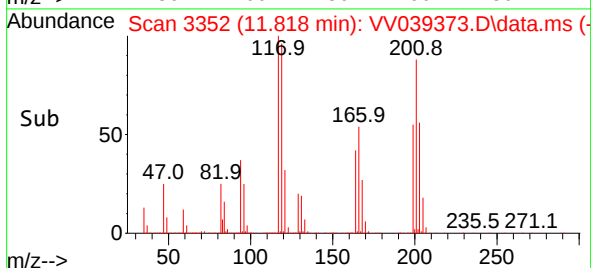
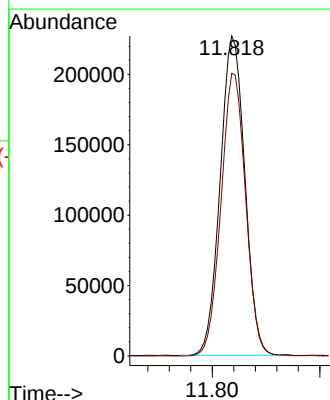
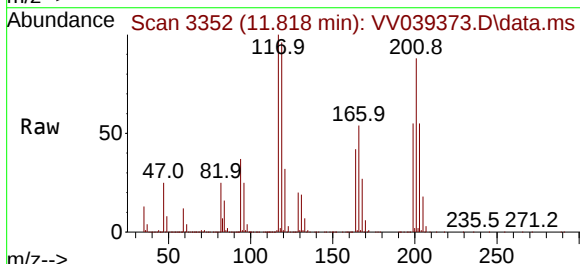
Delta R.T. 0.000 min

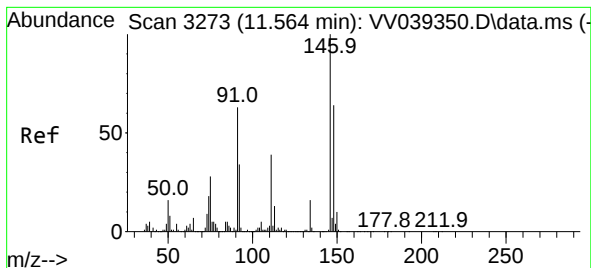
Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Tgt Ion: 117 Resp: 361280

Ion	Ratio	Lower	Upper
117	100		
201	88.5	45.3	135.8





#91

1,2-Dichlorobenzene

Concen: 50.290 ug/l

RT: 11.564 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

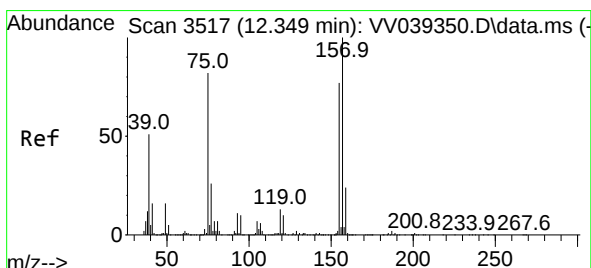
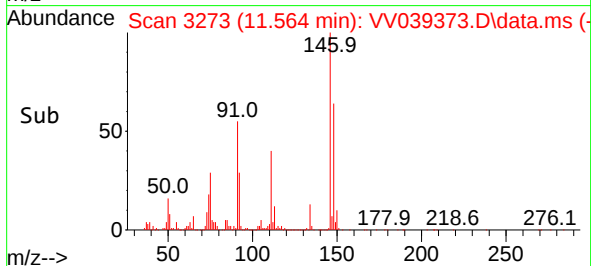
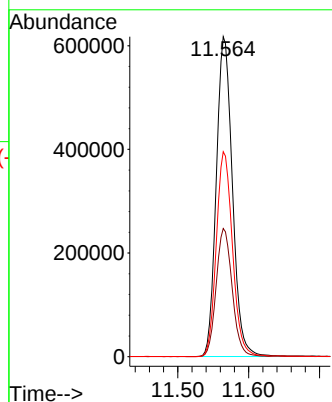
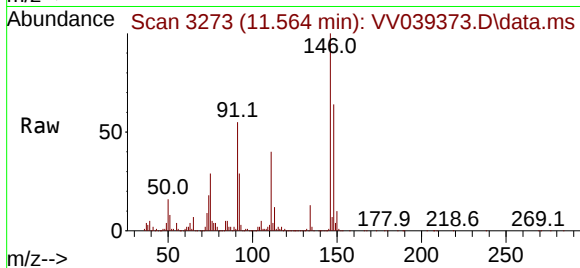
Tgt Ion:146 Resp: 973689

Ion Ratio Lower Upper

146 100

111 39.7 19.5 58.5

148 64.5 32.0 96.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.567 ug/l

RT: 12.349 min Scan# 3517

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

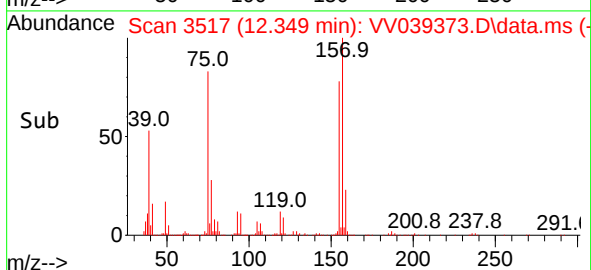
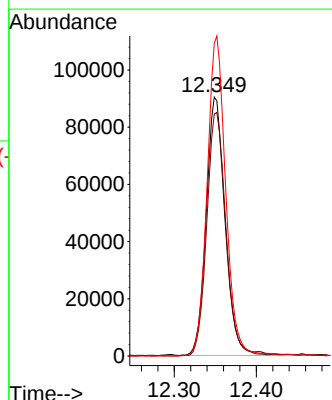
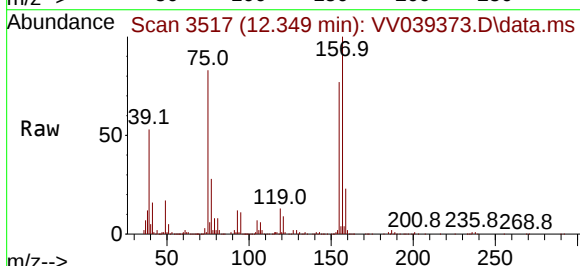
Tgt Ion: 75 Resp: 145328

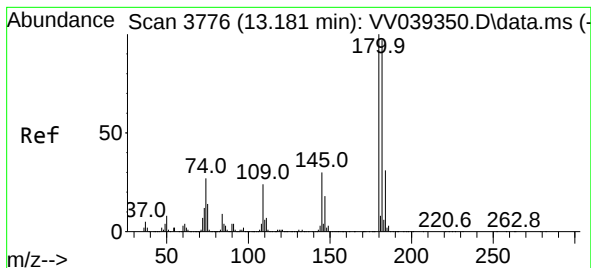
Ion Ratio Lower Upper

75 100

155 95.3 47.0 141.2

157 121.0 61.3 183.9





#93

1,2,4-Trichlorobenzene

Concen: 57.563 ug/l

RT: 13.185 min Scan# 3776

Delta R.T. 0.003 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

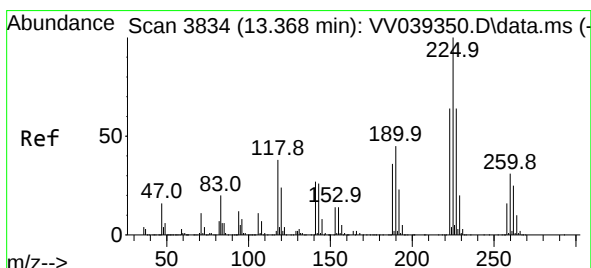
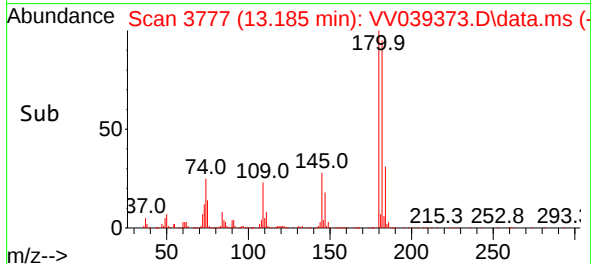
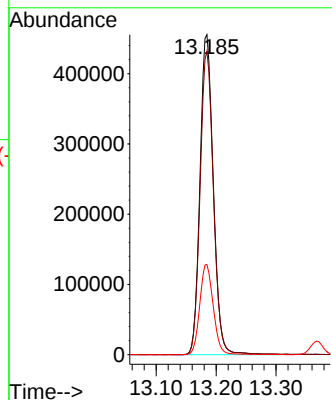
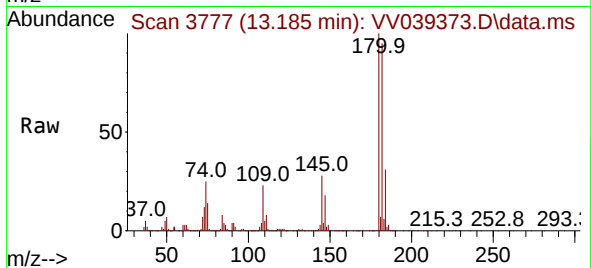
Tgt Ion:180 Resp: 707100

Ion Ratio Lower Upper

180 100

182 94.7 48.5 145.5

145 28.5 14.6 43.8



#94

Hexachlorobutadiene

Concen: 50.278 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

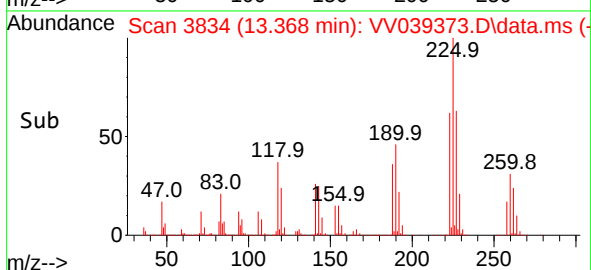
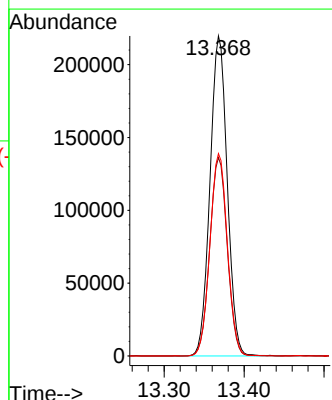
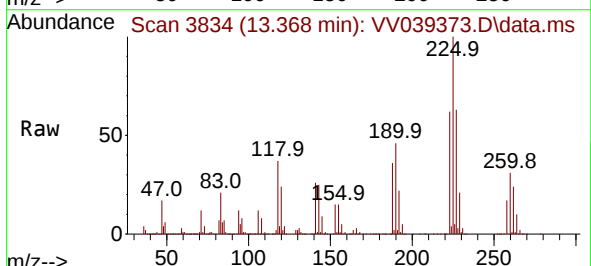
Tgt Ion:225 Resp: 329430

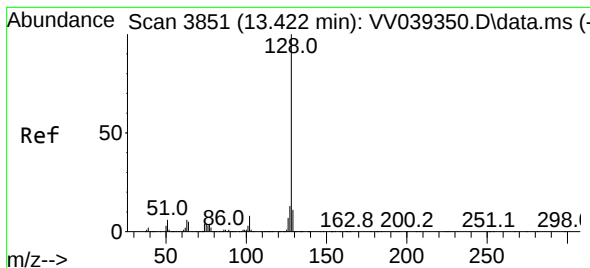
Ion Ratio Lower Upper

225 100

223 62.7 31.1 93.5

227 64.2 31.7 95.1





#95

Naphthalene

Concen: 62.474 ug/l

RT: 13.423 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050EC

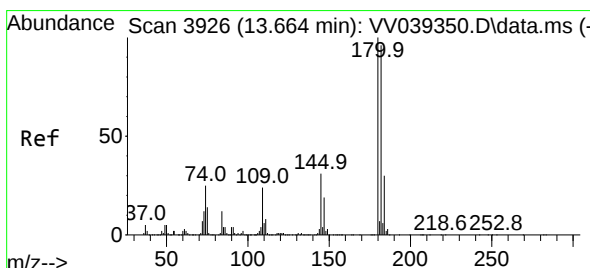
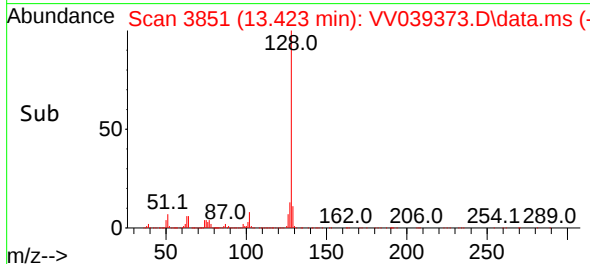
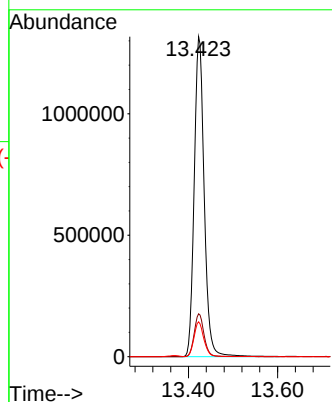
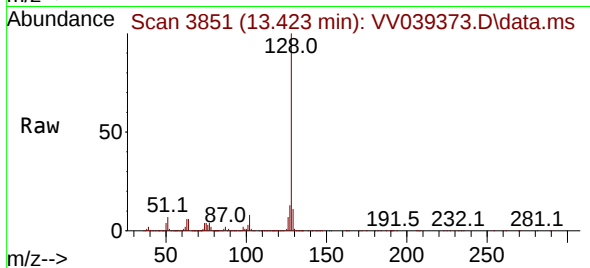
Tgt Ion:128 Resp: 2056696

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.7 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 56.762 ug/l

RT: 13.664 min Scan# 3926

Delta R.T. 0.000 min

Lab File: VV039373.D

Acq: 12 Nov 2025 14:56

Tgt Ion:180 Resp: 719340

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.6

145 30.7 15.3 45.9

