

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111125\
 Data File : VU063701.D
 Acq On : 11 Nov 2025 12:34
 Operator : MD/SY
 Sample : VU1111WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBS01

Quant Time: Nov 12 02:10:52 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U111025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 11 01:41:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.342	168	206430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	344189	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	317185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	174015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.670	65	148109	48.569	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.140%
35) Dibromofluoromethane	5.258	113	120836	50.125	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.240%
50) Toluene-d8	7.872	98	418426	48.314	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.620%
62) 4-Bromofluorobenzene	10.608	95	178780	49.903	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.374	85	22615	18.140	ug/l	100
3) Chloromethane	1.509	50	24108	19.436	ug/l	98
4) Vinyl Chloride	1.589	62	28323	18.471	ug/l	99
5) Bromomethane	1.837	94	22802	22.156	ug/l	98
6) Chloroethane	1.914	64	22675	19.554	ug/l	92
7) Trichlorofluoromethane	2.120	101	57363	19.552	ug/l	98
8) Diethyl Ether	2.355	74	23344	18.715	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.557	101	36757	19.718	ug/l	99
10) Methyl Iodide	2.699	142	34327	18.611	ug/l	97
11) Tert butyl alcohol	3.152	59	55506	78.015	ug/l	99
12) 1,1-Dichloroethene	2.557	96	31367	19.542	ug/l	99
13) Acrolein	2.464	56	3981	72.538	ug/l	93
14) Allyl chloride	2.898	41	55707	18.609	ug/l	100
15) Acrylonitrile	3.284	53	138936	95.351	ug/l	98
16) Acetone	2.602	43	168934	98.040	ug/l	99
17) Carbon Disulfide	2.769	76	38390	18.700	ug/l	98
18) Methyl Acetate	2.927	43	99895	19.638	ug/l	100
19) Methyl tert-butyl Ether	3.335	73	140706	19.428	ug/l	98
20) Methylene Chloride	3.017	84	41162	20.603	ug/l	98
21) trans-1,2-Dichloroethene	3.326	96	31946	19.385	ug/l	97
22) Diisopropyl ether	3.956	45	127518	19.340	ug/l #	76
23) Vinyl Acetate	3.927	43	398239	88.566	ug/l	99
24) 1,1-Dichloroethane	3.837	63	74825	19.677	ug/l	100
25) 2-Butanone	4.670	43	181842	86.606	ug/l	99
26) 2,2-Dichloropropane	4.631	77	59468	18.208	ug/l	100
27) cis-1,2-Dichloroethene	4.634	96	45580	18.931	ug/l	98
28) Bromochloromethane	4.940	49	37468	24.621	ug/l	100
29) Tetrahydrofuran	5.020	42	114065	93.362	ug/l	97
30) Chloroform	5.056	83	83215	19.974	ug/l	96
31) Cyclohexane	5.355	56	51898	20.356	ug/l #	96
32) 1,1,1-Trichloroethane	5.284	97	66322	19.400	ug/l	99
36) 1,1-Dichloropropene	5.496	75	45981	18.740	ug/l	98
37) Ethyl Acetate	4.779	43	59014	16.986	ug/l #	93
38) Carbon Tetrachloride	5.493	117	47067	17.748	ug/l	96
39) Methylcyclohexane	6.734	83	53373	19.160	ug/l	98
40) Benzene	5.744	78	151630	19.151	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.943	41	32472	17.984	ug/l	98
42) 1,2-Dichloroethane	5.763	62	62315	19.955	ug/l	99
43) Isopropyl Acetate	5.885	43	90667	17.805	ug/l	98
44) Trichloroethene	6.515	130	41145	18.522	ug/l	99
45) 1,2-Dichloropropane	6.763	63	39795	18.489	ug/l	96
46) Dibromomethane	6.888	93	31873	19.721	ug/l	97
47) Bromodichloromethane	7.078	83	61030	18.626	ug/l	99
48) Methyl methacrylate	6.936	41	46569	18.630	ug/l	95
49) 1,4-Dioxane	6.940	88	22410	338.401	ug/l	97
51) 4-Methyl-2-Pentanone	7.763	43	356350	91.446	ug/l	99
52) Toluene	7.943	92	100172	19.494	ug/l	98
53) t-1,3-Dichloropropene	8.187	75	48345	17.521	ug/l	99
54) cis-1,3-Dichloropropene	7.580	75	54220	17.533	ug/l	98
55) 1,1,2-Trichloroethane	8.374	97	46837	19.863	ug/l	98
56) Ethyl methacrylate	8.309	69	66589	19.138	ug/l	98
57) 1,3-Dichloropropane	8.547	76	74108	19.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.451	63	1625	38.841	ug/l #	77
59) 2-Hexanone	8.660	43	264920	91.276	ug/l	98
60) Dibromochloromethane	8.782	129	45437	18.397	ug/l	99
61) 1,2-Dibromoethane	8.898	107	43595	19.186	ug/l	100
64) Tetrachloroethene	8.525	164	39325	19.217	ug/l	97
65) Chlorobenzene	9.422	112	123982	20.004	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.506	131	40134	19.039	ug/l	99
67) Ethyl Benzene	9.544	91	206614	20.015	ug/l	99
68) m/p-Xylenes	9.669	106	151962	39.881	ug/l	98
69) o-Xylene	10.075	106	78277	19.908	ug/l	99
70) Styrene	10.091	104	126878	20.089	ug/l	99
71) Bromoform	10.264	173	30828	18.161	ug/l #	98
73) Isopropylbenzene	10.457	105	209796	19.190	ug/l	99
74) N-amyl acetate	10.303	43	63563	16.687	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.756	83	76910	18.319	ug/l	99
76) 1,2,3-Trichloropropane	10.795	75	79077	18.033	ug/l #	100
77) Bromobenzene	10.759	156	52663	19.146	ug/l	99
78) n-propylbenzene	10.882	91	241457	19.253	ug/l	100
79) 2-Chlorotoluene	10.959	91	154776	19.093	ug/l	99
80) 1,3,5-Trimethylbenzene	11.062	105	176411	19.244	ug/l	100
81) trans-1,4-Dichloro-2-b...	10.522	75	12991	15.782	ug/l #	79
82) 4-Chlorotoluene	11.071	91	174234	18.914	ug/l	98
83) tert-Butylbenzene	11.393	119	184159	19.286	ug/l	99
84) 1,2,4-Trimethylbenzene	11.441	105	167736	18.646	ug/l	100
85) sec-Butylbenzene	11.618	105	230505	19.110	ug/l	99
86) p-Isopropyltoluene	11.769	119	181978	18.794	ug/l	98
87) 1,3-Dichlorobenzene	11.721	146	100449	19.437	ug/l	98
88) 1,4-Dichlorobenzene	11.811	146	103117	19.072	ug/l	98
89) n-Butylbenzene	12.184	91	157771	17.741	ug/l	100
90) Hexachloroethane	12.448	117	25110	16.998	ug/l	98
91) 1,2-Dichlorobenzene	12.187	146	99353	19.256	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.968	75	14665	17.047	ug/l	97
93) 1,2,4-Trichlorobenzene	13.814	180	56013	17.028	ug/l	99
94) Hexachlorobutadiene	13.991	225	30315	18.290	ug/l	99
95) Naphthalene	14.062	128	144172	16.179	ug/l	99
96) 1,2,3-Trichlorobenzene	14.303	180	52025	17.011	ug/l	97

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ClientSampleId :
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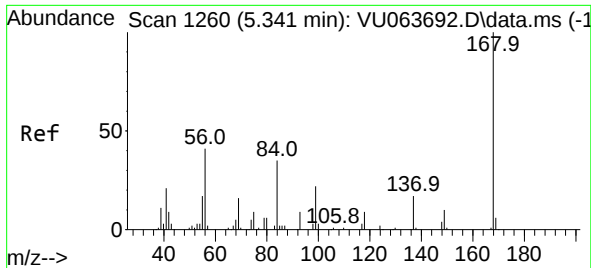
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QLast Update : Tue Nov 11 01:41:19 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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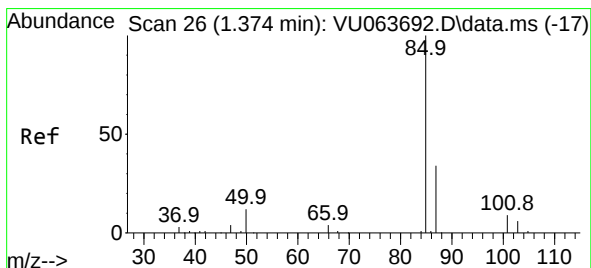
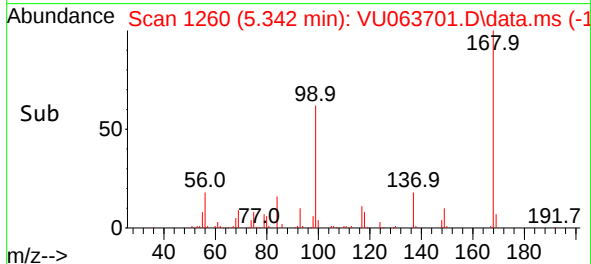
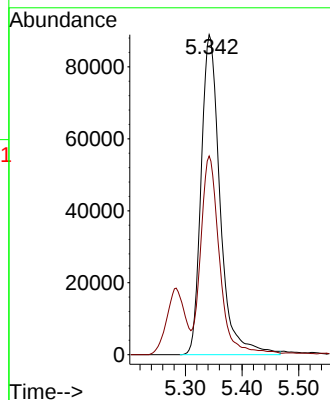
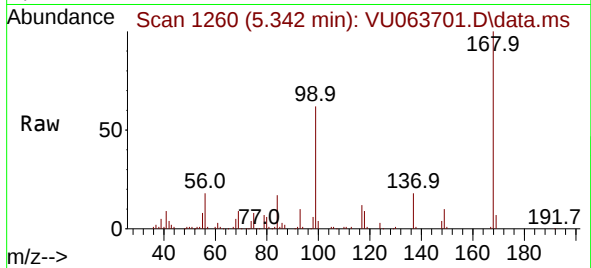




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.342 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU063701.D
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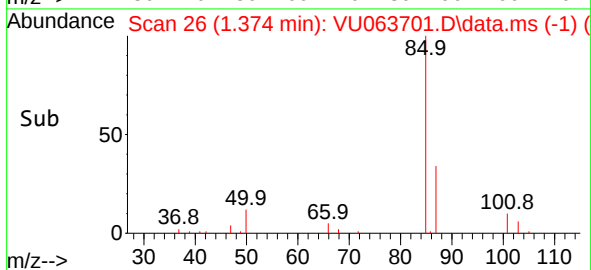
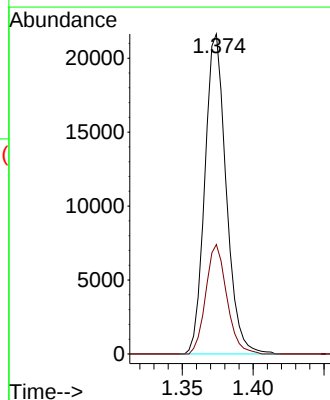
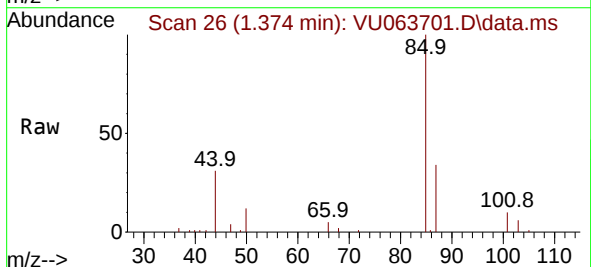
Instrument :
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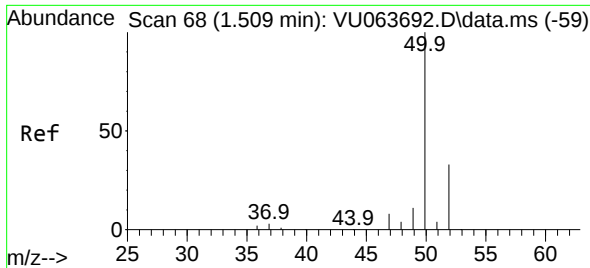
Tgt Ion:168 Resp: 206430
Ion Ratio Lower Upper
168 100
99 61.6 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 18.140 ug/l
RT: 1.374 min Scan# 26
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 85 Resp: 22615
Ion Ratio Lower Upper
85 100
87 34.2 17.0 51.0

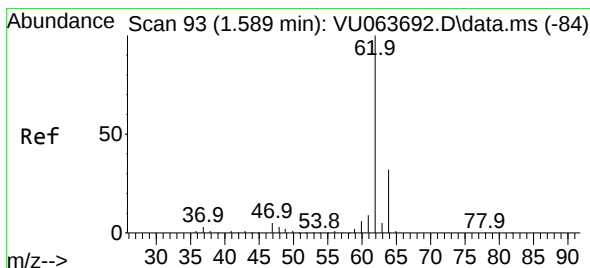
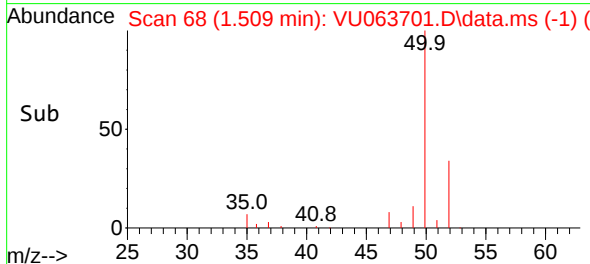
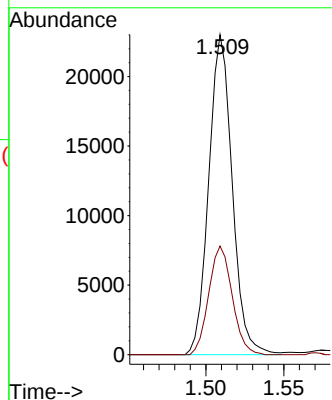
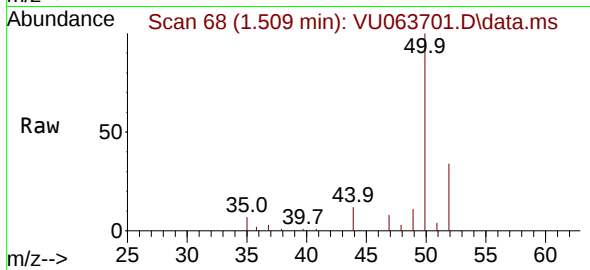




#3
Chloromethane
Concen: 19.436 ug/l
RT: 1.509 min Scan# 68
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

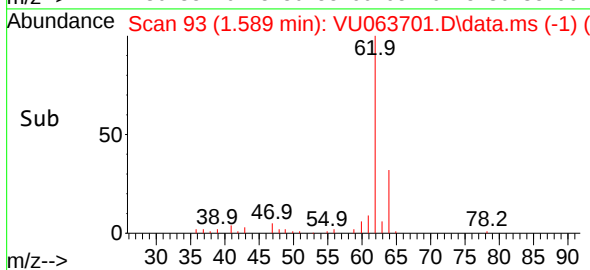
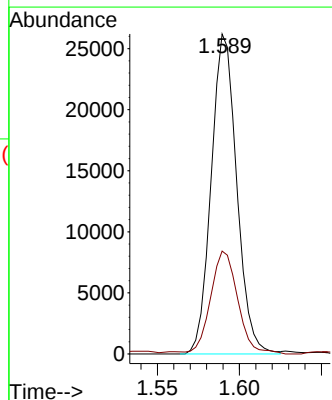
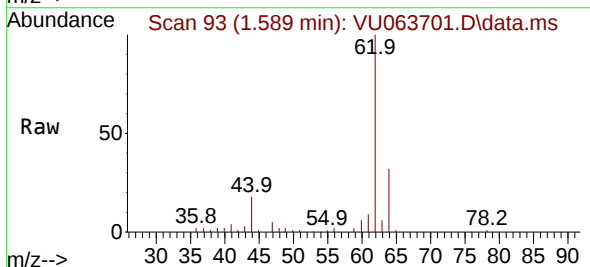
Instrument :
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ClientSampleId :
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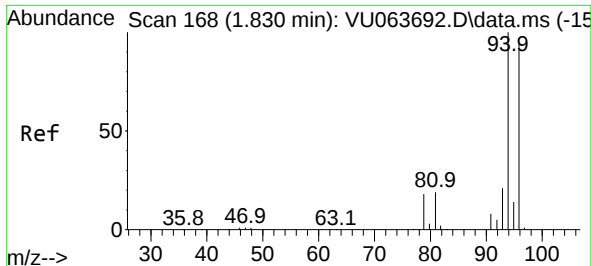
Tgt Ion: 50 Resp: 24108
Ion Ratio Lower Upper
50 100
52 34.0 26.3 39.5



#4
Vinyl Chloride
Concen: 18.471 ug/l
RT: 1.589 min Scan# 93
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 62 Resp: 28323
Ion Ratio Lower Upper
62 100
64 31.7 25.9 38.9

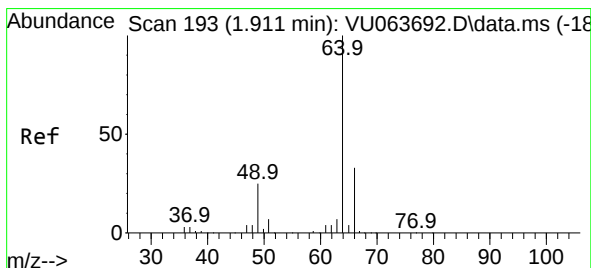
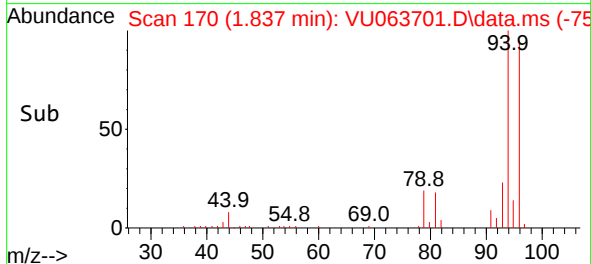
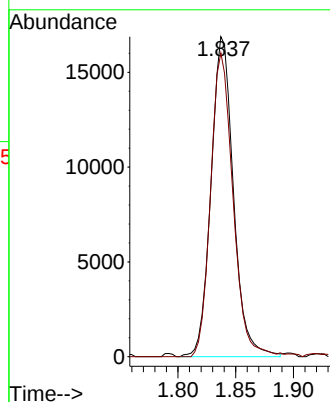
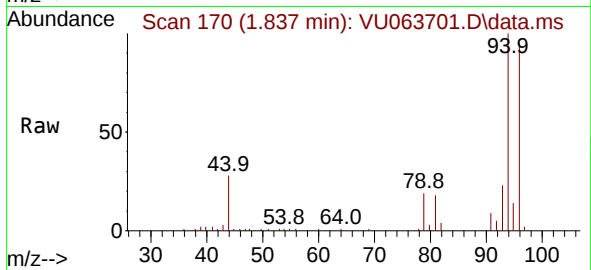




#5
Bromomethane
Concen: 22.156 ug/l
RT: 1.837 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

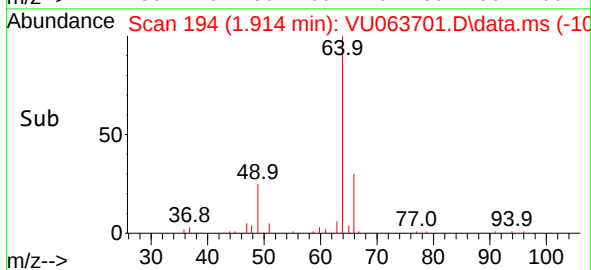
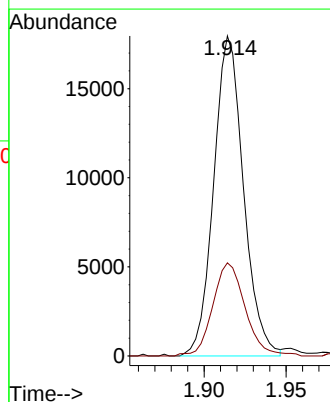
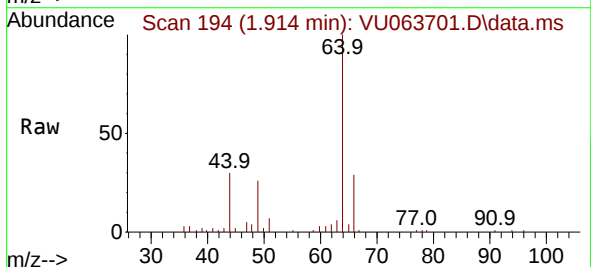
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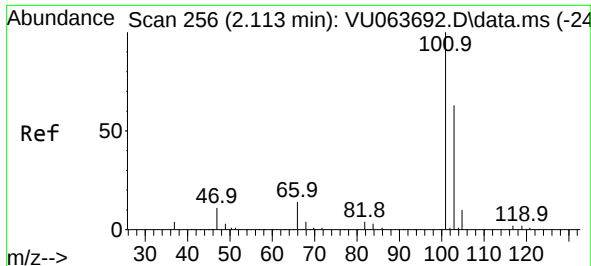
Tgt Ion: 94 Resp: 22802
Ion Ratio Lower Upper
94 100
96 94.9 74.8 112.2



#6
Chloroethane
Concen: 19.554 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 64 Resp: 22675
Ion Ratio Lower Upper
64 100
66 28.4 26.4 39.6

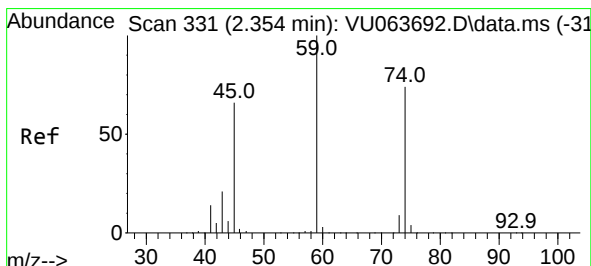
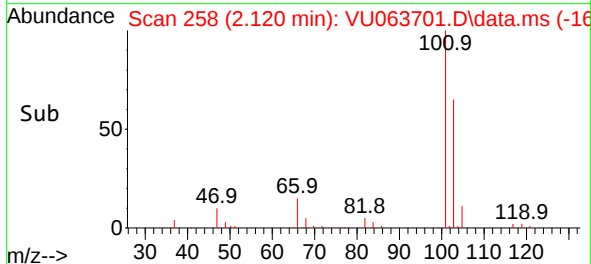
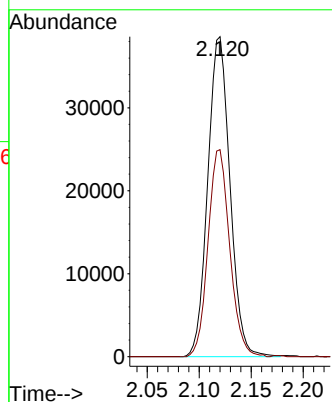
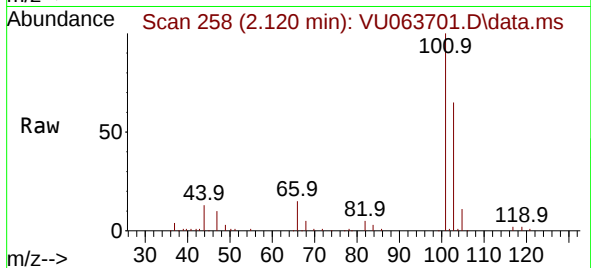




#7
Trichlorofluoromethane
Concen: 19.552 ug/l
RT: 2.120 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

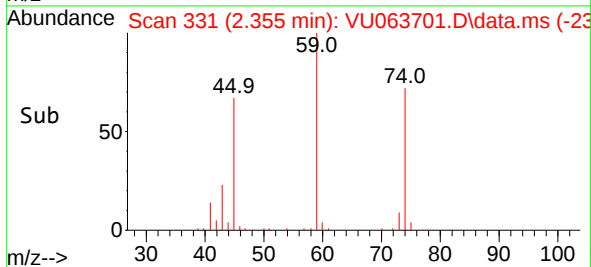
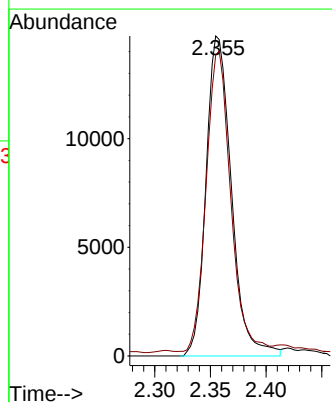
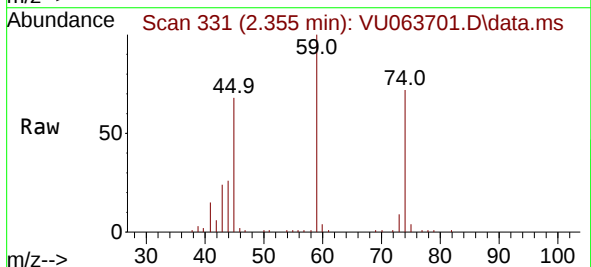
Instrument :
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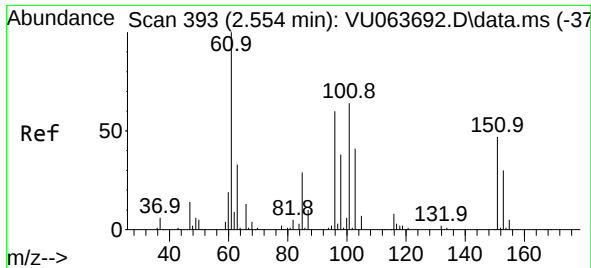
Tgt Ion:101 Resp: 57363
Ion Ratio Lower Upper
101 100
103 64.7 50.3 75.5



#8
Diethyl Ether
Concen: 18.715 ug/l
RT: 2.355 min Scan# 331
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 74 Resp: 23344
Ion Ratio Lower Upper
74 100
45 90.2 44.1 132.4

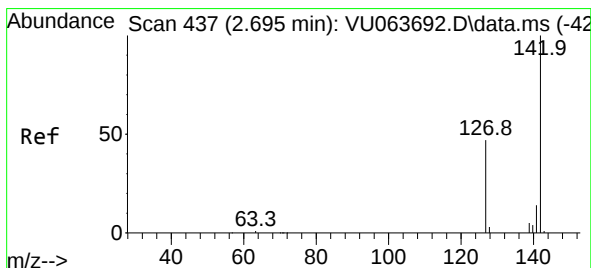
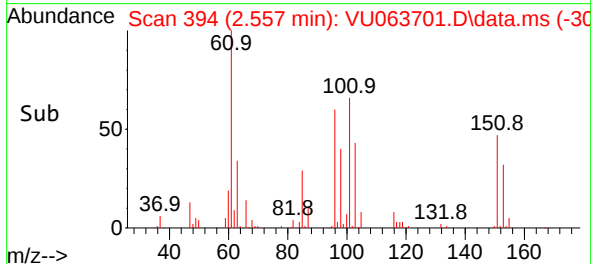
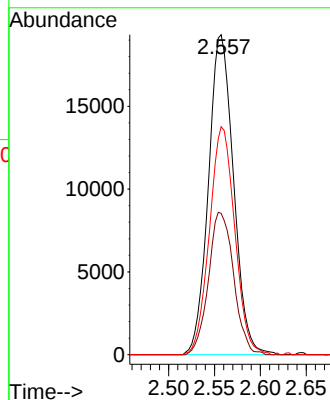
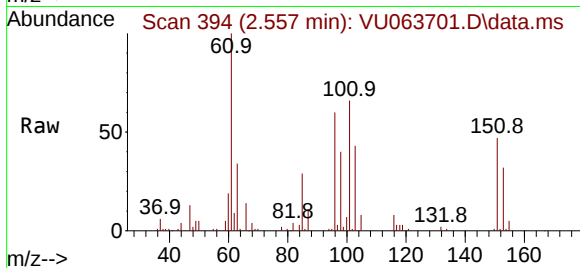




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.718 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

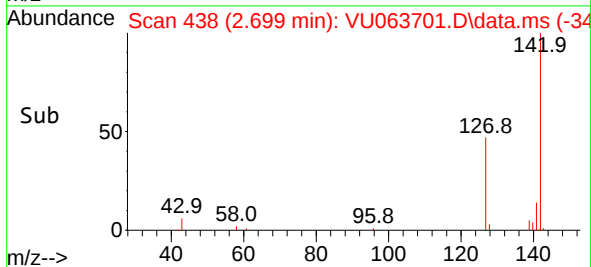
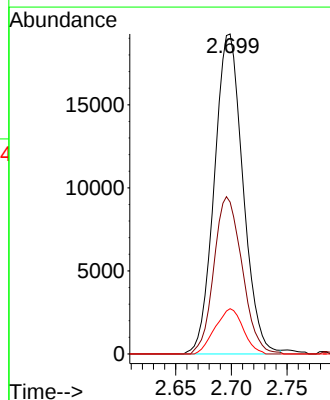
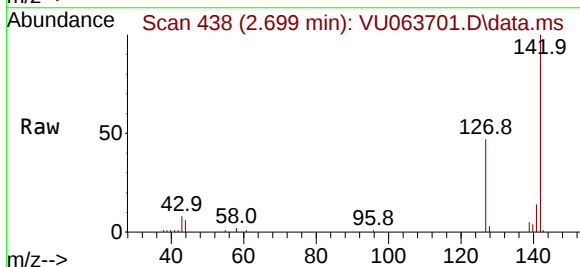
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

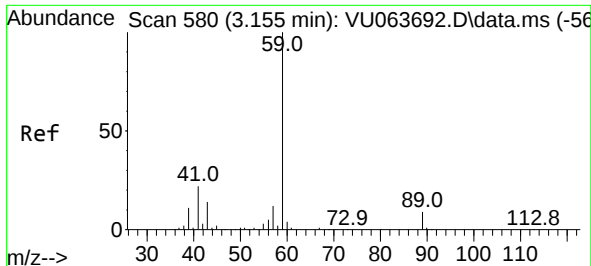
Tgt Ion:101 Resp: 36757
Ion Ratio Lower Upper
101 100
85 44.6 36.2 54.4
151 72.0 58.5 87.7



#10
Methyl Iodide
Concen: 18.611 ug/l
RT: 2.699 min Scan# 438
Delta R.T. 0.004 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion:142 Resp: 34327
Ion Ratio Lower Upper
142 100
127 48.6 37.2 55.8
141 13.9 11.4 17.0

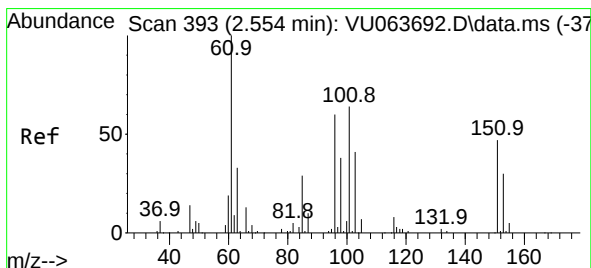
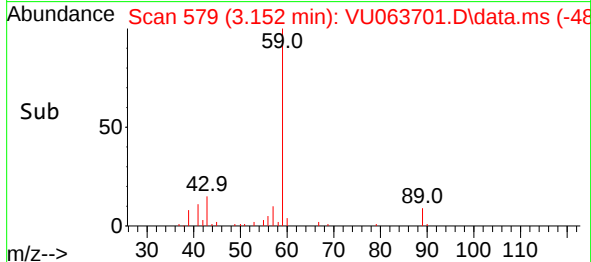
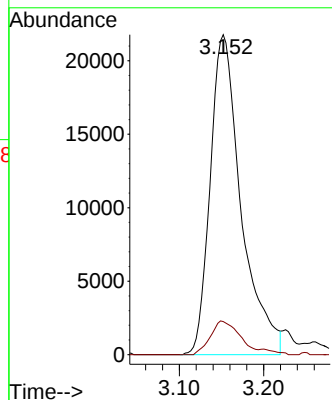
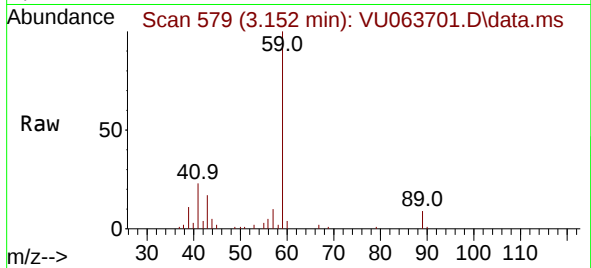




#11
Tert butyl alcohol
Concen: 78.015 ug/l
RT: 3.152 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

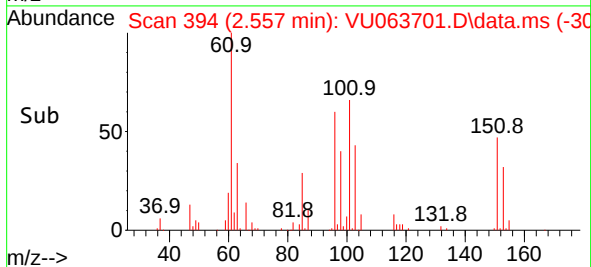
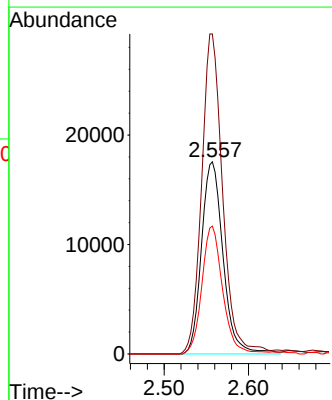
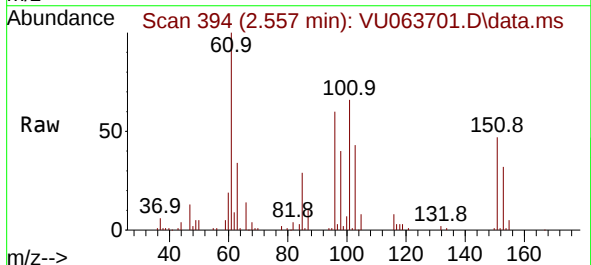
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

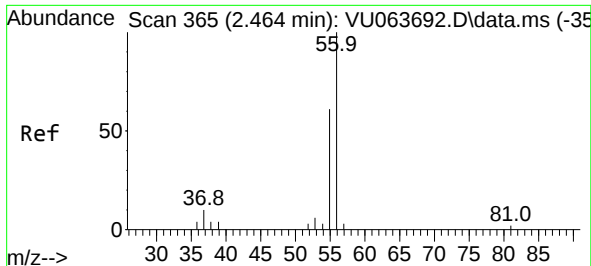
Tgt Ion: 59 Resp: 55506
Ion Ratio Lower Upper
59 100
57 9.9 8.2 12.2



#12
1,1-Dichloroethene
Concen: 19.542 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 96 Resp: 31367
Ion Ratio Lower Upper
96 100
61 166.5 133.1 199.7
98 66.5 50.7 76.1

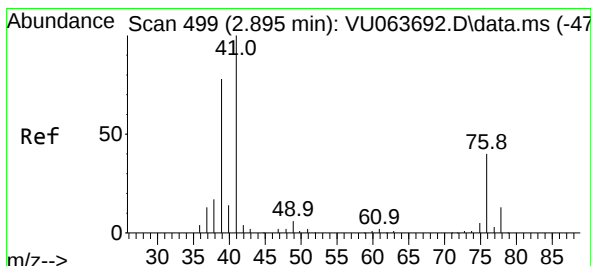
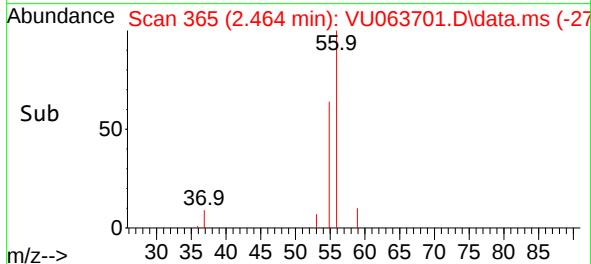
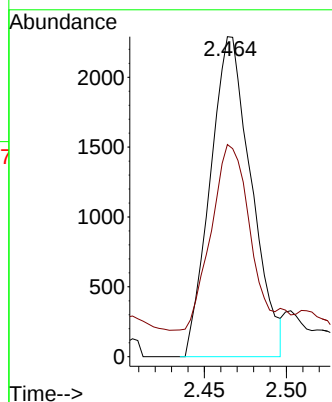
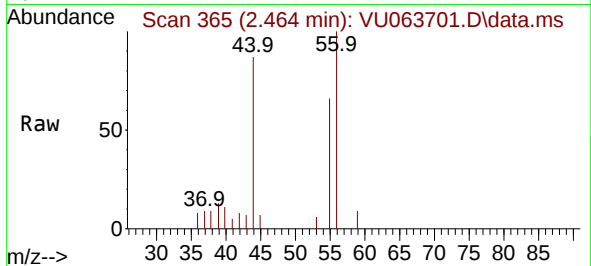




#13
Acrolein
Concen: 72.538 ug/l
RT: 2.464 min Scan# 30
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

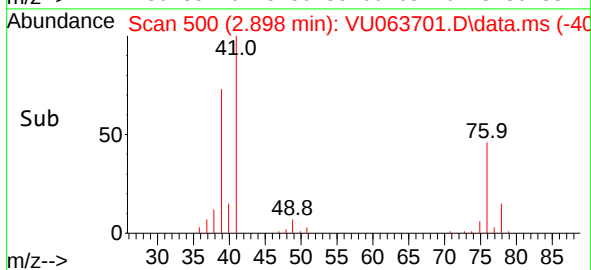
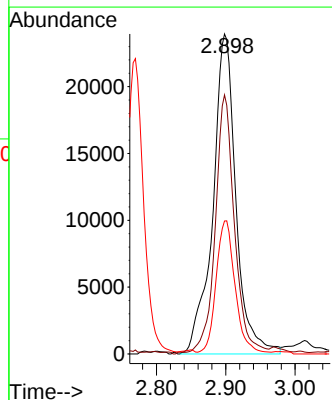
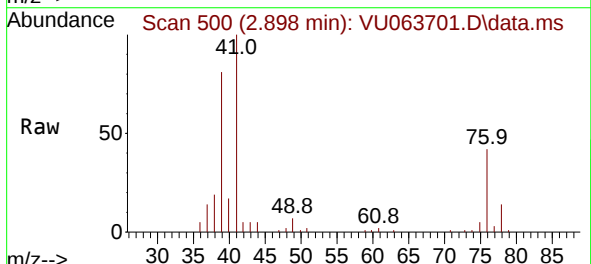
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

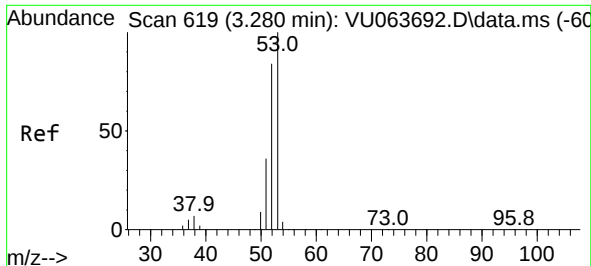
Tgt Ion: 56 Resp: 3981
Ion Ratio Lower Upper
56 100
55 53.9 47.1 70.7



#14
Allyl chloride
Concen: 18.609 ug/l
RT: 2.898 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 41 Resp: 55707
Ion Ratio Lower Upper
41 100
39 66.0 53.1 79.7
76 32.9 26.4 39.6

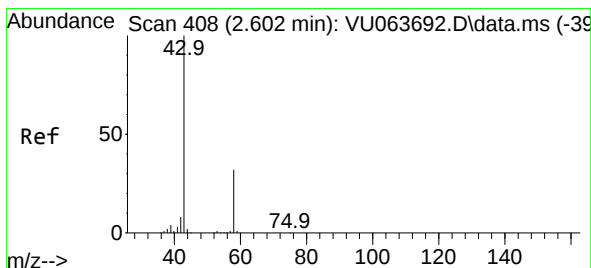
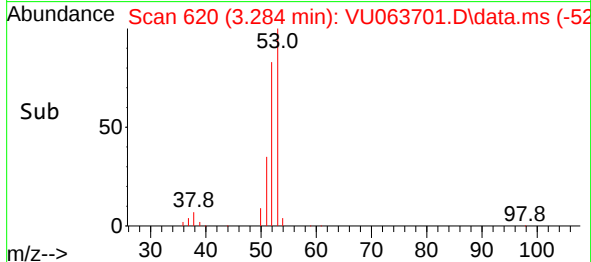
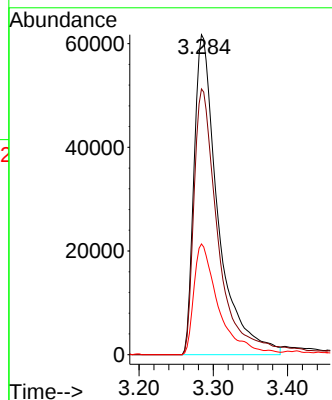
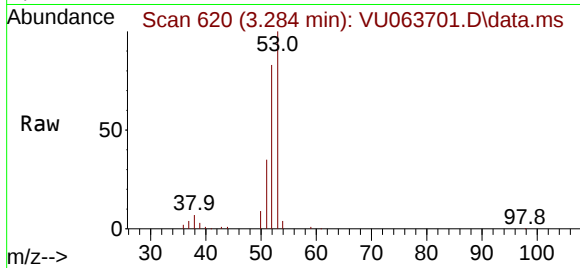




#15
 Acrylonitrile
 Concen: 95.351 ug/l
 RT: 3.284 min Scan# 619
 Delta R.T. 0.003 min
 Lab File: VU063701.D
 Acq: 11 Nov 2025 12:34

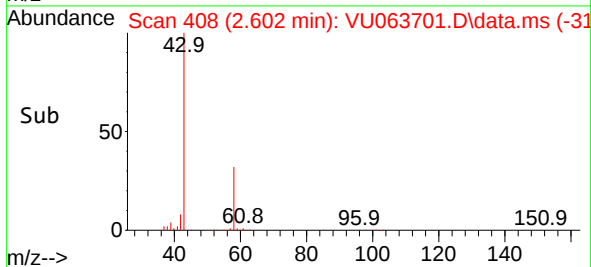
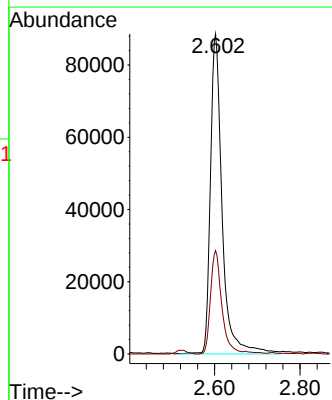
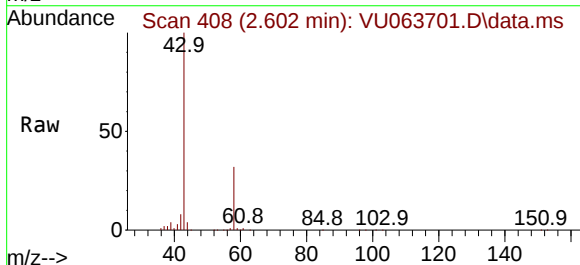
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBS01

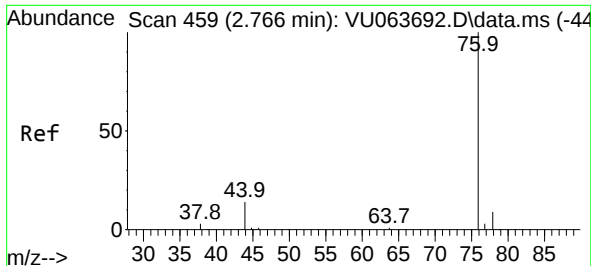
Tgt Ion: 53 Resp: 138936
 Ion Ratio Lower Upper
 53 100
 52 85.7 67.5 101.3
 51 35.0 29.0 43.6



#16
 Acetone
 Concen: 98.040 ug/l
 RT: 2.602 min Scan# 408
 Delta R.T. 0.000 min
 Lab File: VU063701.D
 Acq: 11 Nov 2025 12:34

Tgt Ion: 43 Resp: 168934
 Ion Ratio Lower Upper
 43 100
 58 32.1 25.4 38.2

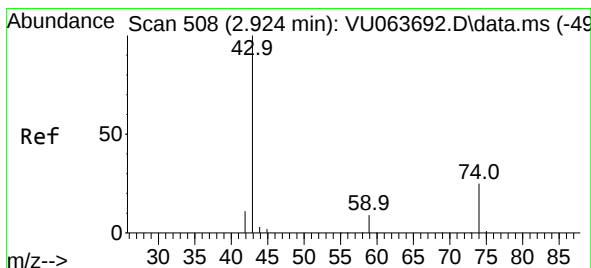
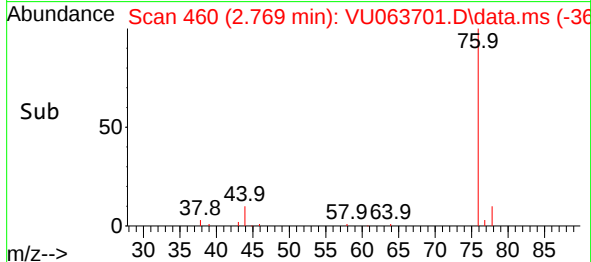
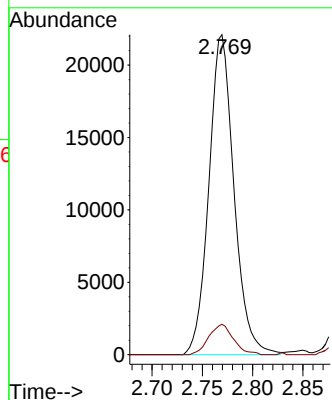
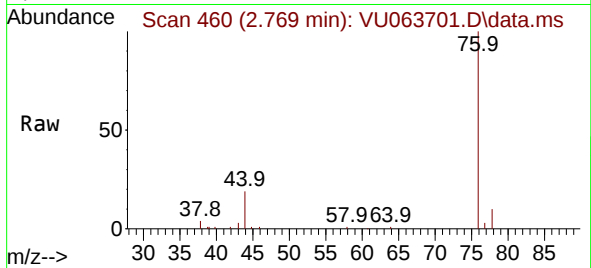




#17
Carbon Disulfide
Concen: 18.700 ug/l
RT: 2.769 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

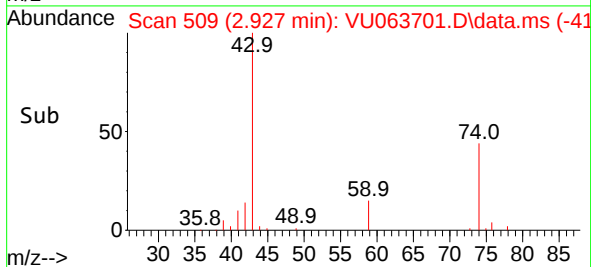
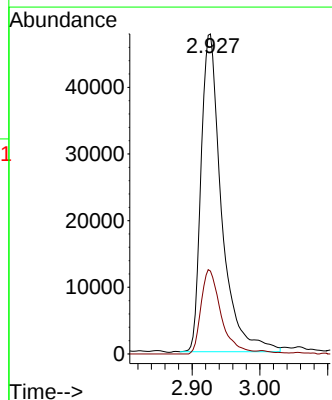
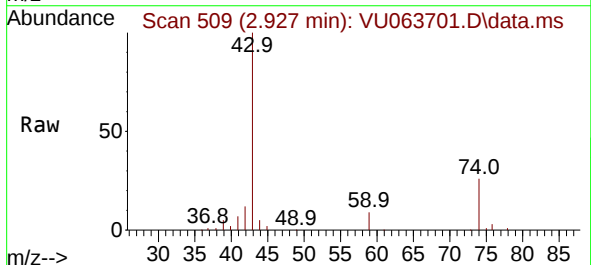
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

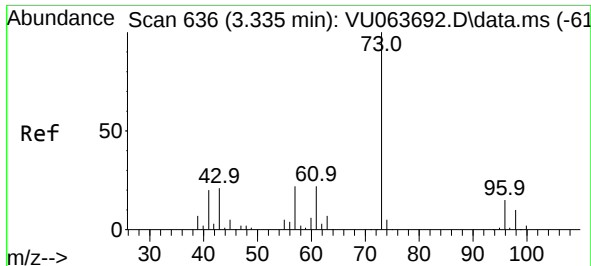
Tgt Ion: 76 Resp: 38390
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.6



#18
Methyl Acetate
Concen: 19.638 ug/l
RT: 2.927 min Scan# 509
Delta R.T. 0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 43 Resp: 99895
Ion Ratio Lower Upper
43 100
74 25.8 20.6 31.0





#19

Methyl tert-butyl Ether

Concen: 19.428 ug/l

RT: 3.335 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

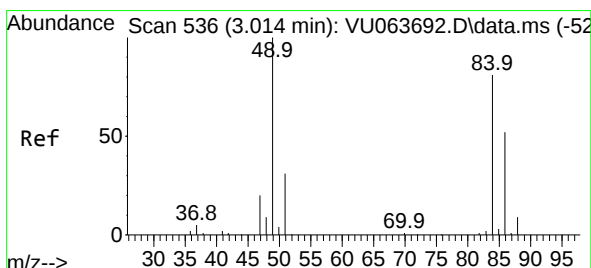
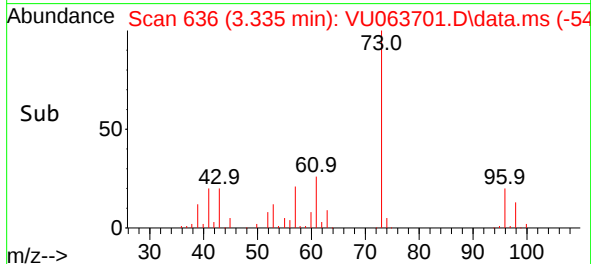
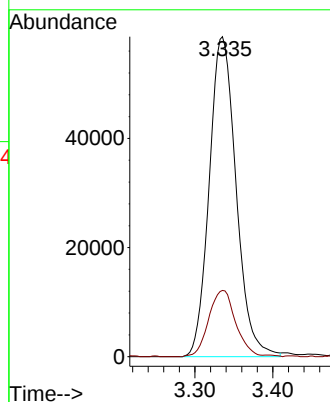
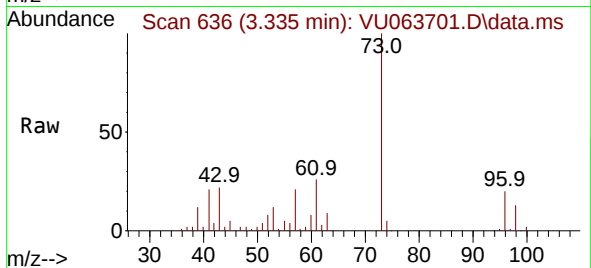
VU1111WBS01

Tgt Ion: 73 Resp: 140706

Ion Ratio Lower Upper

73 100

57 20.7 17.4 26.2



#20

Methylene Chloride

Concen: 20.603 ug/l

RT: 3.017 min Scan# 537

Delta R.T. 0.003 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

Tgt Ion: 84 Resp: 41162

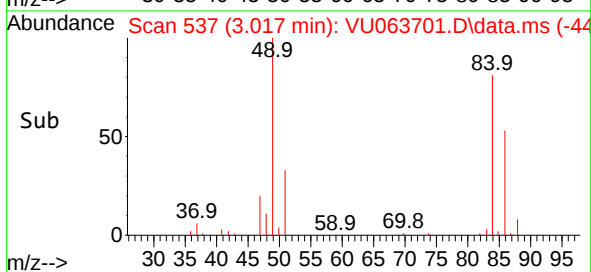
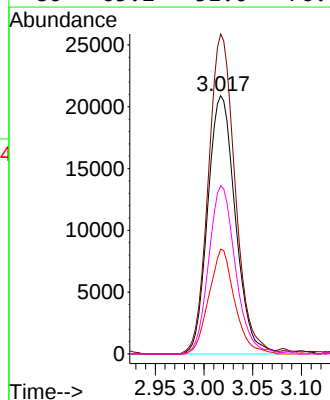
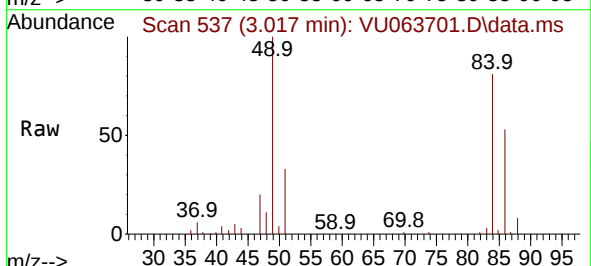
Ion Ratio Lower Upper

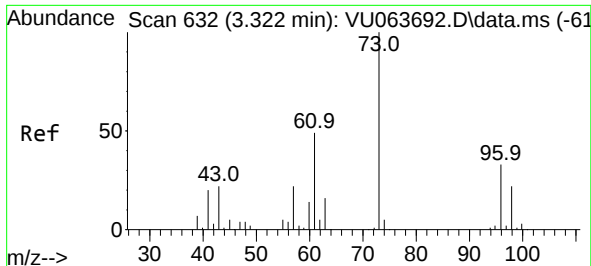
84 100

49 123.9 98.4 147.6

51 40.6 30.1 45.1

86 65.2 51.0 76.6

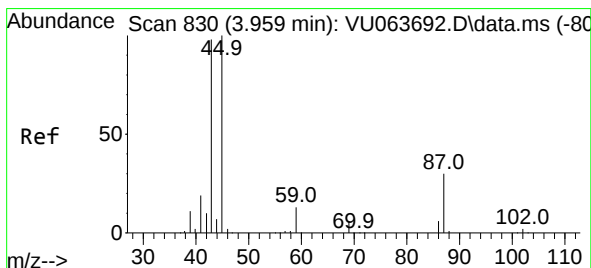
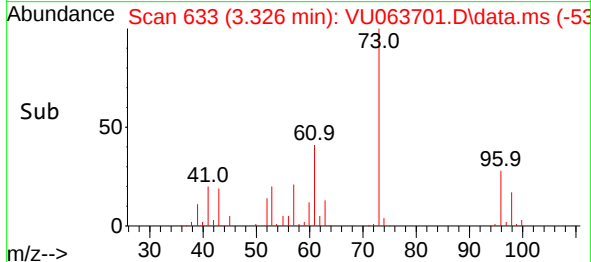
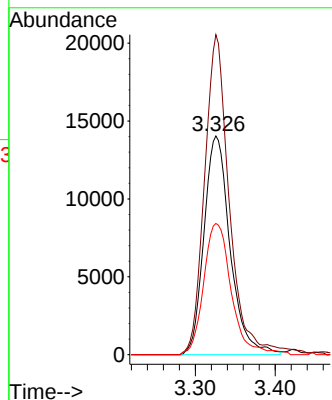
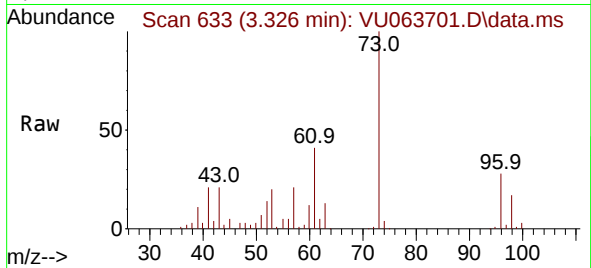




#21
trans-1,2-Dichloroethene
Concen: 19.385 ug/l
RT: 3.326 min Scan# 611
Delta R.T. 0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

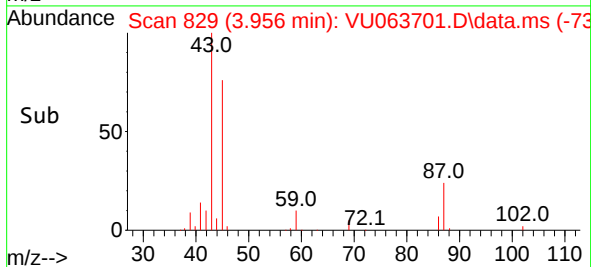
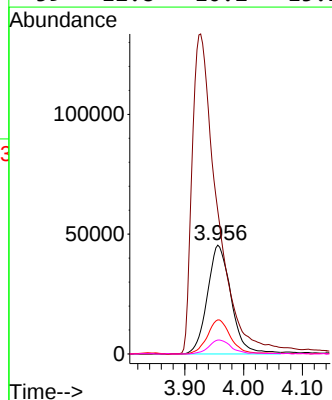
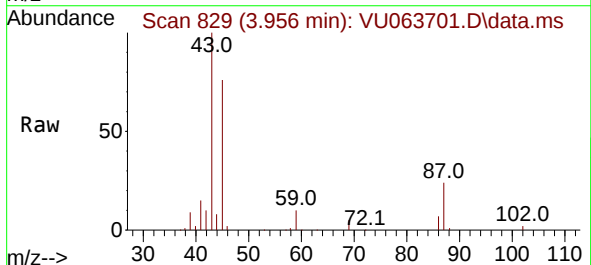
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

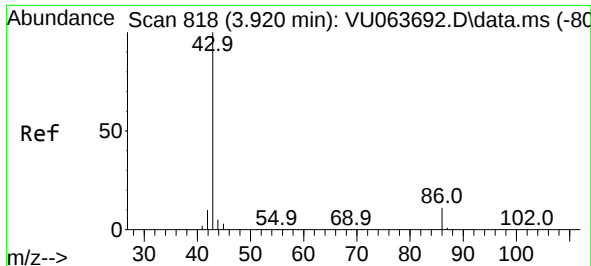
Tgt Ion: 96 Resp: 31946
Ion Ratio Lower Upper
96 100
61 146.3 117.5 176.3
98 60.0 52.7 79.1



#22
Diisopropyl ether
Concen: 19.340 ug/l
RT: 3.956 min Scan# 829
Delta R.T. -0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 45 Resp: 127518
Ion Ratio Lower Upper
45 100
43 131.3 78.1 117.1#
87 31.3 23.8 35.8
59 12.8 10.2 15.2

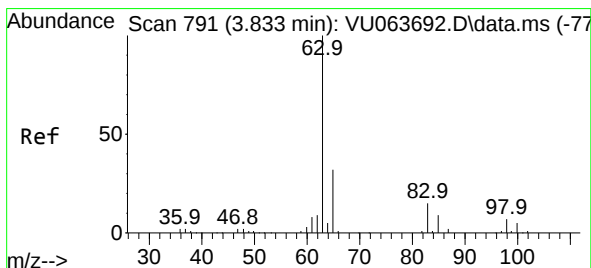
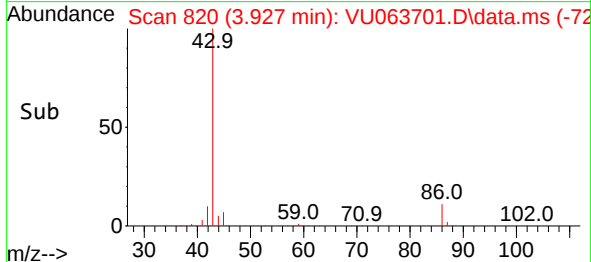
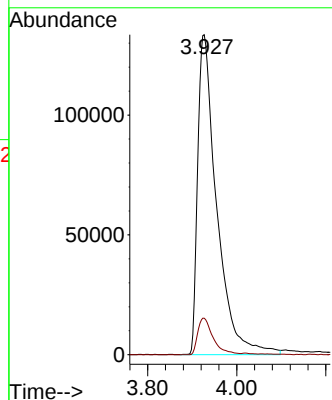
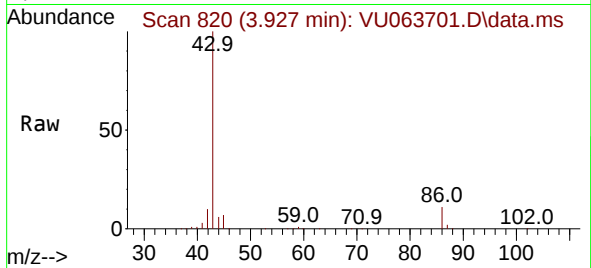




#23
 Vinyl Acetate
 Concen: 88.566 ug/l
 RT: 3.927 min Scan# 818
 Delta R.T. 0.007 min
 Lab File: VU063701.D
 Acq: 11 Nov 2025 12:34

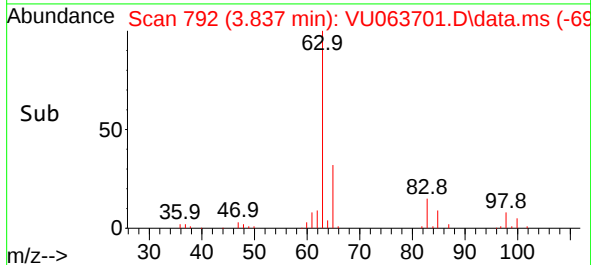
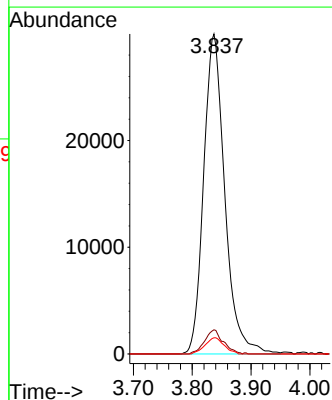
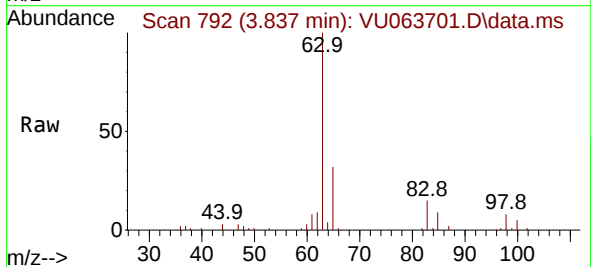
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBS01

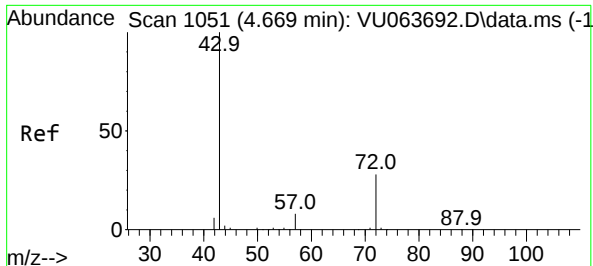
Tgt Ion: 43 Resp: 398239
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 19.677 ug/l
 RT: 3.837 min Scan# 792
 Delta R.T. 0.003 min
 Lab File: VU063701.D
 Acq: 11 Nov 2025 12:34

Tgt Ion: 63 Resp: 74825
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.7 11.1
 100 5.0 2.5 7.5





#25

2-Butanone

Concen: 86.606 ug/l

RT: 4.670 min Scan# 1051

Delta R.T. 0.000 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

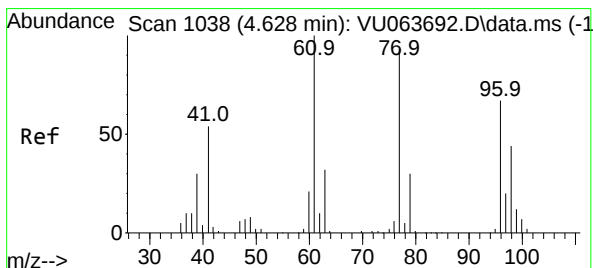
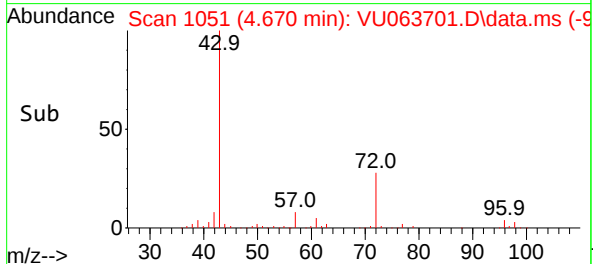
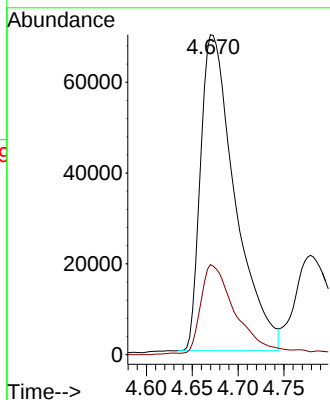
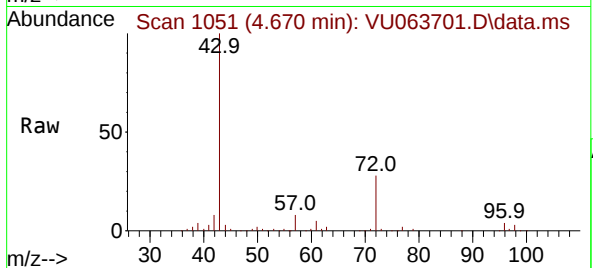
VU1111WBS01

Tgt Ion: 43 Resp: 181842

Ion Ratio Lower Upper

43 100

72 28.1 22.0 33.0



#26

2,2-Dichloropropane

Concen: 18.208 ug/l

RT: 4.631 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VU063701.D

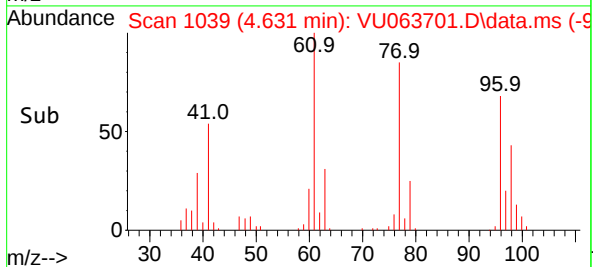
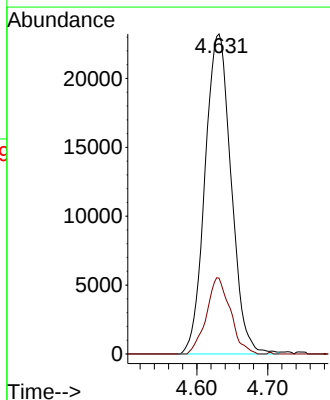
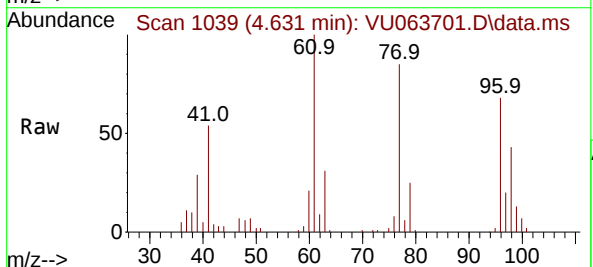
Acq: 11 Nov 2025 12:34

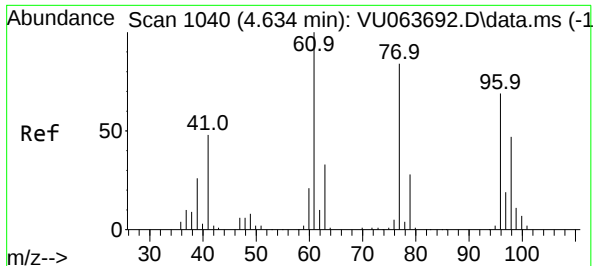
Tgt Ion: 77 Resp: 59468

Ion Ratio Lower Upper

77 100

97 21.8 10.9 32.9

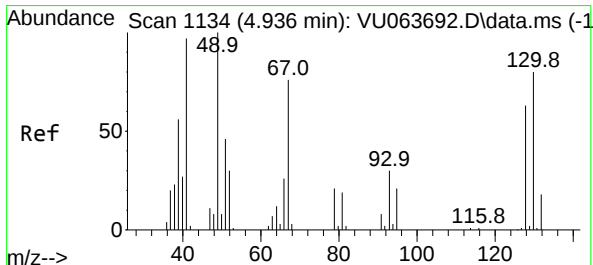
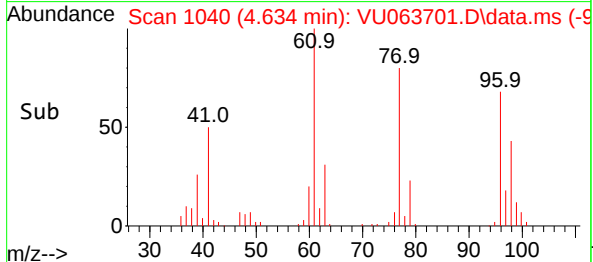
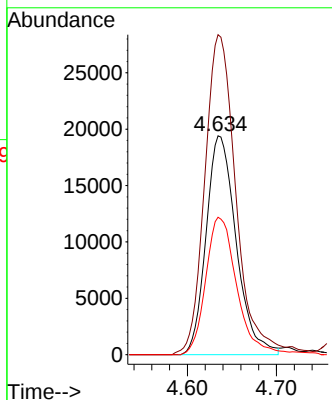
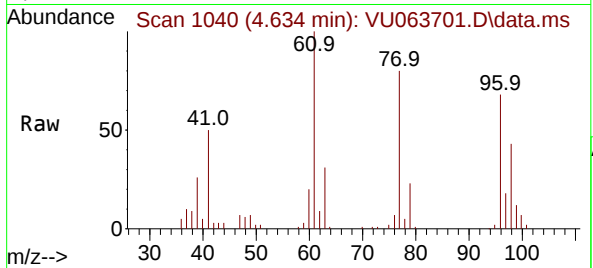




#27
 cis-1,2-Dichloroethene
 Concen: 18.931 ug/l
 RT: 4.634 min Scan# 110
 Delta R.T. 0.000 min
 Lab File: VU063701.D
 Acq: 11 Nov 2025 12:34

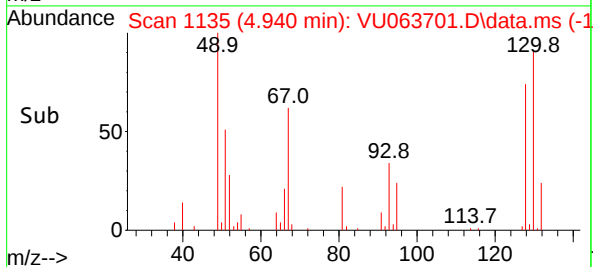
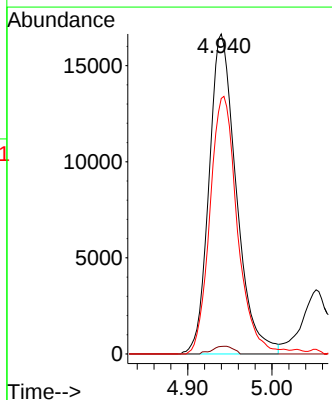
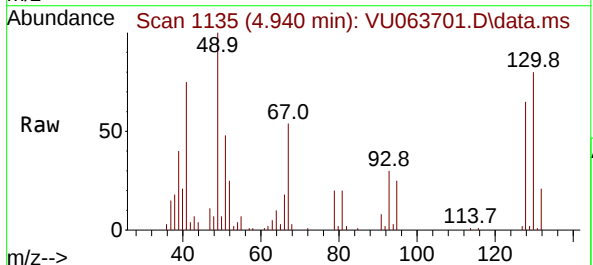
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBS01

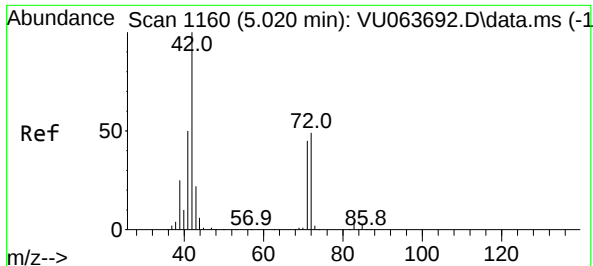
Tgt Ion: 96 Resp: 45580
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 295.4
 98 64.4 0.0 131.8



#28
 Bromochloromethane
 Concen: 24.621 ug/l
 RT: 4.940 min Scan# 1135
 Delta R.T. 0.003 min
 Lab File: VU063701.D
 Acq: 11 Nov 2025 12:34

Tgt Ion: 49 Resp: 37468
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 81.0 65.1 97.7

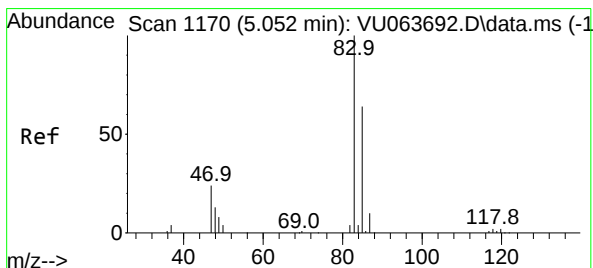
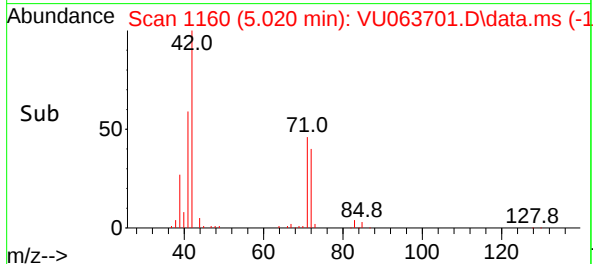
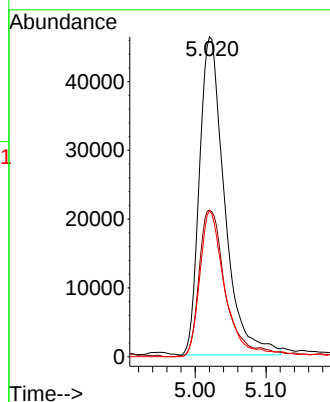
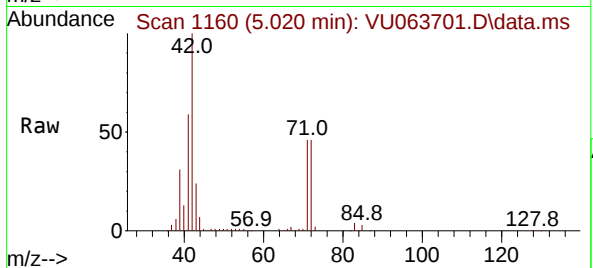




#29
Tetrahydrofuran
Concen: 93.362 ug/l
RT: 5.020 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

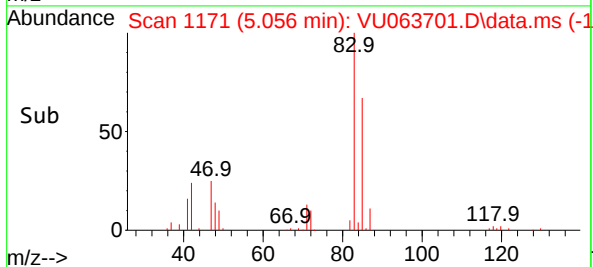
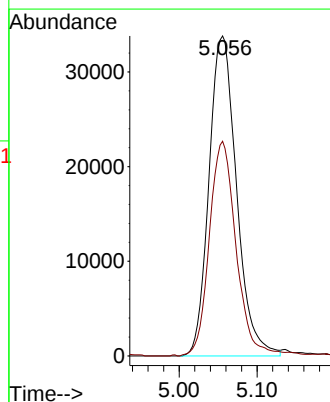
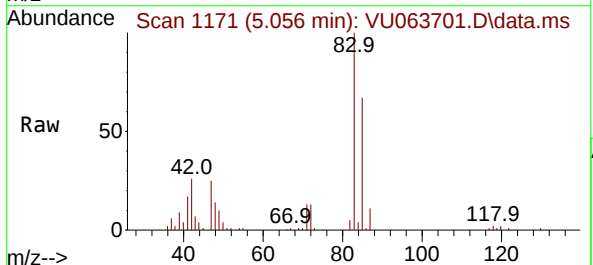
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

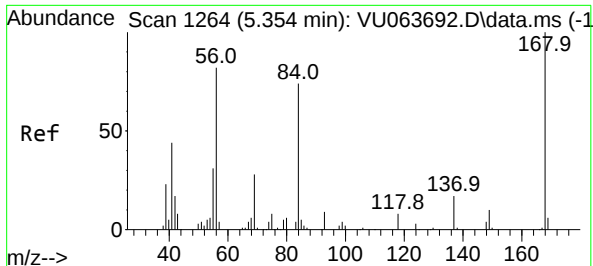
Tgt Ion: 42 Resp: 114065
Ion Ratio Lower Upper
42 100
72 46.7 40.0 60.0
71 46.4 37.4 56.0



#30
Chloroform
Concen: 19.974 ug/l
RT: 5.056 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 83 Resp: 83215
Ion Ratio Lower Upper
83 100
85 67.1 51.0 76.6

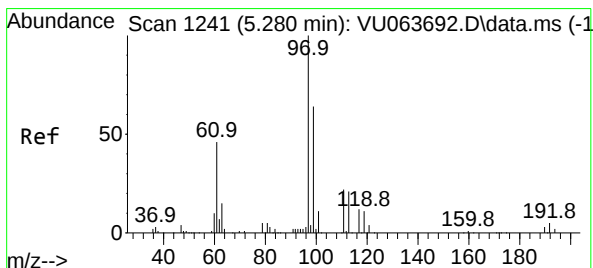
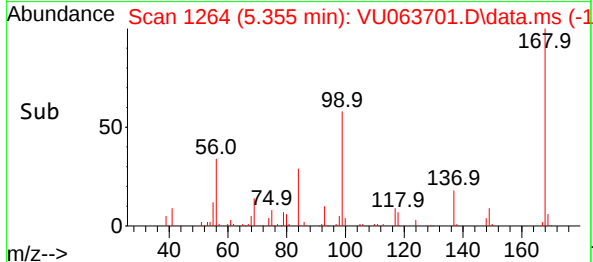
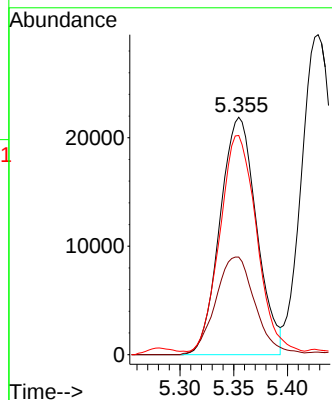
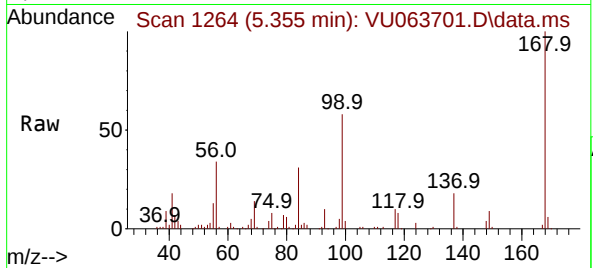




#31
Cyclohexane
Concen: 20.356 ug/l
RT: 5.355 min Scan# 11
Delta R.T. 0.001 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

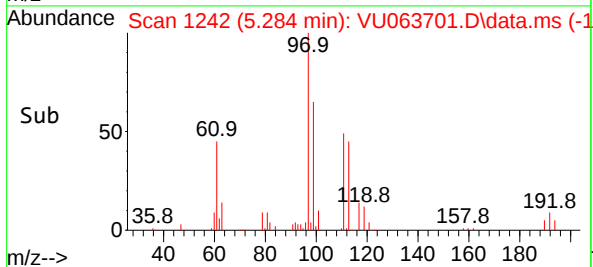
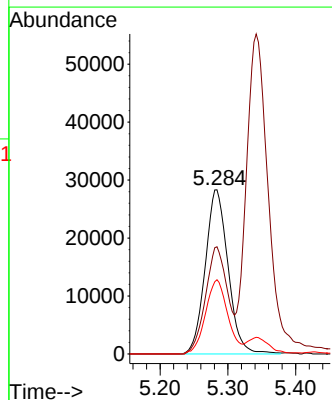
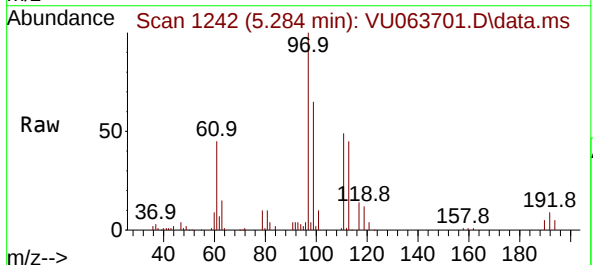
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

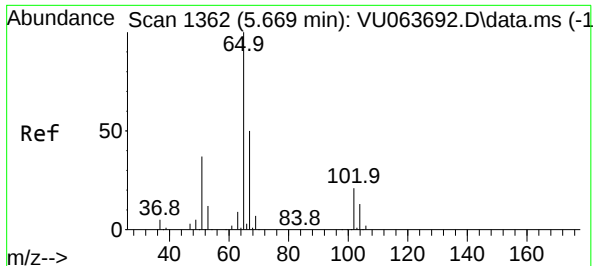
Tgt Ion: 56 Resp: 51898
Ion Ratio Lower Upper
56 100
69 41.1 27.0 40.6#
84 90.9 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.400 ug/l
RT: 5.284 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 97 Resp: 66322
Ion Ratio Lower Upper
97 100
99 62.2 49.8 74.8
61 44.2 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 48.569 ug/l

RT: 5.670 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

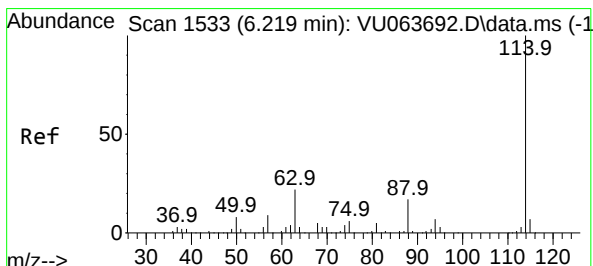
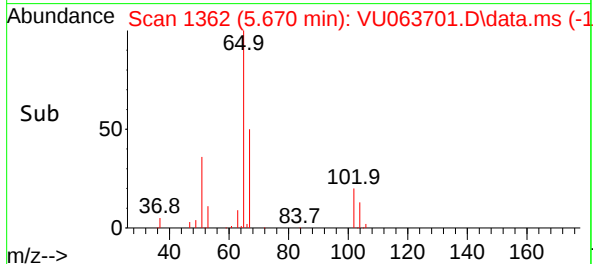
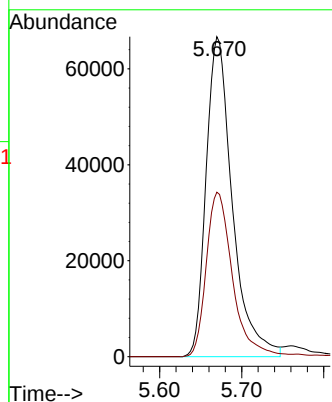
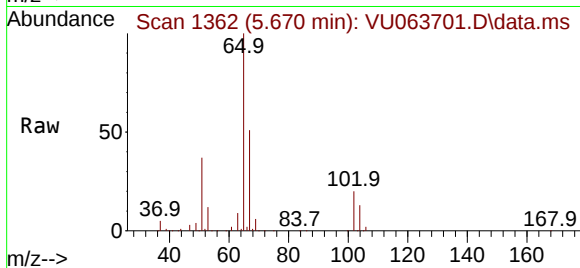
VU1111WBS01

Tgt Ion: 65 Resp: 148109

Ion Ratio Lower Upper

65 100

67 51.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.219 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

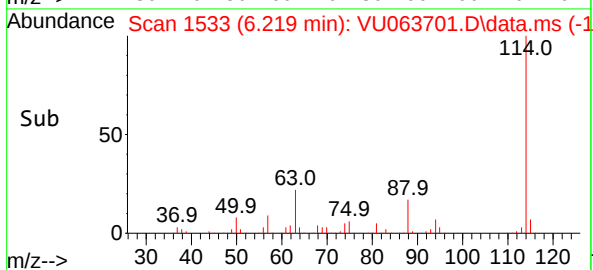
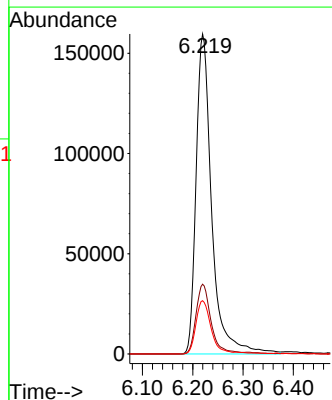
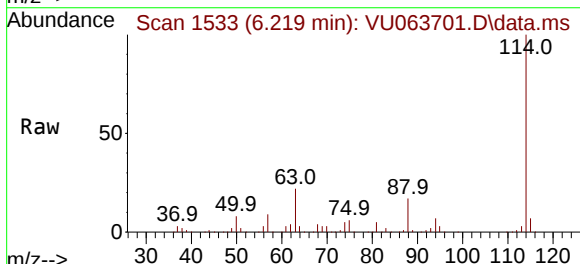
Tgt Ion: 114 Resp: 344189

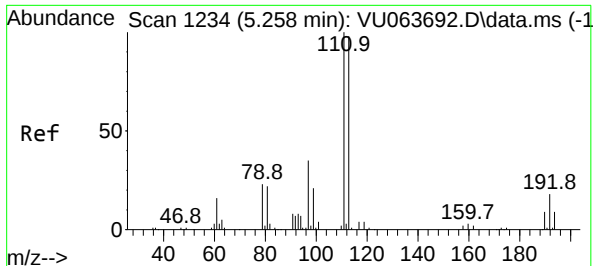
Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.0

88 16.7 0.0 33.6

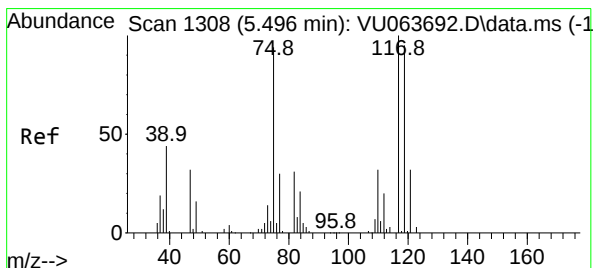
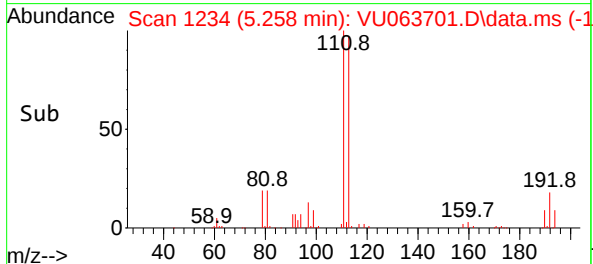
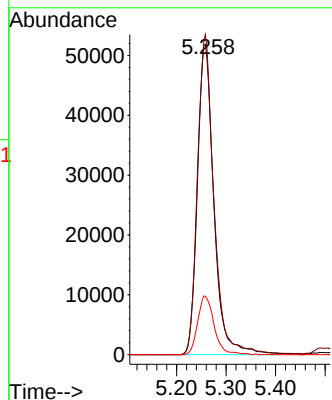
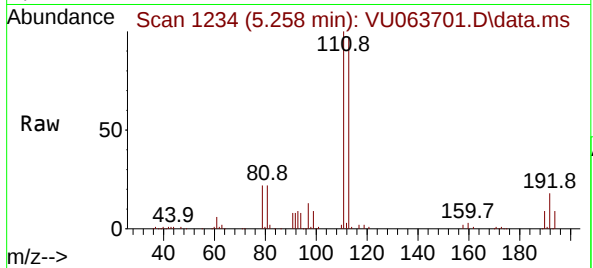




#35
Dibromofluoromethane
Concen: 50.125 ug/l
RT: 5.258 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

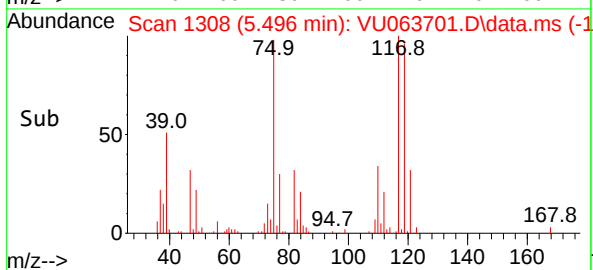
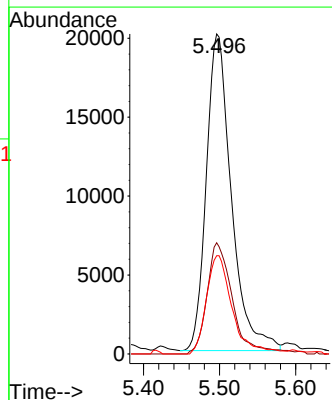
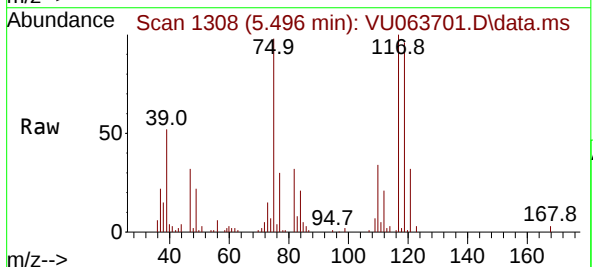
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

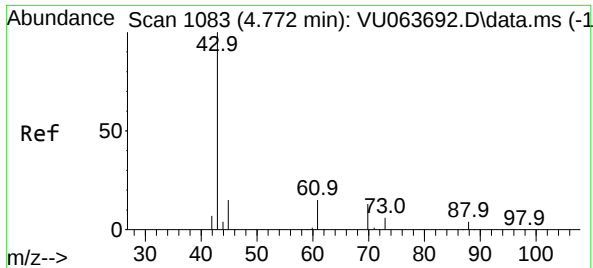
Tgt Ion:113 Resp: 120836
Ion Ratio Lower Upper
113 100
111 102.3 82.4 123.6
192 18.7 15.4 23.0



#36
1,1-Dichloropropene
Concen: 18.740 ug/l
RT: 5.496 min Scan# 1308
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 75 Resp: 45981
Ion Ratio Lower Upper
75 100
110 35.7 17.3 51.7
77 32.0 24.4 36.6





#37

Ethyl Acetate

Concen: 16.986 ug/l

RT: 4.779 min Scan# 1083

Delta R.T. 0.007 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

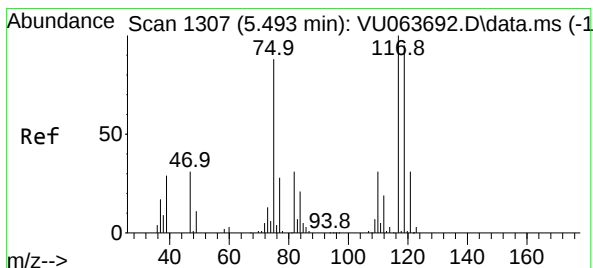
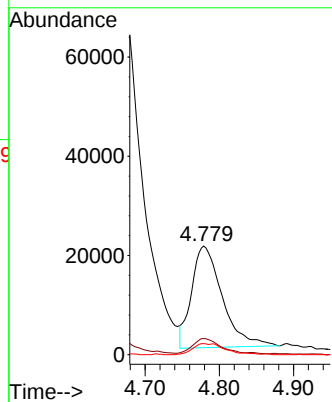
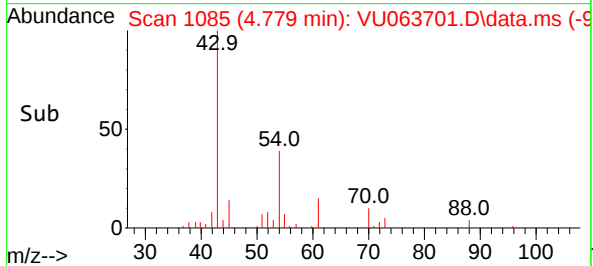
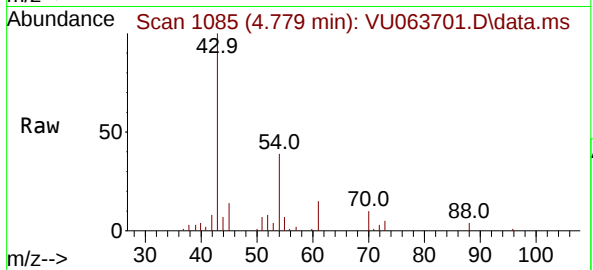
Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

Tgt Ion:	43	Resp:	59014
Ion	Ratio	Lower	Upper
43	100		
61	12.4	10.3	15.5
70	5.7	8.9	13.3



#38

Carbon Tetrachloride

Concen: 17.748 ug/l

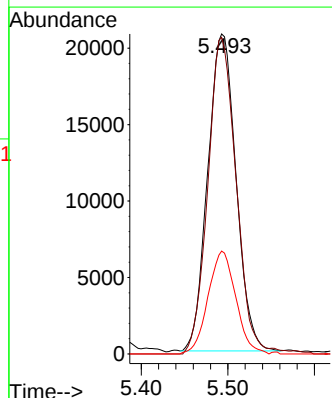
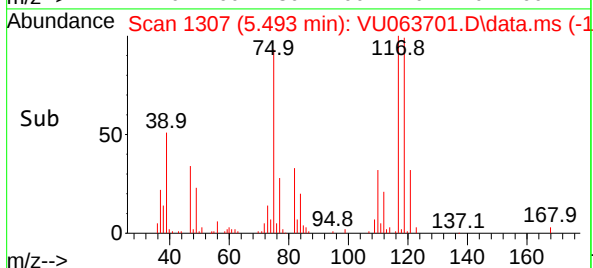
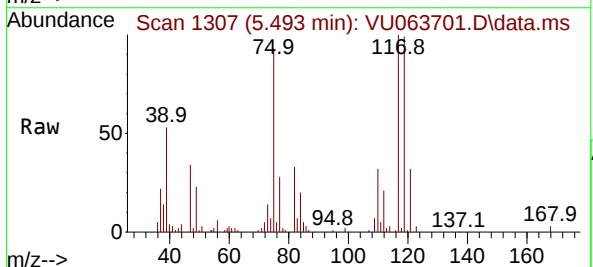
RT: 5.493 min Scan# 1307

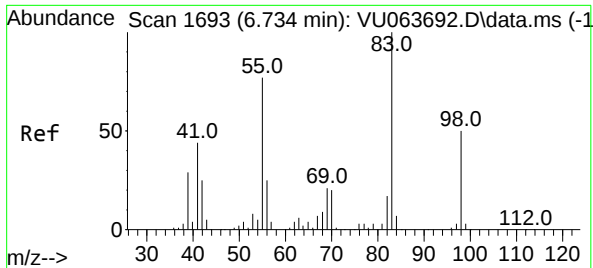
Delta R.T. 0.000 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

Tgt Ion:	117	Resp:	47067
Ion	Ratio	Lower	Upper
117	100		
119	99.9	76.1	114.1
121	32.4	24.6	37.0

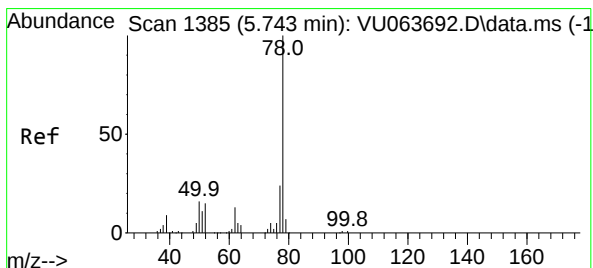
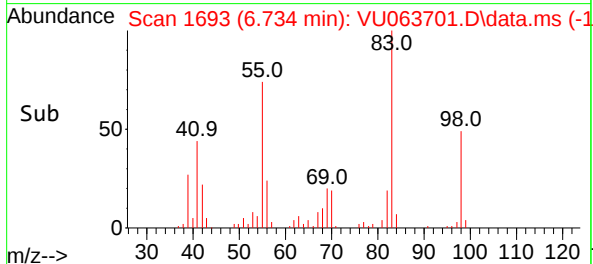
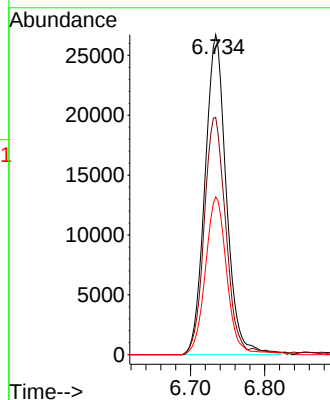
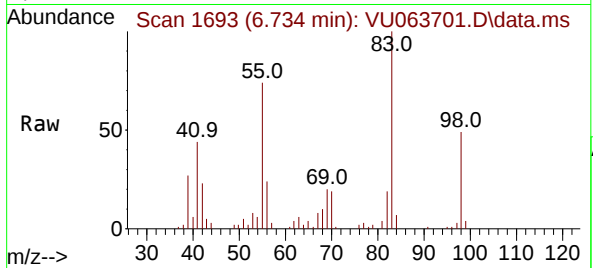




#39
Methylcyclohexane
Concen: 19.160 ug/l
RT: 6.734 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

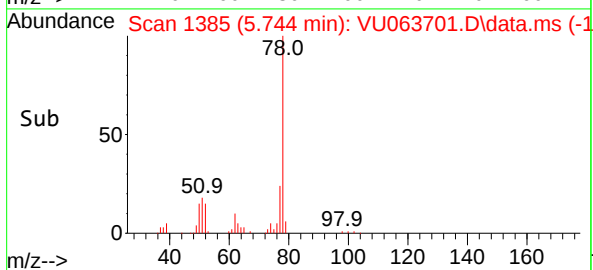
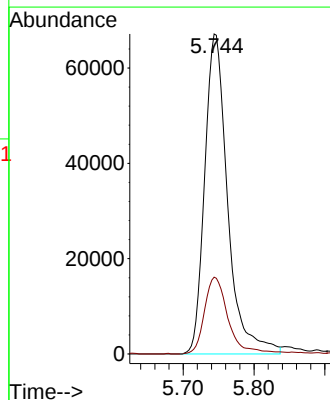
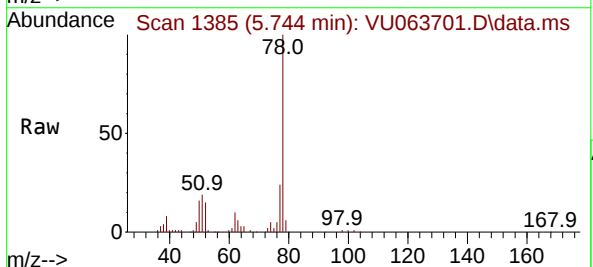
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

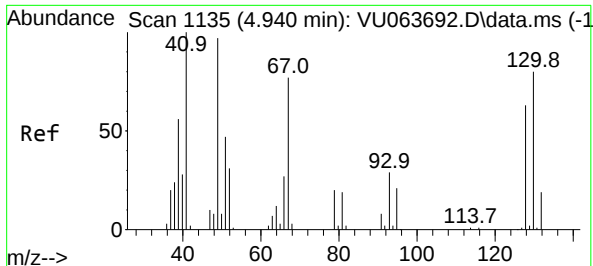
Tgt Ion: 83 Resp: 53373
Ion Ratio Lower Upper
83 100
55 74.1 61.6 92.4
98 49.3 40.0 60.0



#40
Benzene
Concen: 19.151 ug/l
RT: 5.744 min Scan# 1385
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 78 Resp: 151630
Ion Ratio Lower Upper
78 100
77 24.0 18.9 28.3

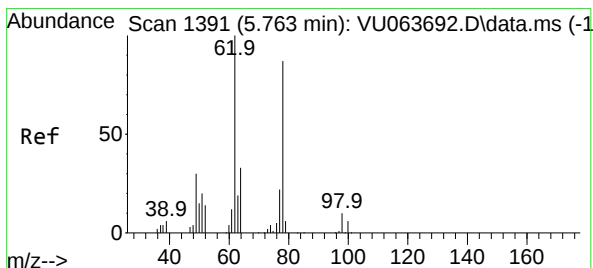
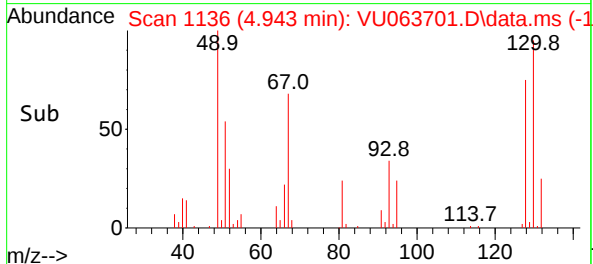
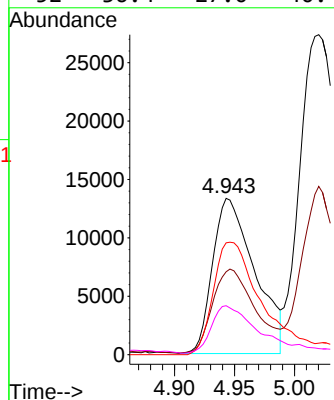
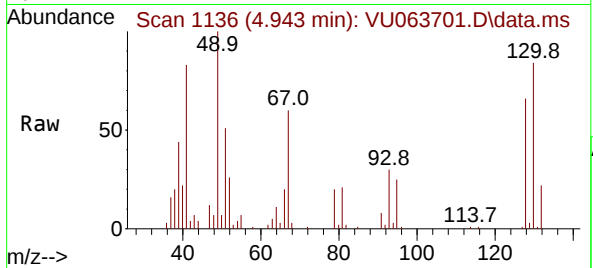




#41
Methacrylonitrile
Concen: 17.984 ug/l
RT: 4.943 min Scan# 1136
Delta R.T. 0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

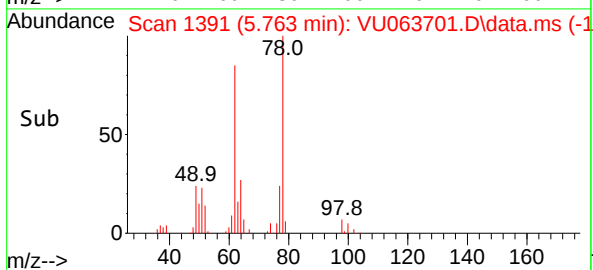
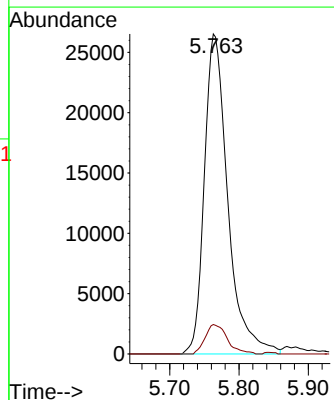
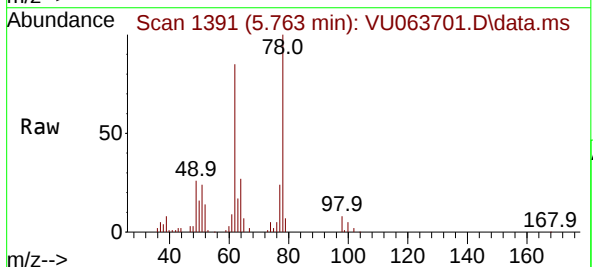
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

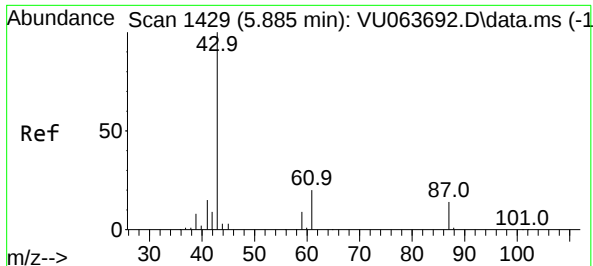
Tgt Ion: 41 Resp: 32472
Ion Ratio Lower Upper
41 100
39 54.5 44.7 67.1
67 82.6 67.4 101.2
52 36.4 27.0 40.4



#42
1,2-Dichloroethane
Concen: 19.955 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 62 Resp: 62315
Ion Ratio Lower Upper
62 100
98 8.7 0.0 18.2





#43

Isopropyl Acetate

Concen: 17.805 ug/l

RT: 5.885 min Scan# 1429

Delta R.T. 0.000 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

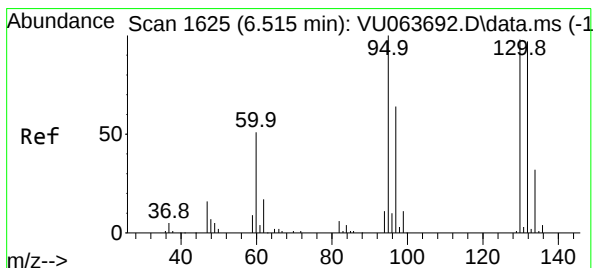
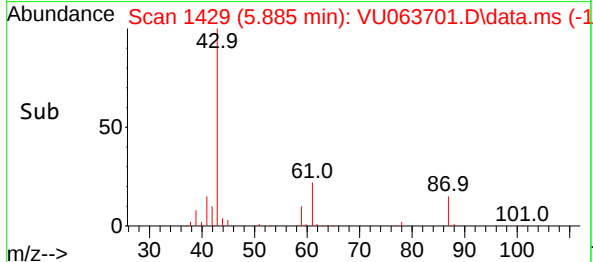
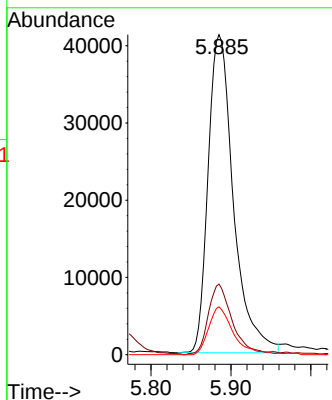
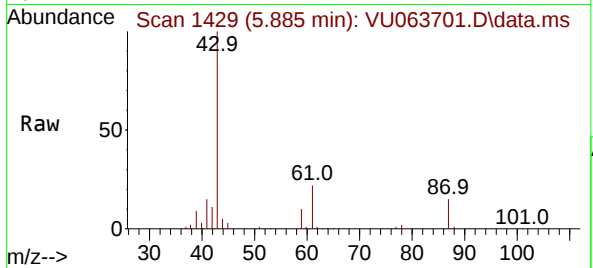
Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

Tgt Ion: 43	Resp: 90667
Ion Ratio	Lower Upper
43	100
61	20.8 15.9 23.9
87	14.5 11.0 16.6



#44

Trichloroethene

Concen: 18.522 ug/l

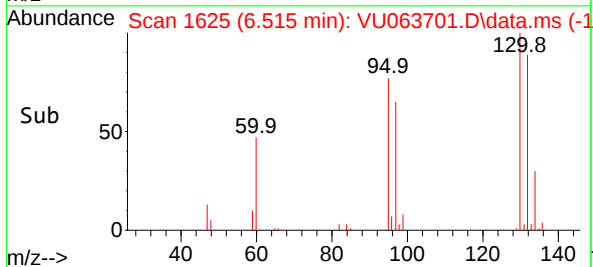
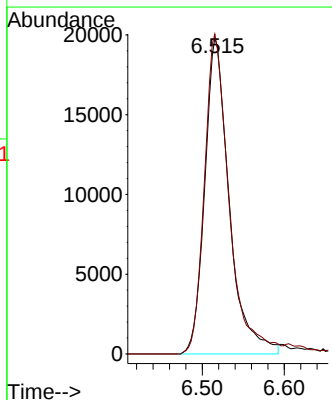
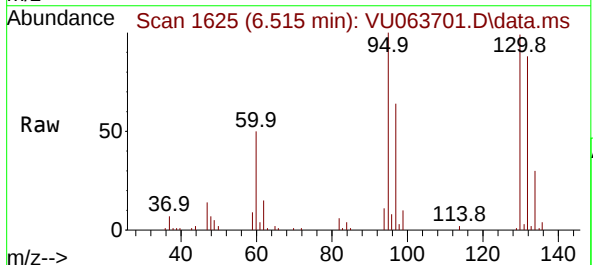
RT: 6.515 min Scan# 1625

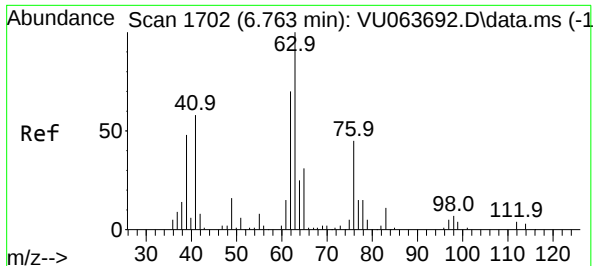
Delta R.T. 0.000 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

Tgt Ion: 130	Resp: 41145
Ion Ratio	Lower Upper
130	100
95	101.3 0.0 203.6





#45

1,2-Dichloropropane

Concen: 18.489 ug/l

RT: 6.763 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

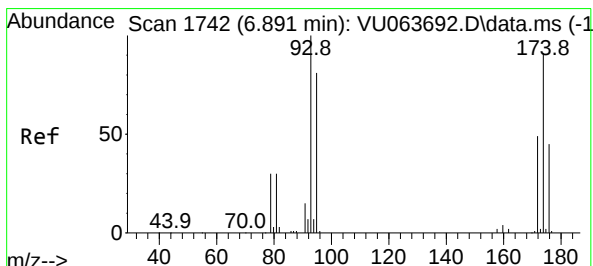
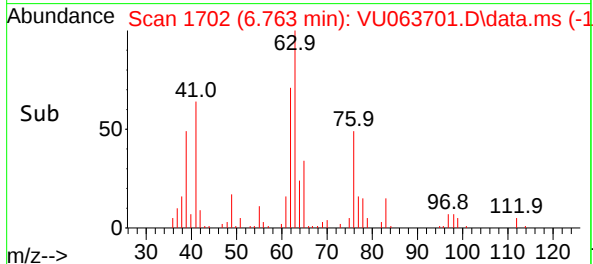
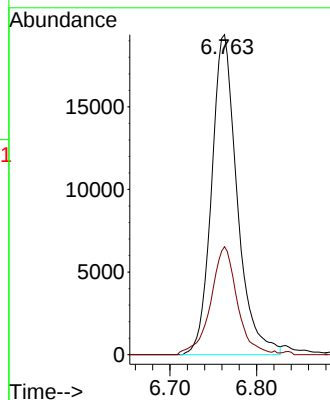
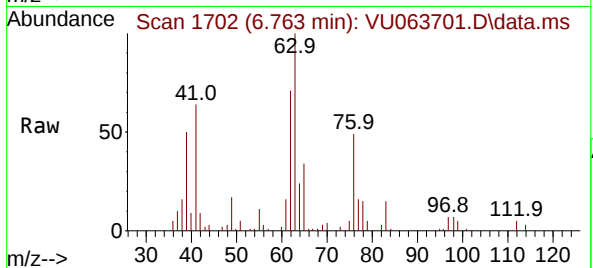
VU1111WBS01

Tgt Ion: 63 Resp: 39795

Ion Ratio Lower Upper

63 100

65 33.2 24.9 37.3



#46

Dibromomethane

Concen: 19.721 ug/l

RT: 6.888 min Scan# 1741

Delta R.T. -0.003 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

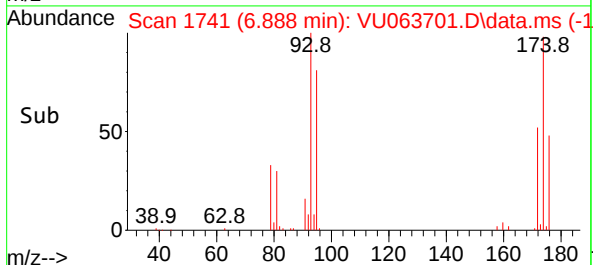
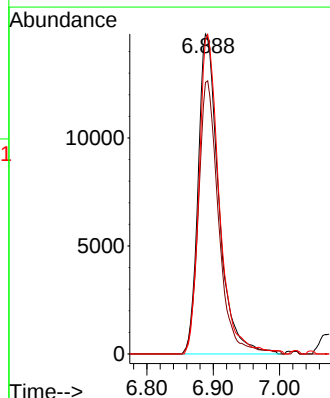
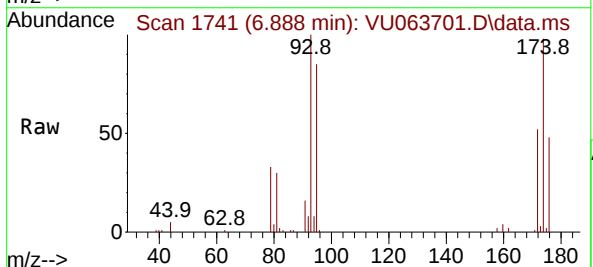
Tgt Ion: 93 Resp: 31873

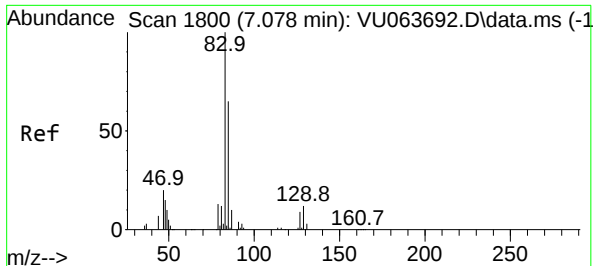
Ion Ratio Lower Upper

93 100

95 83.2 65.9 98.9

174 97.8 74.9 112.3

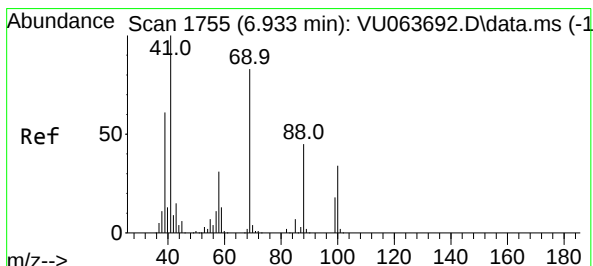
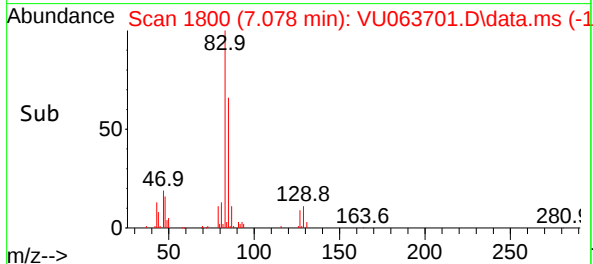
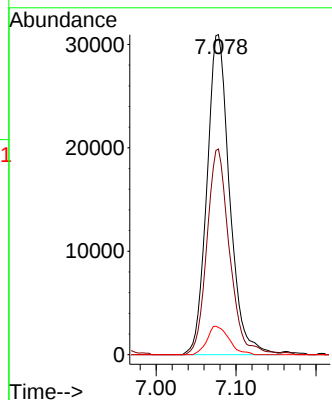
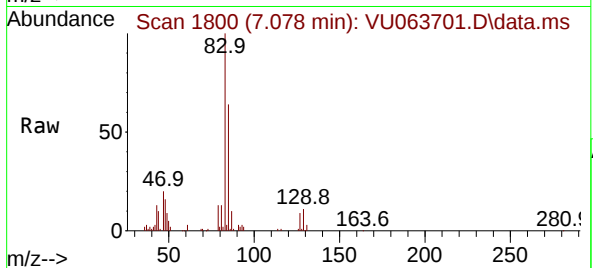




#47
Bromodichloromethane
Concen: 18.626 ug/l
RT: 7.078 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

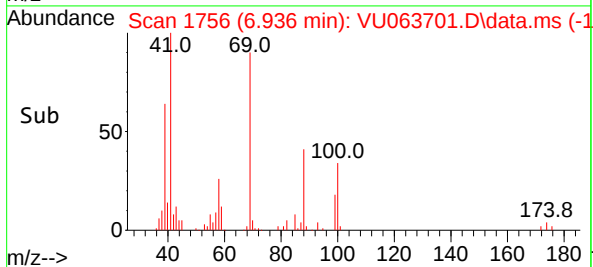
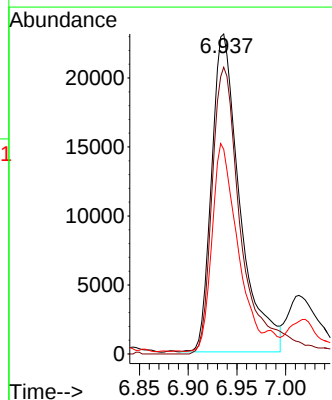
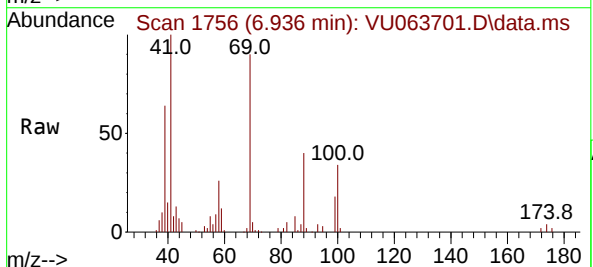
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

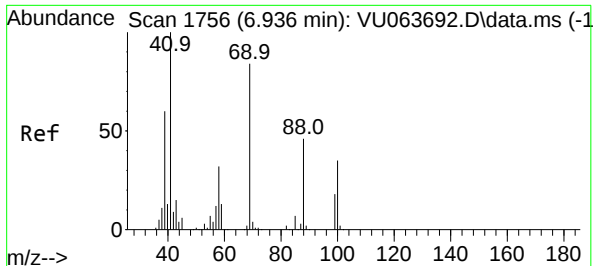
Tgt Ion: 83 Resp: 61030
Ion Ratio Lower Upper
83 100
85 64.3 51.9 77.9
127 8.5 6.9 10.3



#48
Methyl methacrylate
Concen: 18.630 ug/l
RT: 6.936 min Scan# 1756
Delta R.T. 0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 41 Resp: 46569
Ion Ratio Lower Upper
41 100
69 94.8 72.9 109.3
39 58.6 51.0 76.4

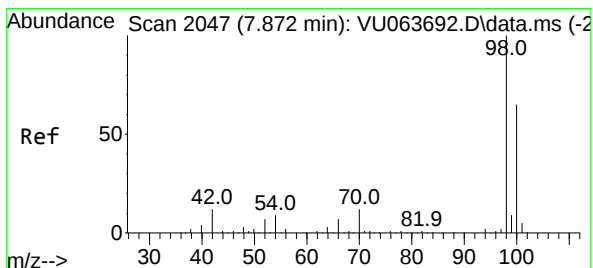
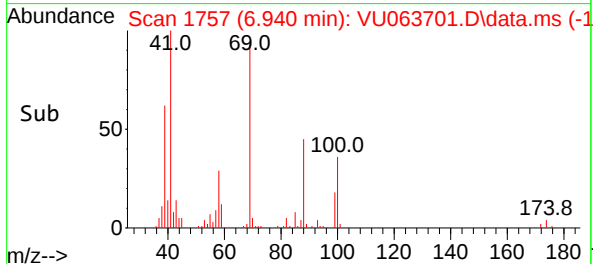
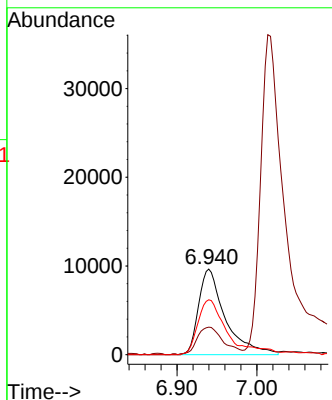
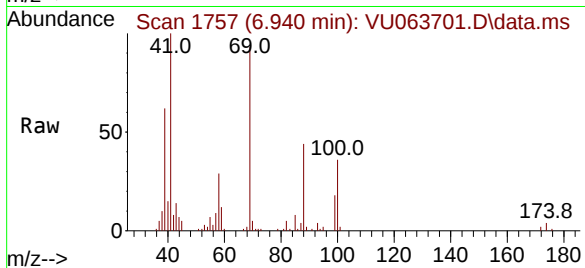




#49
1,4-Dioxane
Concen: 338.401 ug/l
RT: 6.940 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

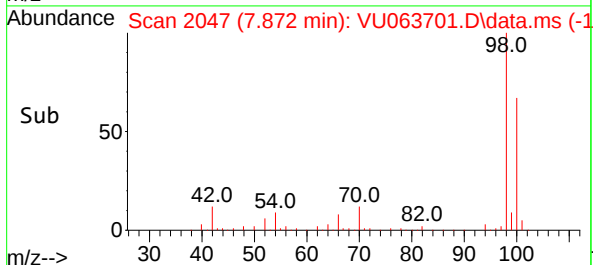
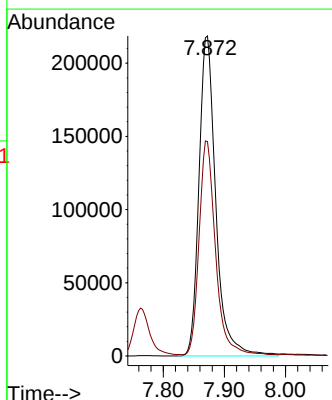
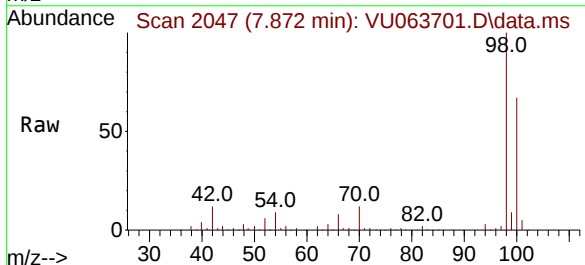
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

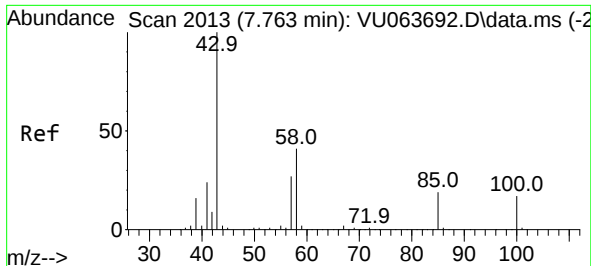
Tgt Ion: 88 Resp: 22410
Ion Ratio Lower Upper
88 100
43 31.7 24.1 36.1
58 70.1 54.2 81.4



#50
Toluene-d8
Concen: 48.314 ug/l
RT: 7.872 min Scan# 2047
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 98 Resp: 418426
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 91.446 ug/l

RT: 7.763 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

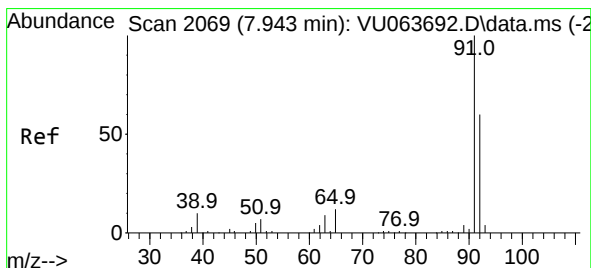
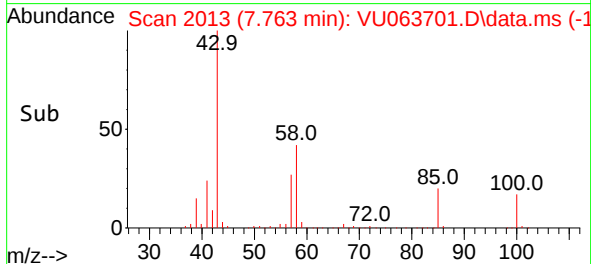
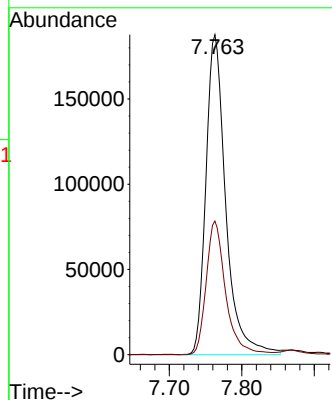
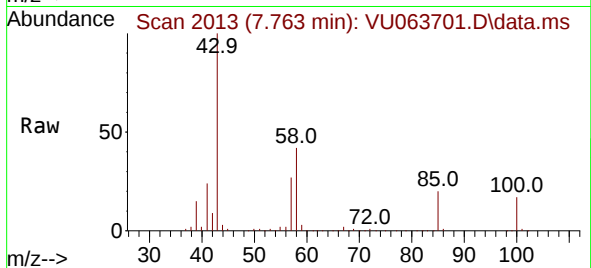
VU1111WBS01

Tgt Ion: 43 Resp: 356350

Ion Ratio Lower Upper

43 100

58 41.0 32.3 48.5



#52

Toluene

Concen: 19.494 ug/l

RT: 7.943 min Scan# 2069

Delta R.T. 0.000 min

Lab File: VU063701.D

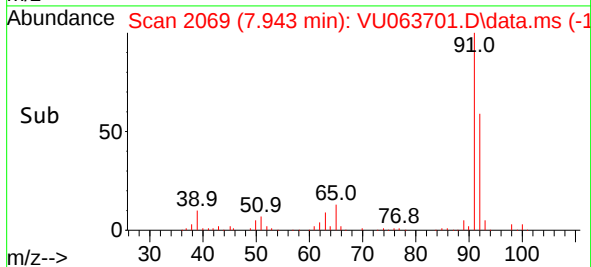
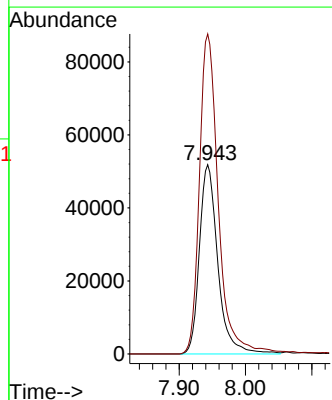
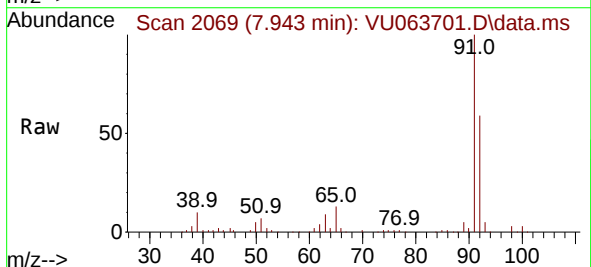
Acq: 11 Nov 2025 12:34

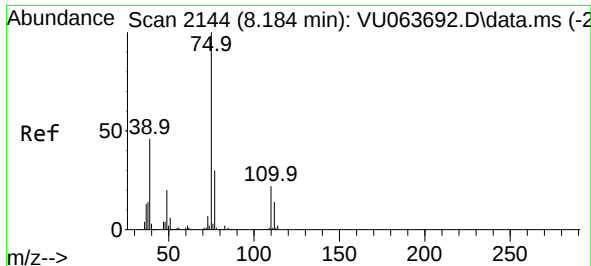
Tgt Ion: 92 Resp: 100172

Ion Ratio Lower Upper

92 100

91 173.1 136.6 204.8

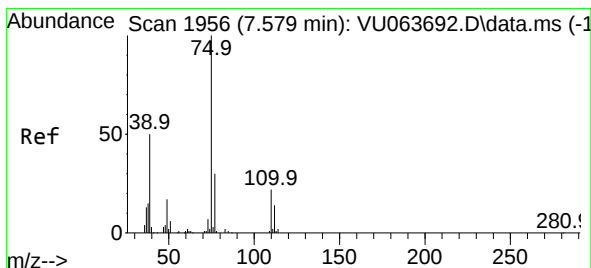
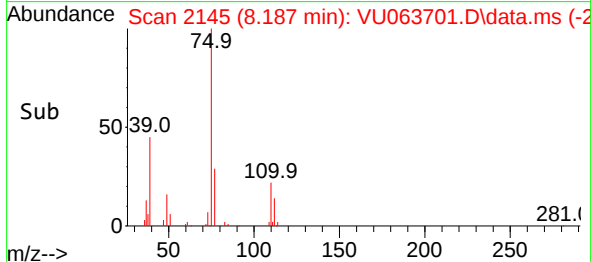
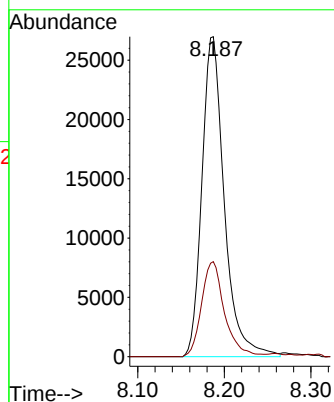
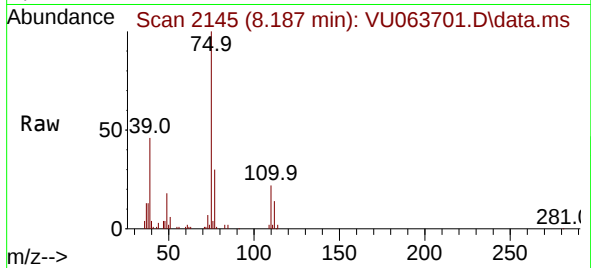




#53
 t-1,3-Dichloropropene
 Concen: 17.521 ug/l
 RT: 8.187 min Scan# 2144
 Delta R.T. 0.003 min
 Lab File: VU063701.D
 Acq: 11 Nov 2025 12:34

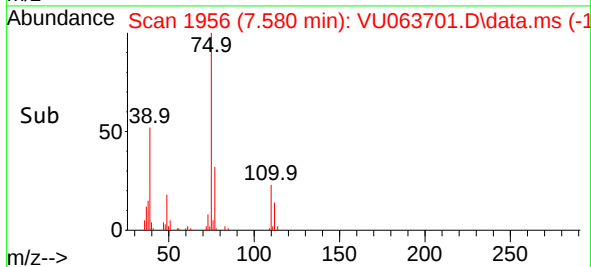
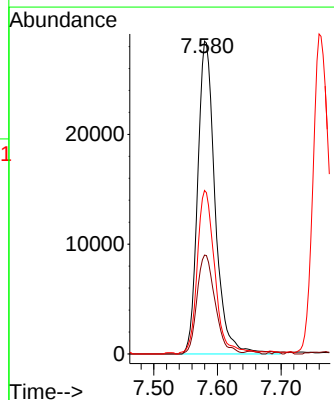
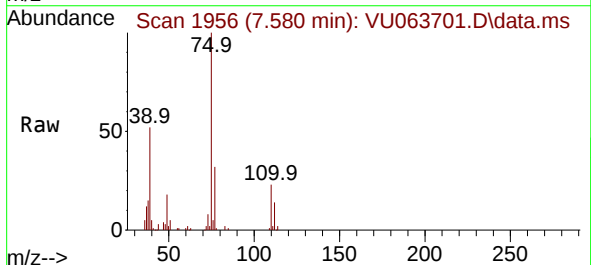
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBS01

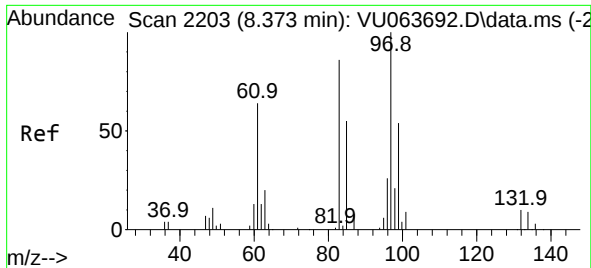
Tgt Ion: 75 Resp: 48345
 Ion Ratio Lower Upper
 75 100
 77 29.7 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 17.533 ug/l
 RT: 7.580 min Scan# 1956
 Delta R.T. 0.000 min
 Lab File: VU063701.D
 Acq: 11 Nov 2025 12:34

Tgt Ion: 75 Resp: 54220
 Ion Ratio Lower Upper
 75 100
 77 31.6 24.3 36.5
 39 51.8 40.2 60.2

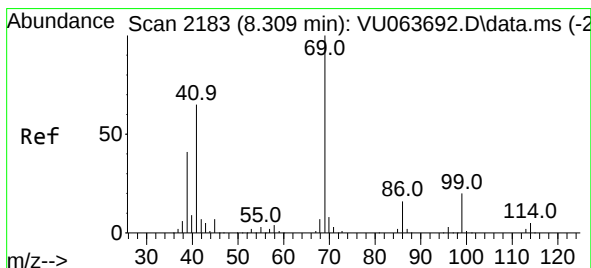
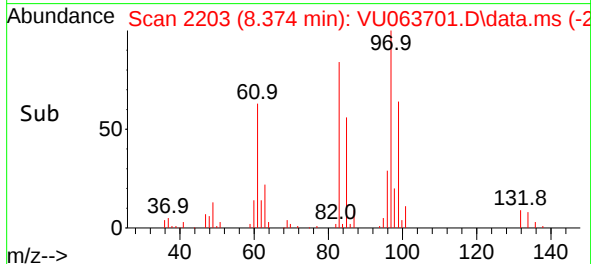
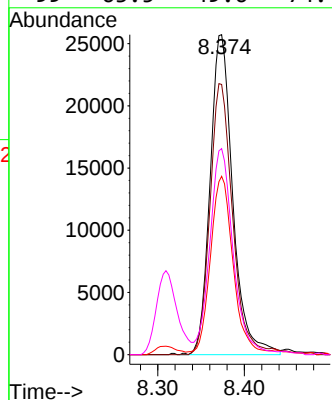
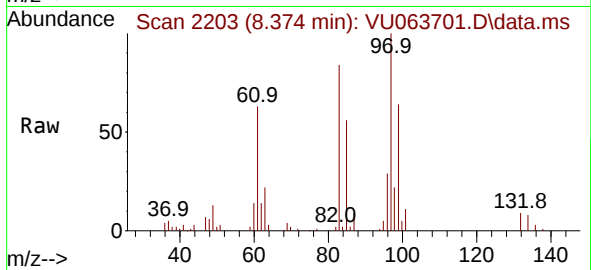




#55
 1,1,2-Trichloroethane
 Concen: 19.863 ug/l
 RT: 8.374 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VU063701.D
 Acq: 11 Nov 2025 12:34

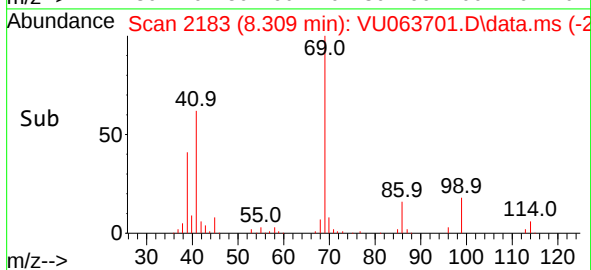
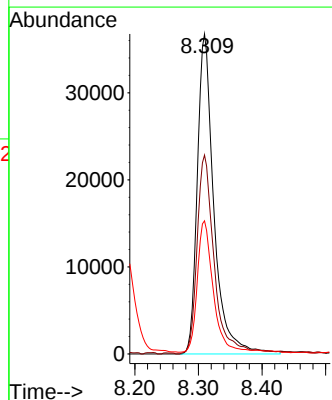
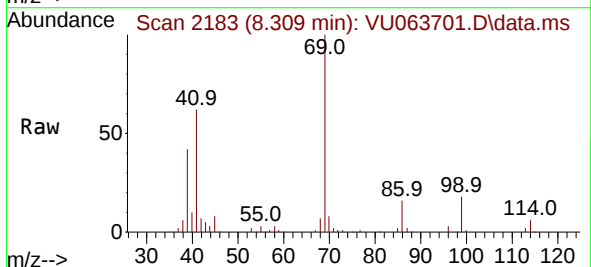
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBS01

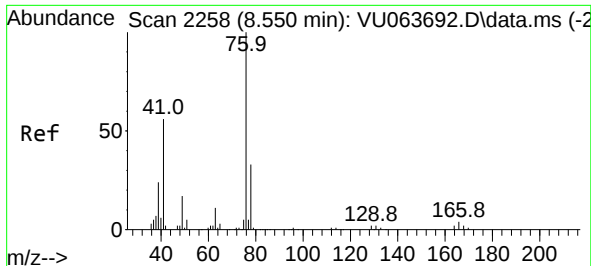
Tgt Ion: 97	Resp: 46837
Ion Ratio	Lower Upper
97 100	
83 84.4	69.0 103.4
85 54.7	44.2 66.4
99 63.5	49.6 74.4



#56
 Ethyl methacrylate
 Concen: 19.138 ug/l
 RT: 8.309 min Scan# 2183
 Delta R.T. 0.000 min
 Lab File: VU063701.D
 Acq: 11 Nov 2025 12:34

Tgt Ion: 69	Resp: 66589
Ion Ratio	Lower Upper
69 100	
41 63.2	51.4 77.2
39 39.0	32.2 48.4





#57

1,3-Dichloropropane

Concen: 19.264 ug/l

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

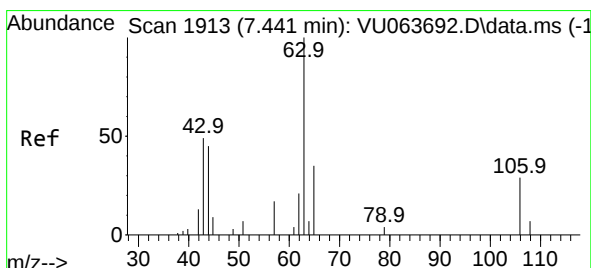
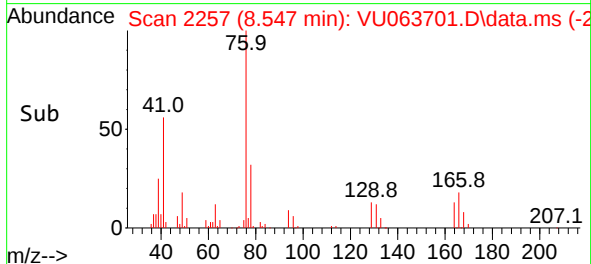
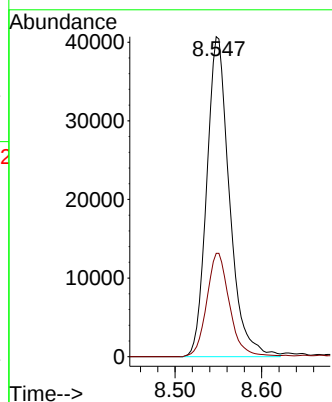
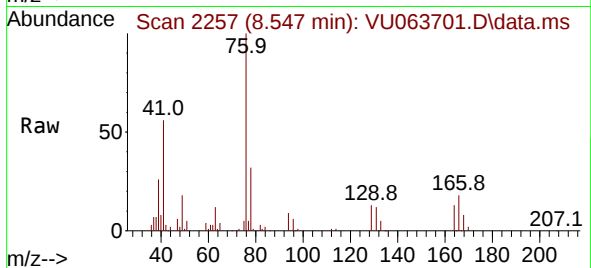
VU1111WBS01

Tgt Ion: 76 Resp: 74108

Ion Ratio Lower Upper

76 100

78 32.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 38.841 ug/l

RT: 7.451 min Scan# 1916

Delta R.T. 0.010 min

Lab File: VU063701.D

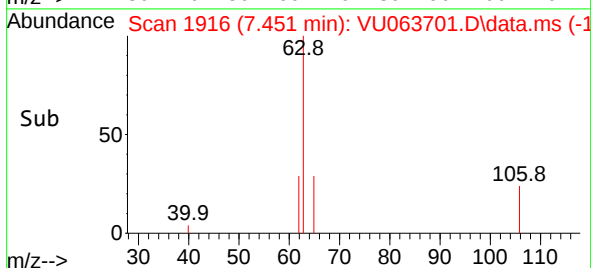
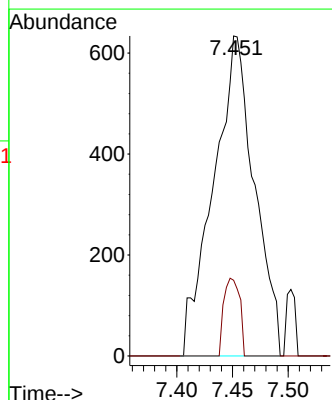
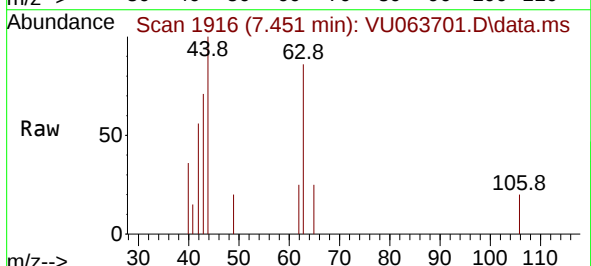
Acq: 11 Nov 2025 12:34

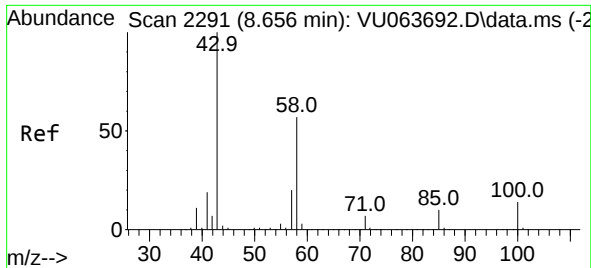
Tgt Ion: 63 Resp: 1625

Ion Ratio Lower Upper

63 100

106 9.4 15.8 23.8#

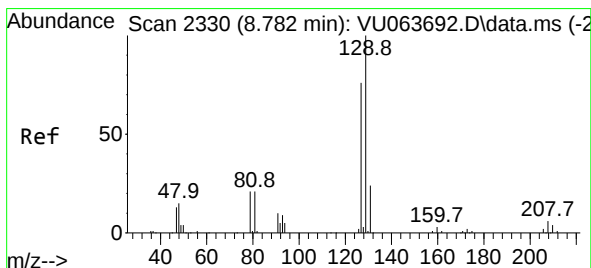
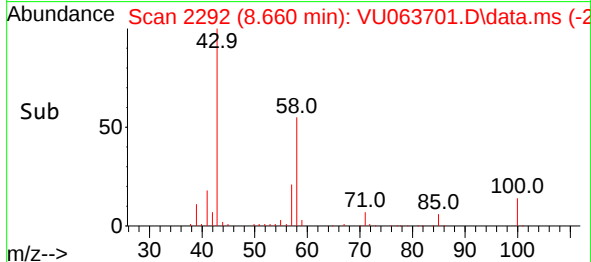
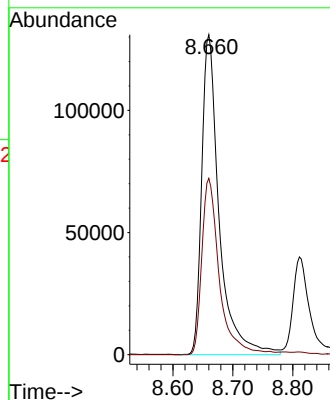
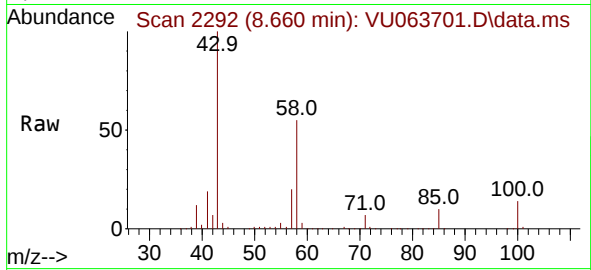




#59
2-Hexanone
Concen: 91.276 ug/l
RT: 8.660 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

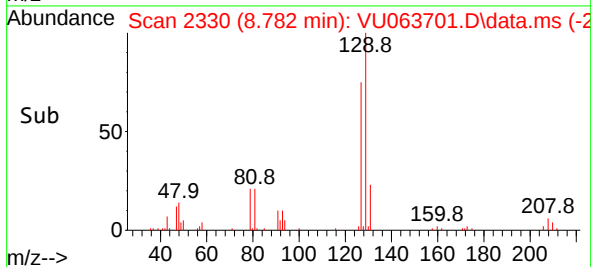
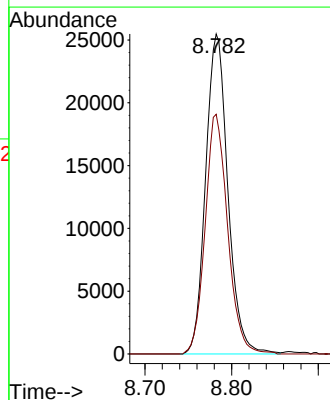
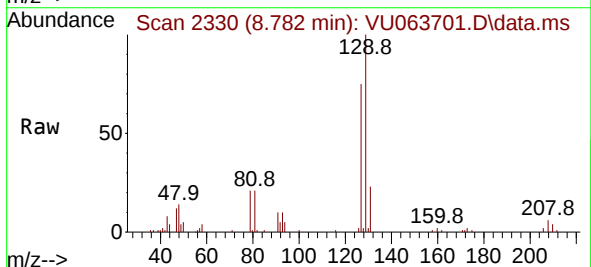
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

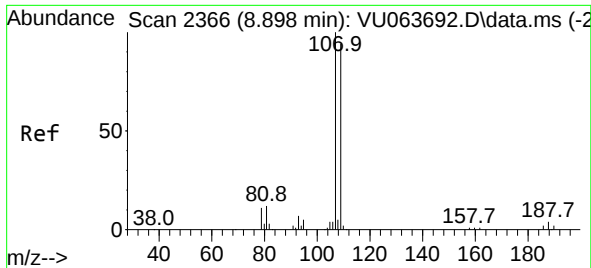
Tgt Ion: 43 Resp: 264920
Ion Ratio Lower Upper
43 100
58 55.4 28.4 85.3



#60
Dibromochloromethane
Concen: 18.397 ug/l
RT: 8.782 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 129 Resp: 45437
Ion Ratio Lower Upper
129 100
127 75.8 38.2 114.6

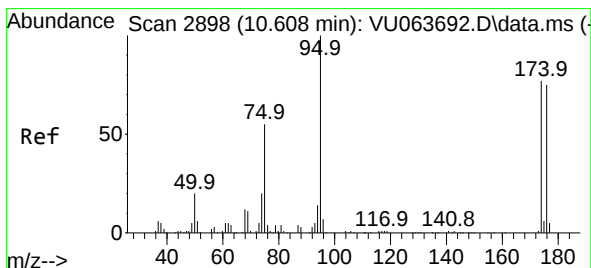
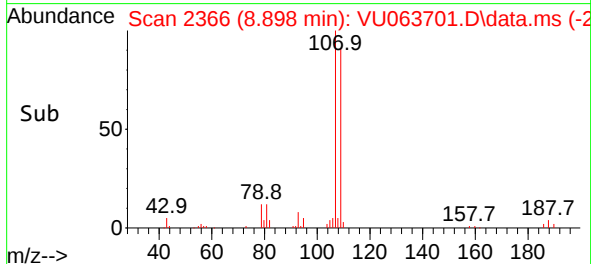
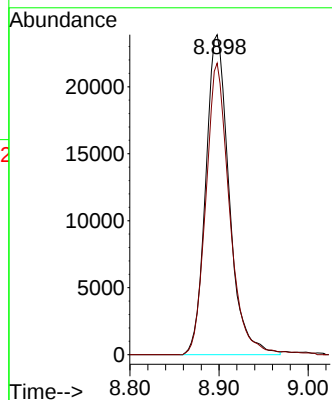
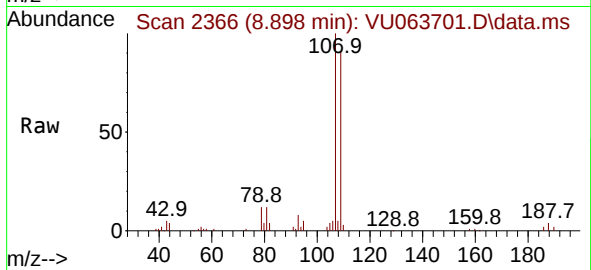




#61
1,2-Dibromoethane
Concen: 19.186 ug/l
RT: 8.898 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

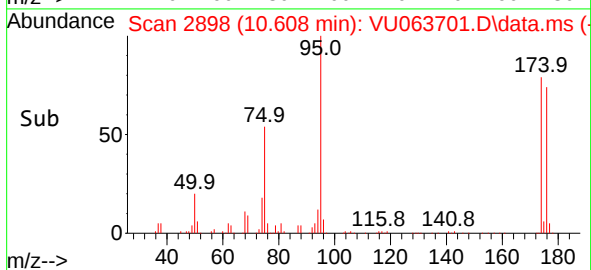
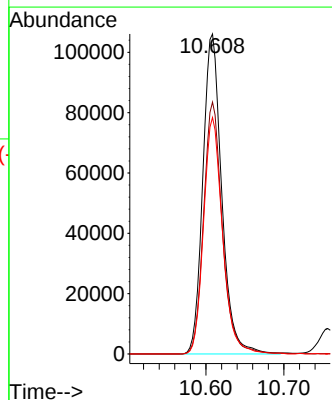
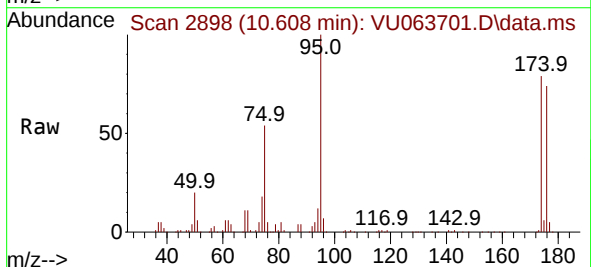
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

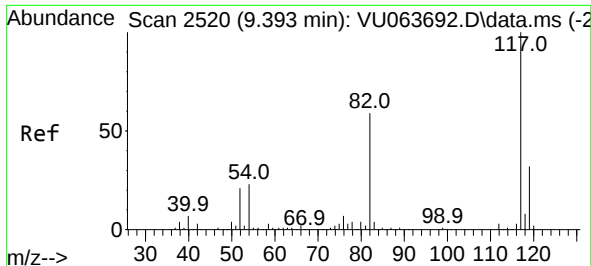
Tgt Ion:107 Resp: 43595
Ion Ratio Lower Upper
107 100
109 91.8 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 49.903 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 95 Resp: 178780
Ion Ratio Lower Upper
95 100
174 78.0 0.0 154.6
176 74.2 0.0 148.4

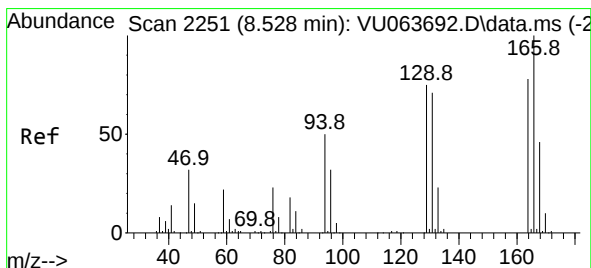
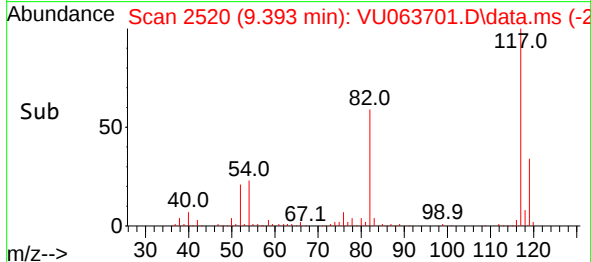
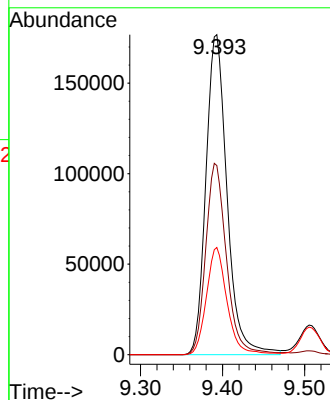
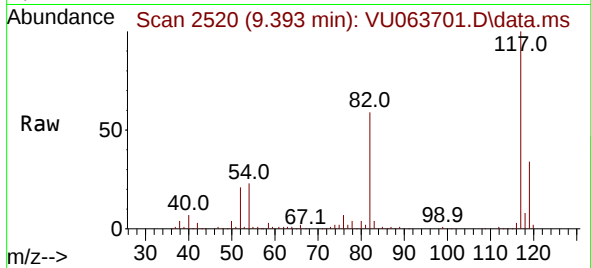




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 211
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

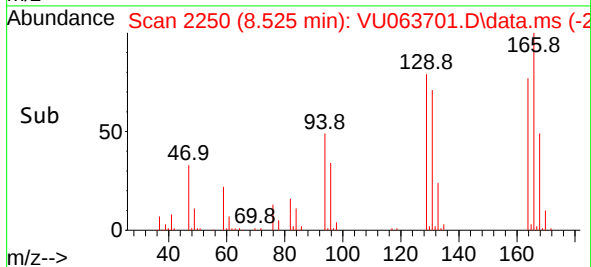
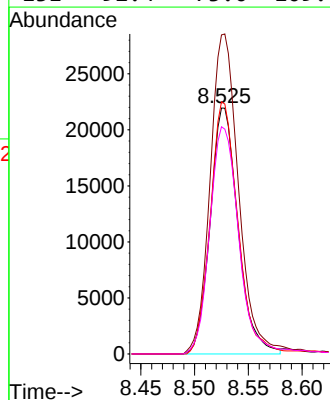
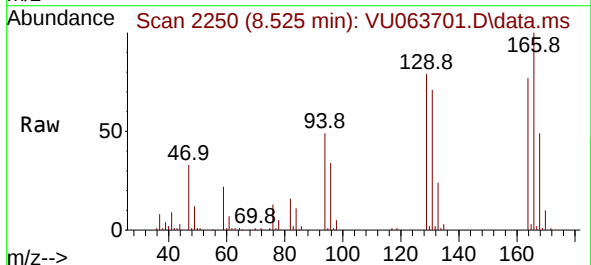
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

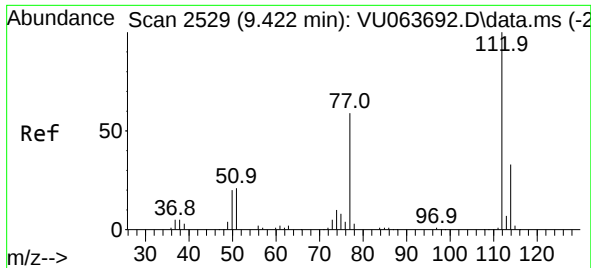
Tgt Ion:117 Resp: 317185
Ion Ratio Lower Upper
117 100
82 59.1 46.9 70.3
119 33.5 25.8 38.8



#64
Tetrachloroethene
Concen: 19.217 ug/l
RT: 8.525 min Scan# 2250
Delta R.T. -0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion:164 Resp: 39325
Ion Ratio Lower Upper
164 100
166 129.7 102.5 153.7
129 102.6 77.1 115.7
131 92.4 73.0 109.6

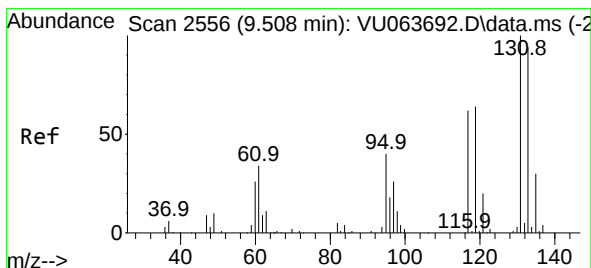
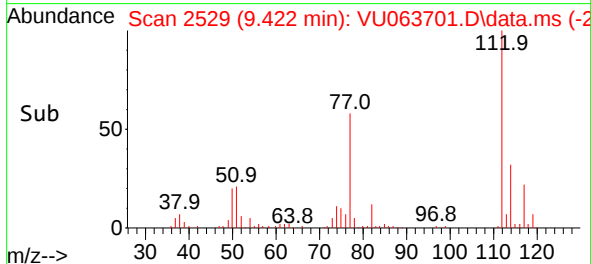
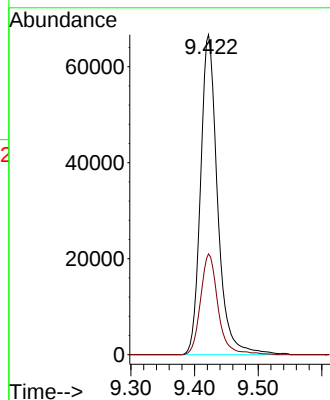
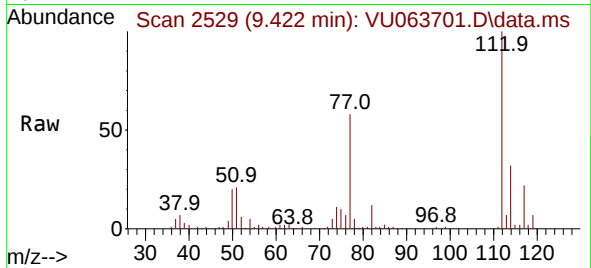




#65
Chlorobenzene
Concen: 20.004 ug/l
RT: 9.422 min Scan# 2529
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

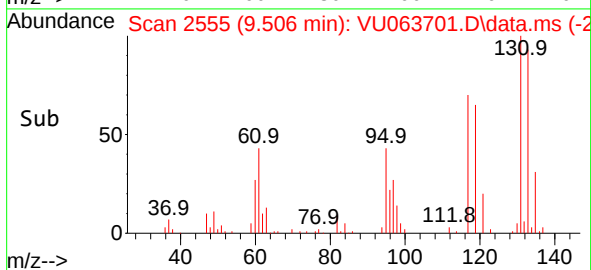
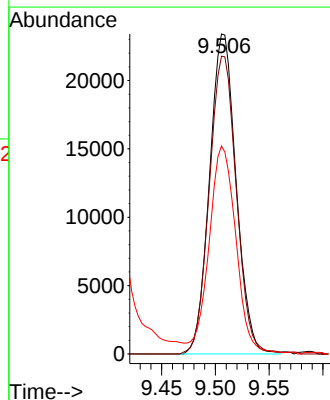
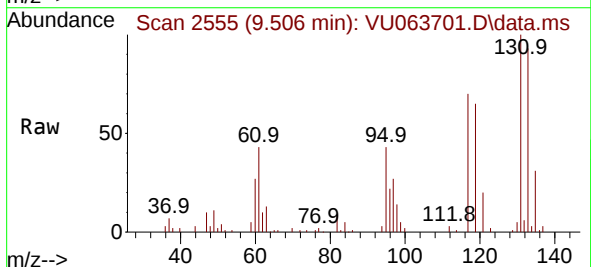
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

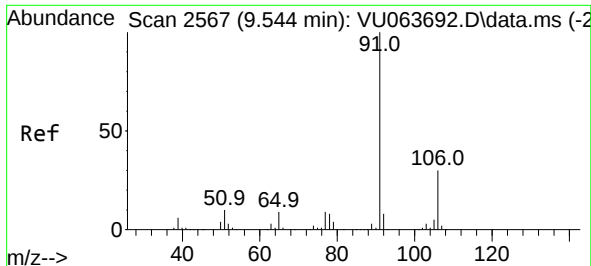
Tgt Ion:112 Resp: 123982
Ion Ratio Lower Upper
112 100
114 31.5 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 19.039 ug/l
RT: 9.506 min Scan# 2555
Delta R.T. -0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion:131 Resp: 40134
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.5
119 64.6 33.3 99.8





#67

Ethyl Benzene

Concen: 20.015 ug/l

RT: 9.544 min Scan# 2

Delta R.T. 0.000 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

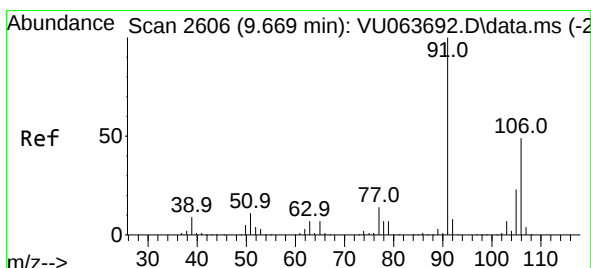
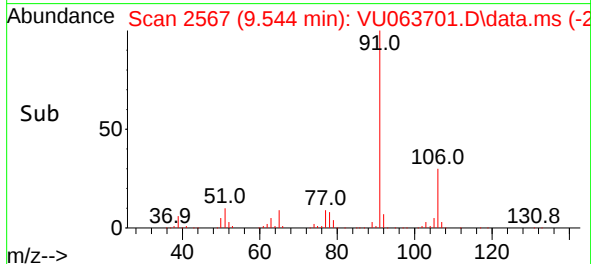
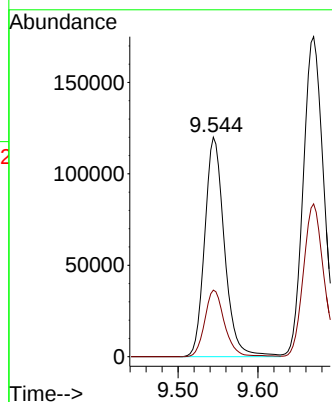
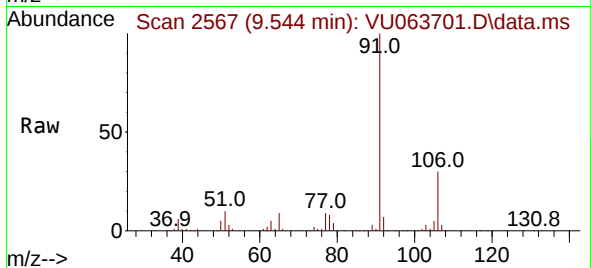
VU1111WBS01

Tgt Ion: 91 Resp: 206614

Ion Ratio Lower Upper

91 100

106 30.3 23.8 35.8



#68

m/p-Xylenes

Concen: 39.881 ug/l

RT: 9.669 min Scan# 2606

Delta R.T. 0.000 min

Lab File: VU063701.D

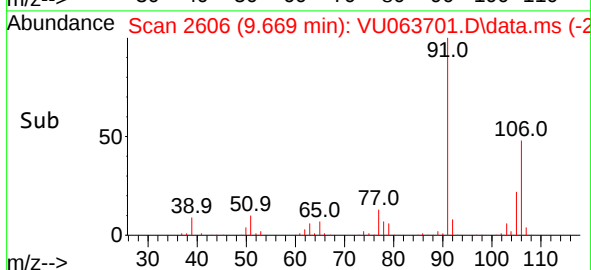
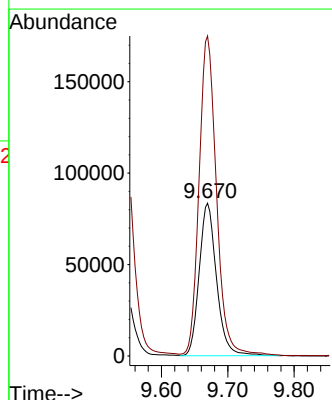
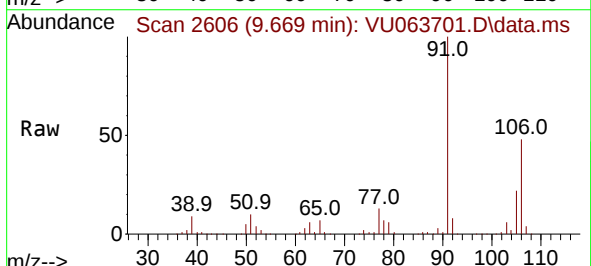
Acq: 11 Nov 2025 12:34

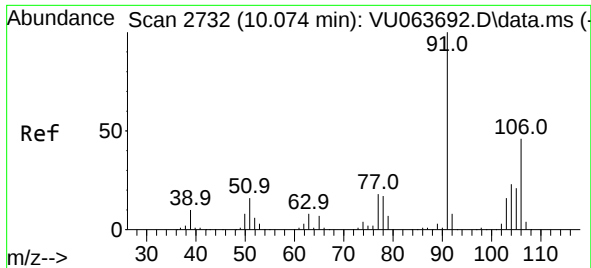
Tgt Ion:106 Resp: 151962

Ion Ratio Lower Upper

106 100

91 210.3 165.7 248.5

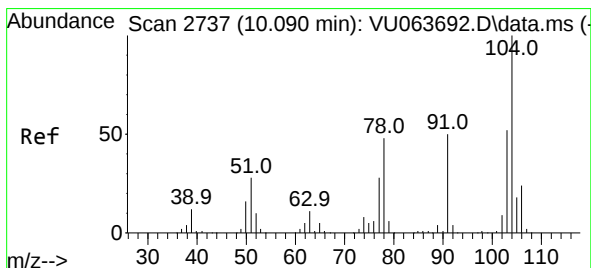
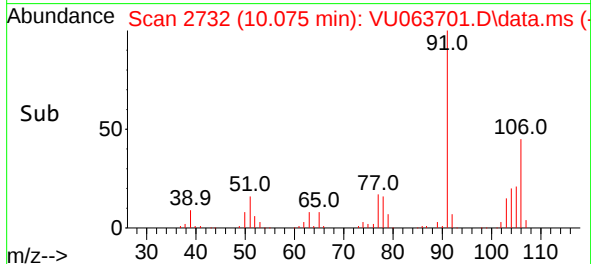
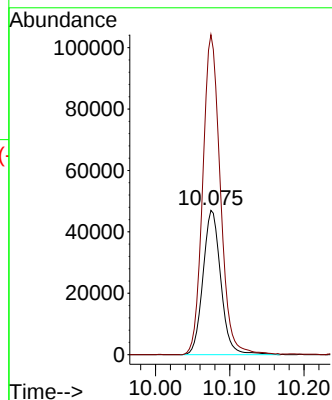
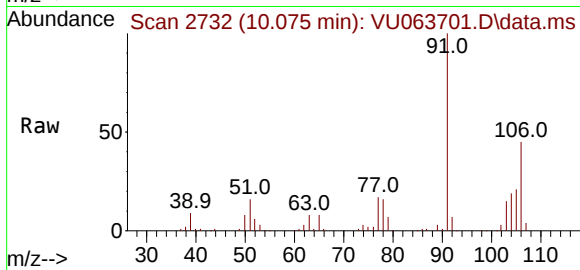




#69
o-Xylene
Concen: 19.908 ug/l
RT: 10.075 min Scan# 2732
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

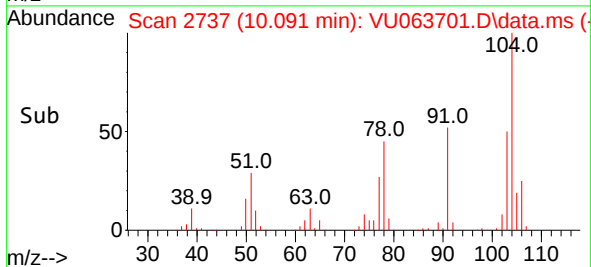
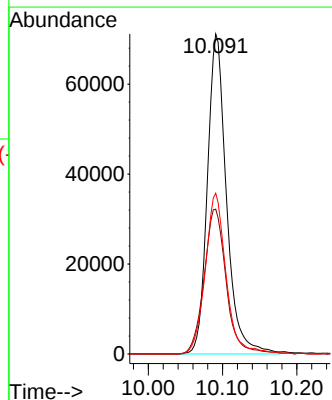
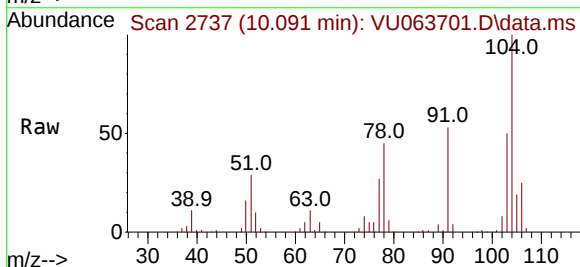
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

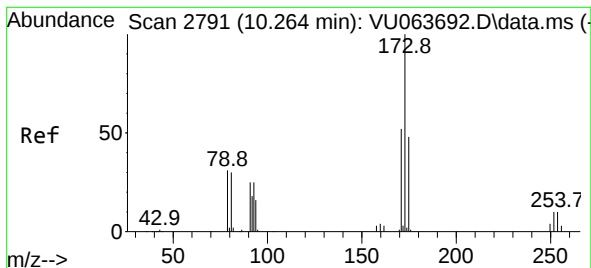
Tgt Ion:106 Resp: 78277
Ion Ratio Lower Upper
106 100
91 219.5 108.7 325.9



#70
Styrene
Concen: 20.089 ug/l
RT: 10.091 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion:104 Resp: 126878
Ion Ratio Lower Upper
104 100
78 52.5 42.7 64.1
103 55.0 44.0 66.0





#71

Bromoform

Concen: 18.161 ug/l

RT: 10.264 min Scan# 2791

Delta R.T. 0.000 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

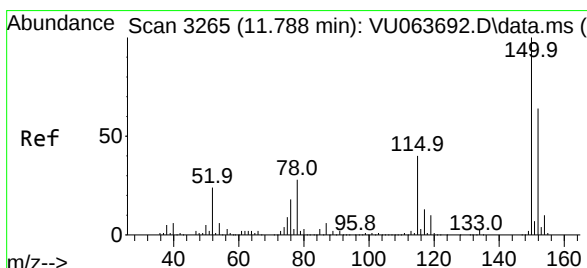
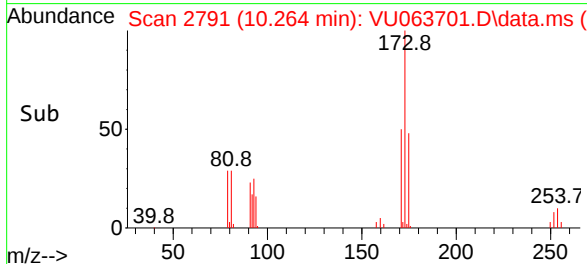
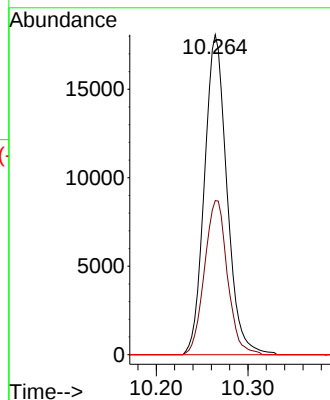
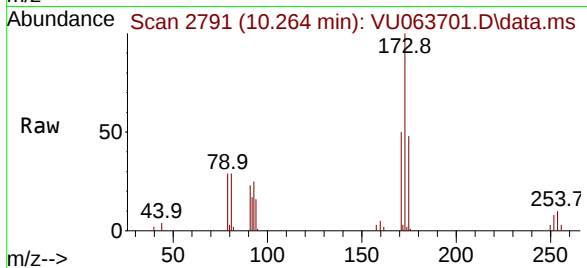
Tgt Ion:173 Resp: 30828

Ion Ratio Lower Upper

173 100

175 49.2 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.788 min Scan# 3265

Delta R.T. 0.000 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

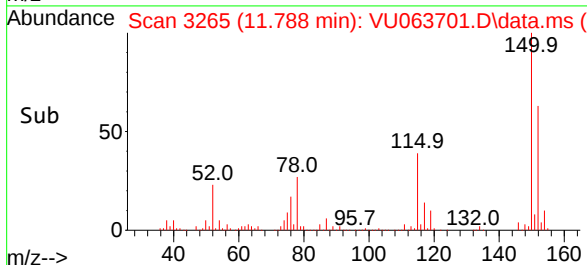
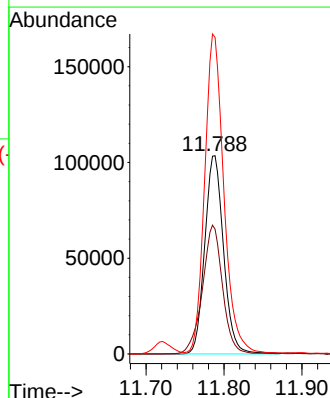
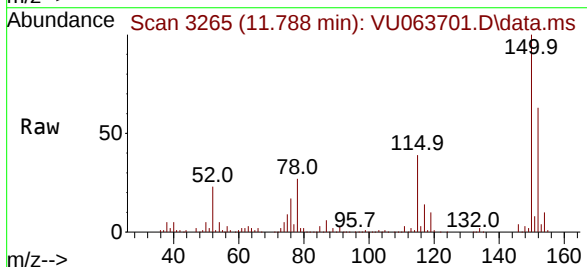
Tgt Ion:152 Resp: 174015

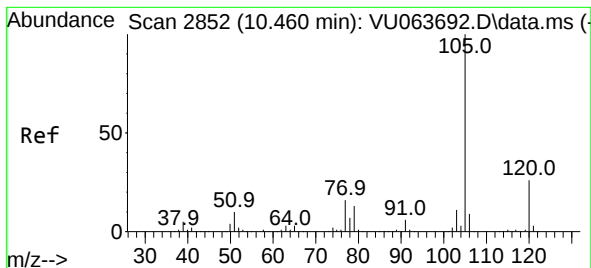
Ion Ratio Lower Upper

152 100

115 69.5 41.0 123.0

150 163.4 0.0 342.2





#73

Isopropylbenzene

Concen: 19.190 ug/l

RT: 10.457 min Scan# 2851

Delta R.T. -0.003 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

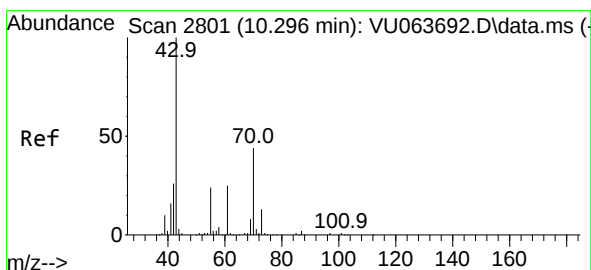
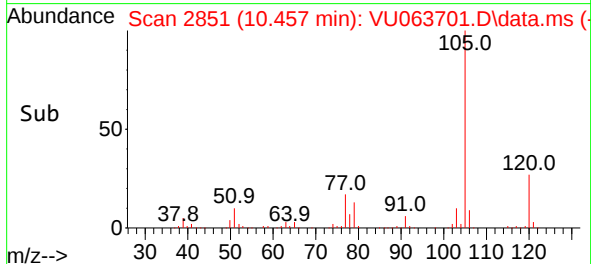
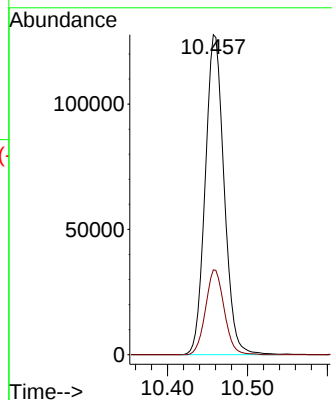
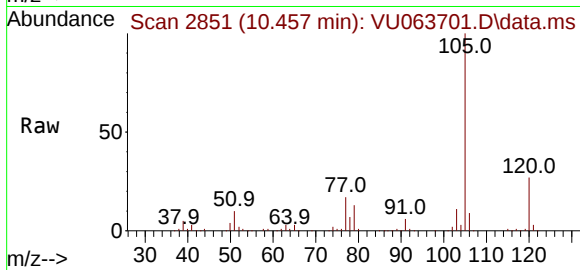
VU1111WBS01

Tgt Ion:105 Resp: 209796

Ion Ratio Lower Upper

105 100

120 26.2 13.0 38.9



#74

N-ethyl acetate

Concen: 16.687 ug/l

RT: 10.303 min Scan# 2803

Delta R.T. 0.007 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

Tgt Ion: 43 Resp: 63563

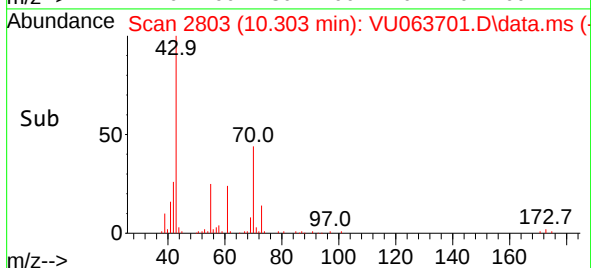
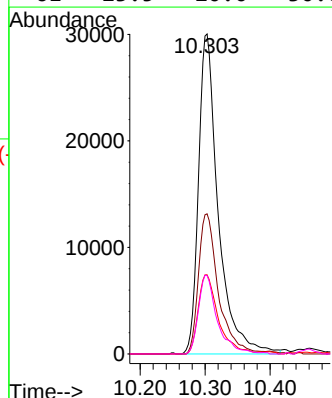
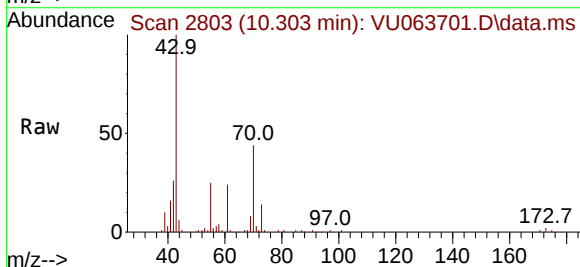
Ion Ratio Lower Upper

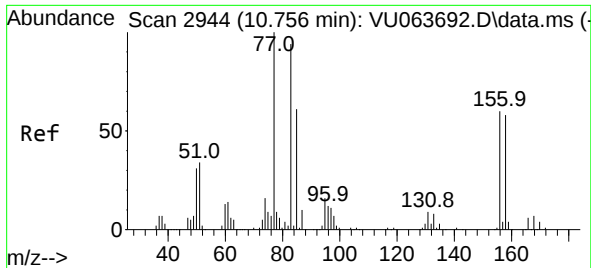
43 100

70 44.4 36.5 54.7

55 25.2 20.6 30.8

61 23.5 20.0 30.0

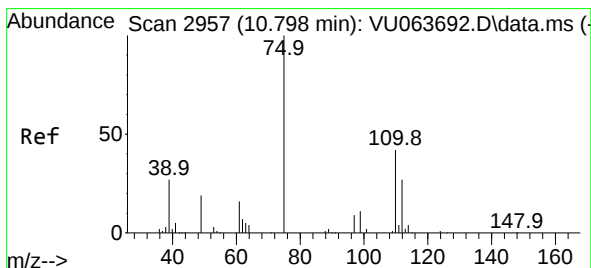
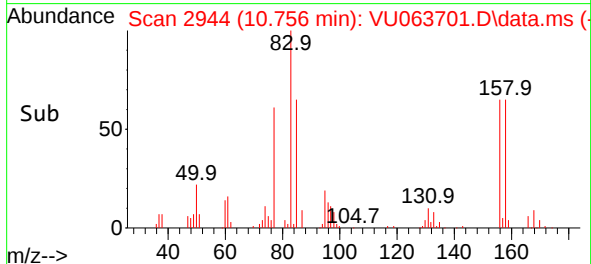
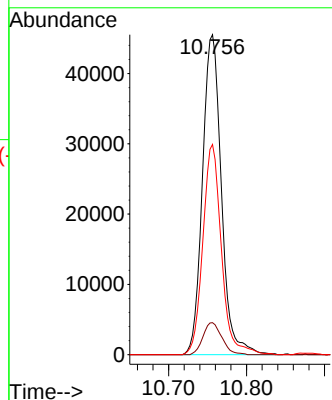
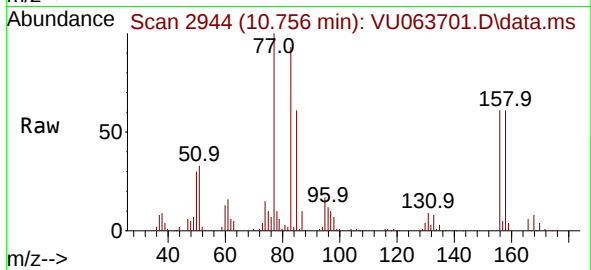




#75
1,1,2,2-Tetrachloroethane
Concen: 18.319 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

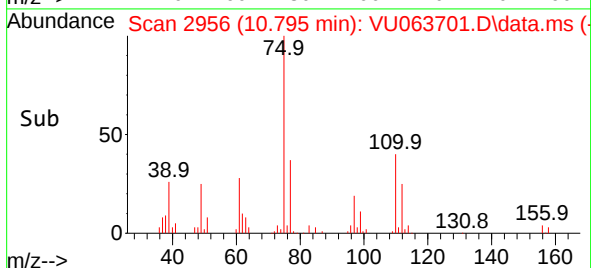
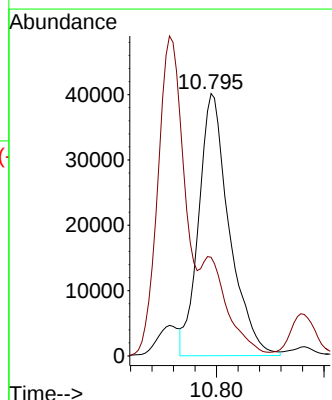
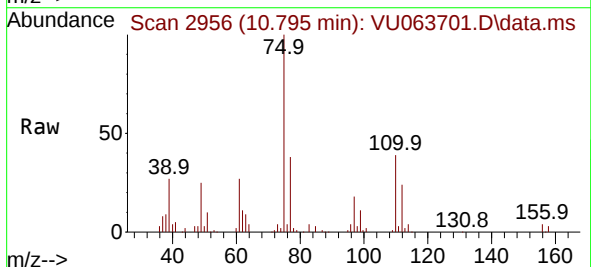
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

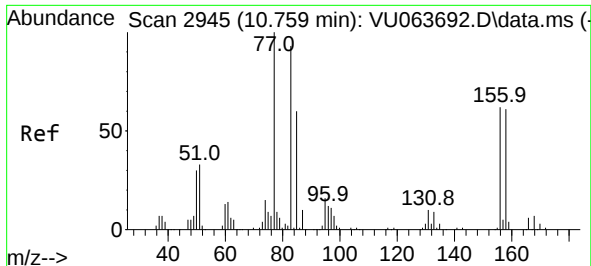
Tgt Ion: 83 Resp: 76910
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 64.5 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 18.033 ug/l
RT: 10.795 min Scan# 2956
Delta R.T. -0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 75 Resp: 79077
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

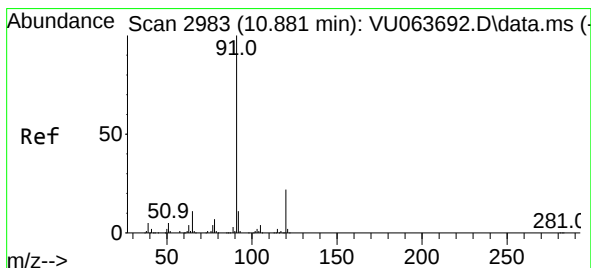
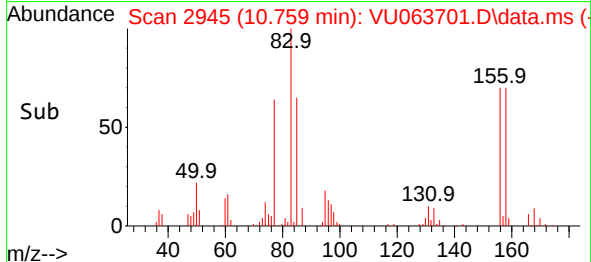
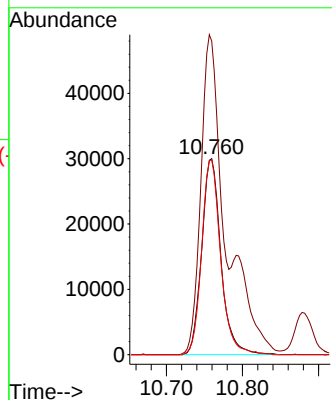
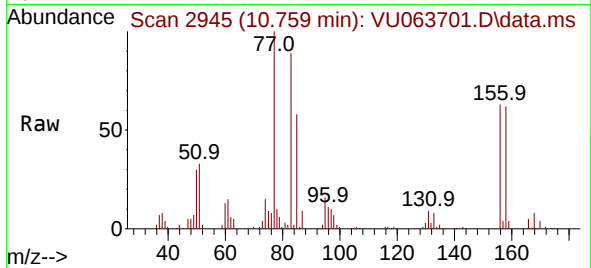




#77
Bromobenzene
Concen: 19.146 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

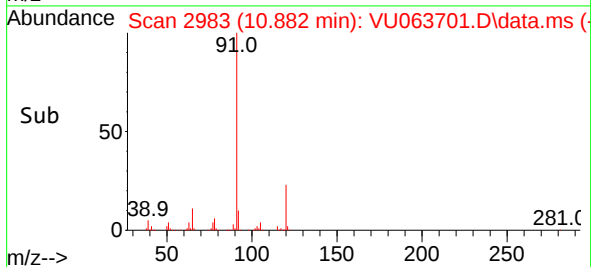
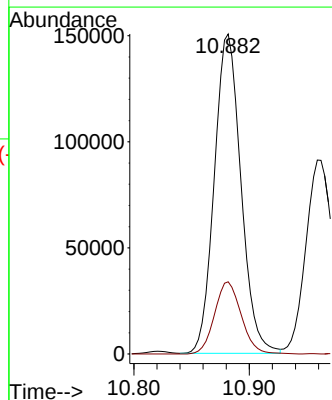
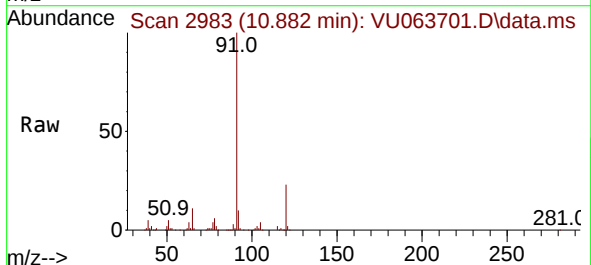
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

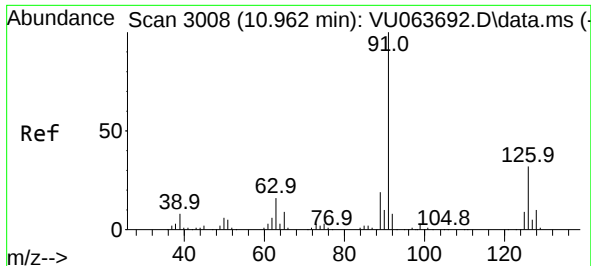
Tgt Ion:156 Resp: 52663
Ion Ratio Lower Upper
156 100
77 161.3 81.4 244.2
158 98.2 48.8 146.3



#78
n-propylbenzene
Concen: 19.253 ug/l
RT: 10.882 min Scan# 2983
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 91 Resp: 241457
Ion Ratio Lower Upper
91 100
120 22.6 11.2 33.6

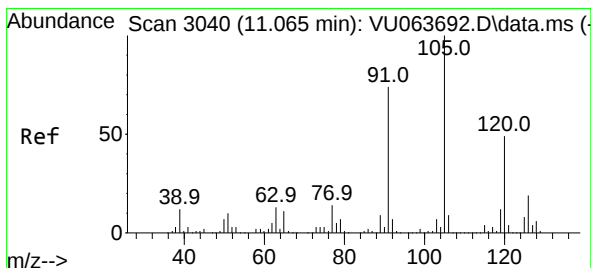
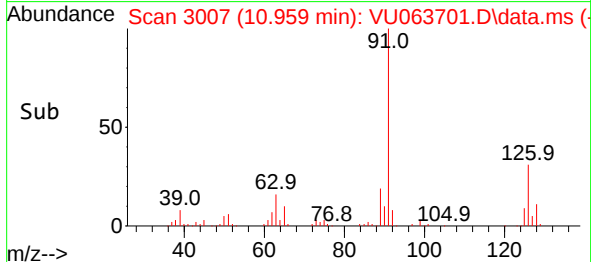
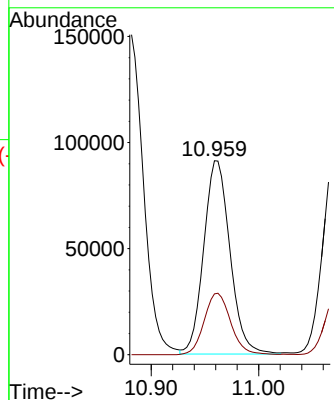
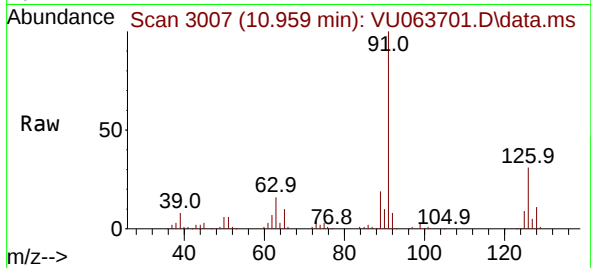




#79
2-Chlorotoluene
Concen: 19.093 ug/l
RT: 10.959 min Scan# 3007
Delta R.T. -0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

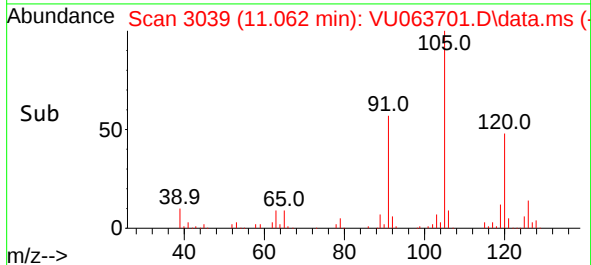
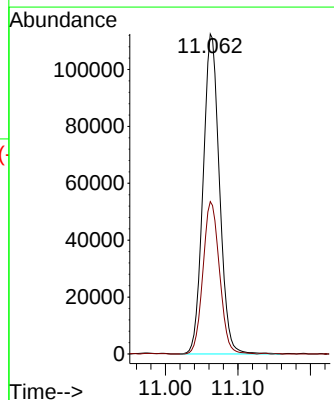
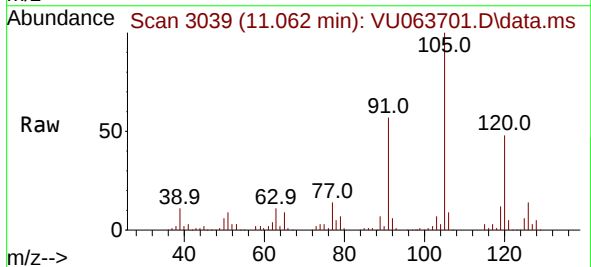
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

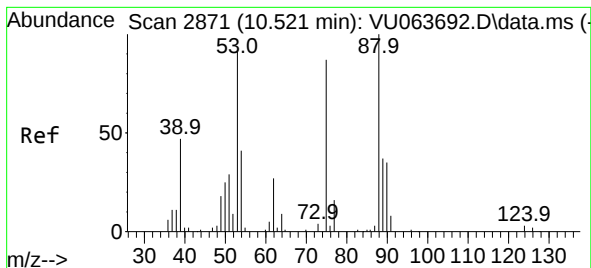
Tgt Ion: 91 Resp: 154776
Ion Ratio Lower Upper
91 100
126 32.0 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 19.244 ug/l
RT: 11.062 min Scan# 3039
Delta R.T. -0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion:105 Resp: 176411
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.2

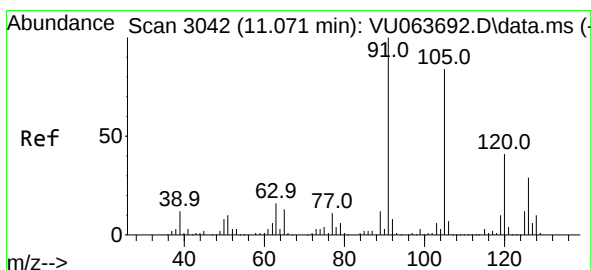
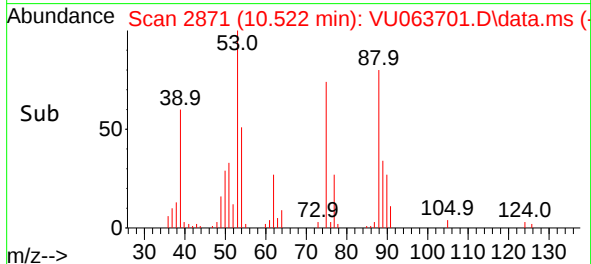
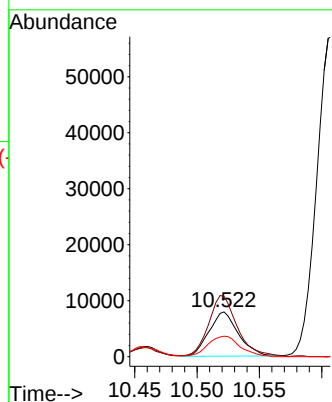
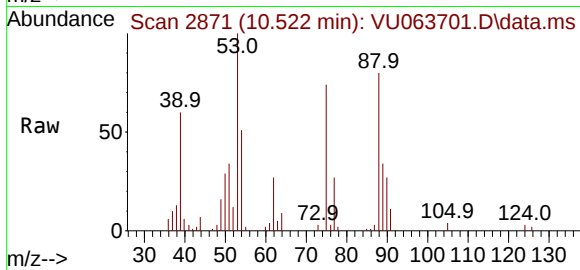




#81
trans-1,4-Dichloro-2-butene
Concen: 15.782 ug/l
RT: 10.522 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

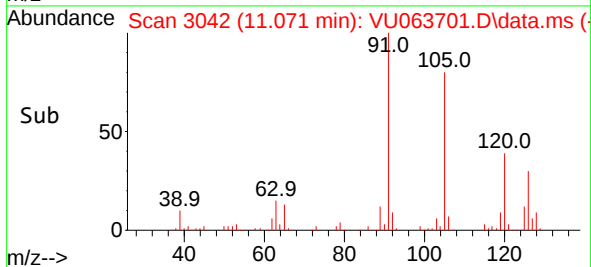
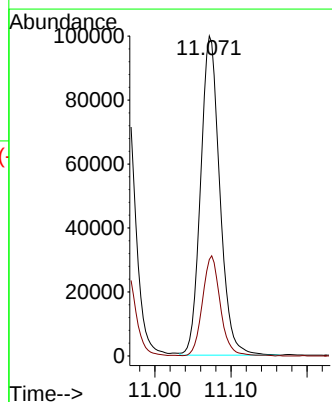
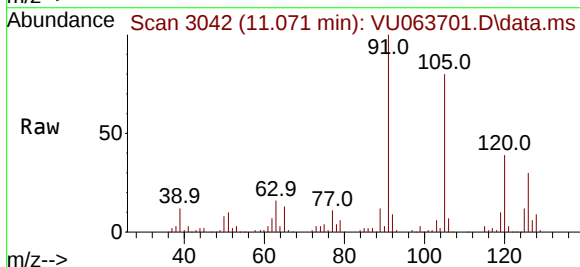
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

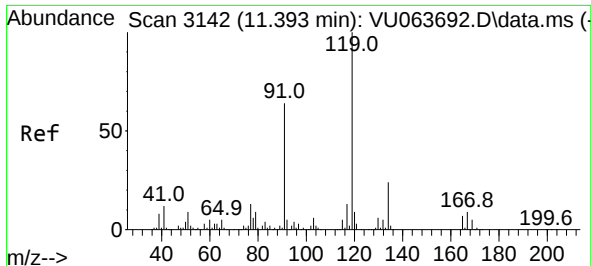
Tgt Ion: 75 Resp: 12991
Ion Ratio Lower Upper
75 100
53 135.0 86.5 129.7#
89 50.6 35.2 52.8



#82
4-Chlorotoluene
Concen: 18.914 ug/l
RT: 11.071 min Scan# 3042
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion: 91 Resp: 174234
Ion Ratio Lower Upper
91 100
126 29.5 14.2 42.8

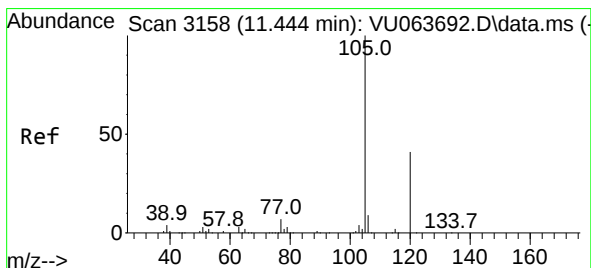
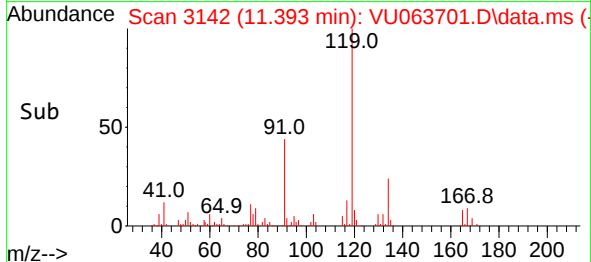
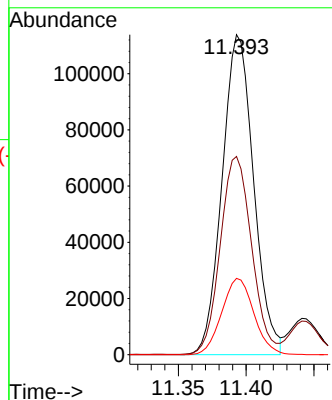
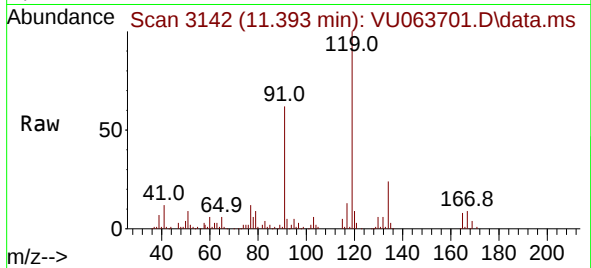




#83
 tert-Butylbenzene
 Concen: 19.286 ug/l
 RT: 11.393 min Scan# 3142
 Delta R.T. 0.000 min
 Lab File: VU063701.D
 Acq: 11 Nov 2025 12:34

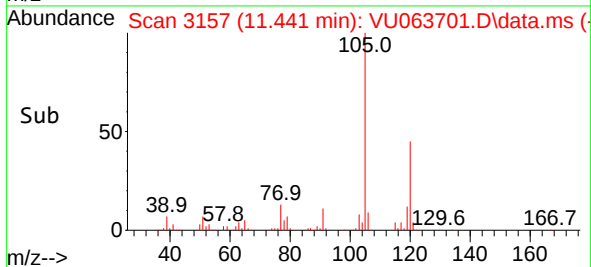
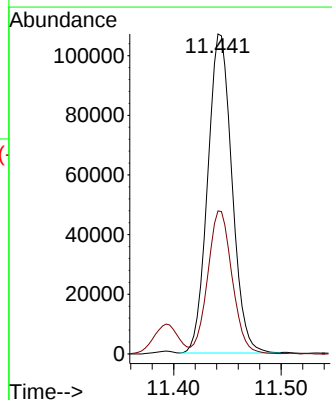
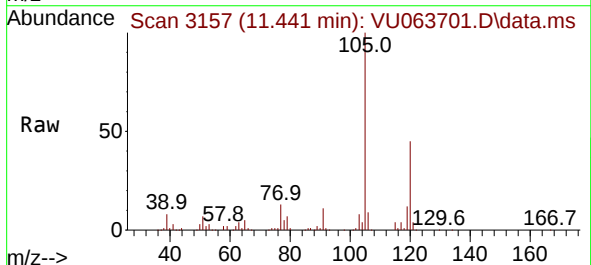
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBS01

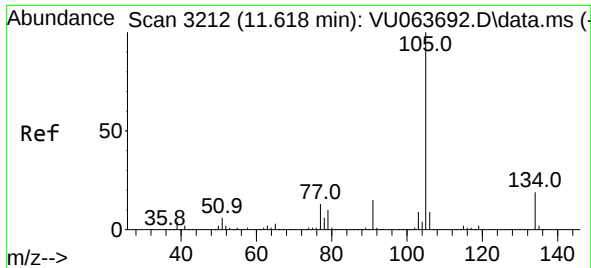
Tgt Ion:119 Resp: 184159
 Ion Ratio Lower Upper
 119 100
 91 61.7 30.8 92.3
 134 24.3 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.646 ug/l
 RT: 11.441 min Scan# 3157
 Delta R.T. -0.003 min
 Lab File: VU063701.D
 Acq: 11 Nov 2025 12:34

Tgt Ion:105 Resp: 167736
 Ion Ratio Lower Upper
 105 100
 120 44.9 22.4 67.3

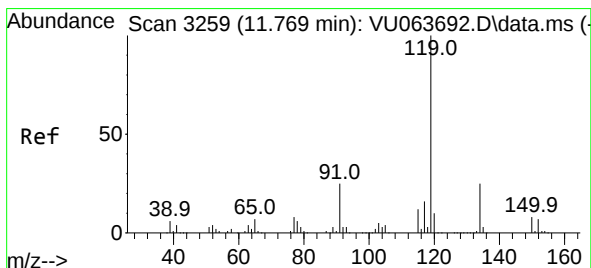
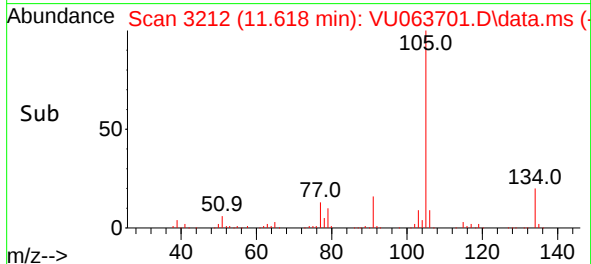
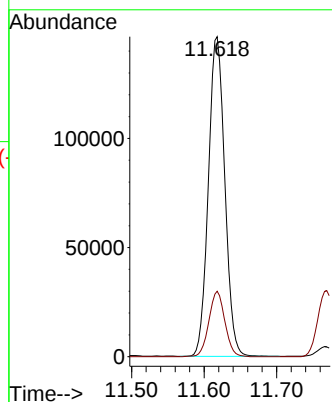
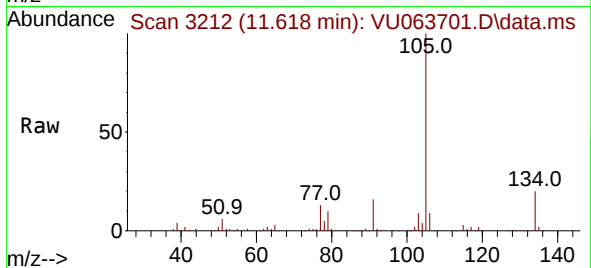




#85
sec-Butylbenzene
Concen: 19.110 ug/l
RT: 11.618 min Scan# 3212
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

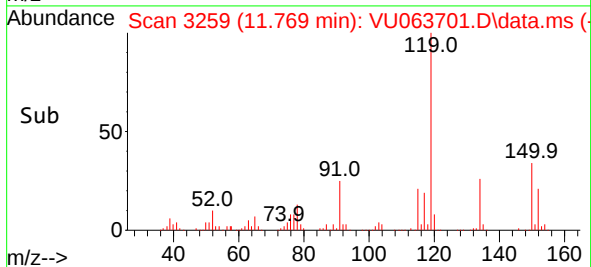
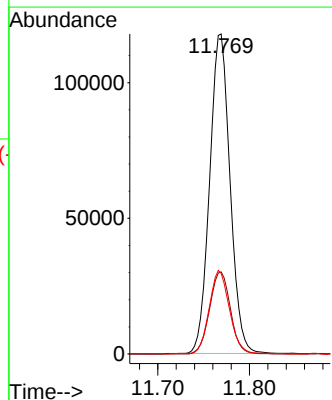
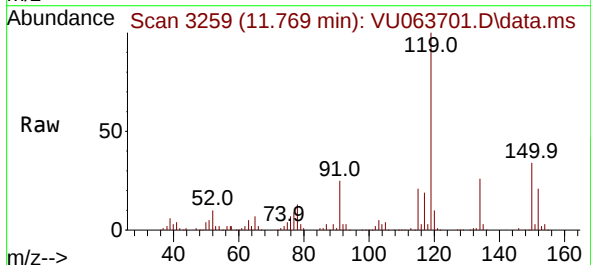
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

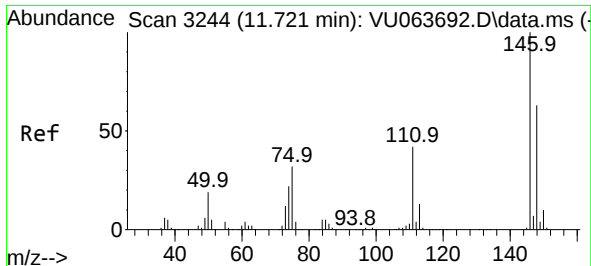
Tgt Ion:105 Resp: 230505
Ion Ratio Lower Upper
105 100
134 19.9 9.8 29.4



#86
p-Isopropyltoluene
Concen: 18.794 ug/l
RT: 11.769 min Scan# 3259
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion:119 Resp: 181978
Ion Ratio Lower Upper
119 100
134 26.1 12.6 37.6
91 26.2 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 19.437 ug/l

RT: 11.721 min Scan# 3244

Delta R.T. 0.000 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

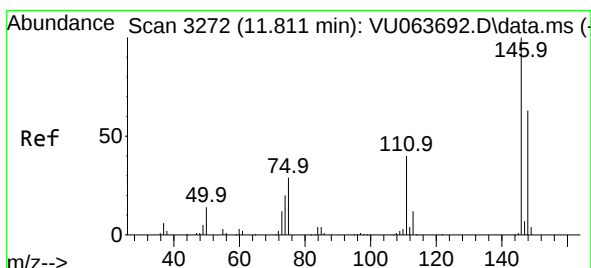
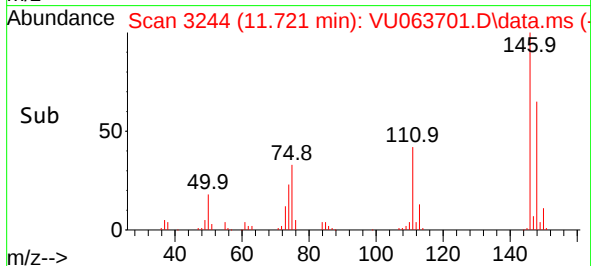
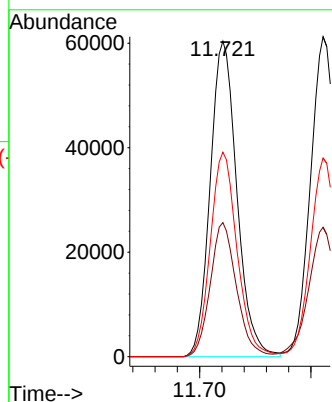
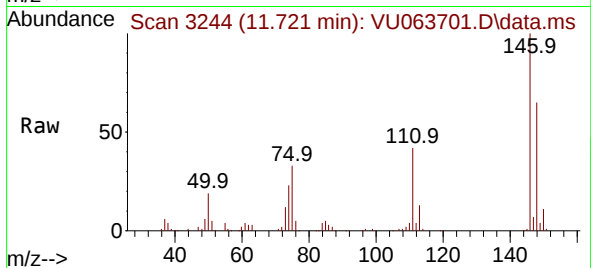
Tgt Ion:146 Resp: 100449

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.8

148 65.2 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 19.072 ug/l

RT: 11.811 min Scan# 3272

Delta R.T. 0.000 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

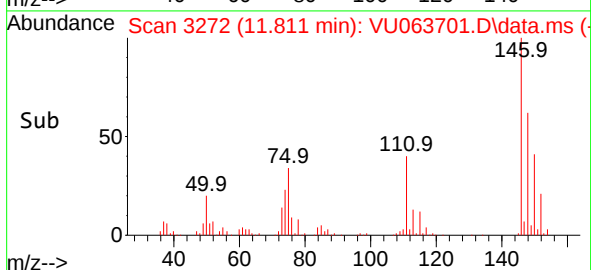
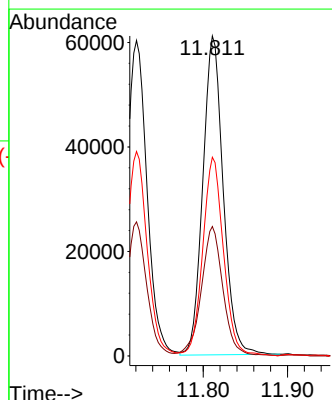
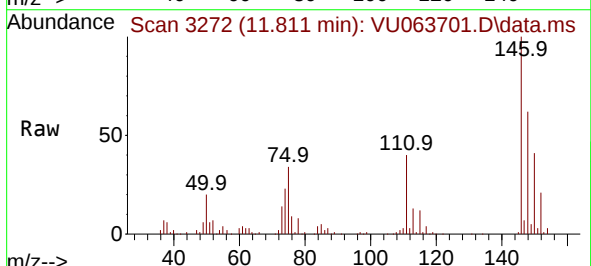
Tgt Ion:146 Resp: 103117

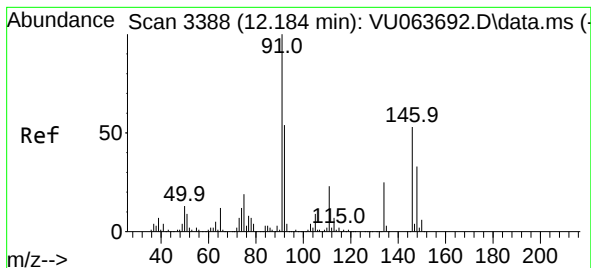
Ion Ratio Lower Upper

146 100

111 42.6 20.4 61.3

148 63.6 31.4 94.3





#89

n-Butylbenzene

Concen: 17.741 ug/l

RT: 12.184 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

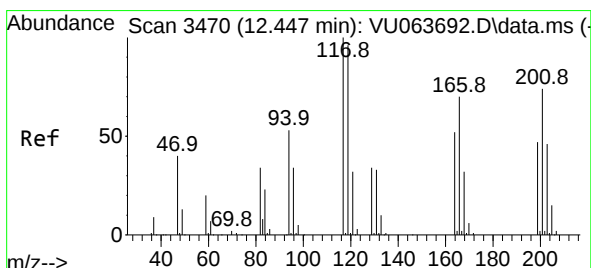
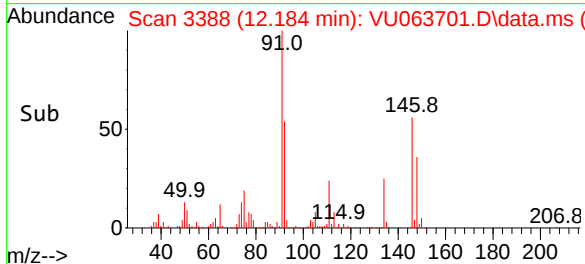
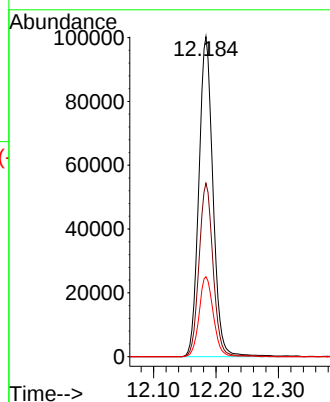
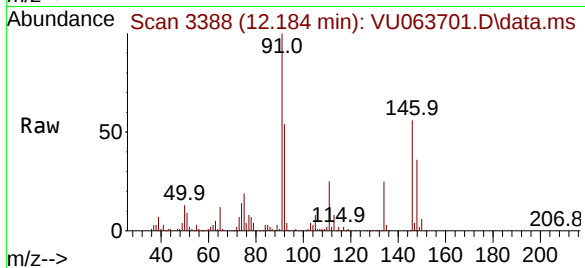
Tgt Ion: 91 Resp: 157771

Ion Ratio Lower Upper

91 100

92 53.8 27.0 81.0

134 25.1 12.4 37.4



#90

Hexachloroethane

Concen: 16.998 ug/l

RT: 12.448 min Scan# 3470

Delta R.T. 0.000 min

Lab File: VU063701.D

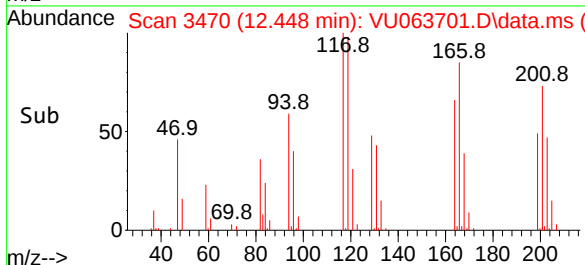
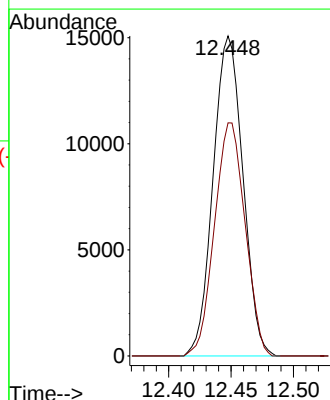
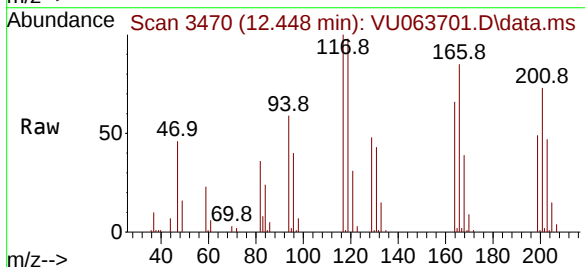
Acq: 11 Nov 2025 12:34

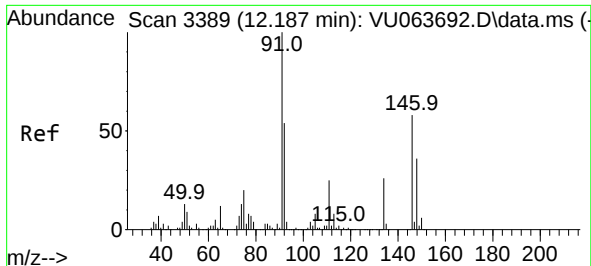
Tgt Ion: 117 Resp: 25110

Ion Ratio Lower Upper

117 100

201 74.7 36.6 109.8

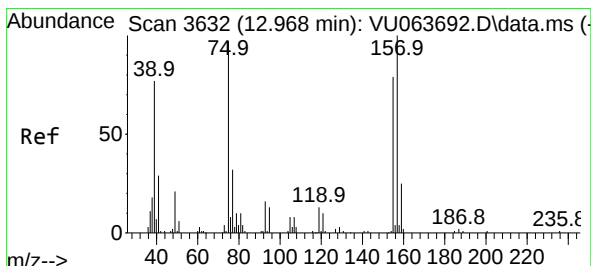
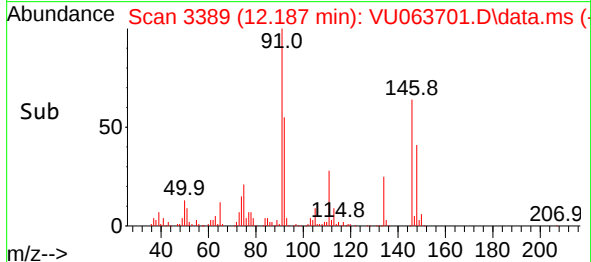
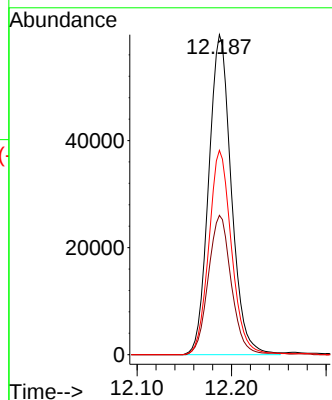
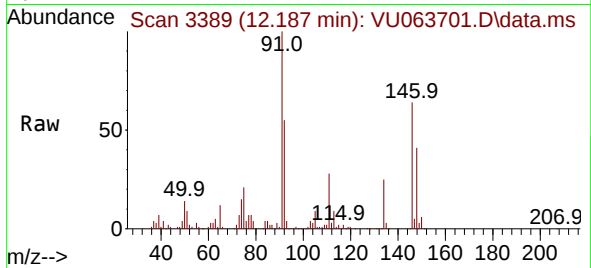




#91
 1,2-Dichlorobenzene
 Concen: 19.256 ug/l
 RT: 12.187 min Scan# 3389
 Delta R.T. 0.000 min
 Lab File: VU063701.D
 Acq: 11 Nov 2025 12:34

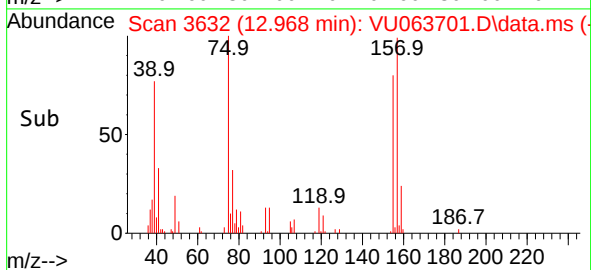
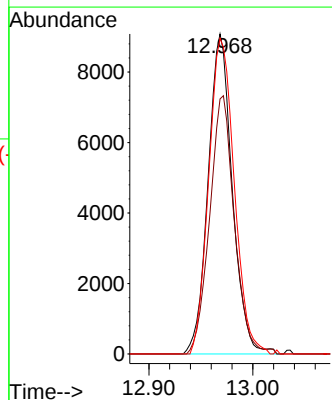
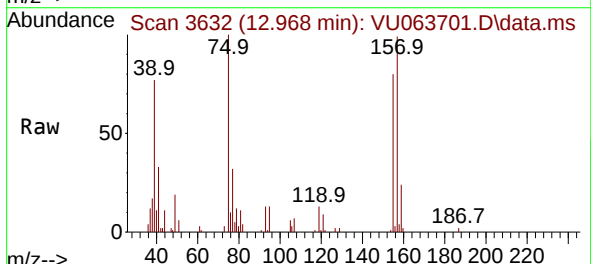
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBS01

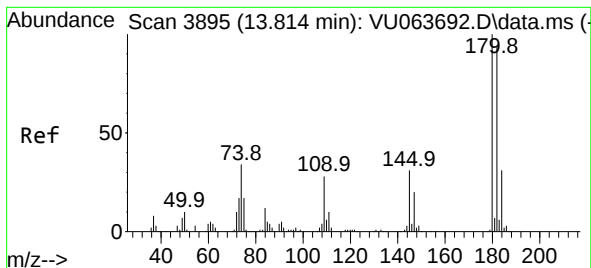
Tgt Ion:146 Resp: 99353
 Ion Ratio Lower Upper
 146 100
 111 44.1 21.8 65.3
 148 64.2 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.047 ug/l
 RT: 12.968 min Scan# 3632
 Delta R.T. 0.000 min
 Lab File: VU063701.D
 Acq: 11 Nov 2025 12:34

Tgt Ion: 75 Resp: 14665
 Ion Ratio Lower Upper
 75 100
 155 82.4 40.5 121.4
 157 104.3 50.4 151.3





#93

1,2,4-Trichlorobenzene

Concen: 17.028 ug/l

RT: 13.814 min Scan# 3895

Delta R.T. 0.000 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBS01

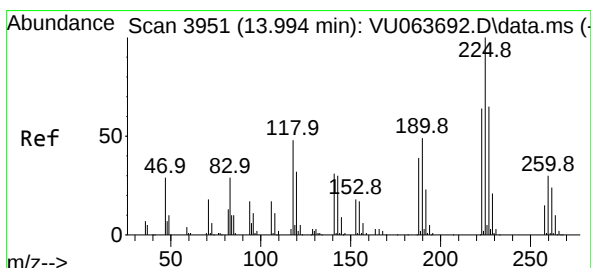
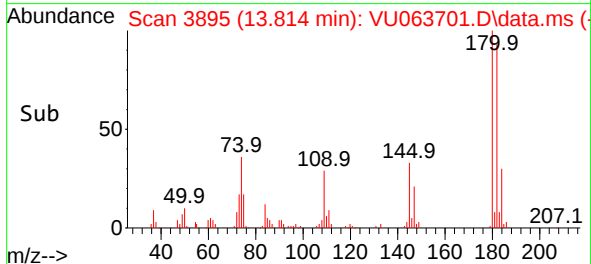
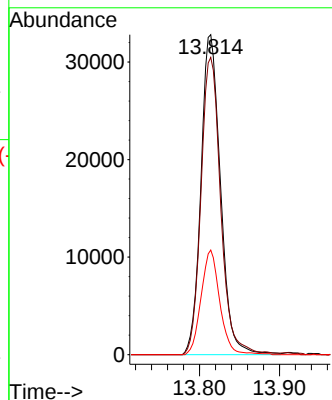
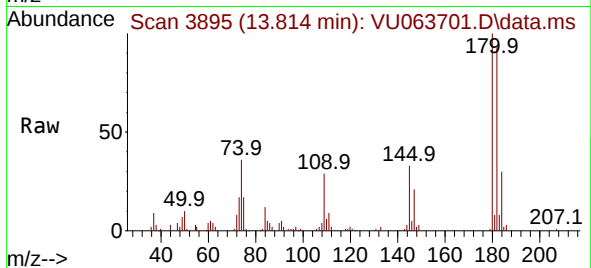
Tgt Ion:180 Resp: 56013

Ion Ratio Lower Upper

180 100

182 93.6 47.6 142.9

145 31.2 15.9 47.6



#94

Hexachlorobutadiene

Concen: 18.290 ug/l

RT: 13.991 min Scan# 3950

Delta R.T. -0.003 min

Lab File: VU063701.D

Acq: 11 Nov 2025 12:34

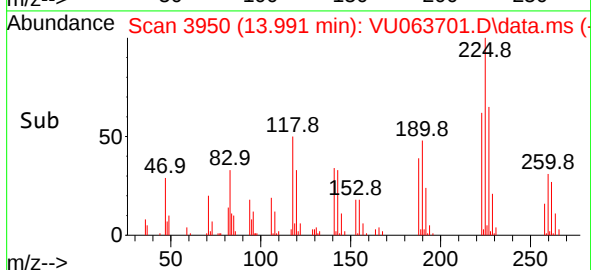
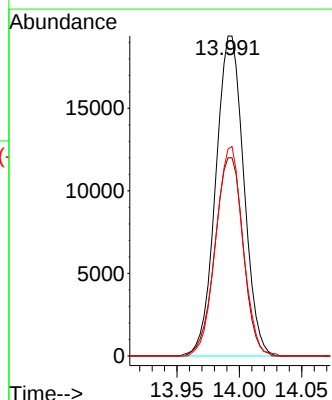
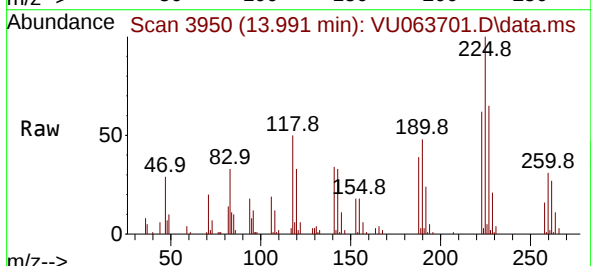
Tgt Ion:225 Resp: 30315

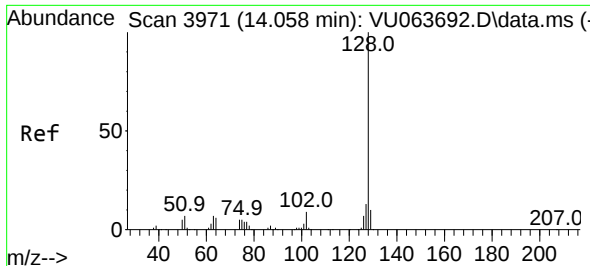
Ion Ratio Lower Upper

225 100

223 62.5 31.6 94.8

227 63.2 32.4 97.0

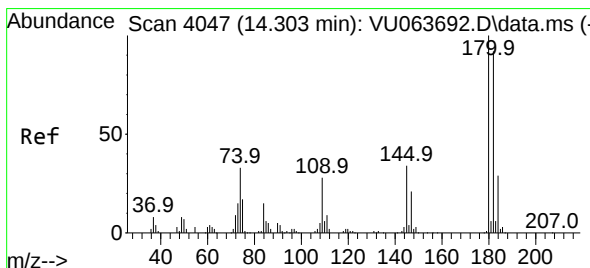
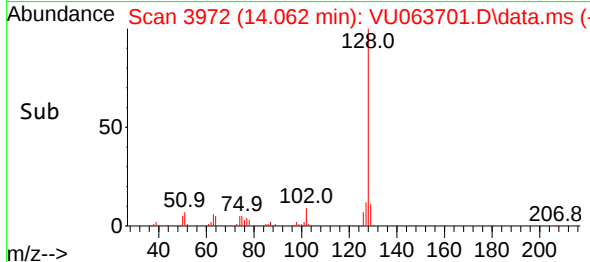
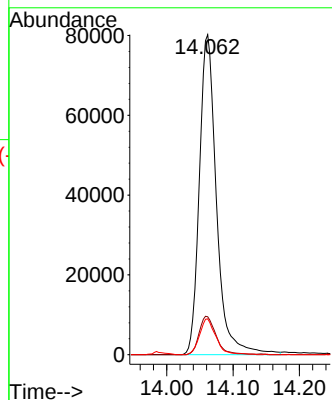
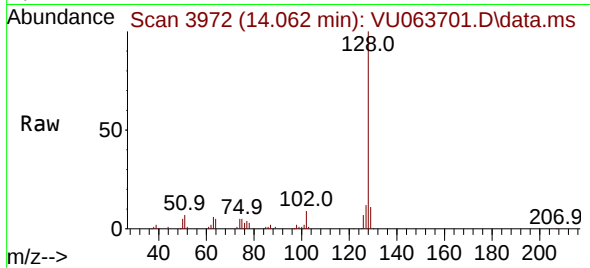




#95
Naphthalene
Concen: 16.179 ug/l
RT: 14.062 min Scan# 3971
Delta R.T. 0.003 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBS01

Tgt Ion:128 Resp: 144172
Ion Ratio Lower Upper
128 100
127 11.9 9.9 14.9
129 10.6 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 17.011 ug/l
RT: 14.303 min Scan# 4047
Delta R.T. 0.000 min
Lab File: VU063701.D
Acq: 11 Nov 2025 12:34

Tgt Ion:180 Resp: 52025
Ion Ratio Lower Upper
180 100
182 98.4 47.3 142.0
145 32.7 16.6 49.7

