

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092625\
 Data File : VU063649.D
 Acq On : 25 Sep 2025 18:20
 Operator : MD/SY
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 26 06:40:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U092625W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 26 06:28:53 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.357	168	142136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.235	114	249117	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	234169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	129332	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.689	65	80881	55.238	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.480%	
35) Dibromofluoromethane	5.274	113	68736	50.950	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.900%	
50) Toluene-d8	7.888	98	213117	48.812	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.620%	
62) 4-Bromofluorobenzene	10.624	95	99097	50.613	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.220%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.377	85	68711	51.928	ug/l	100
3) Chloromethane	1.515	50	85352	49.192	ug/l	100
4) Vinyl Chloride	1.596	62	100674	50.946	ug/l	100
5) Bromomethane	1.824	94	67717	46.851	ug/l	100
6) Chloroethane	1.911	64	67451	50.268	ug/l	100
7) Trichlorofluoromethane	2.120	101	145335	50.029	ug/l	100
8) Diethyl Ether	2.367	74	55633	48.861	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.563	101	76440	48.270	ug/l	100
10) Methyl Iodide	2.705	142	111501	56.797	ug/l	100
11) Tert butyl alcohol	3.178	59	112189	256.757	ug/l	100
12) 1,1-Dichloroethene	2.560	96	73521	46.959	ug/l	100
13) Acrolein	2.473	56	18528	258.673	ug/l	100
14) Allyl chloride	2.907	41	120024	51.728	ug/l	100
15) Acrylonitrile	3.296	53	291863	263.484	ug/l	100
16) Acetone	2.615	43	260506	263.112	ug/l	100
17) Carbon Disulfide	2.776	76	168530	52.659	ug/l	100
18) Methyl Acetate	2.936	43	136836	52.705	ug/l	100
19) Methyl tert-butyl Ether	3.351	73	249246	51.591	ug/l	100
20) Methylene Chloride	3.026	84	88793	52.462	ug/l	100
21) trans-1,2-Dichloroethene	3.335	96	79869	51.895	ug/l	100
22) Diisopropyl ether	3.978	45	243449	50.987	ug/l	100
23) Vinyl Acetate	3.940	43	967391	277.677	ug/l	100
24) 1,1-Dichloroethane	3.849	63	153365	51.170	ug/l	100
25) 2-Butanone	4.689	43	378940	270.500	ug/l	100
26) 2,2-Dichloropropane	4.647	77	99144	51.734	ug/l	100
27) cis-1,2-Dichloroethene	4.650	96	95611	49.870	ug/l	100
28) Bromochloromethane	4.952	49	76115	58.649	ug/l	100
29) Tetrahydrofuran	5.036	42	256412	266.534	ug/l	100
30) Chloroform	5.071	83	166166	51.892	ug/l	100
31) Cyclohexane	5.370	56	134196	49.384	ug/l	100
32) 1,1,1-Trichloroethane	5.300	97	131012	52.231	ug/l	100
36) 1,1-Dichloropropene	5.512	75	109877	51.928	ug/l	100
37) Ethyl Acetate	4.792	43	149232	51.598	ug/l	100
38) Carbon Tetrachloride	5.509	117	100887	50.532	ug/l	100
39) Methylcyclohexane	6.750	83	136367	51.256	ug/l	100
40) Benzene	5.759	78	351865	51.234	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.959	41	70438	56.368	ug/l	100
42) 1,2-Dichloroethane	5.779	62	127513	50.808	ug/l	100
43) Isopropyl Acetate	5.898	43	180232	50.233	ug/l	100
44) Trichloroethene	6.531	130	91863	51.549	ug/l	100
45) 1,2-Dichloropropane	6.775	63	84943	49.215	ug/l	100
46) Dibromomethane	6.904	93	67988	50.766	ug/l	100
47) Bromodichloromethane	7.091	83	116743	53.195	ug/l	100
48) Methyl methacrylate	6.949	41	93596	48.781	ug/l	100
49) 1,4-Dioxane	6.949	88	56874	1125.403	ug/l	100
51) 4-Methyl-2-Pentanone	7.779	43	744209	262.590	ug/l	100
52) Toluene	7.959	92	222199	53.266	ug/l	100
53) t-1,3-Dichloropropene	8.200	75	90738	51.846	ug/l	100
54) cis-1,3-Dichloropropene	7.595	75	113306	54.578	ug/l	100
55) 1,1,2-Trichloroethane	8.386	97	86882	50.607	ug/l	100
56) Ethyl methacrylate	8.322	69	129079	50.421	ug/l	100
57) 1,3-Dichloropropane	8.563	76	147035	50.725	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.457	63	16997	252.329	ug/l	100
59) 2-Hexanone	8.672	43	550655	264.933	ug/l	100
60) Dibromochloromethane	8.798	129	83010	53.068	ug/l	100
61) 1,2-Dibromoethane	8.914	107	91450	52.971	ug/l	100
64) Tetrachloroethene	8.544	164	92838	53.720	ug/l	100
65) Chlorobenzene	9.438	112	249465	51.854	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.525	131	74189	53.450	ug/l	100
67) Ethyl Benzene	9.560	91	421297	52.160	ug/l	100
68) m/p-Xylenes	9.685	106	328031	108.803	ug/l	100
69) o-Xylene	10.090	106	157377	53.912	ug/l	100
70) Styrene	10.103	104	260944	55.114	ug/l	100
71) Bromoform	10.280	173	55442	45.681	ug/l #	100
73) Isopropylbenzene	10.473	105	411699	50.119	ug/l	100
74) N-amyl acetate	10.312	43	150700	52.787	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.772	83	151462	49.923	ug/l	100
76) 1,2,3-Trichloropropane	10.811	75	150526	48.085	ug/l #	100
77) Bromobenzene	10.772	156	102286	48.877	ug/l	100
78) n-propylbenzene	10.897	91	492284	50.732	ug/l	100
79) 2-Chlorotoluene	10.975	91	302949	49.050	ug/l	100
80) 1,3,5-Trimethylbenzene	11.078	105	360827	52.013	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.537	75	25421	51.435	ug/l	100
82) 4-Chlorotoluene	11.087	91	351940	51.878	ug/l	100
83) tert-Butylbenzene	11.409	119	337766	50.618	ug/l	100
84) 1,2,4-Trimethylbenzene	11.457	105	352789	51.651	ug/l	100
85) sec-Butylbenzene	11.634	105	447211	51.337	ug/l	100
86) p-Isopropyltoluene	11.785	119	370723	51.776	ug/l	100
87) 1,3-Dichlorobenzene	11.737	146	196336	50.381	ug/l	100
88) 1,4-Dichlorobenzene	11.827	146	199276	48.734	ug/l	100
89) n-Butylbenzene	12.200	91	332791	52.149	ug/l	100
90) Hexachloroethane	12.463	117	47407	47.884	ug/l	100
91) 1,2-Dichlorobenzene	12.203	146	192694	50.601	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.987	75	31193	55.455	ug/l	100
93) 1,2,4-Trichlorobenzene	13.833	180	118384	54.278	ug/l	100
94) Hexachlorobutadiene	14.013	225	54885	49.966	ug/l	100
95) Naphthalene	14.081	128	349091	52.130	ug/l	100
96) 1,2,3-Trichlorobenzene	14.322	180	114693	52.443	ug/l	100

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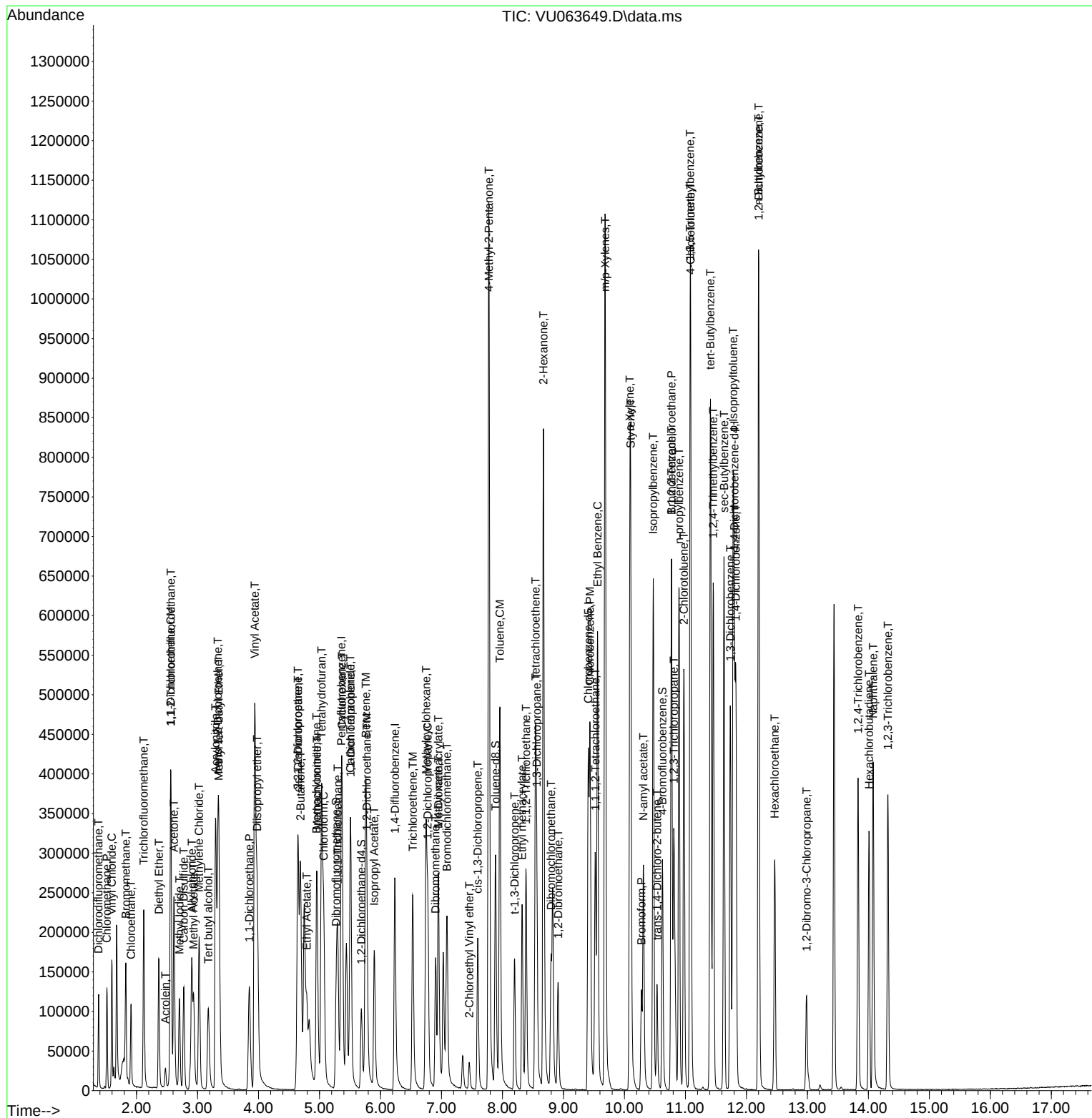
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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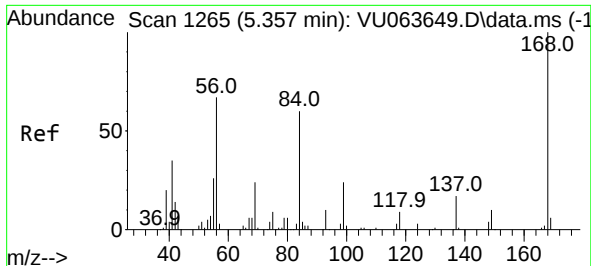
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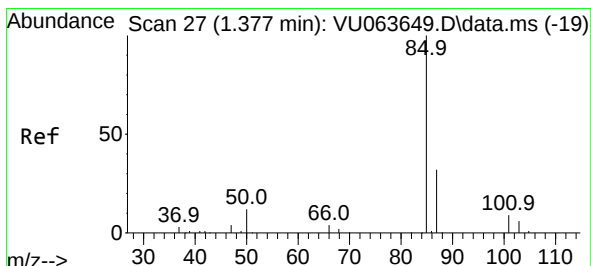
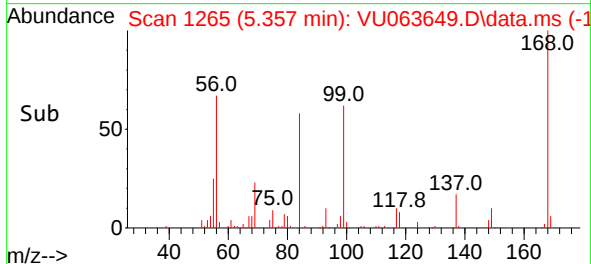
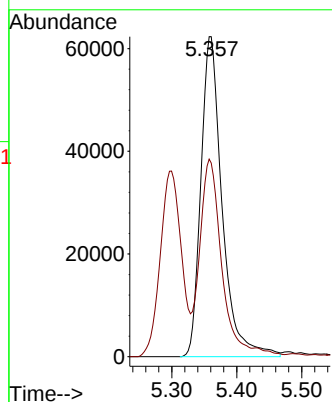
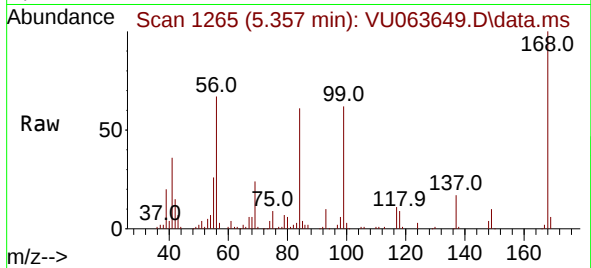




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.357 min Scan# 11
Delta R.T. 0.000 min
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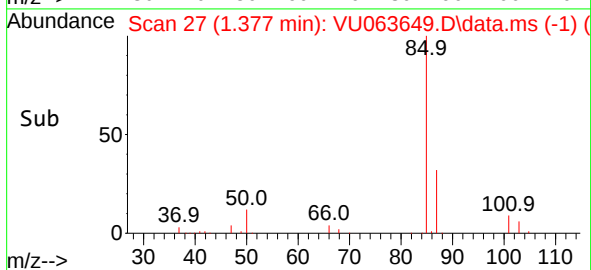
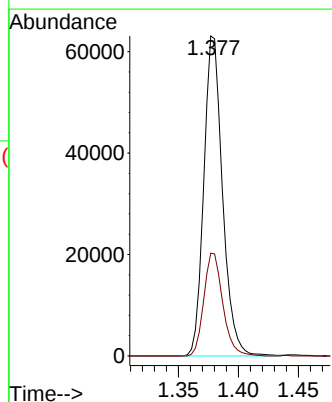
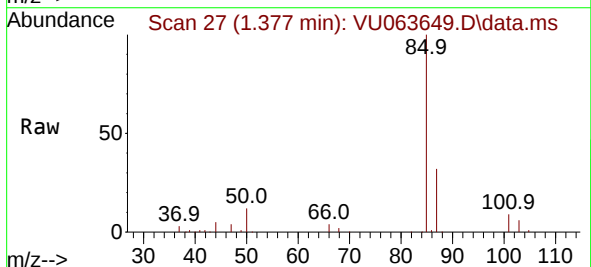
Instrument :
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ClientSampleId :
VSTDICCC050

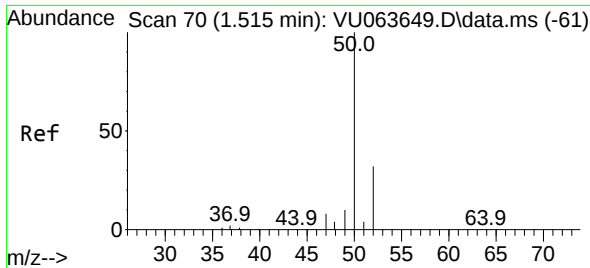
Tgt Ion:168 Resp: 142136
Ion Ratio Lower Upper
168 100
99 60.9 48.7 73.1



#2
Dichlorodifluoromethane
Concen: 51.928 ug/l
RT: 1.377 min Scan# 27
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion: 85 Resp: 68711
Ion Ratio Lower Upper
85 100
87 32.1 16.1 48.2

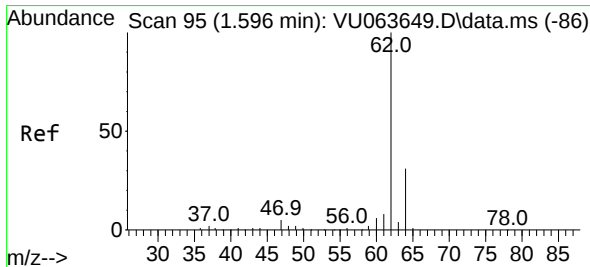
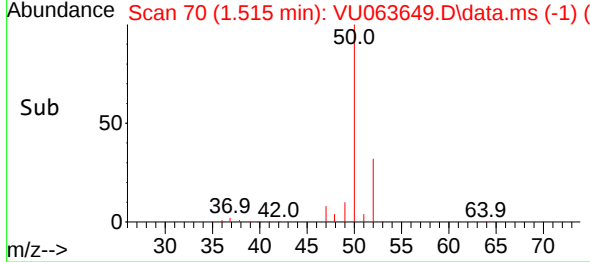
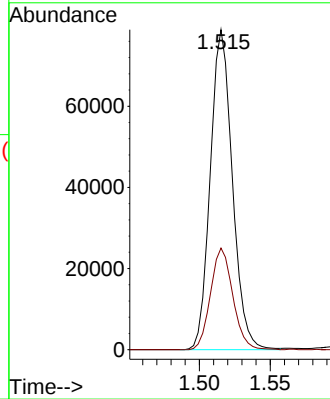
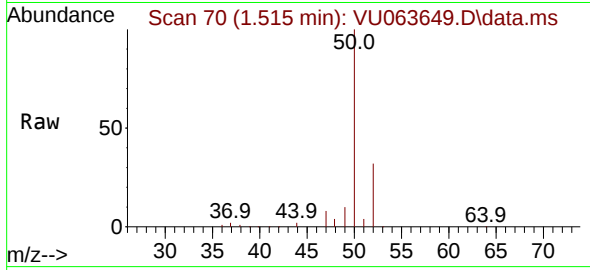




#3
Chloromethane
Concen: 49.192 ug/l
RT: 1.515 min Scan# 70
Delta R.T. 0.000 min
Lab File: VU063649.D
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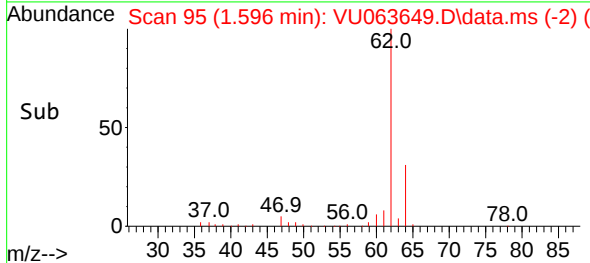
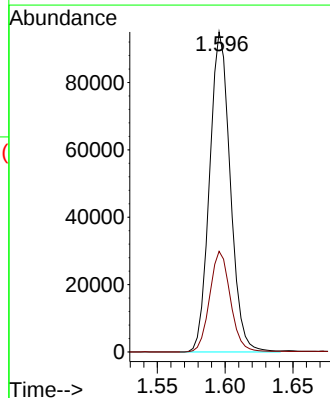
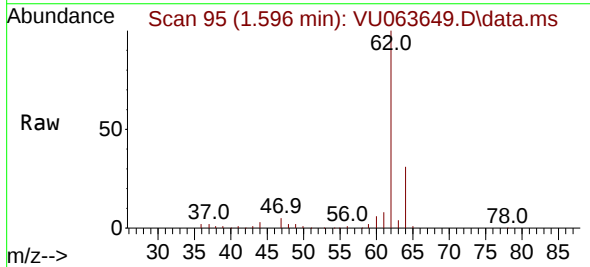
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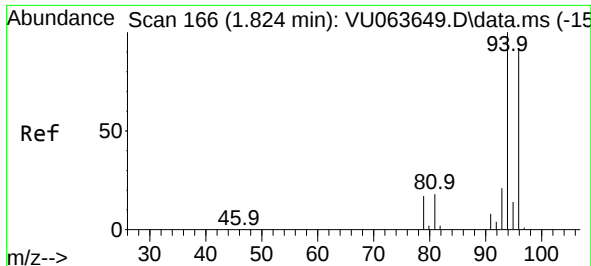
Tgt Ion: 50 Resp: 85352
Ion Ratio Lower Upper
50 100
52 31.7 25.4 38.0



#4
Vinyl Chloride
Concen: 50.946 ug/l
RT: 1.596 min Scan# 95
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion: 62 Resp: 100674
Ion Ratio Lower Upper
62 100
64 31.5 25.2 37.8

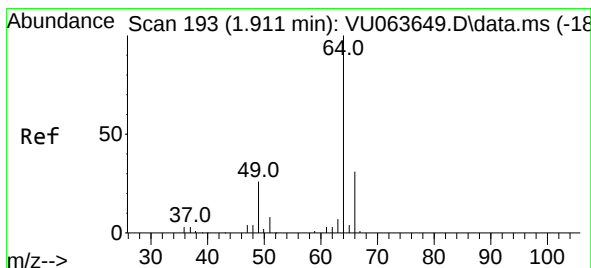
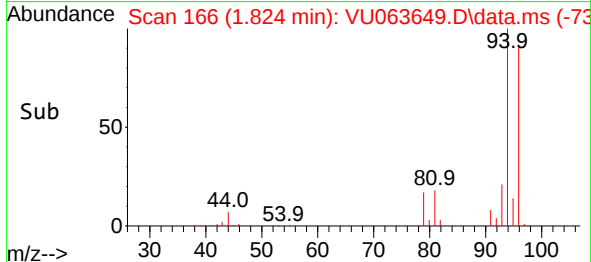
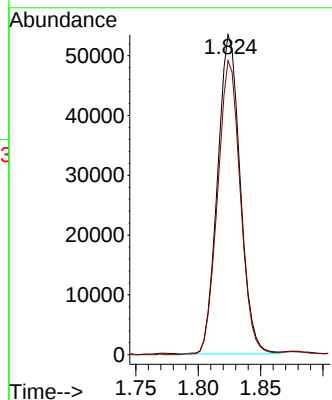
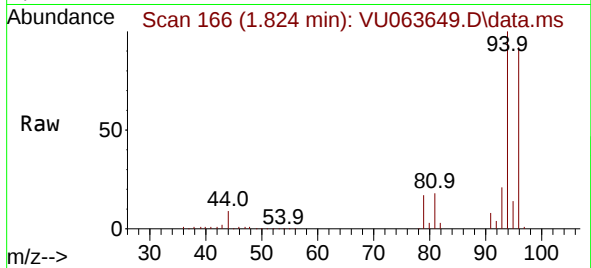




#5
Bromomethane
Concen: 46.851 ug/l
RT: 1.824 min Scan# 166
Delta R.T. 0.000 min
Lab File: VU063649.D
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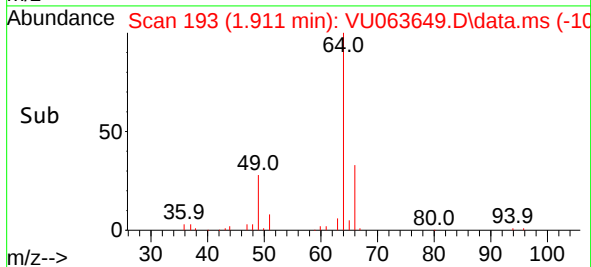
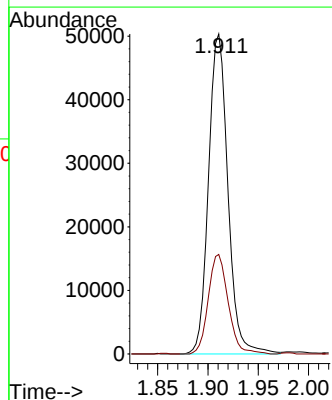
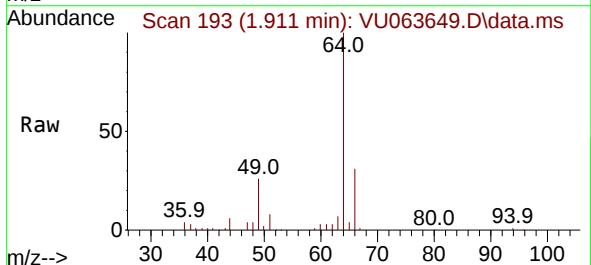
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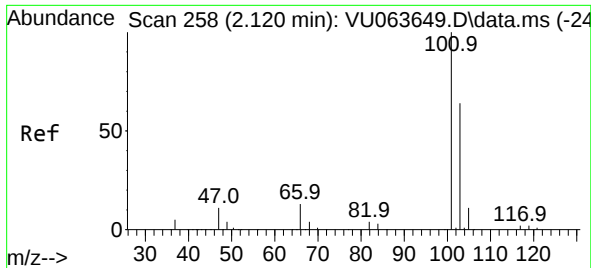
Tgt Ion: 94 Resp: 67717
Ion Ratio Lower Upper
94 100
96 92.1 73.7 110.5



#6
Chloroethane
Concen: 50.268 ug/l
RT: 1.911 min Scan# 193
Delta R.T. 0.000 min
Lab File: VU063649.D
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Tgt Ion: 64 Resp: 67451
Ion Ratio Lower Upper
64 100
66 31.1 24.9 37.3

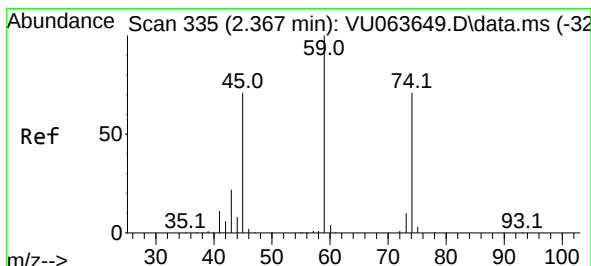
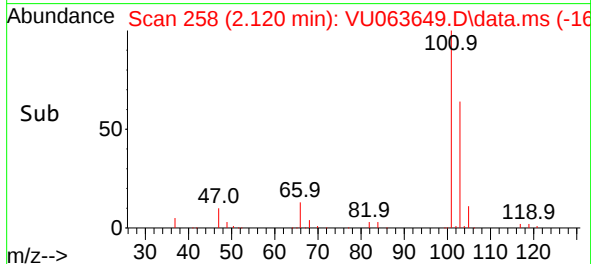
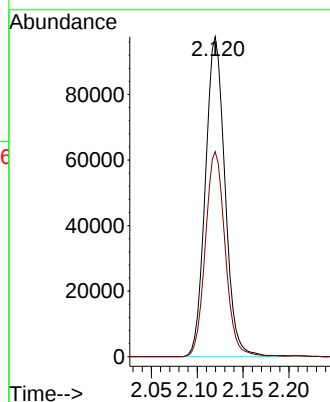
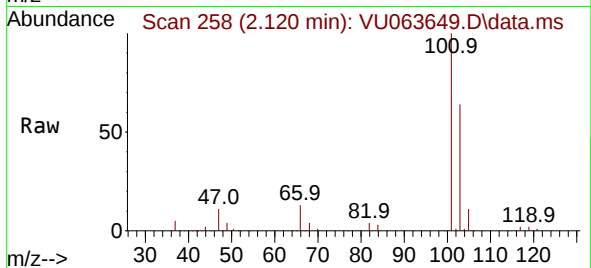




#7
 Trichlorofluoromethane
 Concen: 50.029 ug/l
 RT: 2.120 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU063649.D
 Acq: 25 Sep 2025 18:20

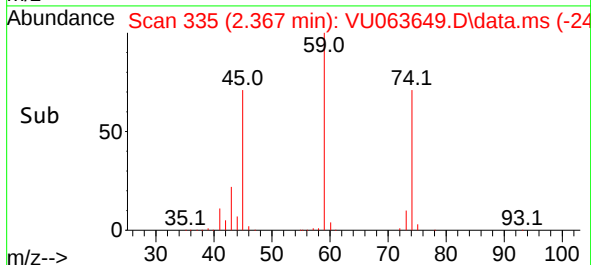
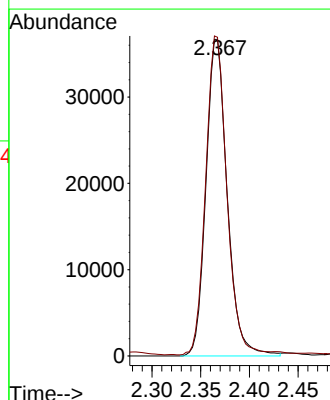
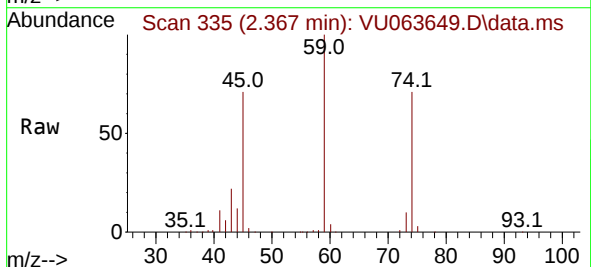
Instrument :
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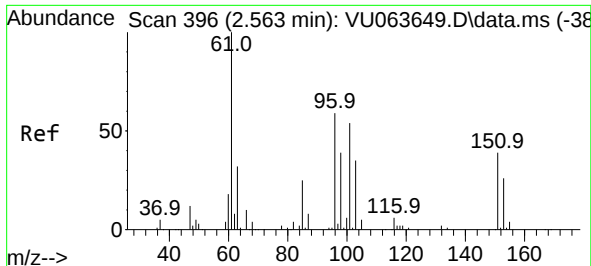
Tgt Ion:101 Resp: 145335
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.3 76.9



#8
 Diethyl Ether
 Concen: 48.861 ug/l
 RT: 2.367 min Scan# 335
 Delta R.T. 0.000 min
 Lab File: VU063649.D
 Acq: 25 Sep 2025 18:20

Tgt Ion: 74 Resp: 55633
 Ion Ratio Lower Upper
 74 100
 45 100.3 50.1 150.4

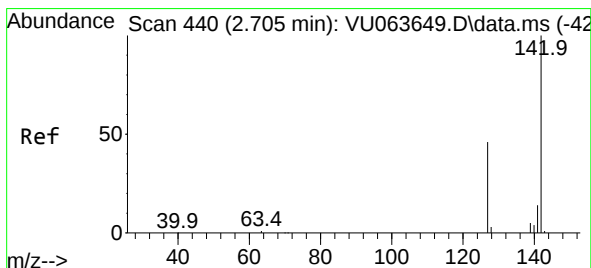
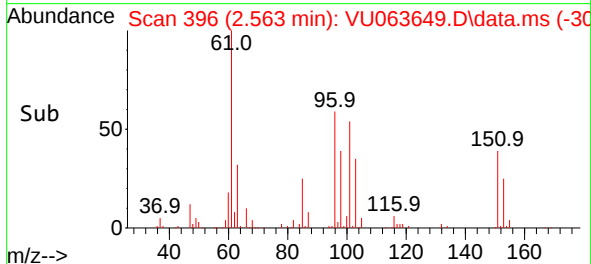
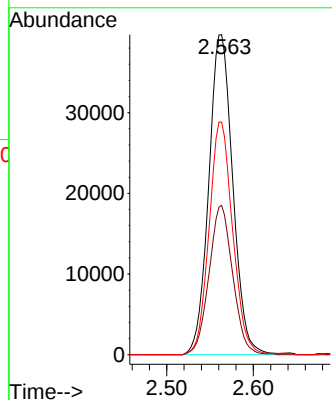
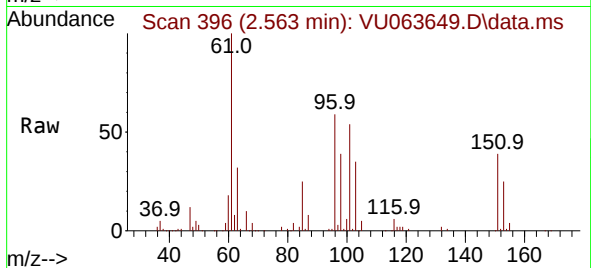




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.270 ug/l
RT: 2.563 min Scan# 396
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

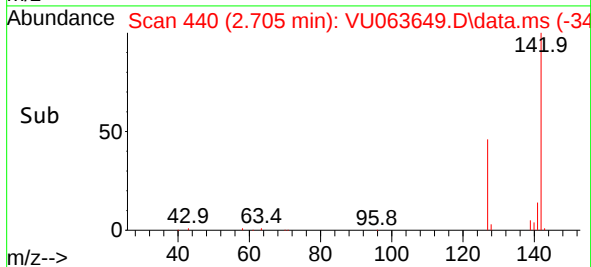
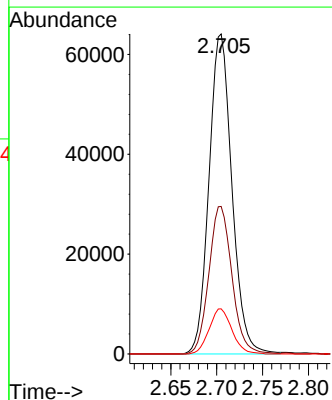
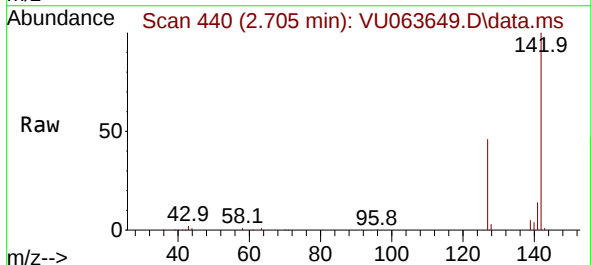
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

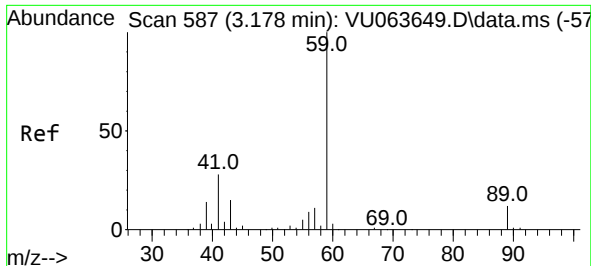
Tgt Ion:101 Resp: 76440
Ion Ratio Lower Upper
101 100
85 46.0 36.8 55.2
151 71.5 57.2 85.8



#10
Methyl Iodide
Concen: 56.797 ug/l
RT: 2.705 min Scan# 440
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion:142 Resp: 111501
Ion Ratio Lower Upper
142 100
127 46.4 37.1 55.7
141 14.0 11.2 16.8

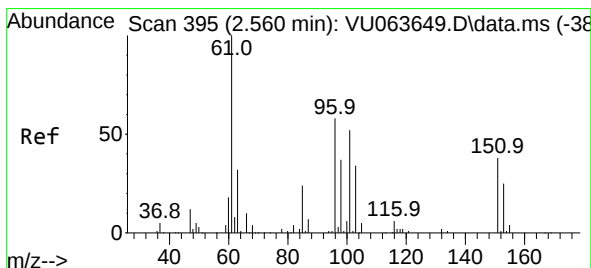
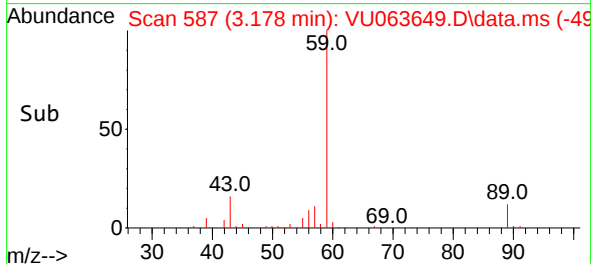
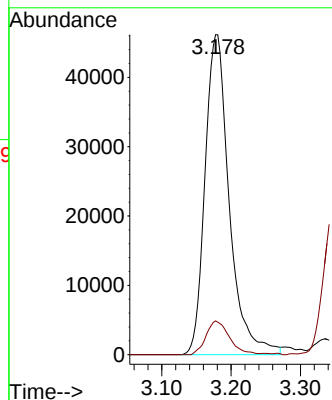
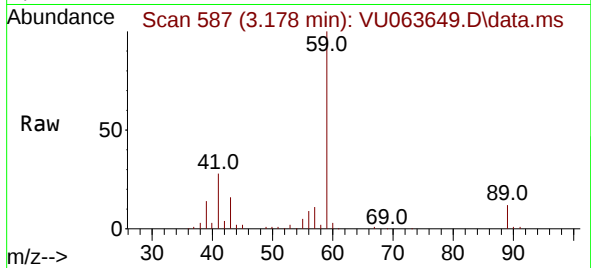




#11
Tert butyl alcohol
Concen: 256.757 ug/l
RT: 3.178 min Scan# 587
Delta R.T. -0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

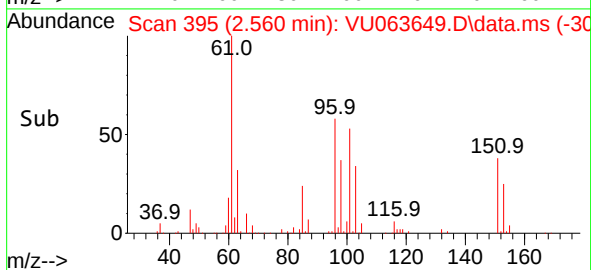
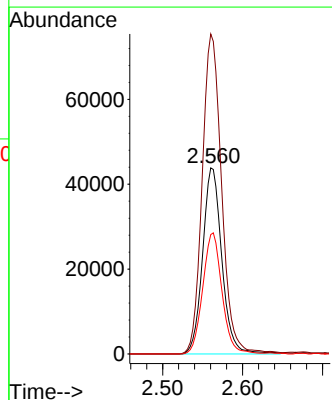
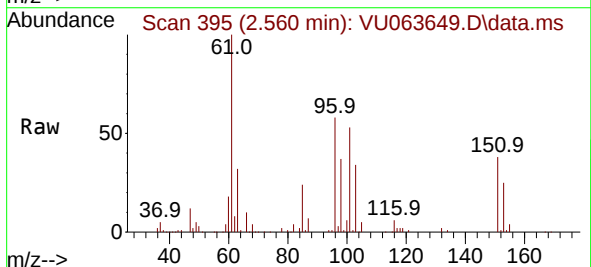
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

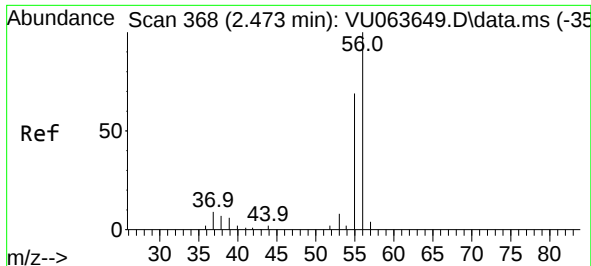
Tgt Ion: 59 Resp: 112189
Ion Ratio Lower Upper
59 100
57 10.2 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.959 ug/l
RT: 2.560 min Scan# 395
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion: 96 Resp: 73521
Ion Ratio Lower Upper
96 100
61 171.9 137.5 206.3
98 64.1 51.3 76.9





#13

Acrolein

Concen: 258.673 ug/l

RT: 2.473 min Scan# 3

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

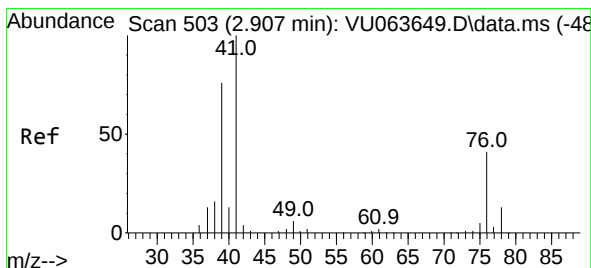
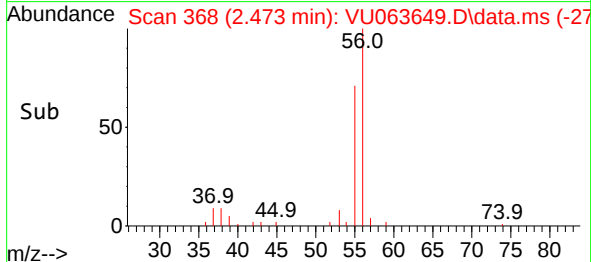
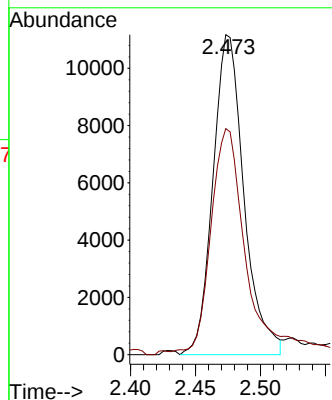
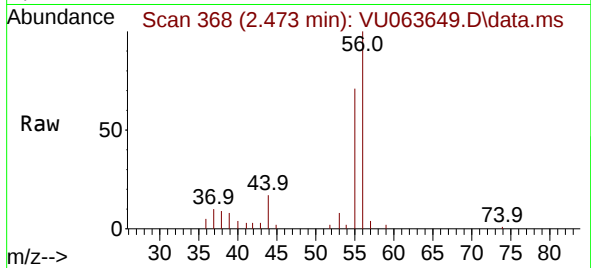
VSTDICCC050

Tgt Ion: 56 Resp: 18528

Ion Ratio Lower Upper

56 100

55 77.6 62.1 93.1



#14

Allyl chloride

Concen: 51.728 ug/l

RT: 2.907 min Scan# 503

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

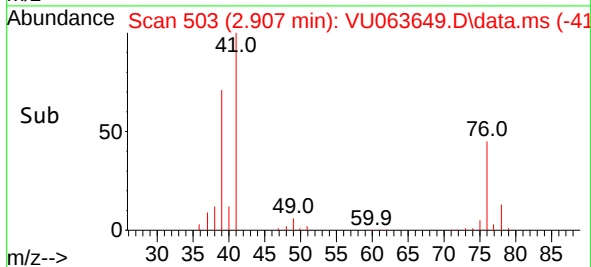
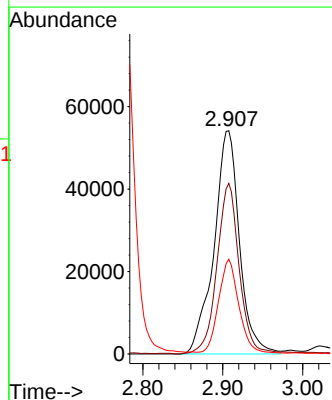
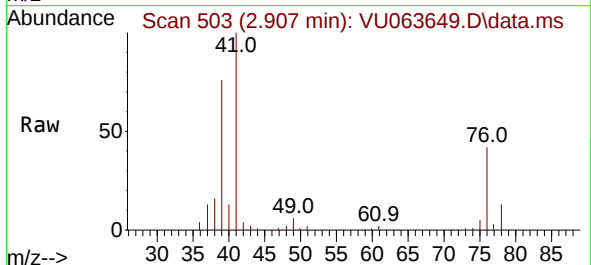
Tgt Ion: 41 Resp: 120024

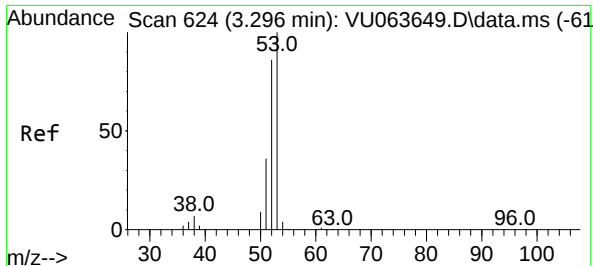
Ion Ratio Lower Upper

41 100

39 66.9 53.5 80.3

76 33.4 26.7 40.1





#15

Acrylonitrile

Concen: 263.484 ug/l

RT: 3.296 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

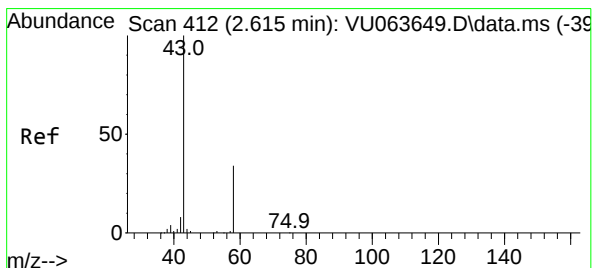
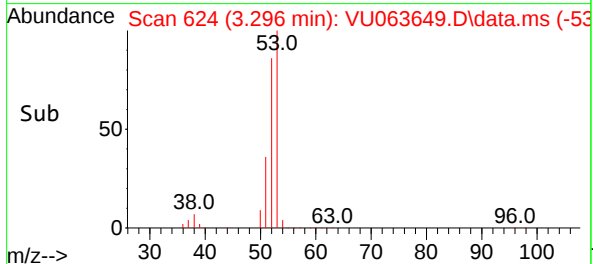
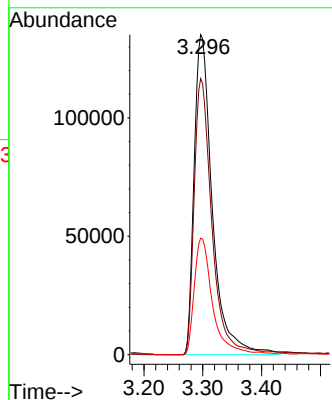
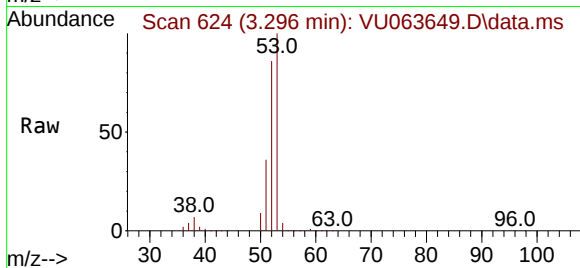
Tgt Ion: 53 Resp: 291863

Ion Ratio Lower Upper

53 100

52 83.2 66.6 99.8

51 36.1 28.9 43.3



#16

Acetone

Concen: 263.112 ug/l

RT: 2.615 min Scan# 412

Delta R.T. -0.000 min

Lab File: VU063649.D

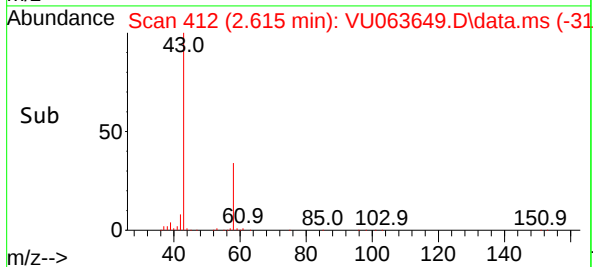
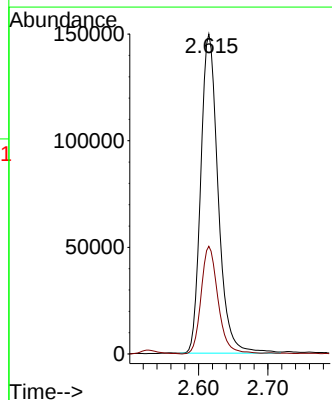
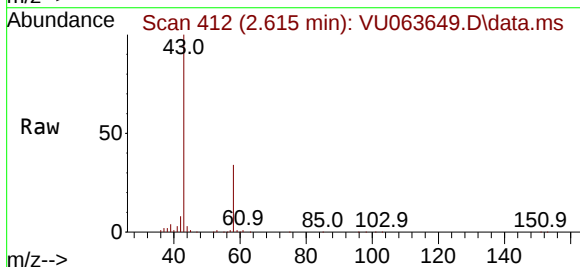
Acq: 25 Sep 2025 18:20

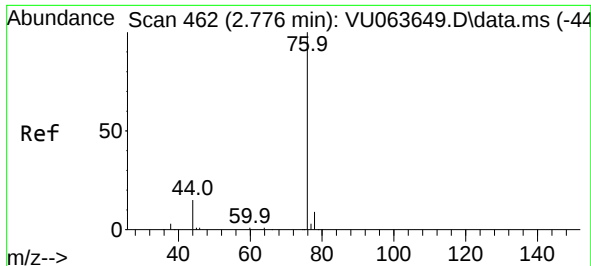
Tgt Ion: 43 Resp: 260506

Ion Ratio Lower Upper

43 100

58 33.6 26.9 40.3





#17

Carbon Disulfide

Concen: 52.659 ug/l

RT: 2.776 min Scan# 462

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

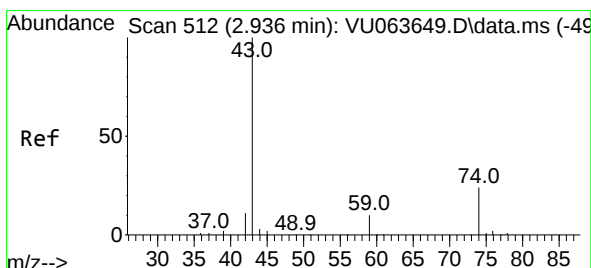
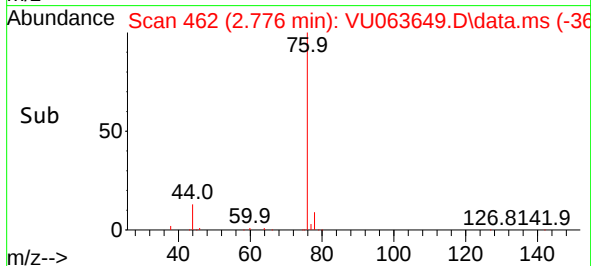
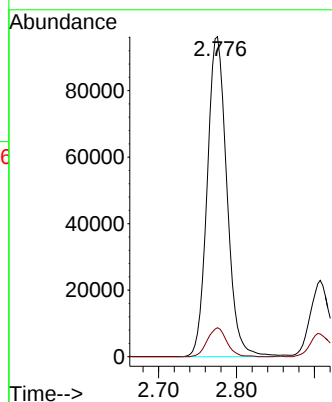
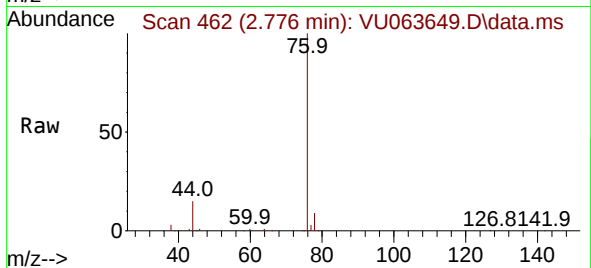
VSTDICCC050

Tgt Ion: 76 Resp: 168530

Ion Ratio Lower Upper

76 100

78 9.0 7.2 10.8



#18

Methyl Acetate

Concen: 52.705 ug/l

RT: 2.936 min Scan# 512

Delta R.T. 0.000 min

Lab File: VU063649.D

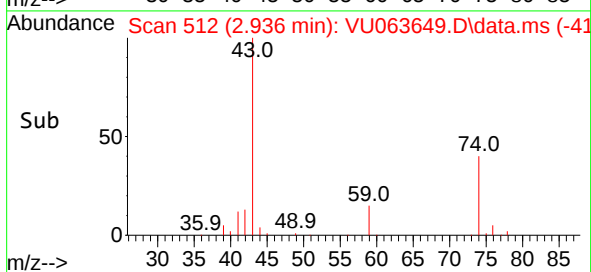
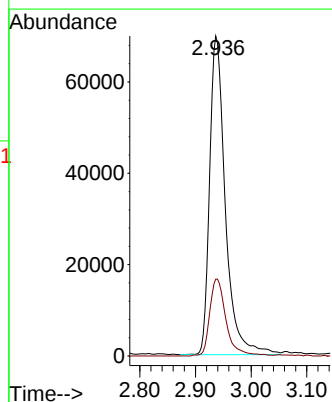
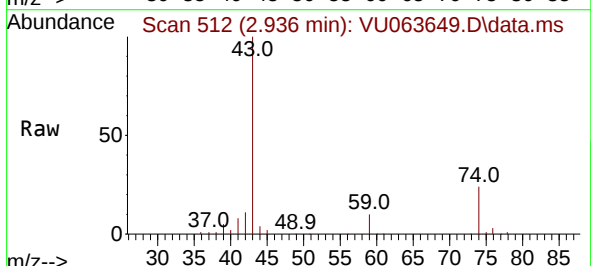
Acq: 25 Sep 2025 18:20

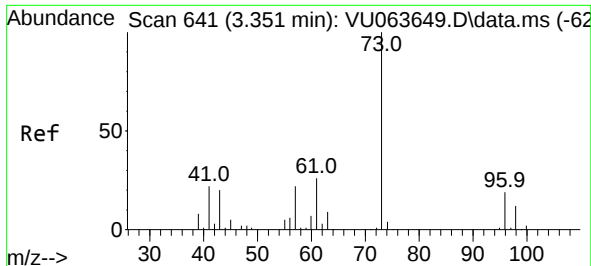
Tgt Ion: 43 Resp: 136836

Ion Ratio Lower Upper

43 100

74 25.1 20.1 30.1

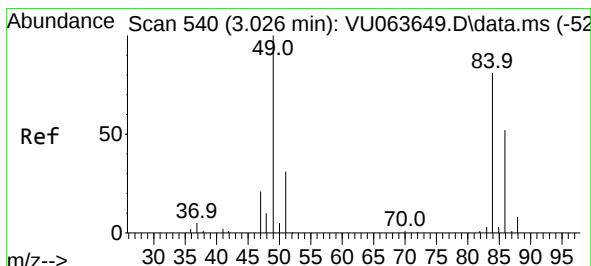
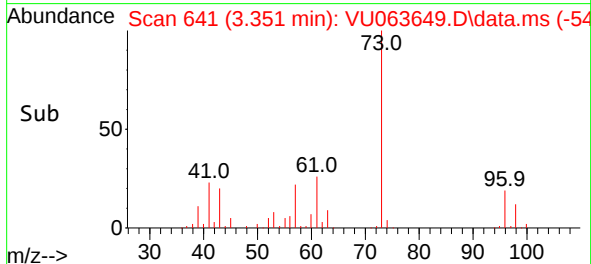
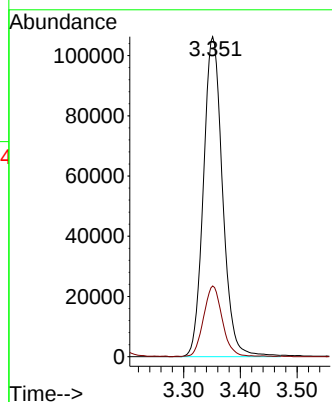
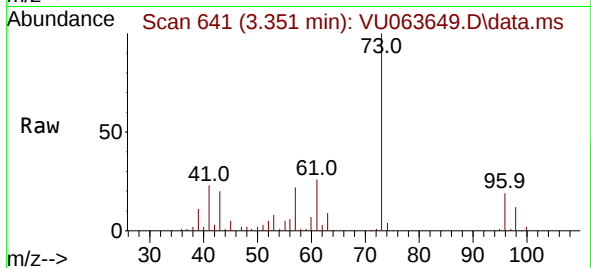




#19
Methyl tert-butyl Ether
Concen: 51.591 ug/l
RT: 3.351 min Scan# 641
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

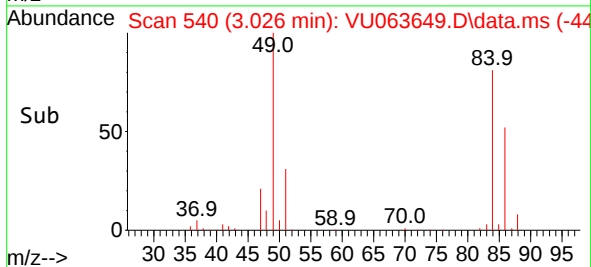
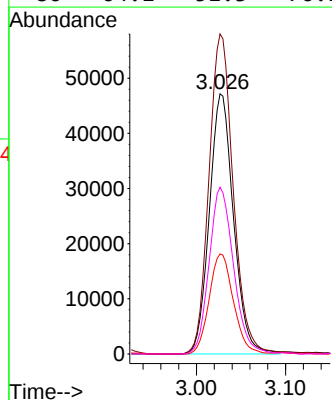
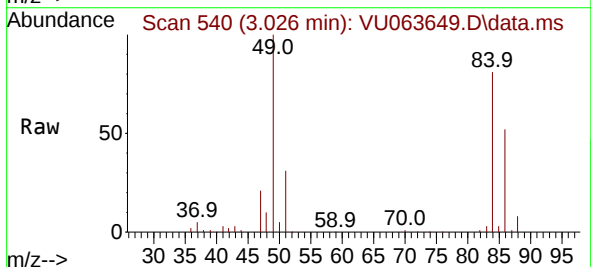
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

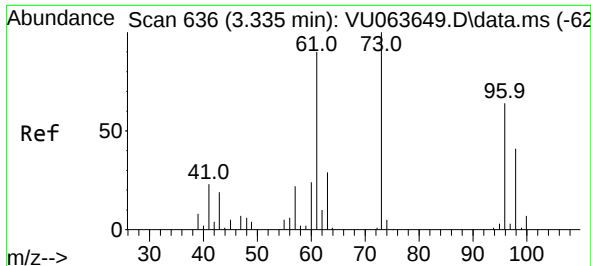
Tgt Ion: 73 Resp: 249246
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4



#20
Methylene Chloride
Concen: 52.462 ug/l
RT: 3.026 min Scan# 540
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion: 84 Resp: 88793
Ion Ratio Lower Upper
84 100
49 123.0 98.4 147.6
51 38.4 30.7 46.1
86 64.1 51.3 76.9

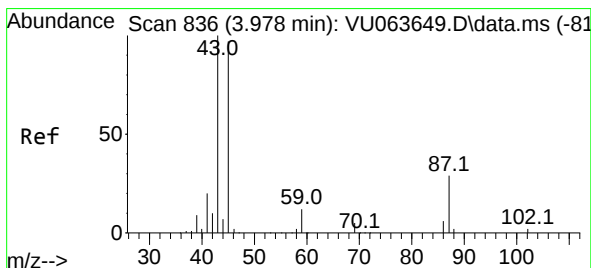
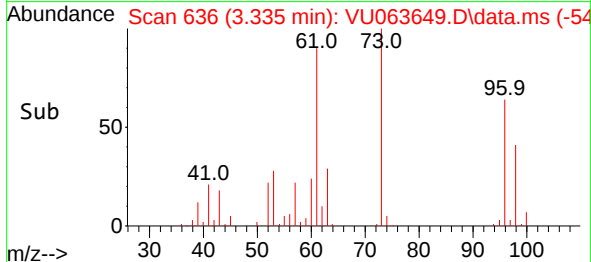
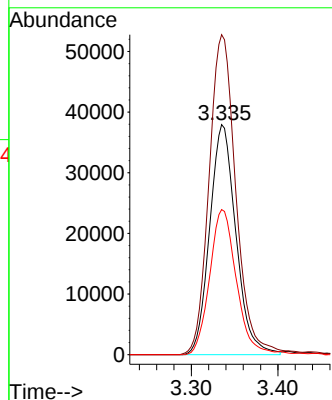
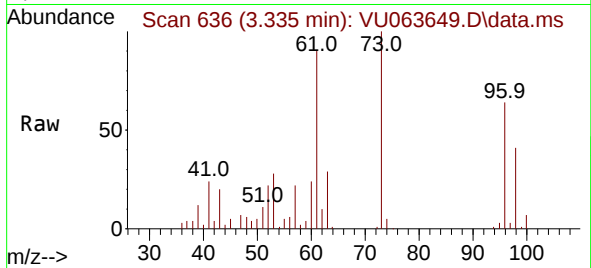




#21
trans-1,2-Dichloroethene
Concen: 51.895 ug/l
RT: 3.335 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

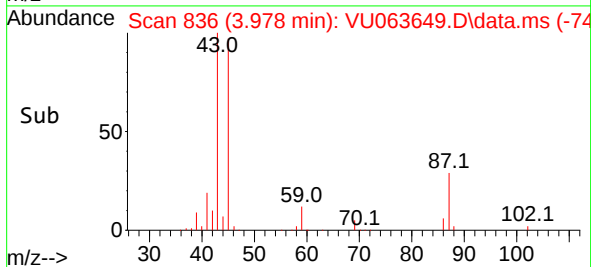
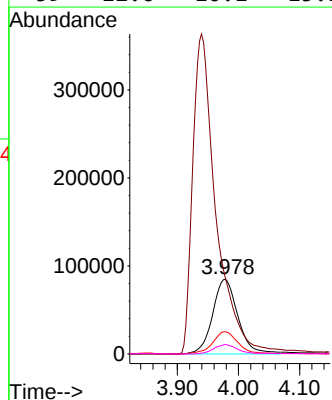
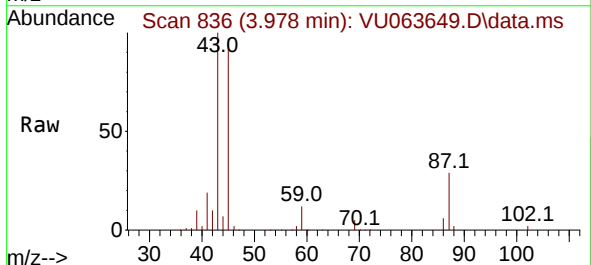
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

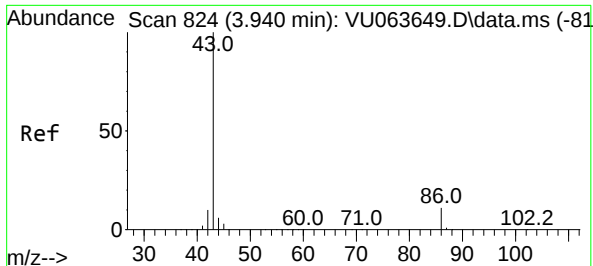
Tgt Ion: 96 Resp: 79869
Ion Ratio Lower Upper
96 100
61 139.1 111.3 166.9
98 63.1 50.5 75.7



#22
Diisopropyl ether
Concen: 50.987 ug/l
RT: 3.978 min Scan# 836
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion: 45 Resp: 243449
Ion Ratio Lower Upper
45 100
43 102.6 82.1 123.1
87 29.7 23.8 35.6
59 12.6 10.1 15.1

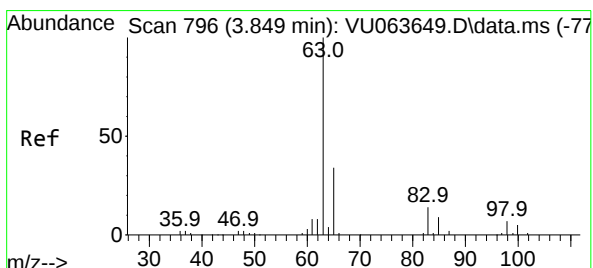
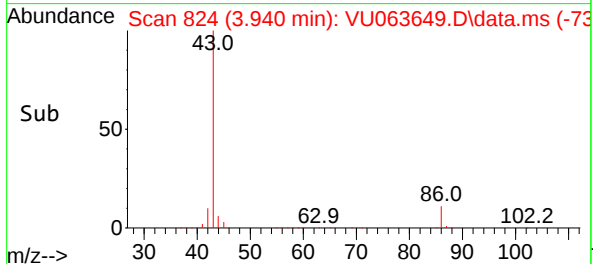
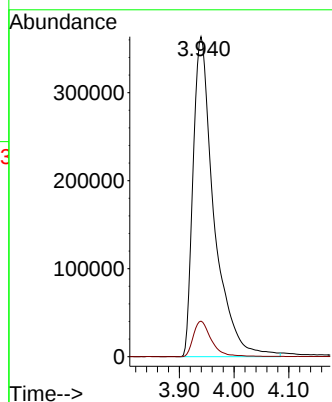
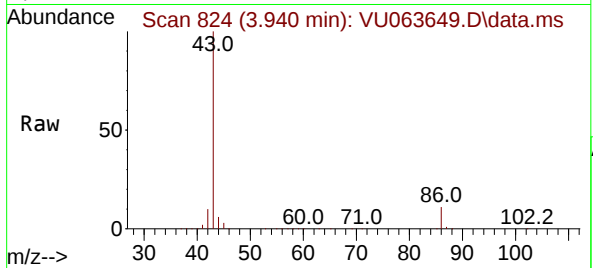




#23
 Vinyl Acetate
 Concen: 277.677 ug/l
 RT: 3.940 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU063649.D
 Acq: 25 Sep 2025 18:20

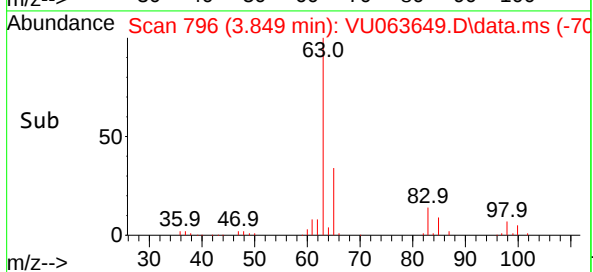
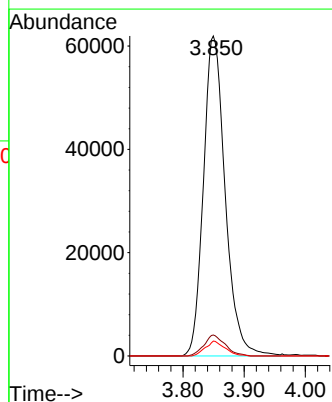
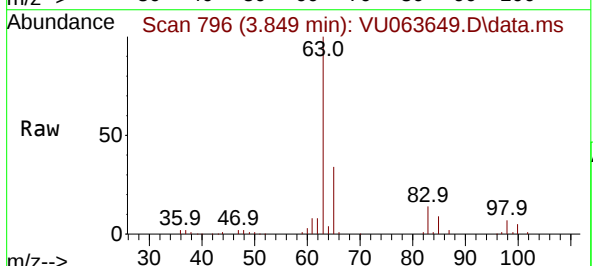
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

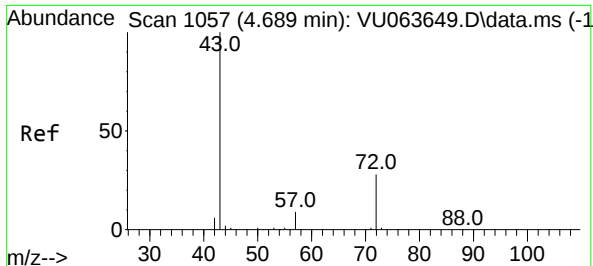
Tgt Ion: 43 Resp: 967391
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 51.170 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VU063649.D
 Acq: 25 Sep 2025 18:20

Tgt Ion: 63 Resp: 153365
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.3 9.9
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 270.500 ug/l

RT: 4.689 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

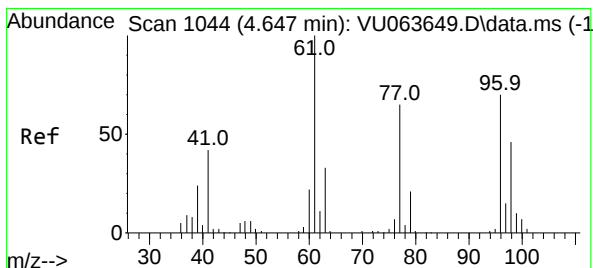
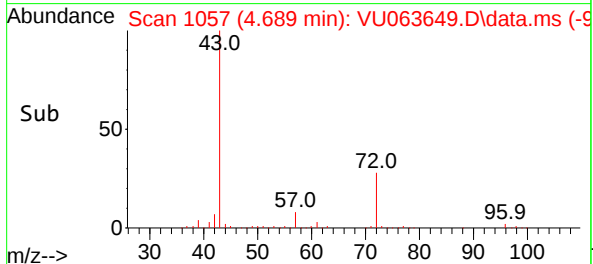
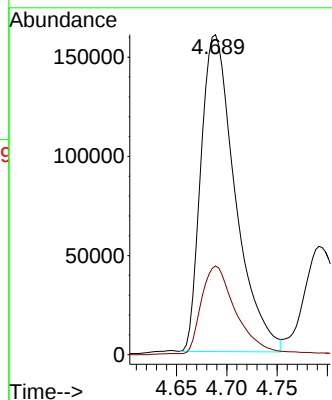
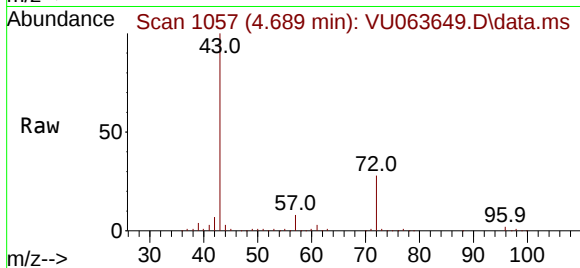
VSTDICCC050

Tgt Ion: 43 Resp: 378940

Ion Ratio Lower Upper

43 100

72 27.7 22.2 33.2



#26

2,2-Dichloropropane

Concen: 51.734 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063649.D

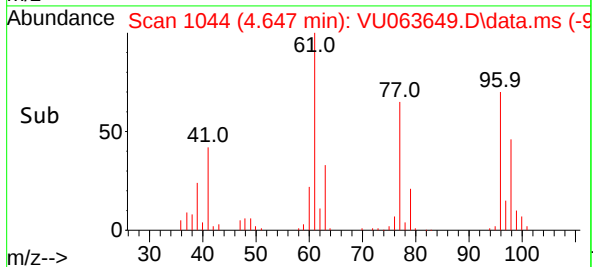
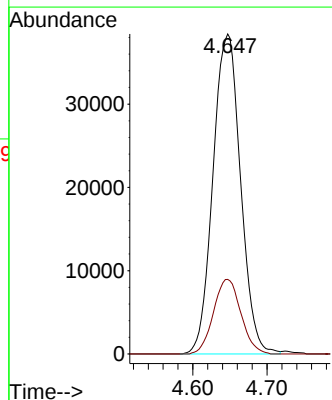
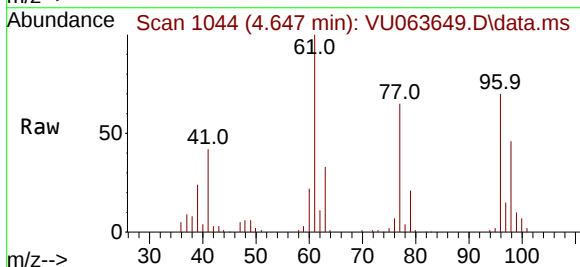
Acq: 25 Sep 2025 18:20

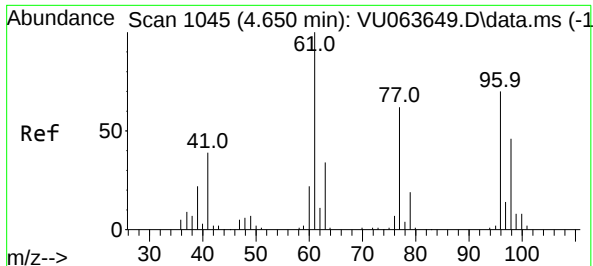
Tgt Ion: 77 Resp: 99144

Ion Ratio Lower Upper

77 100

97 23.2 11.6 34.8

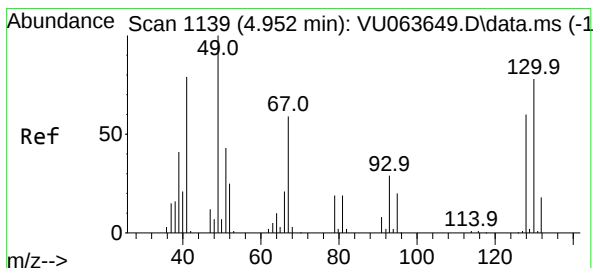
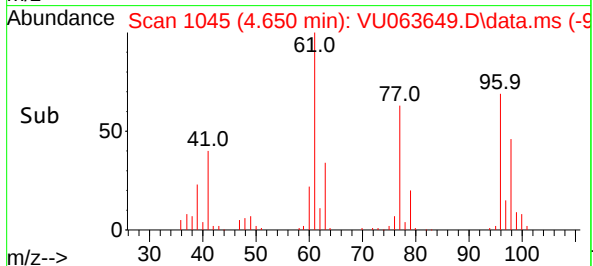
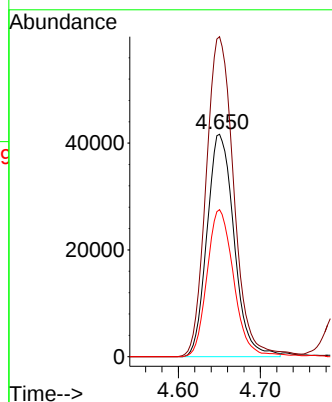
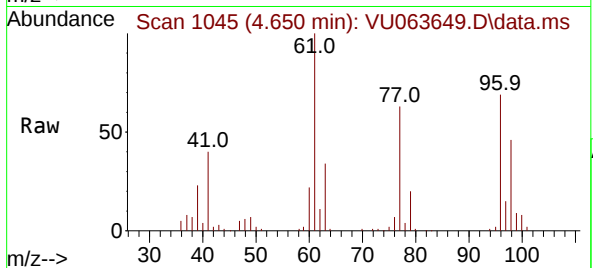




#27
 cis-1,2-Dichloroethene
 Concen: 49.870 ug/l
 RT: 4.650 min Scan# 1045
 Delta R.T. 0.000 min
 Lab File: VU063649.D
 Acq: 25 Sep 2025 18:20

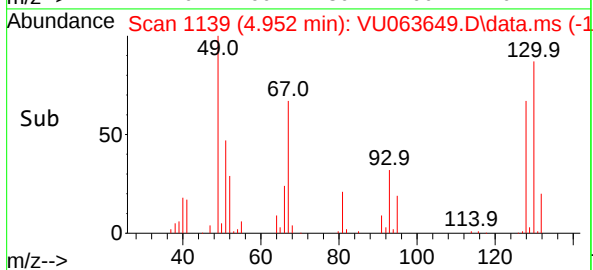
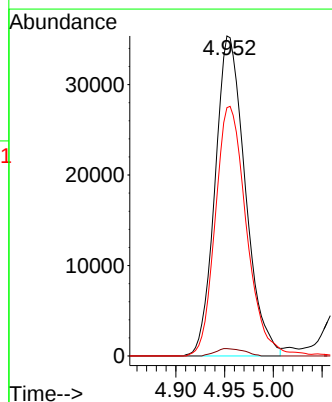
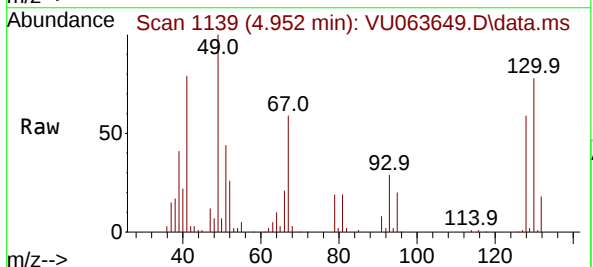
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

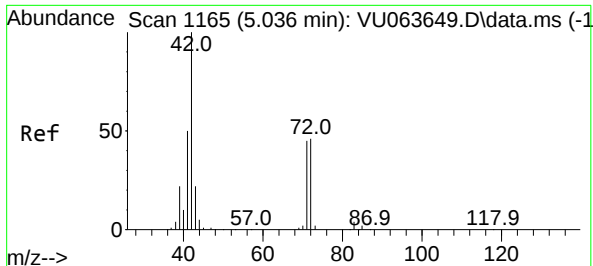
Tgt Ion:	96	Resp:	95611
Ion	Ratio	Lower	Upper
96	100		
61	147.5	0.0	295.0
98	65.4	0.0	130.8



#28
 Bromochloromethane
 Concen: 58.649 ug/l
 RT: 4.952 min Scan# 1139
 Delta R.T. 0.000 min
 Lab File: VU063649.D
 Acq: 25 Sep 2025 18:20

Tgt Ion:	49	Resp:	76115
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.4
130	80.7	64.6	96.8





#29

Tetrahydrofuran

Concen: 266.534 ug/l

RT: 5.036 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

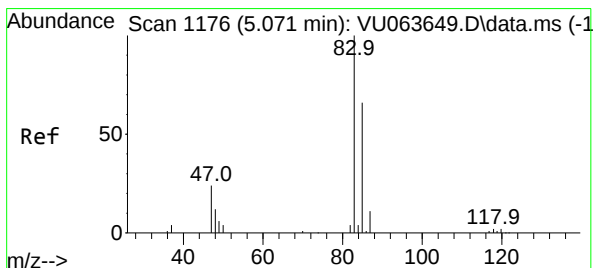
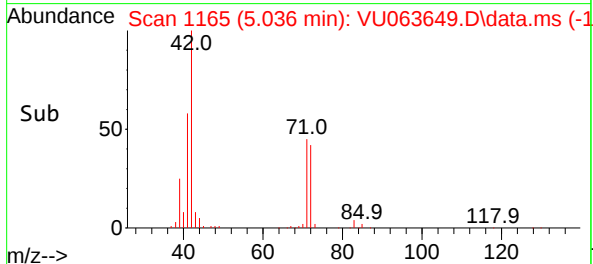
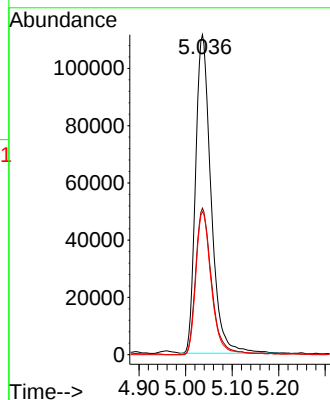
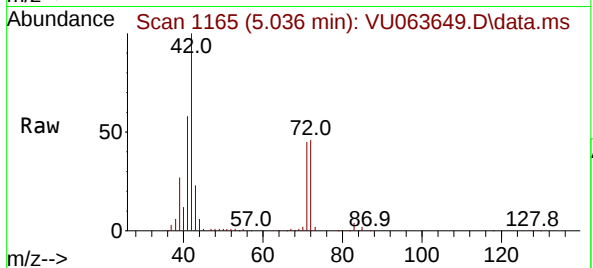
Tgt Ion: 42 Resp: 256412

Ion Ratio Lower Upper

42 100

72 47.4 37.9 56.9

71 45.0 36.0 54.0



#30

Chloroform

Concen: 51.892 ug/l

RT: 5.071 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063649.D

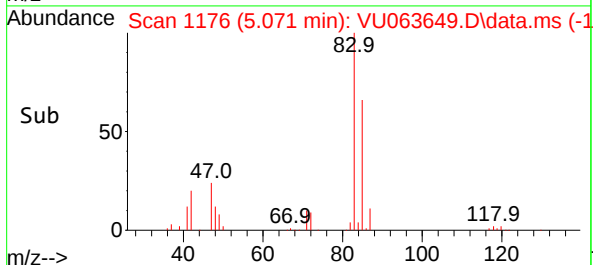
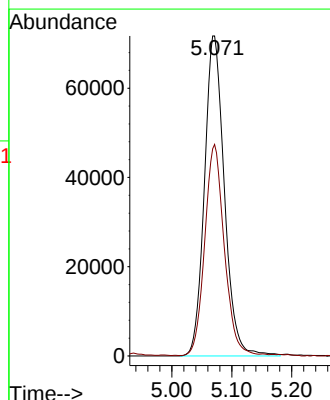
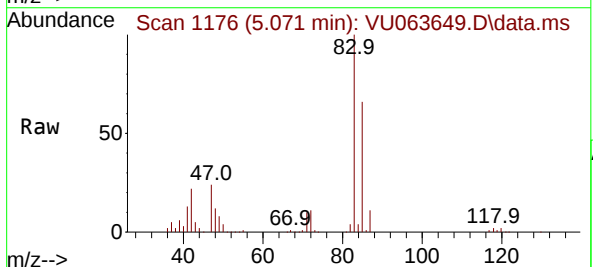
Acq: 25 Sep 2025 18:20

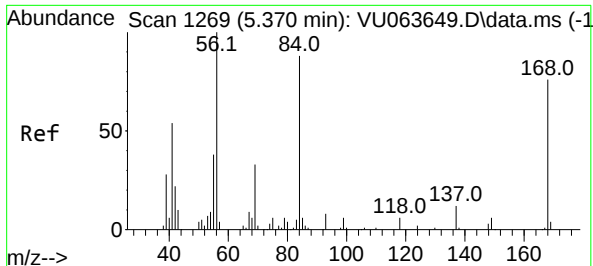
Tgt Ion: 83 Resp: 166166

Ion Ratio Lower Upper

83 100

85 66.0 52.8 79.2

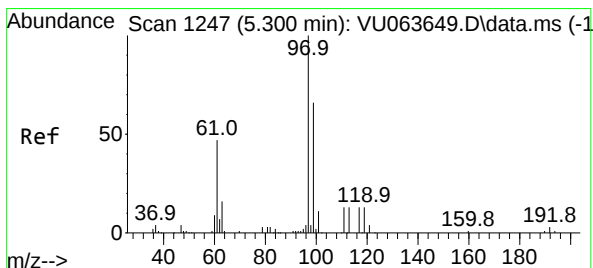
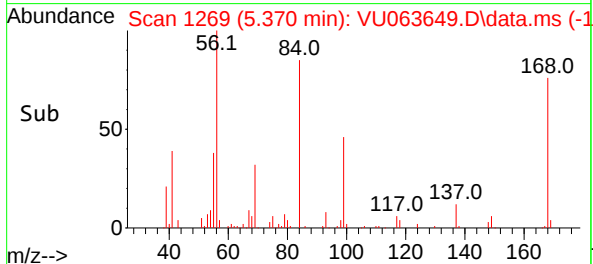
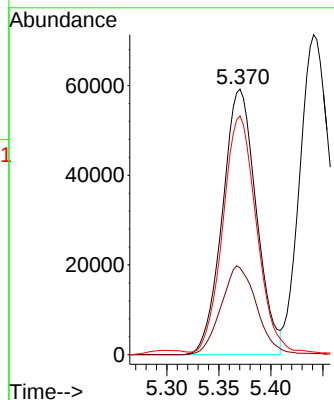
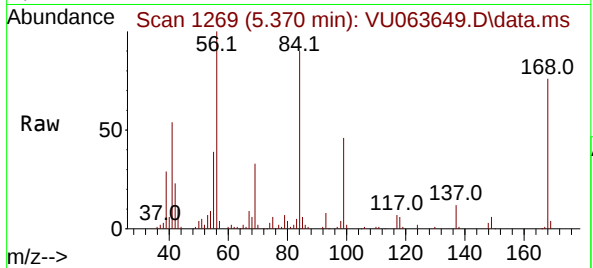




#31
Cyclohexane
Concen: 49.384 ug/l
RT: 5.370 min Scan# 1269
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

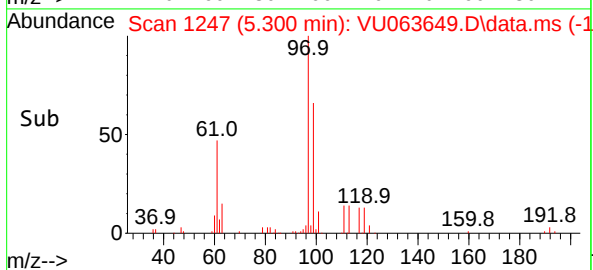
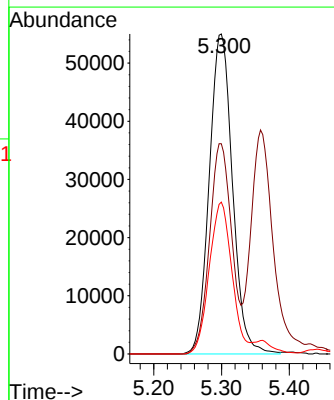
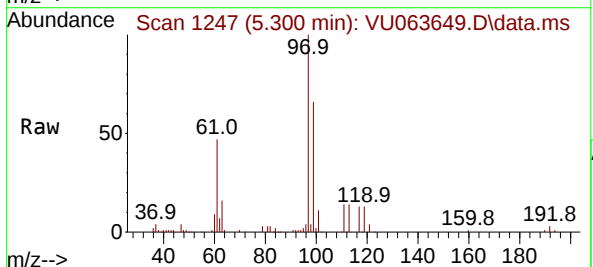
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

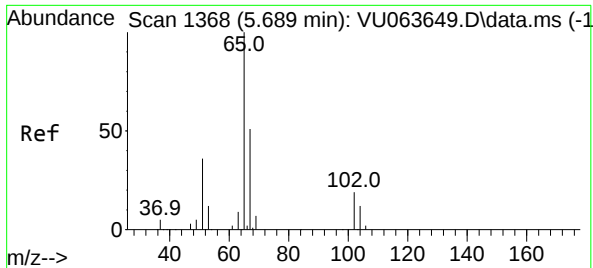
Tgt Ion: 56 Resp: 134196
Ion Ratio Lower Upper
56 100
69 32.6 26.1 39.1
84 88.4 70.7 106.1



#32
1,1,1-Trichloroethane
Concen: 52.231 ug/l
RT: 5.300 min Scan# 1247
Delta R.T. -0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion: 97 Resp: 131012
Ion Ratio Lower Upper
97 100
99 62.4 49.9 74.9
61 46.3 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 55.238 ug/l

RT: 5.689 min Scan# 1368

Delta R.T. -0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

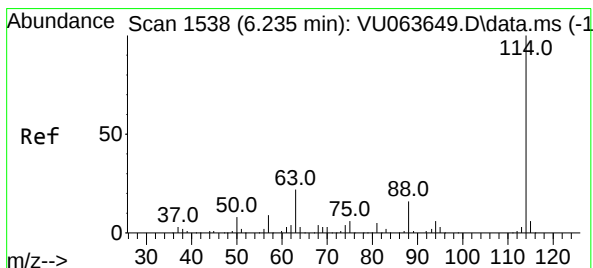
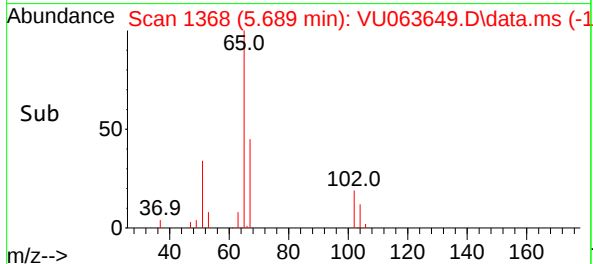
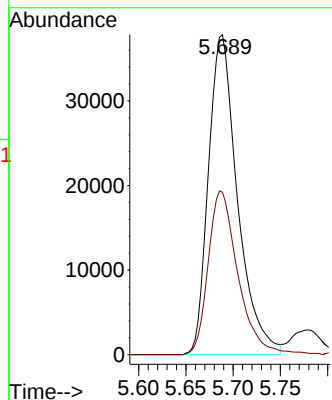
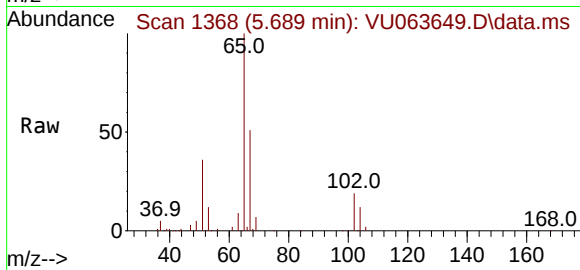
VSTDICCC050

Tgt Ion: 65 Resp: 80881

Ion Ratio Lower Upper

65 100

67 52.6 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.235 min Scan# 1538

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

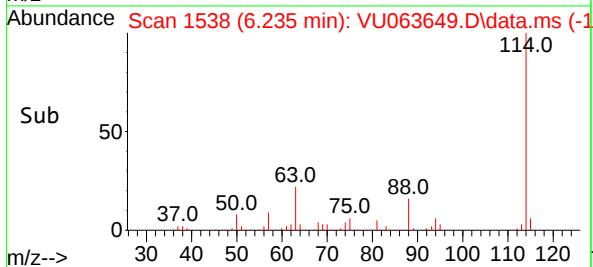
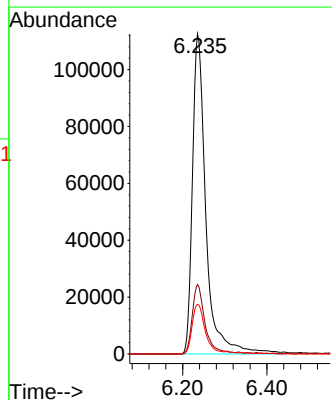
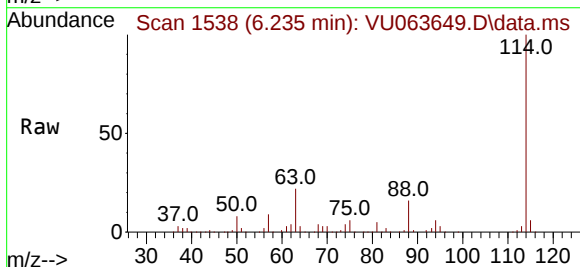
Tgt Ion: 114 Resp: 249117

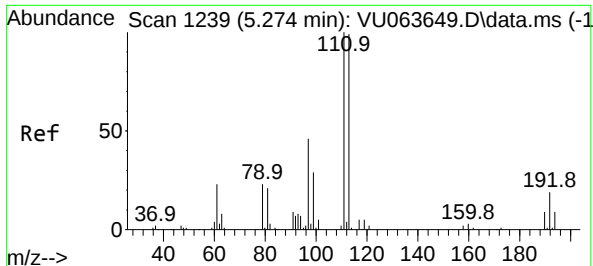
Ion Ratio Lower Upper

114 100

63 21.7 0.0 43.4

88 15.5 0.0 31.0





#35

Dibromofluoromethane

Concen: 50.950 ug/l

RT: 5.274 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

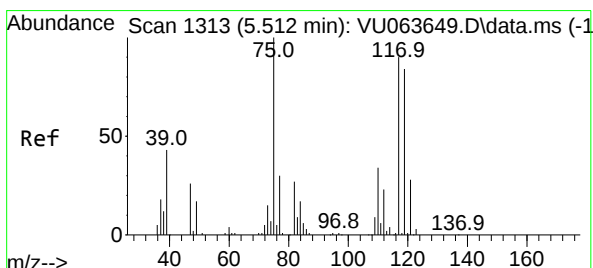
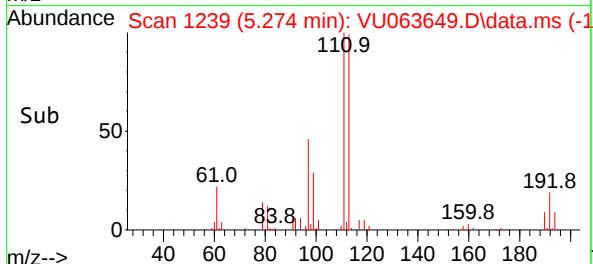
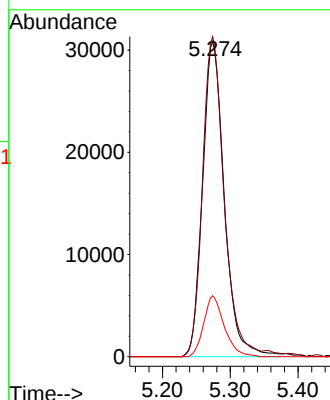
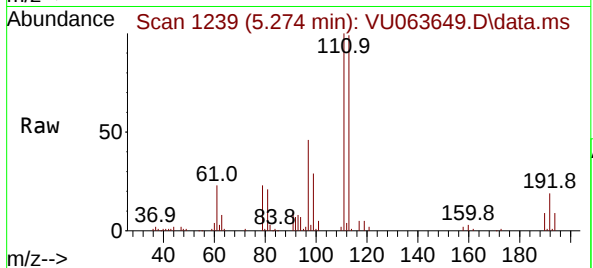
Tgt Ion:113 Resp: 68736

Ion Ratio Lower Upper

113 100

111 100.4 80.3 120.5

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 51.928 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

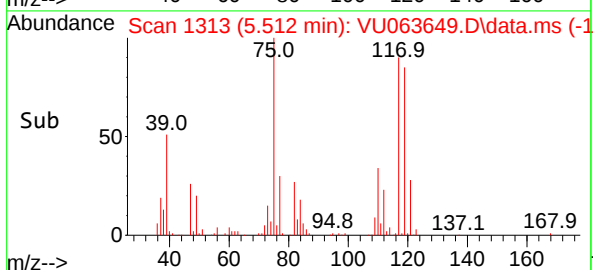
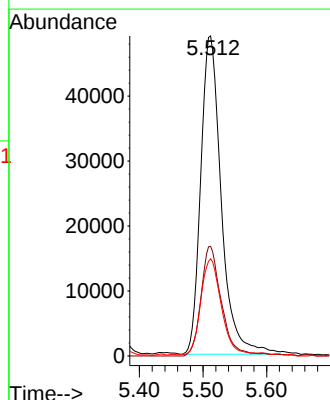
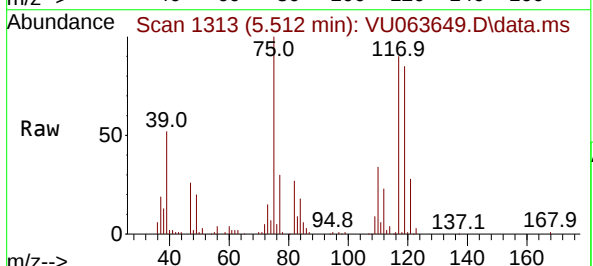
Tgt Ion: 75 Resp: 109877

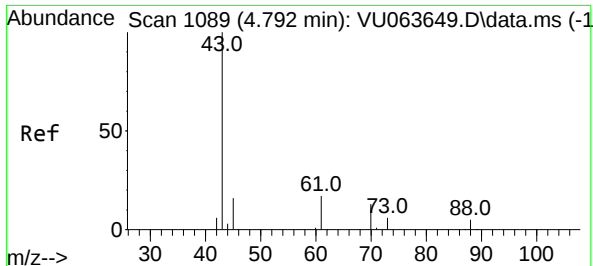
Ion Ratio Lower Upper

75 100

110 33.9 17.0 50.9

77 29.8 23.8 35.8





#37

Ethyl Acetate

Concen: 51.598 ug/l

RT: 4.792 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

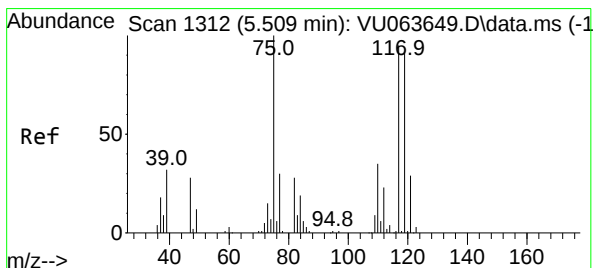
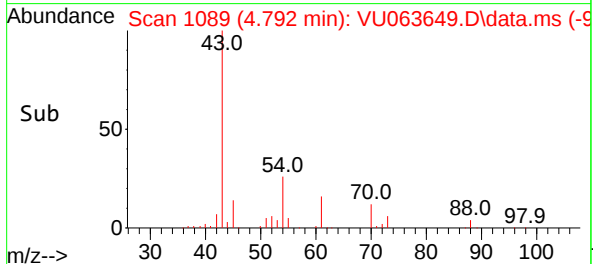
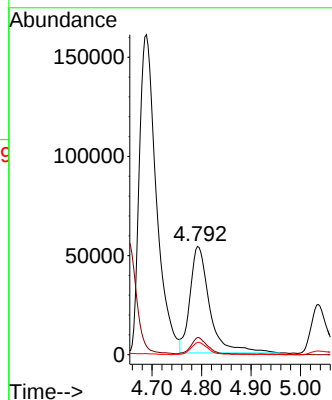
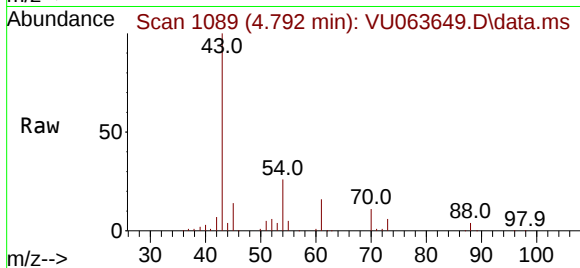
Tgt Ion: 43 Resp: 149232

Ion Ratio Lower Upper

43 100

61 12.1 9.7 14.5

70 10.0 8.0 12.0



#38

Carbon Tetrachloride

Concen: 50.532 ug/l

RT: 5.509 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

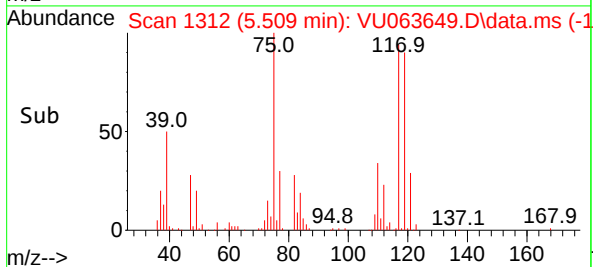
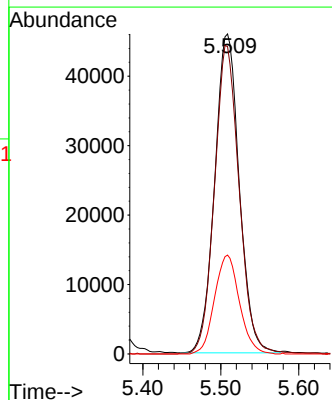
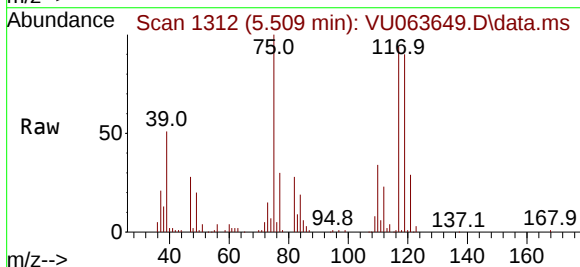
Tgt Ion: 117 Resp: 100887

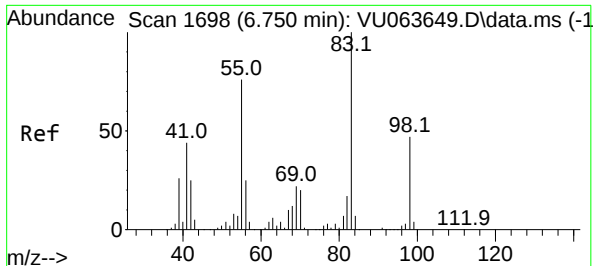
Ion Ratio Lower Upper

117 100

119 96.2 77.0 115.4

121 31.0 24.8 37.2





#39

Methylcyclohexane

Concen: 51.256 ug/l

RT: 6.750 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

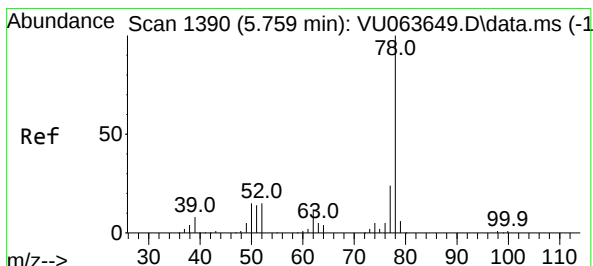
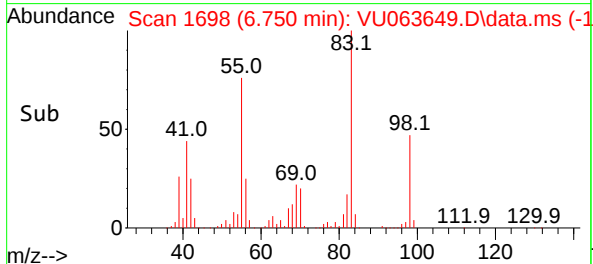
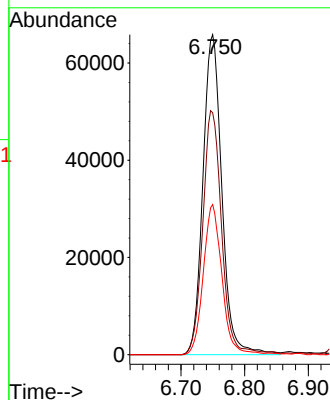
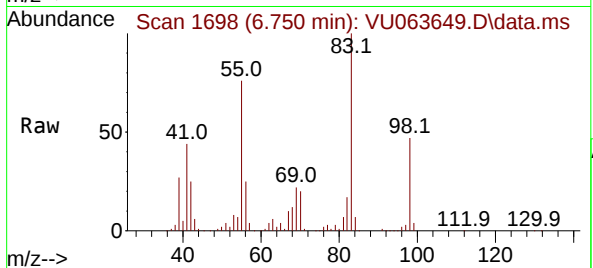
Tgt Ion: 83 Resp: 136367

Ion Ratio Lower Upper

83 100

55 75.6 60.5 90.7

98 46.9 37.5 56.3



#40

Benzene

Concen: 51.234 ug/l

RT: 5.759 min Scan# 1390

Delta R.T. 0.000 min

Lab File: VU063649.D

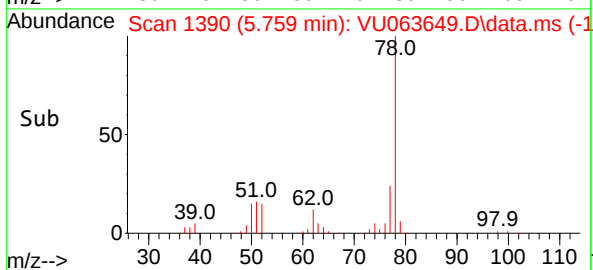
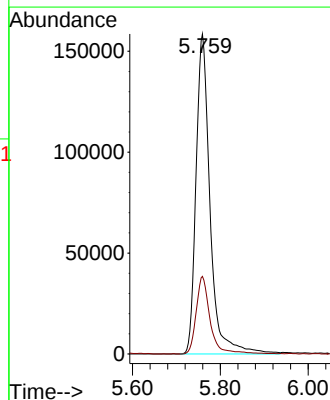
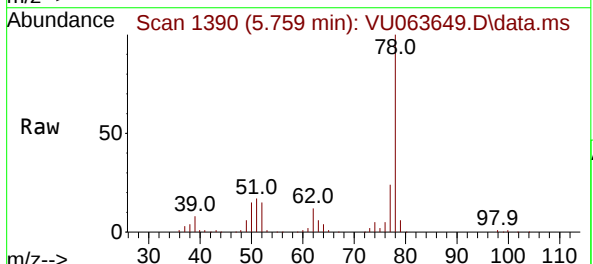
Acq: 25 Sep 2025 18:20

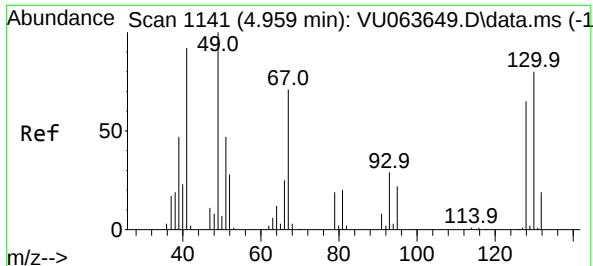
Tgt Ion: 78 Resp: 351865

Ion Ratio Lower Upper

78 100

77 24.3 19.4 29.2

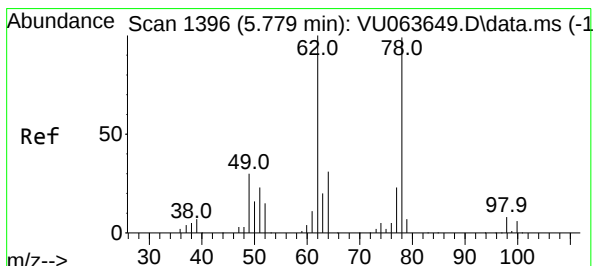
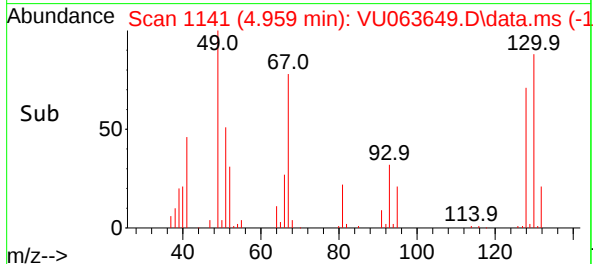
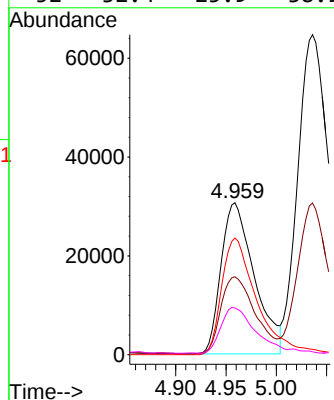
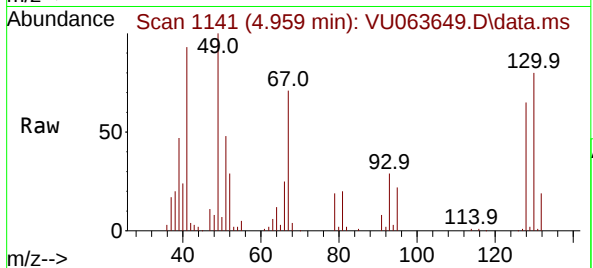




#41
Methacrylonitrile
Concen: 56.368 ug/l
RT: 4.959 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

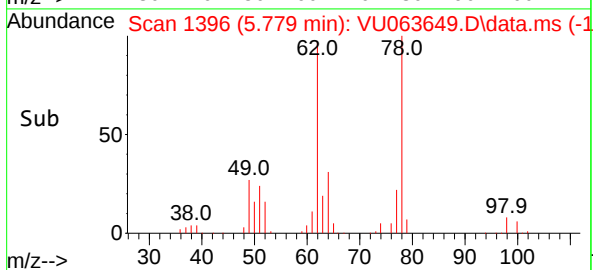
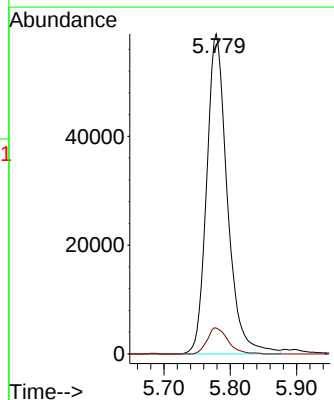
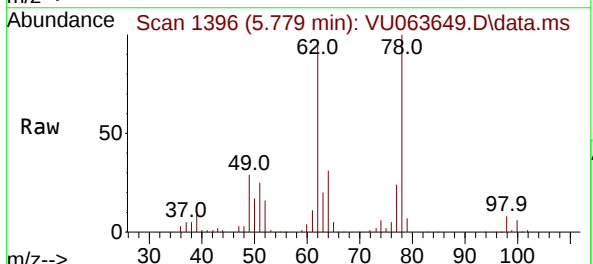
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

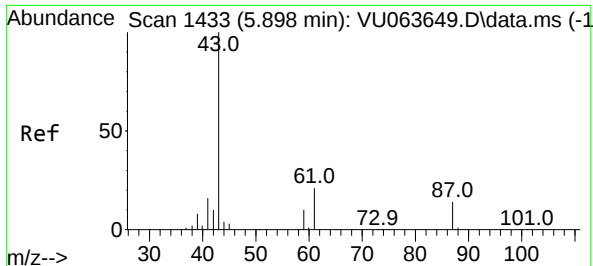
Tgt Ion: 41	Resp: 70438
Ion Ratio	Lower Upper
41 100	
39 52.6	42.1 63.1
67 82.9	66.3 99.5
52 32.4	25.9 38.9



#42
1,2-Dichloroethane
Concen: 50.808 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion: 62	Resp: 127513
Ion Ratio	Lower Upper
62 100	
98 8.1	0.0 16.2

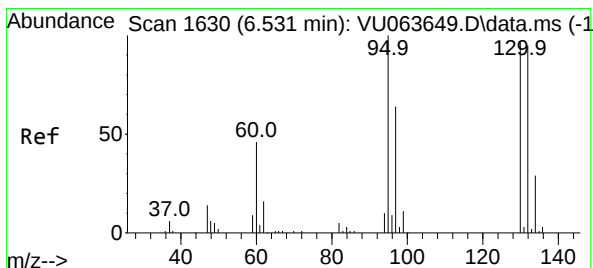
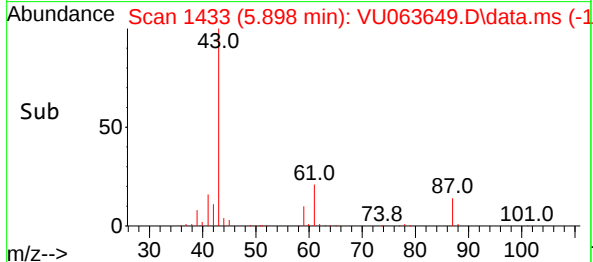
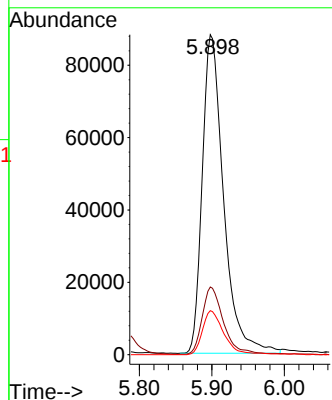
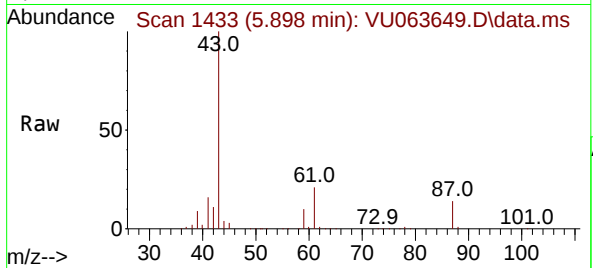




#43
Isopropyl Acetate
Concen: 50.233 ug/l
RT: 5.898 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

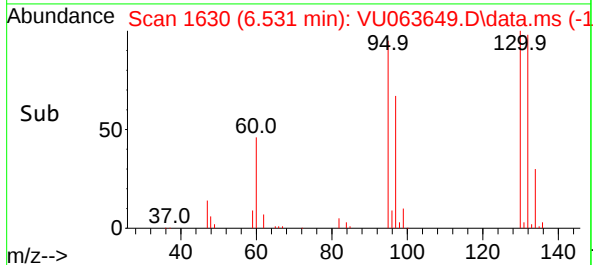
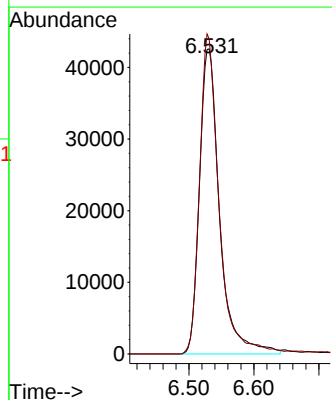
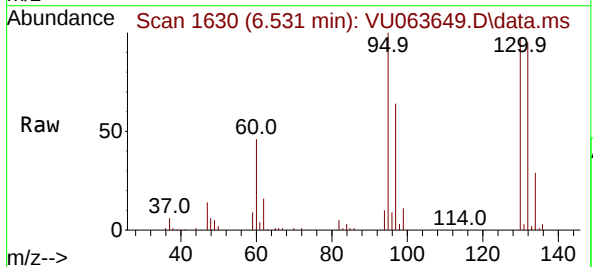
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

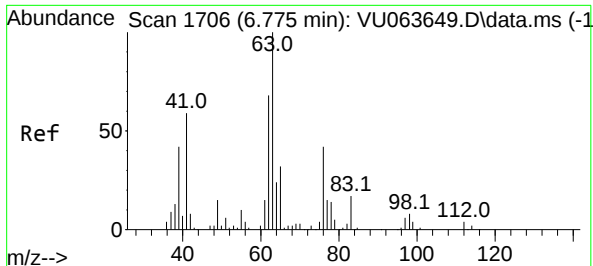
Tgt Ion: 43 Resp: 180232
Ion Ratio Lower Upper
43 100
61 21.1 16.9 25.3
87 13.5 10.8 16.2



#44
Trichloroethene
Concen: 51.549 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion:130 Resp: 91863
Ion Ratio Lower Upper
130 100
95 103.3 0.0 206.6





#45

1,2-Dichloropropane

Concen: 49.215 ug/l

RT: 6.775 min Scan# 1706

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

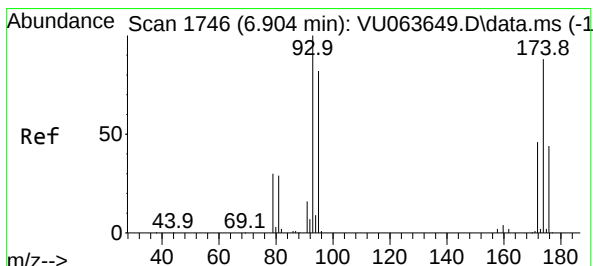
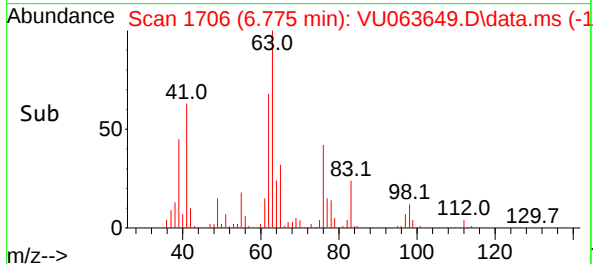
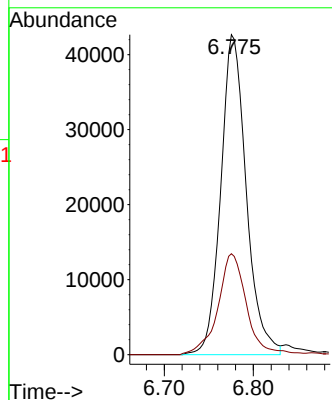
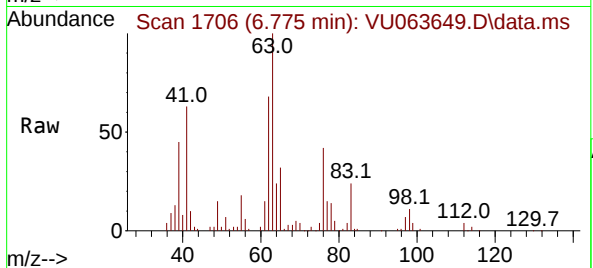
VSTDICCC050

Tgt Ion: 63 Resp: 84943

Ion Ratio Lower Upper

63 100

65 31.6 25.3 37.9



#46

Dibromomethane

Concen: 50.766 ug/l

RT: 6.904 min Scan# 1746

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

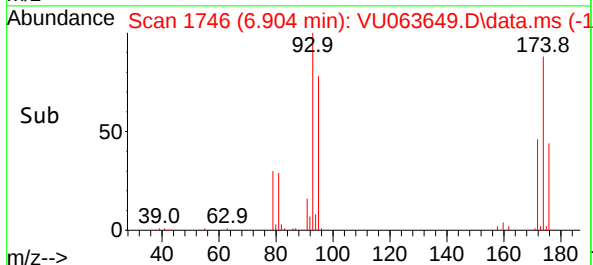
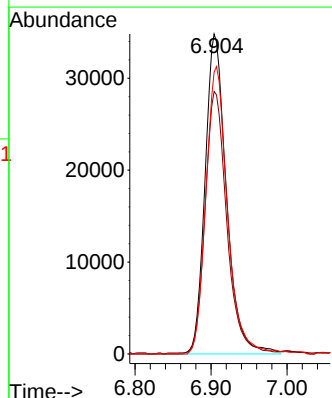
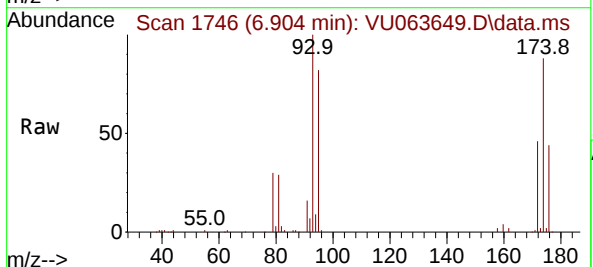
Tgt Ion: 93 Resp: 67988

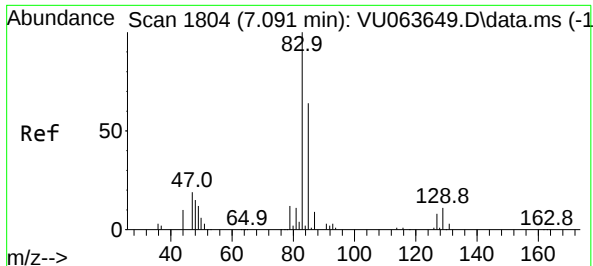
Ion Ratio Lower Upper

93 100

95 82.0 65.6 98.4

174 90.4 72.3 108.5





#47

Bromodichloromethane

Concen: 53.195 ug/l

RT: 7.091 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

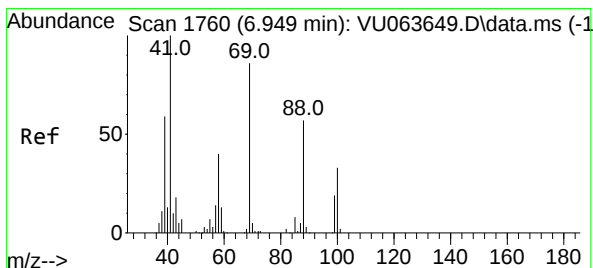
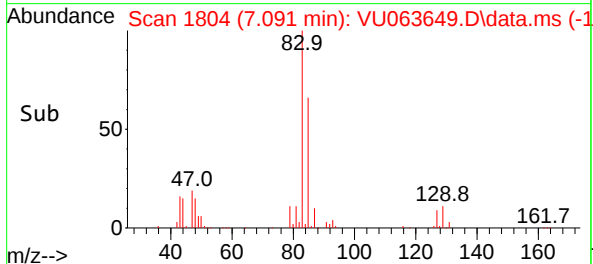
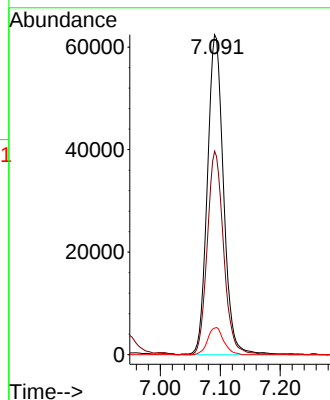
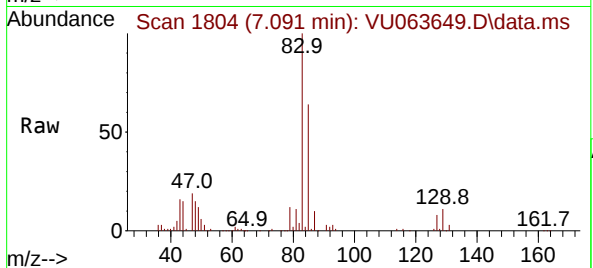
Tgt Ion: 83 Resp: 116743

Ion Ratio Lower Upper

83 100

85 63.6 50.9 76.3

127 8.3 6.6 10.0



#48

Methyl methacrylate

Concen: 48.781 ug/l

RT: 6.949 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

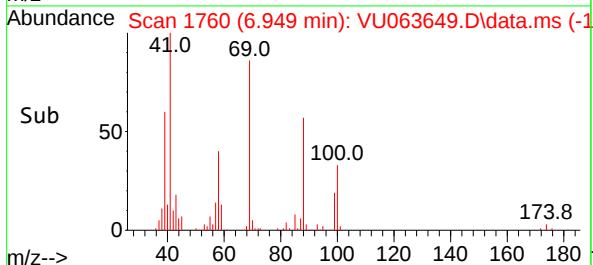
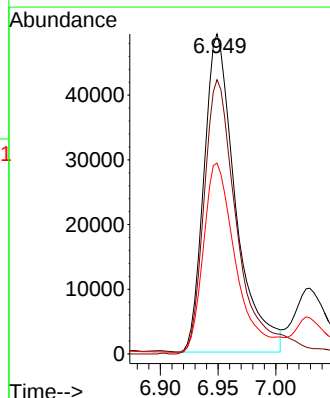
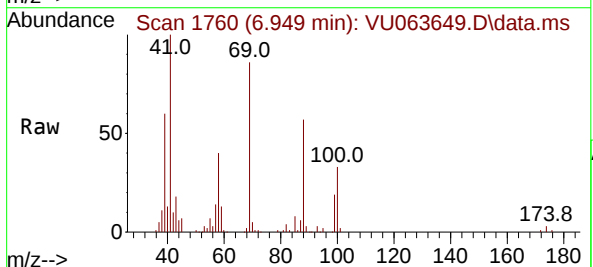
Tgt Ion: 41 Resp: 93596

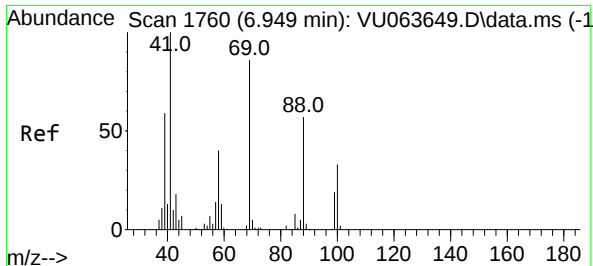
Ion Ratio Lower Upper

41 100

69 91.9 73.5 110.3

39 59.7 47.8 71.6





#49

1,4-Dioxane

Concen: 1125.403 ug/l

RT: 6.949 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

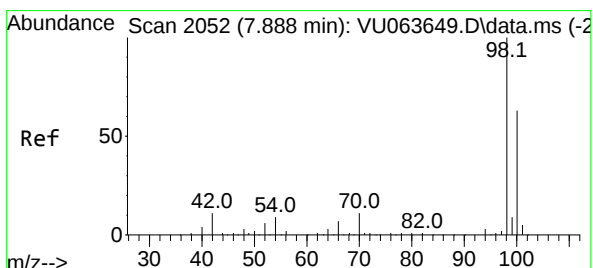
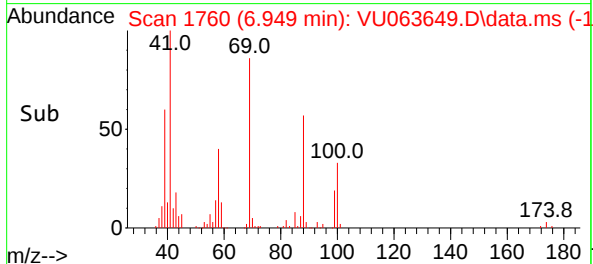
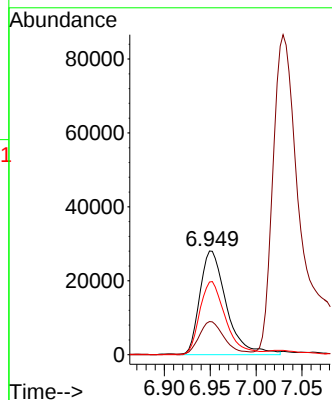
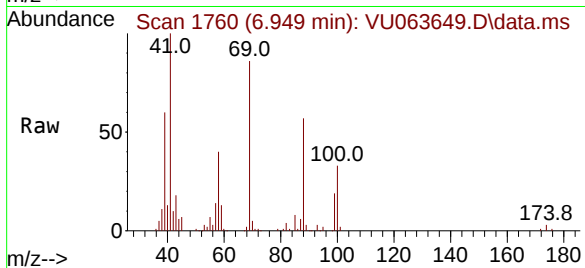
Tgt Ion: 88 Resp: 56874

Ion Ratio Lower Upper

88 100

43 30.8 24.6 37.0

58 68.0 54.4 81.6



#50

Toluene-d8

Concen: 48.812 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. -0.000 min

Lab File: VU063649.D

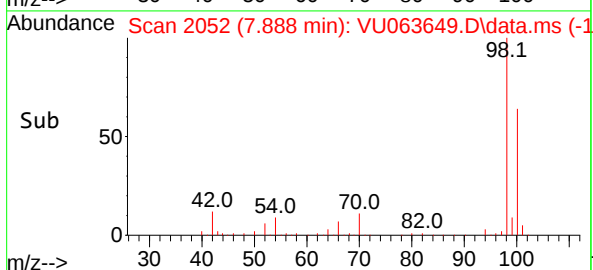
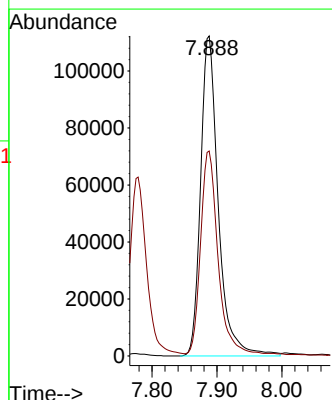
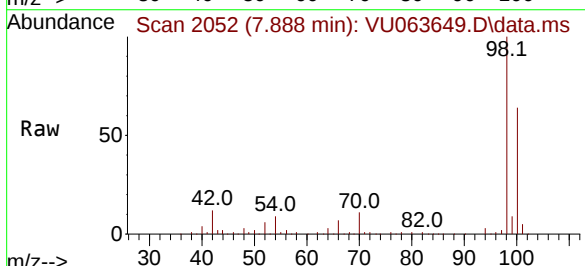
Acq: 25 Sep 2025 18:20

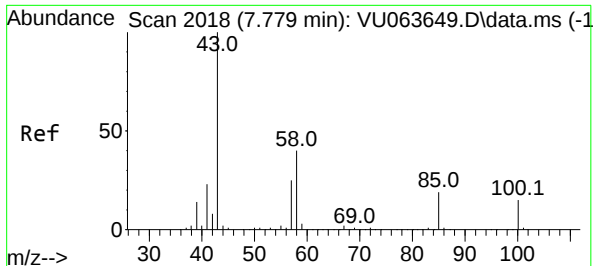
Tgt Ion: 98 Resp: 213117

Ion Ratio Lower Upper

98 100

100 62.0 49.6 74.4

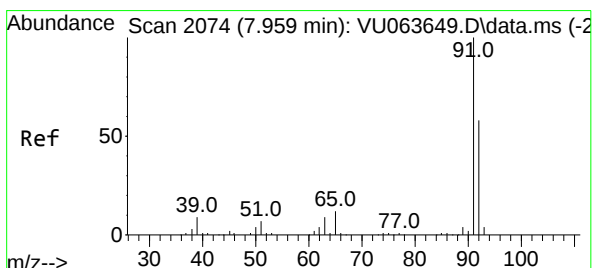
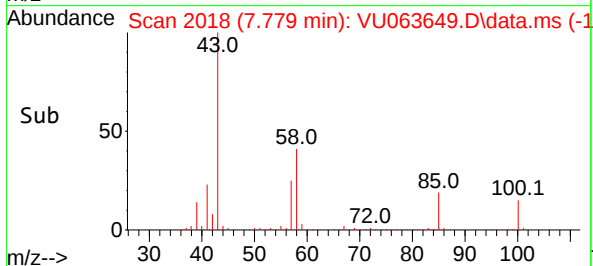
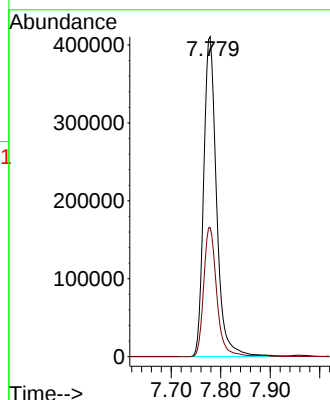
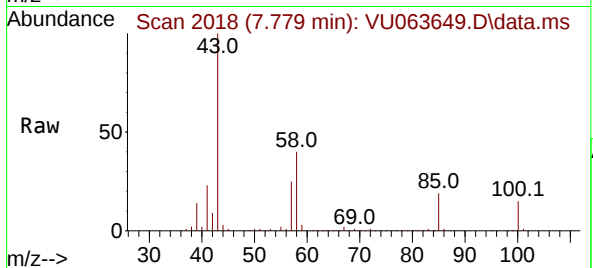




#51
4-Methyl-2-Pentanone
Concen: 262.590 ug/l
RT: 7.779 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

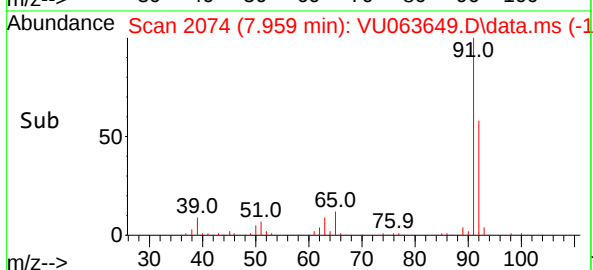
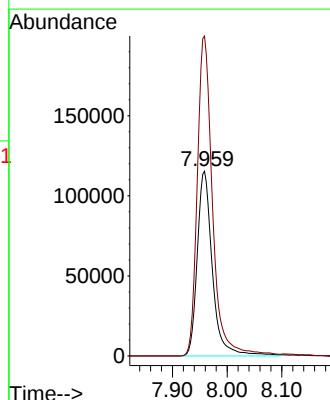
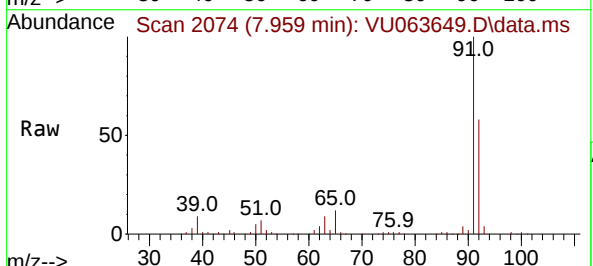
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

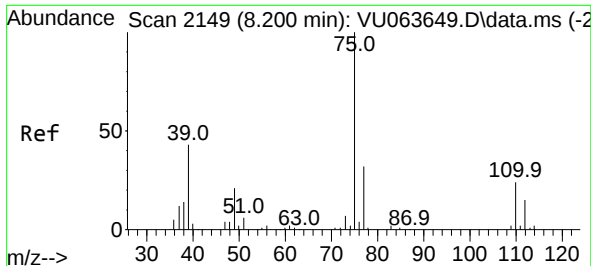
Tgt Ion: 43 Resp: 744209
Ion Ratio Lower Upper
43 100
58 40.7 32.6 48.8



#52
Toluene
Concen: 53.266 ug/l
RT: 7.959 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion: 92 Resp: 222199
Ion Ratio Lower Upper
92 100
91 174.3 139.4 209.2





#53

t-1,3-Dichloropropene

Concen: 51.846 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

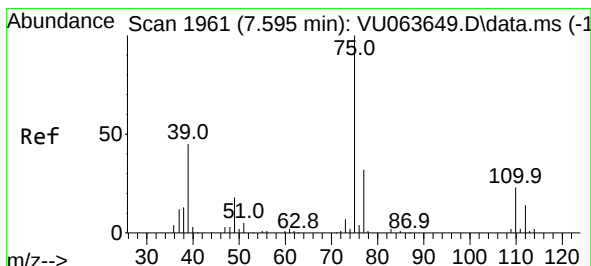
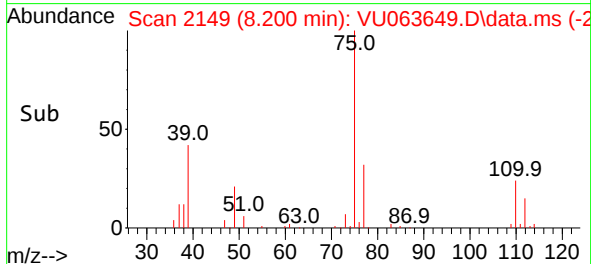
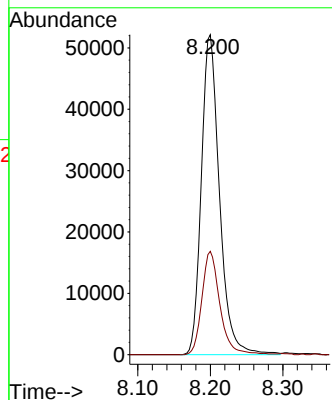
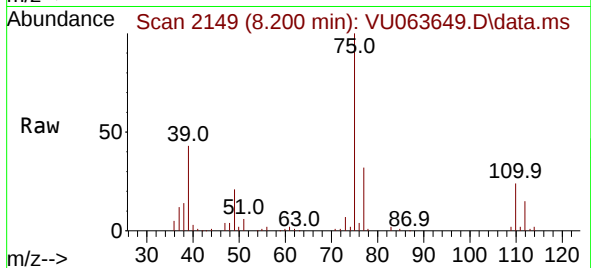
VSTDICCC050

Tgt Ion: 75 Resp: 90738

Ion Ratio Lower Upper

75 100

77 32.3 25.8 38.8



#54

cis-1,3-Dichloropropene

Concen: 54.578 ug/l

RT: 7.595 min Scan# 1961

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

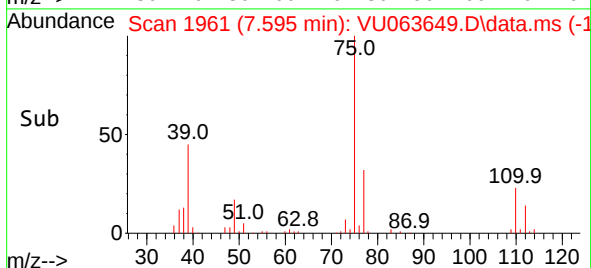
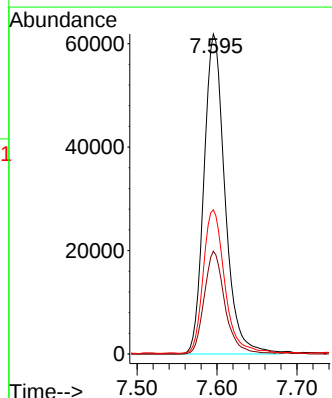
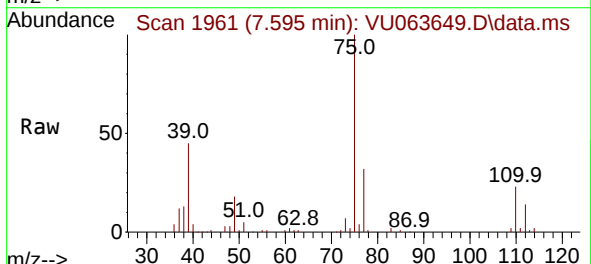
Tgt Ion: 75 Resp: 113306

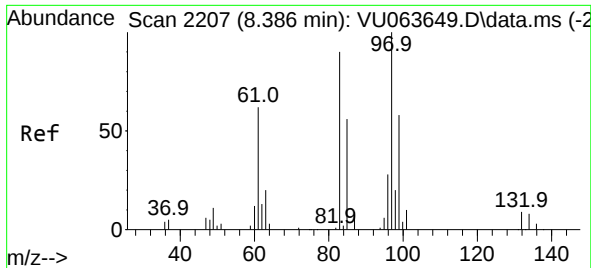
Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

39 44.8 35.8 53.8

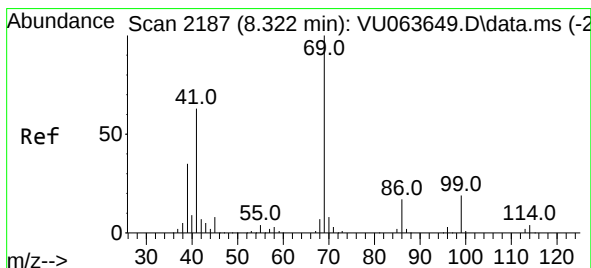
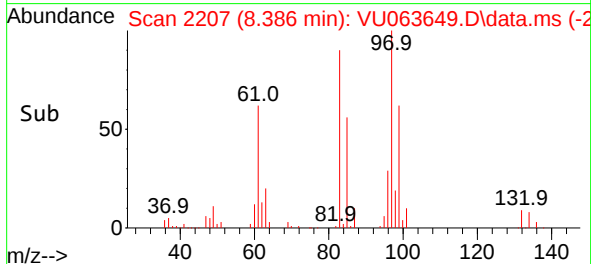
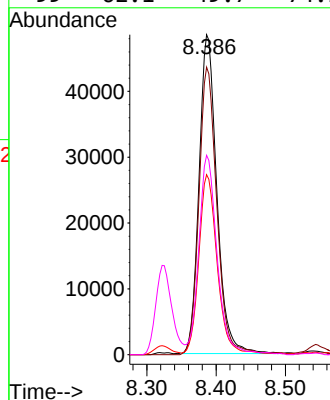
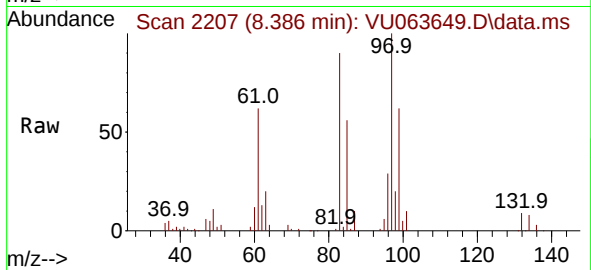




#55
1,1,2-Trichloroethane
Concen: 50.607 ug/l
RT: 8.386 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

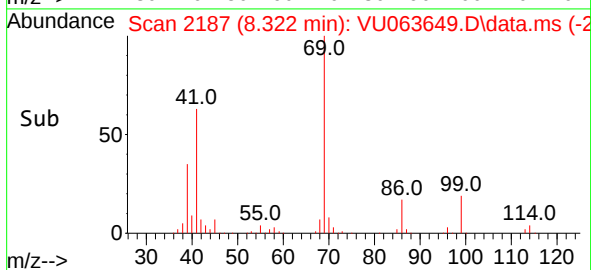
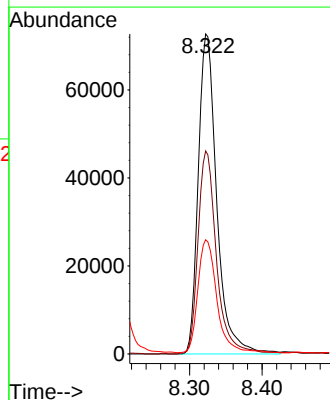
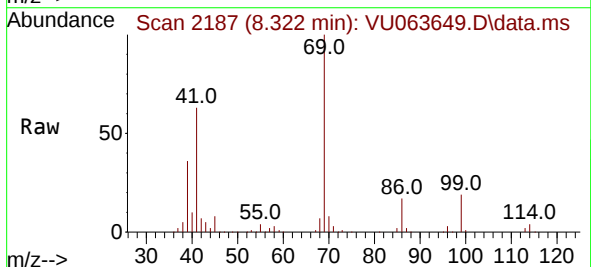
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

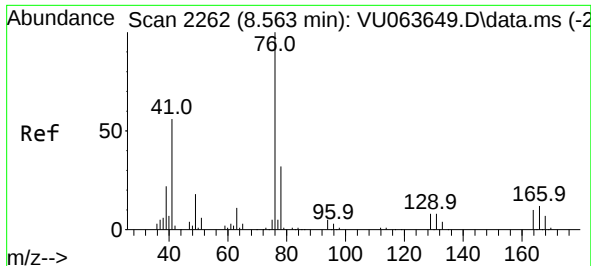
Tgt Ion:	97	Resp:	86882
Ion	Ratio	Lower	Upper
97	100		
83	90.1	72.1	108.1
85	56.0	44.8	67.2
99	62.1	49.7	74.5



#56
Ethyl methacrylate
Concen: 50.421 ug/l
RT: 8.322 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion:	69	Resp:	129079
Ion	Ratio	Lower	Upper
69	100		
41	63.2	50.6	75.8
39	36.5	29.2	43.8





#57

1,3-Dichloropropane

Concen: 50.725 ug/l

RT: 8.563 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

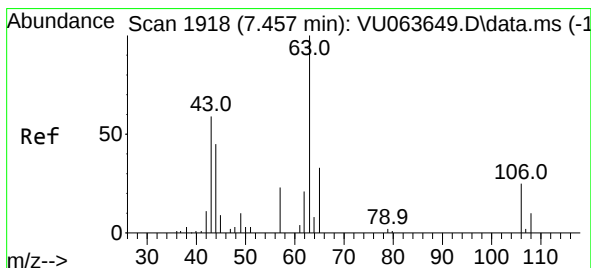
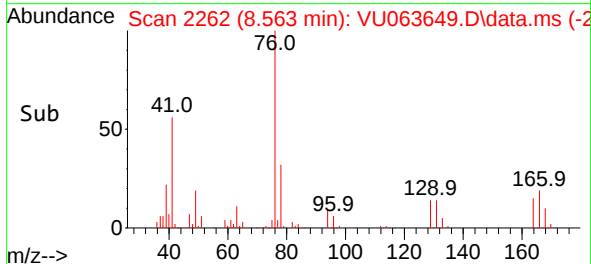
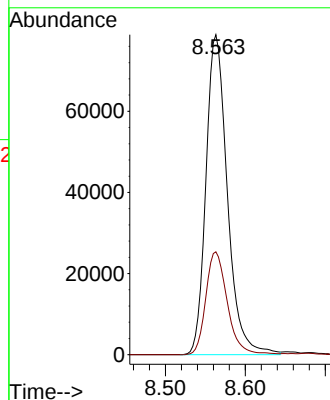
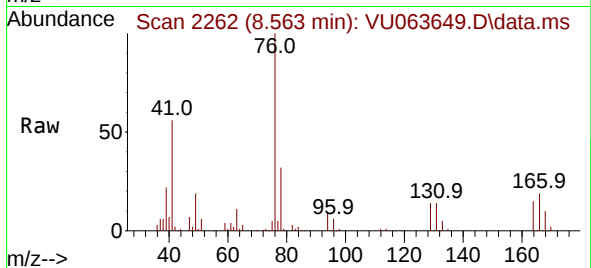
VSTDICCC050

Tgt Ion: 76 Resp: 147035

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 252.329 ug/l

RT: 7.457 min Scan# 1918

Delta R.T. 0.000 min

Lab File: VU063649.D

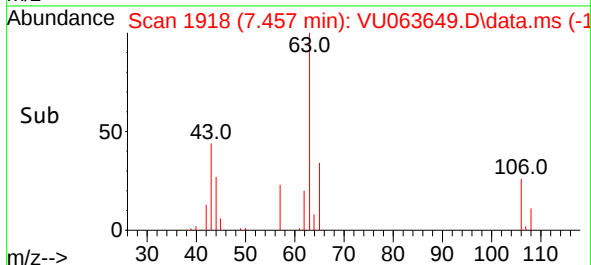
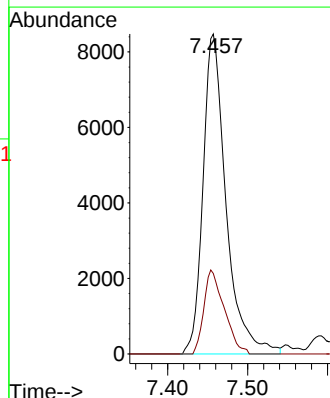
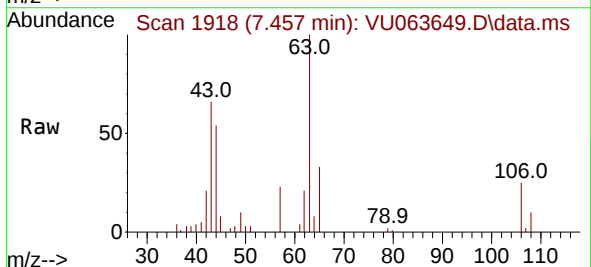
Acq: 25 Sep 2025 18:20

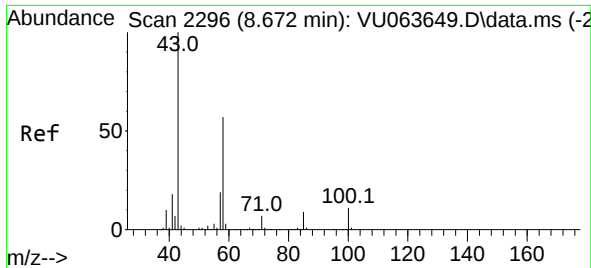
Tgt Ion: 63 Resp: 16997

Ion Ratio Lower Upper

63 100

106 23.2 18.6 27.8

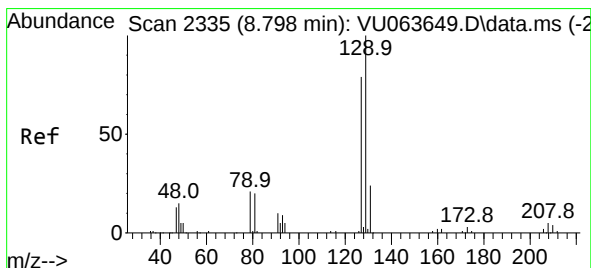
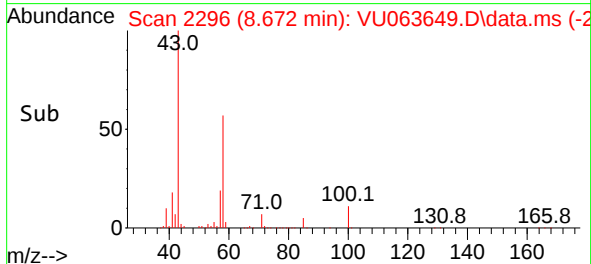
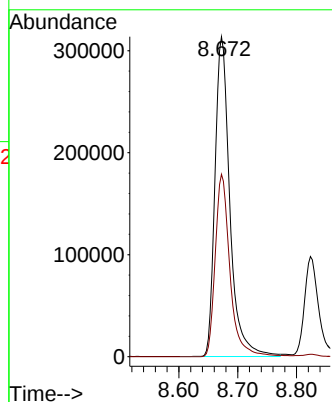
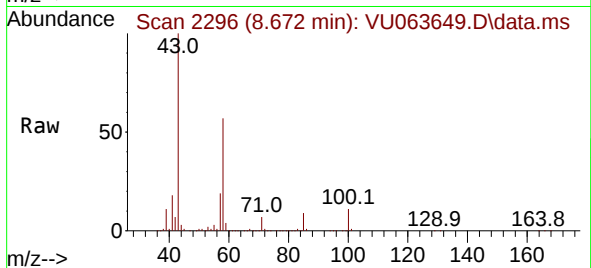




#59
2-Hexanone
Concen: 264.933 ug/l
RT: 8.672 min Scan# 2296
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

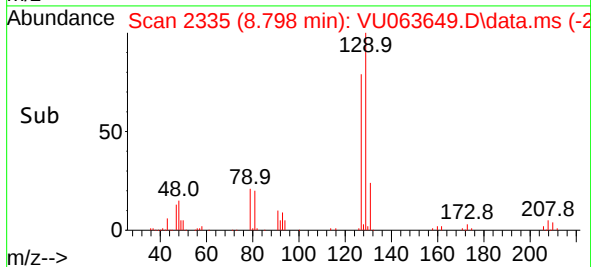
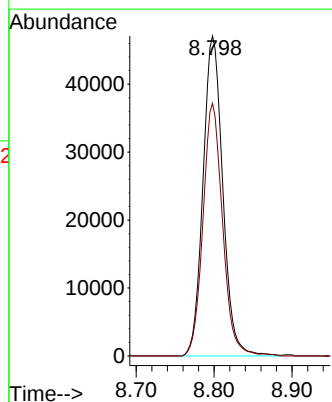
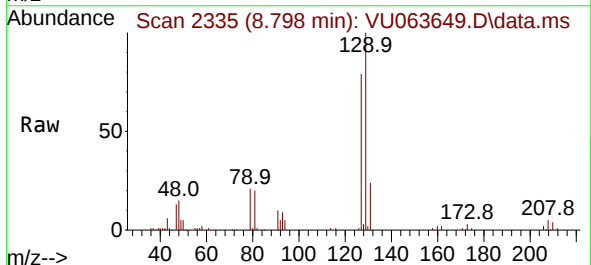
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

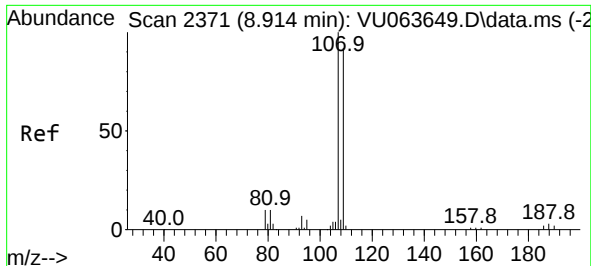
Tgt Ion: 43 Resp: 550655
Ion Ratio Lower Upper
43 100
58 56.7 28.3 85.0



#60
Dibromochloromethane
Concen: 53.068 ug/l
RT: 8.798 min Scan# 2335
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion:129 Resp: 83010
Ion Ratio Lower Upper
129 100
127 78.1 39.1 117.2

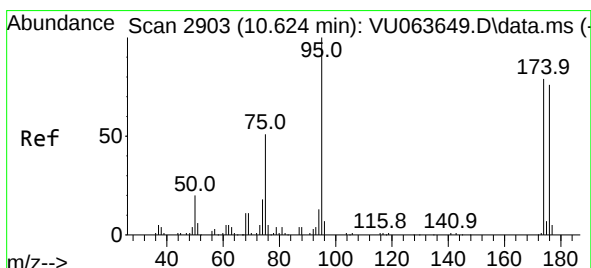
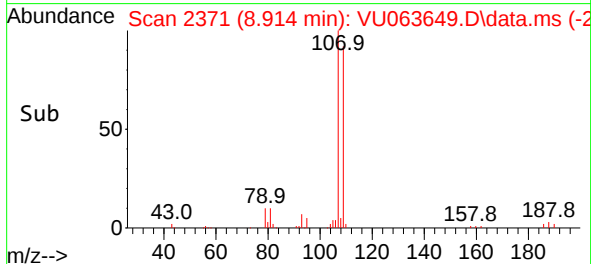
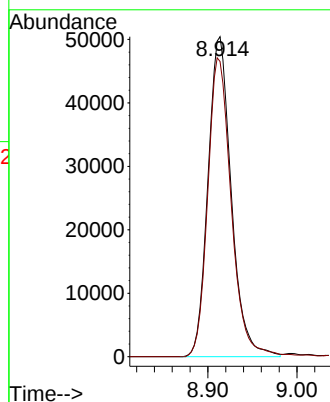
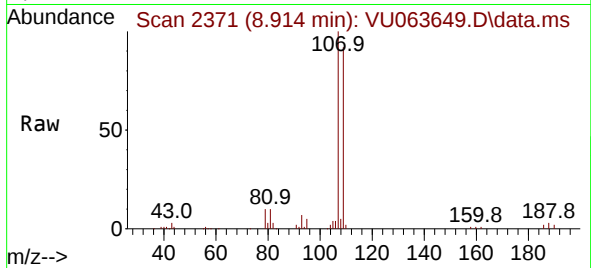




#61
1,2-Dibromoethane
Concen: 52.971 ug/l
RT: 8.914 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

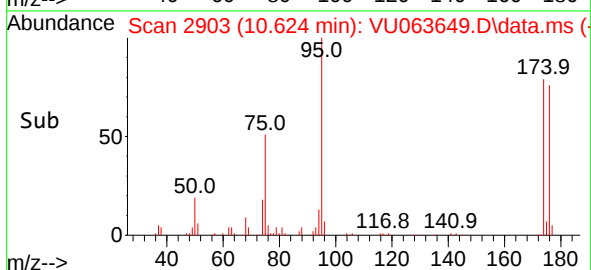
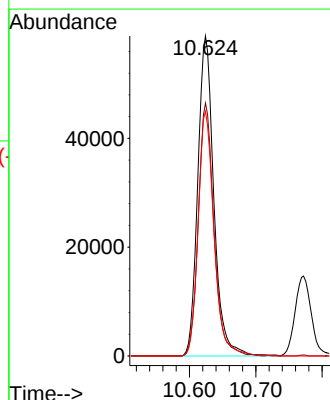
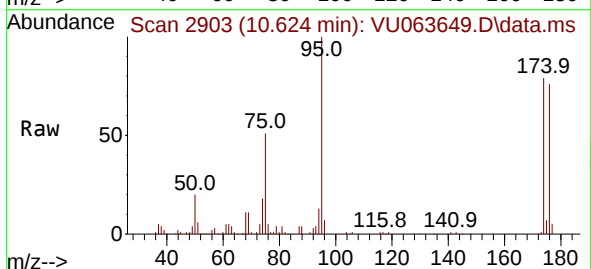
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

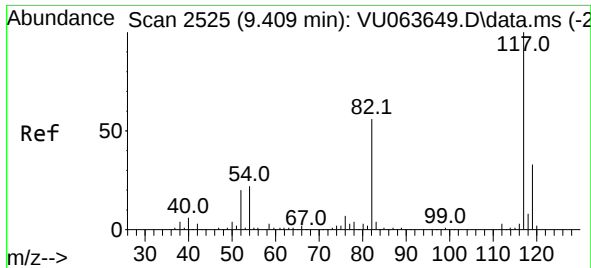
Tgt Ion:107 Resp: 91450
Ion Ratio Lower Upper
107 100
109 94.4 75.5 113.3



#62
4-Bromofluorobenzene
Concen: 50.613 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion: 95 Resp: 99097
Ion Ratio Lower Upper
95 100
174 77.1 0.0 154.2
176 75.4 0.0 150.8

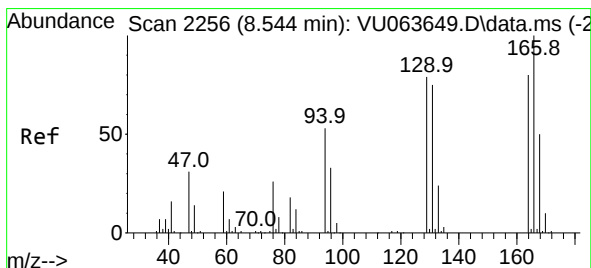
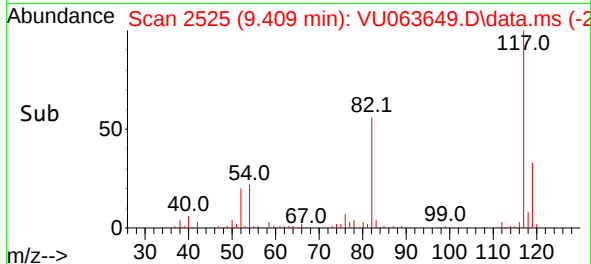
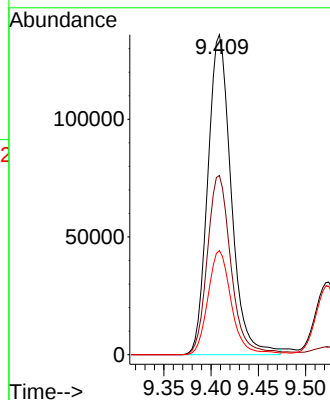
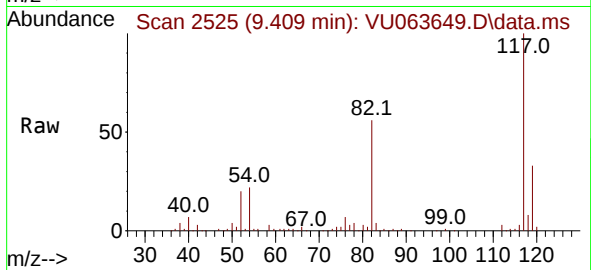




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

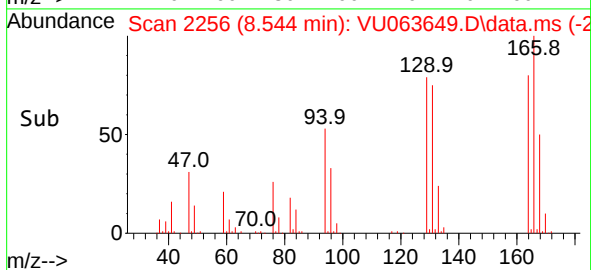
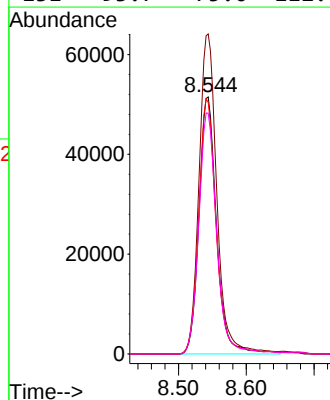
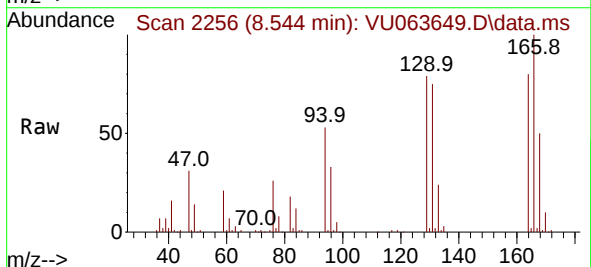
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

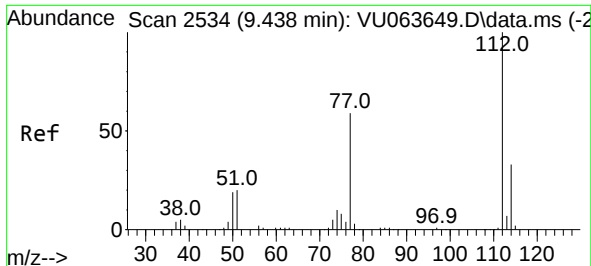
Tgt Ion:117 Resp: 234169
Ion Ratio Lower Upper
117 100
82 56.0 44.8 67.2
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 53.720 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion:164 Resp: 92838
Ion Ratio Lower Upper
164 100
166 124.5 99.6 149.4
129 97.9 78.3 117.5
131 93.7 75.0 112.4

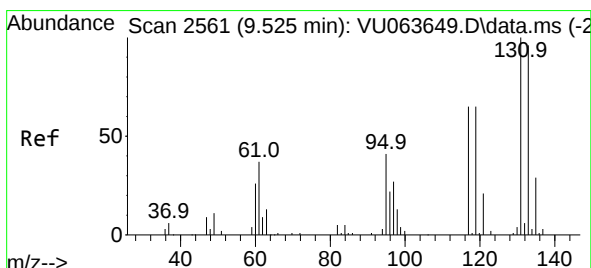
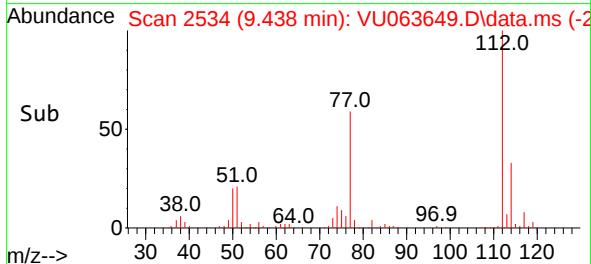
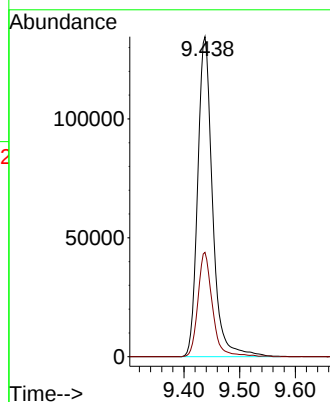
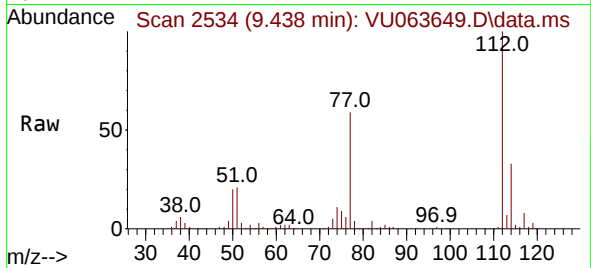




#65
Chlorobenzene
Concen: 51.854 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

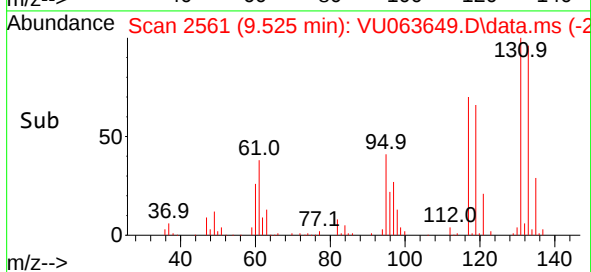
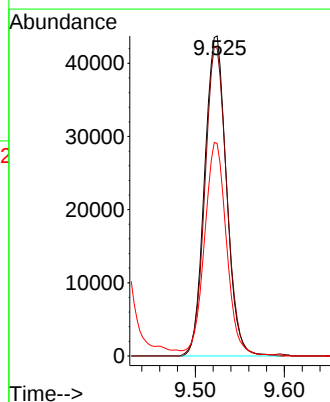
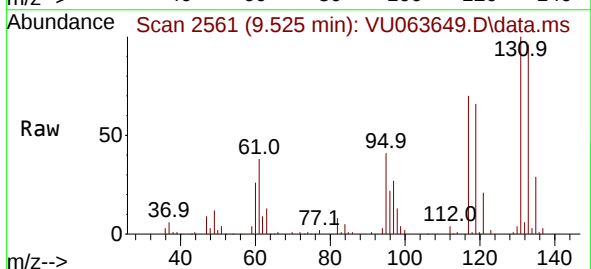
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

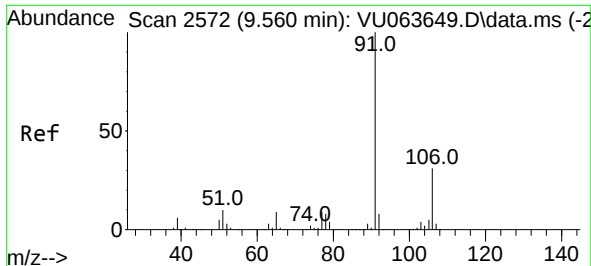
Tgt Ion:112 Resp: 249465
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 53.450 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion:131 Resp: 74189
Ion Ratio Lower Upper
131 100
133 96.9 48.4 145.3
119 66.4 33.2 99.6





#67

Ethyl Benzene

Concen: 52.160 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

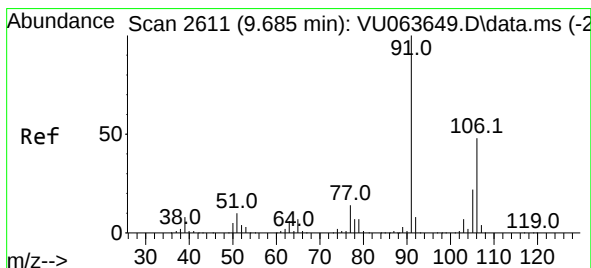
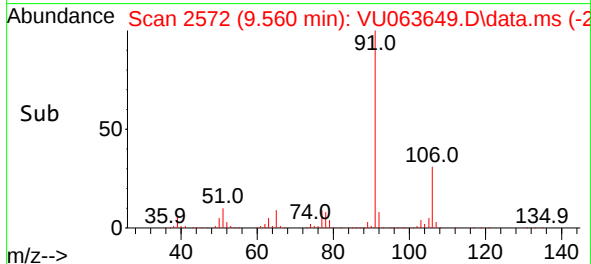
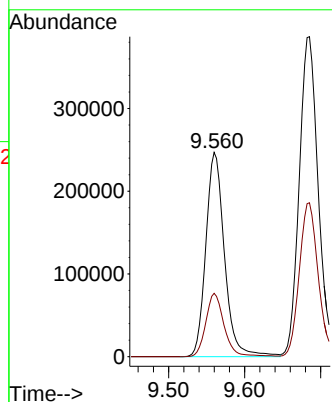
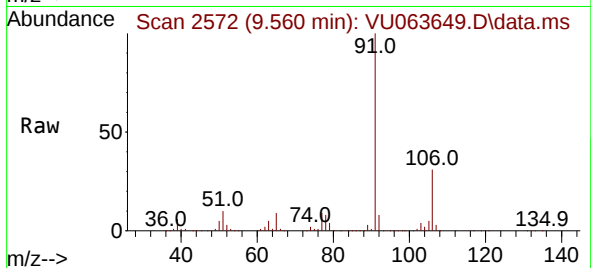
VSTDICCC050

Tgt Ion: 91 Resp: 421297

Ion Ratio Lower Upper

91 100

106 31.0 24.8 37.2



#68

m/p-Xylenes

Concen: 108.803 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU063649.D

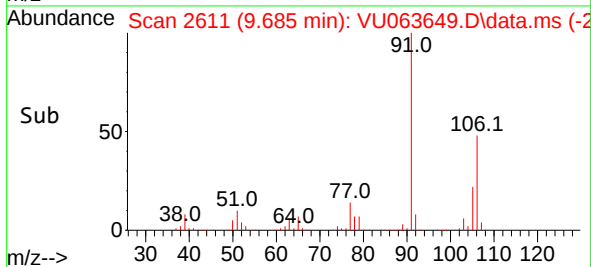
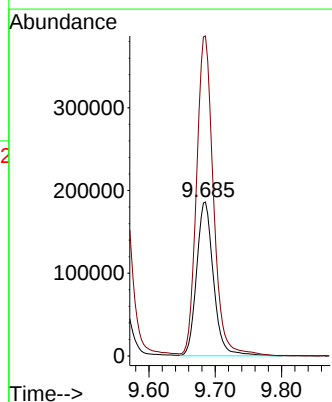
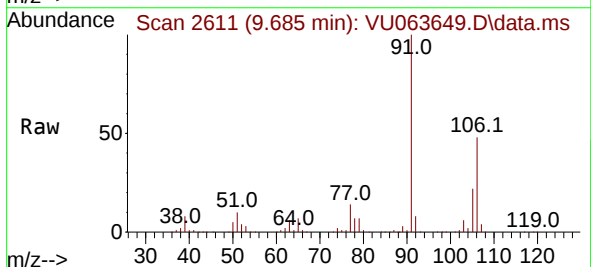
Acq: 25 Sep 2025 18:20

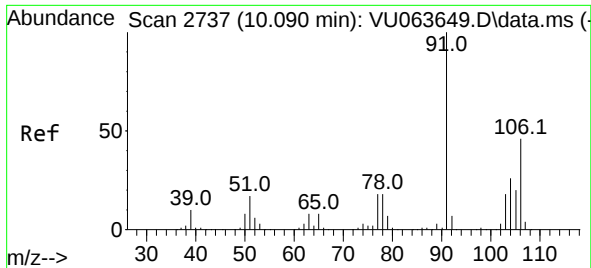
Tgt Ion:106 Resp: 328031

Ion Ratio Lower Upper

106 100

91 208.2 166.6 249.8

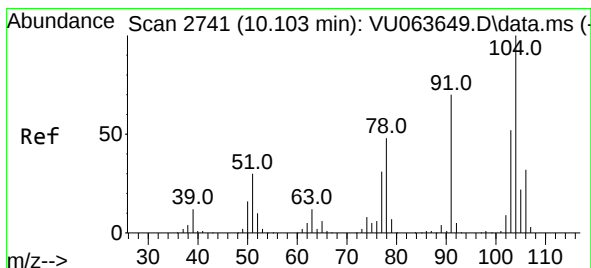
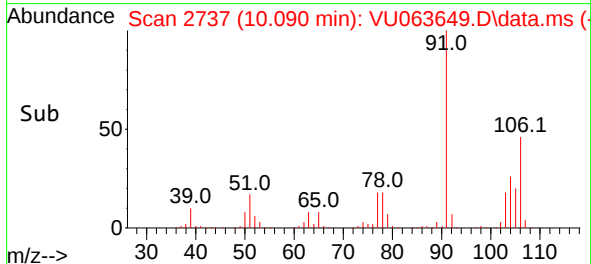
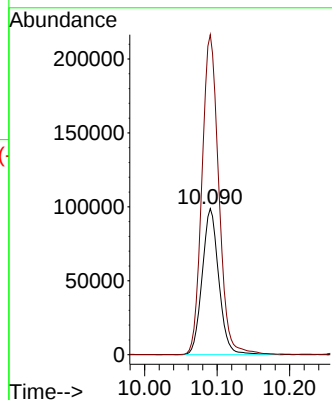
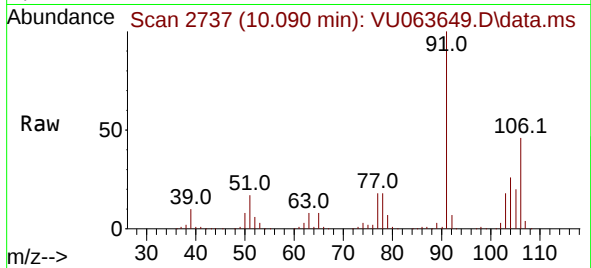




#69
o-Xylene
Concen: 53.912 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

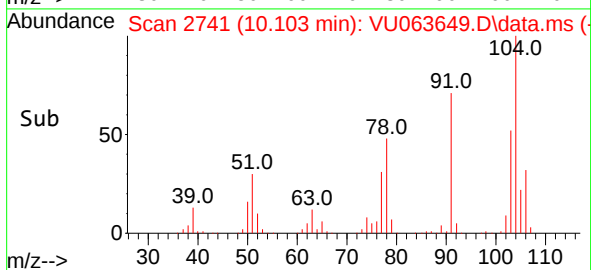
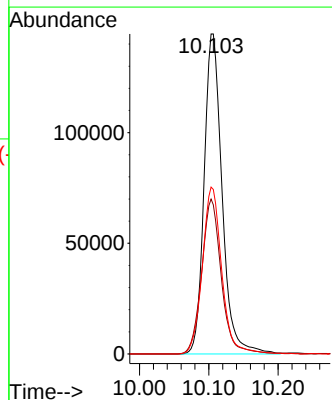
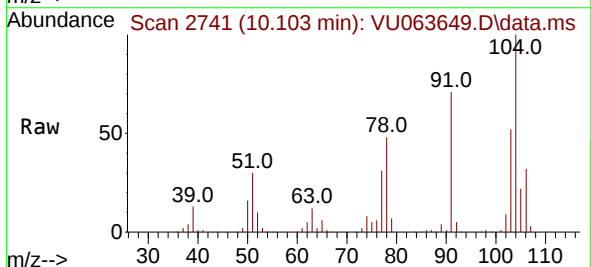
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

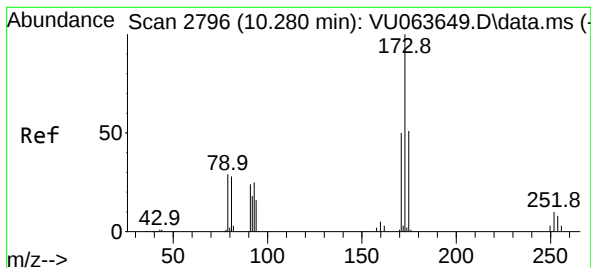
Tgt Ion:106 Resp: 157377
Ion Ratio Lower Upper
106 100
91 222.2 111.1 333.3



#70
Styrene
Concen: 55.114 ug/l
RT: 10.103 min Scan# 2741
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion:104 Resp: 260944
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 56.1 44.9 67.3





#71

Bromoform

Concen: 45.681 ug/l

RT: 10.280 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

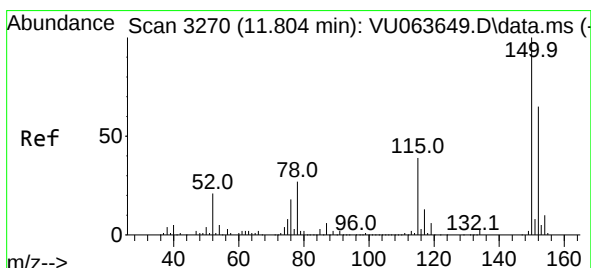
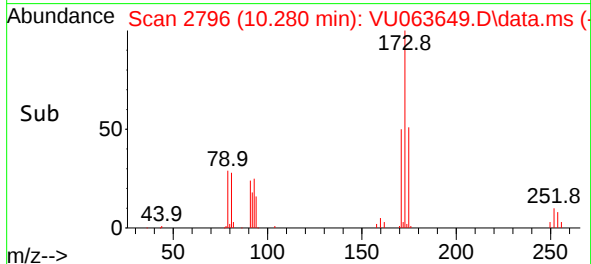
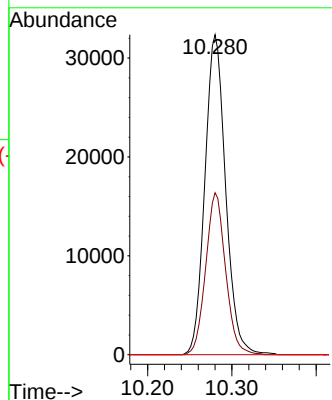
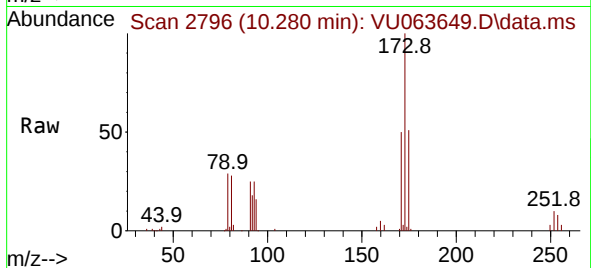
Tgt Ion:173 Resp: 55442

Ion Ratio Lower Upper

173 100

175 48.5 24.3 72.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.804 min Scan# 3270

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

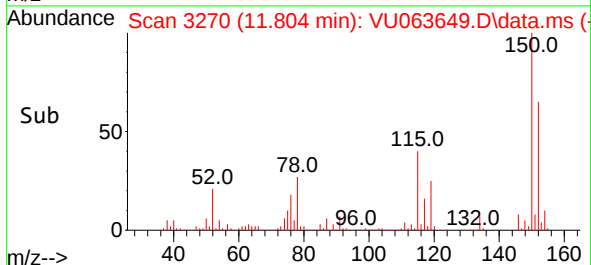
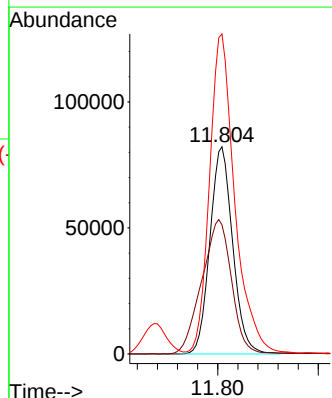
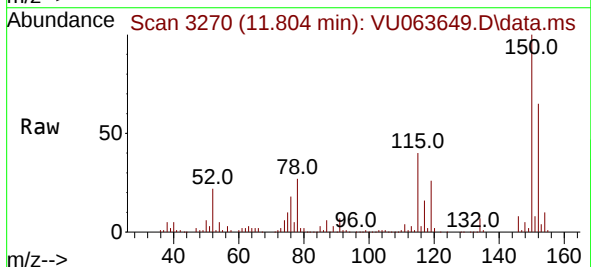
Tgt Ion:152 Resp: 129332

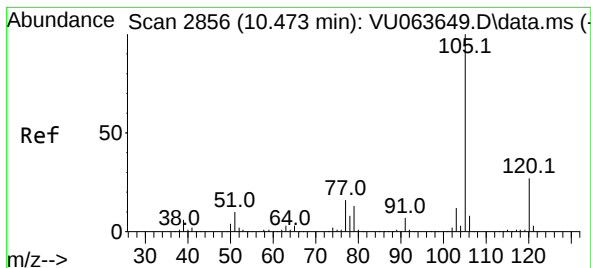
Ion Ratio Lower Upper

152 100

115 84.5 42.3 126.8

150 170.4 0.0 340.8





#73

Isopropylbenzene

Concen: 50.119 ug/l

RT: 10.473 min Scan# 2856

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

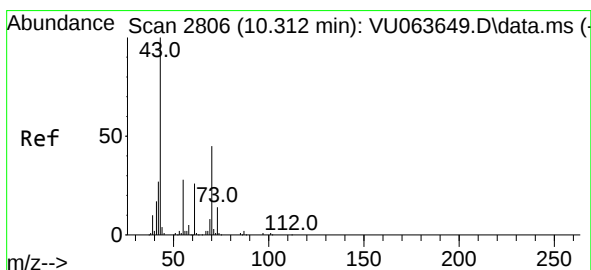
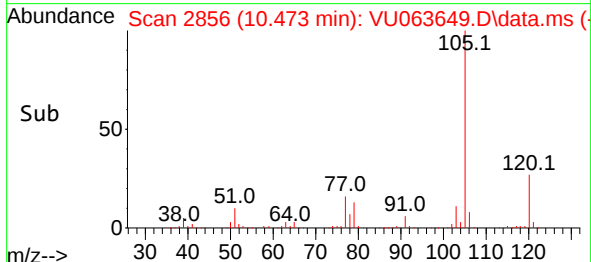
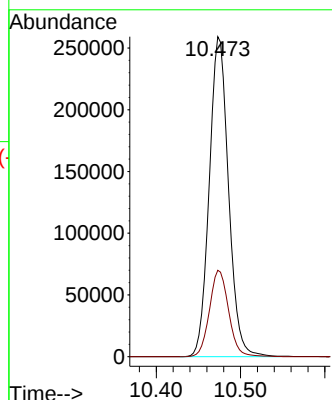
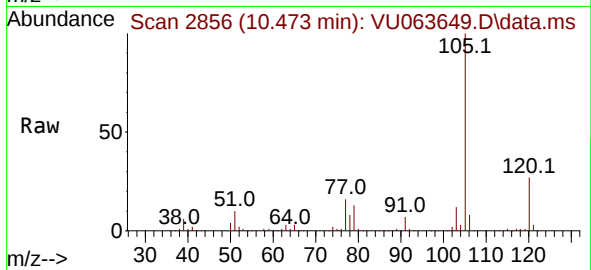
VSTDICCC050

Tgt Ion:105 Resp: 411699

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#74

N-ethyl acetate

Concen: 52.787 ug/l

RT: 10.312 min Scan# 2806

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Tgt Ion: 43 Resp: 150700

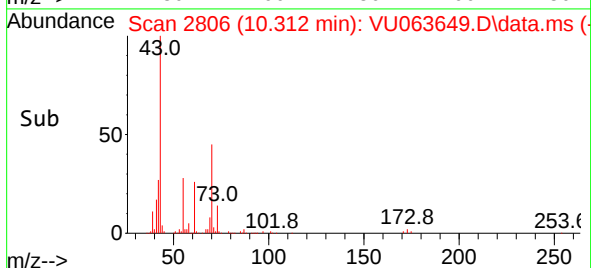
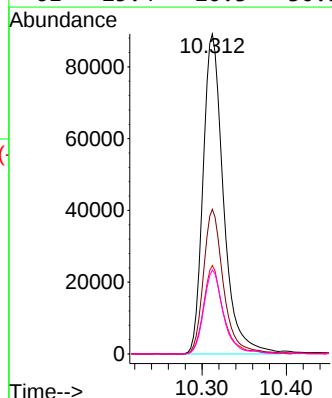
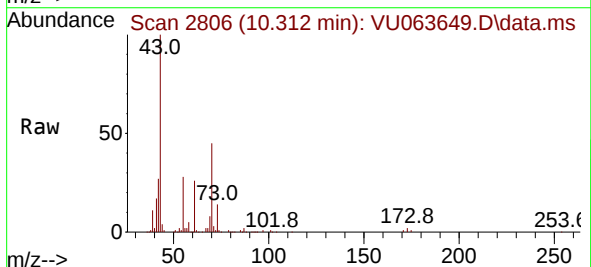
Ion Ratio Lower Upper

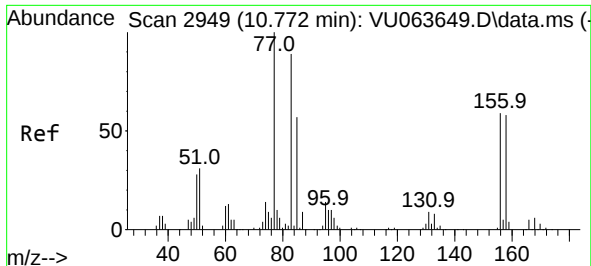
43 100

70 44.4 35.5 53.3

55 27.0 21.6 32.4

61 25.4 20.3 30.5

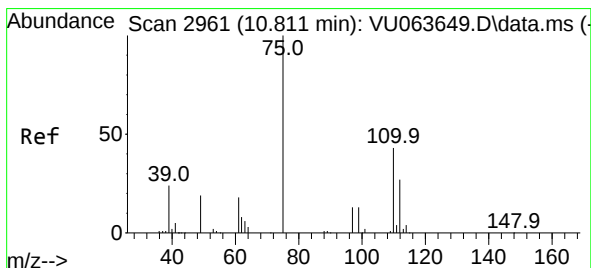
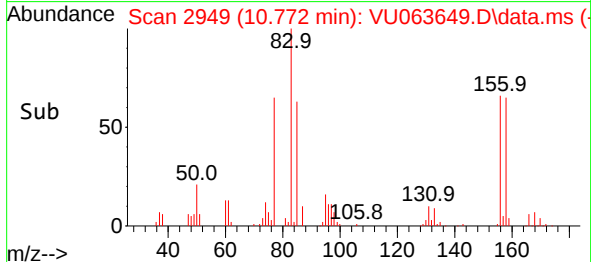
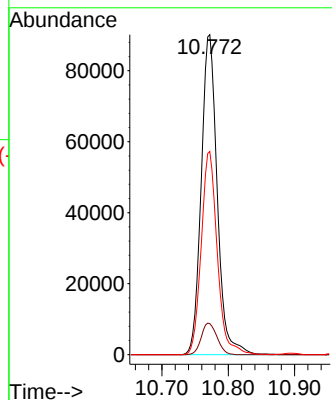
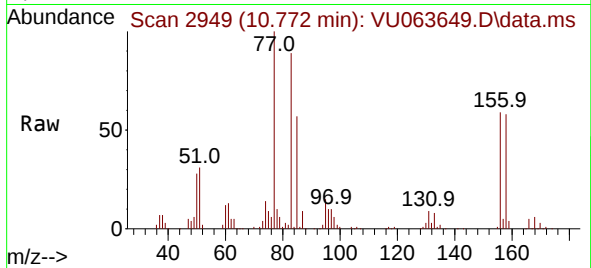




#75
1,1,2,2-Tetrachloroethane
Concen: 49.923 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

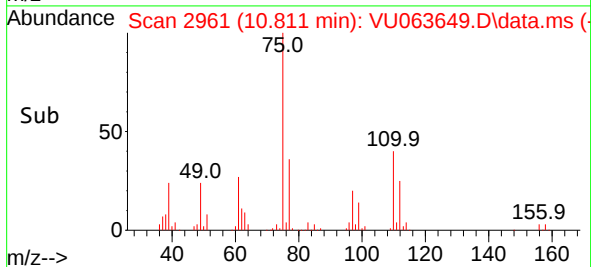
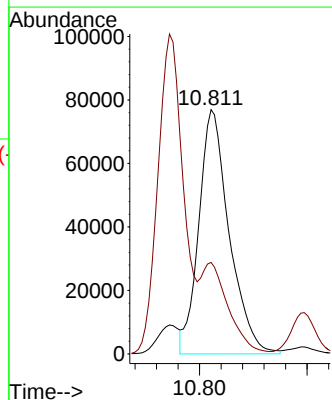
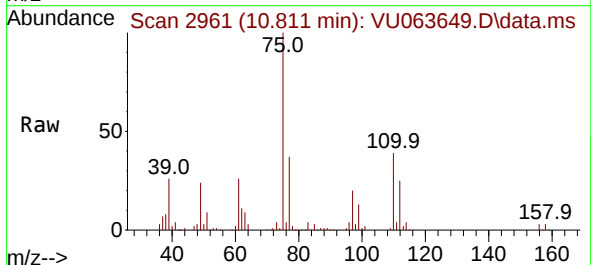
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

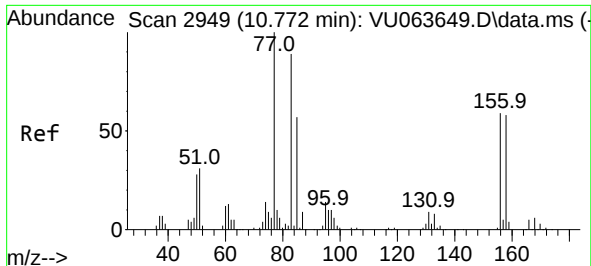
Tgt Ion: 83 Resp: 151462
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.4
85 63.6 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 48.085 ug/l
RT: 10.811 min Scan# 2961
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion: 75 Resp: 150526
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

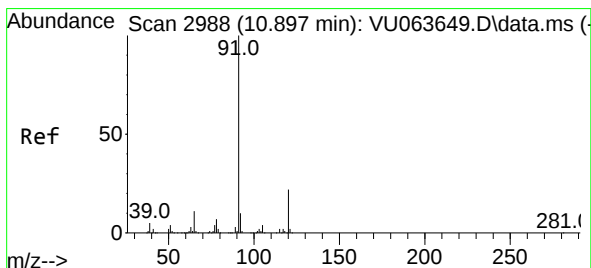
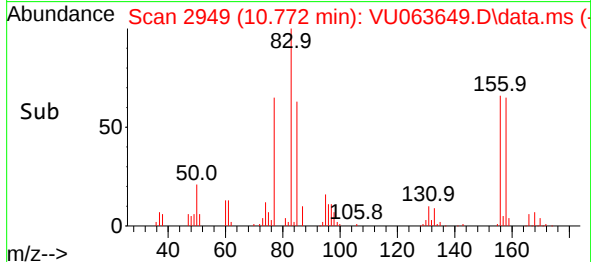
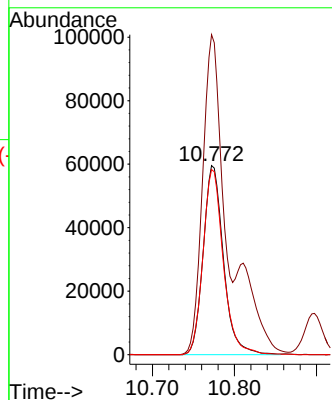
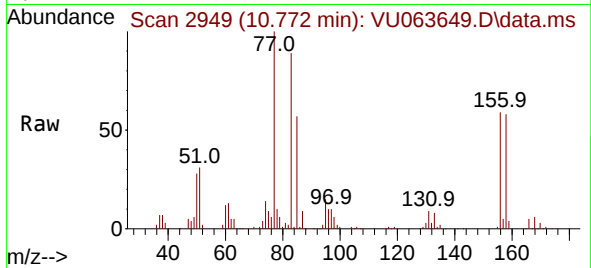




#77
Bromobenzene
Concen: 48.877 ug/l
RT: 10.772 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

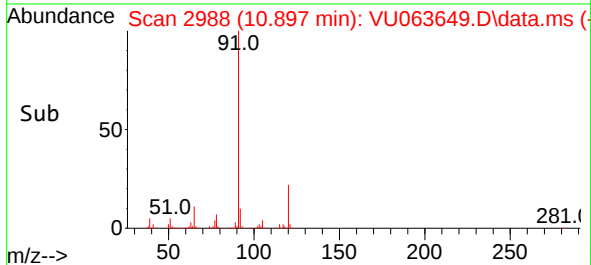
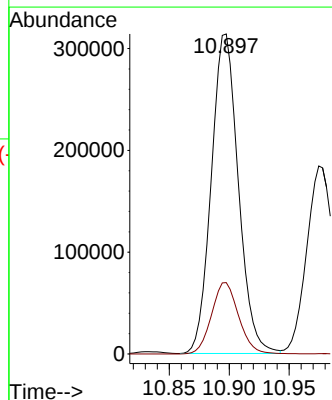
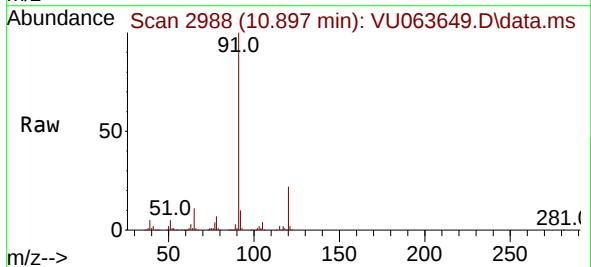
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

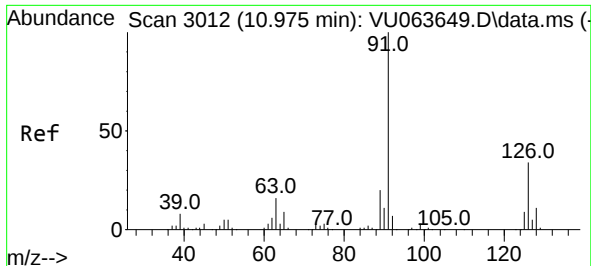
Tgt Ion:156 Resp: 102286
Ion Ratio Lower Upper
156 100
77 163.2 81.6 244.8
158 98.6 49.3 147.9



#78
n-propylbenzene
Concen: 50.732 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion: 91 Resp: 492284
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.6

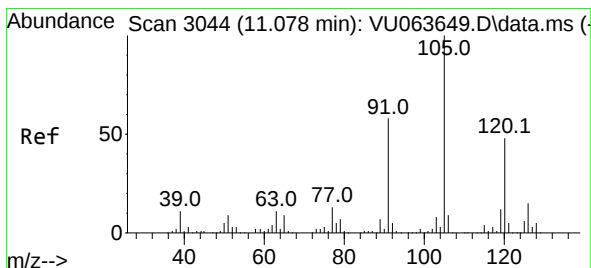
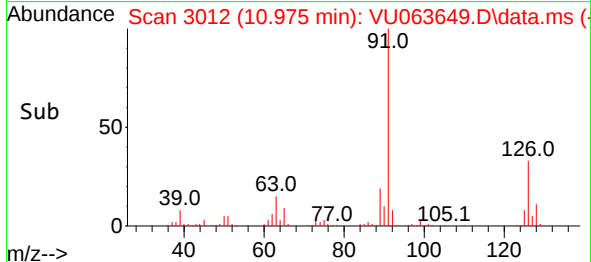
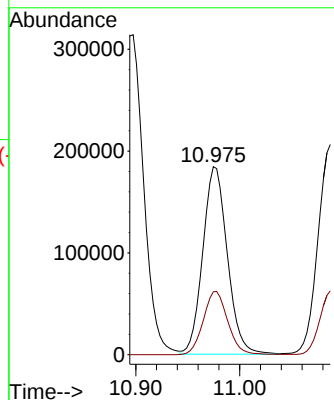
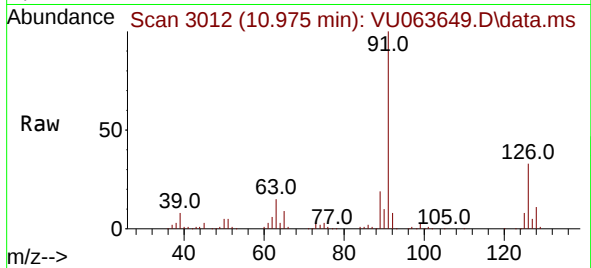




#79
2-Chlorotoluene
Concen: 49.050 ug/l
RT: 10.975 min Scan# 3012
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

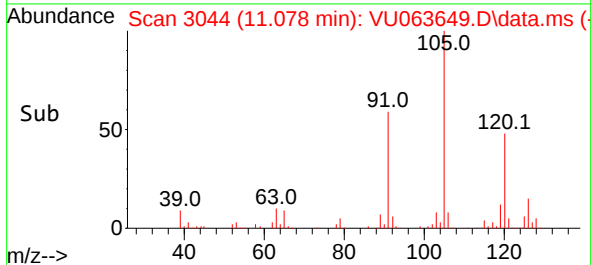
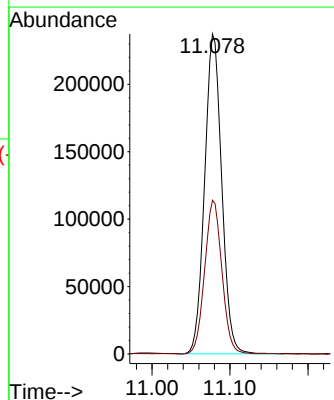
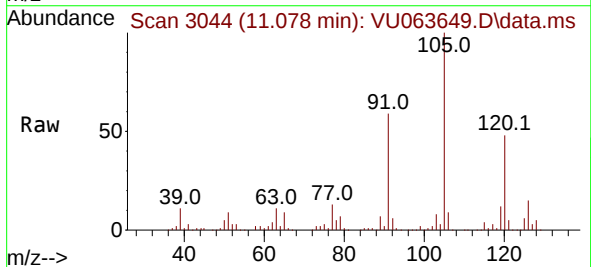
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

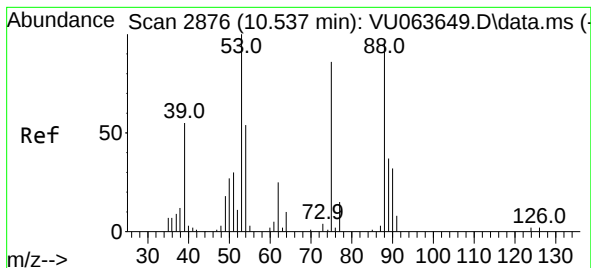
Tgt Ion: 91 Resp: 302949
Ion Ratio Lower Upper
91 100
126 33.6 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 52.013 ug/l
RT: 11.078 min Scan# 3044
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion: 105 Resp: 360827
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9

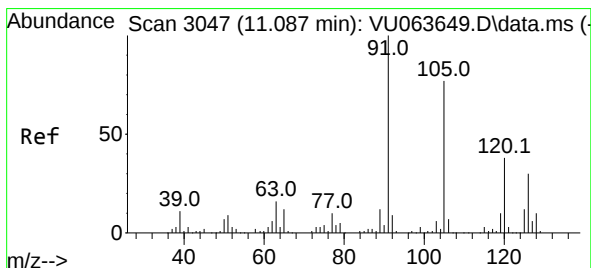
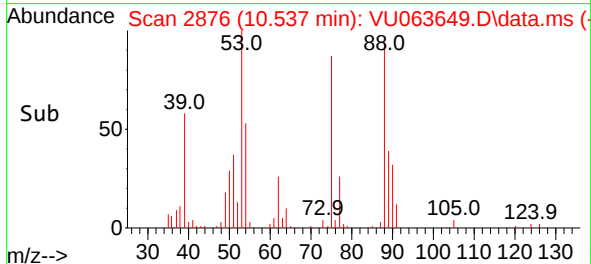
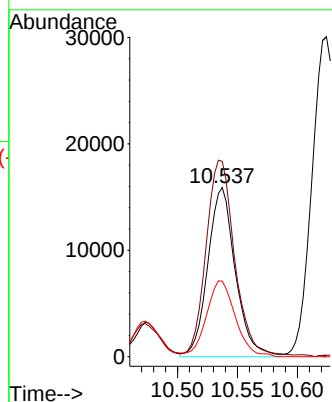
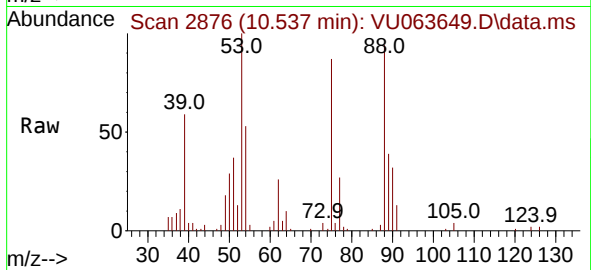




#81
trans-1,4-Dichloro-2-butene
Concen: 51.435 ug/l
RT: 10.537 min Scan# 2876
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

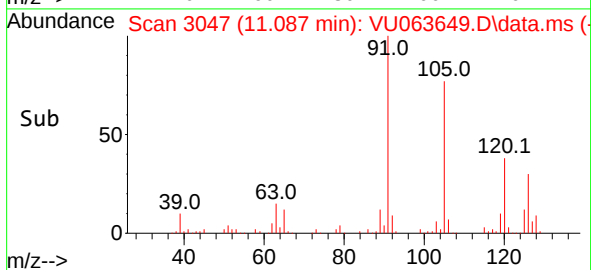
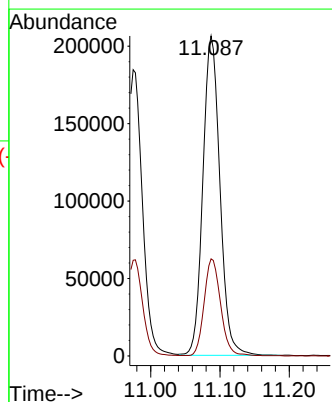
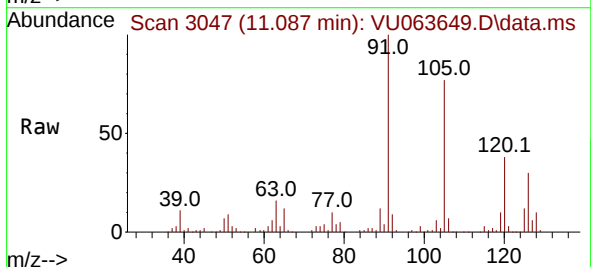
Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

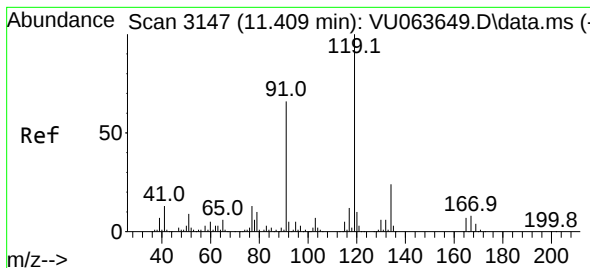
Tgt Ion: 75 Resp: 25421
Ion Ratio Lower Upper
75 100
53 118.3 94.6 142.0
89 46.8 37.4 56.2



#82
4-Chlorotoluene
Concen: 51.878 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion: 91 Resp: 351940
Ion Ratio Lower Upper
91 100
126 29.3 14.6 44.0





#83

tert-Butylbenzene

Concen: 50.618 ug/l

RT: 11.409 min Scan# 3147

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

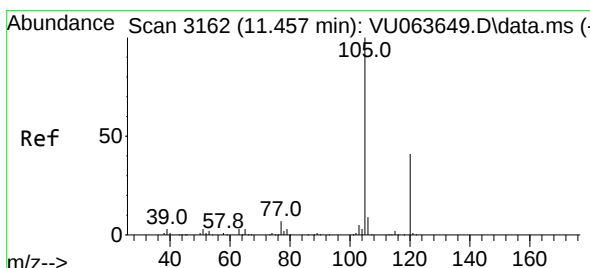
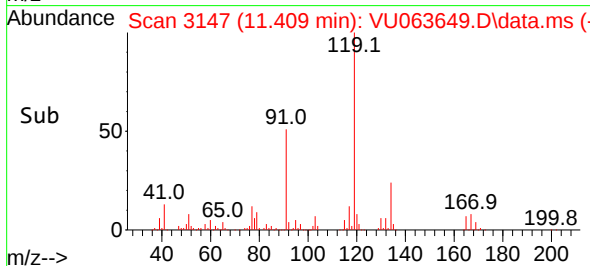
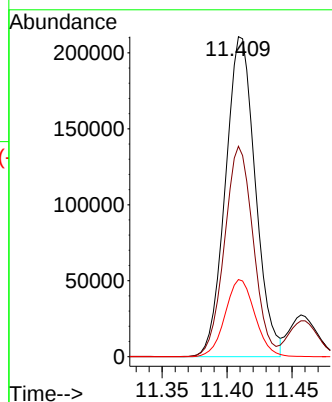
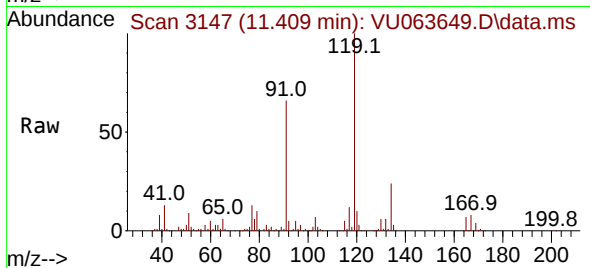
Tgt Ion:119 Resp: 337766

Ion Ratio Lower Upper

119 100

91 63.0 31.5 94.5

134 24.0 12.0 36.0



#84

1,2,4-Trimethylbenzene

Concen: 51.651 ug/l

RT: 11.457 min Scan# 3162

Delta R.T. 0.000 min

Lab File: VU063649.D

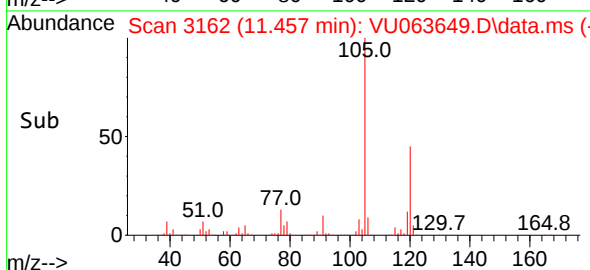
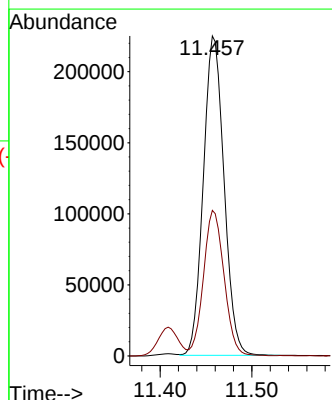
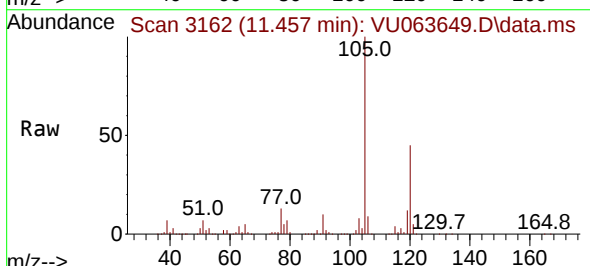
Acq: 25 Sep 2025 18:20

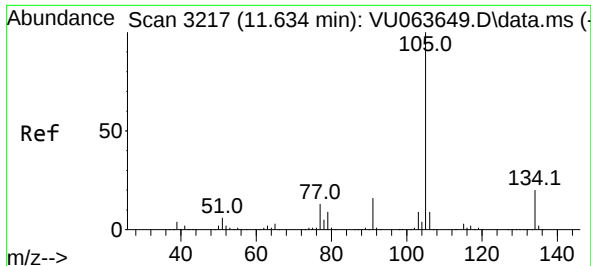
Tgt Ion:105 Resp: 352789

Ion Ratio Lower Upper

105 100

120 45.1 22.6 67.7

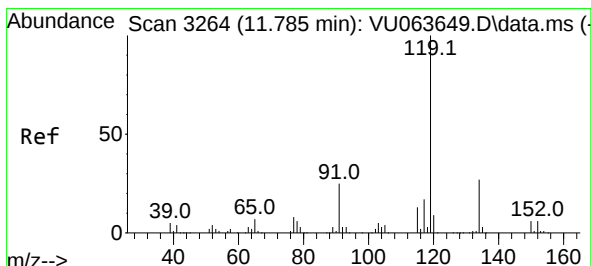
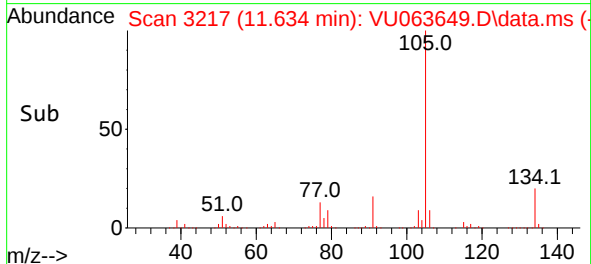
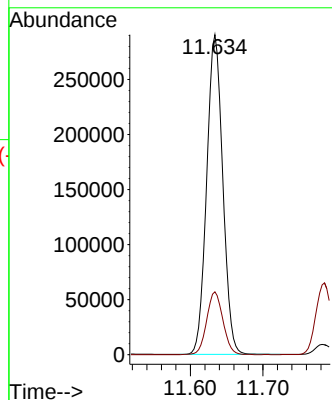
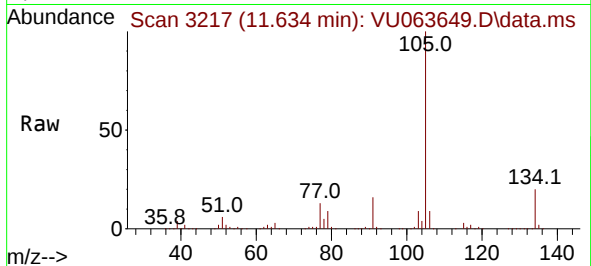




#85
 sec-Butylbenzene
 Concen: 51.337 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. 0.000 min
 Lab File: VU063649.D
 Acq: 25 Sep 2025 18:20

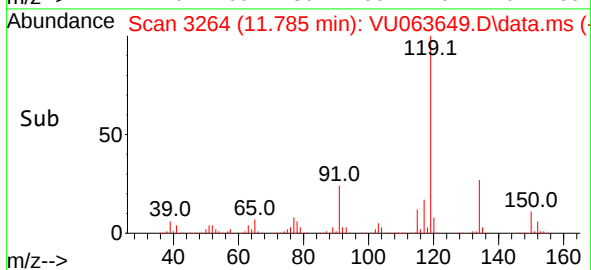
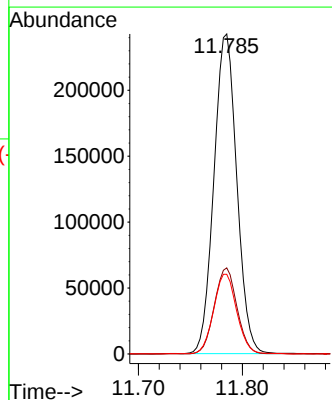
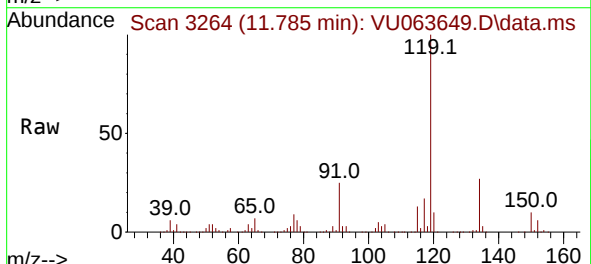
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

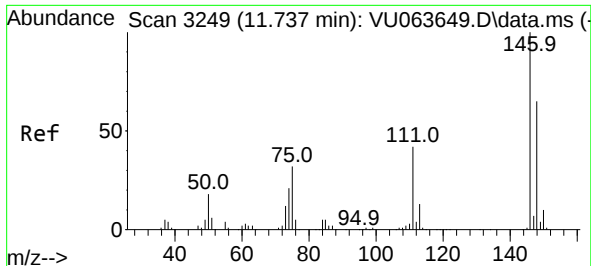
Tgt Ion:105 Resp: 447211
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.0 29.8



#86
 p-Isopropyltoluene
 Concen: 51.776 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. 0.000 min
 Lab File: VU063649.D
 Acq: 25 Sep 2025 18:20

Tgt Ion:119 Resp: 370723
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.1
 91 25.4 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 50.381 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

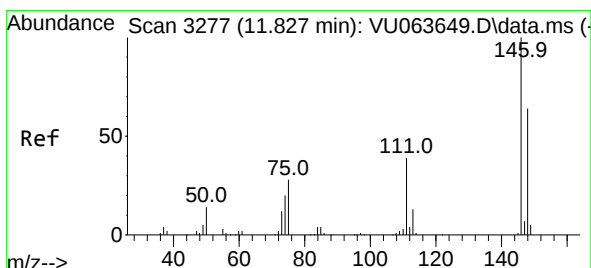
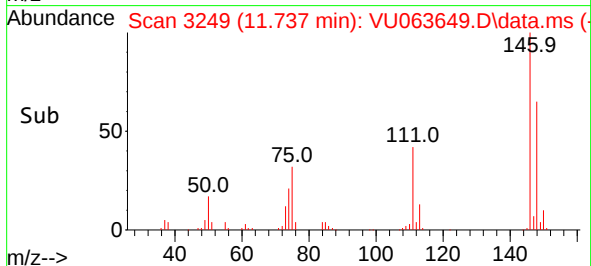
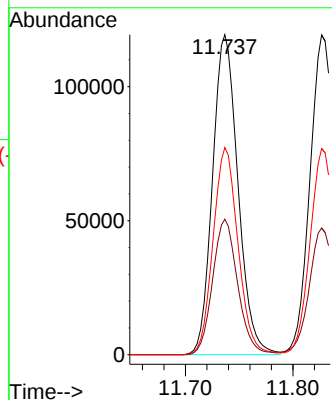
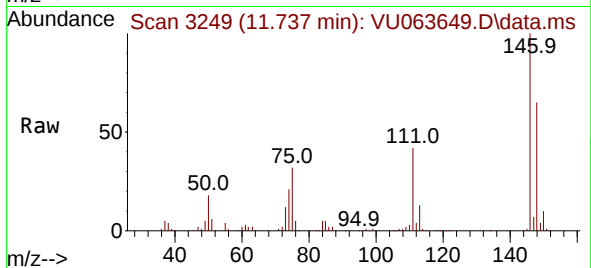
Tgt Ion:146 Resp: 196336

Ion Ratio Lower Upper

146 100

111 41.7 20.8 62.5

148 63.6 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 48.734 ug/l

RT: 11.827 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

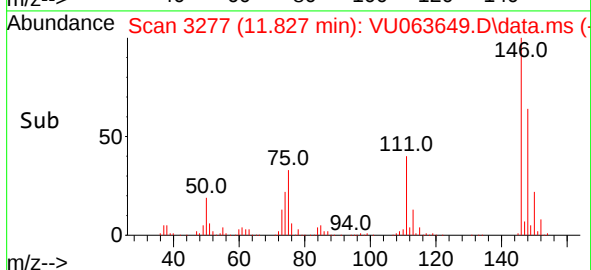
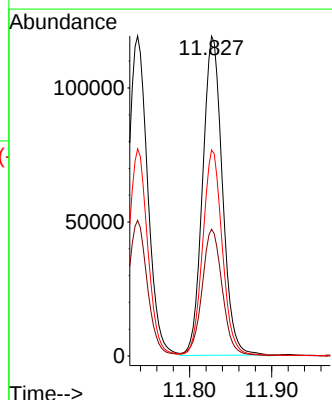
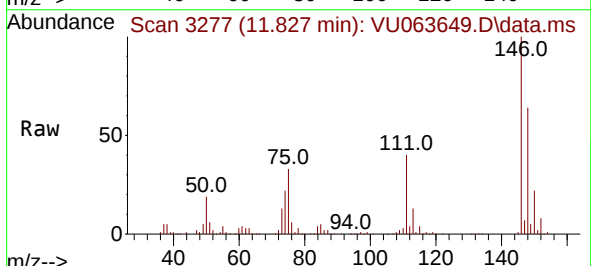
Tgt Ion:146 Resp: 199276

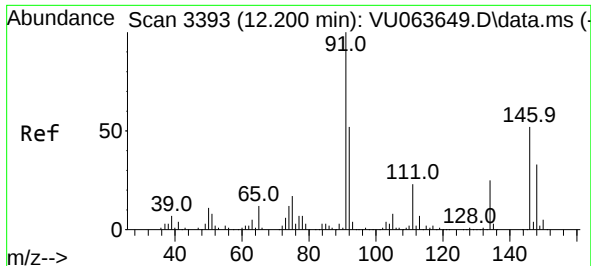
Ion Ratio Lower Upper

146 100

111 40.5 20.3 60.8

148 63.4 31.7 95.1





#89

n-Butylbenzene

Concen: 52.149 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VU063649.D

Acq: 25 Sep 2025 18:20

Instrument :

MSVOA_U

ClientSampleId :

VSTDICCC050

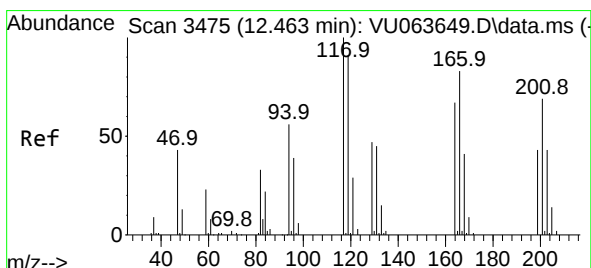
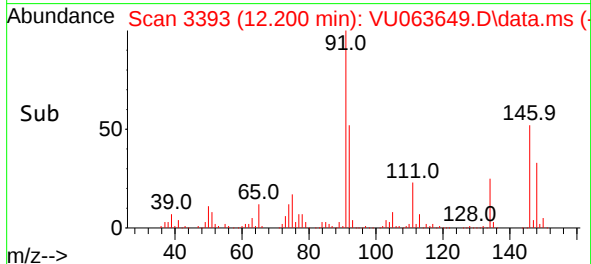
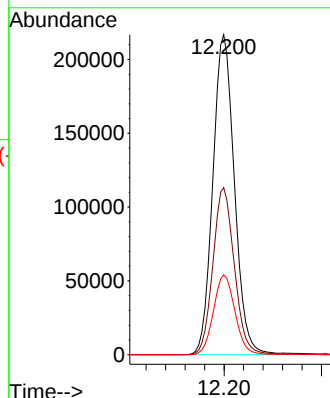
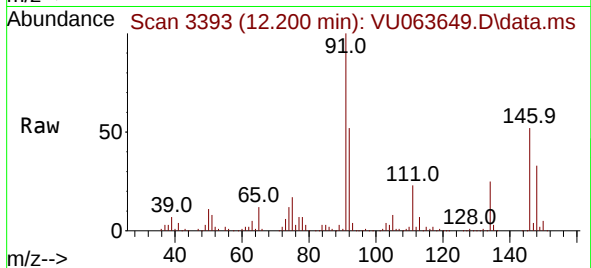
Tgt Ion: 91 Resp: 332791

Ion Ratio Lower Upper

91 100

92 52.0 26.0 78.0

134 24.9 12.4 37.4



#90

Hexachloroethane

Concen: 47.884 ug/l

RT: 12.463 min Scan# 3475

Delta R.T. 0.000 min

Lab File: VU063649.D

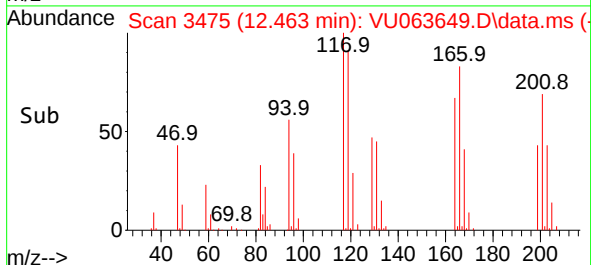
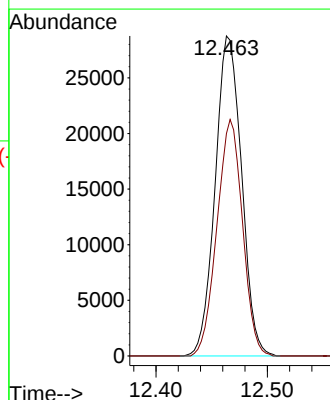
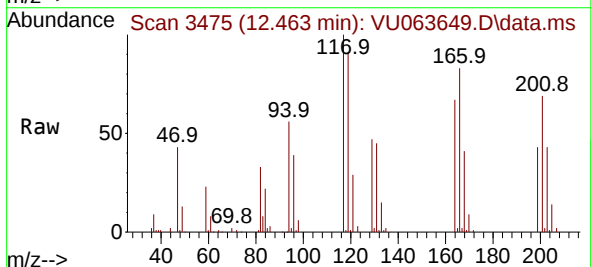
Acq: 25 Sep 2025 18:20

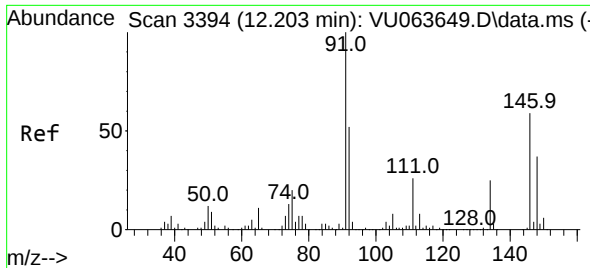
Tgt Ion: 117 Resp: 47407

Ion Ratio Lower Upper

117 100

201 71.5 35.8 107.3

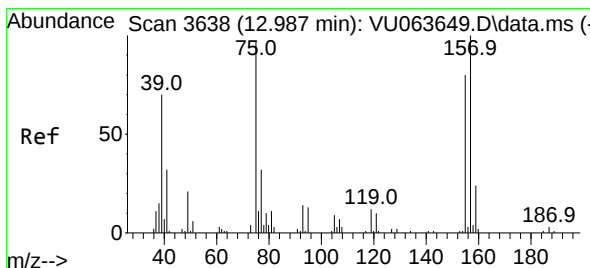
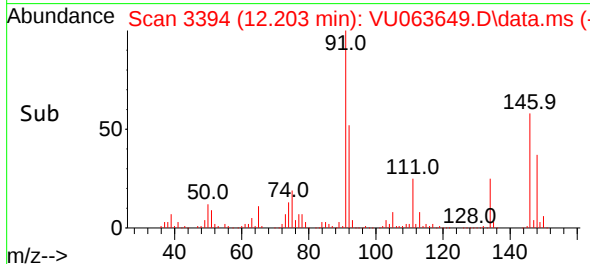
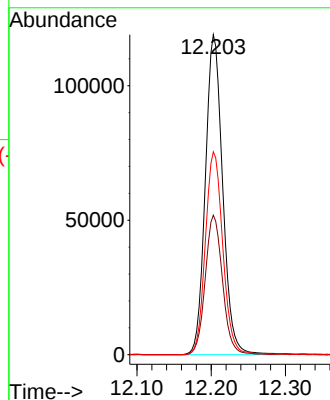
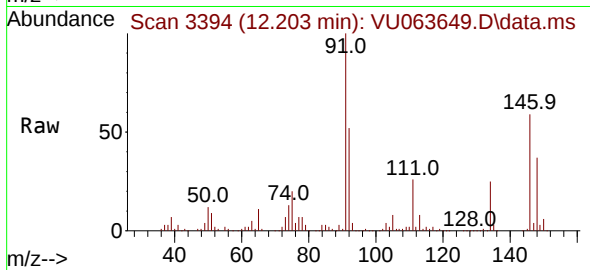




#91
 1,2-Dichlorobenzene
 Concen: 50.601 ug/l
 RT: 12.203 min Scan# 3394
 Delta R.T. 0.000 min
 Lab File: VU063649.D
 Acq: 25 Sep 2025 18:20

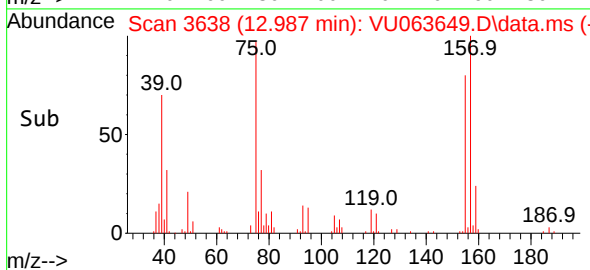
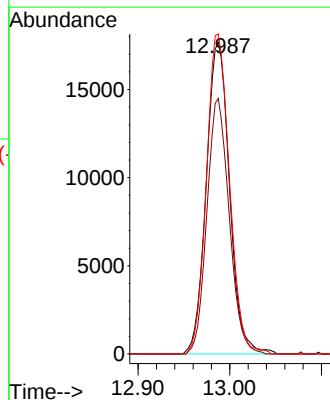
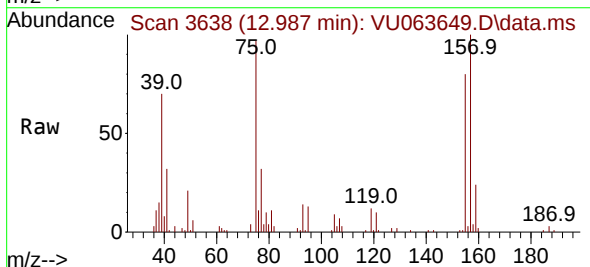
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

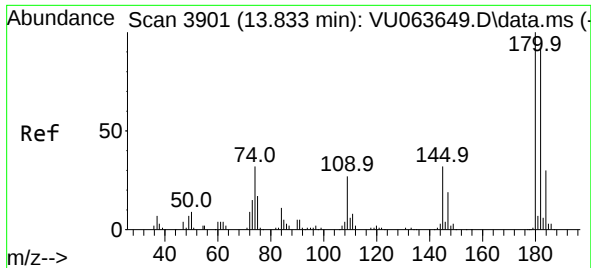
Tgt Ion:146 Resp: 192694
 Ion Ratio Lower Upper
 146 100
 111 43.4 21.7 65.1
 148 64.1 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.455 ug/l
 RT: 12.987 min Scan# 3638
 Delta R.T. 0.000 min
 Lab File: VU063649.D
 Acq: 25 Sep 2025 18:20

Tgt Ion: 75 Resp: 31193
 Ion Ratio Lower Upper
 75 100
 155 78.5 39.3 117.8
 157 101.6 50.8 152.4

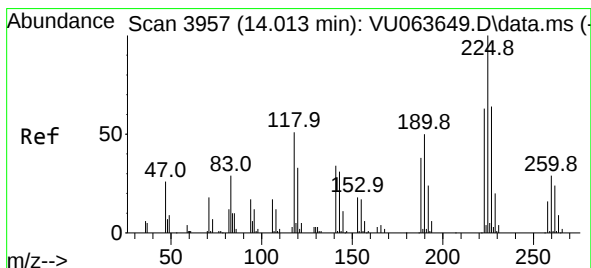
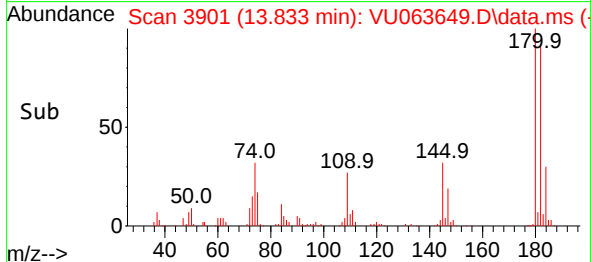
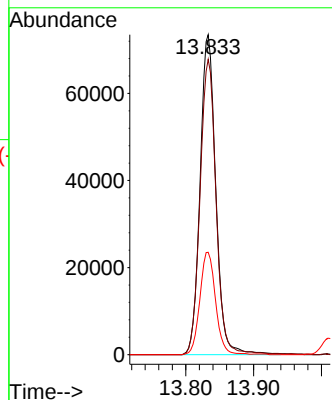
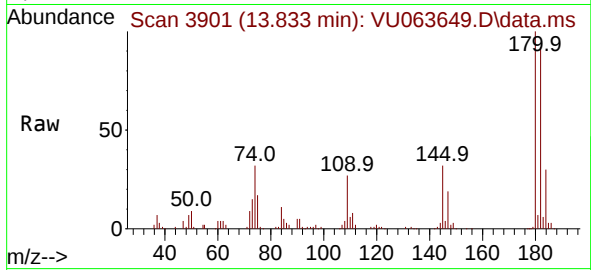




#93
 1,2,4-Trichlorobenzene
 Concen: 54.278 ug/l
 RT: 13.833 min Scan# 3901
 Delta R.T. 0.000 min
 Lab File: VU063649.D
 Acq: 25 Sep 2025 18:20

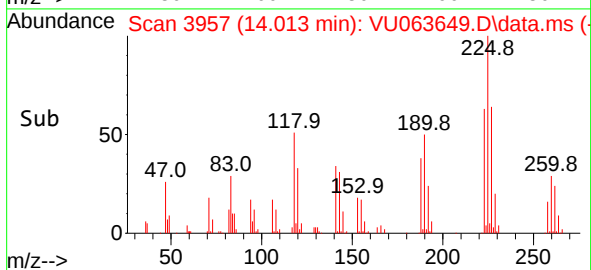
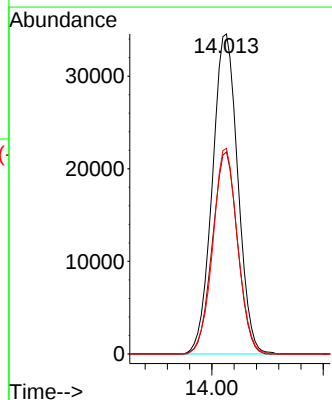
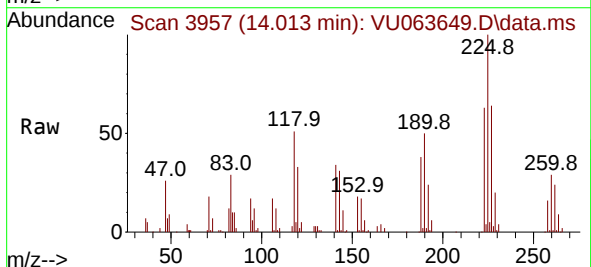
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC050

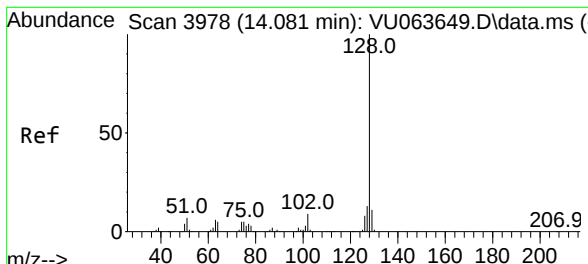
Tgt Ion:180 Resp: 118384
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.0 141.0
 145 32.0 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 49.966 ug/l
 RT: 14.013 min Scan# 3957
 Delta R.T. 0.000 min
 Lab File: VU063649.D
 Acq: 25 Sep 2025 18:20

Tgt Ion:225 Resp: 54885
 Ion Ratio Lower Upper
 225 100
 223 62.2 31.1 93.3
 227 62.4 31.2 93.6

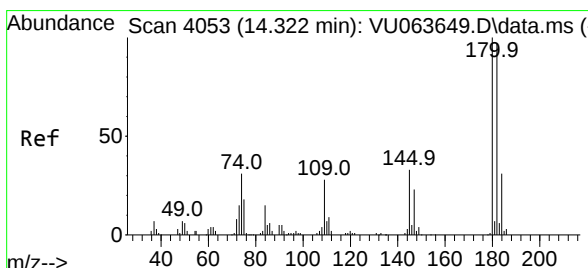
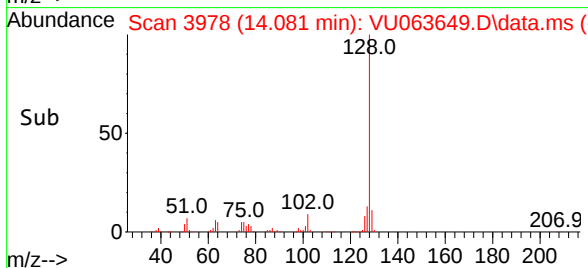
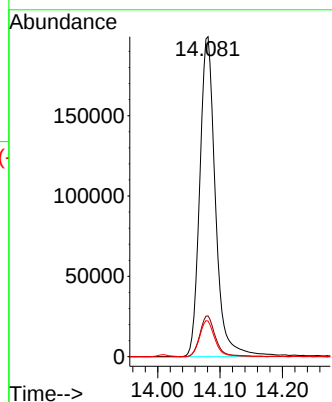
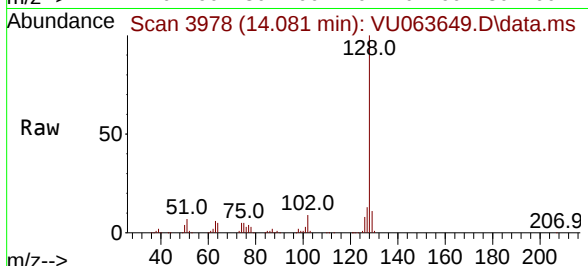




#95
Naphthalene
Concen: 52.130 ug/l
RT: 14.081 min Scan# 3978
Delta R.T. -0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 349091
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.443 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. 0.000 min
Lab File: VU063649.D
Acq: 25 Sep 2025 18:20

Tgt Ion:180 Resp: 114693
Ion Ratio Lower Upper
180 100
182 94.3 47.1 141.4
145 32.7 16.4 49.1

