

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV071625\
 Data File : VV038901.D
 Acq On : 16 Jul 2025 10:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 17 06:11:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V071125W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 06:08:37 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.593	168	453532	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.529	114	736281	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	687254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	409793	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.937	65	246273	44.443	ug/l	0.00
Spiked Amount	50.000	Range	81 - 118	Recovery	=	88.880%
35) Dibromofluoromethane	4.497	113	233130	46.441	ug/l	0.00
Spiked Amount	50.000	Range	80 - 119	Recovery	=	92.880%
50) Toluene-d8	7.233	98	675690	44.530	ug/l	0.00
Spiked Amount	50.000	Range	89 - 112	Recovery	=	89.060%
62) 4-Bromofluorobenzene	10.001	95	305457	49.972	ug/l	0.00
Spiked Amount	50.000	Range	85 - 114	Recovery	=	99.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.121	85	171002	42.911	ug/l	97
3) Chloromethane	1.230	50	174317	40.508	ug/l	99
4) Vinyl Chloride	1.294	62	220386	44.746	ug/l	98
5) Bromomethane	1.487	94	158751	42.988	ug/l	94
6) Chloroethane	1.555	64	156921	47.667	ug/l	97
7) Trichlorofluoromethane	1.722	101	412405	47.324	ug/l	99
8) Diethyl Ether	1.915	74	161558	51.553	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.079	101	259577	49.816	ug/l	98
10) Methyl Iodide	2.195	142	299351	50.039	ug/l	98
11) Tert butyl alcohol	2.568	59	359590	281.862	ug/l	98
12) 1,1-Dichloroethene	2.079	96	216092	45.513	ug/l	99
13) Acrolein	2.008	56	47549	257.728	ug/l	99
14) Allyl chloride	2.355	41	390450	51.619	ug/l	97
15) Acrylonitrile	2.671	53	869850	266.441	ug/l	100
16) Acetone	2.118	43	697526	290.893	ug/l	99
17) Carbon Disulfide	2.249	76	343627	34.688	ug/l	100
18) Methyl Acetate	2.375	43	507803	62.592	ug/l	99
19) Methyl tert-butyl Ether	2.709	73	949700	53.349	ug/l	99
20) Methylene Chloride	2.452	84	275352	45.264	ug/l	98
21) trans-1,2-Dichloroethene	2.700	96	224712	44.482	ug/l	98
22) Diisopropyl ether	3.211	45	878329	58.113	ug/l	99
23) Vinyl Acetate	3.185	43	3330504	281.033	ug/l	99
24) 1,1-Dichloroethane	3.114	63	504291	50.947	ug/l	99
25) 2-Butanone	3.860	43	1033639	300.746	ug/l	99
26) 2,2-Dichloropropane	3.806	77	450708	52.008	ug/l	99
27) cis-1,2-Dichloroethene	3.815	96	303841	52.378	ug/l	99
28) Bromochloromethane	4.140	49	216015	56.382	ug/l	97
29) Tetrahydrofuran	4.233	42	660621	291.640	ug/l	97
30) Chloroform	4.272	83	550679	50.462	ug/l	98
31) Cyclohexane	4.580	56	289229	44.518	ug/l	97
32) 1,1,1-Trichloroethane	4.510	97	474004	49.783	ug/l	98
36) 1,1-Dichloropropene	4.741	75	295055	51.143	ug/l	98
37) Ethyl Acetate	3.970	43	383908	56.518	ug/l	99
38) Carbon Tetrachloride	4.728	117	379037	49.461	ug/l	98
39) Methylcyclohexane	6.043	83	319504	46.936	ug/l	99
40) Benzene	5.005	78	999196	51.090	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.153	41	192013	61.594	ug/l	97
42) 1,2-Dichloroethane	5.034	62	374786	50.275	ug/l	99
43) Isopropyl Acetate	5.188	43	607572	56.557	ug/l	99
44) Trichloroethene	5.828	130	247031	48.337	ug/l	95
45) 1,2-Dichloropropane	6.085	63	273573	52.954	ug/l	99
46) Dibromomethane	6.220	93	200385	50.131	ug/l	99
47) Bromodichloromethane	6.423	83	452855	53.382	ug/l	98
48) Methyl methacrylate	6.294	41	278280	59.688	ug/l	99
49) 1,4-Dioxane	6.285	88	117109	1165.836	ug/l	99
51) 4-Methyl-2-Pentanone	7.146	43	2182679	298.388	ug/l	99
52) Toluene	7.307	92	650909	52.831	ug/l	100
53) t-1,3-Dichloropropene	7.571	75	428454	55.817	ug/l	97
54) cis-1,3-Dichloropropene	6.947	75	454619	54.788	ug/l	97
55) 1,1,2-Trichloroethane	7.760	97	310832	52.782	ug/l	98
56) Ethyl methacrylate	7.715	69	438040	62.595	ug/l	97
57) 1,3-Dichloropropane	7.931	76	487476	55.207	ug/l	97
58) 2-Chloroethyl Vinyl ether	6.809	63	1377378	326.144	ug/l	98
59) 2-Hexanone	8.063	43	1616894	296.936	ug/l	100
60) Dibromochloromethane	8.166	129	369614	53.297	ug/l	98
61) 1,2-Dibromoethane	8.272	107	309141	52.107	ug/l	98
64) Tetrachloroethene	7.895	164	210904	46.792	ug/l	98
65) Chlorobenzene	8.802	112	774476	51.575	ug/l	99
66) 1,1,1,2-Tetrachloroethane	8.899	131	308602	51.532	ug/l	100
67) Ethyl Benzene	8.934	91	1282624	57.522	ug/l	99
68) m/p-Xylenes	9.059	106	1020438	117.544	ug/l	100
69) o-Xylene	9.468	106	480119	58.595	ug/l	99
70) Styrene	9.484	104	892564	61.633	ug/l	99
71) Bromoform	9.654	173	269179	55.299	ug/l #	100
73) Isopropylbenzene	9.854	105	1373830	56.108	ug/l	99
74) N-amyl acetate	9.725	43	537407	59.915	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.165	83	526538	51.339	ug/l	100
76) 1,2,3-Trichloropropane	10.198	75	401580	52.707	ug/l	80
77) Bromobenzene	10.140	156	339024	52.783	ug/l	99
78) n-propylbenzene	10.278	91	1656823	57.895	ug/l	99
79) 2-Chlorotoluene	10.345	91	977801	53.726	ug/l	99
80) 1,3,5-Trimethylbenzene	10.464	105	1197347	57.986	ug/l	100
81) trans-1,4-Dichloro-2-b...	9.928	75	175661	56.262	ug/l	97
82) 4-Chlorotoluene	10.461	91	1161567	57.095	ug/l	99
83) tert-Butylbenzene	10.789	119	1226740	56.665	ug/l	100
84) 1,2,4-Trimethylbenzene	10.837	105	1184226	58.285	ug/l	100
85) sec-Butylbenzene	11.011	105	1594186	57.696	ug/l	100
86) p-Isopropyltoluene	11.165	119	1342706	57.236	ug/l	99
87) 1,3-Dichlorobenzene	11.104	146	689824	52.616	ug/l	99
88) 1,4-Dichlorobenzene	11.194	146	711757	49.907	ug/l	99
89) n-Butylbenzene	11.580	91	1293454	60.398	ug/l	100
90) Hexachloroethane	11.821	117	276568	49.568	ug/l	97
91) 1,2-Dichlorobenzene	11.567	146	664041	52.176	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.352	75	118796	51.232	ug/l	96
93) 1,2,4-Trichlorobenzene	13.185	180	443040	58.973	ug/l	100
94) Hexachlorobutadiene	13.368	225	202354	52.304	ug/l	98
95) Naphthalene	13.423	128	1559314	63.173	ug/l	100
96) 1,2,3-Trichlorobenzene	13.667	180	458456	58.875	ug/l	99

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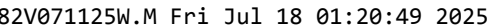
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

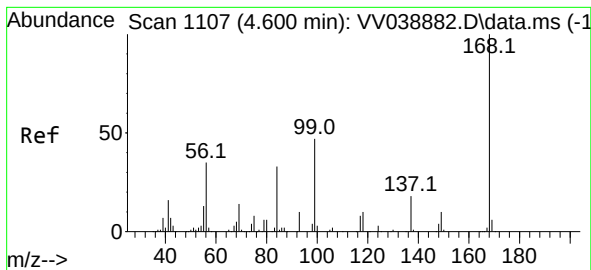
Quant Time: Jul 17 06:11:31 2025
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Quant Title : SW846 8260
QLast Update : Thu Jul 17 06:08:37 2025
Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.593 min Scan# 11

Delta R.T. -0.007 min

Lab File: VV038901.D

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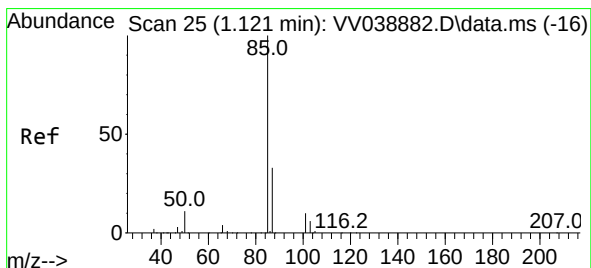
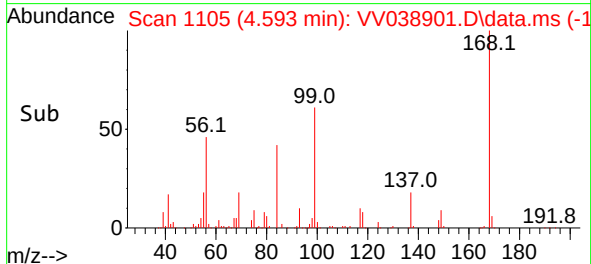
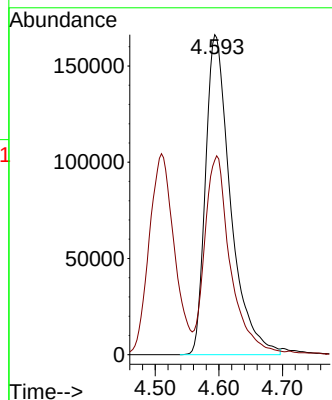
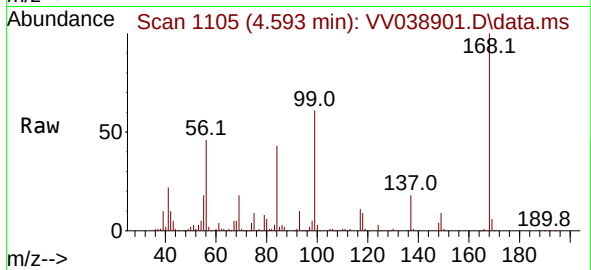
VSTDCCC050

Tgt Ion:168 Resp: 453532

Ion Ratio Lower Upper

168 100

99 59.6 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 42.911 ug/l

RT: 1.121 min Scan# 25

Delta R.T. 0.000 min

Lab File: VV038901.D

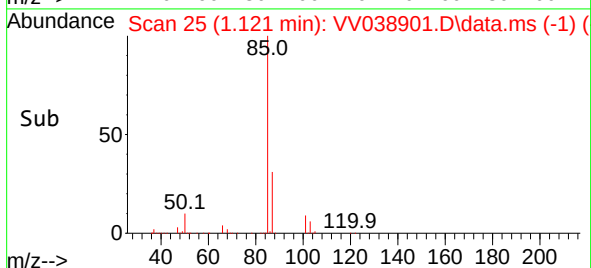
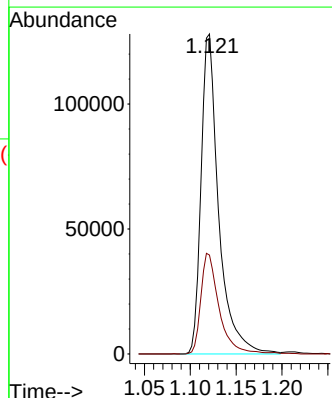
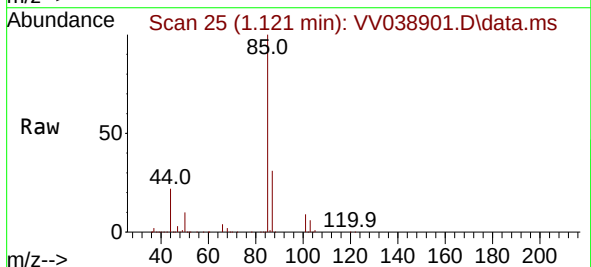
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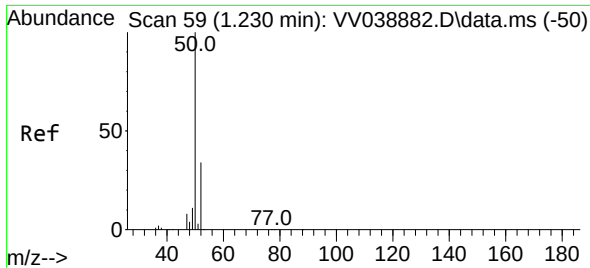
Tgt Ion: 85 Resp: 171002

Ion Ratio Lower Upper

85 100

87 30.9 16.3 48.8

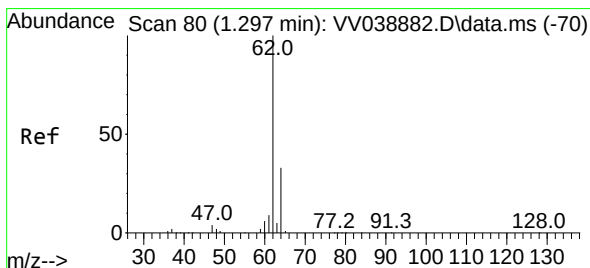
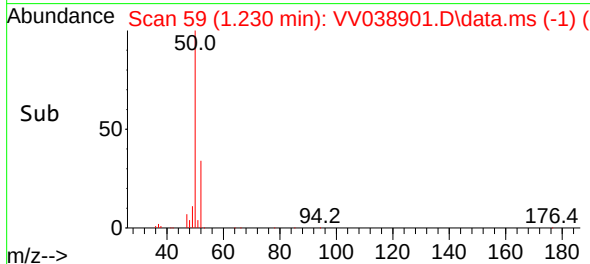
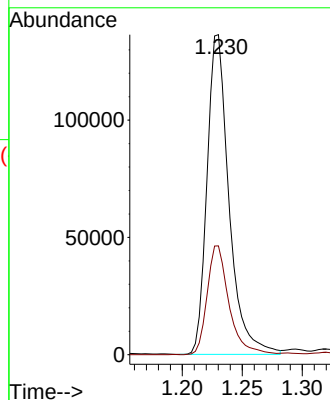
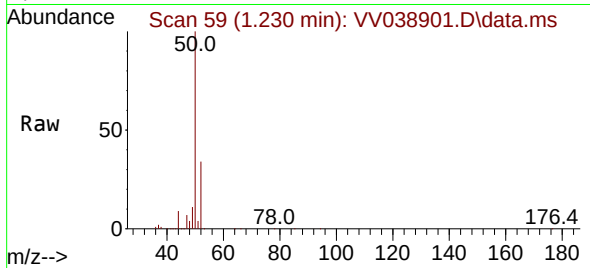




#3
Chloromethane
Concen: 40.508 ug/l
RT: 1.230 min Scan# 59
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

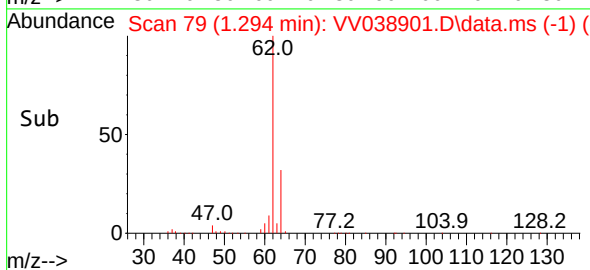
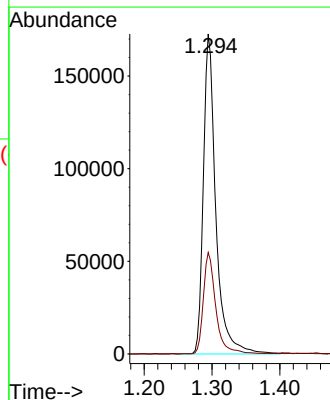
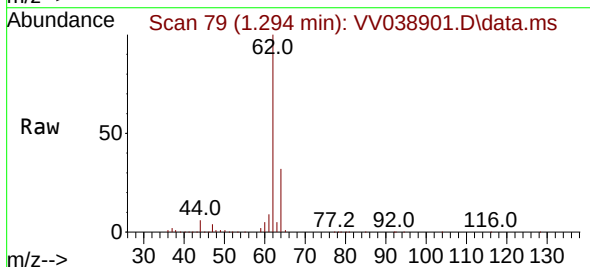
Instrument :
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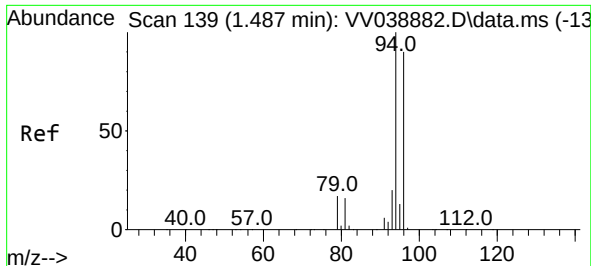
Tgt Ion: 50 Resp: 174317
Ion Ratio Lower Upper
50 100
52 34.0 26.9 40.3



#4
Vinyl Chloride
Concen: 44.746 ug/l
RT: 1.294 min Scan# 79
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 62 Resp: 220386
Ion Ratio Lower Upper
62 100
64 31.6 26.2 39.2

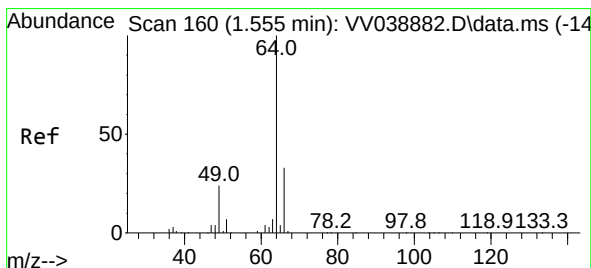
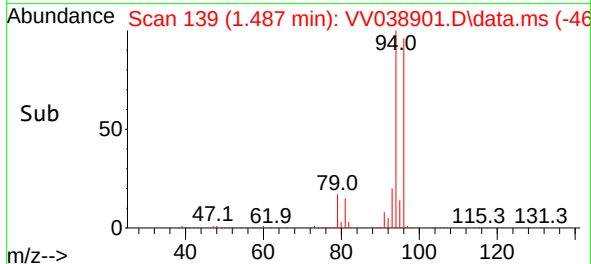
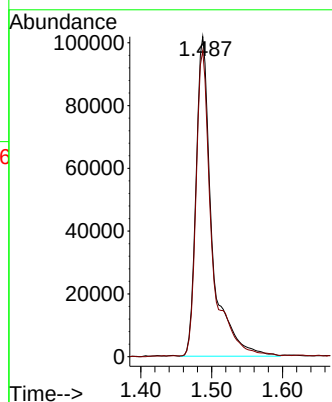
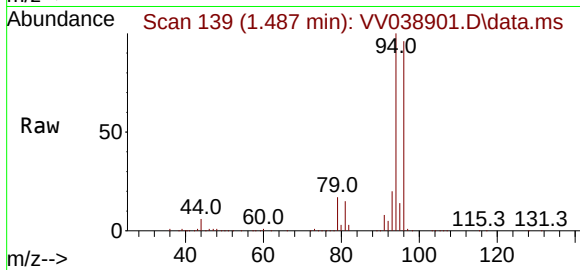




#5
Bromomethane
Concen: 42.988 ug/l
RT: 1.487 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

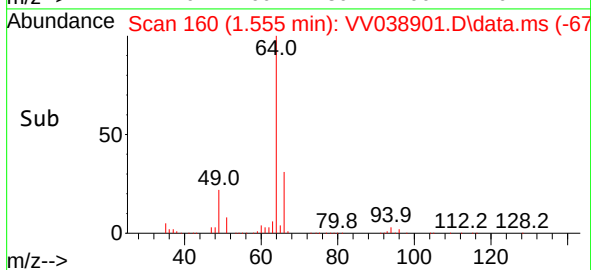
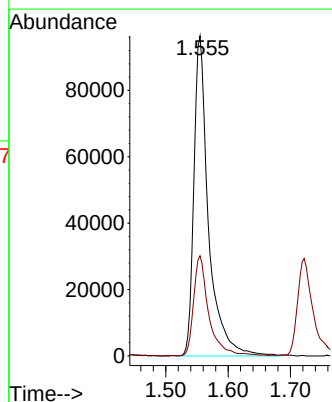
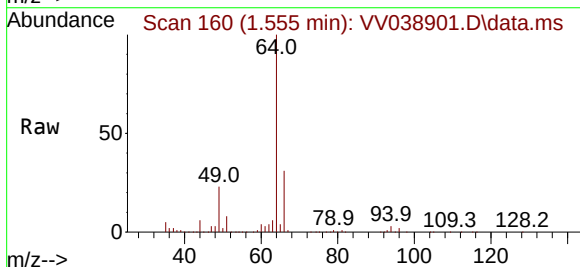
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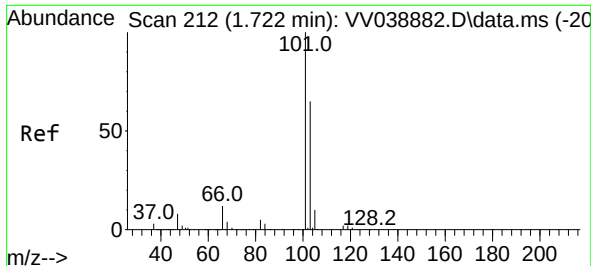
Tgt Ion: 94 Resp: 158751
Ion Ratio Lower Upper
94 100
96 95.6 71.9 107.9



#6
Chloroethane
Concen: 47.667 ug/l
RT: 1.555 min Scan# 160
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 64 Resp: 156921
Ion Ratio Lower Upper
64 100
66 31.2 26.2 39.2

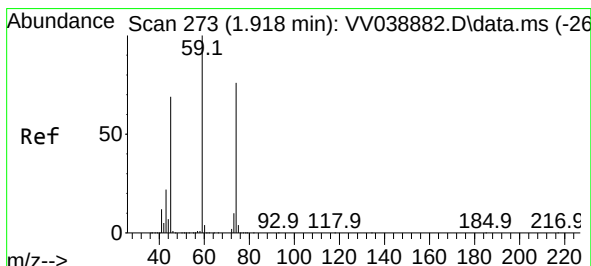
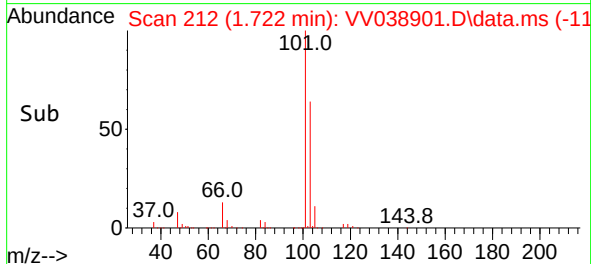
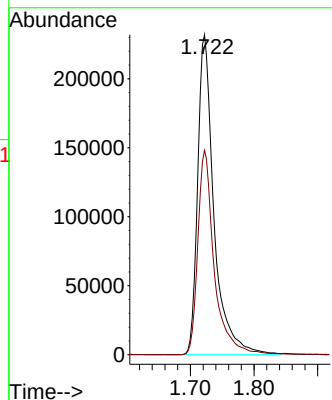
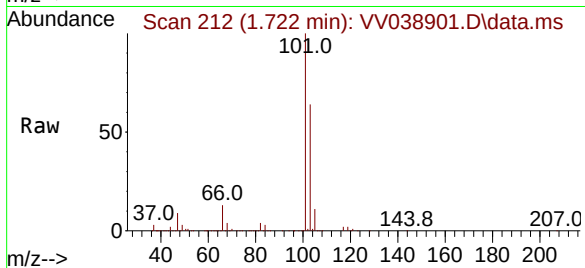




#7
Trichlorofluoromethane
Concen: 47.324 ug/l
RT: 1.722 min Scan# 212
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

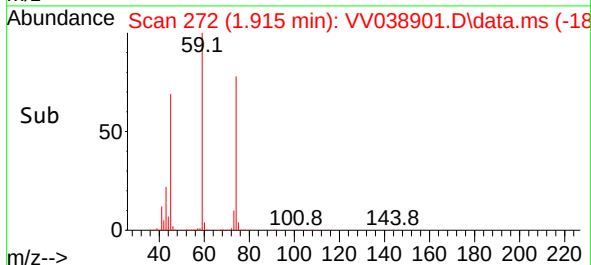
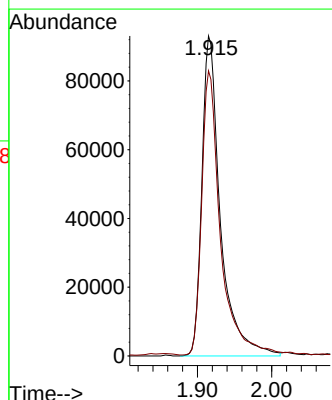
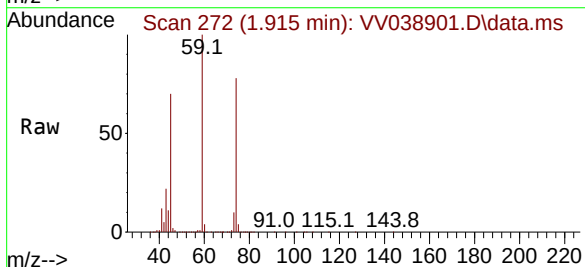
Instrument :
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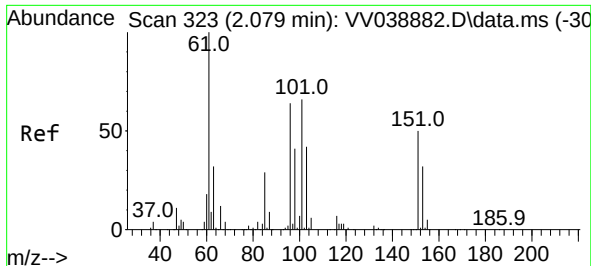
Tgt Ion:101 Resp: 412405
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.6



#8
Diethyl Ether
Concen: 51.553 ug/l
RT: 1.915 min Scan# 272
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 74 Resp: 161558
Ion Ratio Lower Upper
74 100
45 89.7 45.5 136.5

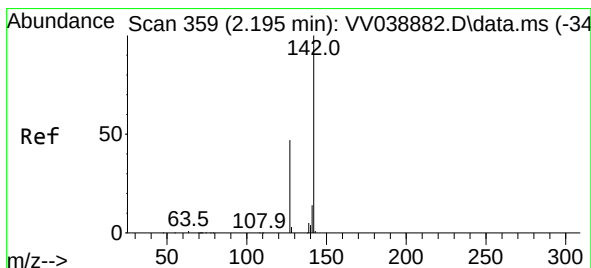
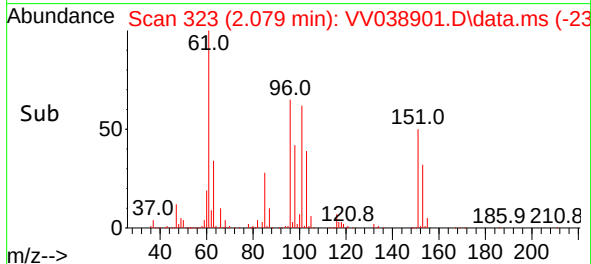
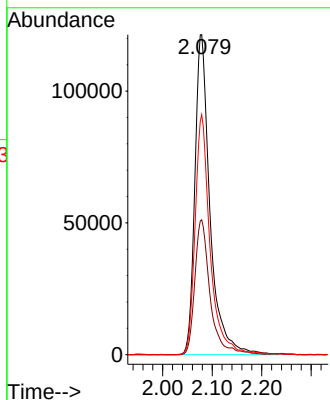
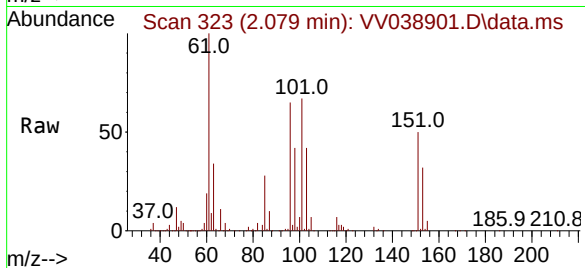




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.816 ug/l
RT: 2.079 min Scan# 31
Delta R.T. 0.000 min
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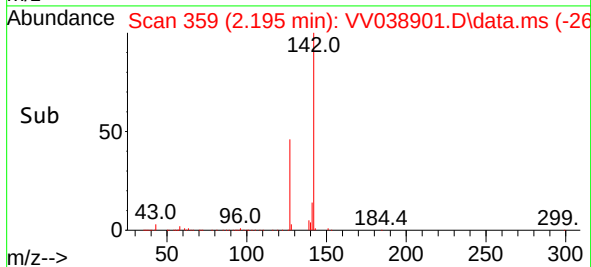
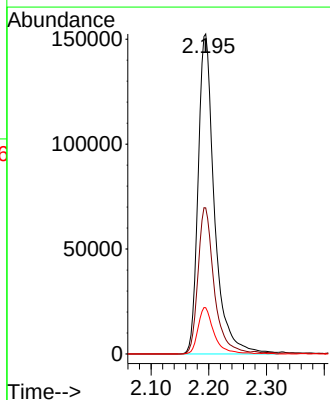
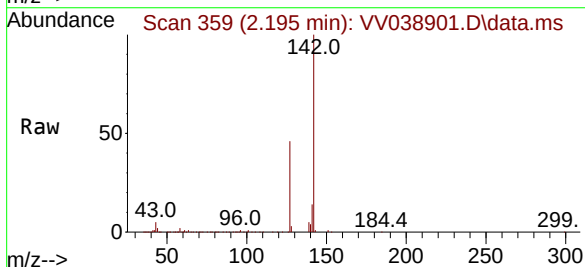
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

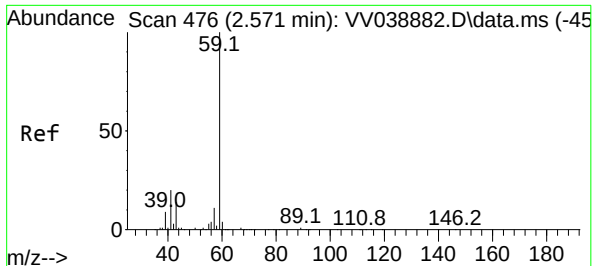
Tgt Ion:101 Resp: 259577
Ion Ratio Lower Upper
101 100
85 42.6 35.0 52.6
151 73.8 60.1 90.1



#10
Methyl Iodide
Concen: 50.039 ug/l
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion:142 Resp: 299351
Ion Ratio Lower Upper
142 100
127 45.2 37.3 55.9
141 14.2 11.2 16.8





#11

Tert butyl alcohol

Concen: 281.862 ug/l

RT: 2.568 min Scan# 41

Delta R.T. -0.003 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

Instrument :

MSVOA_V

ClientSampleId :

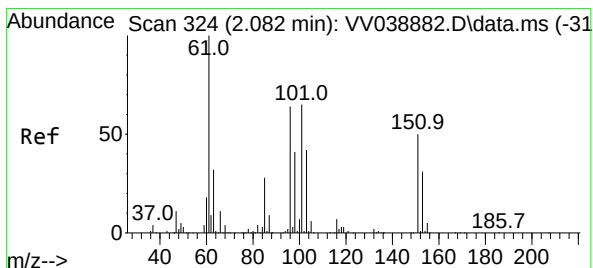
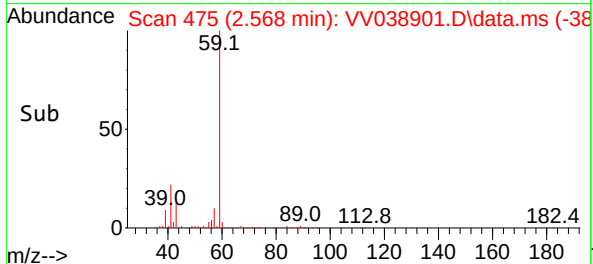
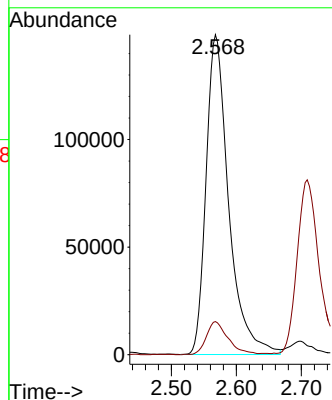
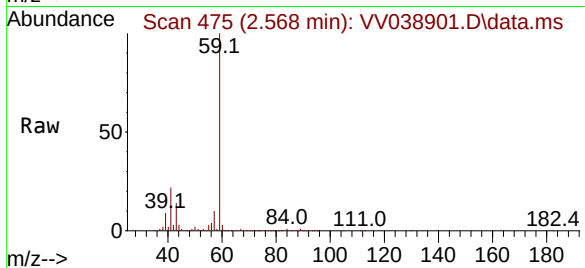
VSTDCCC050

Tgt Ion: 59 Resp: 359590

Ion Ratio Lower Upper

59 100

57 10.0 8.6 12.8



#12

1,1-Dichloroethene

Concen: 45.513 ug/l

RT: 2.079 min Scan# 323

Delta R.T. -0.003 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

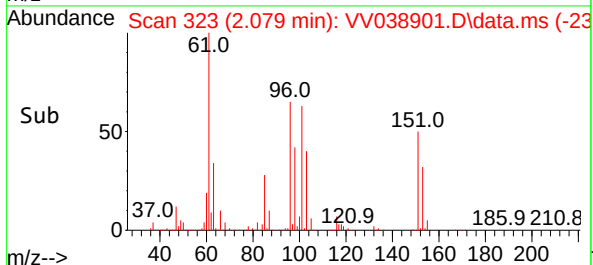
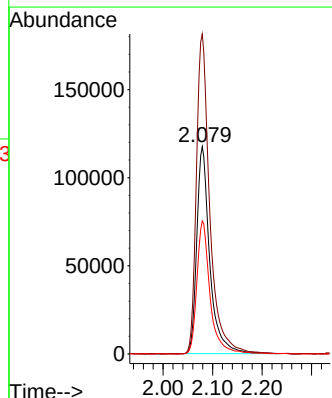
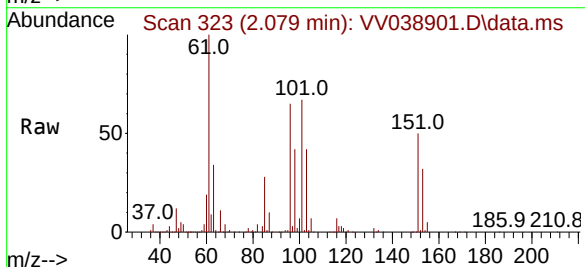
Tgt Ion: 96 Resp: 216092

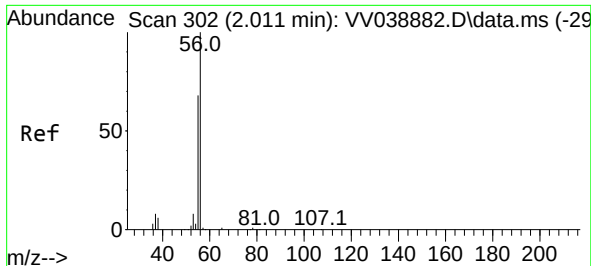
Ion Ratio Lower Upper

96 100

61 154.5 124.1 186.1

98 64.4 50.6 75.8

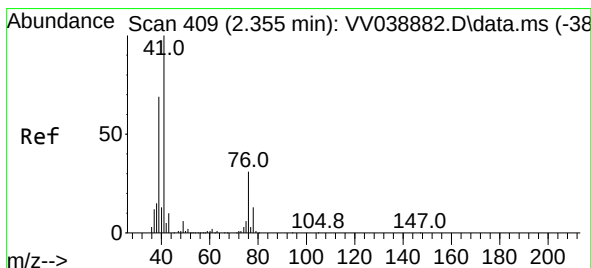
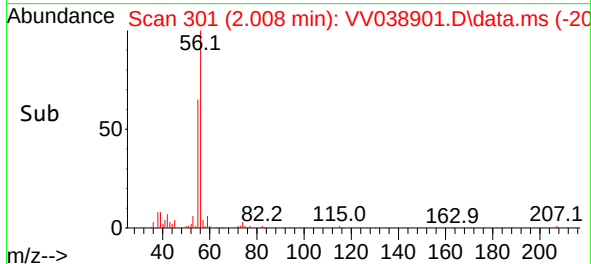
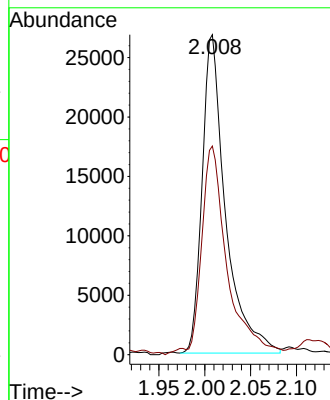
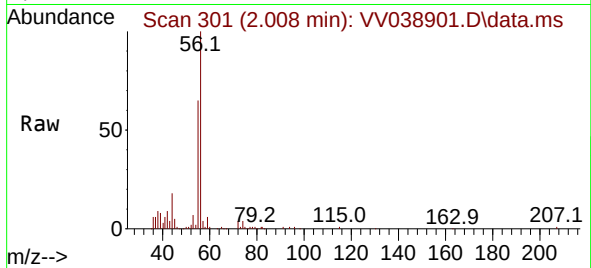




#13
Acrolein
Concen: 257.728 ug/l
RT: 2.008 min Scan# 302
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

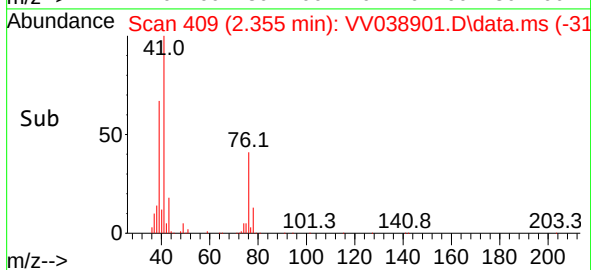
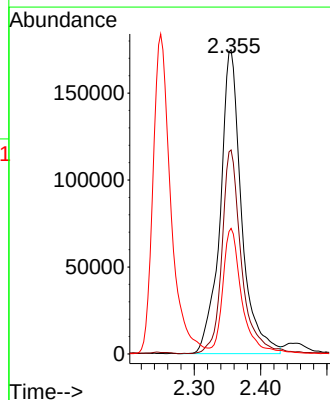
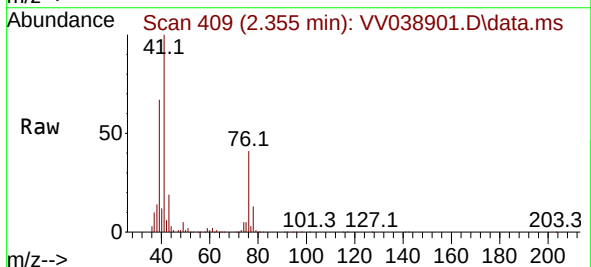
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

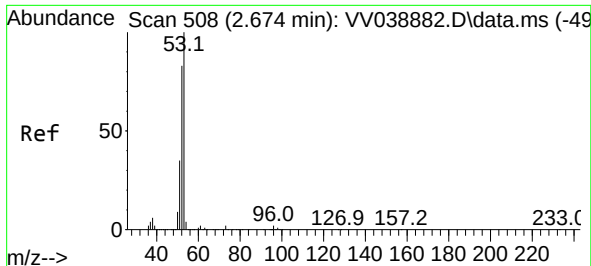
Tgt Ion: 56 Resp: 47549
Ion Ratio Lower Upper
56 100
55 71.5 56.7 85.1



#14
Allyl chloride
Concen: 51.619 ug/l
RT: 2.355 min Scan# 409
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 41 Resp: 390450
Ion Ratio Lower Upper
41 100
39 61.2 50.6 76.0
76 36.5 30.4 45.6

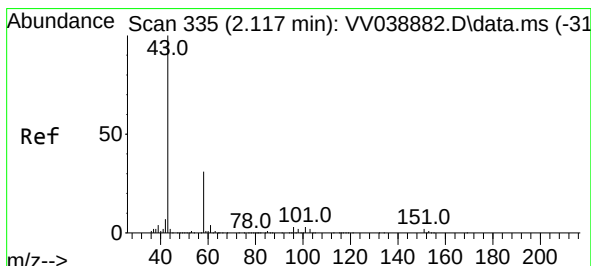
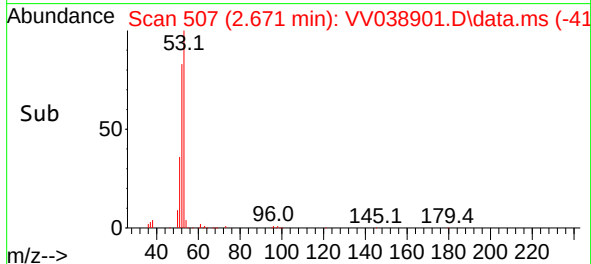
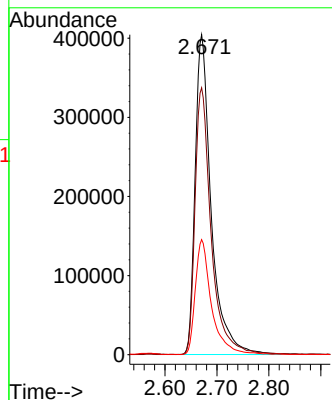
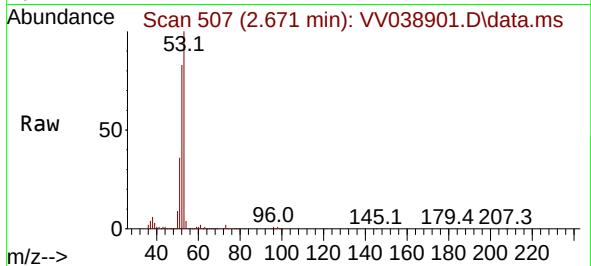




#15
Acrylonitrile
Concen: 266.441 ug/l
RT: 2.671 min Scan# 508
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

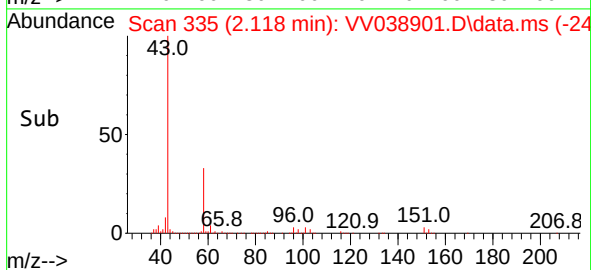
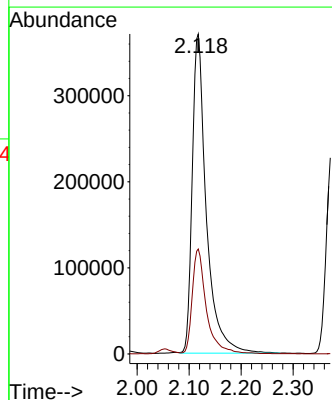
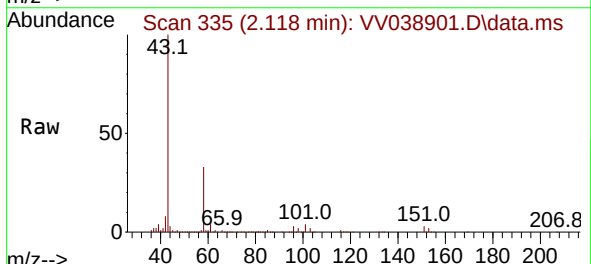
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

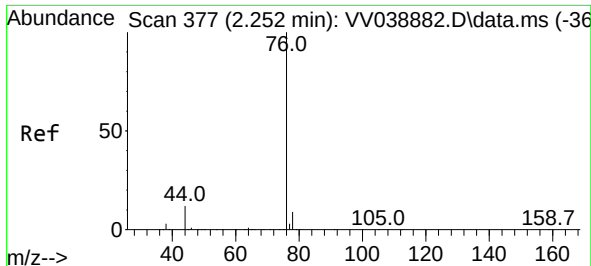
Tgt Ion: 53 Resp: 869850
Ion Ratio Lower Upper
53 100
52 83.4 66.6 99.8
51 36.1 28.7 43.1



#16
Acetone
Concen: 290.893 ug/l
RT: 2.118 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 43 Resp: 697526
Ion Ratio Lower Upper
43 100
58 32.8 25.8 38.6

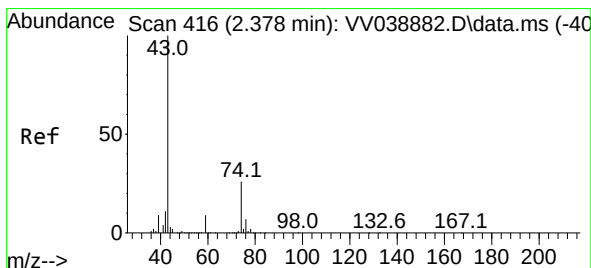
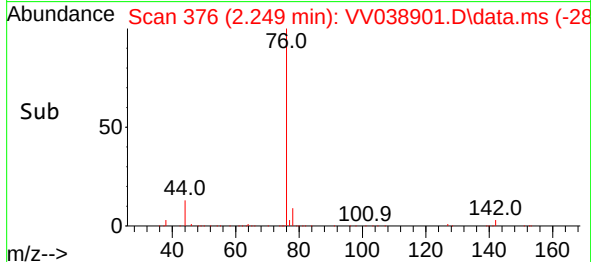
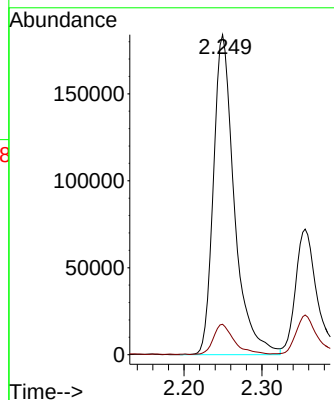
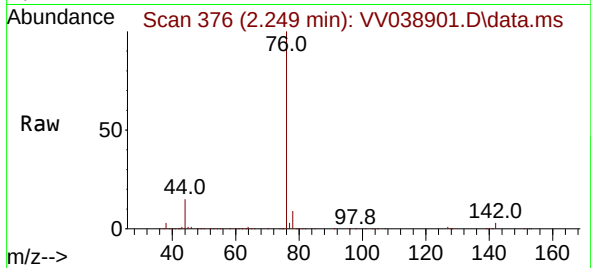




#17
Carbon Disulfide
Concen: 34.688 ug/l
RT: 2.249 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

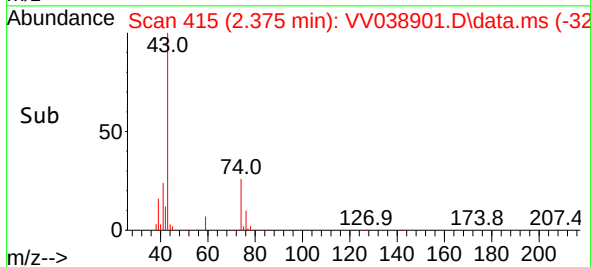
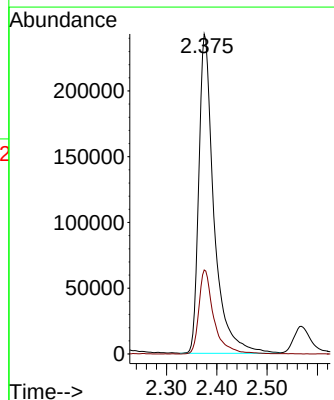
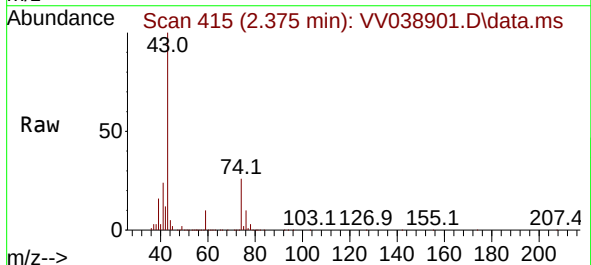
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

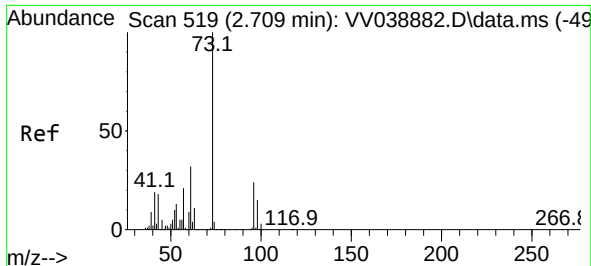
Tgt Ion: 76 Resp: 343627
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.2



#18
Methyl Acetate
Concen: 62.592 ug/l
RT: 2.375 min Scan# 415
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 43 Resp: 507803
Ion Ratio Lower Upper
43 100
74 26.1 21.1 31.7

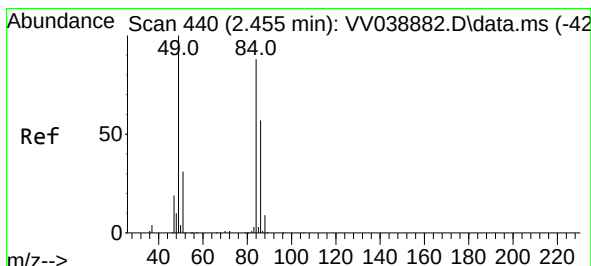
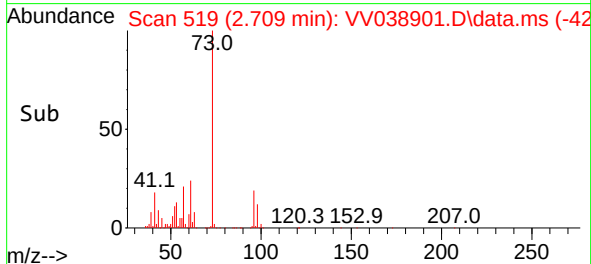
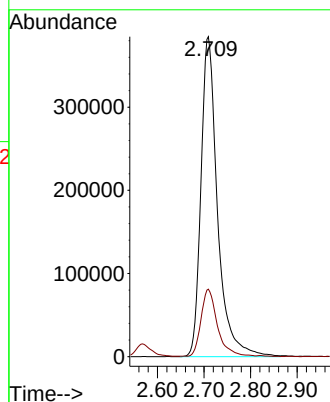
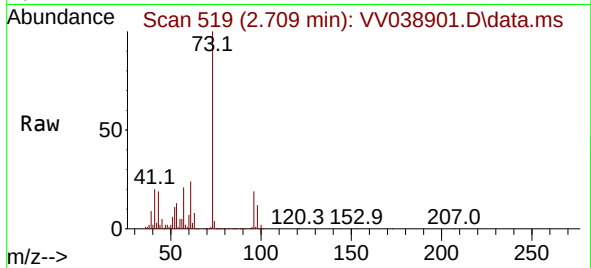




#19
Methyl tert-butyl Ether
Concen: 53.349 ug/l
RT: 2.709 min Scan# 519
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

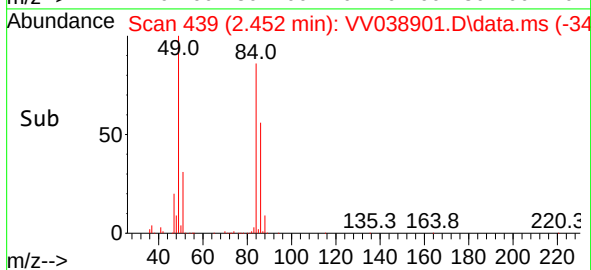
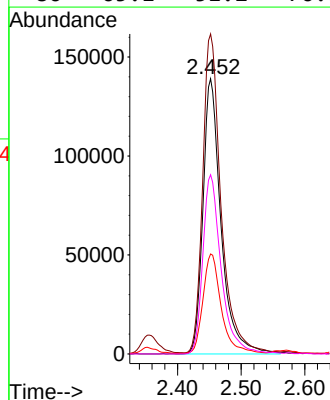
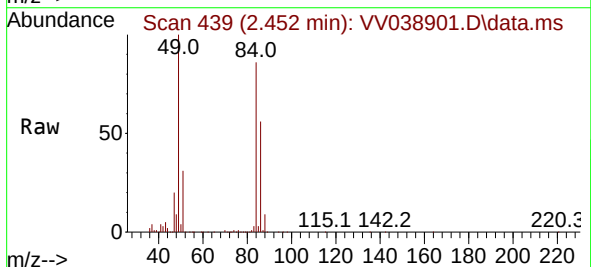
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

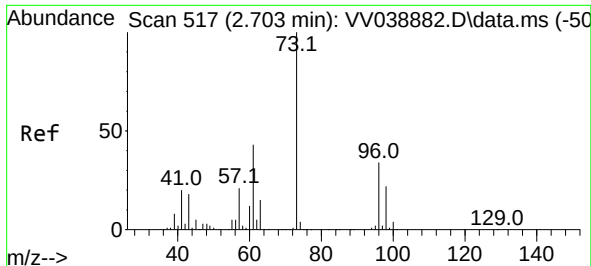
Tgt Ion: 73 Resp: 949700
Ion Ratio Lower Upper
73 100
57 21.1 16.5 24.7



#20
Methylene Chloride
Concen: 45.264 ug/l
RT: 2.452 min Scan# 439
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 84 Resp: 275352
Ion Ratio Lower Upper
84 100
49 115.8 90.5 135.7
51 36.1 27.8 41.6
86 65.1 51.2 76.8

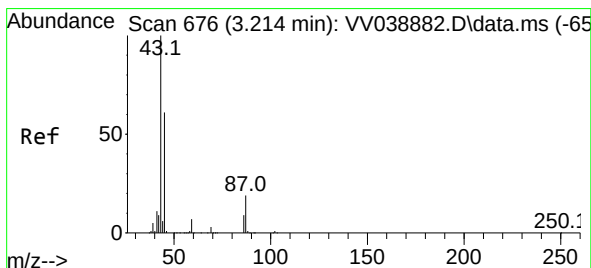
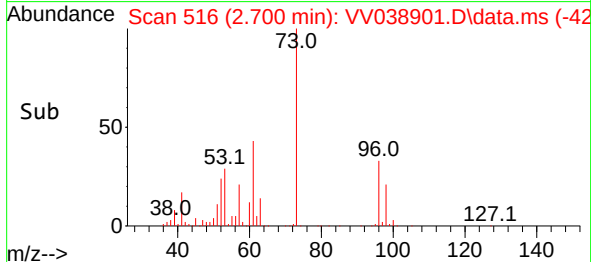
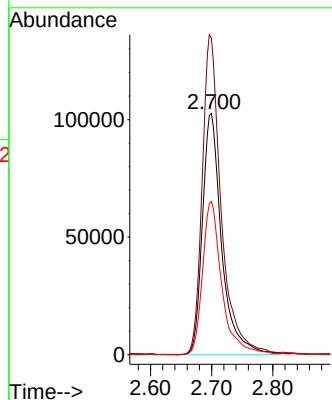
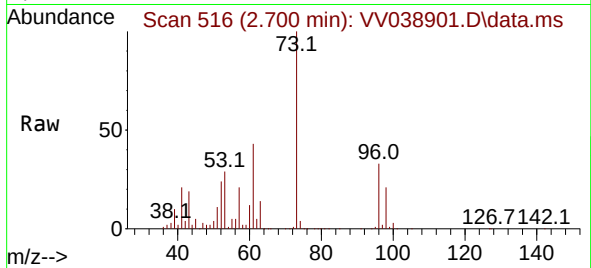




#21
trans-1,2-Dichloroethene
Concen: 44.482 ug/l
RT: 2.700 min Scan# 517
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

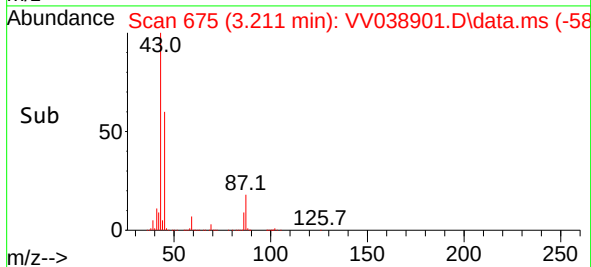
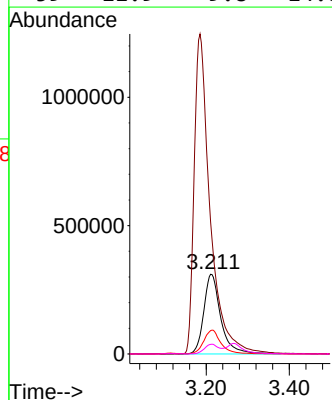
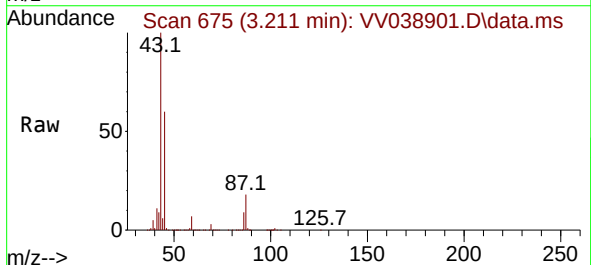
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

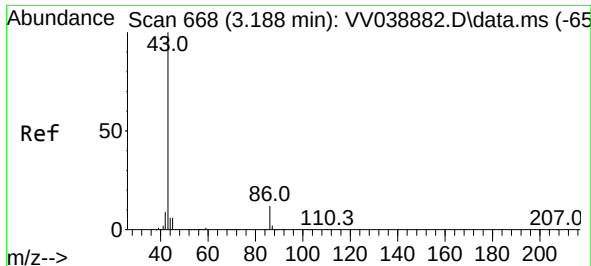
Tgt Ion: 96 Resp: 224712
Ion Ratio Lower Upper
96 100
61 131.3 102.0 153.0
98 63.4 51.0 76.6



#22
Diisopropyl ether
Concen: 58.113 ug/l
RT: 3.211 min Scan# 675
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 45 Resp: 878329
Ion Ratio Lower Upper
45 100
43 165.8 132.1 198.1
87 29.1 25.0 37.4
59 11.9 9.8 14.8

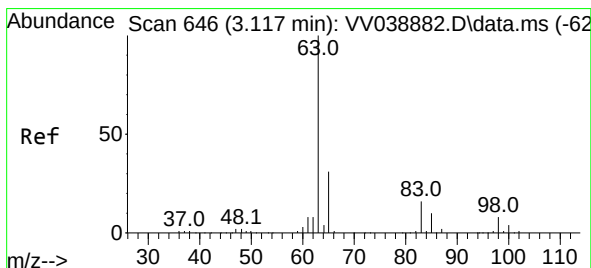
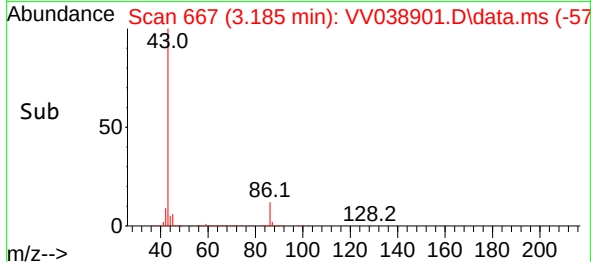
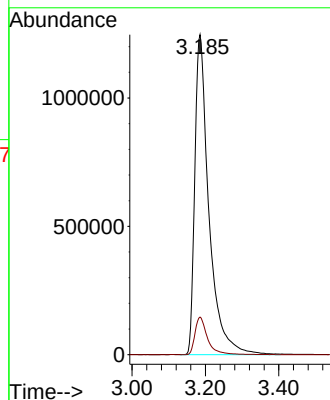
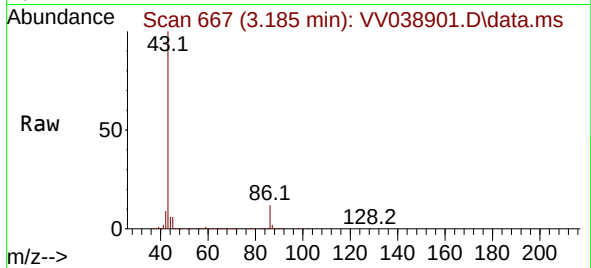




#23
 Vinyl Acetate
 Concen: 281.033 ug/l
 RT: 3.185 min Scan# 668
 Delta R.T. -0.003 min
 Lab File: VV038901.D
 Acq: 16 Jul 2025 10:51

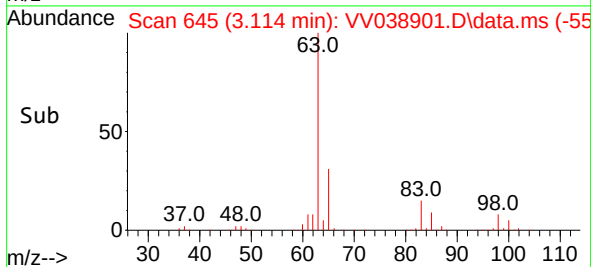
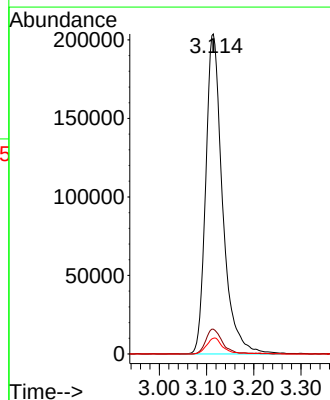
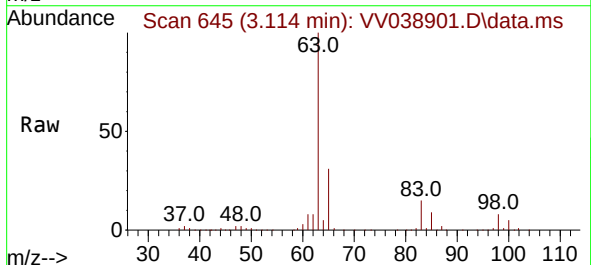
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

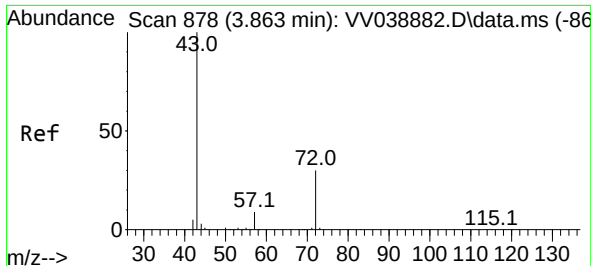
Tgt Ion: 43 Resp: 3330504
 Ion Ratio Lower Upper
 43 100
 86 11.8 9.8 14.6



#24
 1,1-Dichloroethane
 Concen: 50.947 ug/l
 RT: 3.114 min Scan# 645
 Delta R.T. -0.003 min
 Lab File: VV038901.D
 Acq: 16 Jul 2025 10:51

Tgt Ion: 63 Resp: 504291
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 4.9 2.2 6.6

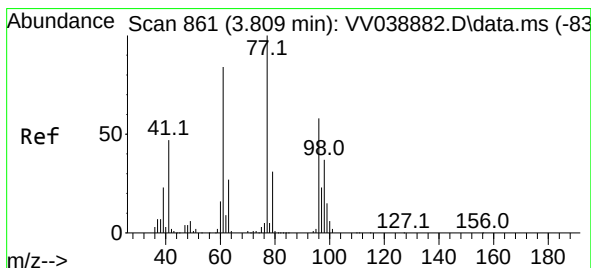
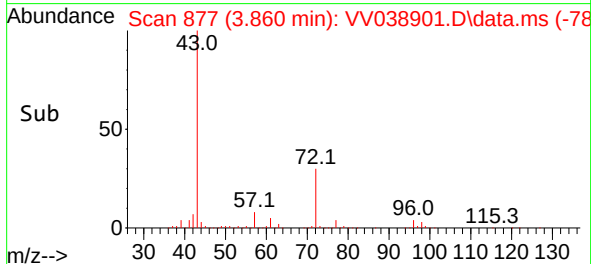
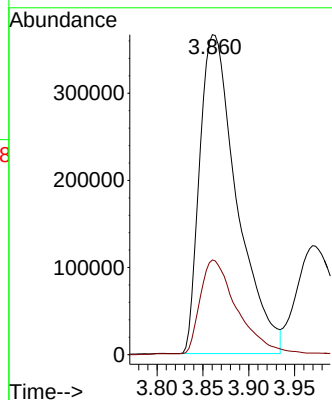
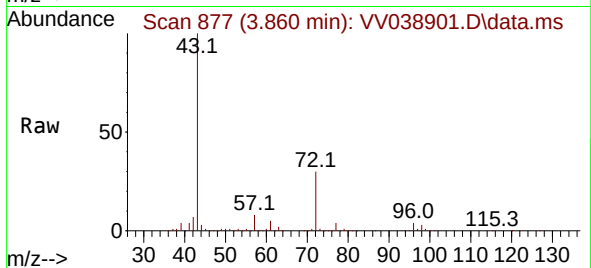




#25
2-Butanone
Concen: 300.746 ug/l
RT: 3.860 min Scan# 81
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

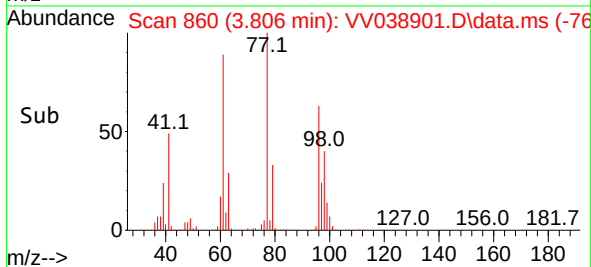
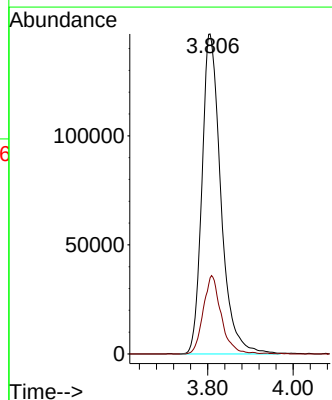
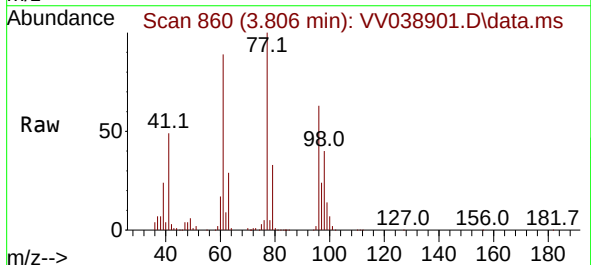
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

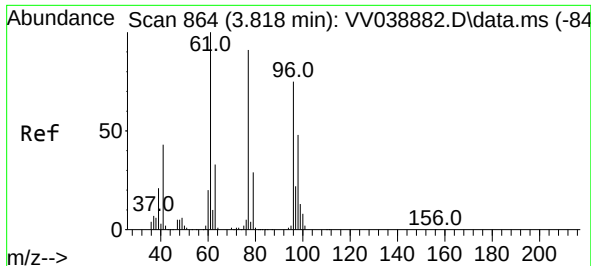
Tgt Ion: 43 Resp: 1033639
Ion Ratio Lower Upper
43 100
72 29.4 23.9 35.9



#26
2,2-Dichloropropane
Concen: 52.008 ug/l
RT: 3.806 min Scan# 860
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 77 Resp: 450708
Ion Ratio Lower Upper
77 100
97 23.2 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 52.378 ug/l

RT: 3.815 min Scan# 863

Delta R.T. -0.003 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

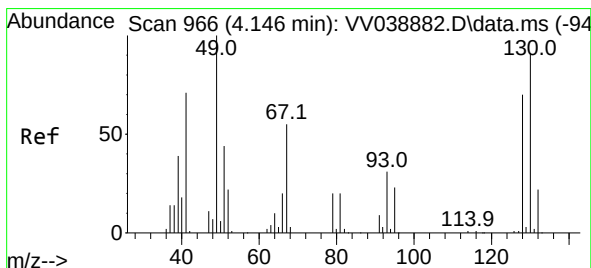
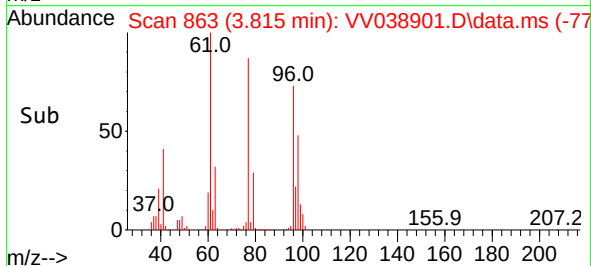
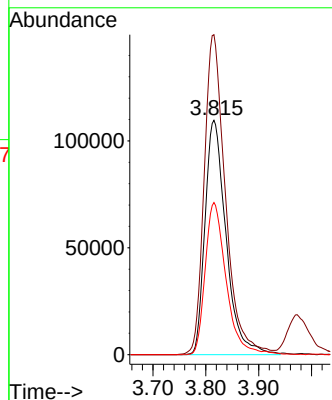
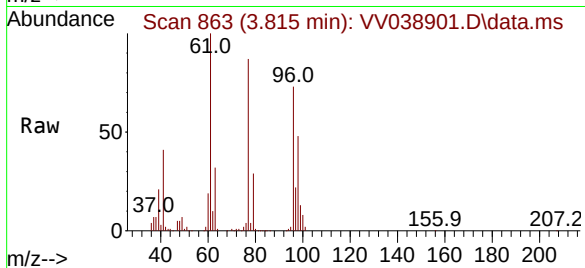
Tgt Ion: 96 Resp: 303841

Ion Ratio Lower Upper

96 100

61 137.8 0.0 275.0

98 63.7 0.0 130.0



#28

Bromochloromethane

Concen: 56.382 ug/l

RT: 4.140 min Scan# 964

Delta R.T. -0.006 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

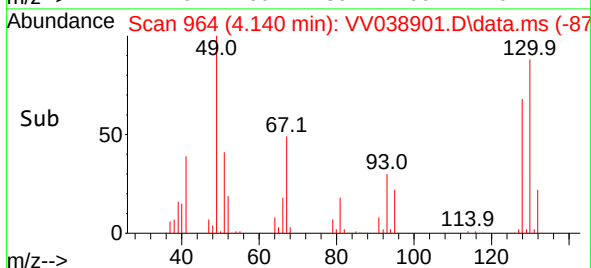
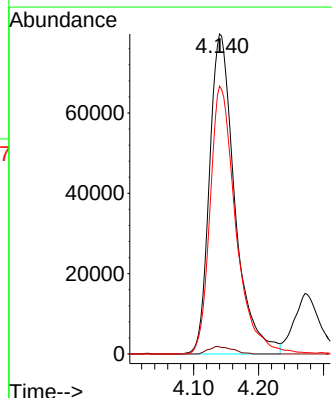
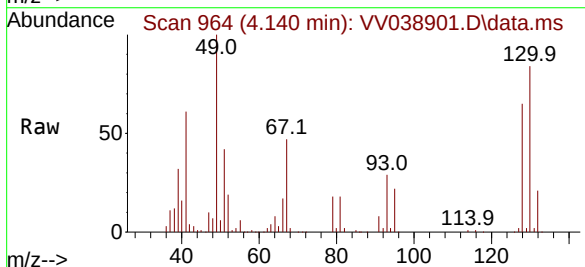
Tgt Ion: 49 Resp: 216015

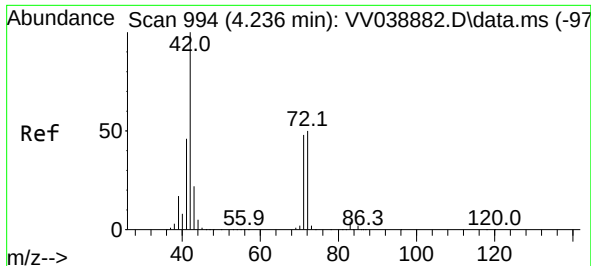
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

130 85.1 70.1 105.1





#29

Tetrahydrofuran

Concen: 291.640 ug/l

RT: 4.233 min Scan# 994

Delta R.T. -0.003 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

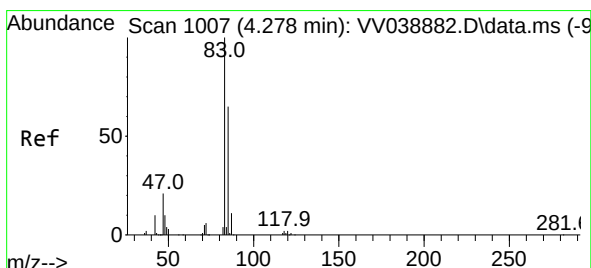
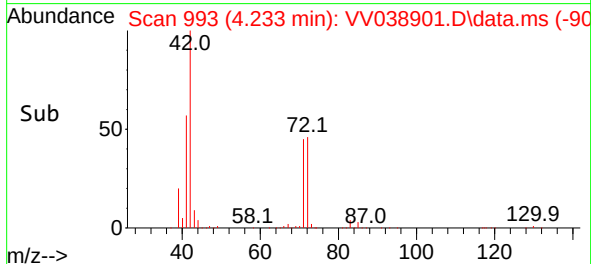
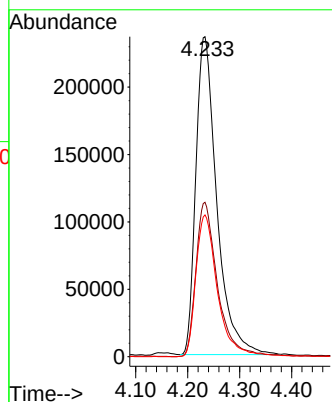
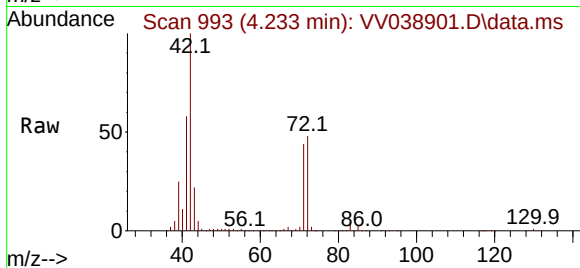
Tgt Ion: 42 Resp: 660621

Ion Ratio Lower Upper

42 100

72 50.0 41.6 62.4

71 46.2 38.4 57.6



#30

Chloroform

Concen: 50.462 ug/l

RT: 4.272 min Scan# 1005

Delta R.T. -0.006 min

Lab File: VV038901.D

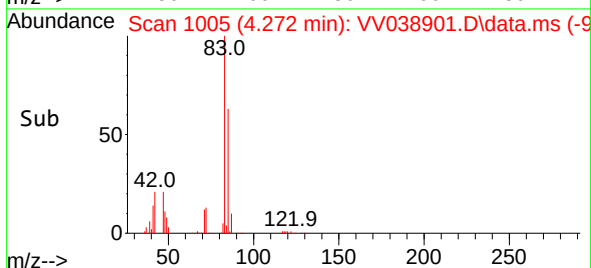
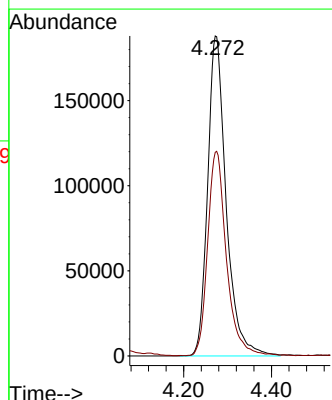
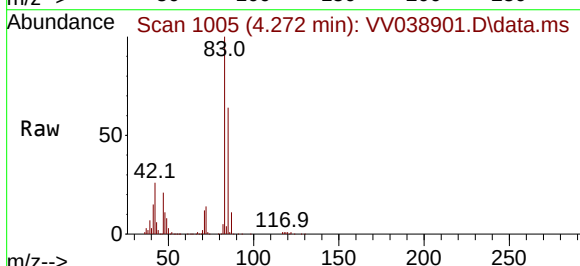
Acq: 16 Jul 2025 10:51

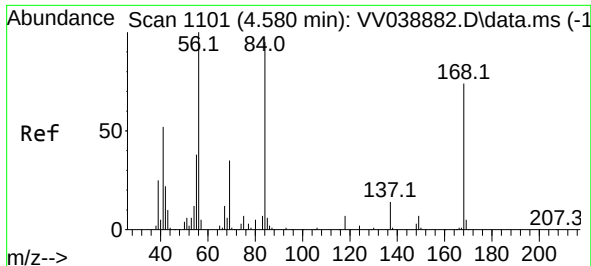
Tgt Ion: 83 Resp: 550679

Ion Ratio Lower Upper

83 100

85 63.5 52.2 78.4

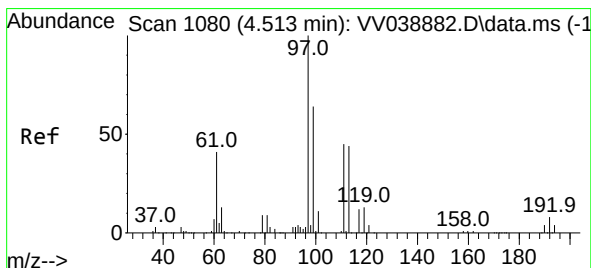
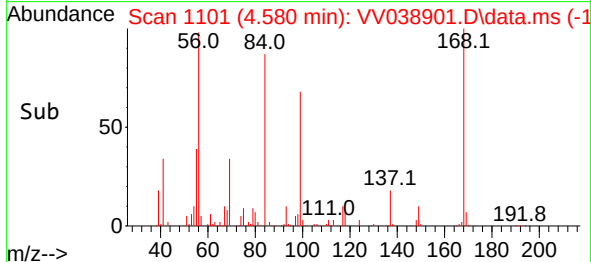
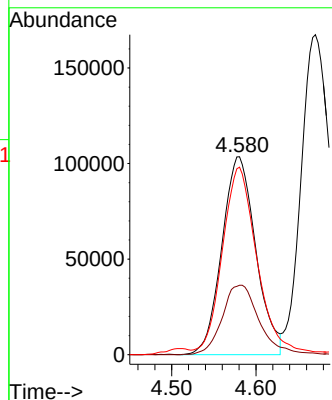
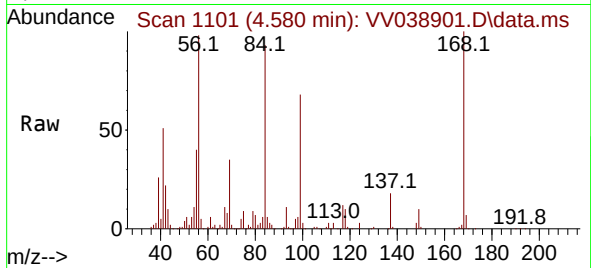




#31
Cyclohexane
Concen: 44.518 ug/l
RT: 4.580 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

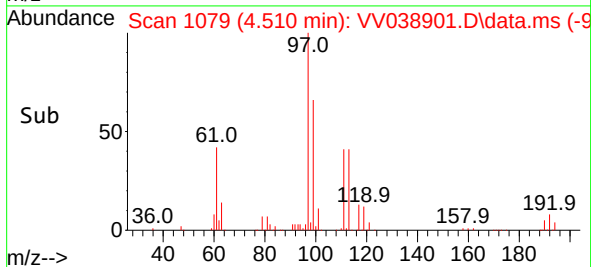
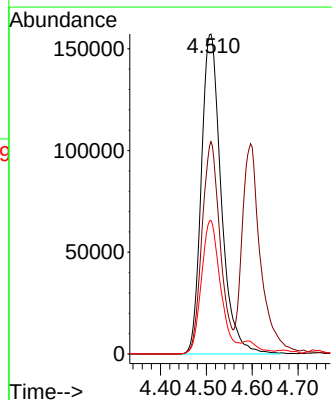
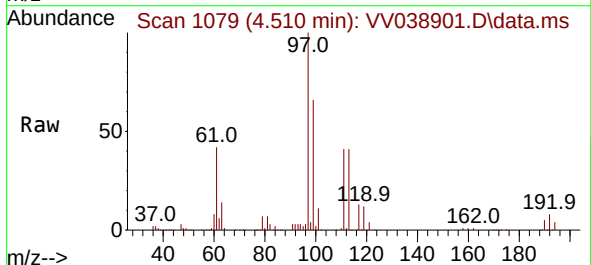
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

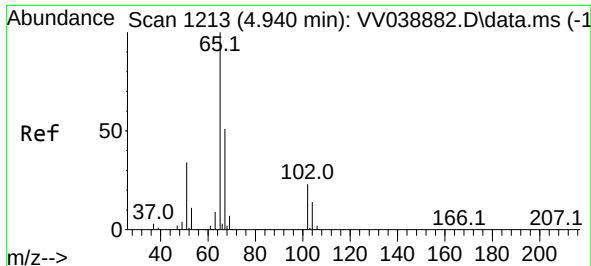
Tgt Ion: 56 Resp: 289229
Ion Ratio Lower Upper
56 100
69 35.1 28.2 42.2
84 91.7 76.0 114.0



#32
1,1,1-Trichloroethane
Concen: 49.783 ug/l
RT: 4.510 min Scan# 1079
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 97 Resp: 474004
Ion Ratio Lower Upper
97 100
99 60.6 50.1 75.1
61 40.4 32.6 49.0





#33

1,2-Dichloroethane-d4

Concen: 44.443 ug/l

RT: 4.937 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

Instrument :

MSVOA_V

ClientSampleId :

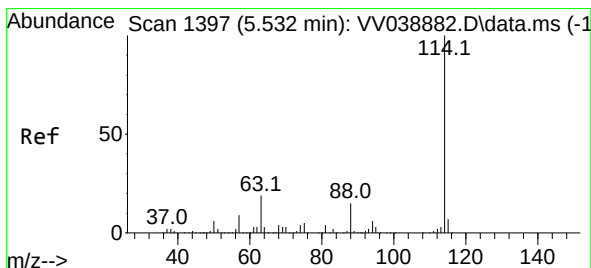
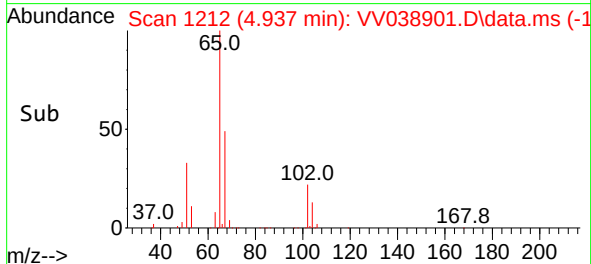
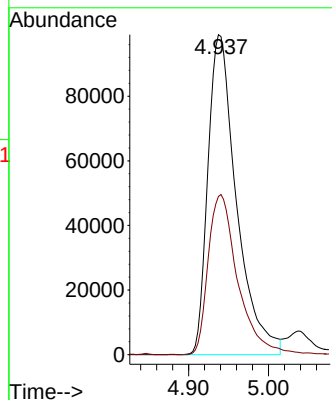
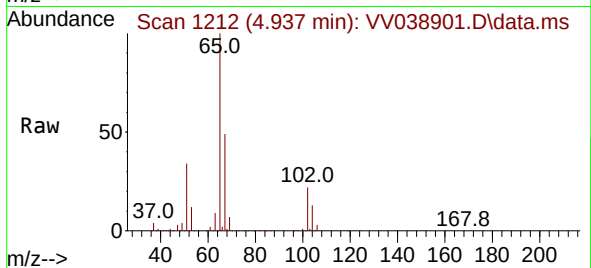
VSTDCCC050

Tgt Ion: 65 Resp: 246273

Ion Ratio Lower Upper

65 100

67 52.1 0.0 105.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.529 min Scan# 1396

Delta R.T. -0.003 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

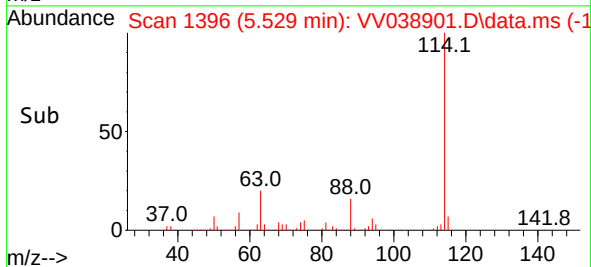
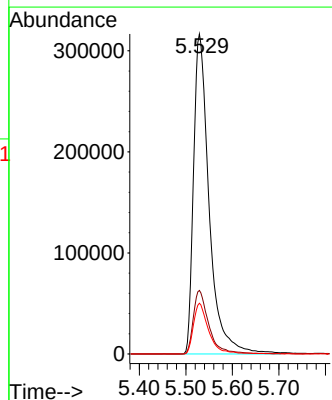
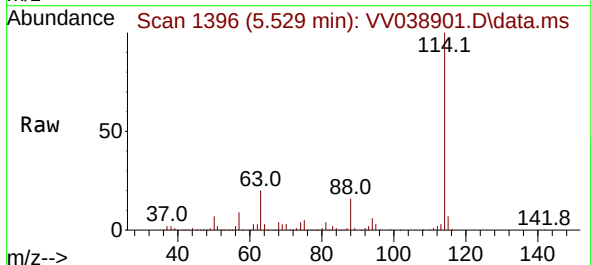
Tgt Ion: 114 Resp: 736281

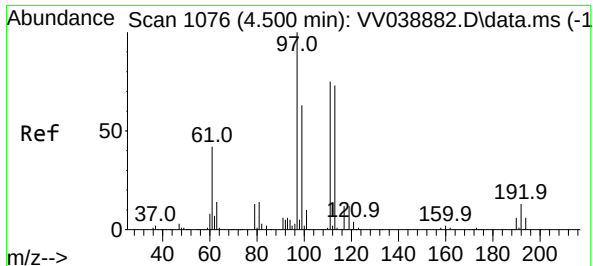
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.2

88 15.9 0.0 30.8

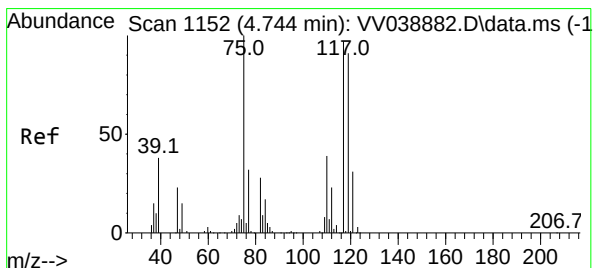
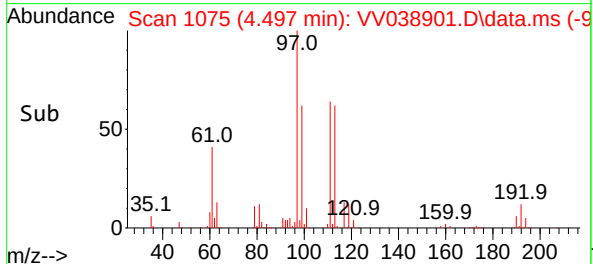
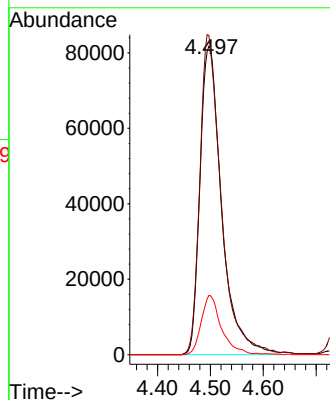
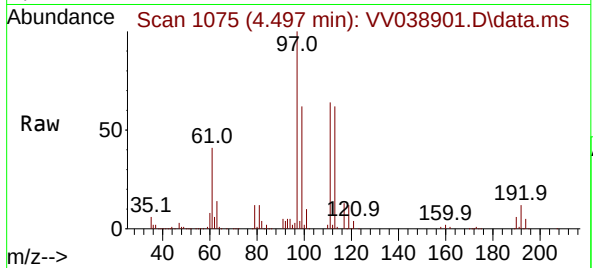




#35
 Dibromofluoromethane
 Concen: 46.441 ug/l
 RT: 4.497 min Scan# 1105
 Delta R.T. -0.003 min
 Lab File: VV038901.D
 Acq: 16 Jul 2025 10:51

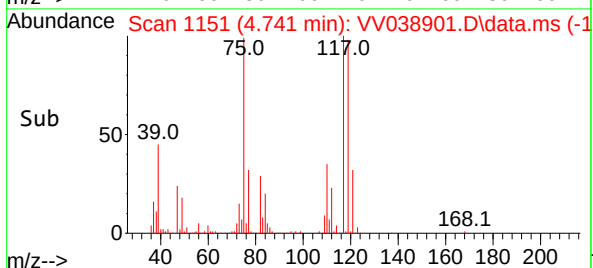
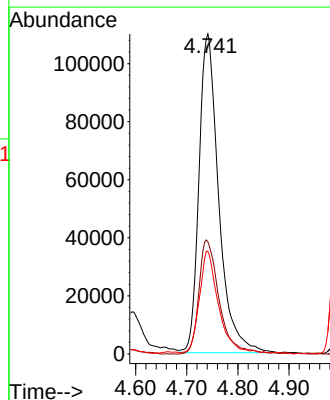
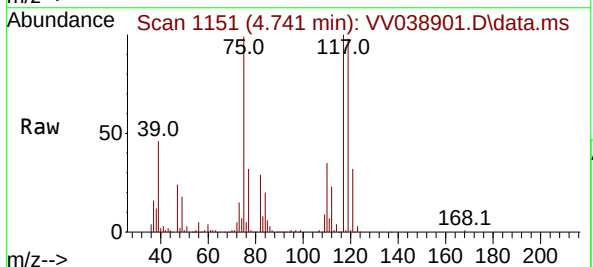
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

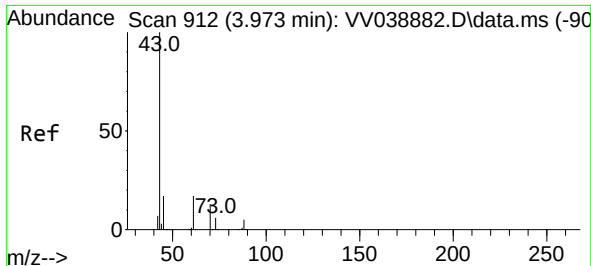
Tgt Ion:113 Resp: 233130
 Ion Ratio Lower Upper
 113 100
 111 102.0 83.3 124.9
 192 17.8 14.2 21.4



#36
 1,1-Dichloropropene
 Concen: 51.143 ug/l
 RT: 4.741 min Scan# 1151
 Delta R.T. -0.003 min
 Lab File: VV038901.D
 Acq: 16 Jul 2025 10:51

Tgt Ion: 75 Resp: 295055
 Ion Ratio Lower Upper
 75 100
 110 36.2 18.8 56.3
 77 29.8 24.2 36.4

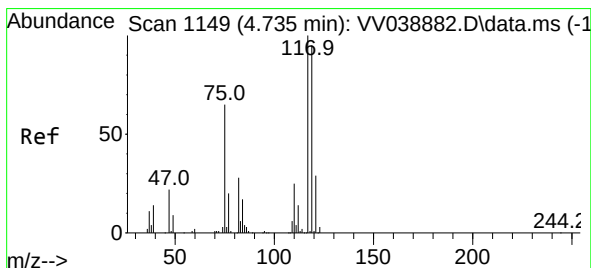
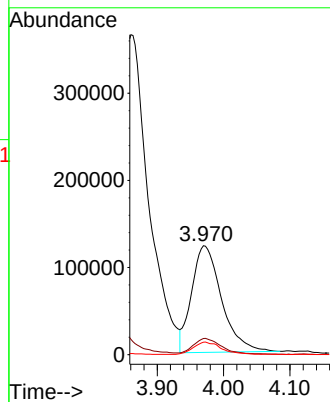
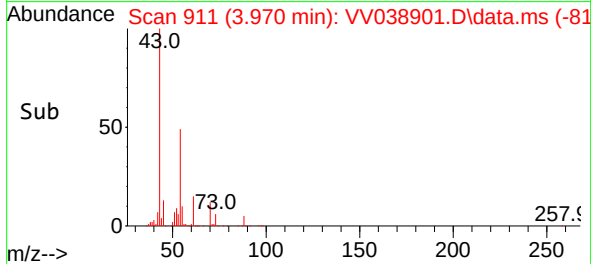
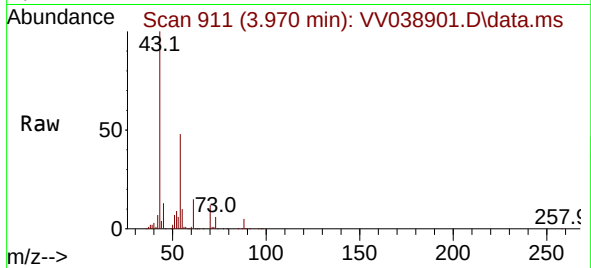




#37
Ethyl Acetate
Concen: 56.518 ug/l
RT: 3.970 min Scan# 912
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

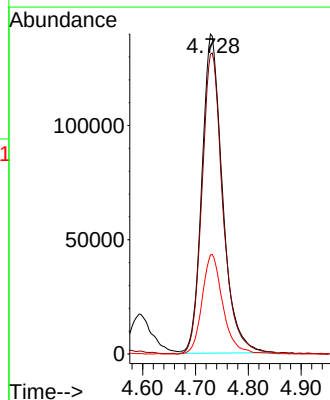
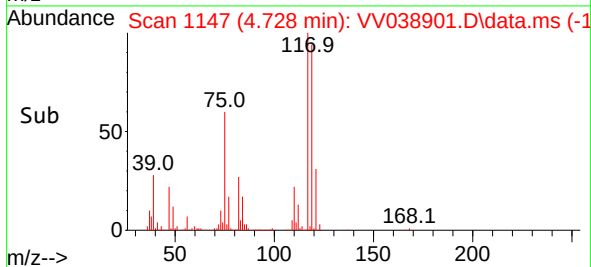
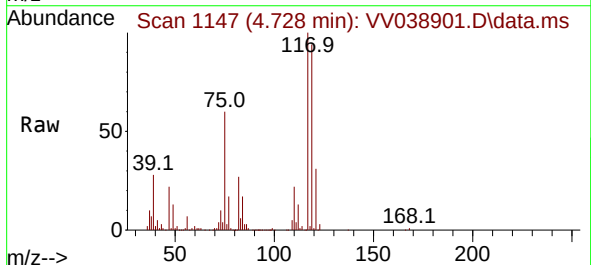
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

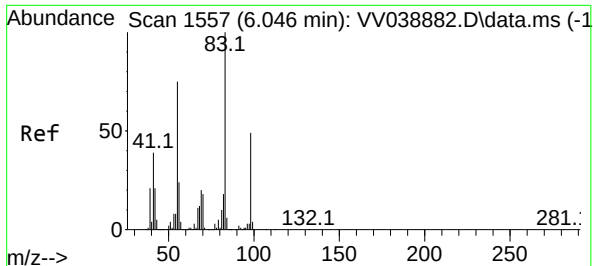
Tgt Ion: 43 Resp: 383908
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 10.6 8.9 13.3



#38
Carbon Tetrachloride
Concen: 49.461 ug/l
RT: 4.728 min Scan# 1147
Delta R.T. -0.006 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 117 Resp: 379037
Ion Ratio Lower Upper
117 100
119 93.9 76.0 114.0
121 31.0 23.1 34.7





#39

Methylcyclohexane

Concen: 46.936 ug/l

RT: 6.043 min Scan# 11

Delta R.T. -0.003 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

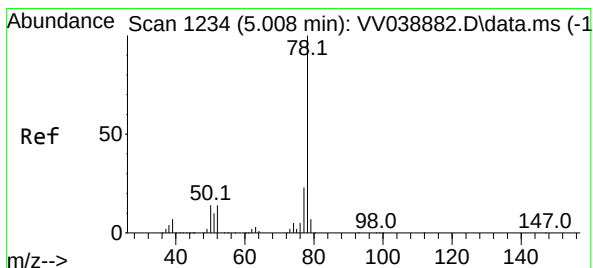
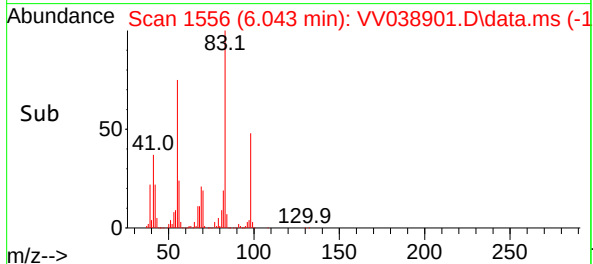
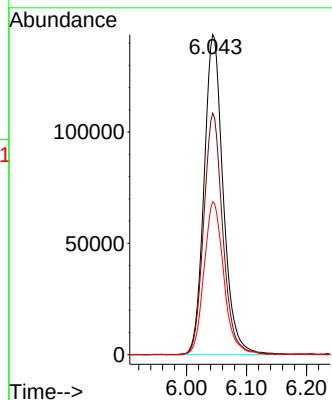
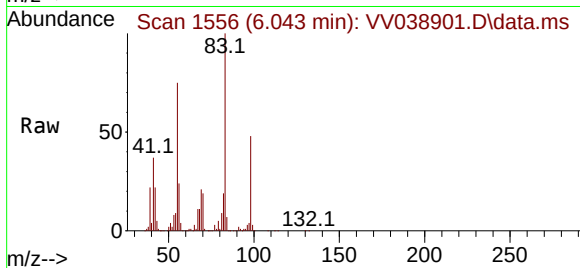
Tgt Ion: 83 Resp: 319504

Ion Ratio Lower Upper

83 100

55 75.2 60.0 90.0

98 47.7 39.0 58.6



#40

Benzene

Concen: 51.090 ug/l

RT: 5.005 min Scan# 1233

Delta R.T. -0.003 min

Lab File: VV038901.D

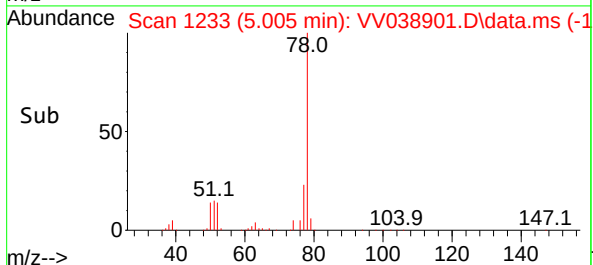
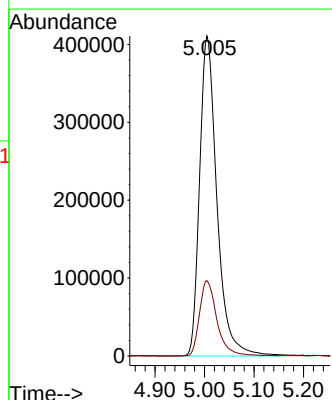
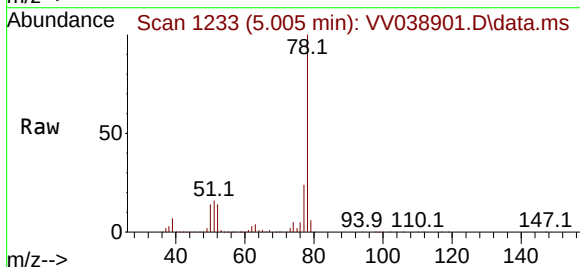
Acq: 16 Jul 2025 10:51

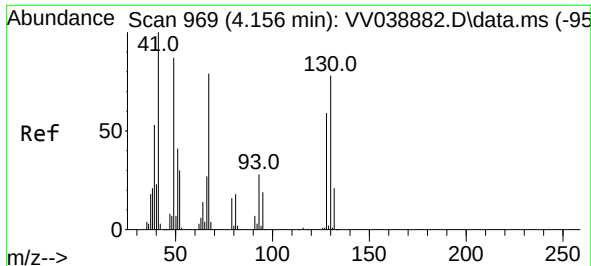
Tgt Ion: 78 Resp: 999196

Ion Ratio Lower Upper

78 100

77 23.5 18.6 28.0



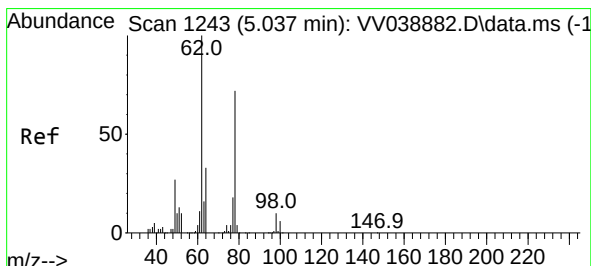
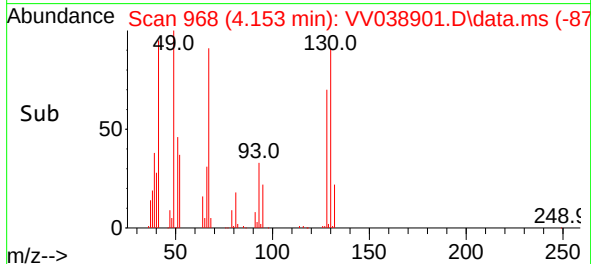
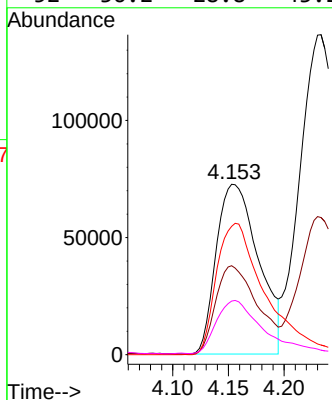
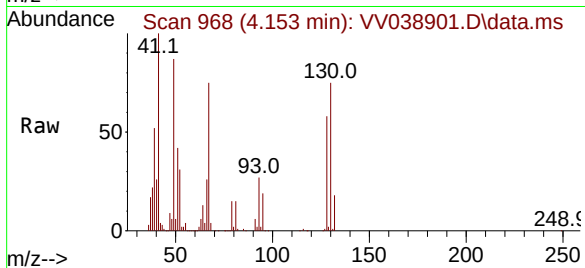


#41
Methacrylonitrile
Concen: 61.594 ug/l
RT: 4.153 min Scan# 90
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 192013

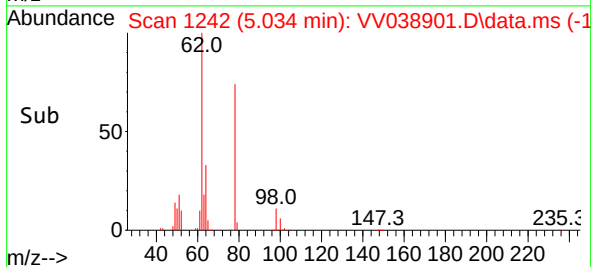
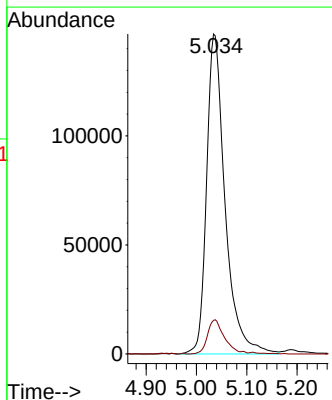
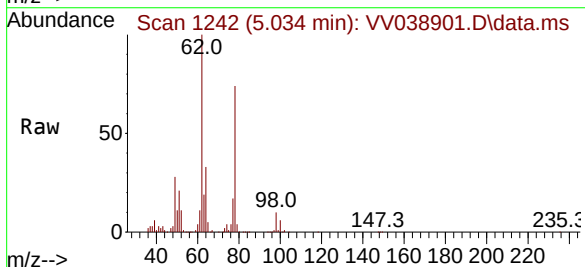
Ion	Ratio	Lower	Upper
41	100		
39	51.3	42.0	63.0
67	90.7	76.2	114.2
52	36.2	28.8	43.2

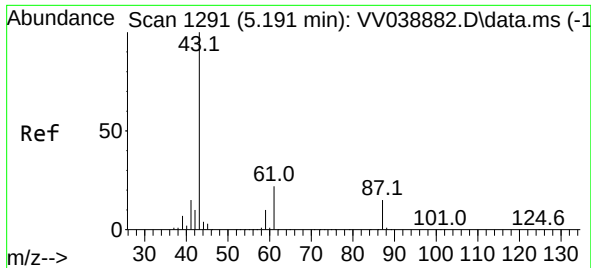


#42
1,2-Dichloroethane
Concen: 50.275 ug/l
RT: 5.034 min Scan# 1242
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 62 Resp: 374786

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	18.8

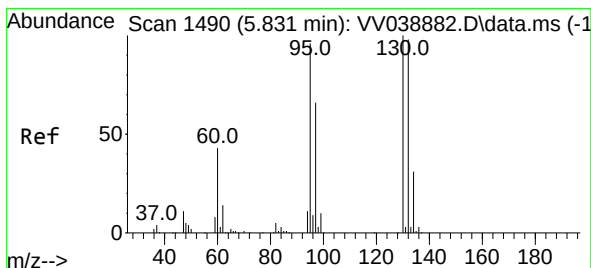
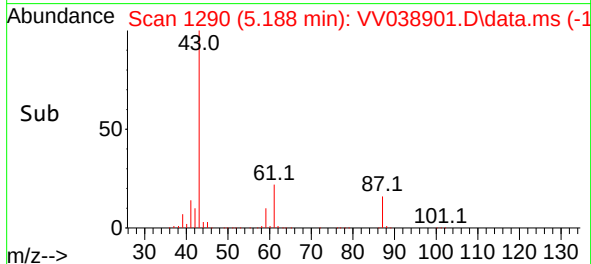
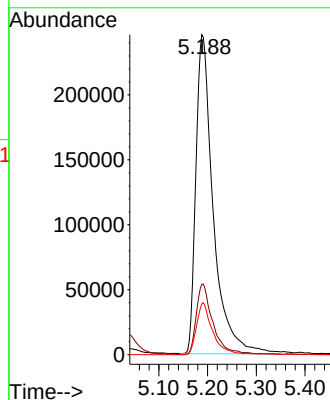
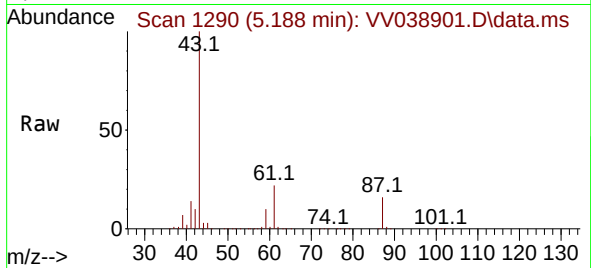




#43
Isopropyl Acetate
Concen: 56.557 ug/l
RT: 5.188 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

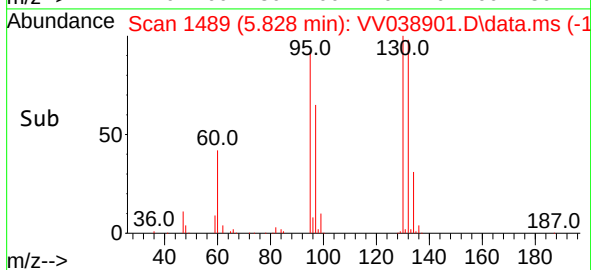
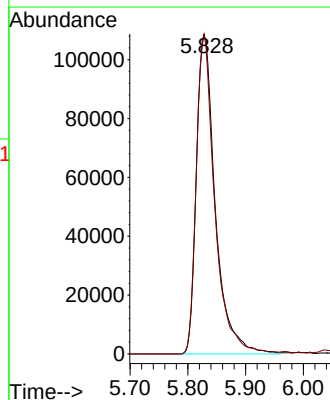
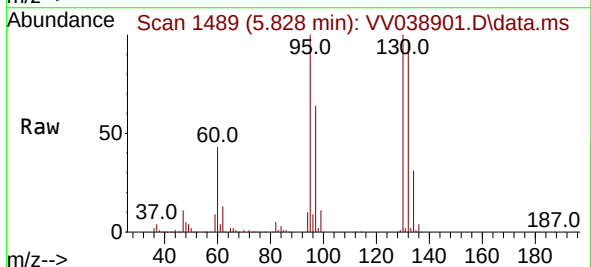
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

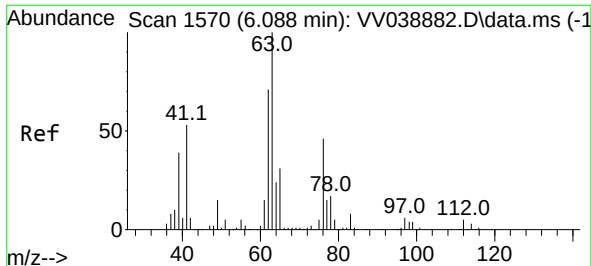
Tgt Ion: 43 Resp: 607572
Ion Ratio Lower Upper
43 100
61 21.0 17.1 25.7
87 15.0 12.2 18.4



#44
Trichloroethene
Concen: 48.337 ug/l
RT: 5.828 min Scan# 1489
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion:130 Resp: 247031
Ion Ratio Lower Upper
130 100
95 100.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 52.954 ug/l

RT: 6.085 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

Instrument :

MSVOA_V

ClientSampleId :

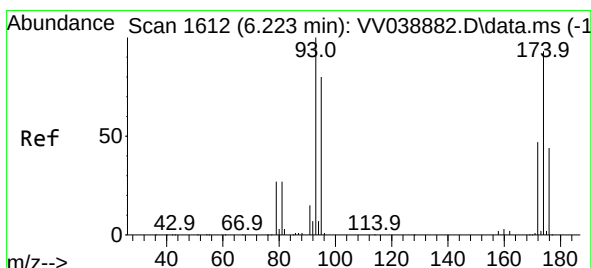
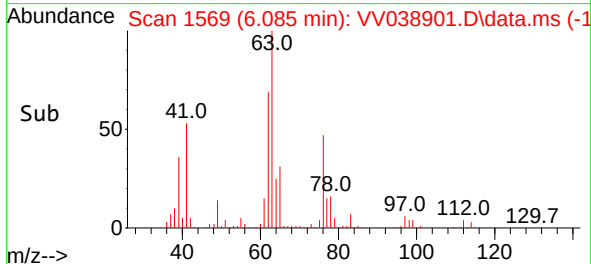
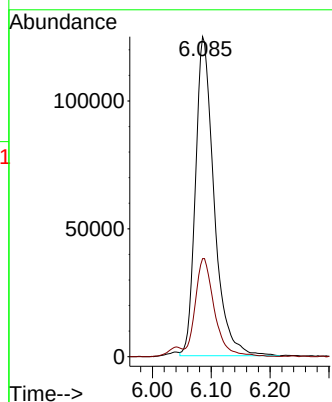
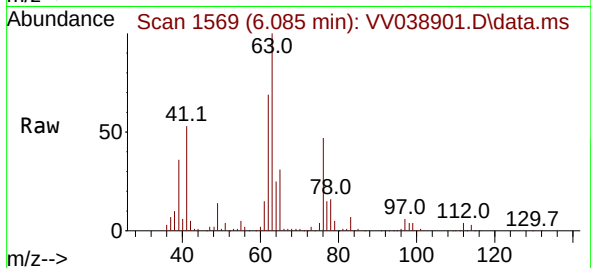
VSTDCCC050

Tgt Ion: 63 Resp: 273573

Ion Ratio Lower Upper

63 100

65 30.7 24.9 37.3



#46

Dibromomethane

Concen: 50.131 ug/l

RT: 6.220 min Scan# 1611

Delta R.T. -0.003 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

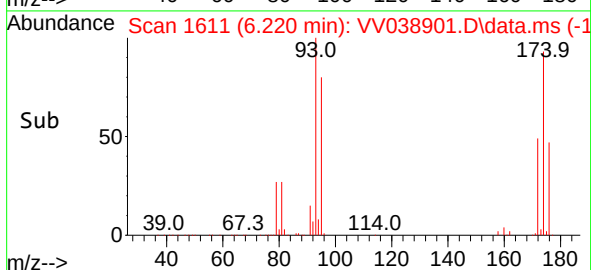
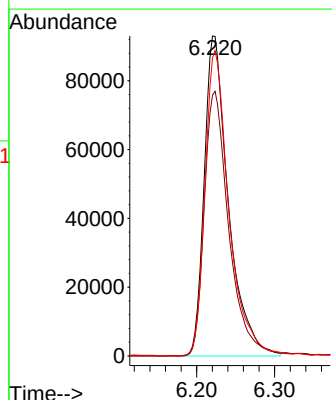
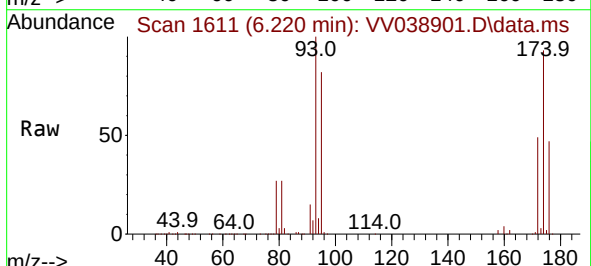
Tgt Ion: 93 Resp: 200385

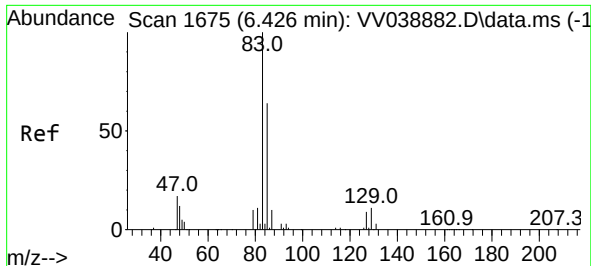
Ion Ratio Lower Upper

93 100

95 84.1 66.2 99.4

174 95.0 75.3 112.9

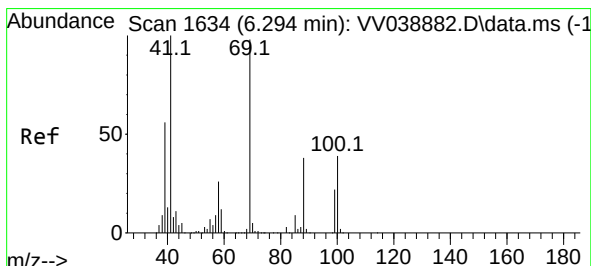
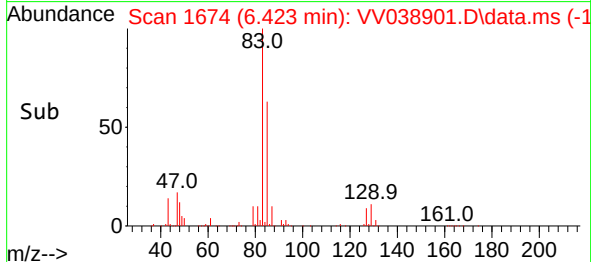
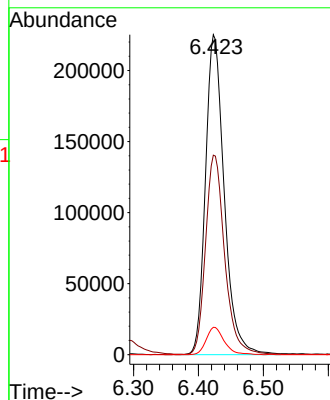
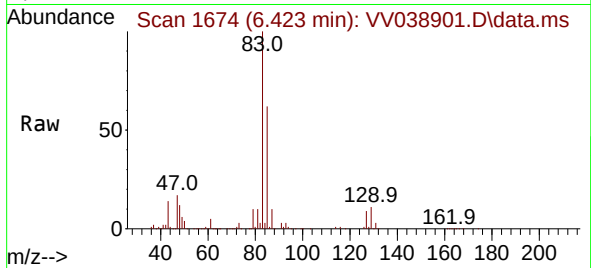




#47
Bromodichloromethane
Concen: 53.382 ug/l
RT: 6.423 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

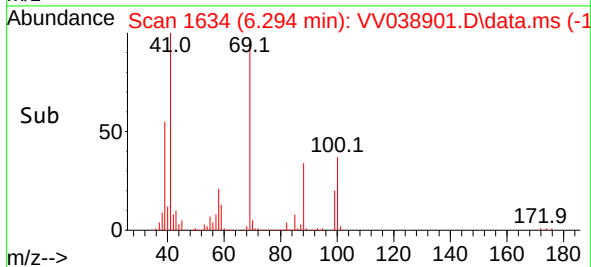
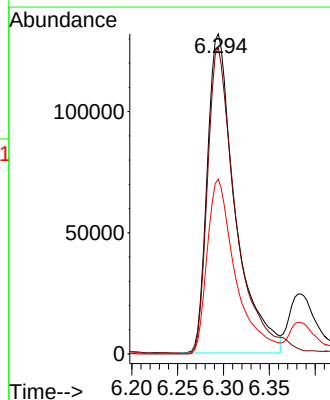
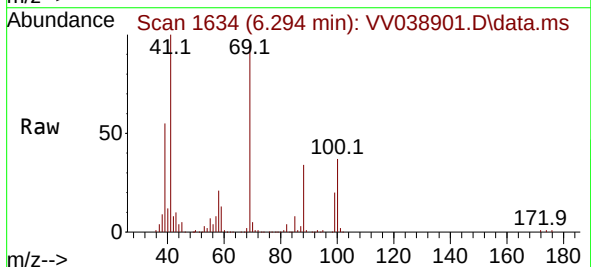
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

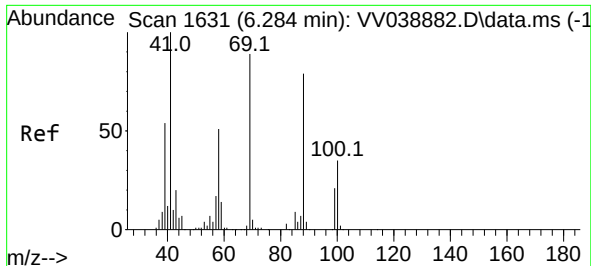
Tgt Ion: 83 Resp: 452855
Ion Ratio Lower Upper
83 100
85 62.2 51.4 77.0
127 8.5 6.9 10.3



#48
Methyl methacrylate
Concen: 59.688 ug/l
RT: 6.294 min Scan# 1634
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 41 Resp: 278280
Ion Ratio Lower Upper
41 100
69 98.0 79.4 119.2
39 55.1 44.0 66.0





#49

1,4-Dioxane

Concen: 1165.836 ug/l

RT: 6.285 min Scan# 1

Delta R.T. 0.001 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

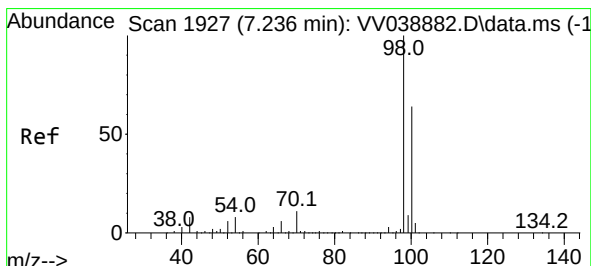
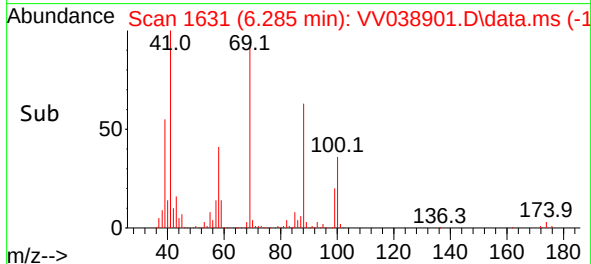
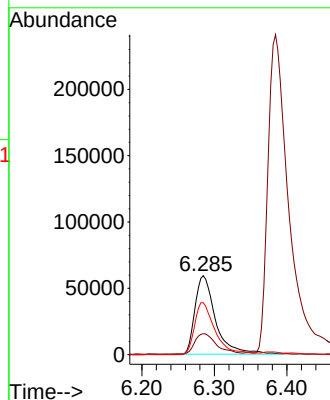
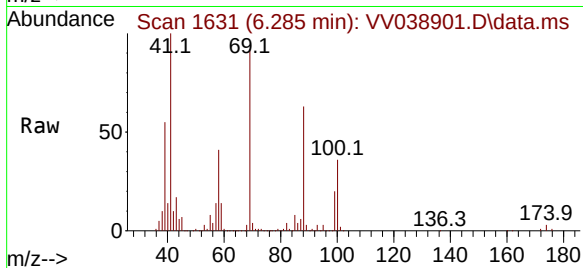
Tgt Ion: 88 Resp: 117109

Ion Ratio Lower Upper

88 100

43 28.1 23.0 34.4

58 66.2 53.8 80.6



#50

Toluene-d8

Concen: 44.530 ug/l

RT: 7.233 min Scan# 1926

Delta R.T. -0.003 min

Lab File: VV038901.D

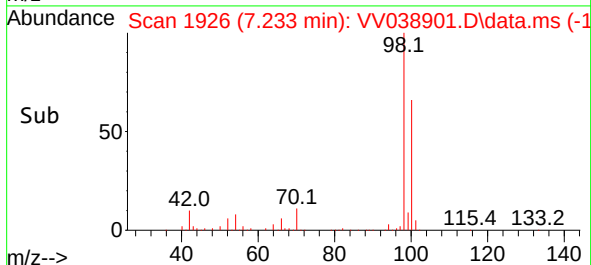
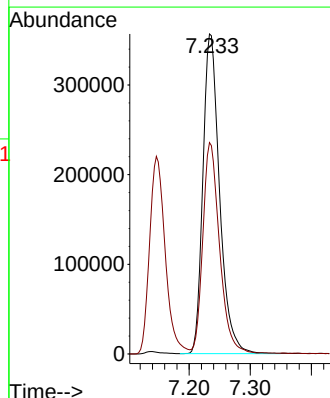
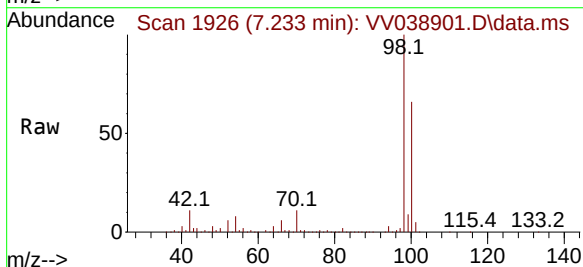
Acq: 16 Jul 2025 10:51

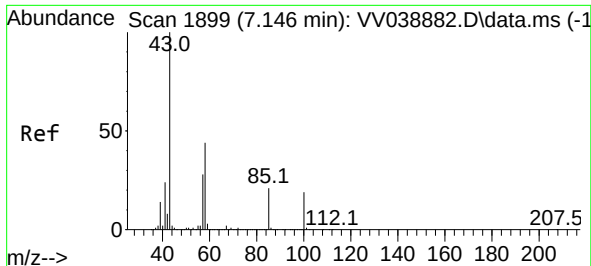
Tgt Ion: 98 Resp: 675690

Ion Ratio Lower Upper

98 100

100 65.6 52.9 79.3

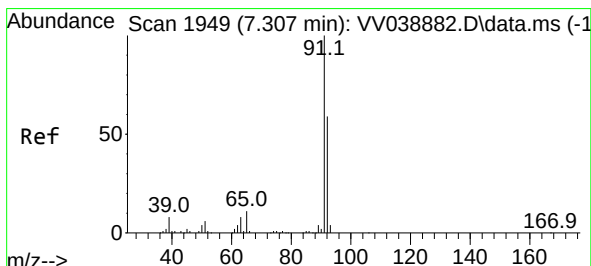
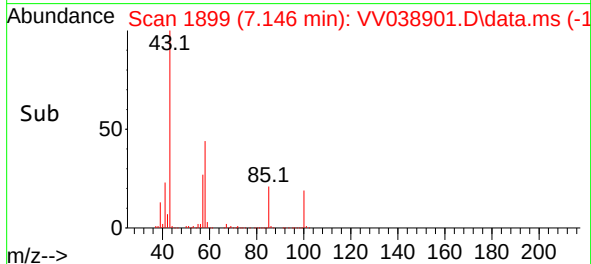
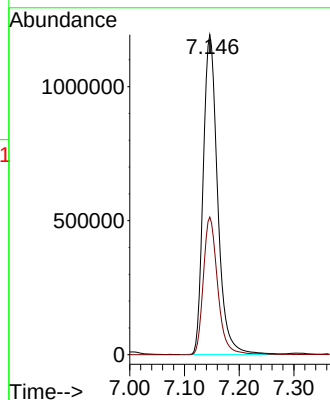
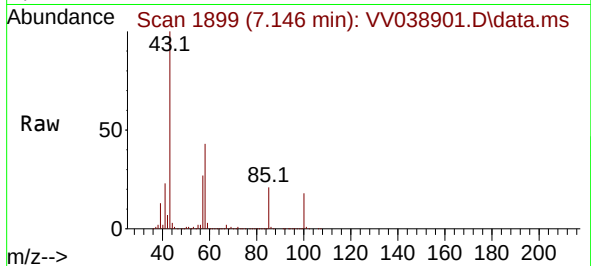




#51
4-Methyl-2-Pentanone
Concen: 298.388 ug/l
RT: 7.146 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

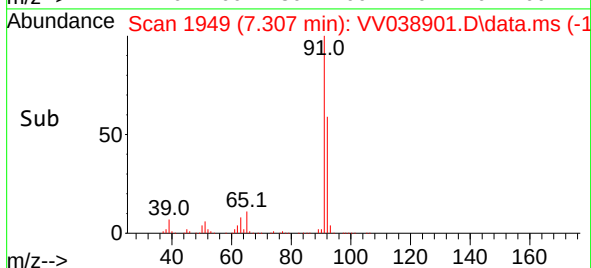
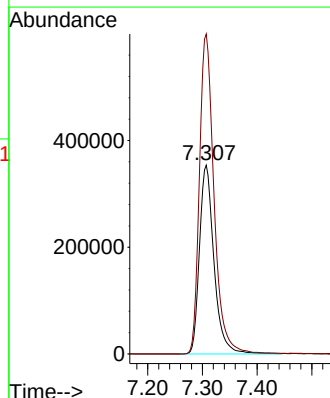
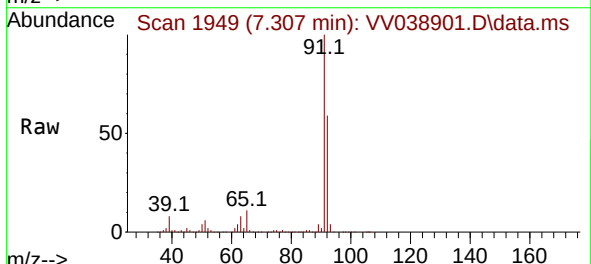
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

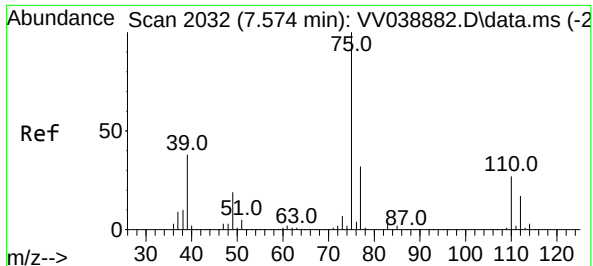
Tgt Ion: 43 Resp: 2182679
Ion Ratio Lower Upper
43 100
58 42.4 34.5 51.7



#52
Toluene
Concen: 52.831 ug/l
RT: 7.307 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 92 Resp: 650909
Ion Ratio Lower Upper
92 100
91 171.3 137.1 205.7

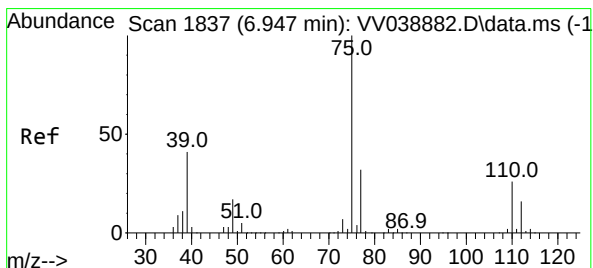
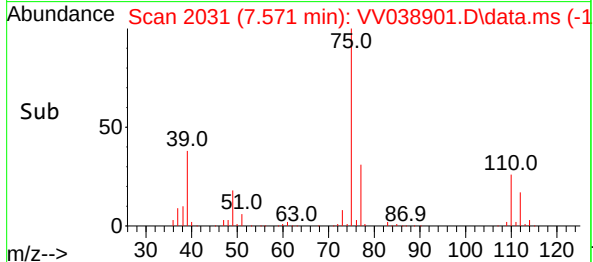
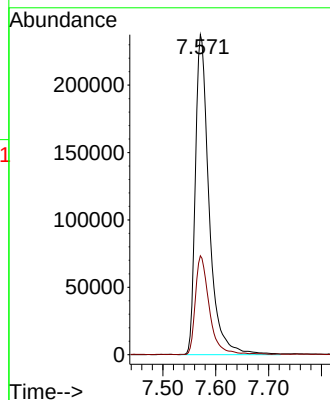
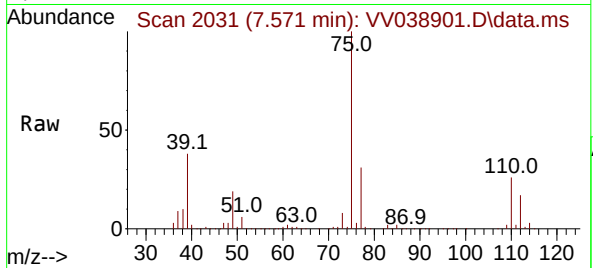




#53
 t-1,3-Dichloropropene
 Concen: 55.817 ug/l
 RT: 7.571 min Scan# 2032
 Delta R.T. -0.003 min
 Lab File: VV038901.D
 Acq: 16 Jul 2025 10:51

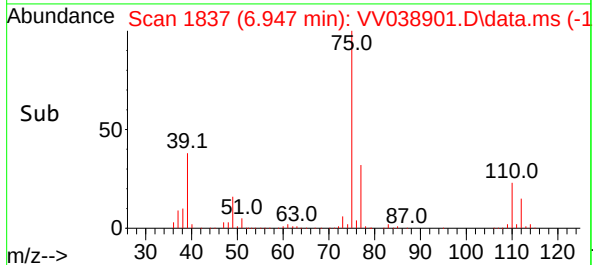
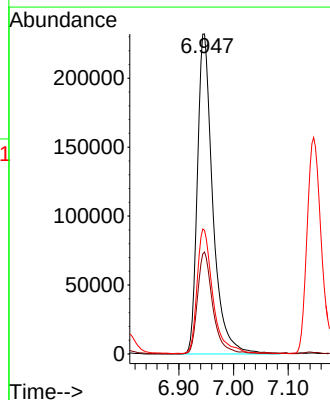
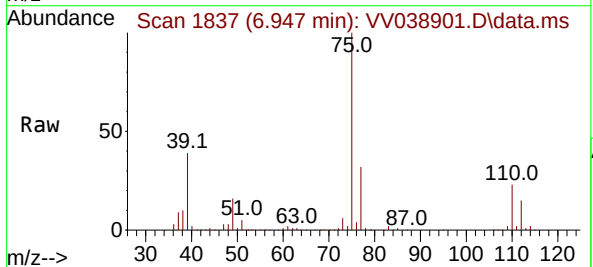
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

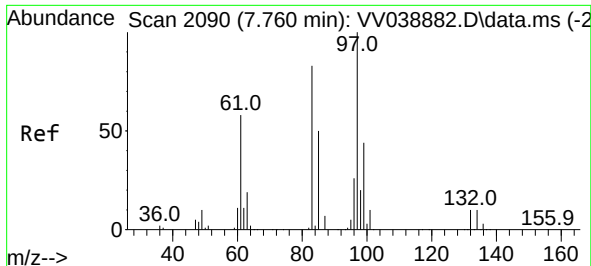
Tgt Ion: 75 Resp: 428454
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.0 39.0



#54
 cis-1,3-Dichloropropene
 Concen: 54.788 ug/l
 RT: 6.947 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: VV038901.D
 Acq: 16 Jul 2025 10:51

Tgt Ion: 75 Resp: 454619
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.5 38.3
 39 38.5 33.1 49.7





#55

1,1,2-Trichloroethane

Concen: 52.782 ug/l

RT: 7.760 min Scan# 2090

Delta R.T. 0.000 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 310832

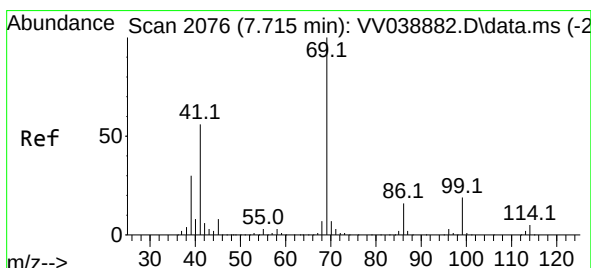
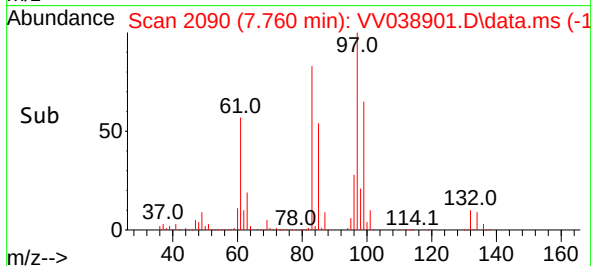
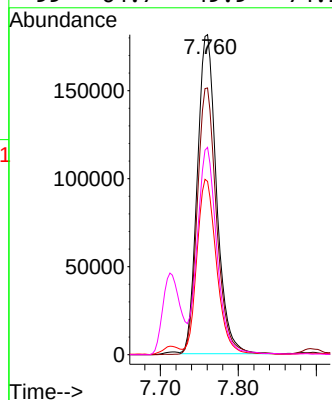
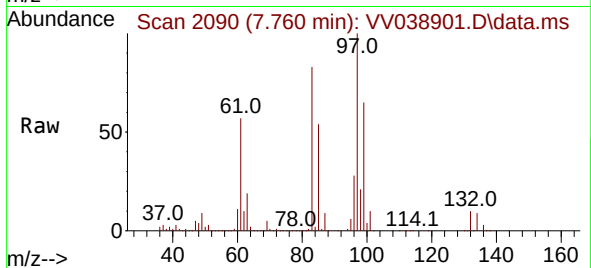
Ion Ratio Lower Upper

97 100

83 83.3 66.2 99.4

85 54.1 41.4 62.2

99 64.7 49.9 74.9



#56

Ethyl methacrylate

Concen: 62.595 ug/l

RT: 7.715 min Scan# 2076

Delta R.T. 0.000 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

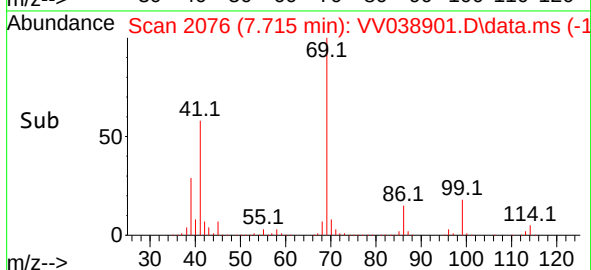
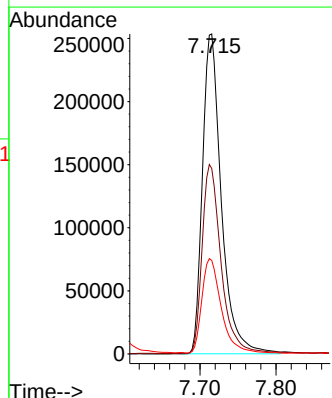
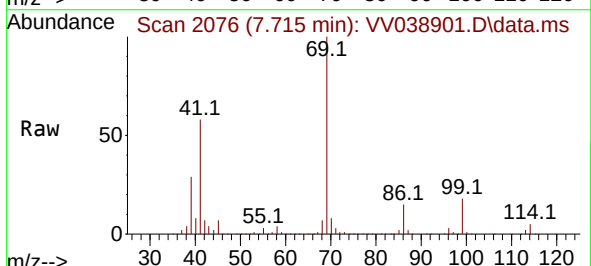
Tgt Ion: 69 Resp: 438040

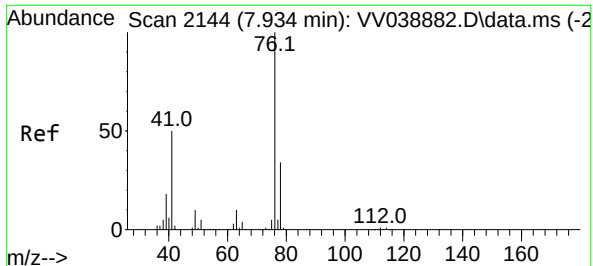
Ion Ratio Lower Upper

69 100

41 59.6 45.7 68.5

39 30.4 23.8 35.8

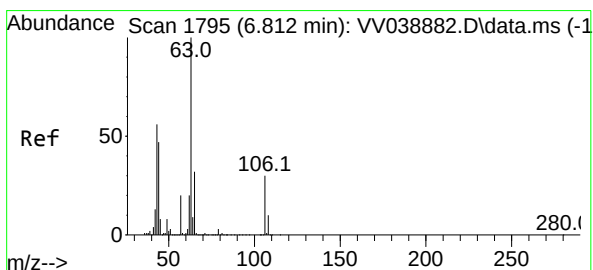
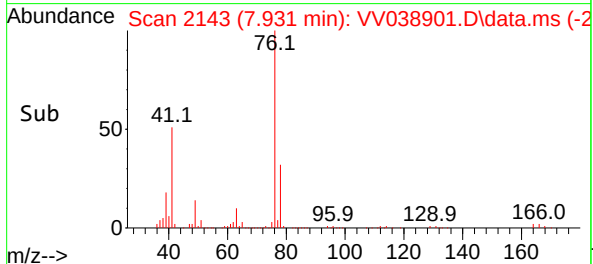
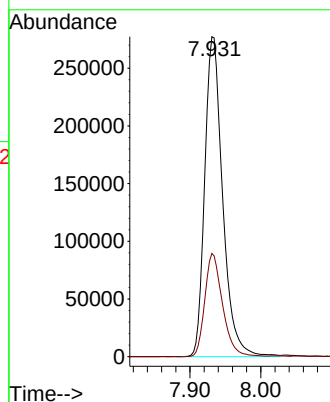
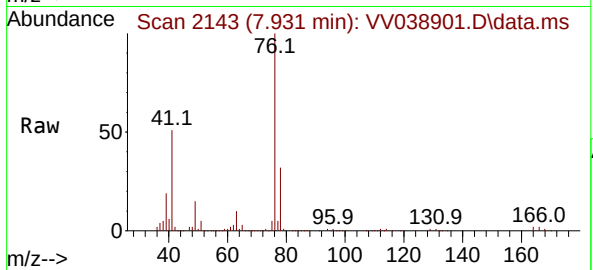




#57
1,3-Dichloropropane
Concen: 55.207 ug/l
RT: 7.931 min Scan# 2144
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

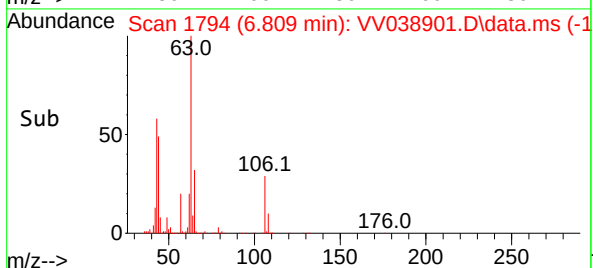
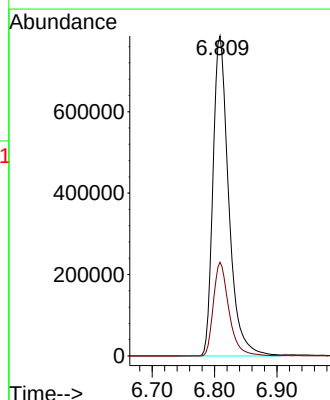
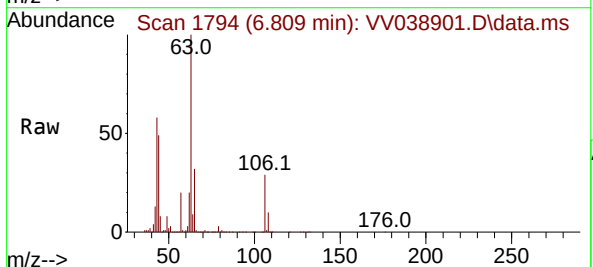
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

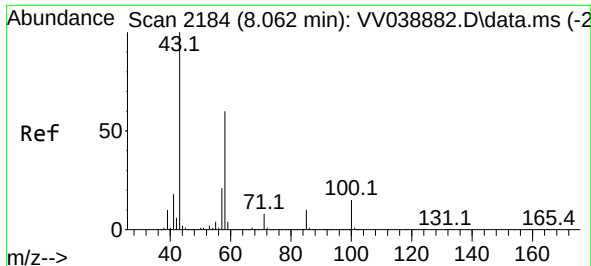
Tgt Ion: 76 Resp: 487476
Ion Ratio Lower Upper
76 100
78 31.9 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 326.144 ug/l
RT: 6.809 min Scan# 1794
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 63 Resp: 1377378
Ion Ratio Lower Upper
63 100
106 29.0 24.1 36.1

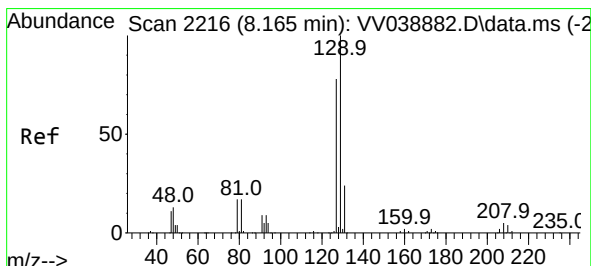
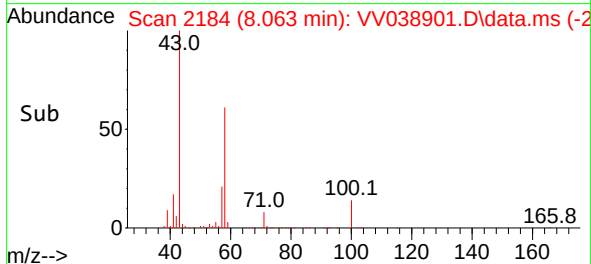
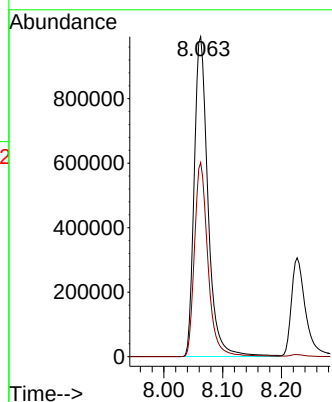
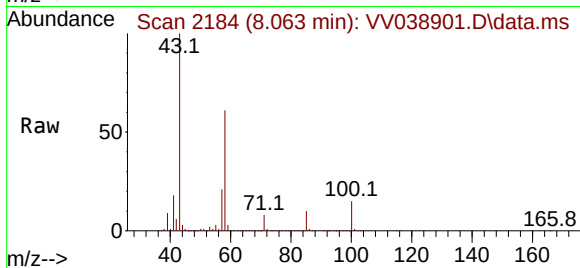




#59
2-Hexanone
Concen: 296.936 ug/l
RT: 8.063 min Scan# 2184
Delta R.T. 0.001 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

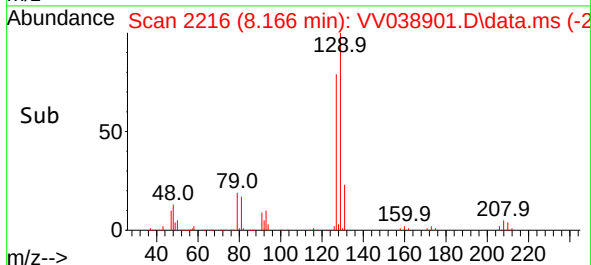
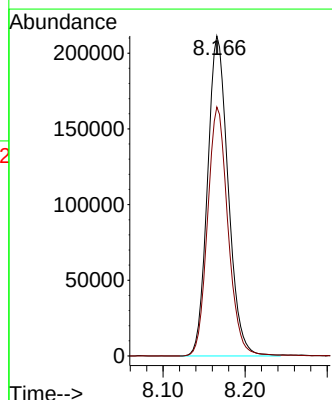
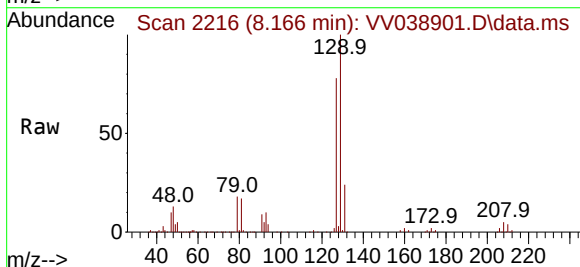
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

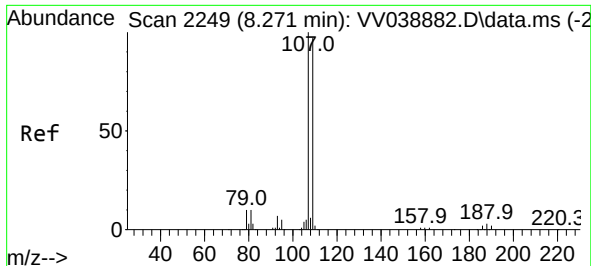
Tgt Ion: 43 Resp: 1616894
Ion Ratio Lower Upper
43 100
58 59.4 29.6 88.8



#60
Dibromochloromethane
Concen: 53.297 ug/l
RT: 8.166 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 129 Resp: 369614
Ion Ratio Lower Upper
129 100
127 76.8 39.4 118.2

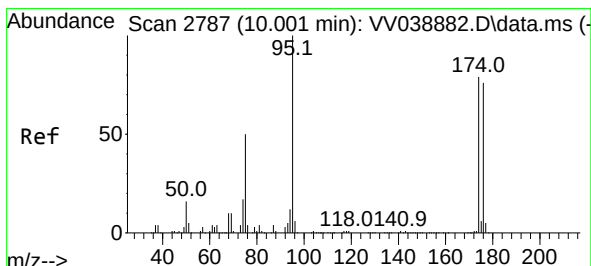
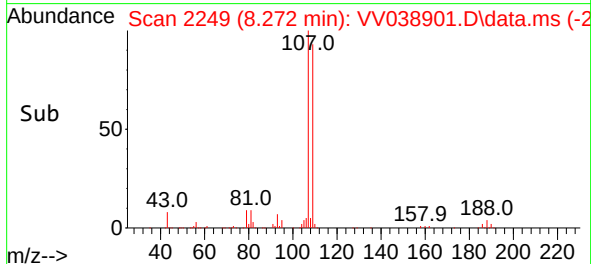
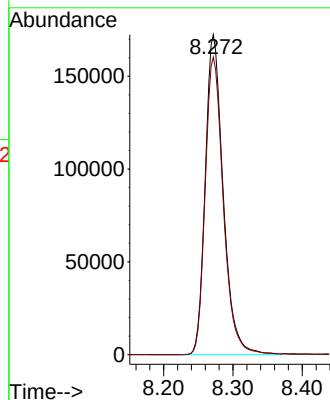
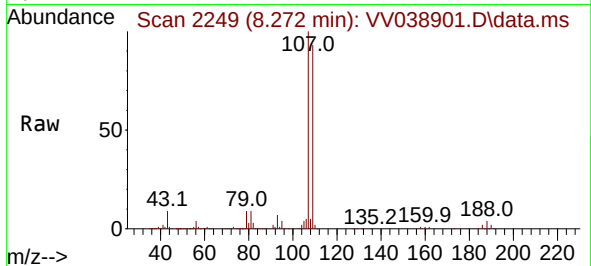




#61
1,2-Dibromoethane
Concen: 52.107 ug/l
RT: 8.272 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

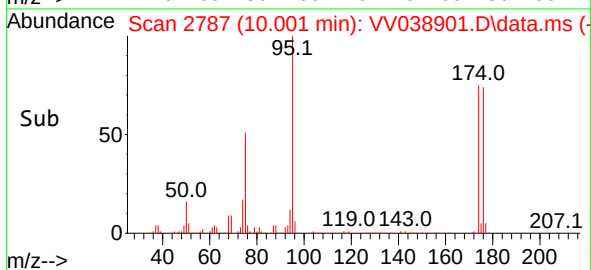
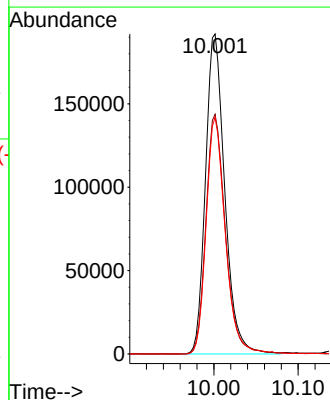
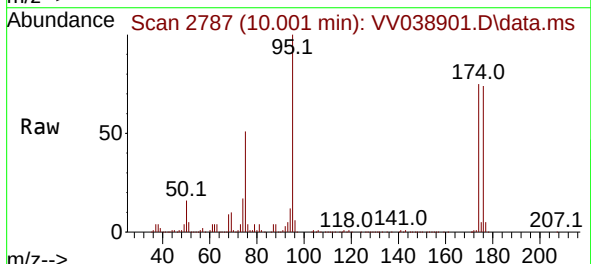
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

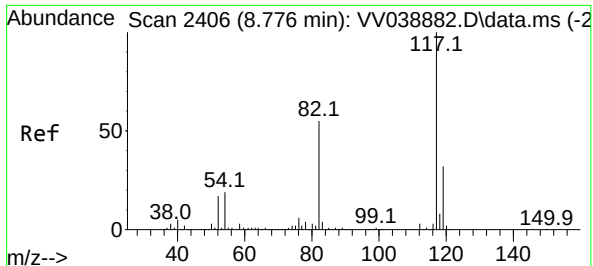
Tgt Ion:107 Resp: 309141
Ion Ratio Lower Upper
107 100
109 94.1 77.1 115.7



#62
4-Bromofluorobenzene
Concen: 49.972 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 95 Resp: 305457
Ion Ratio Lower Upper
95 100
174 76.1 0.0 160.0
176 73.7 0.0 152.2

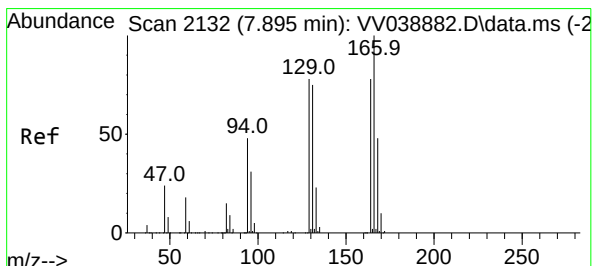
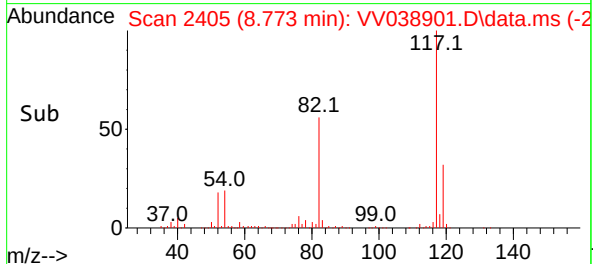
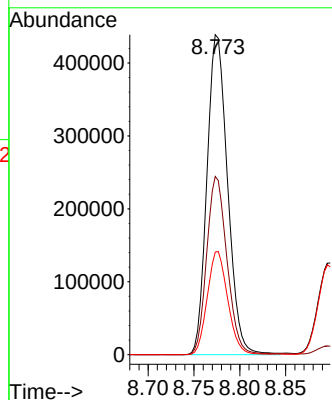
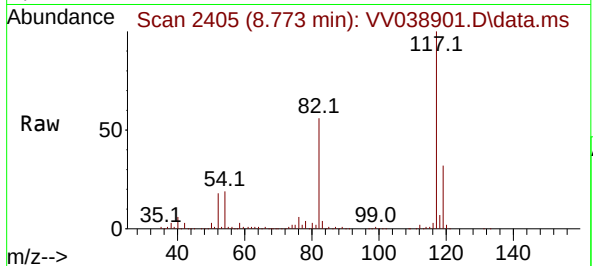




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2406
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

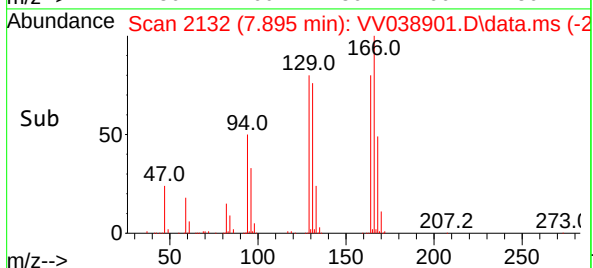
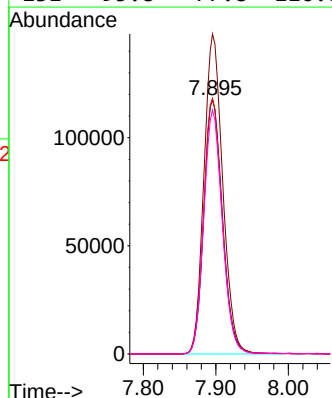
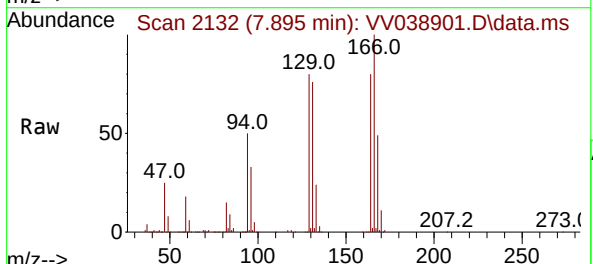
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

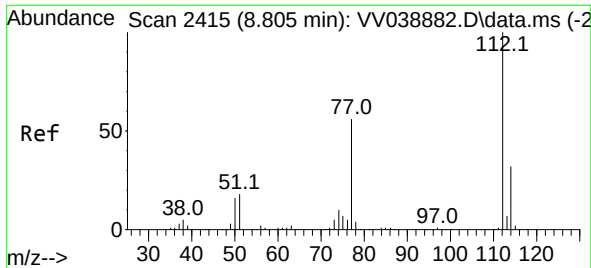
Tgt Ion:117 Resp: 687254
Ion Ratio Lower Upper
117 100
82 55.7 43.7 65.5
119 32.1 25.4 38.0



#64
Tetrachloroethene
Concen: 46.792 ug/l
RT: 7.895 min Scan# 2132
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion:164 Resp: 210904
Ion Ratio Lower Upper
164 100
166 125.8 103.2 154.8
129 100.5 81.0 121.4
131 95.8 77.8 116.8

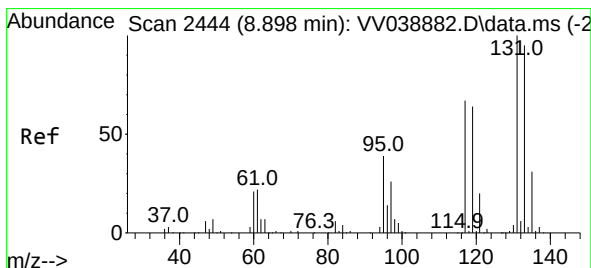
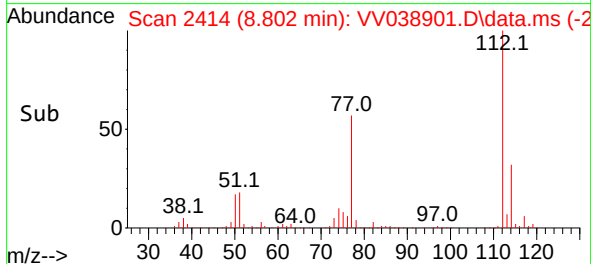
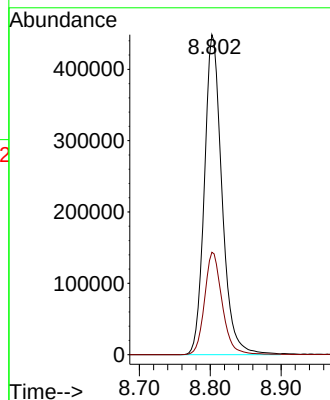
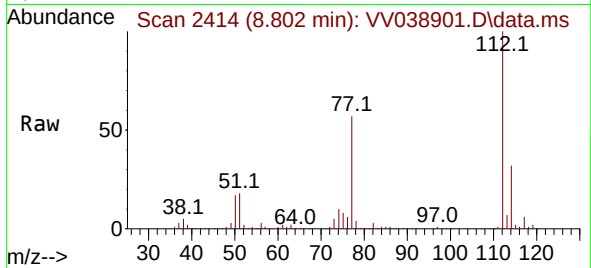




#65
Chlorobenzene
Concen: 51.575 ug/l
RT: 8.802 min Scan# 2415
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

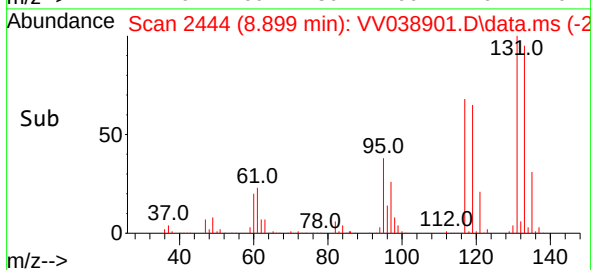
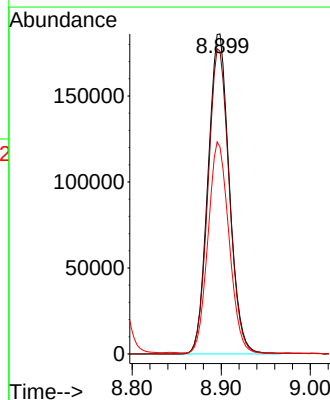
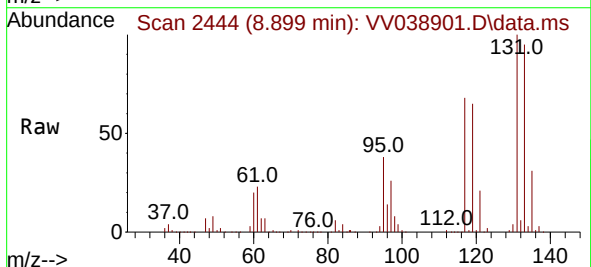
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

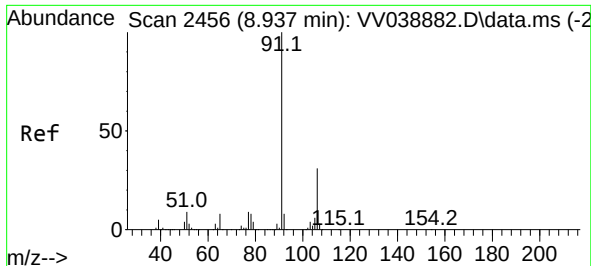
Tgt Ion:112 Resp: 774476
Ion Ratio Lower Upper
112 100
114 32.0 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 51.532 ug/l
RT: 8.899 min Scan# 2444
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion:131 Resp: 308602
Ion Ratio Lower Upper
131 100
133 95.3 47.6 142.9
119 64.9 32.0 96.2

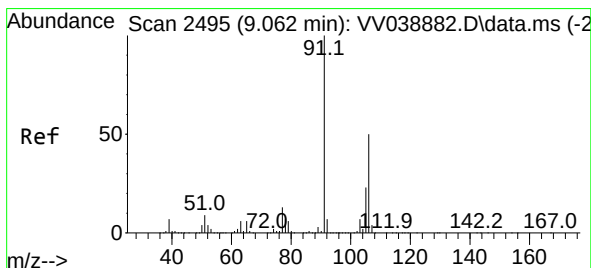
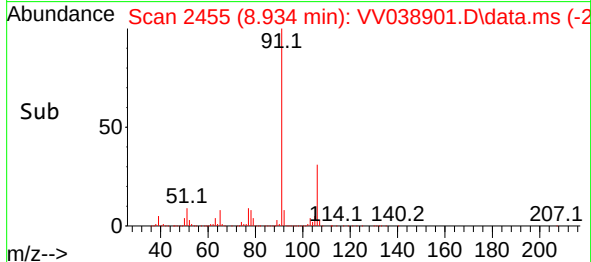
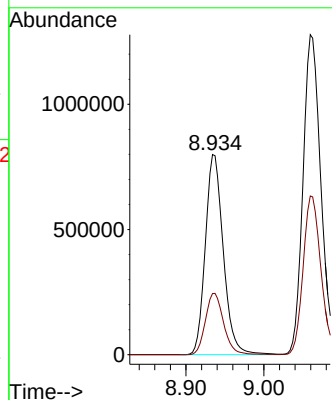
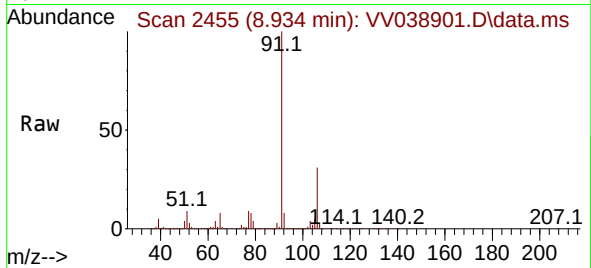




#67
Ethyl Benzene
Concen: 57.522 ug/l
RT: 8.934 min Scan# 2456
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

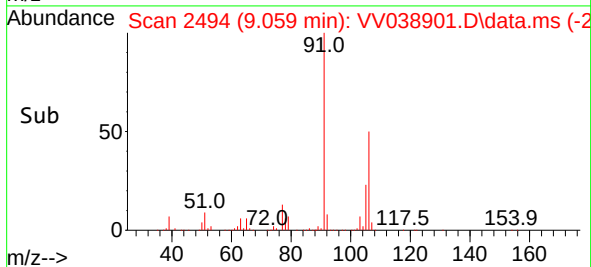
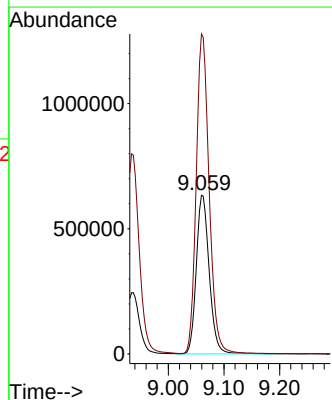
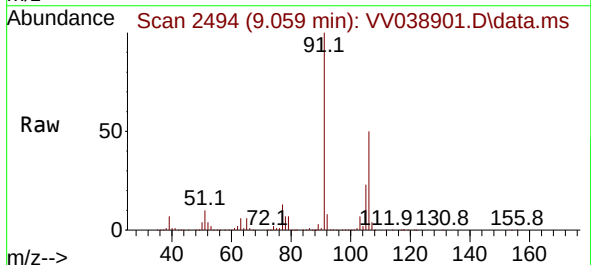
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

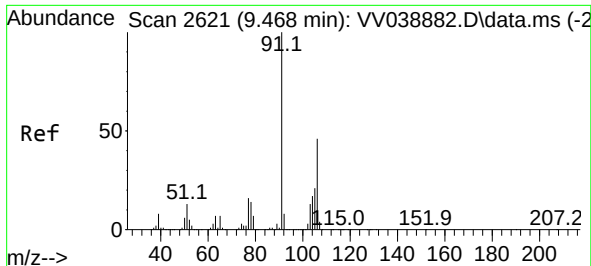
Tgt Ion: 91 Resp: 1282624
Ion Ratio Lower Upper
91 100
106 30.6 24.8 37.2



#68
m/p-Xylenes
Concen: 117.544 ug/l
RT: 9.059 min Scan# 2494
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion:106 Resp: 1020438
Ion Ratio Lower Upper
106 100
91 201.6 161.0 241.6

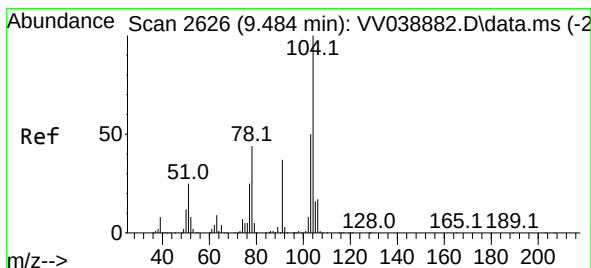
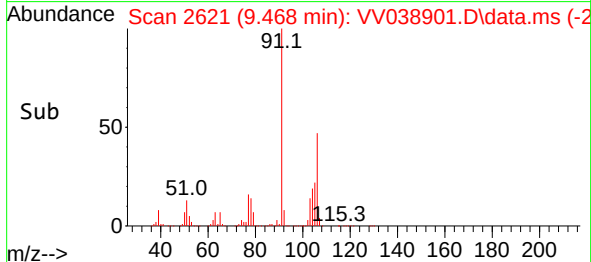
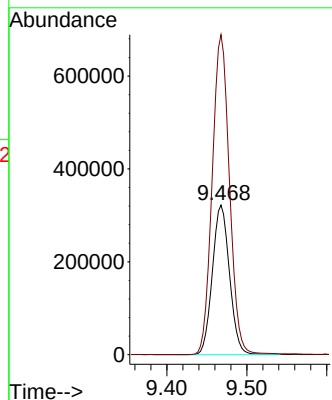
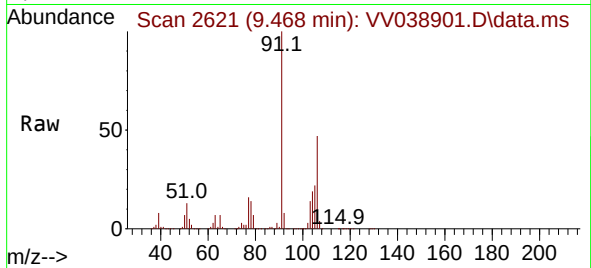




#69
o-Xylene
Concen: 58.595 ug/l
RT: 9.468 min Scan# 2621
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

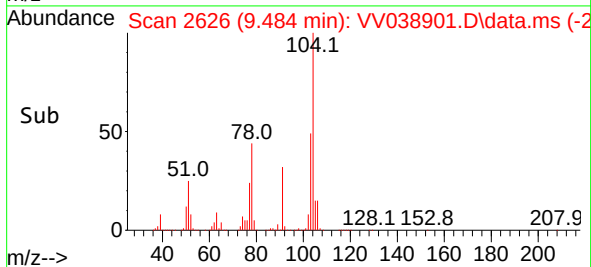
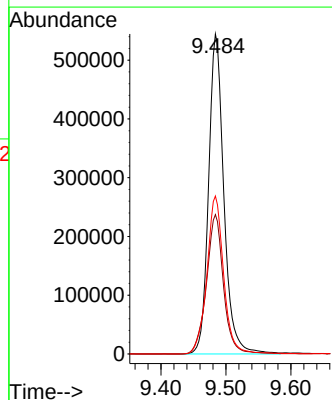
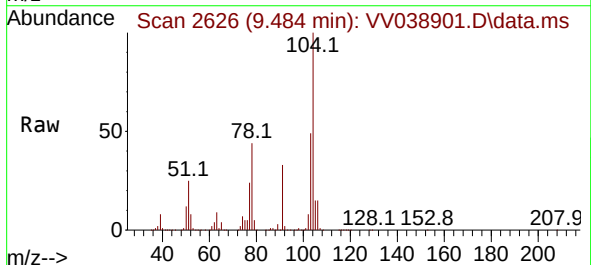
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

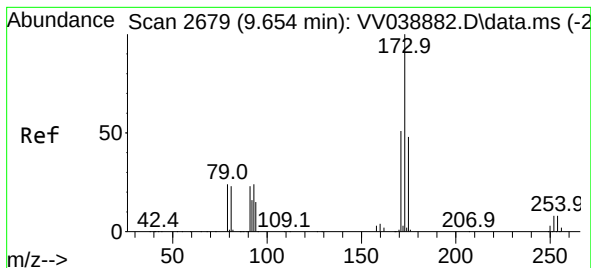
Tgt Ion:106 Resp: 480119
Ion Ratio Lower Upper
106 100
91 215.4 108.9 326.6



#70
Styrene
Concen: 61.633 ug/l
RT: 9.484 min Scan# 2626
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion:104 Resp: 892564
Ion Ratio Lower Upper
104 100
78 48.7 39.9 59.9
103 54.4 43.4 65.2





#71

Bromoform

Concen: 55.299 ug/l

RT: 9.654 min Scan# 2

Delta R.T. 0.000 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

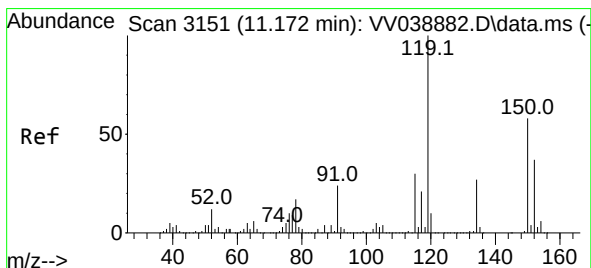
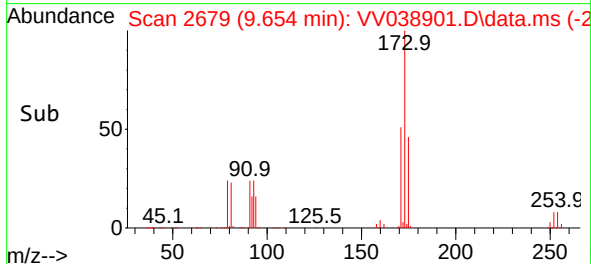
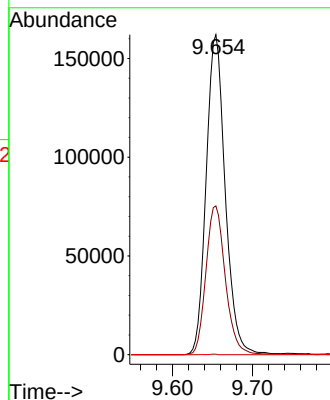
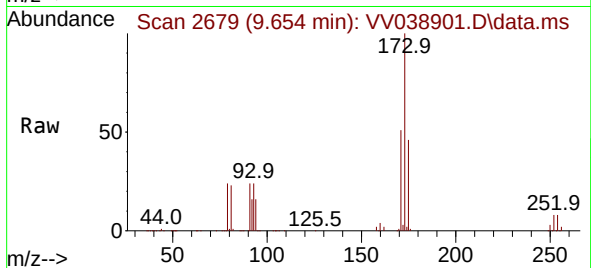
Tgt Ion:173 Resp: 269179

Ion Ratio Lower Upper

173 100

175 47.3 23.5 70.6

254 0.1 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

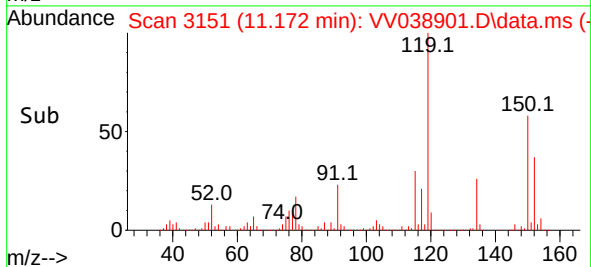
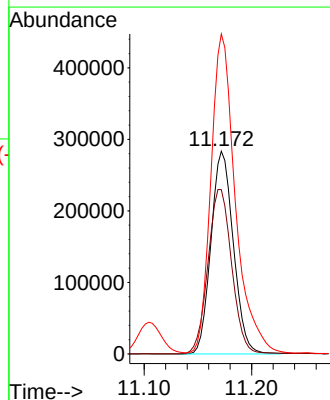
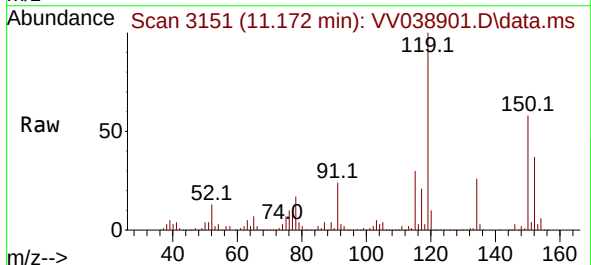
Tgt Ion:152 Resp: 409793

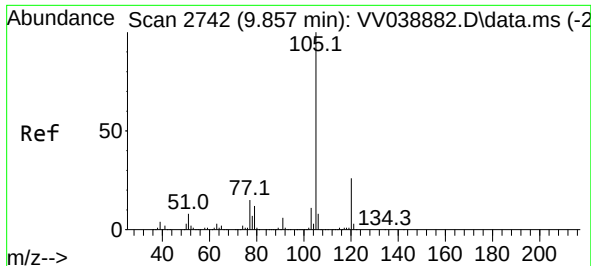
Ion Ratio Lower Upper

152 100

115 86.0 41.8 125.4

150 171.8 0.0 342.4

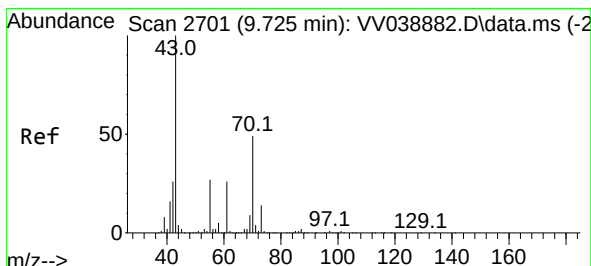
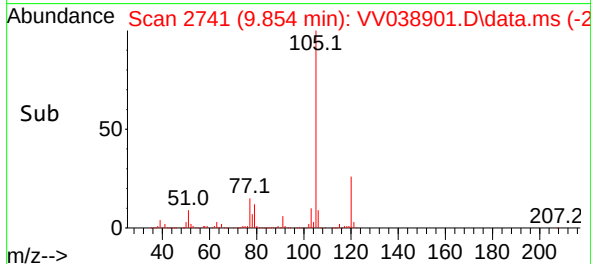
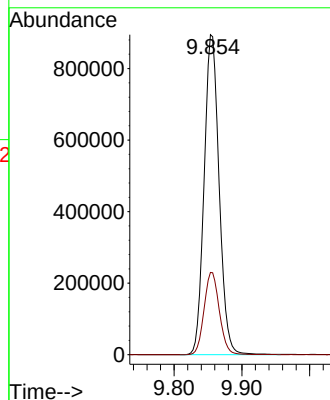
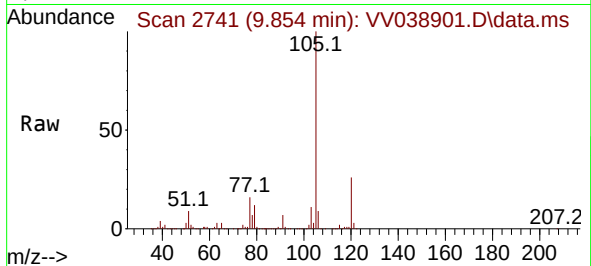




#73
Isopropylbenzene
Concen: 56.108 ug/l
RT: 9.854 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

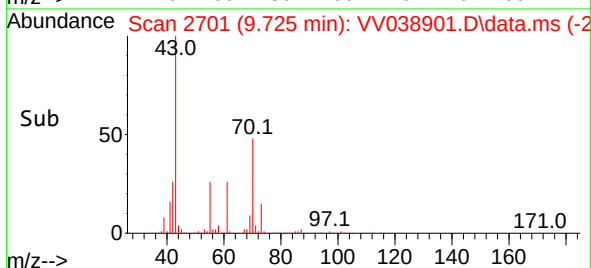
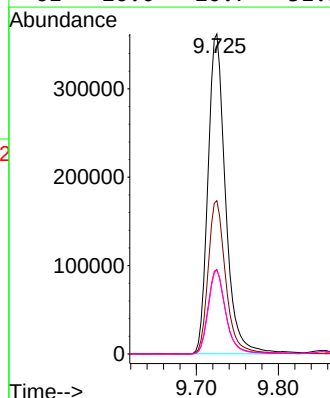
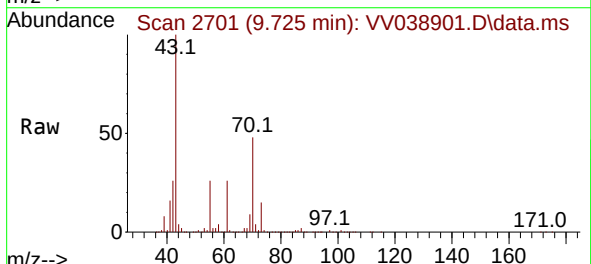
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

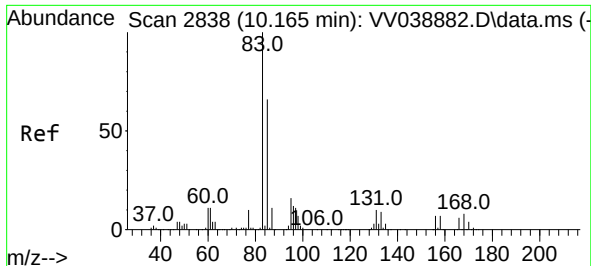
Tgt Ion:105 Resp: 1373830
Ion Ratio Lower Upper
105 100
120 26.2 12.9 38.7



#74
N-ethyl acetate
Concen: 59.915 ug/l
RT: 9.725 min Scan# 2701
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 43 Resp: 537407
Ion Ratio Lower Upper
43 100
70 48.3 38.6 58.0
55 27.0 21.8 32.8
61 26.0 20.7 31.1

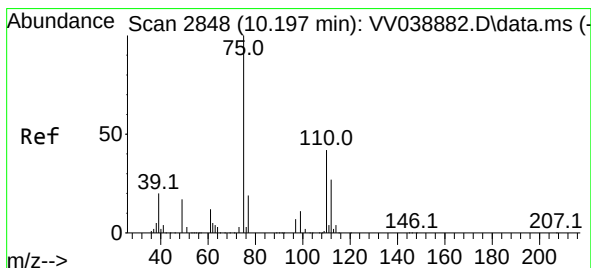
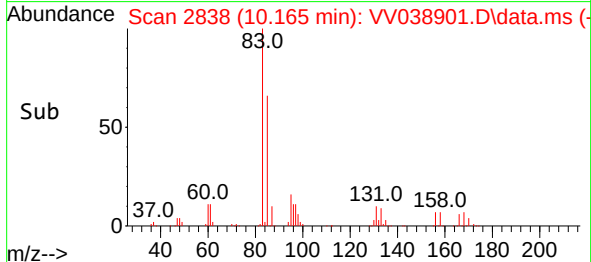
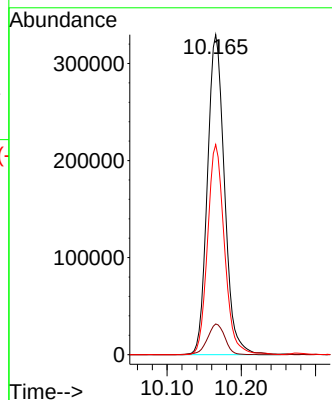
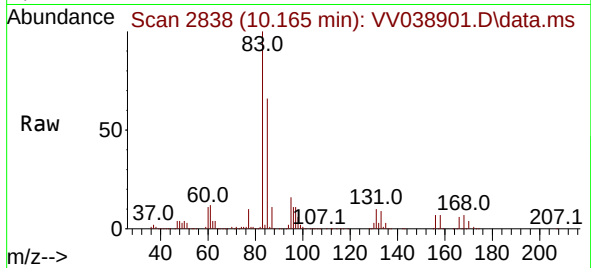




#75
1,1,2,2-Tetrachloroethane
Concen: 51.339 ug/l
RT: 10.165 min Scan# 2838
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

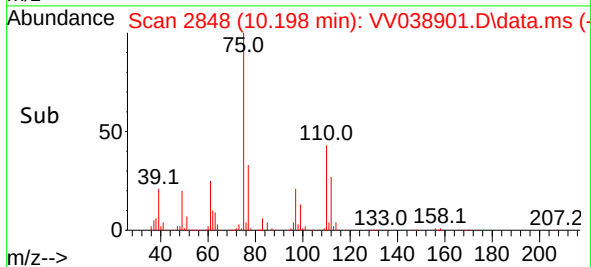
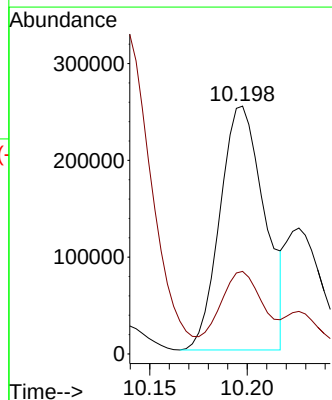
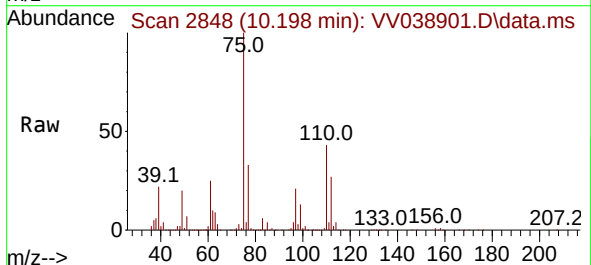
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

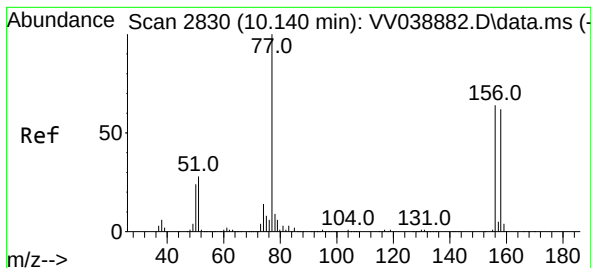
Tgt Ion: 83 Resp: 526538
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.4
85 64.9 32.6 97.7



#76
1,2,3-Trichloropropane
Concen: 52.707 ug/l
RT: 10.198 min Scan# 2848
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 75 Resp: 401580
Ion Ratio Lower Upper
75 100
77 23.2 17.4 52.3





#77

Bromobenzene

Concen: 52.783 ug/l

RT: 10.140 min Scan# 2830

Delta R.T. 0.000 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

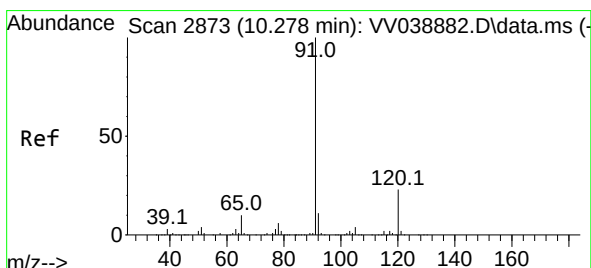
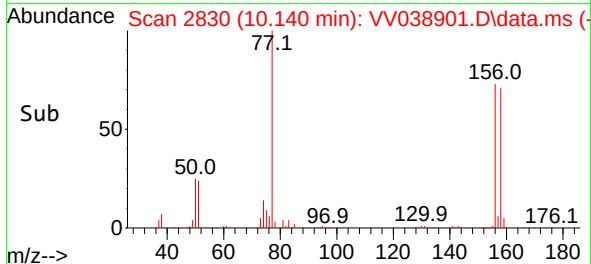
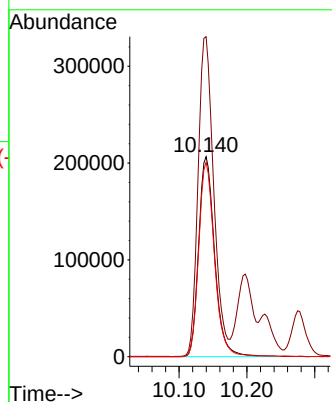
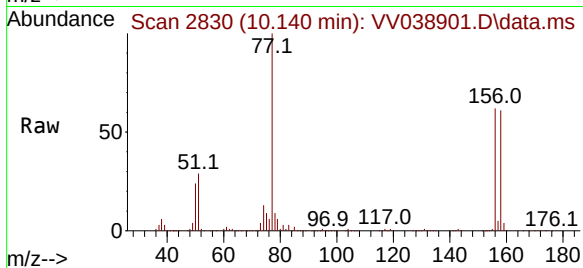
Tgt Ion:156 Resp: 339024

Ion Ratio Lower Upper

156 100

77 156.5 77.2 231.6

158 95.7 48.4 145.3



#78

n-propylbenzene

Concen: 57.895 ug/l

RT: 10.278 min Scan# 2873

Delta R.T. 0.000 min

Lab File: VV038901.D

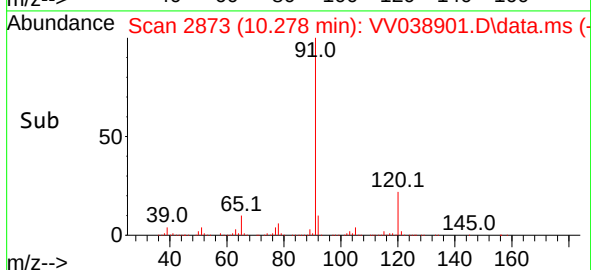
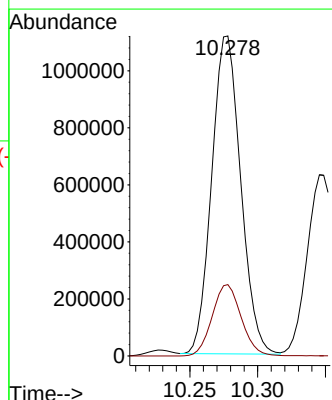
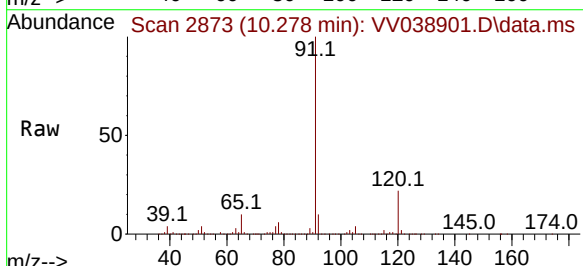
Acq: 16 Jul 2025 10:51

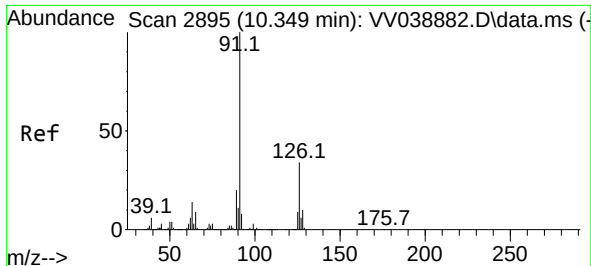
Tgt Ion: 91 Resp: 1656823

Ion Ratio Lower Upper

91 100

120 22.6 11.6 34.8

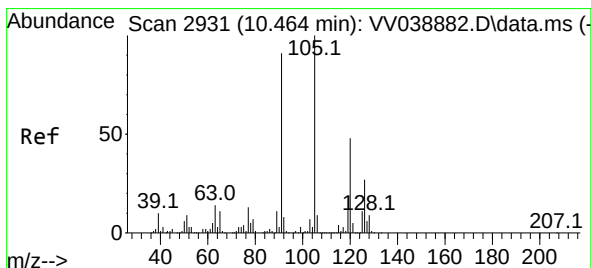
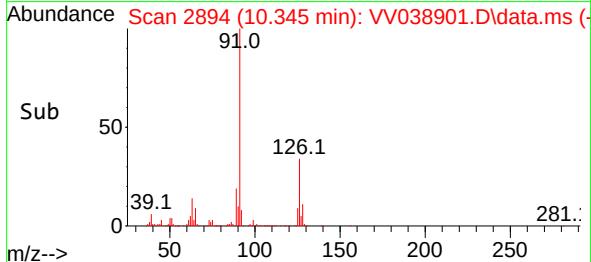
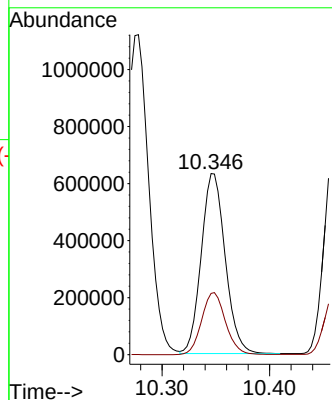
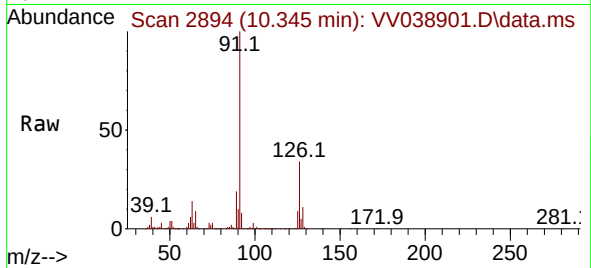




#79
2-Chlorotoluene
Concen: 53.726 ug/l
RT: 10.345 min Scan# 2895
Delta R.T. -0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

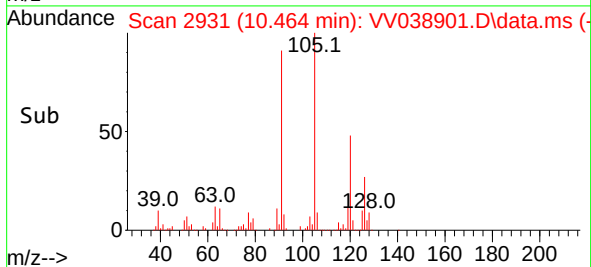
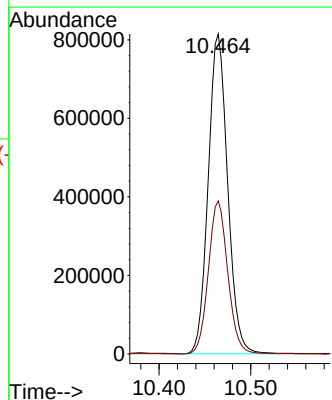
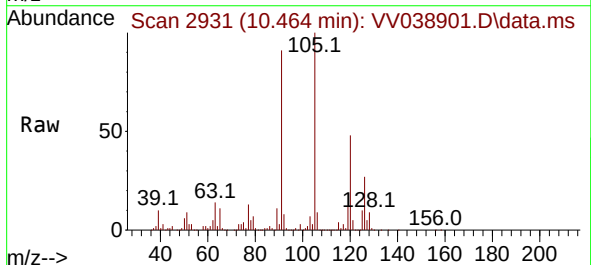
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

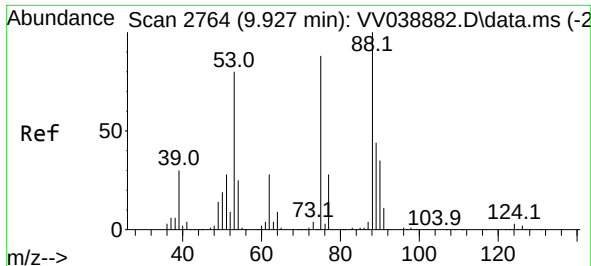
Tgt Ion: 91 Resp: 977801
Ion Ratio Lower Upper
91 100
126 34.5 17.1 51.2



#80
1,3,5-Trimethylbenzene
Concen: 57.986 ug/l
RT: 10.464 min Scan# 2931
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion:105 Resp: 1197347
Ion Ratio Lower Upper
105 100
120 47.9 24.0 72.0

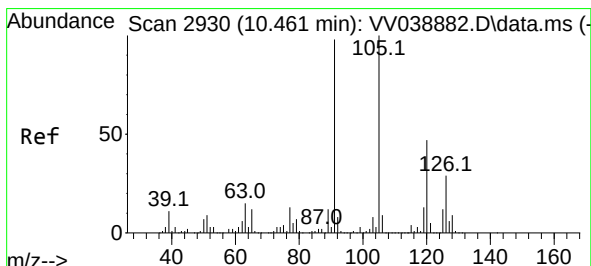
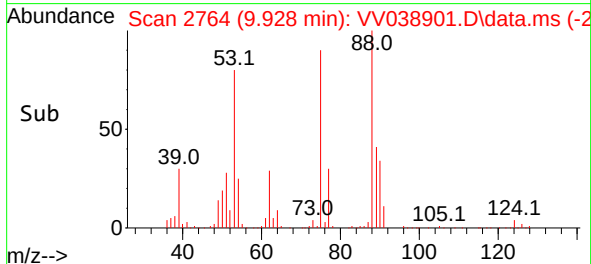
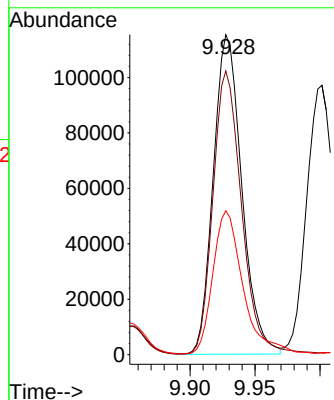
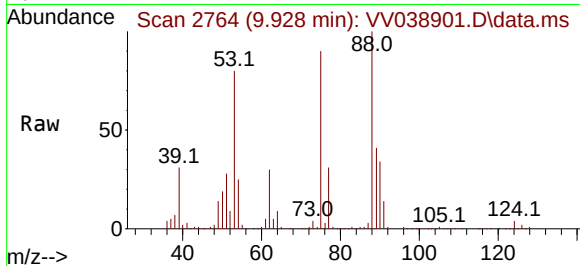




#81
trans-1,4-Dichloro-2-butene
Concen: 56.262 ug/l
RT: 9.928 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

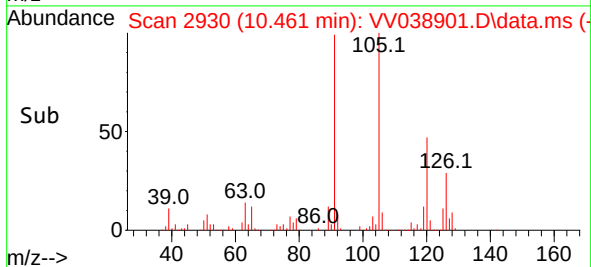
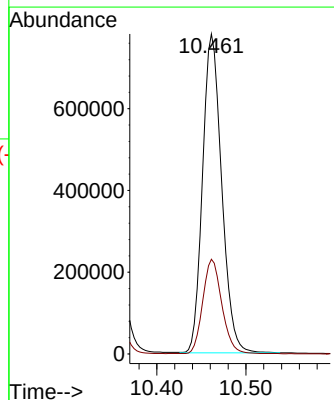
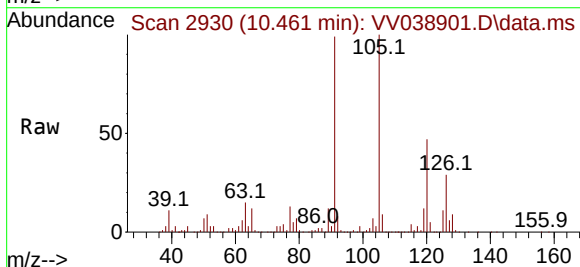
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

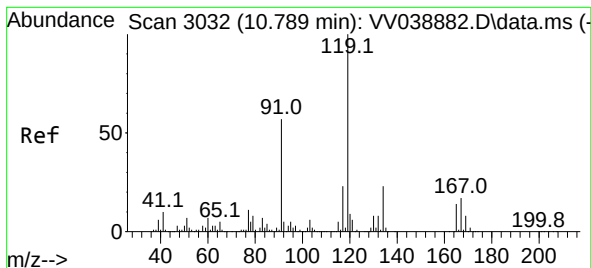
Tgt Ion: 75 Resp: 175661
Ion Ratio Lower Upper
75 100
53 88.8 71.3 106.9
89 47.6 42.2 63.2



#82
4-Chlorotoluene
Concen: 57.095 ug/l
RT: 10.461 min Scan# 2930
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 91 Resp: 1161567
Ion Ratio Lower Upper
91 100
126 29.5 14.9 44.9





#83

tert-Butylbenzene

Concen: 56.665 ug/l

RT: 10.789 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

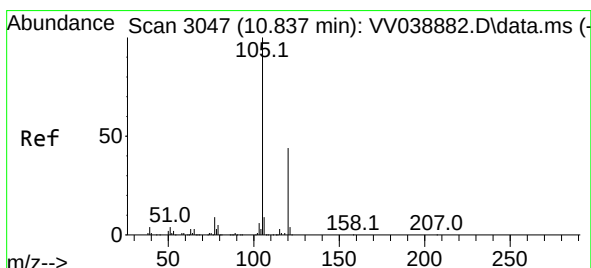
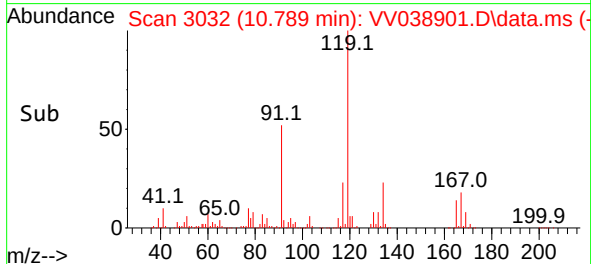
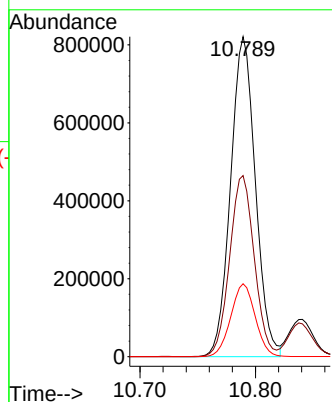
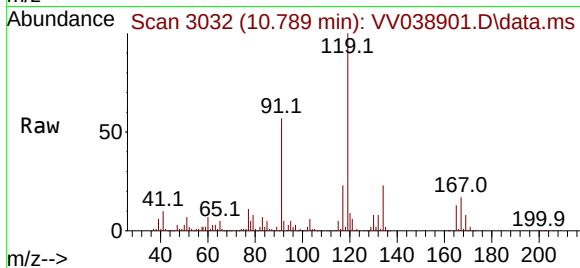
Tgt Ion:119 Resp: 1226740

Ion Ratio Lower Upper

119 100

91 56.2 28.1 84.2

134 22.5 11.4 34.1



#84

1,2,4-Trimethylbenzene

Concen: 58.285 ug/l

RT: 10.837 min Scan# 3047

Delta R.T. 0.000 min

Lab File: VV038901.D

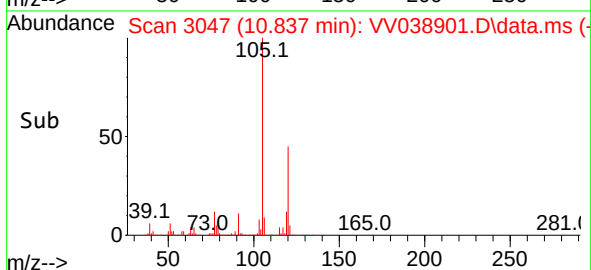
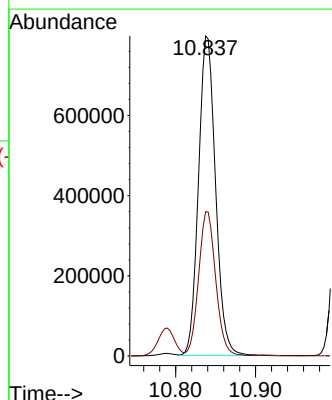
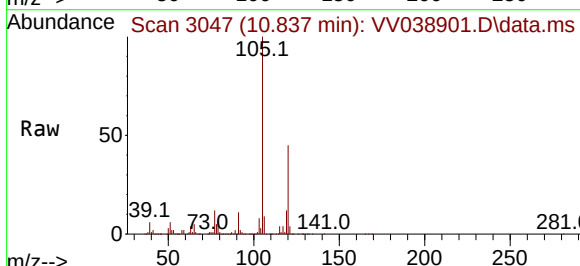
Acq: 16 Jul 2025 10:51

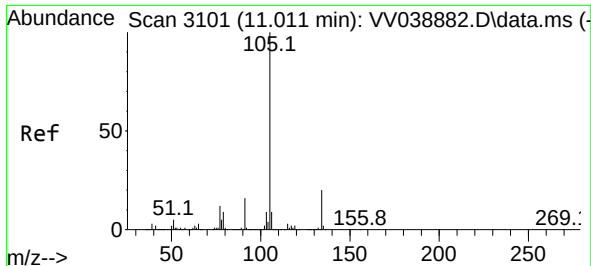
Tgt Ion:105 Resp: 1184226

Ion Ratio Lower Upper

105 100

120 45.4 22.6 67.8

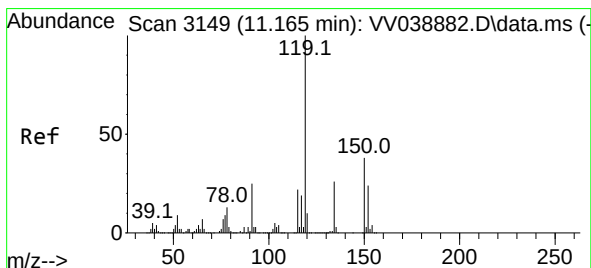
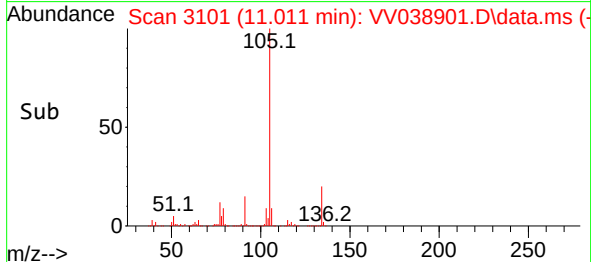
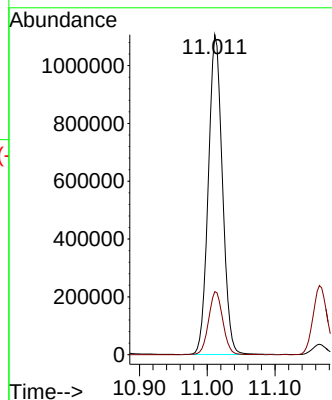
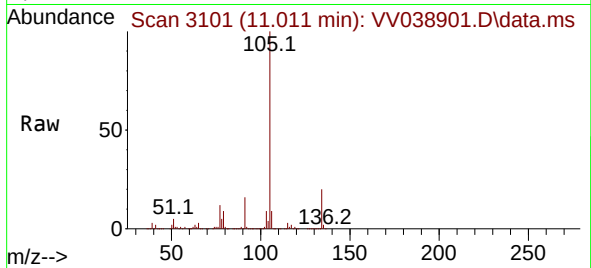




#85
 sec-Butylbenzene
 Concen: 57.696 ug/l
 RT: 11.011 min Scan# 3101
 Delta R.T. 0.000 min
 Lab File: VV038901.D
 Acq: 16 Jul 2025 10:51

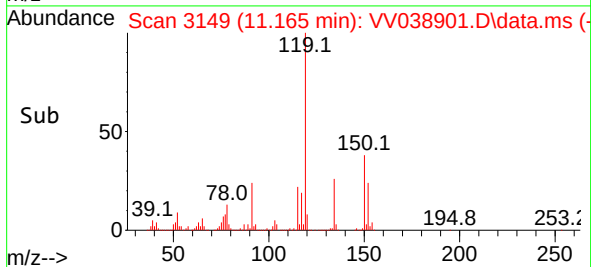
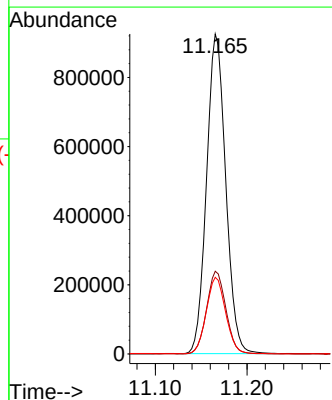
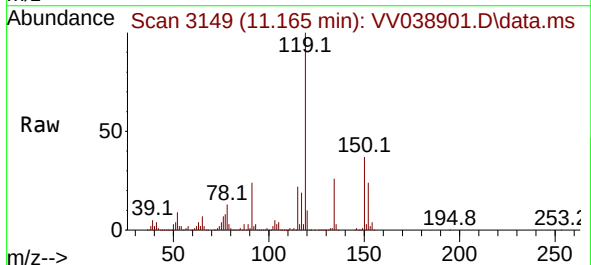
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

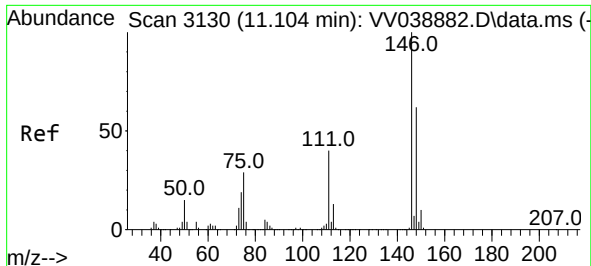
Tgt Ion:105 Resp: 1594186
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 57.236 ug/l
 RT: 11.165 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VV038901.D
 Acq: 16 Jul 2025 10:51

Tgt Ion:119 Resp: 1342706
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.1 39.3
 91 24.1 12.3 36.8

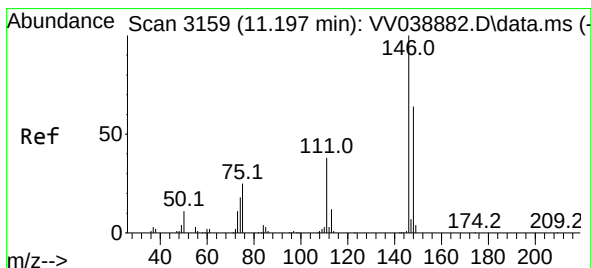
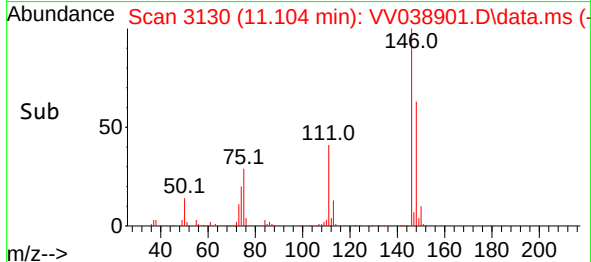
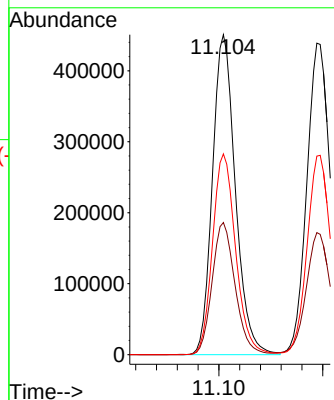
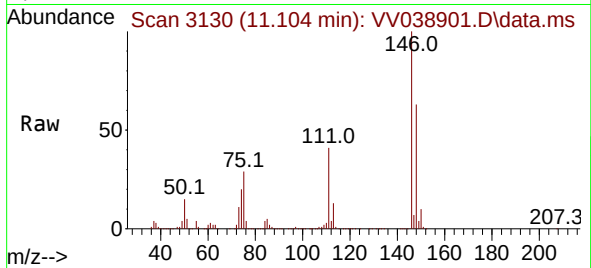




#87
 1,3-Dichlorobenzene
 Concen: 52.616 ug/l
 RT: 11.104 min Scan# 3130
 Delta R.T. 0.000 min
 Lab File: VV038901.D
 Acq: 16 Jul 2025 10:51

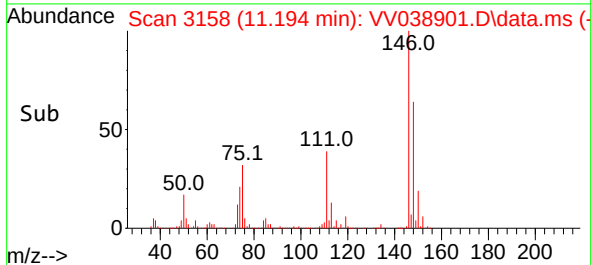
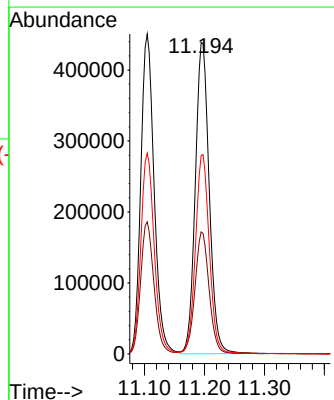
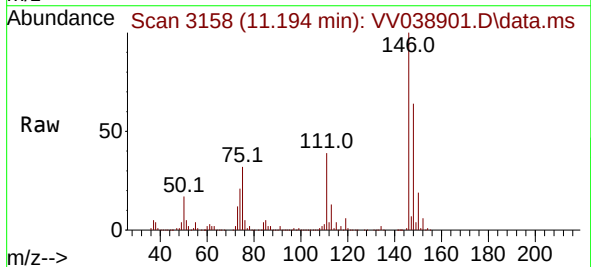
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC050

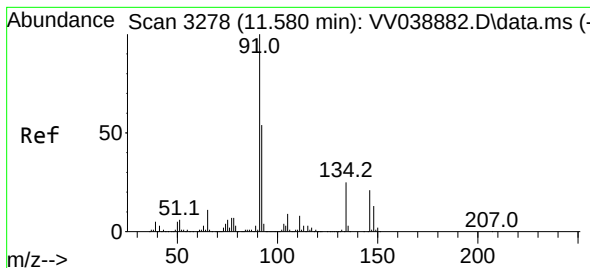
Tgt Ion:146 Resp: 689824
 Ion Ratio Lower Upper
 146 100
 111 41.2 20.2 60.5
 148 63.3 31.4 94.3



#88
 1,4-Dichlorobenzene
 Concen: 49.907 ug/l
 RT: 11.194 min Scan# 3158
 Delta R.T. -0.003 min
 Lab File: VV038901.D
 Acq: 16 Jul 2025 10:51

Tgt Ion:146 Resp: 711757
 Ion Ratio Lower Upper
 146 100
 111 39.5 19.8 59.3
 148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 60.398 ug/l

RT: 11.580 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

Instrument :

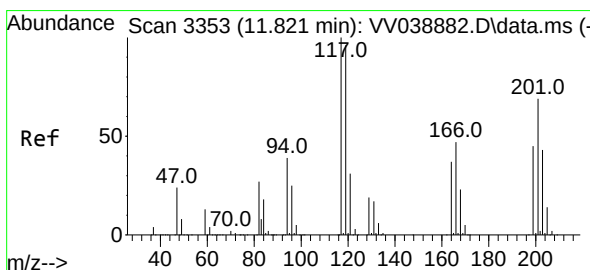
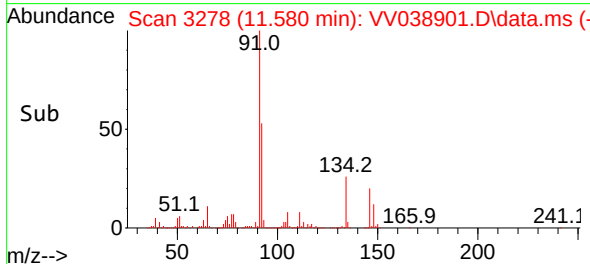
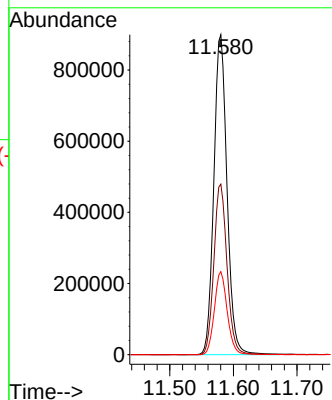
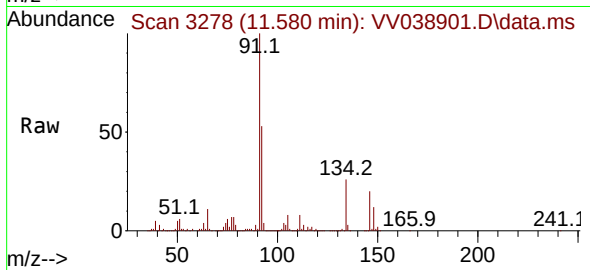
MSVOA_V

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 1293454

Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.7	80.1
134	25.3	12.7	38.1



#90

Hexachloroethane

Concen: 49.568 ug/l

RT: 11.821 min Scan# 3353

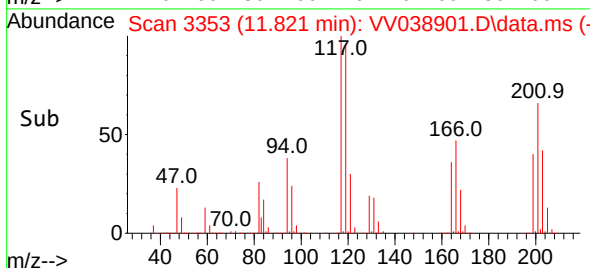
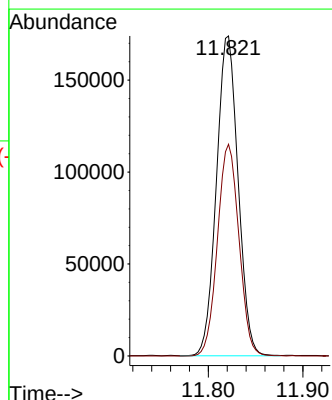
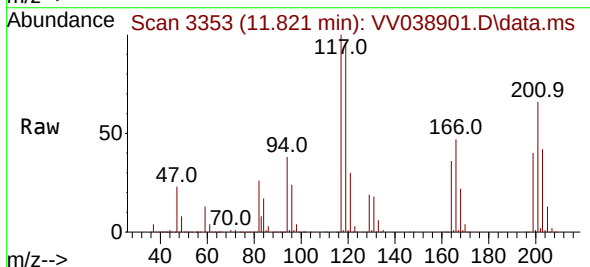
Delta R.T. 0.000 min

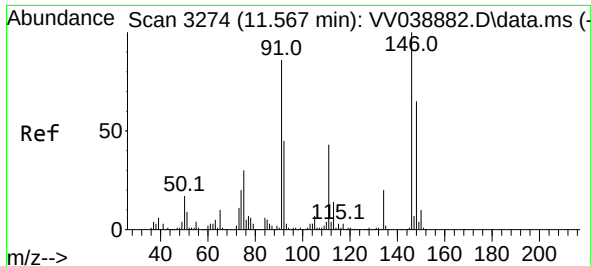
Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

Tgt Ion: 117 Resp: 276568

Ion	Ratio	Lower	Upper
117	100		
201	65.7	34.0	102.0

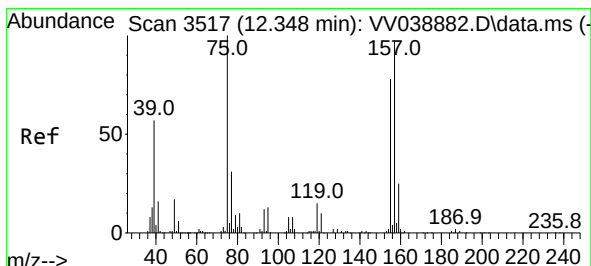
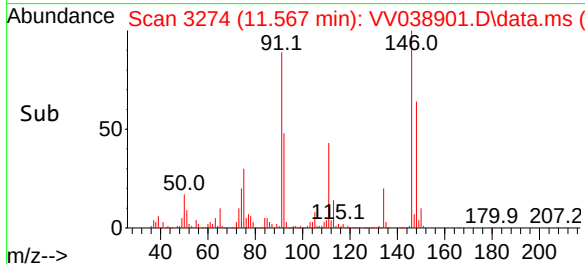
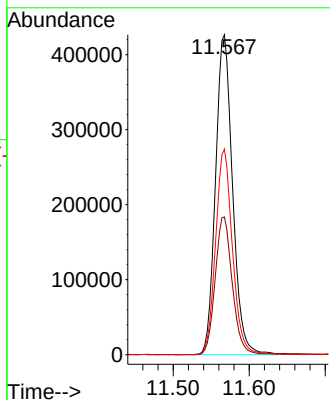
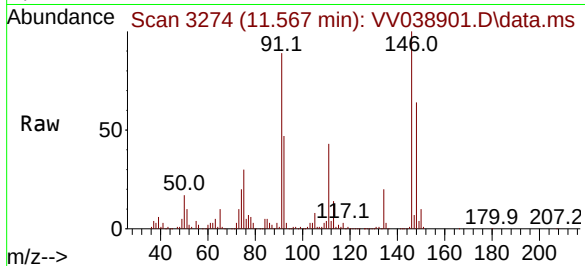




#91
1,2-Dichlorobenzene
Concen: 52.176 ug/l
RT: 11.567 min Scan# 311
Delta R.T. 0.000 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

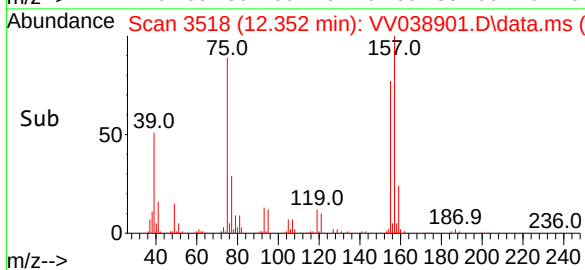
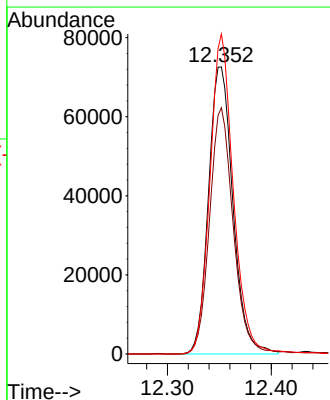
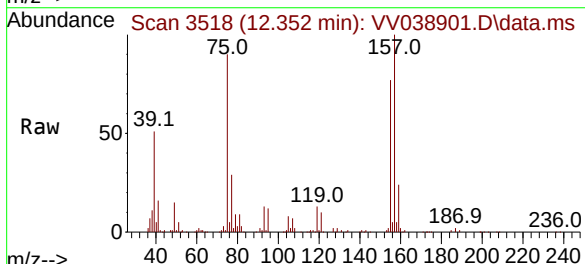
Instrument :
MSVOA_V
ClientSampleId :
VSTDCCC050

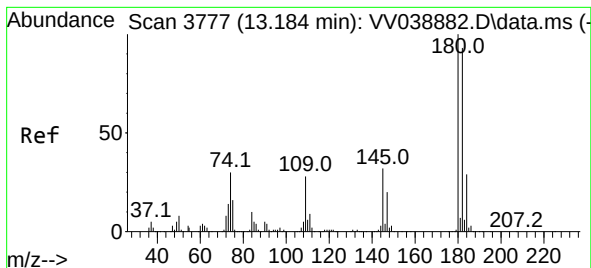
Tgt Ion:146 Resp: 664041
Ion Ratio Lower Upper
146 100
111 43.3 21.4 64.3
148 63.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.232 ug/l
RT: 12.352 min Scan# 3518
Delta R.T. 0.003 min
Lab File: VV038901.D
Acq: 16 Jul 2025 10:51

Tgt Ion: 75 Resp: 118796
Ion Ratio Lower Upper
75 100
155 83.5 40.2 120.6
157 106.9 51.1 153.3





#93

1,2,4-Trichlorobenzene

Concen: 58.973 ug/l

RT: 13.185 min Scan# 3777

Delta R.T. 0.000 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

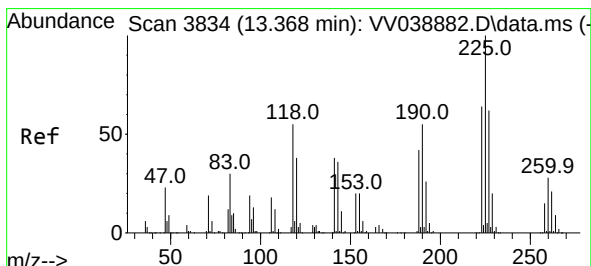
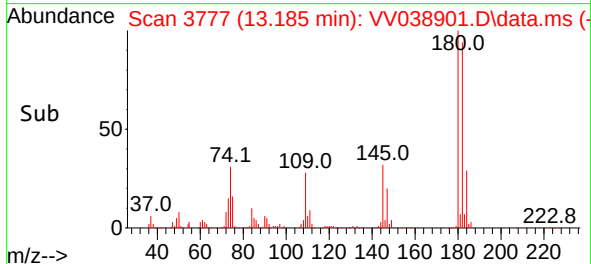
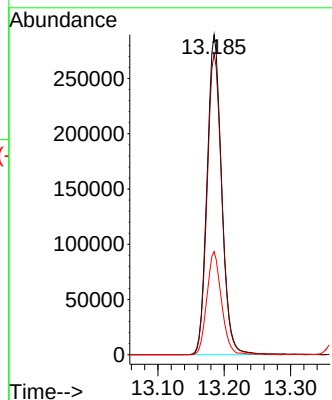
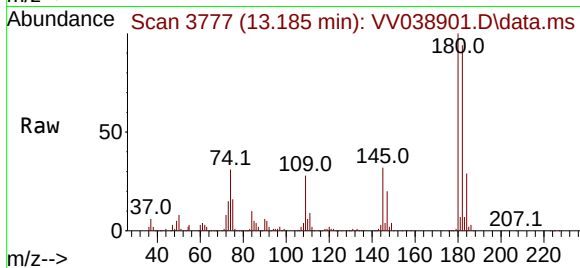
Tgt Ion:180 Resp: 443040

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.3

145 32.0 16.2 48.6



#94

Hexachlorobutadiene

Concen: 52.304 ug/l

RT: 13.368 min Scan# 3834

Delta R.T. 0.000 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

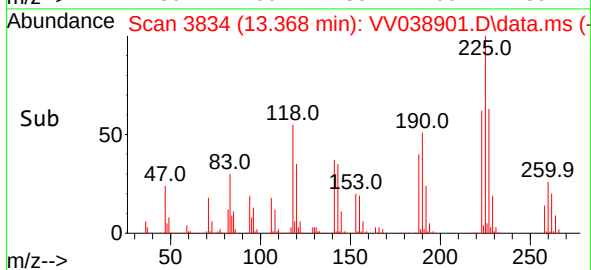
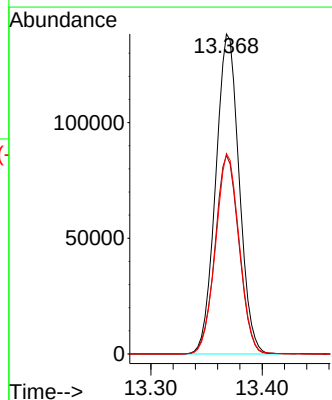
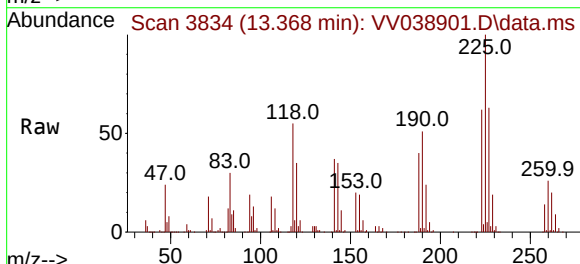
Tgt Ion:225 Resp: 202354

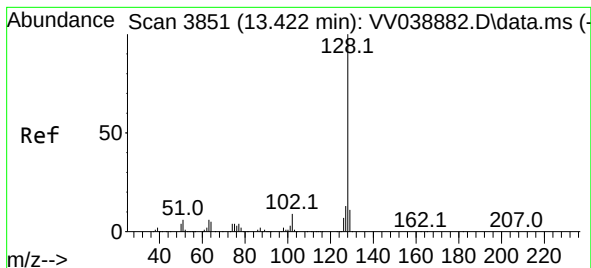
Ion Ratio Lower Upper

225 100

223 63.2 32.4 97.2

227 63.4 31.3 93.9





#95

Naphthalene

Concen: 63.173 ug/l

RT: 13.423 min Scan# 3851

Delta R.T. 0.000 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

Instrument :

MSVOA_V

ClientSampleId :

VSTDCCC050

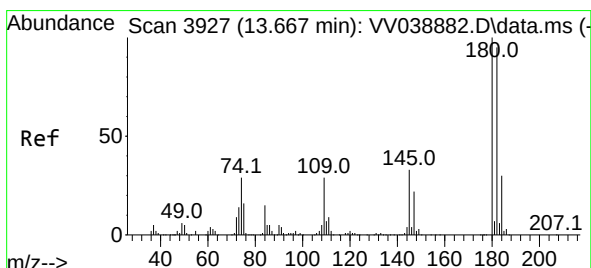
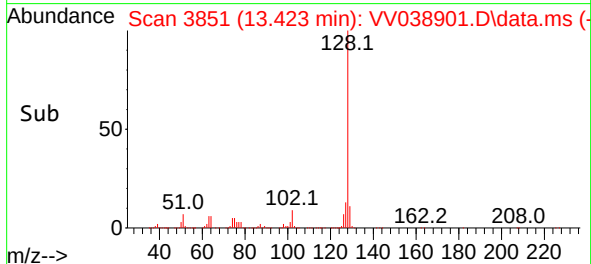
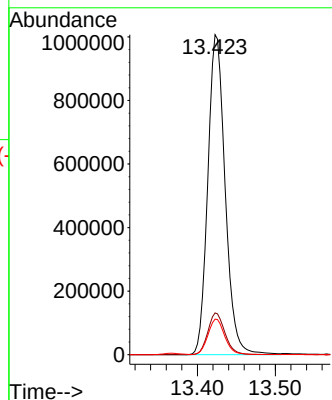
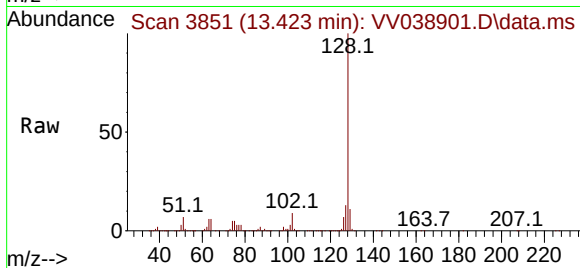
Tgt Ion:128 Resp: 1559314

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 58.875 ug/l

RT: 13.667 min Scan# 3927

Delta R.T. 0.000 min

Lab File: VV038901.D

Acq: 16 Jul 2025 10:51

Tgt Ion:180 Resp: 458456

Ion Ratio Lower Upper

180 100

182 95.2 47.0 141.2

145 34.2 17.0 51.0

