

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111125\
 Data File : VU063702.D
 Acq On : 11 Nov 2025 12:58
 Operator : MD/SY
 Sample : VU1111WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBSD01

Quant Time: Nov 12 02:11:49 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	5.341	168	182829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	305774	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.389	117	288060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	154810	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.669	65	135231	50.070	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 100.140%	
35) Dibromofluoromethane	5.258	113	106547	49.750	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.500%	
50) Toluene-d8	7.872	98	370421	48.145	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.280%	
62) 4-Bromofluorobenzene	10.608	95	158501	49.801	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.600%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.374	85	20027	18.138	ug/l	97
3) Chloromethane	1.509	50	20645	18.774	ug/l	99
4) Vinyl Chloride	1.589	62	25215	18.567	ug/l	98
5) Bromomethane	1.837	94	20025	21.933	ug/l	97
6) Chloroethane	1.914	64	18864	18.368	ug/l	98
7) Trichlorofluoromethane	2.120	101	49353	18.993	ug/l	95
8) Diethyl Ether	2.358	74	21797	19.731	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.557	101	30836	18.677	ug/l	98
10) Methyl Iodide	2.695	142	32911	19.902	ug/l	99
11) Tert butyl alcohol	3.152	59	51661	81.984	ug/l	100
12) 1,1-Dichloroethene	2.557	96	26635	18.736	ug/l	97
13) Acrolein	2.464	56	4050	86.674	ug/l	90
14) Allyl chloride	2.898	41	48953	18.463	ug/l	97
15) Acrylonitrile	3.287	53	126605	98.105	ug/l	98
16) Acetone	2.602	43	148044	96.958	ug/l	99
17) Carbon Disulfide	2.769	76	33814	18.597	ug/l	99
18) Methyl Acetate	2.924	43	91178	20.190	ug/l	98
19) Methyl tert-butyl Ether	3.335	73	125060	19.496	ug/l	100
20) Methylene Chloride	3.017	84	37060	20.954	ug/l	97
21) trans-1,2-Dichloroethene	3.329	96	28240	19.349	ug/l	91
22) Diisopropyl ether	3.956	45	114829	19.664	ug/l #	71
23) Vinyl Acetate	3.927	43	347363	87.223	ug/l	99
24) 1,1-Dichloroethane	3.833	63	65016	19.304	ug/l	97
25) 2-Butanone	4.673	43	163693	88.026	ug/l	99
26) 2,2-Dichloropropane	4.631	77	52651	18.202	ug/l	98
27) cis-1,2-Dichloroethene	4.637	96	42333	19.852	ug/l	99
28) Bromochloromethane	4.939	49	34641	25.702	ug/l	98
29) Tetrahydrofuran	5.020	42	103271	95.439	ug/l	99
30) Chloroform	5.055	83	74165	20.100	ug/l	96
31) Cyclohexane	5.354	56	45609	20.185	ug/l	95
32) 1,1,1-Trichloroethane	5.284	97	58953	19.471	ug/l	98
36) 1,1-Dichloropropene	5.499	75	39150	17.961	ug/l	97
37) Ethyl Acetate	4.779	43	51625	16.726	ug/l	98
38) Carbon Tetrachloride	5.493	117	40696	17.274	ug/l	96
39) Methylcyclohexane	6.734	83	45205	18.266	ug/l	96
40) Benzene	5.743	78	134681	19.147	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	29401	18.328	ug/l	97
42) 1,2-Dichloroethane	5.763	62	55244	19.913	ug/l	99
43) Isopropyl Acetate	5.885	43	84958	18.779	ug/l	99
44) Trichloroethene	6.515	130	36417	18.453	ug/l	97
45) 1,2-Dichloropropane	6.763	63	36729	19.208	ug/l	97
46) Dibromomethane	6.891	93	28202	19.642	ug/l	95
47) Bromodichloromethane	7.078	83	54000	18.551	ug/l	96
48) Methyl methacrylate	6.936	41	41403	18.645	ug/l	98
49) 1,4-Dioxane	6.939	88	21639	367.810	ug/l	99
51) 4-Methyl-2-Pentanone	7.763	43	330865	95.573	ug/l	100
52) Toluene	7.943	92	88196	19.320	ug/l	99
53) t-1,3-Dichloropropene	8.184	75	42664	17.405	ug/l	96
54) cis-1,3-Dichloropropene	7.582	75	48905	17.801	ug/l	98
55) 1,1,2-Trichloroethane	8.373	97	42125	20.109	ug/l	97
56) Ethyl methacrylate	8.309	69	58368	18.883	ug/l	98
57) 1,3-Dichloropropane	8.547	76	66465	19.448	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.451	63	971	26.124	ug/l #	71
59) 2-Hexanone	8.660	43	244957	95.001	ug/l	98
60) Dibromochloromethane	8.782	129	40517	18.466	ug/l	100
61) 1,2-Dibromoethane	8.898	107	41098	20.360	ug/l	100
64) Tetrachloroethene	8.528	164	35439	19.069	ug/l	98
65) Chlorobenzene	9.422	112	112495	19.986	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.508	131	36033	18.822	ug/l	98
67) Ethyl Benzene	9.544	91	180950	19.301	ug/l	99
68) m/p-Xylenes	9.669	106	133921	38.700	ug/l	99
69) o-Xylene	10.074	106	68477	19.177	ug/l	95
70) Styrene	10.090	104	114771	20.010	ug/l	98
71) Bromoform	10.264	173	27439	17.799	ug/l #	99
73) Isopropylbenzene	10.457	105	186771	19.203	ug/l	100
74) N-amyl acetate	10.303	43	60772	17.934	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.756	83	69471	18.600	ug/l	97
76) 1,2,3-Trichloropropane	10.795	75	71981	18.451	ug/l #	100
77) Bromobenzene	10.756	156	48321	19.746	ug/l	97
78) n-propylbenzene	10.881	91	214893	19.260	ug/l	100
79) 2-Chlorotoluene	10.962	91	135246	18.753	ug/l	99
80) 1,3,5-Trimethylbenzene	11.061	105	156178	19.150	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.521	75	11560	15.786	ug/l	86
82) 4-Chlorotoluene	11.071	91	155730	19.003	ug/l	99
83) tert-Butylbenzene	11.393	119	160585	18.904	ug/l	99
84) 1,2,4-Trimethylbenzene	11.441	105	150529	18.809	ug/l	99
85) sec-Butylbenzene	11.618	105	202965	18.914	ug/l	100
86) p-Isopropyltoluene	11.766	119	164276	19.070	ug/l	99
87) 1,3-Dichlorobenzene	11.721	146	90404	19.664	ug/l	99
88) 1,4-Dichlorobenzene	11.811	146	92263	19.182	ug/l	98
89) n-Butylbenzene	12.184	91	148233	18.737	ug/l	99
90) Hexachloroethane	12.447	117	22816	17.361	ug/l	94
91) 1,2-Dichlorobenzene	12.187	146	89354	19.466	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.968	75	13342	17.433	ug/l	98
93) 1,2,4-Trichlorobenzene	13.814	180	55727	19.043	ug/l	97
94) Hexachlorobutadiene	13.991	225	27192	18.441	ug/l	97
95) Naphthalene	14.058	128	159800	20.157	ug/l	99
96) 1,2,3-Trichlorobenzene	14.302	180	52368	19.248	ug/l	98

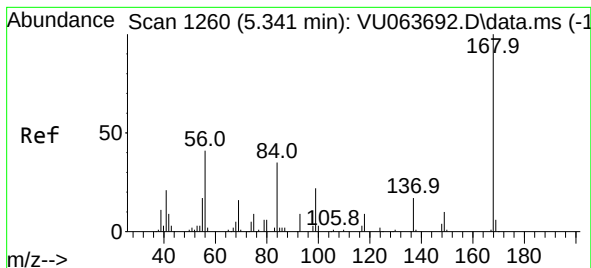
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Data File : VU063702.D
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ClientSampleId :
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Response via : Initial Calibration

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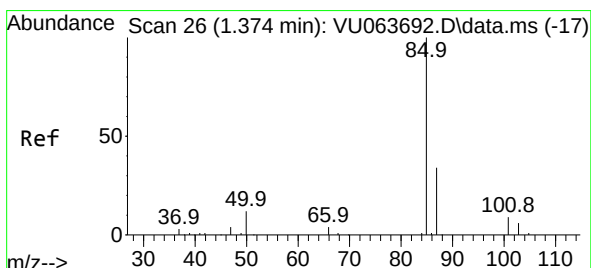
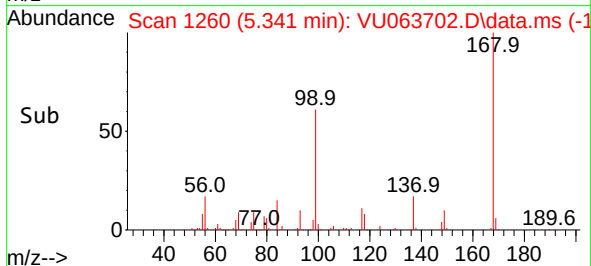
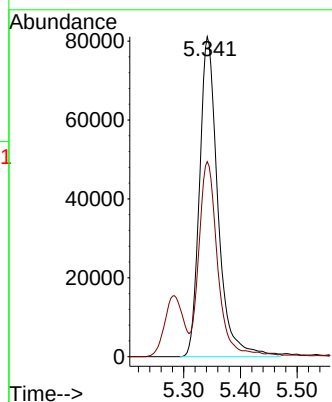
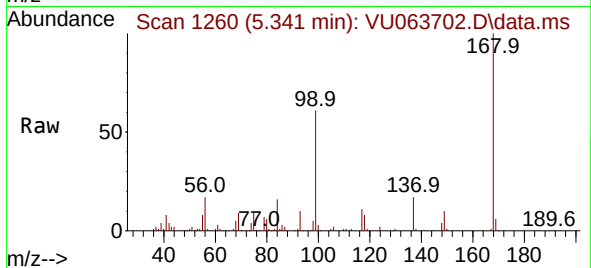
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.341 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

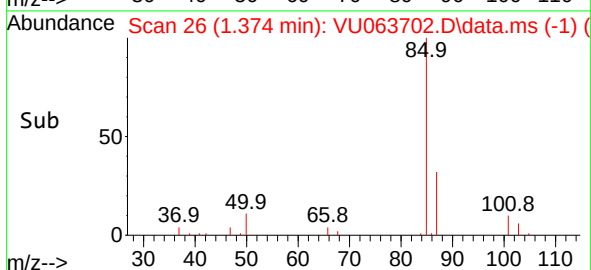
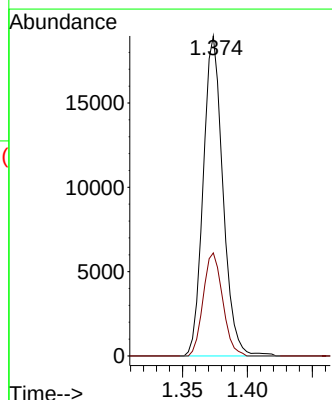
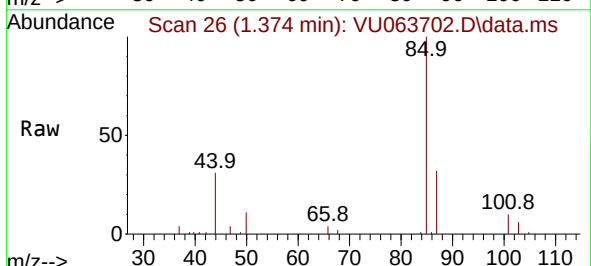
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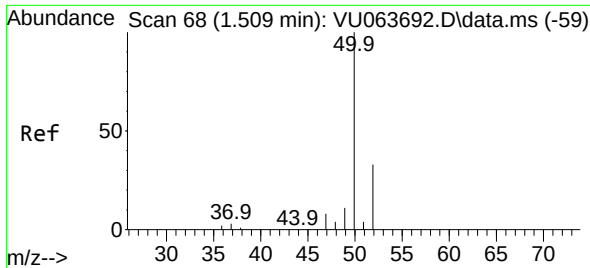
Tgt Ion:168 Resp: 182829
Ion Ratio Lower Upper
168 100
99 60.1 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 18.138 ug/l
RT: 1.374 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 85 Resp: 20027
Ion Ratio Lower Upper
85 100
87 32.2 17.0 51.0

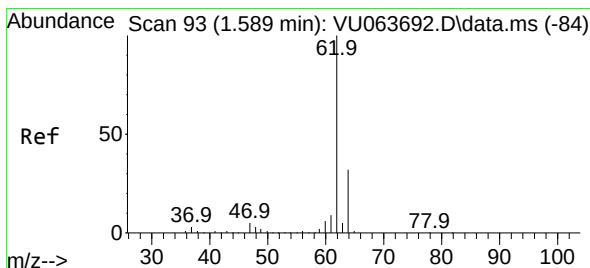
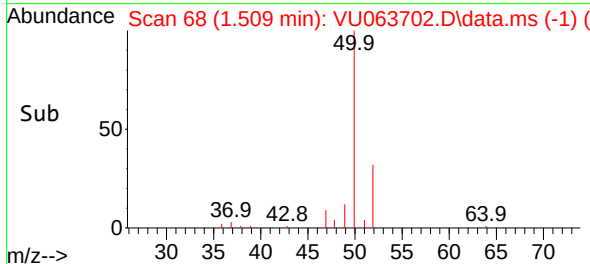
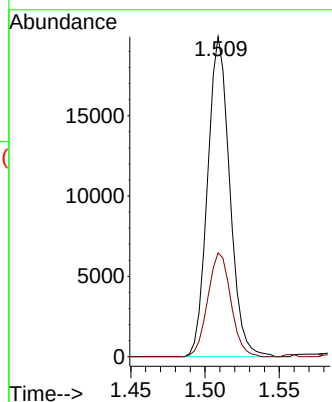
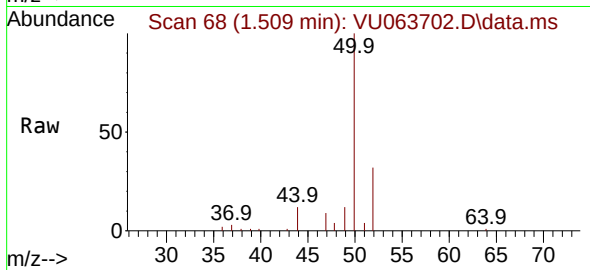




#3
Chloromethane
Concen: 18.774 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

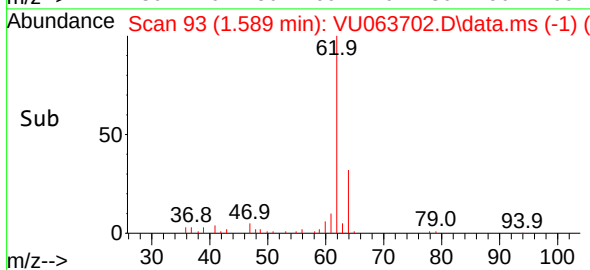
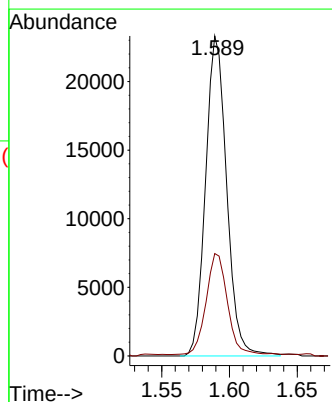
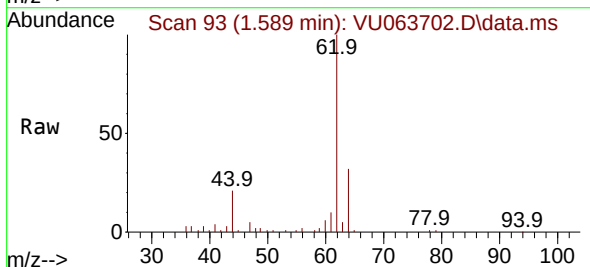
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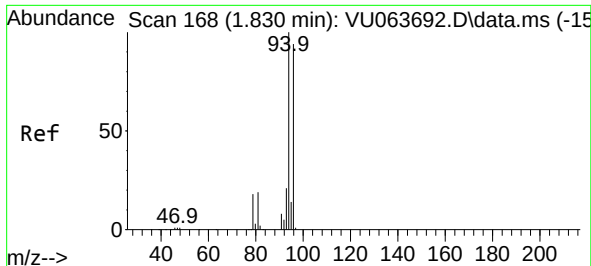
Tgt Ion: 50 Resp: 20645
Ion Ratio Lower Upper
50 100
52 32.4 26.3 39.5



#4
Vinyl Chloride
Concen: 18.567 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 62 Resp: 25215
Ion Ratio Lower Upper
62 100
64 31.5 25.9 38.9

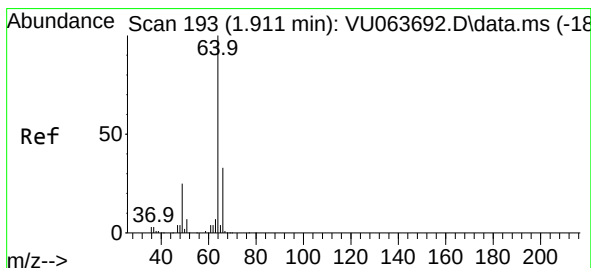
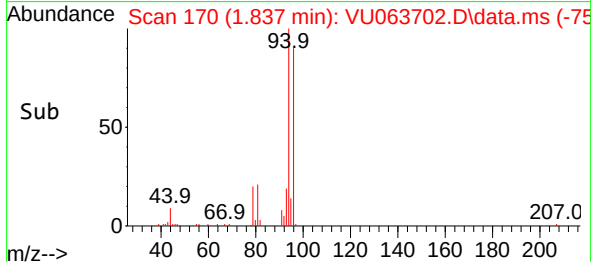
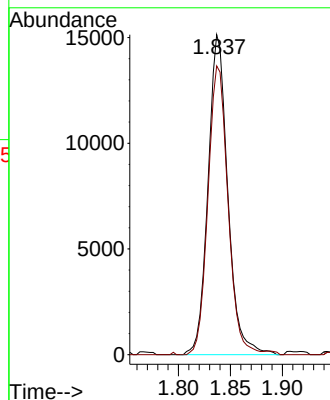
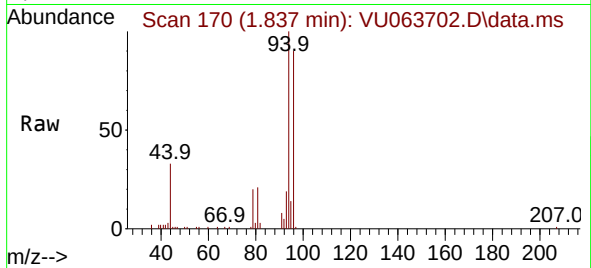




#5
Bromomethane
Concen: 21.933 ug/l
RT: 1.837 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

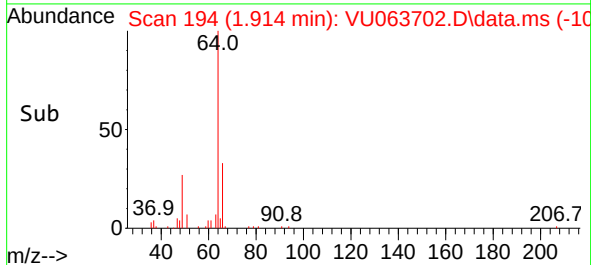
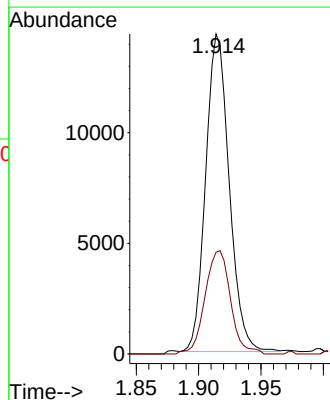
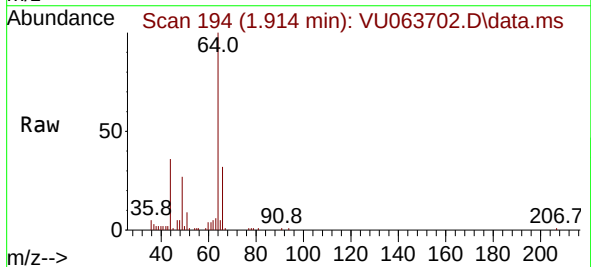
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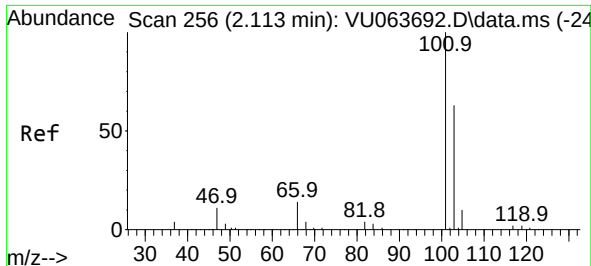
Tgt Ion: 94 Resp: 20025
Ion Ratio Lower Upper
94 100
96 90.3 74.8 112.2



#6
Chloroethane
Concen: 18.368 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.003 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 64 Resp: 18864
Ion Ratio Lower Upper
64 100
66 32.0 26.4 39.6

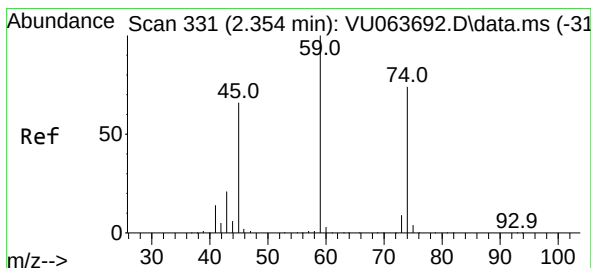
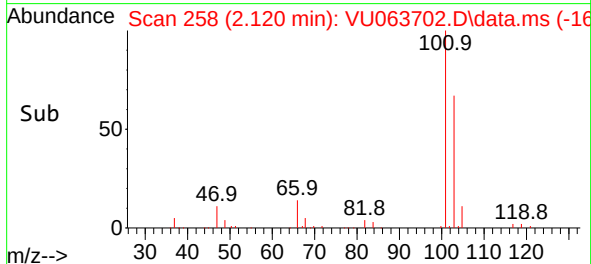
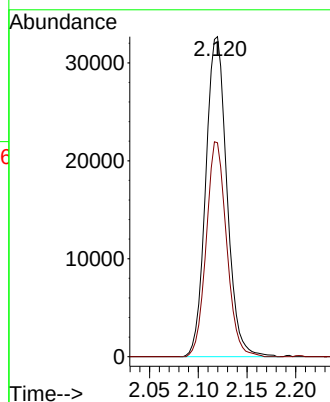
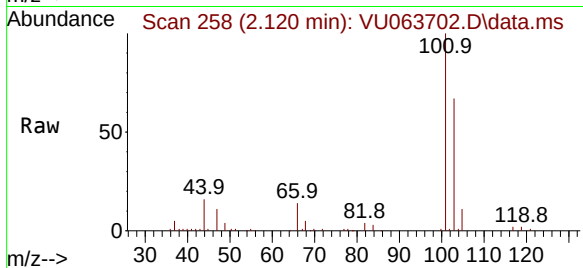




#7
 Trichlorofluoromethane
 Concen: 18.993 ug/l
 RT: 2.120 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

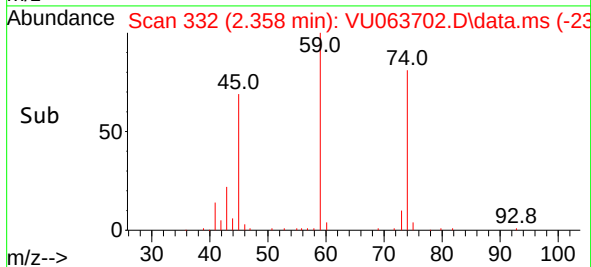
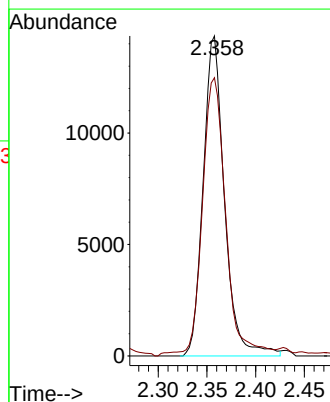
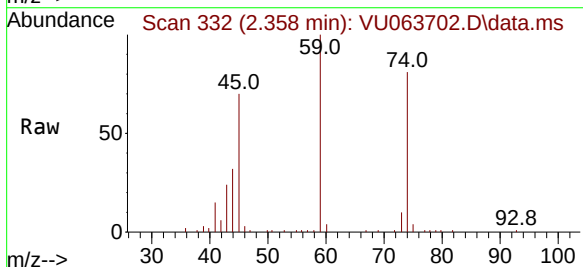
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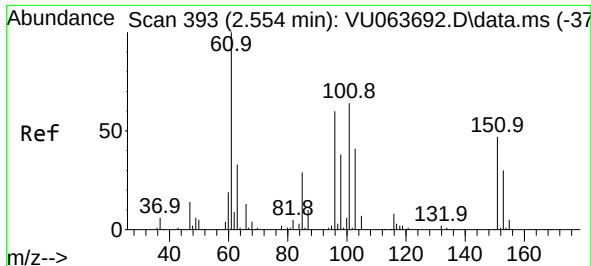
Tgt Ion:101 Resp: 49353
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.3 75.5



#8
 Diethyl Ether
 Concen: 19.731 ug/l
 RT: 2.358 min Scan# 332
 Delta R.T. 0.003 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

Tgt Ion: 74 Resp: 21797
 Ion Ratio Lower Upper
 74 100
 45 95.7 44.1 132.4

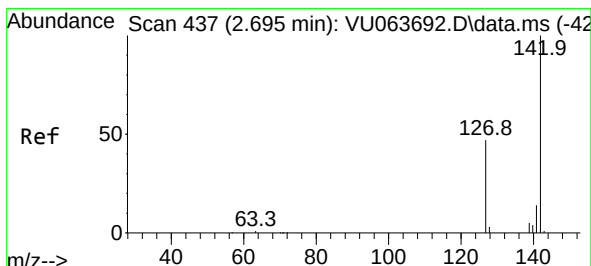
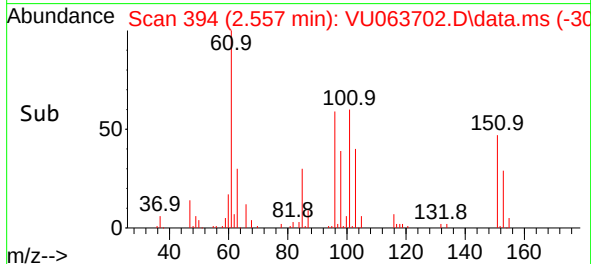
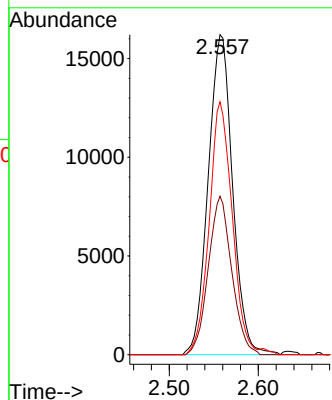
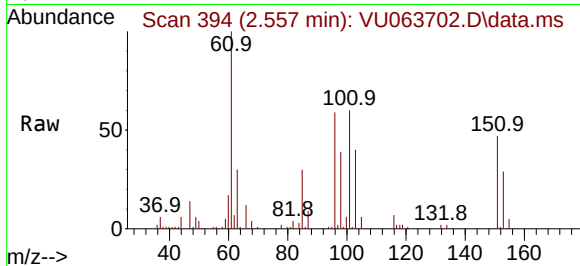




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.677 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063702.D
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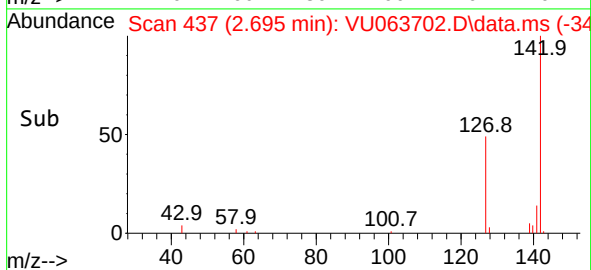
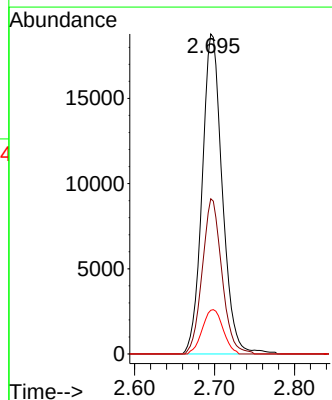
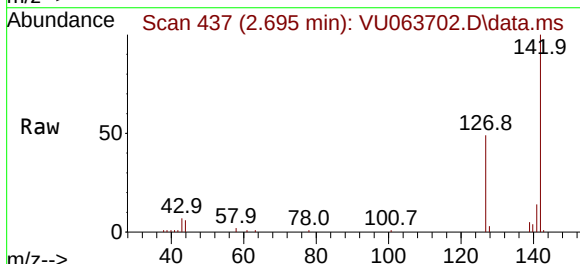
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

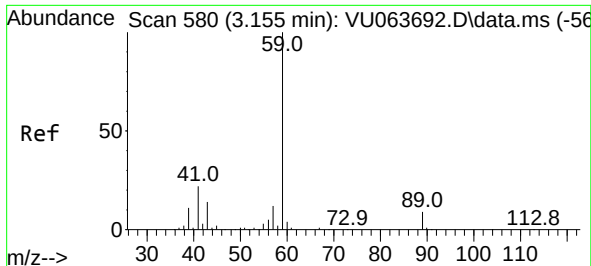
Tgt Ion:101 Resp: 30836
Ion Ratio Lower Upper
101 100
85 47.6 36.2 54.4
151 74.4 58.5 87.7



#10
Methyl Iodide
Concen: 19.902 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion:142 Resp: 32911
Ion Ratio Lower Upper
142 100
127 47.2 37.2 55.8
141 14.2 11.4 17.0

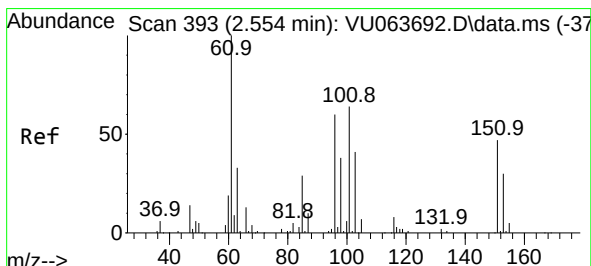
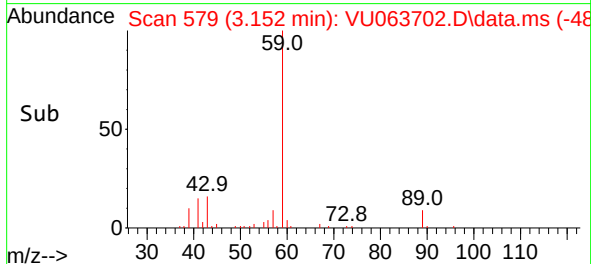
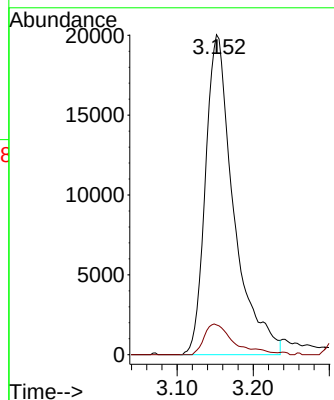
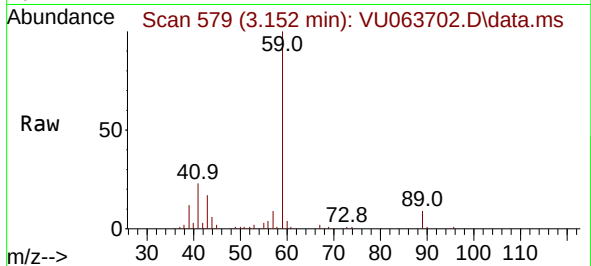




#11
Tert butyl alcohol
Concen: 81.984 ug/l
RT: 3.152 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

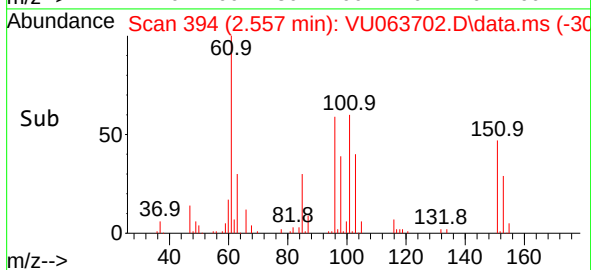
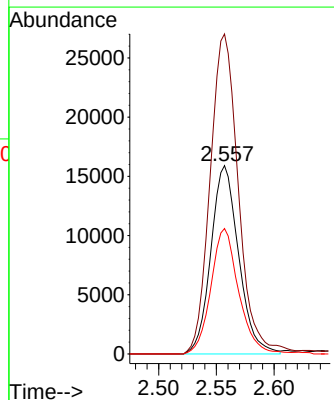
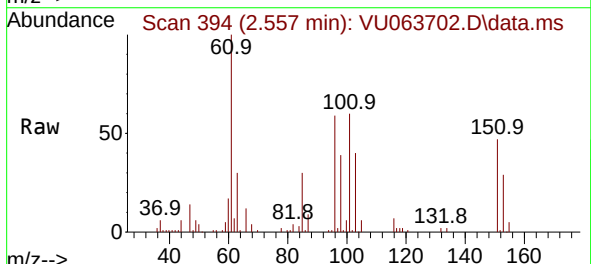
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

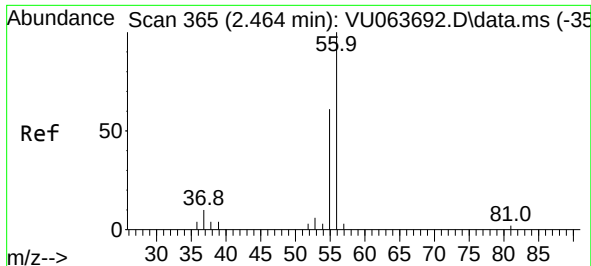
Tgt Ion: 59 Resp: 51661
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.736 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 96 Resp: 26635
Ion Ratio Lower Upper
96 100
61 169.9 133.1 199.7
98 66.5 50.7 76.1

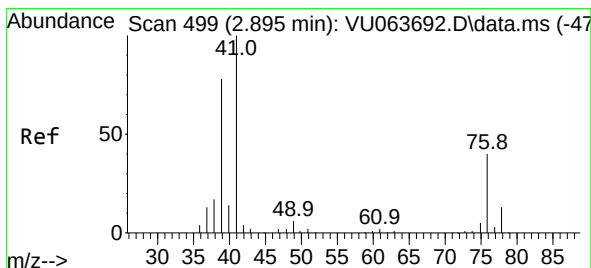
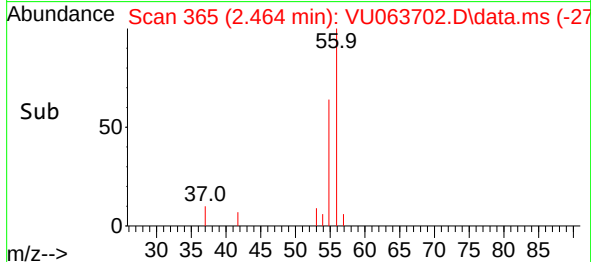
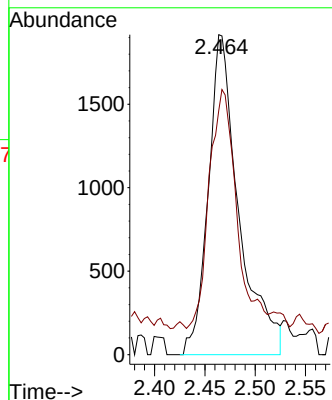
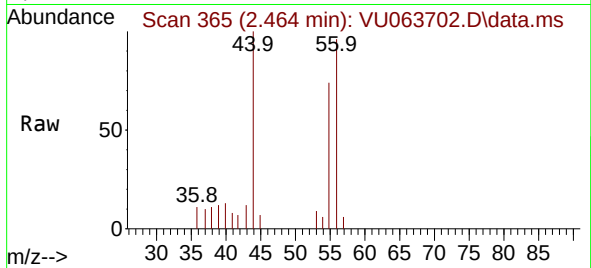




#13
Acrolein
Concen: 86.674 ug/l
RT: 2.464 min Scan# 30
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

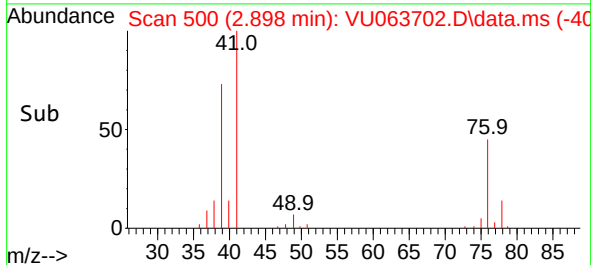
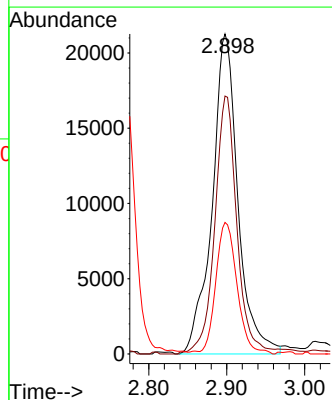
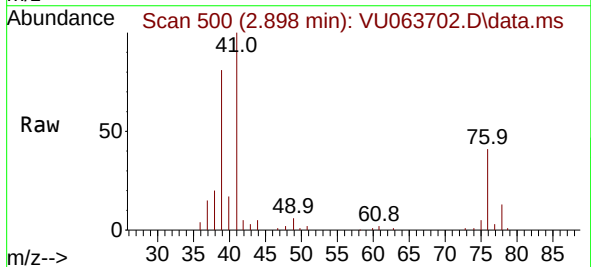
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

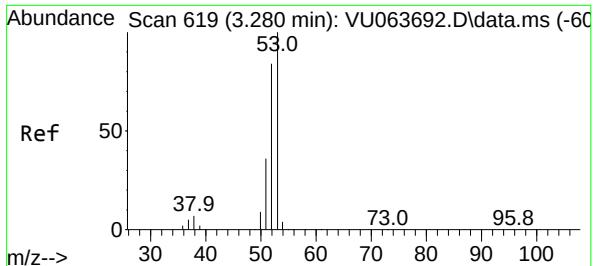
Tgt Ion: 56 Resp: 4050
Ion Ratio Lower Upper
56 100
55 66.4 47.1 70.7



#14
Allyl chloride
Concen: 18.463 ug/l
RT: 2.898 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 41 Resp: 48953
Ion Ratio Lower Upper
41 100
39 68.9 53.1 79.7
76 34.0 26.4 39.6

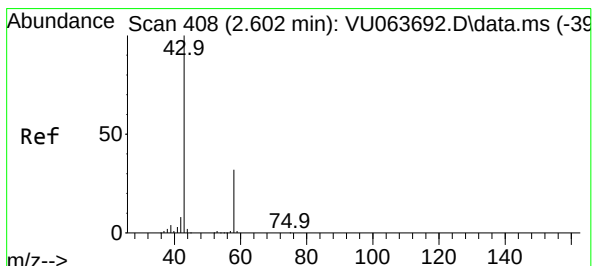
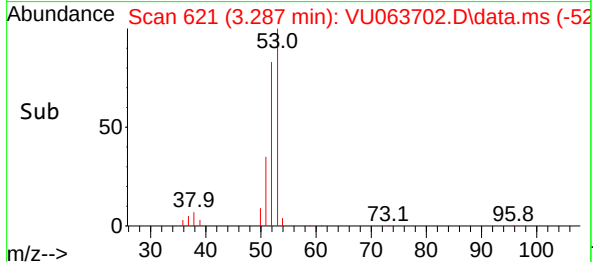
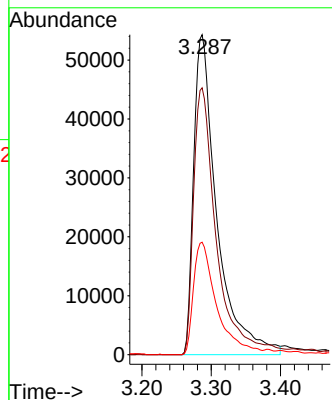
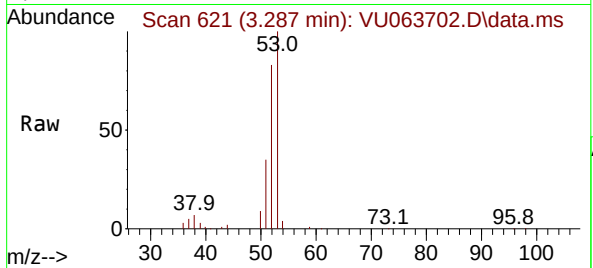




#15
Acrylonitrile
Concen: 98.105 ug/l
RT: 3.287 min Scan# 619
Delta R.T. 0.006 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

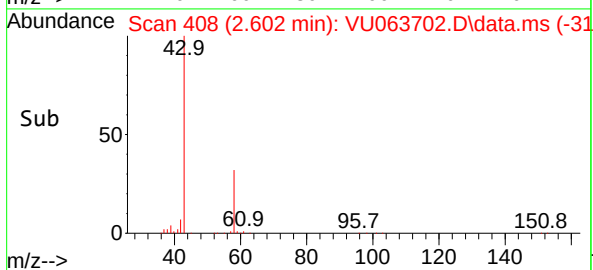
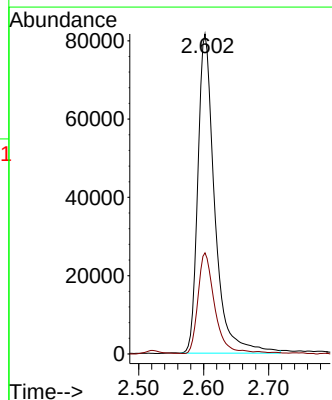
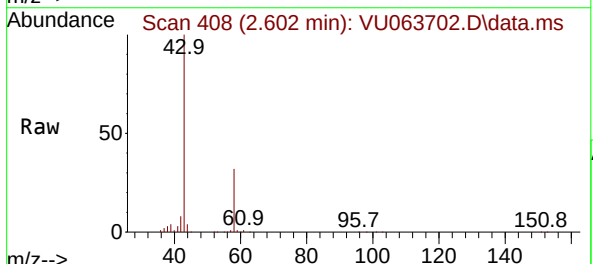
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

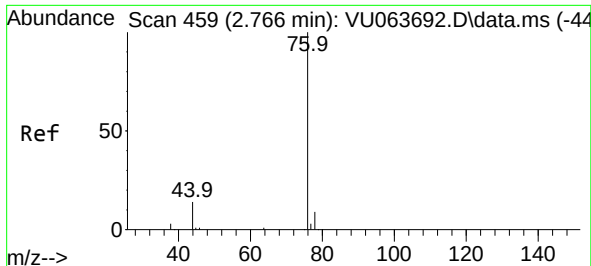
Tgt Ion: 53 Resp: 126605
Ion Ratio Lower Upper
53 100
52 82.4 67.5 101.3
51 35.2 29.0 43.6



#16
Acetone
Concen: 96.958 ug/l
RT: 2.602 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 43 Resp: 148044
Ion Ratio Lower Upper
43 100
58 31.5 25.4 38.2

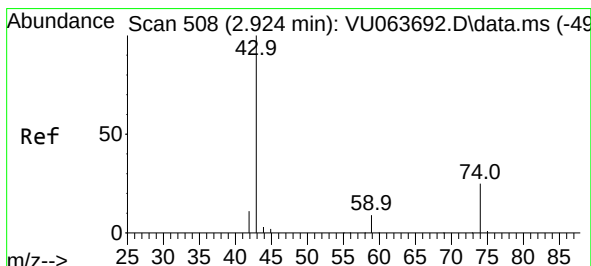
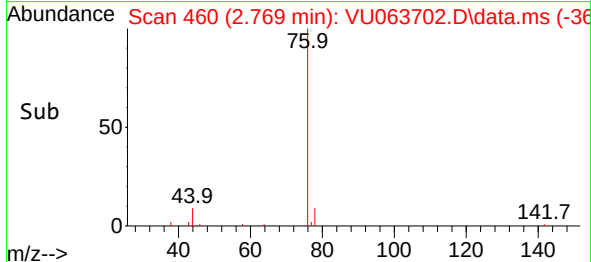
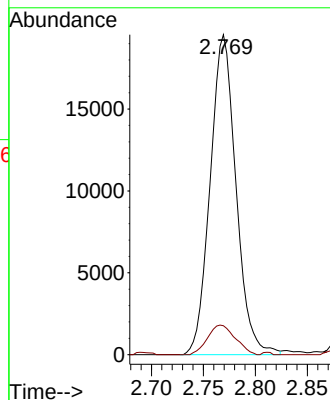
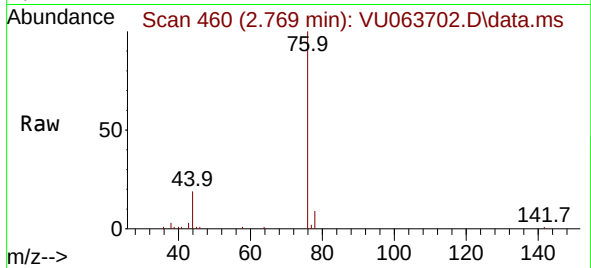




#17
Carbon Disulfide
Concen: 18.597 ug/l
RT: 2.769 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

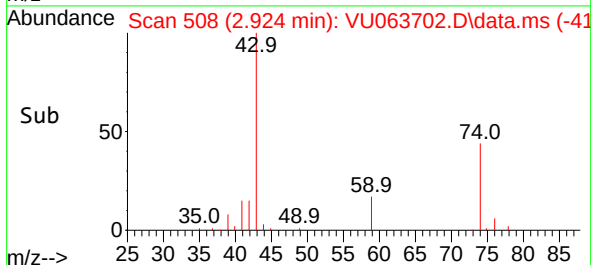
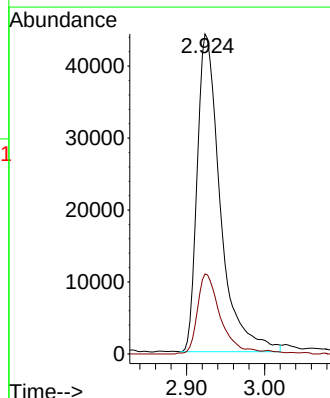
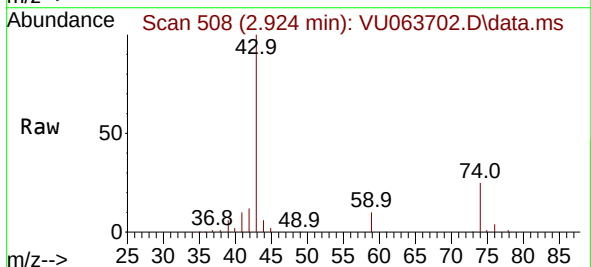
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

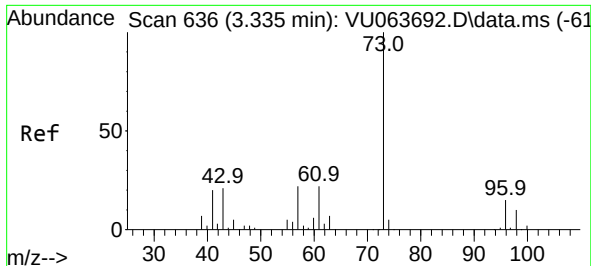
Tgt Ion: 76 Resp: 33814
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.6



#18
Methyl Acetate
Concen: 20.190 ug/l
RT: 2.924 min Scan# 508
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 43 Resp: 91178
Ion Ratio Lower Upper
43 100
74 25.0 20.6 31.0

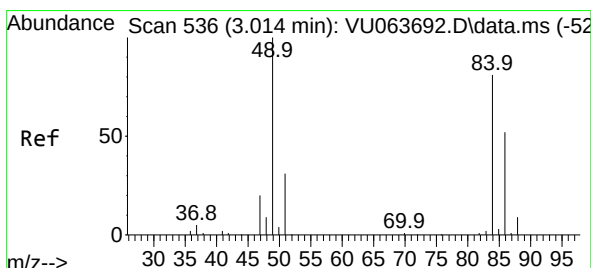
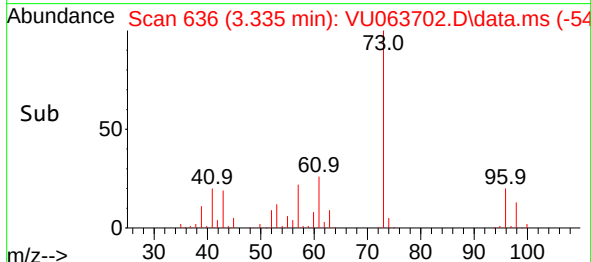
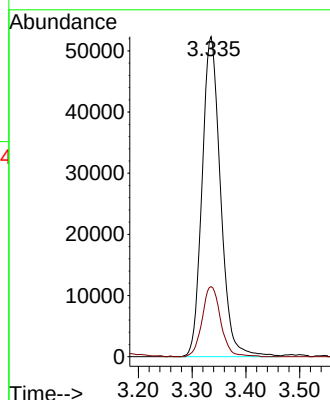
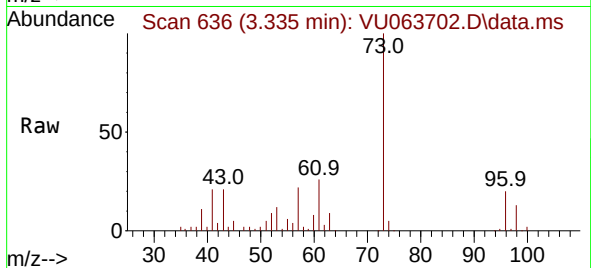




#19
Methyl tert-butyl Ether
Concen: 19.496 ug/l
RT: 3.335 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

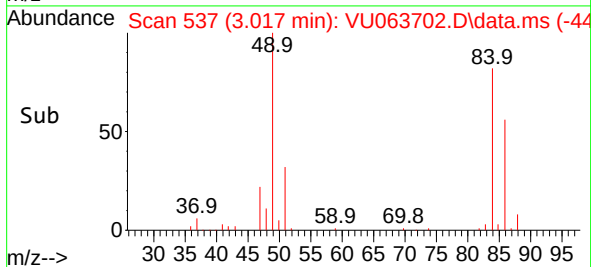
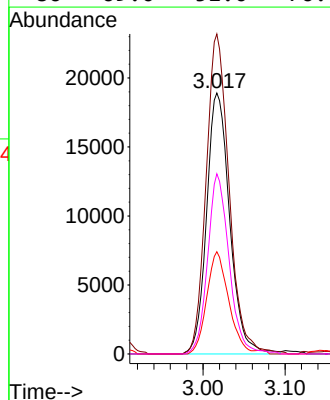
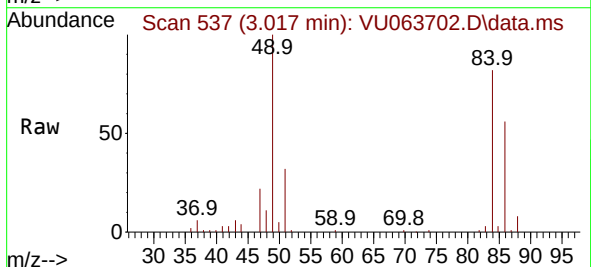
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

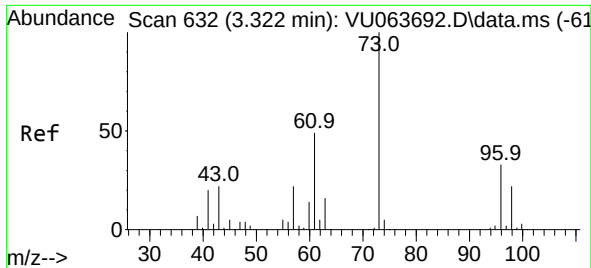
Tgt Ion: 73 Resp: 125060
Ion Ratio Lower Upper
73 100
57 21.9 17.4 26.2



#20
Methylene Chloride
Concen: 20.954 ug/l
RT: 3.017 min Scan# 537
Delta R.T. 0.003 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 84 Resp: 37060
Ion Ratio Lower Upper
84 100
49 122.6 98.4 147.6
51 39.2 30.1 45.1
86 69.0 51.0 76.6

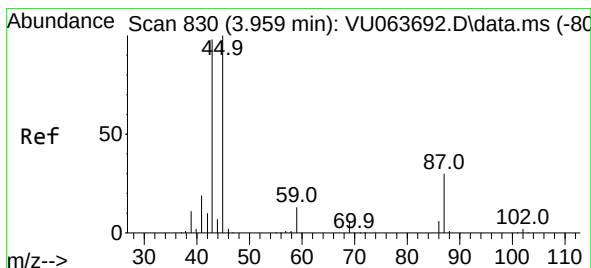
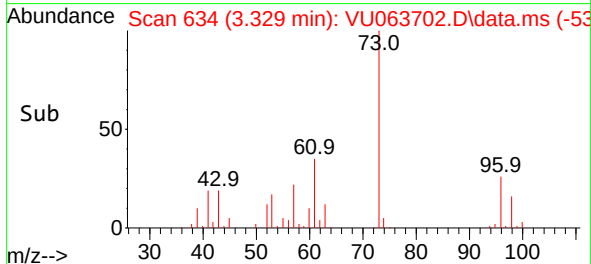
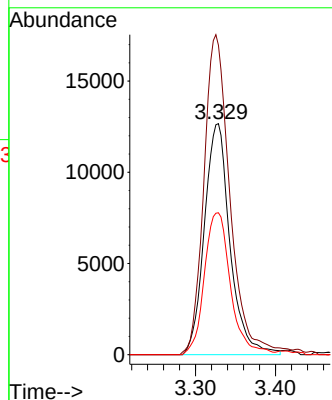
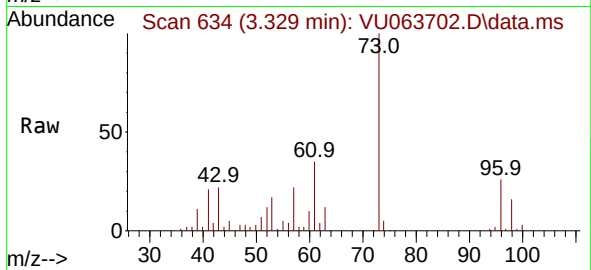




#21
trans-1,2-Dichloroethene
Concen: 19.349 ug/l
RT: 3.329 min Scan# 61
Delta R.T. 0.006 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

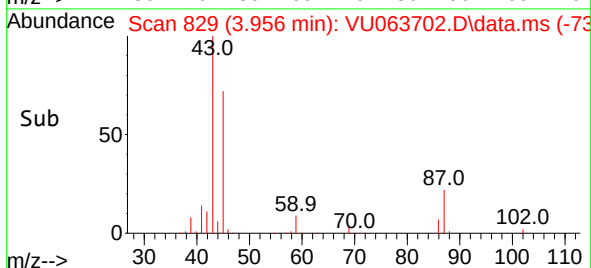
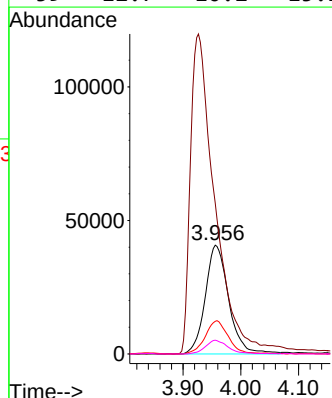
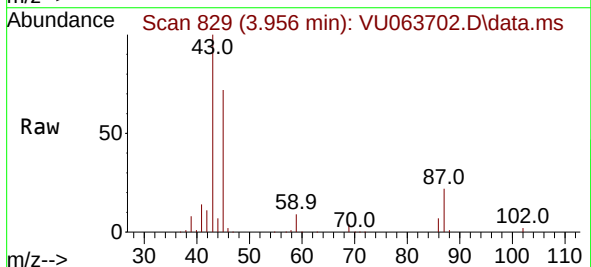
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

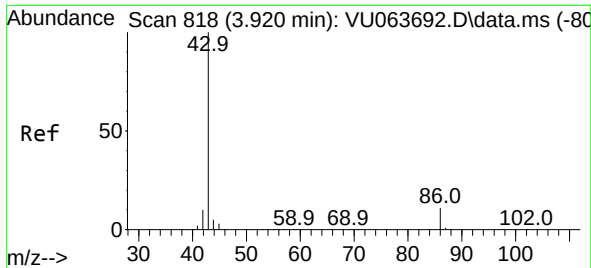
Tgt Ion: 96 Resp: 28240
Ion Ratio Lower Upper
96 100
61 133.9 117.5 176.3
98 61.4 52.7 79.1



#22
Diisopropyl ether
Concen: 19.664 ug/l
RT: 3.956 min Scan# 829
Delta R.T. -0.003 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 45 Resp: 114829
Ion Ratio Lower Upper
45 100
43 138.2 78.1 117.1#
87 30.1 23.8 35.8
59 12.7 10.2 15.2

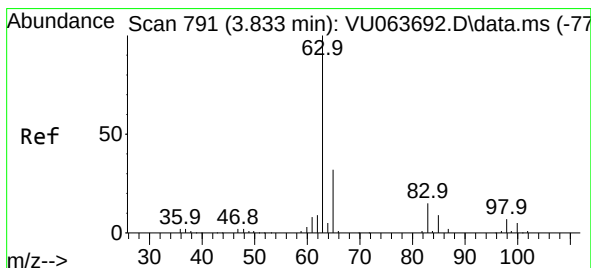
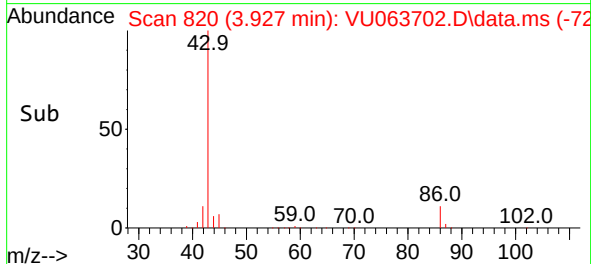
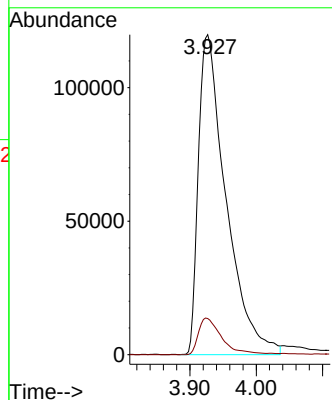
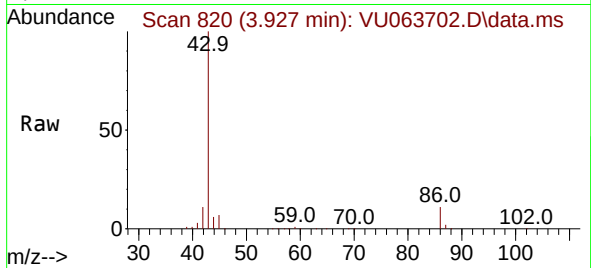




#23
 Vinyl Acetate
 Concen: 87.223 ug/l
 RT: 3.927 min Scan# 818
 Delta R.T. 0.006 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

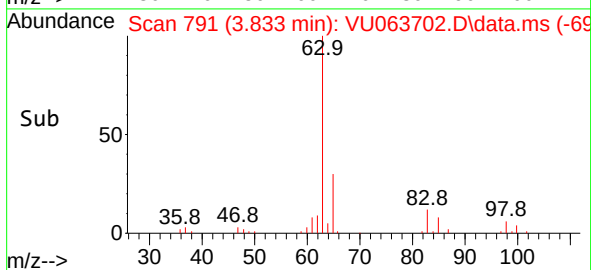
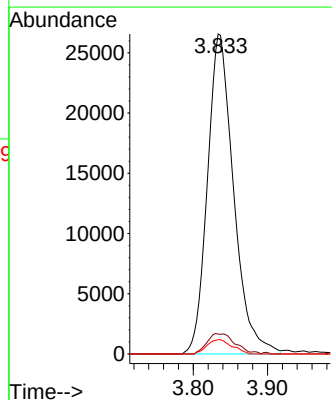
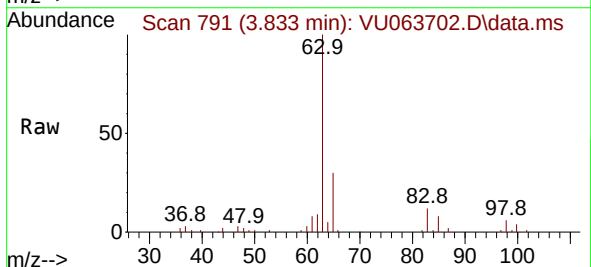
Instrument :
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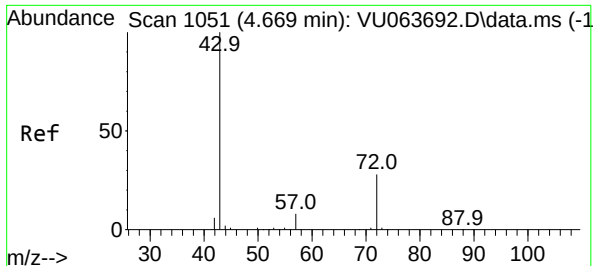
Tgt Ion: 43 Resp: 347363
 Ion Ratio Lower Upper
 43 100
 86 11.3 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 19.304 ug/l
 RT: 3.833 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

Tgt Ion: 63 Resp: 65016
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.7 11.1
 100 4.5 2.5 7.5





#25

2-Butanone

Concen: 88.026 ug/l

RT: 4.673 min Scan# 1052

Delta R.T. 0.003 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

Instrument :

MSVOA_U

ClientSampleId :

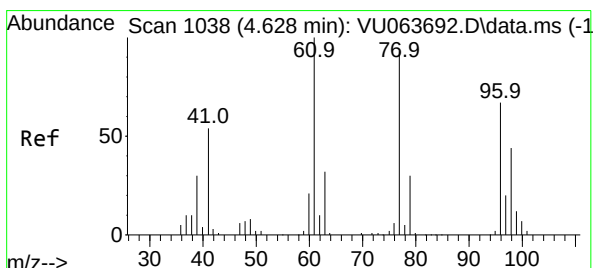
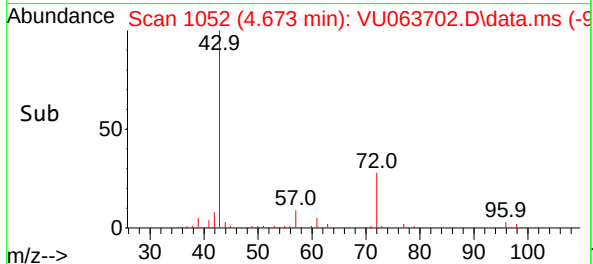
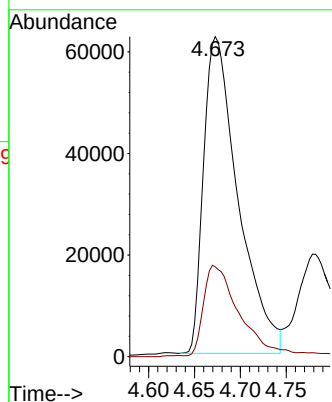
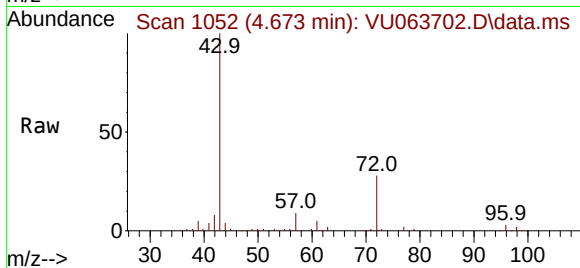
VU1111WBSD01

Tgt Ion: 43 Resp: 163693

Ion Ratio Lower Upper

43 100

72 28.0 22.0 33.0



#26

2,2-Dichloropropane

Concen: 18.202 ug/l

RT: 4.631 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VU063702.D

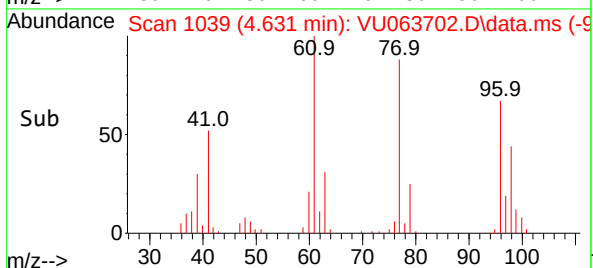
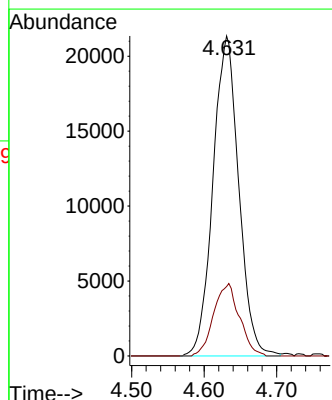
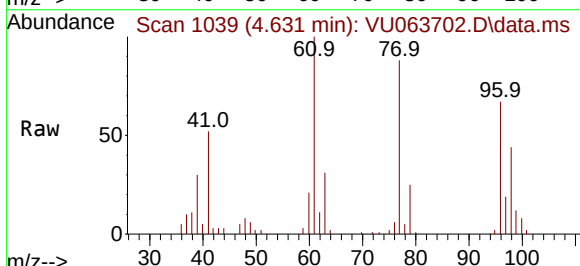
Acq: 11 Nov 2025 12:58

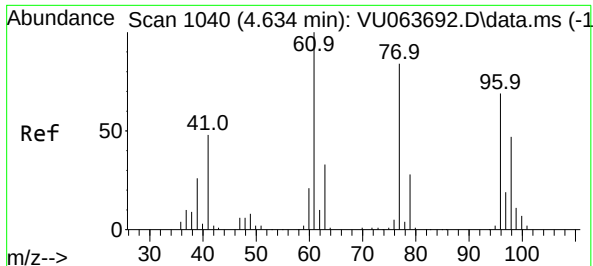
Tgt Ion: 77 Resp: 52651

Ion Ratio Lower Upper

77 100

97 22.7 10.9 32.9

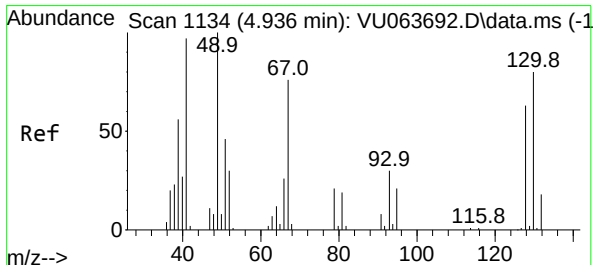
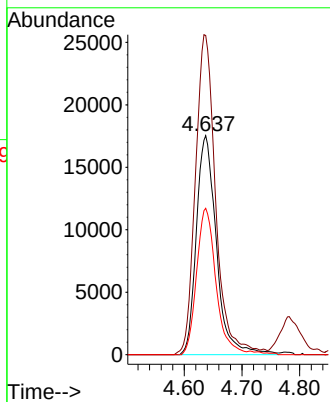
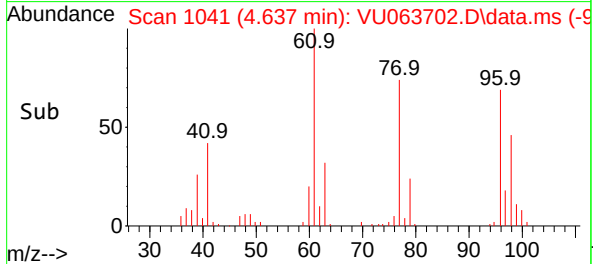
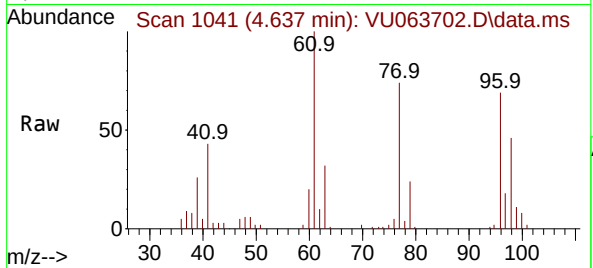




#27
 cis-1,2-Dichloroethene
 Concen: 19.852 ug/l
 RT: 4.637 min Scan# 1041
 Delta R.T. 0.003 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

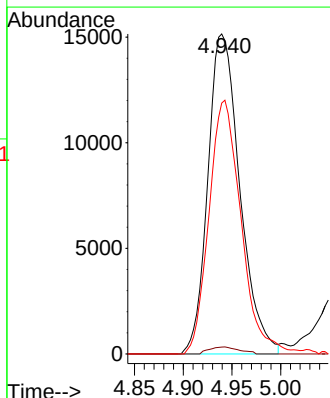
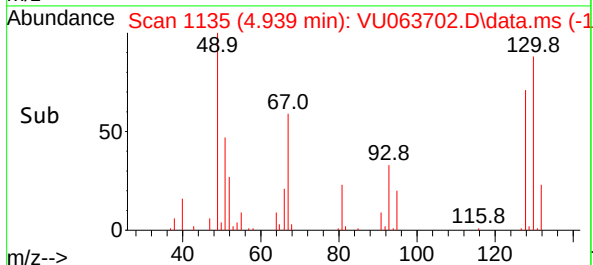
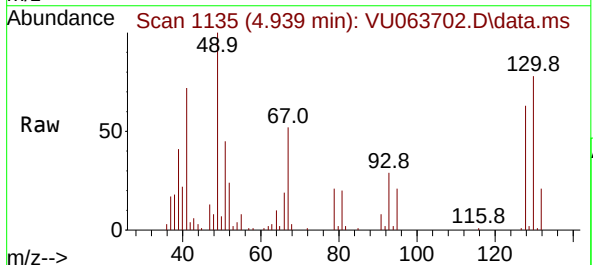
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBSD01

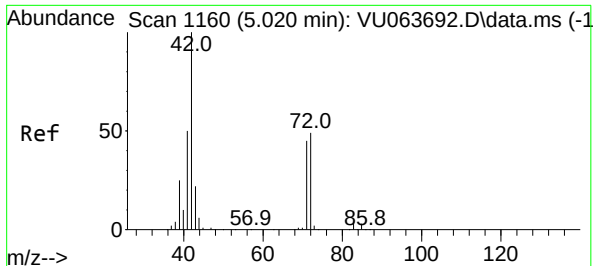
Tgt Ion: 96 Resp: 42333
 Ion Ratio Lower Upper
 96 100
 61 147.0 0.0 295.4
 98 64.2 0.0 131.8



#28
 Bromochloromethane
 Concen: 25.702 ug/l
 RT: 4.939 min Scan# 1135
 Delta R.T. 0.003 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

Tgt Ion: 49 Resp: 34641
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 3.6
 130 79.5 65.1 97.7

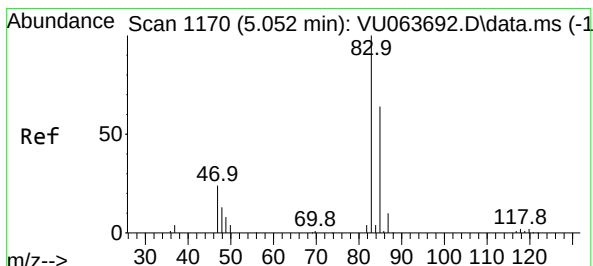
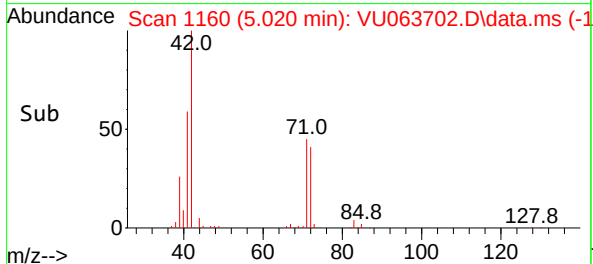
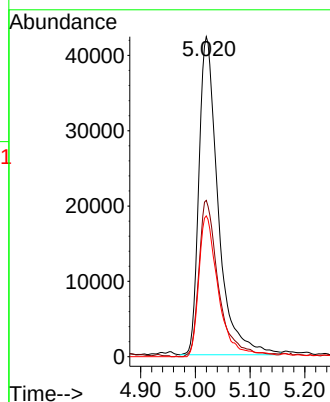
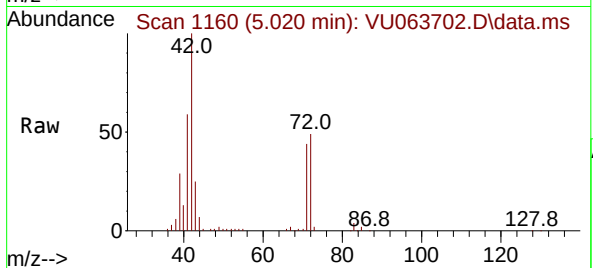




#29
Tetrahydrofuran
Concen: 95.439 ug/l
RT: 5.020 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

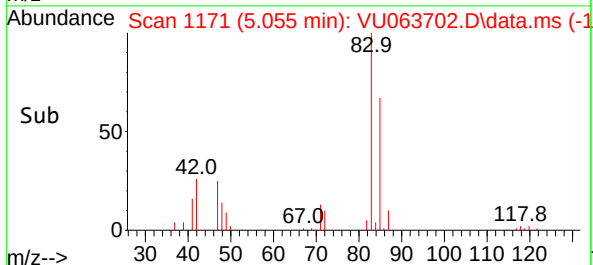
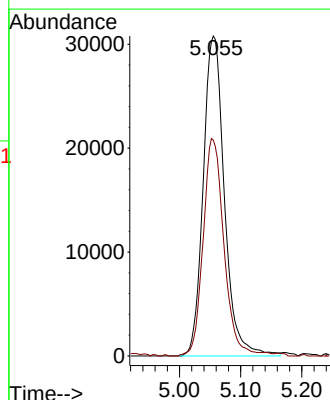
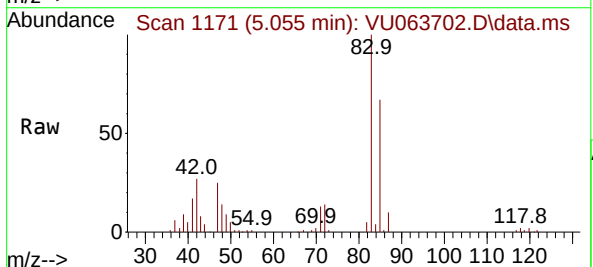
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

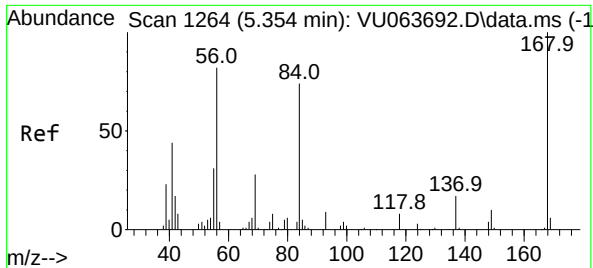
Tgt Ion: 42 Resp: 103271
Ion Ratio Lower Upper
42 100
72 50.3 40.0 60.0
71 45.4 37.4 56.0



#30
Chloroform
Concen: 20.100 ug/l
RT: 5.055 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 83 Resp: 74165
Ion Ratio Lower Upper
83 100
85 67.1 51.0 76.6

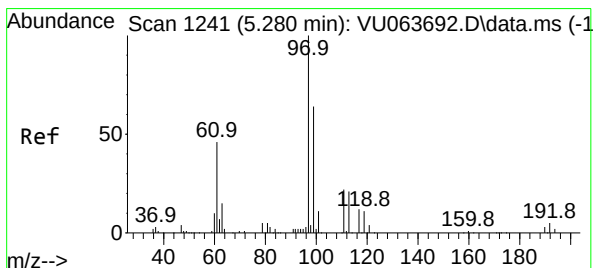
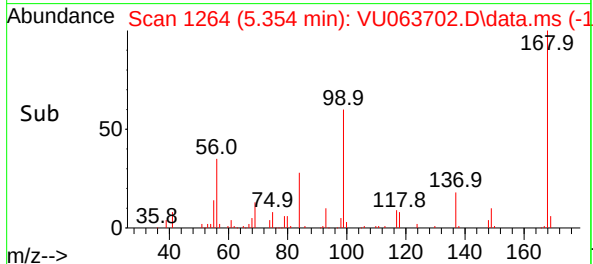
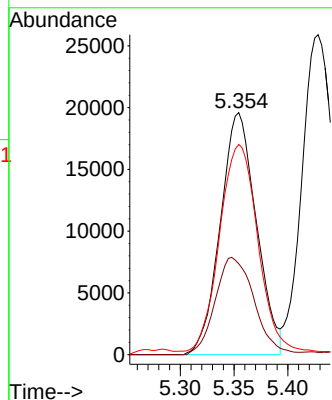
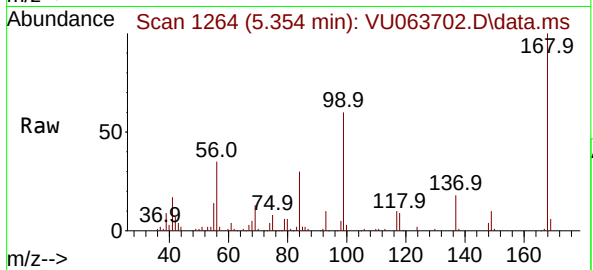




#31
Cyclohexane
Concen: 20.185 ug/l
RT: 5.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

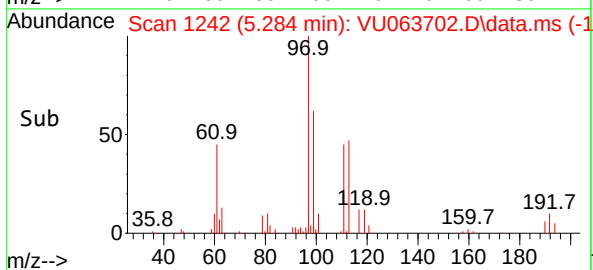
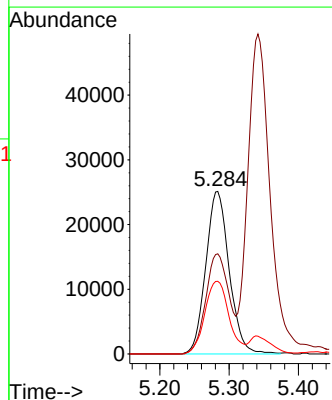
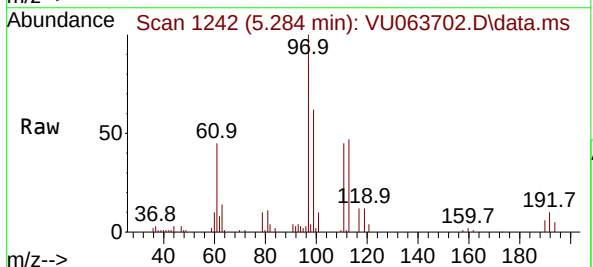
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

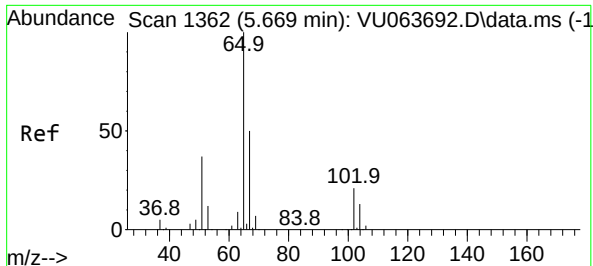
Tgt Ion: 56 Resp: 45609
Ion Ratio Lower Upper
56 100
69 36.9 27.0 40.6
84 85.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 19.471 ug/l
RT: 5.284 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 97 Resp: 58953
Ion Ratio Lower Upper
97 100
99 60.3 49.8 74.8
61 46.0 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 50.070 ug/l

RT: 5.669 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

Instrument :

MSVOA_U

ClientSampleId :

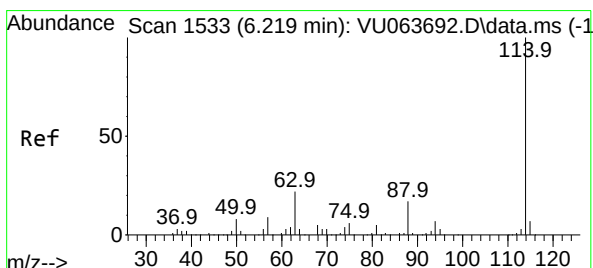
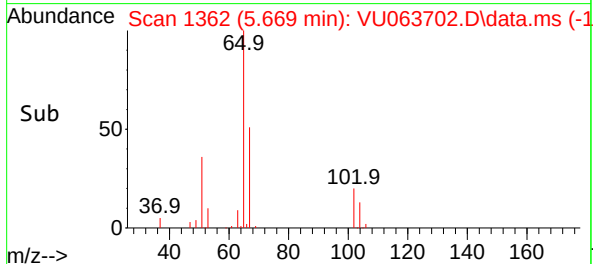
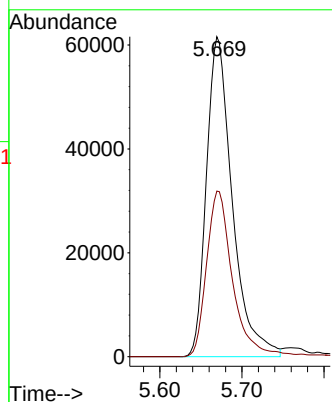
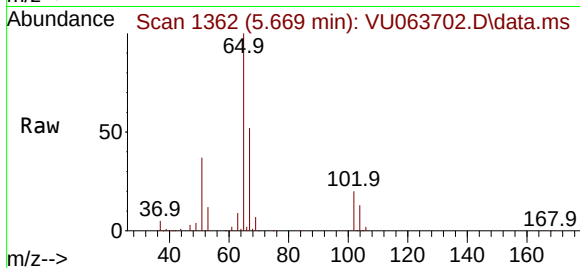
VU1111WBSD01

Tgt Ion: 65 Resp: 135231

Ion Ratio Lower Upper

65 100

67 51.9 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: VU063702.D

Acq: 11 Nov 2025 12:58

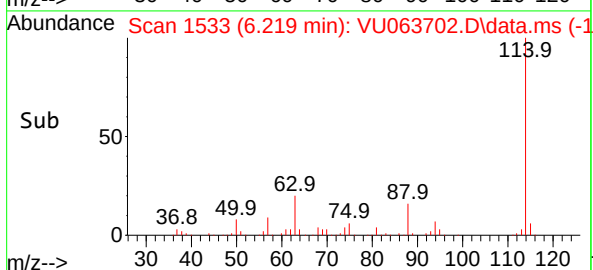
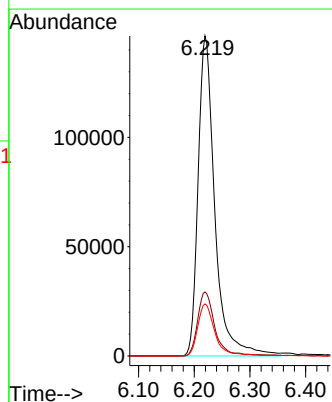
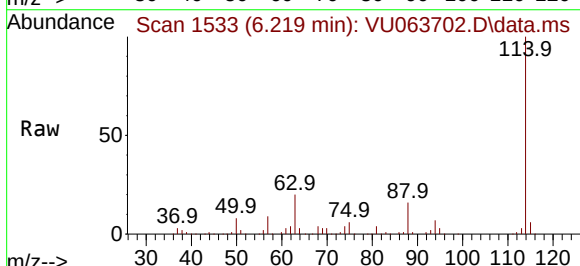
Tgt Ion: 114 Resp: 305774

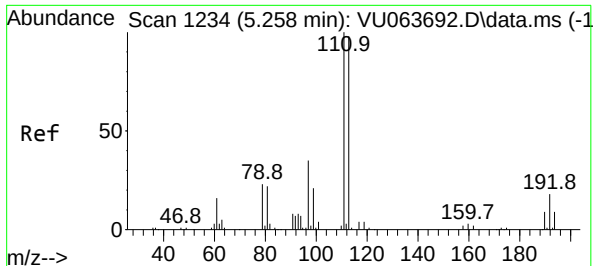
Ion Ratio Lower Upper

114 100

63 20.0 0.0 44.0

88 16.3 0.0 33.6





#35

Dibromofluoromethane

Concen: 49.750 ug/l

RT: 5.258 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

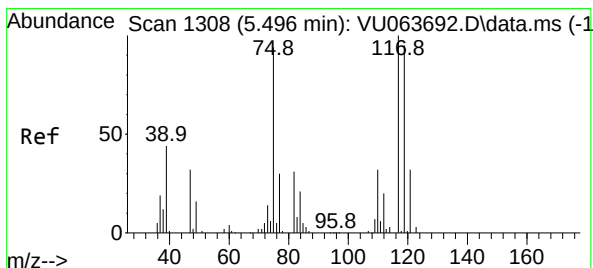
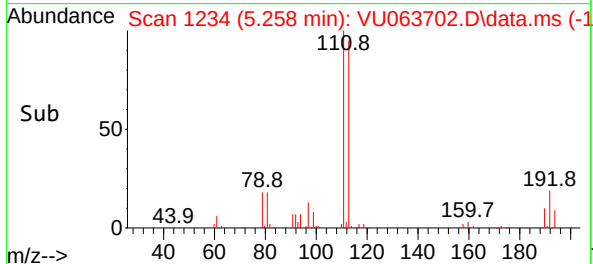
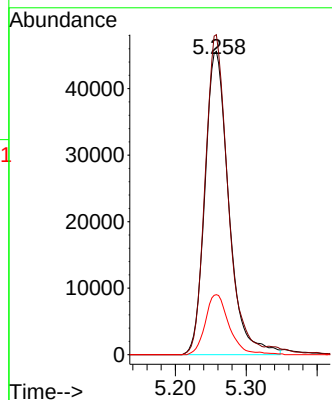
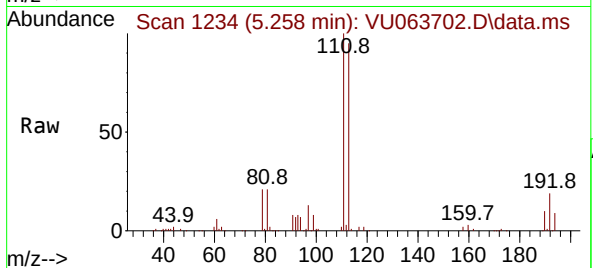
Tgt Ion:113 Resp: 106547

Ion Ratio Lower Upper

113 100

111 100.9 82.4 123.6

192 19.9 15.4 23.0



#36

1,1-Dichloropropene

Concen: 17.961 ug/l

RT: 5.499 min Scan# 1309

Delta R.T. 0.003 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

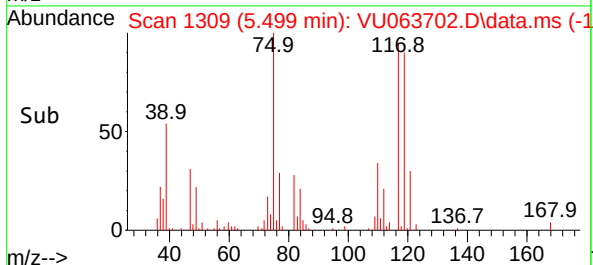
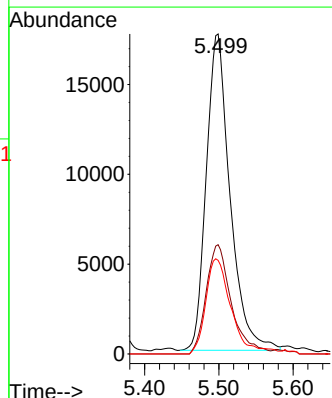
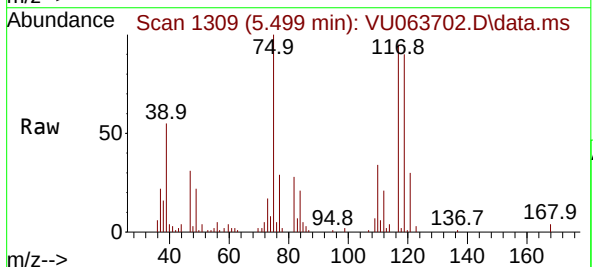
Tgt Ion: 75 Resp: 39150

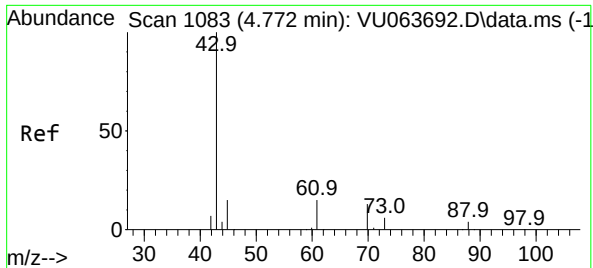
Ion Ratio Lower Upper

75 100

110 36.4 17.3 51.7

77 32.2 24.4 36.6





#37

Ethyl Acetate

Concen: 16.726 ug/l

RT: 4.779 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

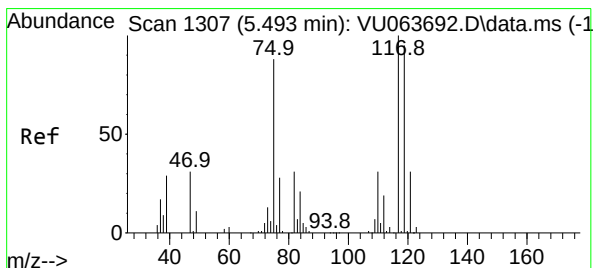
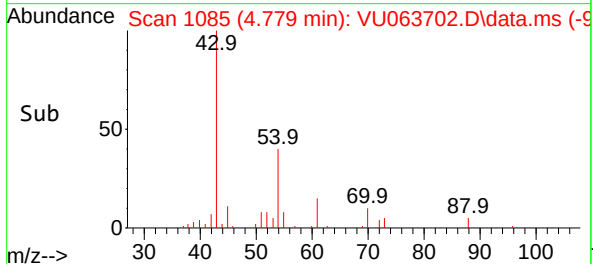
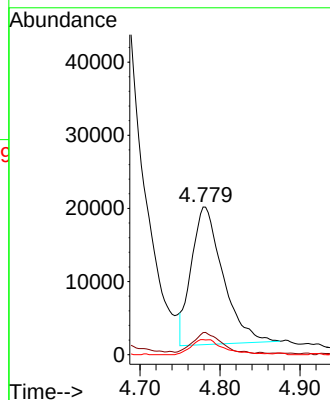
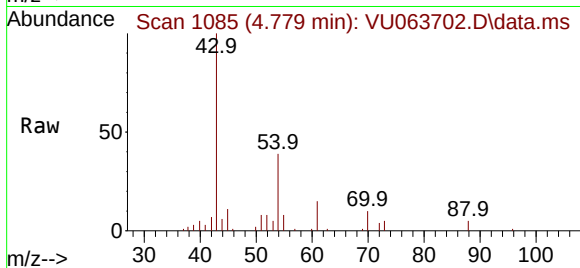
Tgt Ion: 43 Resp: 51625

Ion Ratio Lower Upper

43 100

61 11.9 10.3 15.5

70 11.4 8.9 13.3



#38

Carbon Tetrachloride

Concen: 17.274 ug/l

RT: 5.493 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

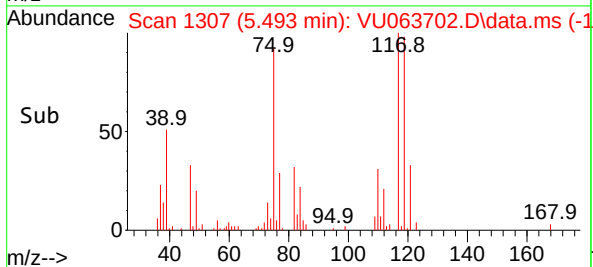
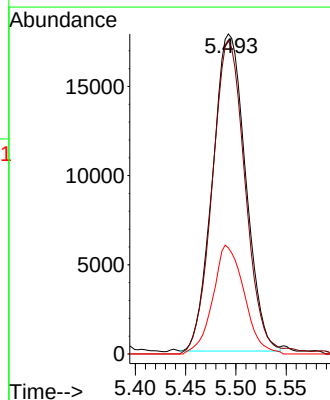
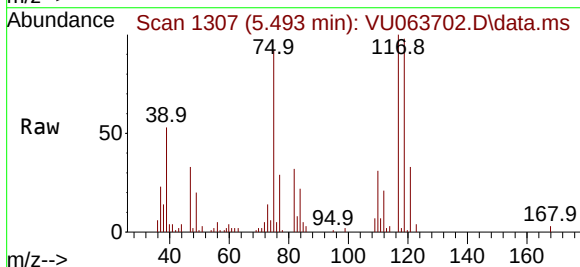
Tgt Ion: 117 Resp: 40696

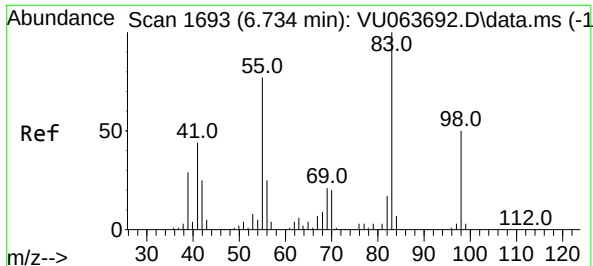
Ion Ratio Lower Upper

117 100

119 98.9 76.1 114.1

121 33.5 24.6 37.0





#39

Methylcyclohexane

Concen: 18.266 ug/l

RT: 6.734 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

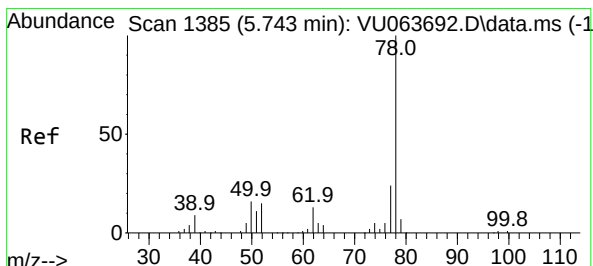
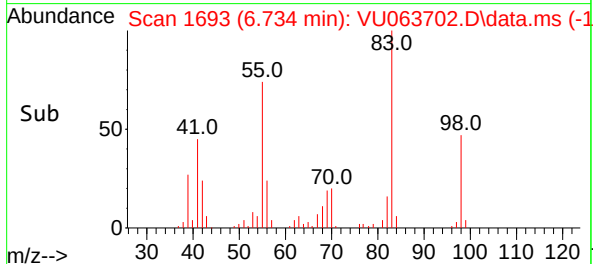
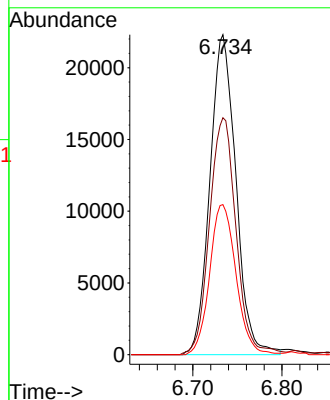
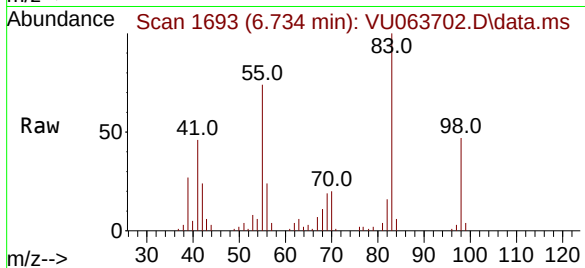
Tgt Ion: 83 Resp: 45205

Ion Ratio Lower Upper

83 100

55 74.0 61.6 92.4

98 46.9 40.0 60.0



#40

Benzene

Concen: 19.147 ug/l

RT: 5.743 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU063702.D

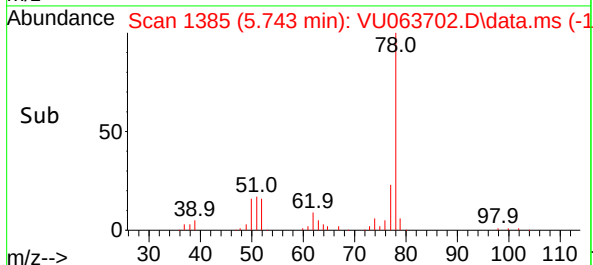
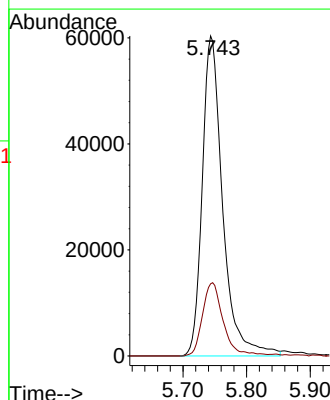
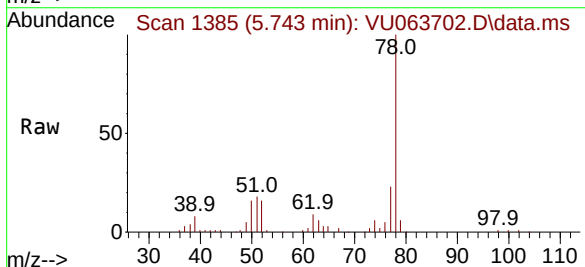
Acq: 11 Nov 2025 12:58

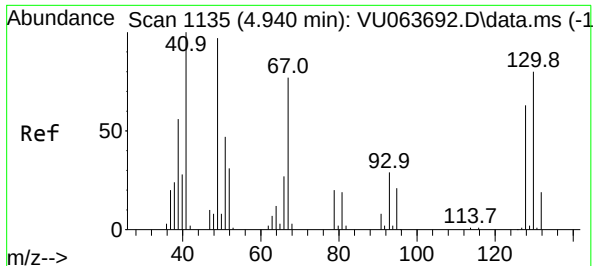
Tgt Ion: 78 Resp: 134681

Ion Ratio Lower Upper

78 100

77 22.6 18.9 28.3

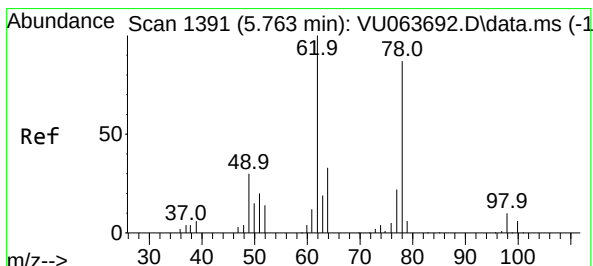
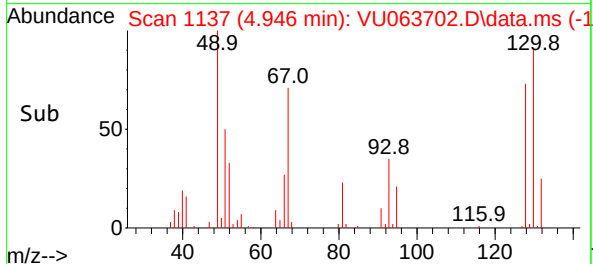
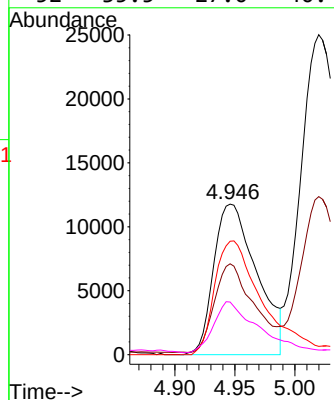
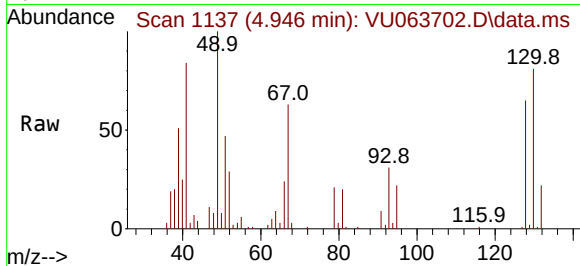




#41
Methacrylonitrile
Concen: 18.328 ug/l
RT: 4.946 min Scan# 1137
Delta R.T. 0.006 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

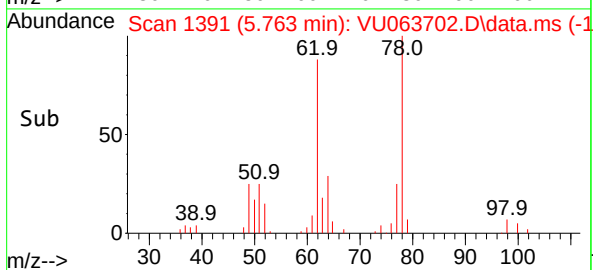
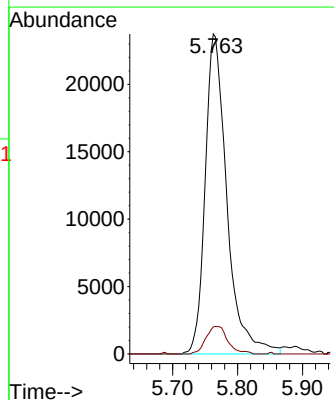
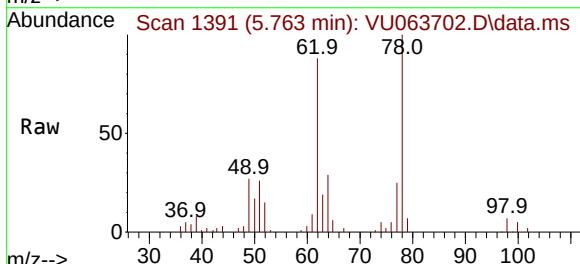
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

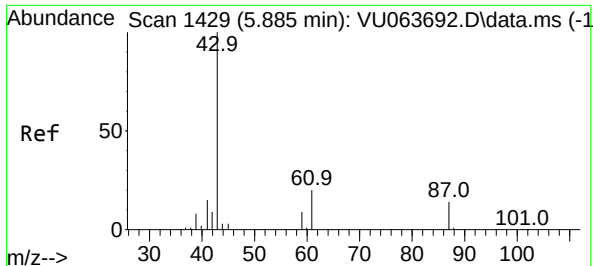
Tgt Ion: 41 Resp: 29401
Ion Ratio Lower Upper
41 100
39 53.5 44.7 67.1
67 86.2 67.4 101.2
52 35.5 27.0 40.4



#42
1,2-Dichloroethane
Concen: 19.913 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 62 Resp: 55244
Ion Ratio Lower Upper
62 100
98 8.6 0.0 18.2

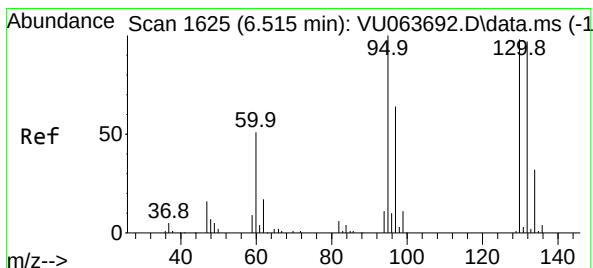
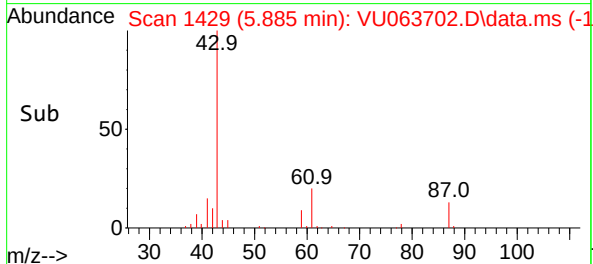
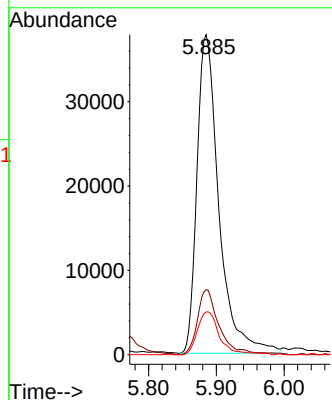
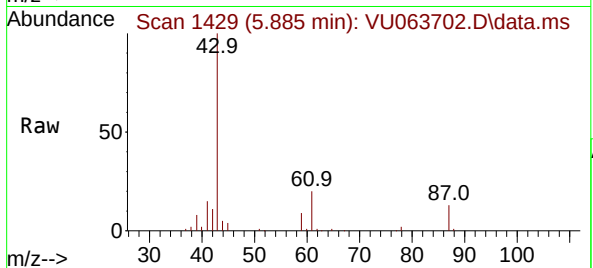




#43
Isopropyl Acetate
Concen: 18.779 ug/l
RT: 5.885 min Scan# 1429
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

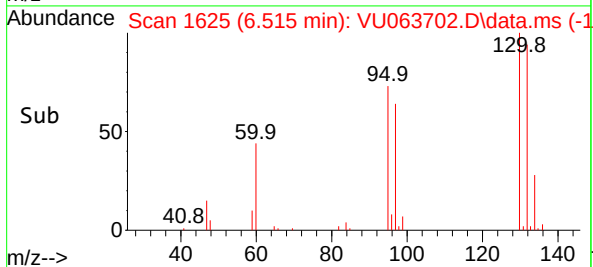
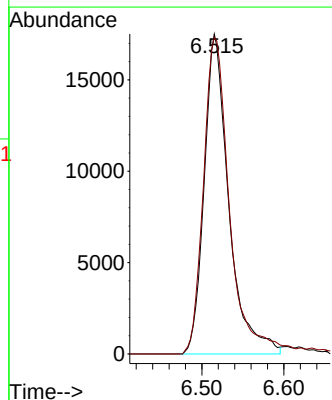
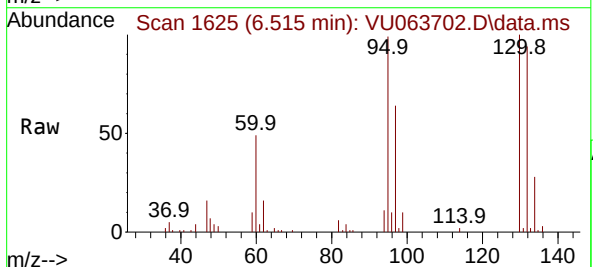
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

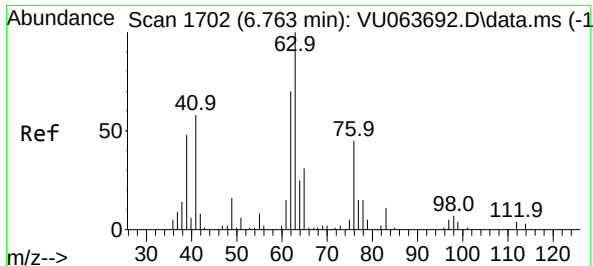
Tgt Ion:	43	Resp:	84958
Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.9	23.9
87	13.5	11.0	16.6



#44
Trichloroethene
Concen: 18.453 ug/l
RT: 6.515 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion:	130	Resp:	36417
Ion	Ratio	Lower	Upper
130	100		
95	98.9	0.0	203.6





#45

1,2-Dichloropropane

Concen: 19.208 ug/l

RT: 6.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

Instrument :

MSVOA_U

ClientSampleId :

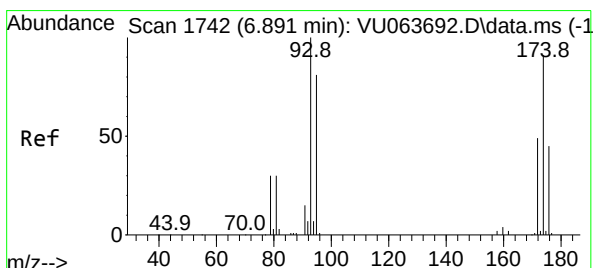
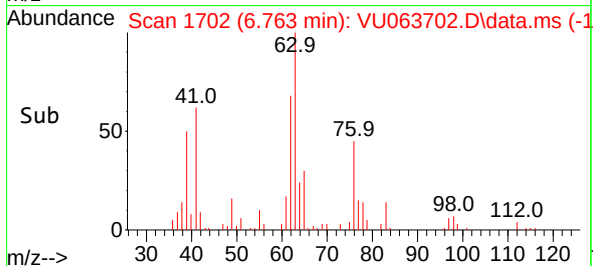
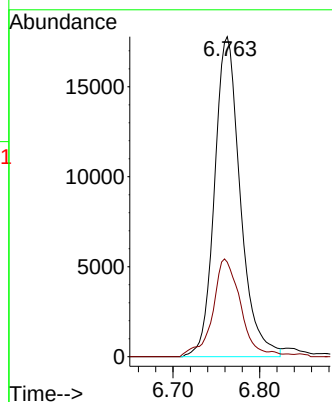
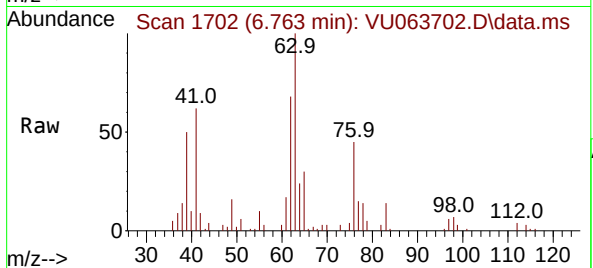
VU1111WBSD01

Tgt Ion: 63 Resp: 36729

Ion Ratio Lower Upper

63 100

65 29.5 24.9 37.3



#46

Dibromomethane

Concen: 19.642 ug/l

RT: 6.891 min Scan# 1742

Delta R.T. -0.000 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

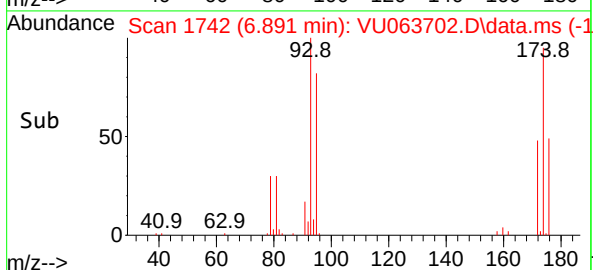
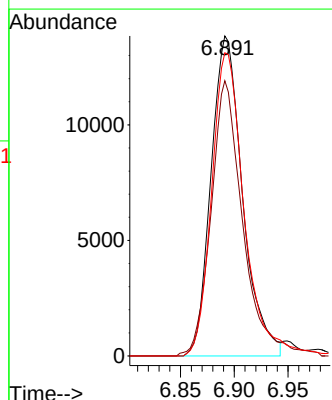
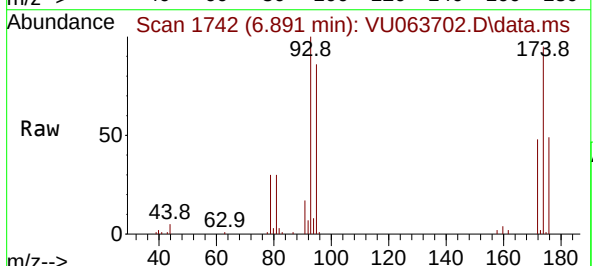
Tgt Ion: 93 Resp: 28202

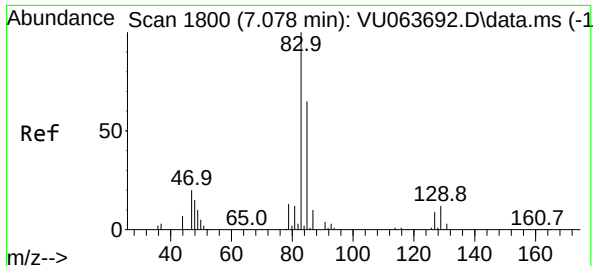
Ion Ratio Lower Upper

93 100

95 86.9 65.9 98.9

174 98.1 74.9 112.3

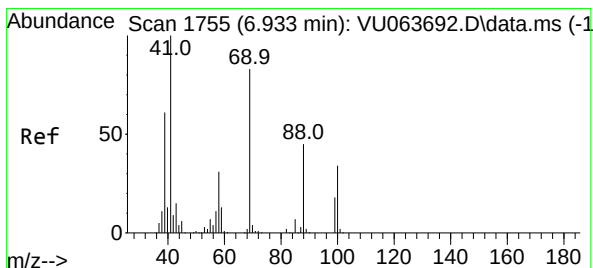
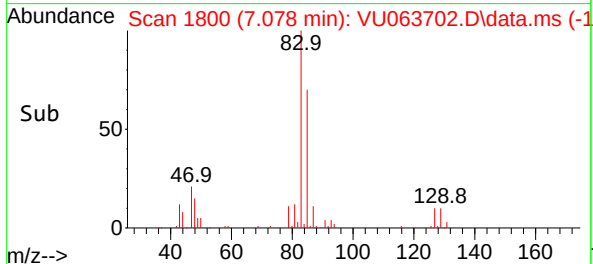
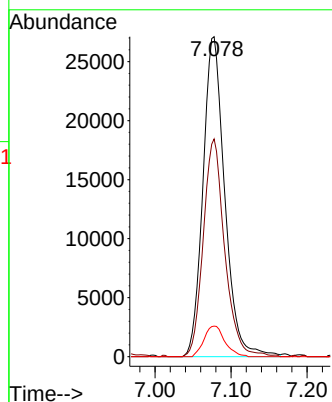
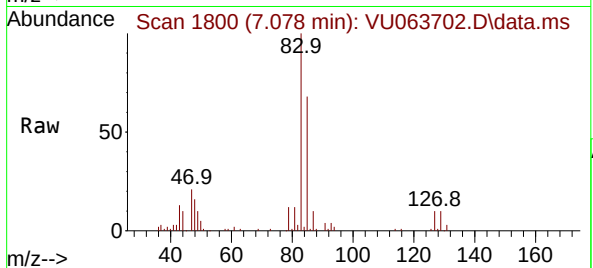




#47
Bromodichloromethane
Concen: 18.551 ug/l
RT: 7.078 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

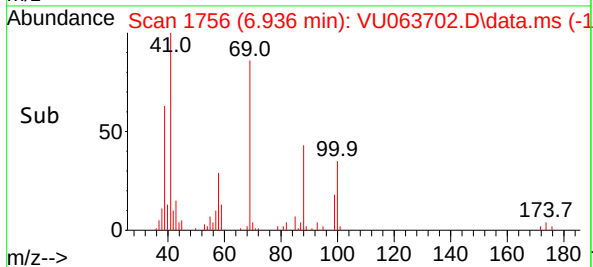
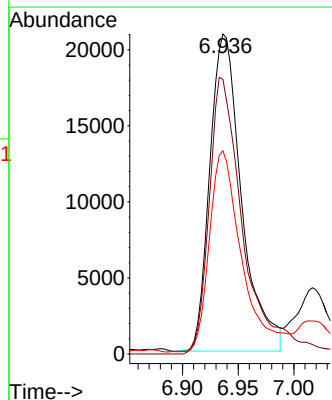
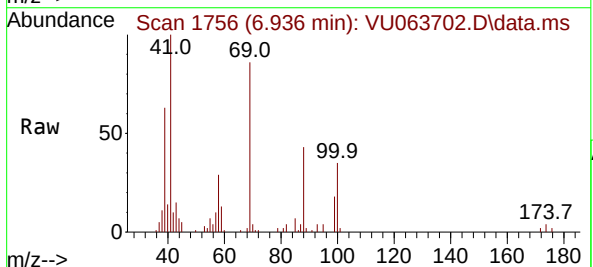
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

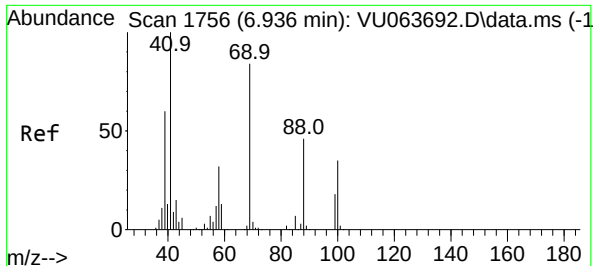
Tgt Ion: 83 Resp: 54000
Ion Ratio Lower Upper
83 100
85 68.1 51.9 77.9
127 9.6 6.9 10.3



#48
Methyl methacrylate
Concen: 18.645 ug/l
RT: 6.936 min Scan# 1756
Delta R.T. 0.003 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 41 Resp: 41403
Ion Ratio Lower Upper
41 100
69 93.6 72.9 109.3
39 64.9 51.0 76.4





#49

1,4-Dioxane

Concen: 367.810 ug/l

RT: 6.939 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

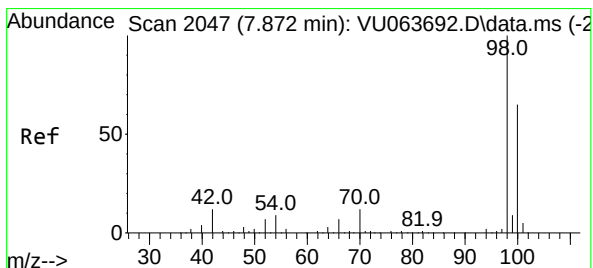
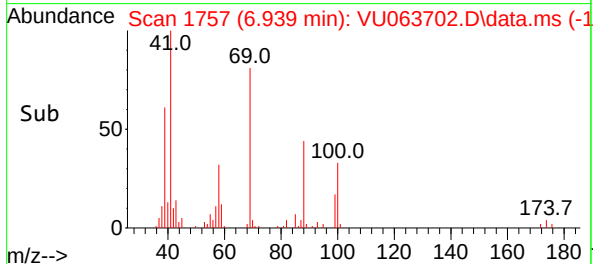
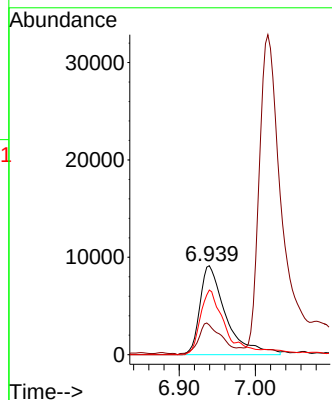
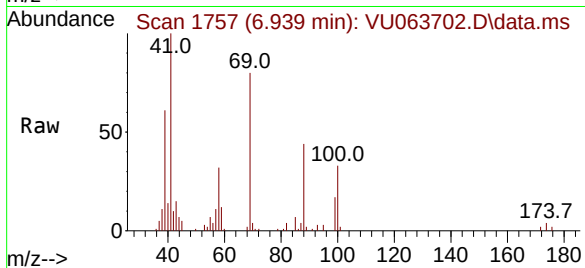
Tgt Ion: 88 Resp: 21639

Ion Ratio Lower Upper

88 100

43 31.6 24.1 36.1

58 68.0 54.2 81.4



#50

Toluene-d8

Concen: 48.145 ug/l

RT: 7.872 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VU063702.D

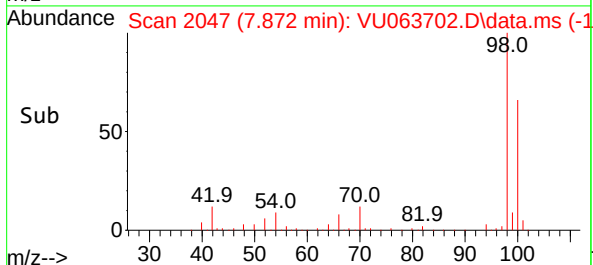
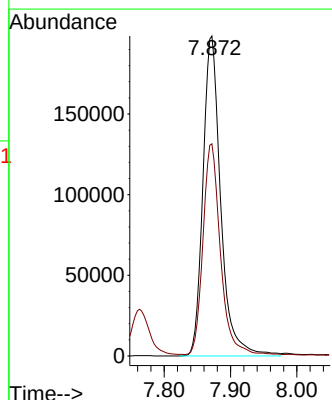
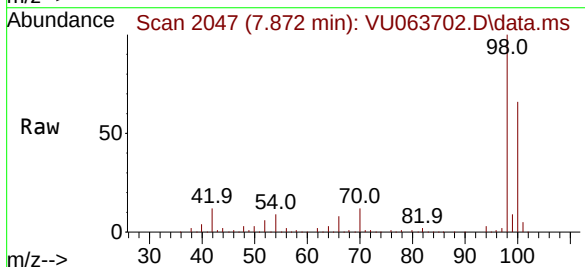
Acq: 11 Nov 2025 12:58

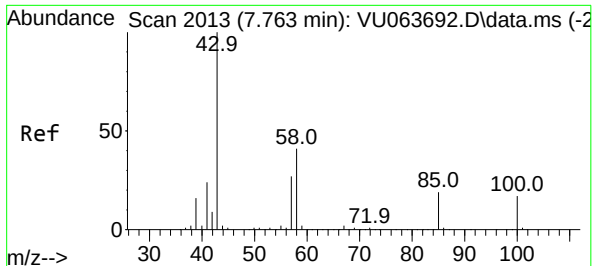
Tgt Ion: 98 Resp: 370421

Ion Ratio Lower Upper

98 100

100 64.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 95.573 ug/l

RT: 7.763 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

Instrument :

MSVOA_U

ClientSampleId :

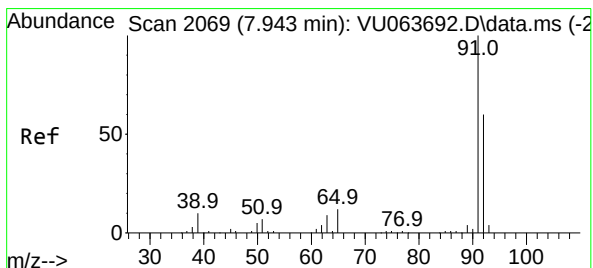
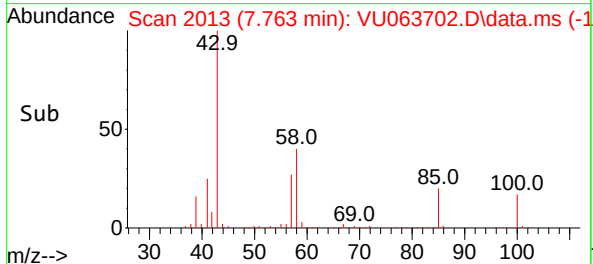
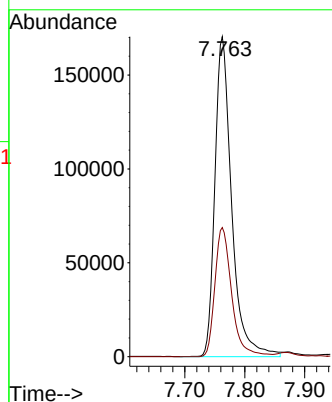
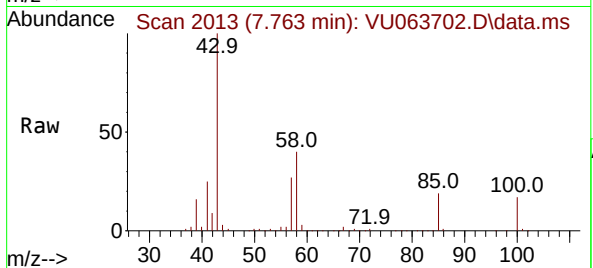
VU1111WBSD01

Tgt Ion: 43 Resp: 330865

Ion Ratio Lower Upper

43 100

58 40.5 32.3 48.5



#52

Toluene

Concen: 19.320 ug/l

RT: 7.943 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VU063702.D

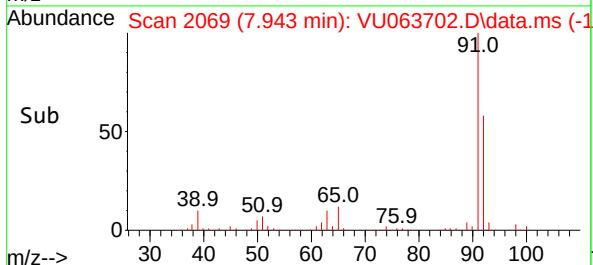
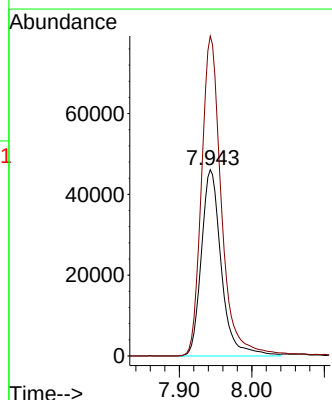
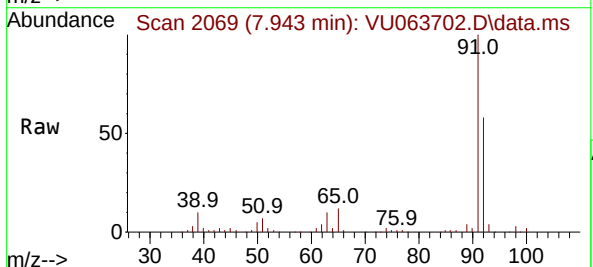
Acq: 11 Nov 2025 12:58

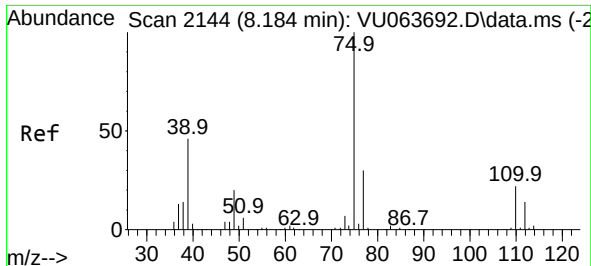
Tgt Ion: 92 Resp: 88196

Ion Ratio Lower Upper

92 100

91 172.5 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 17.405 ug/l

RT: 8.184 min Scan# 2144

Delta R.T. -0.000 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

Instrument :

MSVOA_U

ClientSampleId :

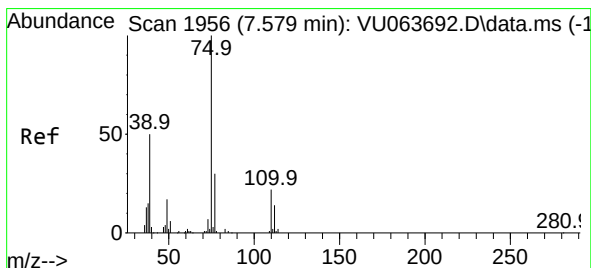
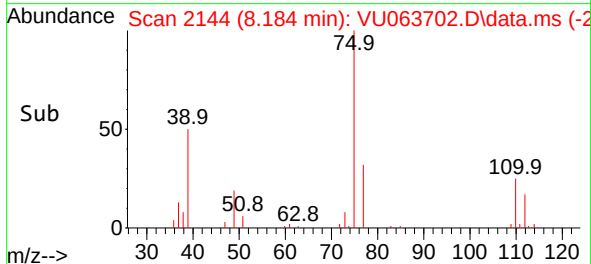
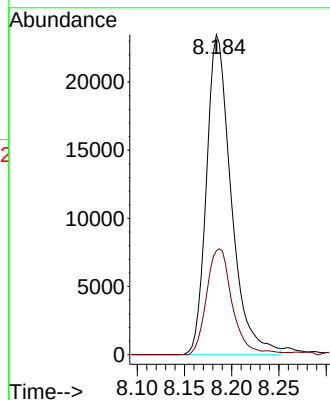
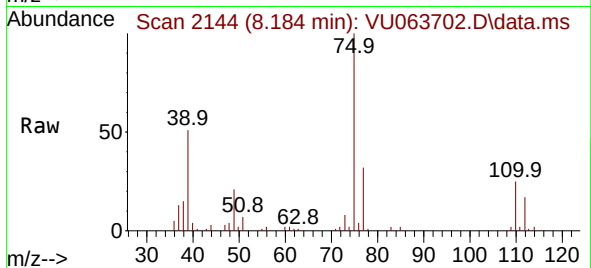
VU1111WBSD01

Tgt Ion: 75 Resp: 42664

Ion Ratio Lower Upper

75 100

77 32.4 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 17.801 ug/l

RT: 7.582 min Scan# 1957

Delta R.T. 0.003 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

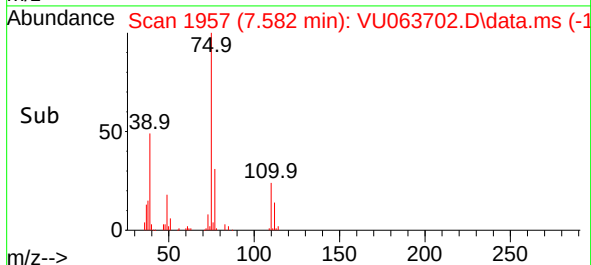
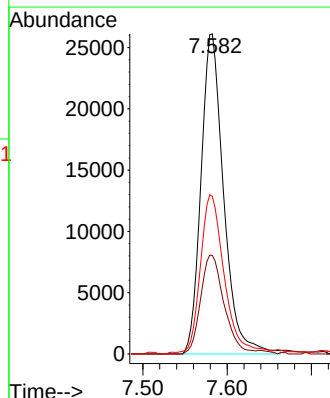
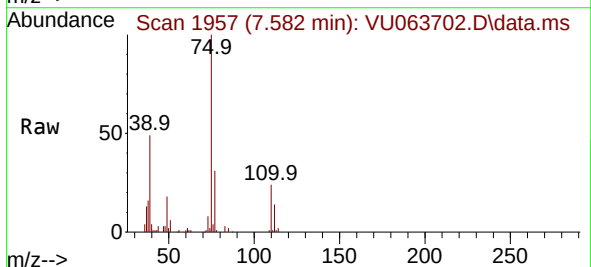
Tgt Ion: 75 Resp: 48905

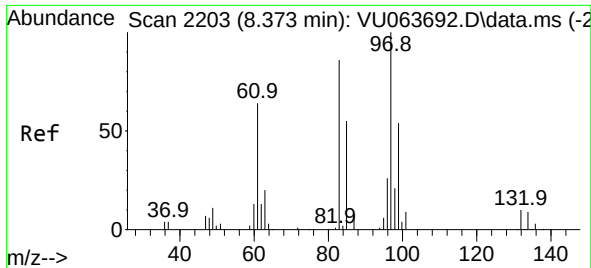
Ion Ratio Lower Upper

75 100

77 30.8 24.3 36.5

39 48.6 40.2 60.2

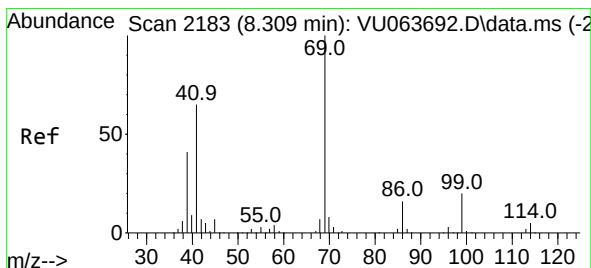
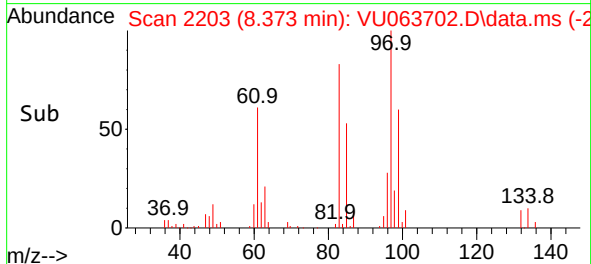
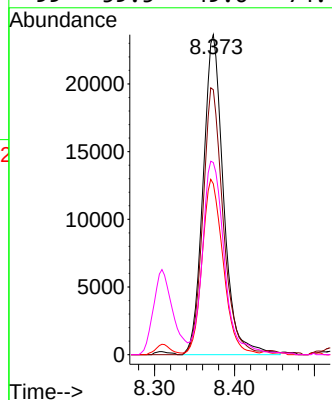
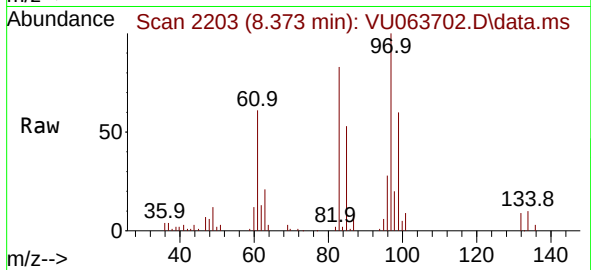




#55
 1,1,2-Trichloroethane
 Concen: 20.109 ug/l
 RT: 8.373 min Scan# 2111
 Delta R.T. -0.000 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

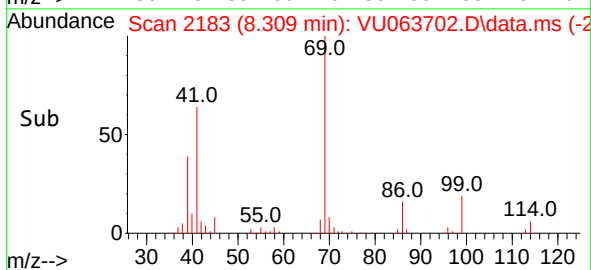
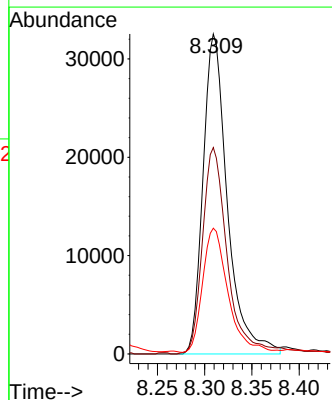
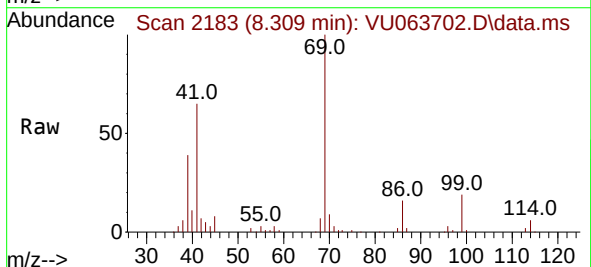
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBSD01

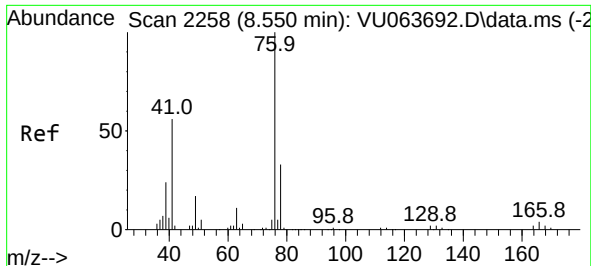
Tgt Ion: 97	Resp: 42125
Ion Ratio	Lower Upper
97 100	
83 82.8	69.0 103.4
85 52.8	44.2 66.4
99 59.5	49.6 74.4



#56
 Ethyl methacrylate
 Concen: 18.883 ug/l
 RT: 8.309 min Scan# 2183
 Delta R.T. -0.000 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

Tgt Ion: 69	Resp: 58368
Ion Ratio	Lower Upper
69 100	
41 66.7	51.4 77.2
39 40.3	32.2 48.4





#57

1,3-Dichloropropane

Concen: 19.448 ug/l

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

Instrument :

MSVOA_U

ClientSampleId :

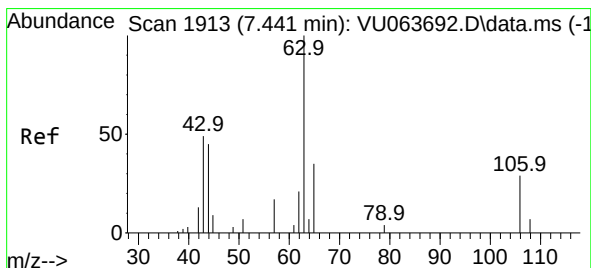
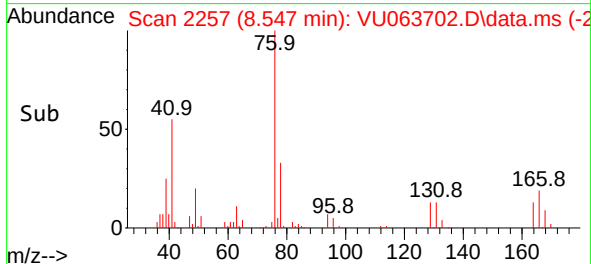
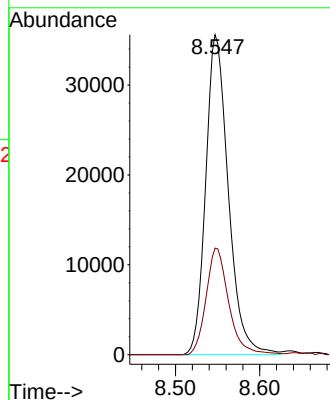
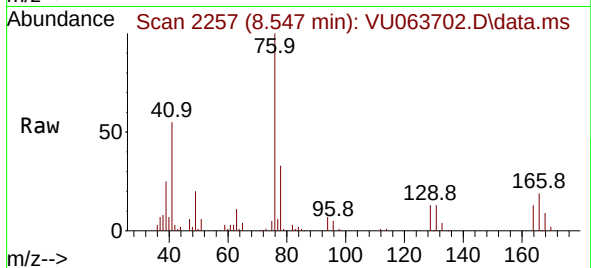
VU1111WBSD01

Tgt Ion: 76 Resp: 66465

Ion Ratio Lower Upper

76 100

78 33.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 26.124 ug/l

RT: 7.451 min Scan# 1916

Delta R.T. 0.010 min

Lab File: VU063702.D

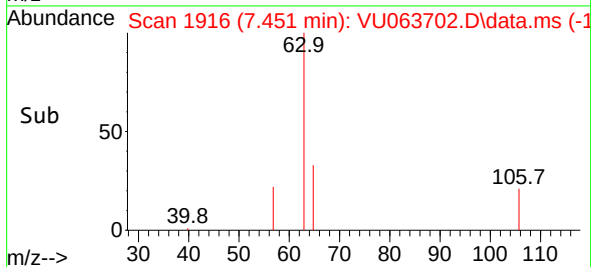
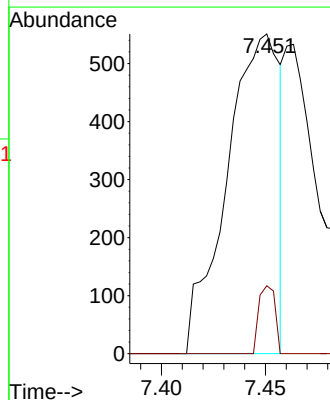
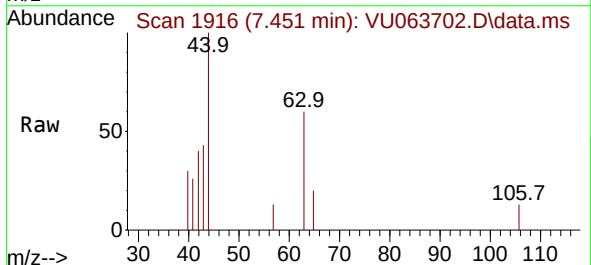
Acq: 11 Nov 2025 12:58

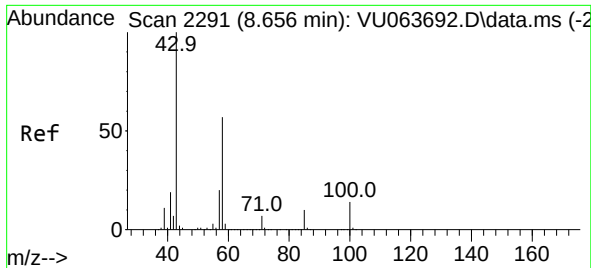
Tgt Ion: 63 Resp: 971

Ion Ratio Lower Upper

63 100

106 6.5 15.8 23.8#

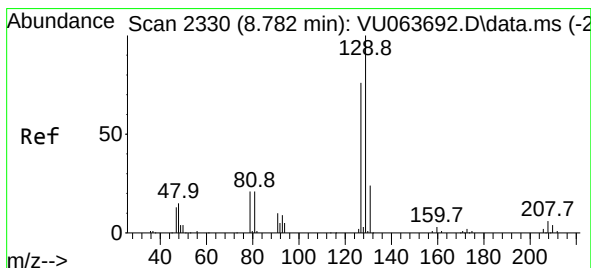
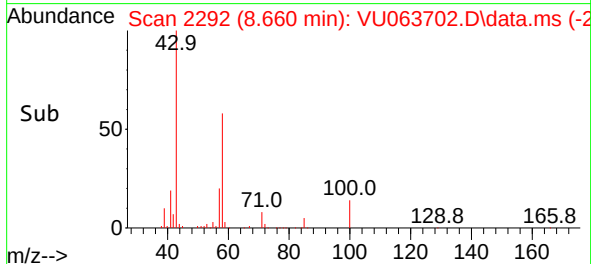
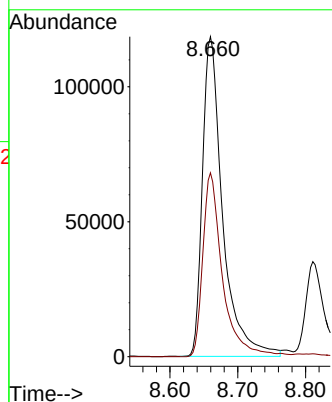
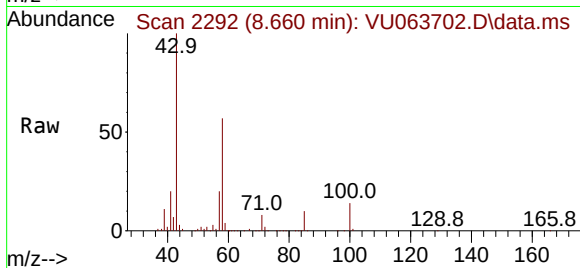




#59
2-Hexanone
Concen: 95.001 ug/l
RT: 8.660 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

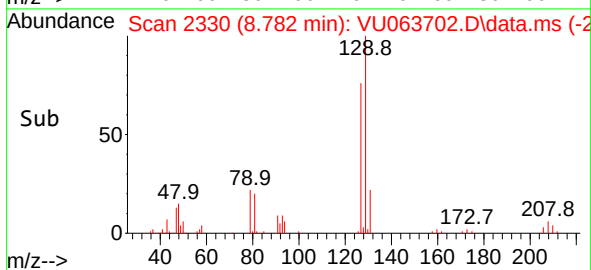
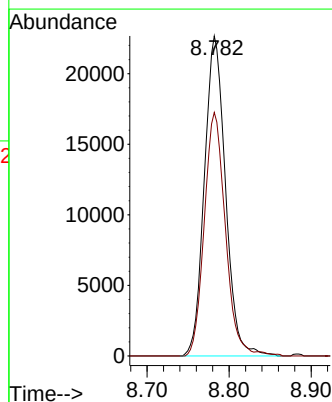
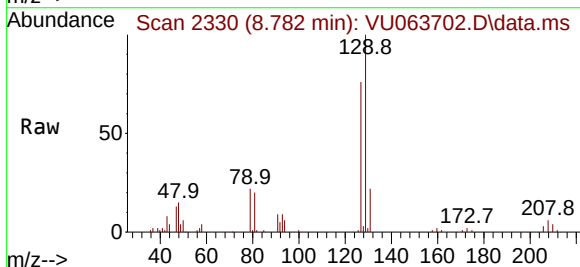
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

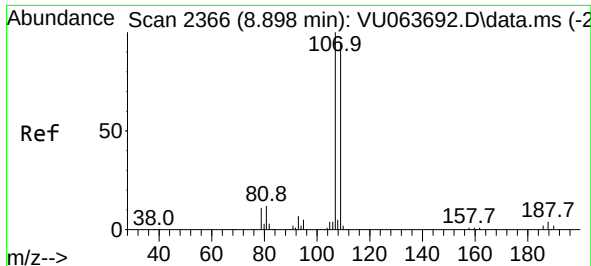
Tgt Ion: 43 Resp: 244957
Ion Ratio Lower Upper
43 100
58 55.7 28.4 85.3



#60
Dibromochloromethane
Concen: 18.466 ug/l
RT: 8.782 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion:129 Resp: 40517
Ion Ratio Lower Upper
129 100
127 76.3 38.2 114.6

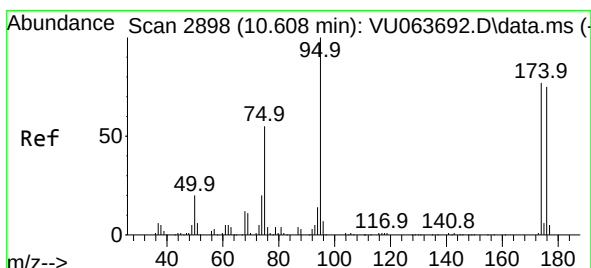
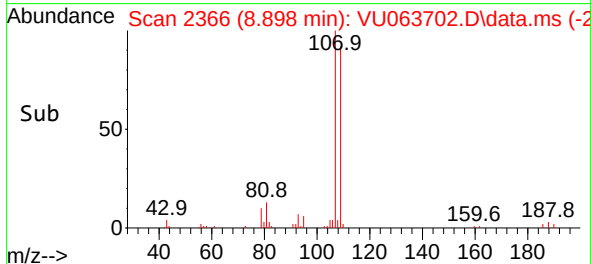
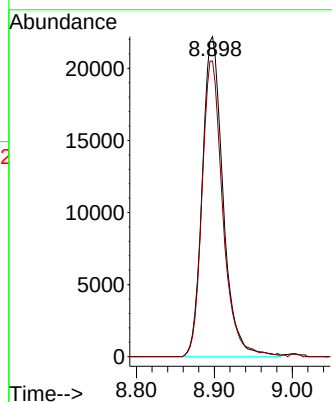
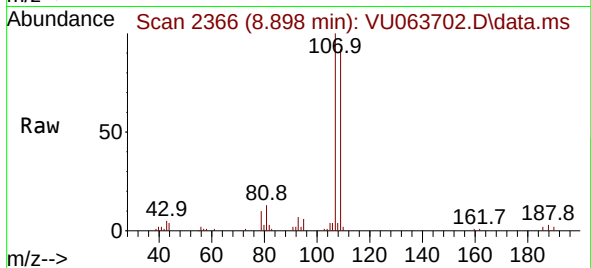




#61
1,2-Dibromoethane
Concen: 20.360 ug/l
RT: 8.898 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

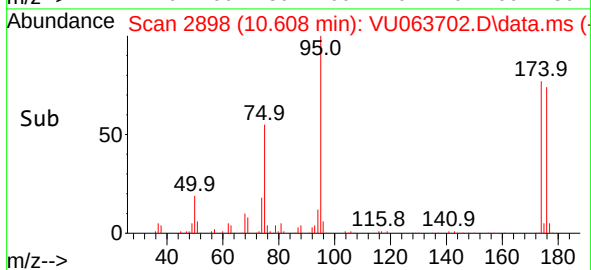
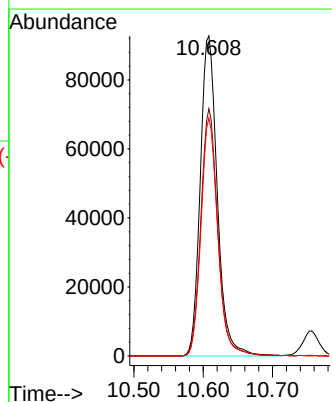
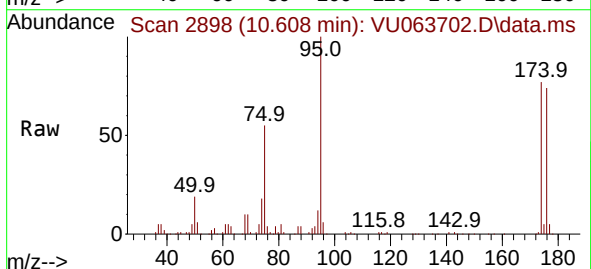
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

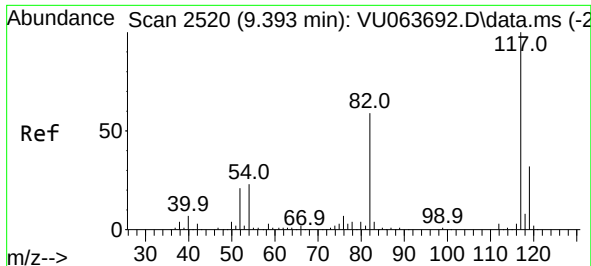
Tgt Ion:107 Resp: 41098
Ion Ratio Lower Upper
107 100
109 92.4 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 49.801 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 95 Resp: 158501
Ion Ratio Lower Upper
95 100
174 76.6 0.0 154.6
176 73.3 0.0 148.4

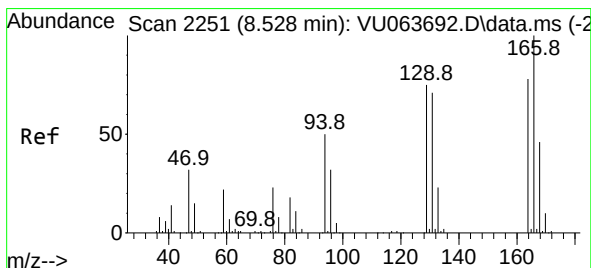
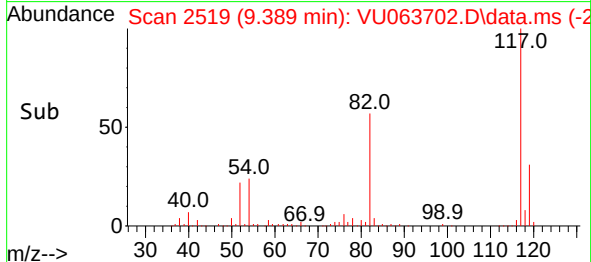
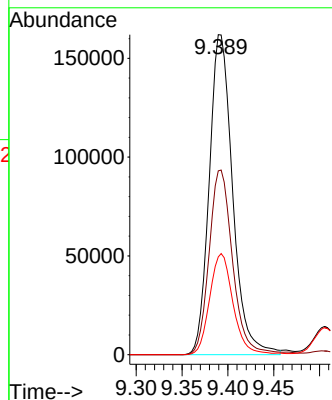
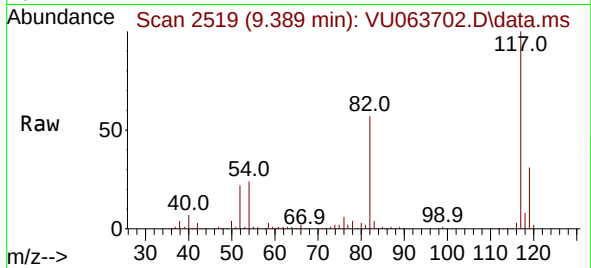




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.389 min Scan# 211
Delta R.T. -0.003 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

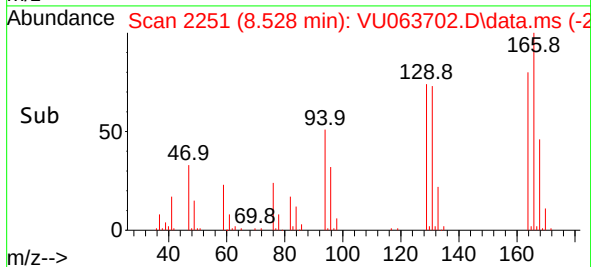
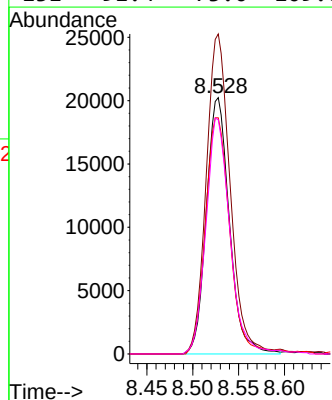
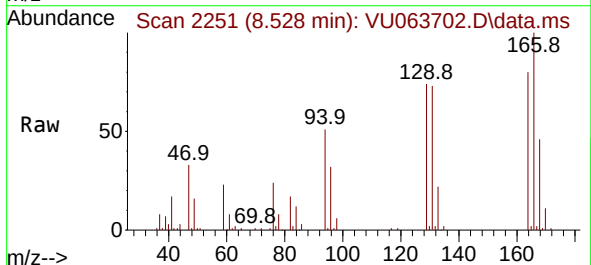
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

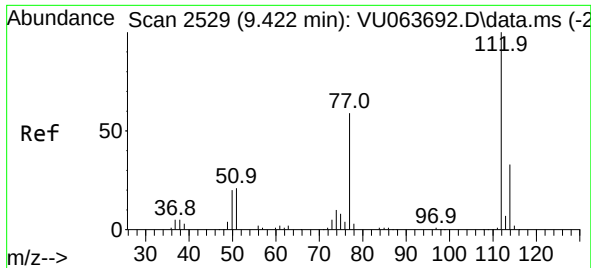
Tgt Ion:117 Resp: 288060
Ion Ratio Lower Upper
117 100
82 57.5 46.9 70.3
119 30.6 25.8 38.8



#64
Tetrachloroethene
Concen: 19.069 ug/l
RT: 8.528 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion:164 Resp: 35439
Ion Ratio Lower Upper
164 100
166 124.9 102.5 153.7
129 92.2 77.1 115.7
131 91.4 73.0 109.6

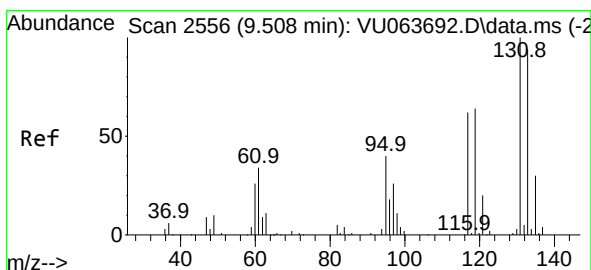
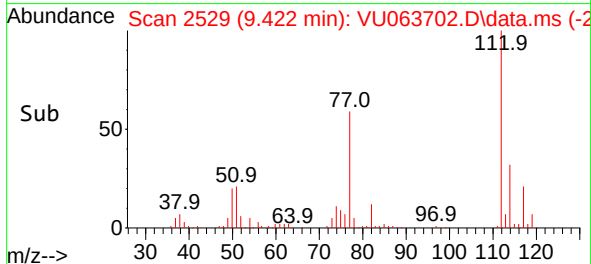
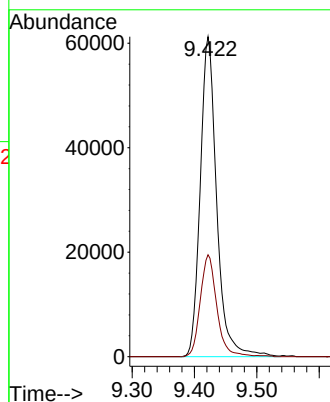
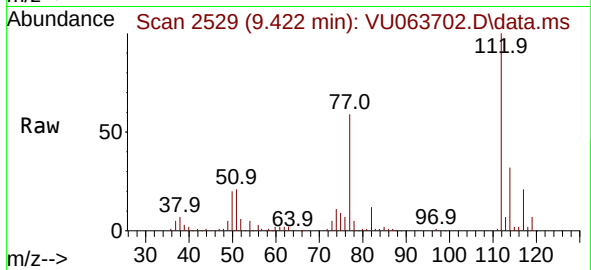




#65
Chlorobenzene
Concen: 19.986 ug/l
RT: 9.422 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

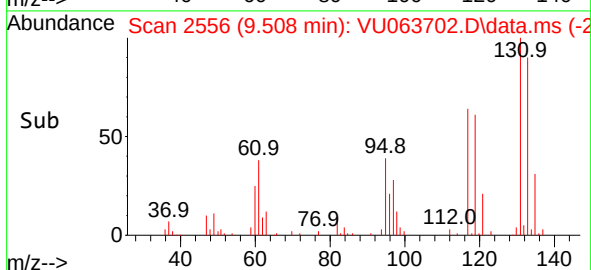
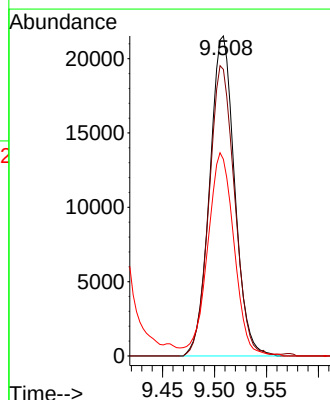
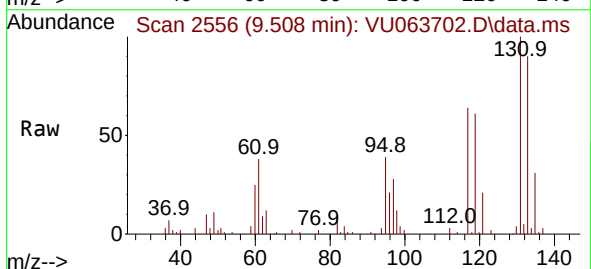
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

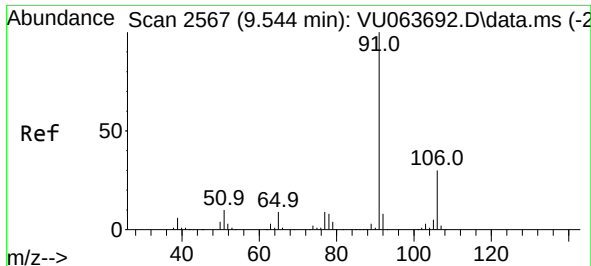
Tgt Ion:112 Resp: 112495
Ion Ratio Lower Upper
112 100
114 31.8 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.822 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion:131 Resp: 36033
Ion Ratio Lower Upper
131 100
133 92.5 47.5 142.5
119 67.2 33.3 99.8

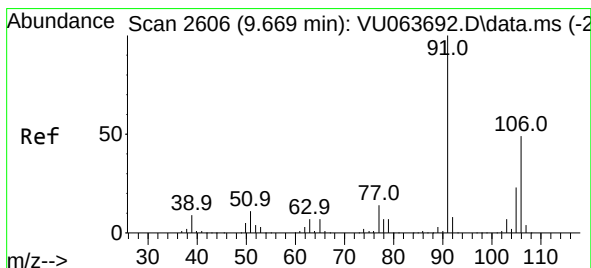
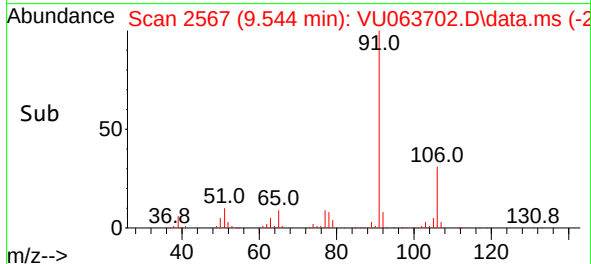
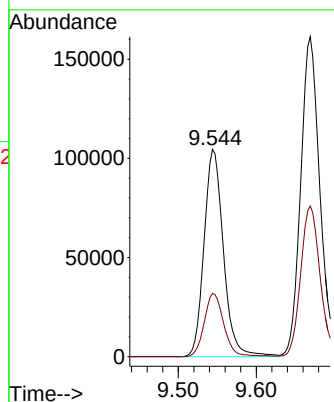
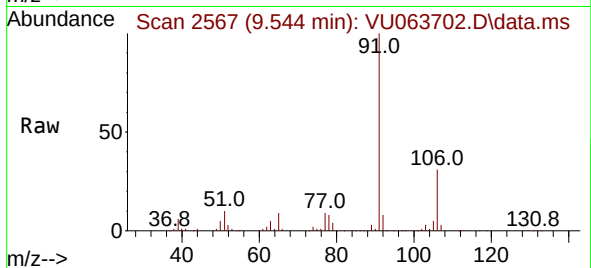




#67
Ethyl Benzene
Concen: 19.301 ug/l
RT: 9.544 min Scan# 2567
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

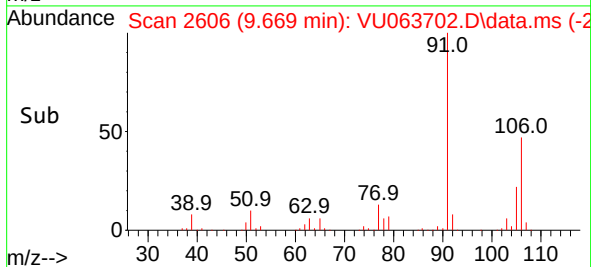
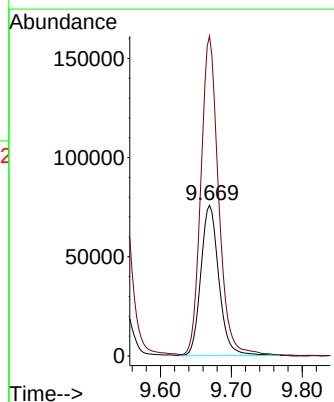
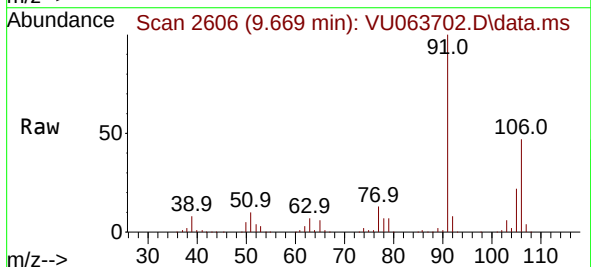
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

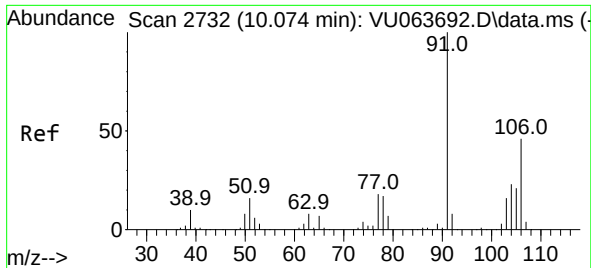
Tgt Ion: 91 Resp: 180950
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.8



#68
m/p-Xylenes
Concen: 38.700 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion:106 Resp: 133921
Ion Ratio Lower Upper
106 100
91 208.7 165.7 248.5

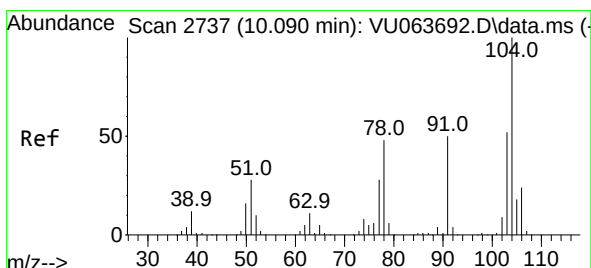
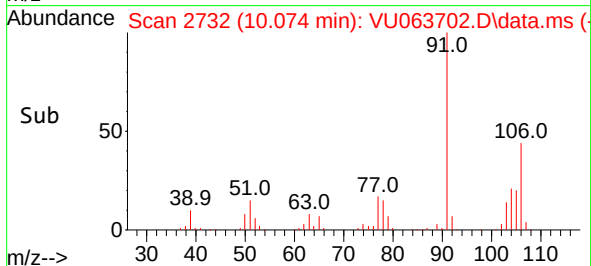
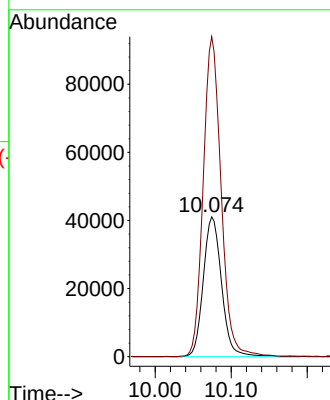
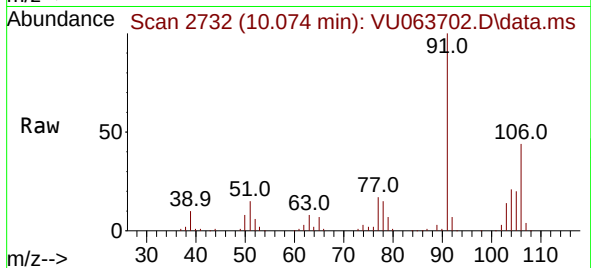




#69
o-Xylene
Concen: 19.177 ug/l
RT: 10.074 min Scan# 2732
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

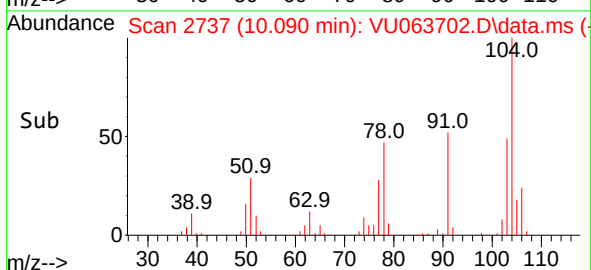
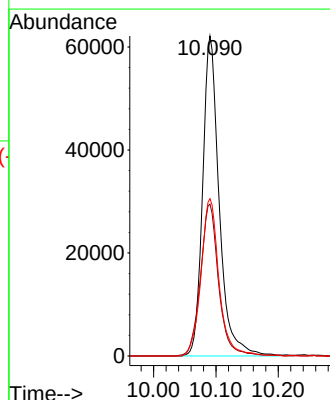
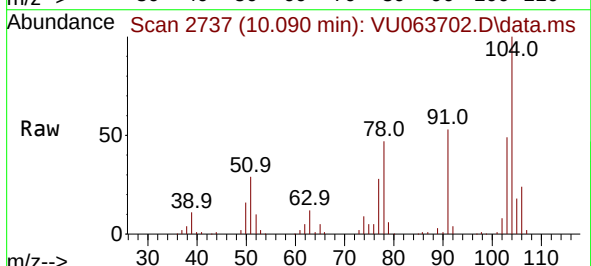
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

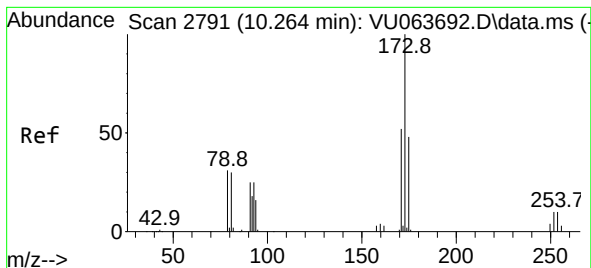
Tgt Ion:106 Resp: 68477
Ion Ratio Lower Upper
106 100
91 224.6 108.7 325.9



#70
Styrene
Concen: 20.010 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion:104 Resp: 114771
Ion Ratio Lower Upper
104 100
78 51.9 42.7 64.1
103 53.4 44.0 66.0





#71

Bromoform

Concen: 17.799 ug/l

RT: 10.264 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

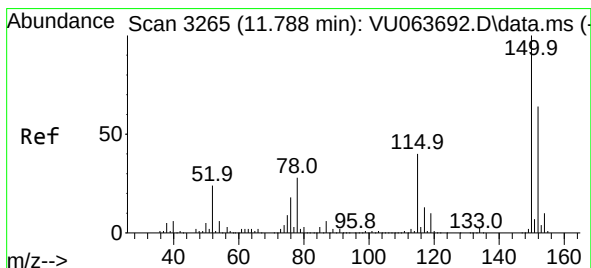
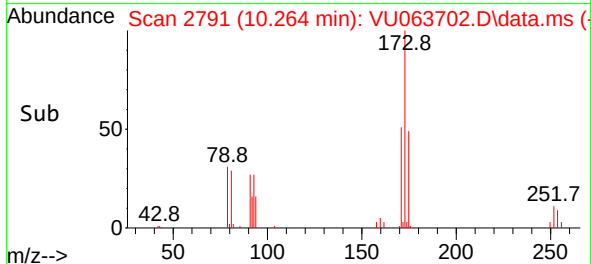
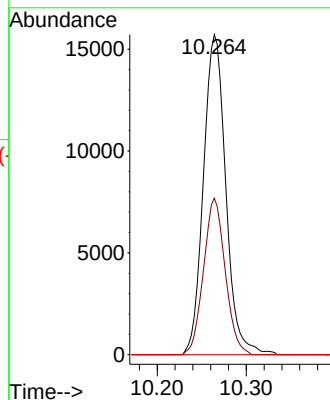
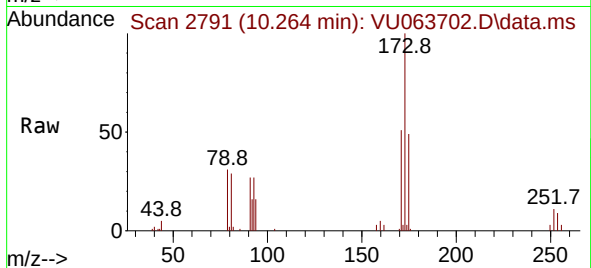
Tgt Ion:173 Resp: 27439

Ion Ratio Lower Upper

173 100

175 47.3 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: VU063702.D

Acq: 11 Nov 2025 12:58

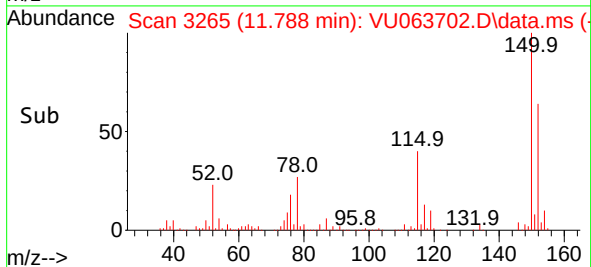
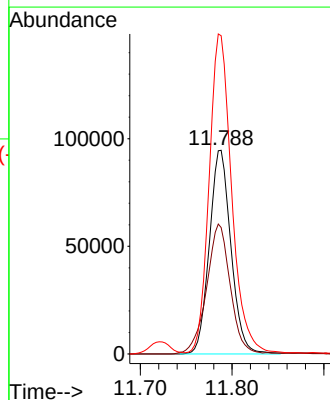
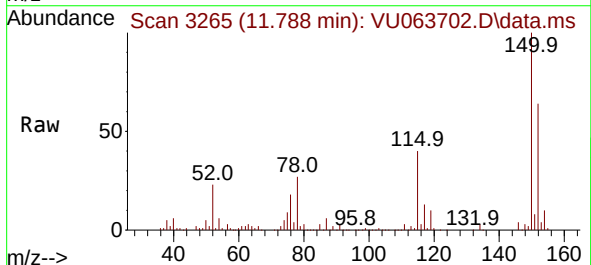
Tgt Ion:152 Resp: 154810

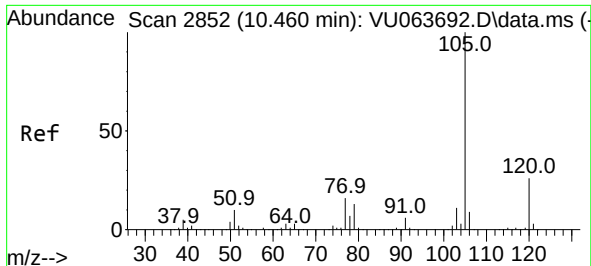
Ion Ratio Lower Upper

152 100

115 69.9 41.0 123.0

150 162.9 0.0 342.2

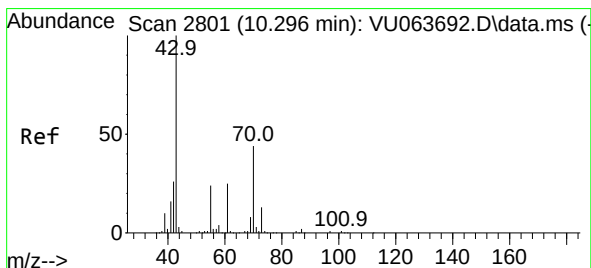
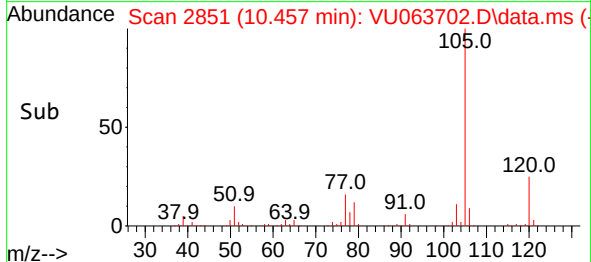
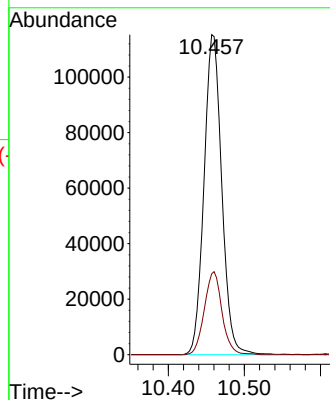
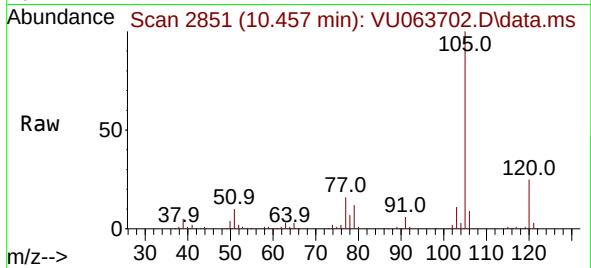




#73
Isopropylbenzene
Concen: 19.203 ug/l
RT: 10.457 min Scan# 2851
Delta R.T. -0.003 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

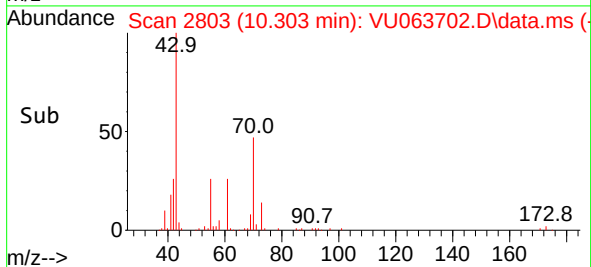
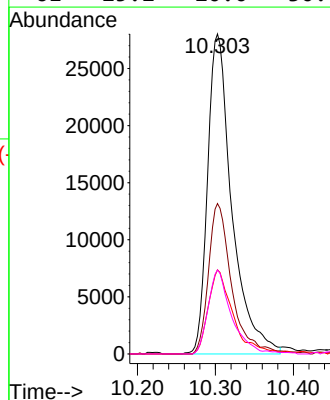
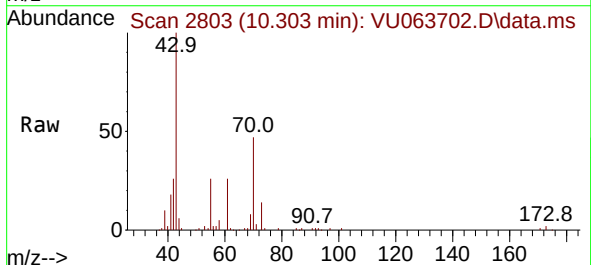
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

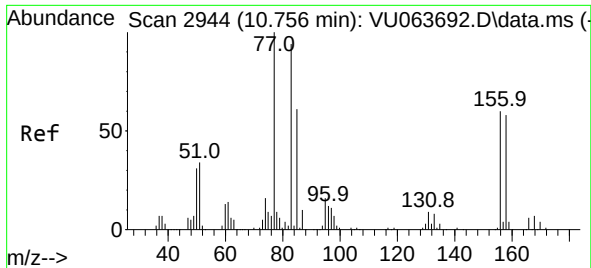
Tgt Ion:105 Resp: 186771
Ion Ratio Lower Upper
105 100
120 25.9 13.0 38.9



#74
N-ethyl acetate
Concen: 17.934 ug/l
RT: 10.303 min Scan# 2803
Delta R.T. 0.006 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 43 Resp: 60772
Ion Ratio Lower Upper
43 100
70 45.0 36.5 54.7
55 26.5 20.6 30.8
61 25.2 20.0 30.0

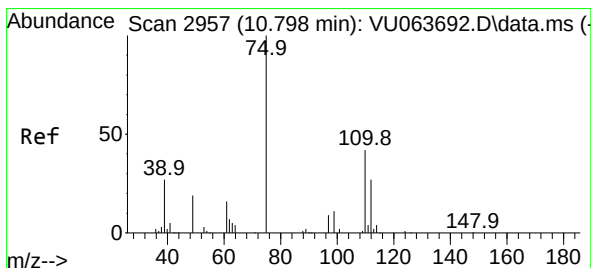
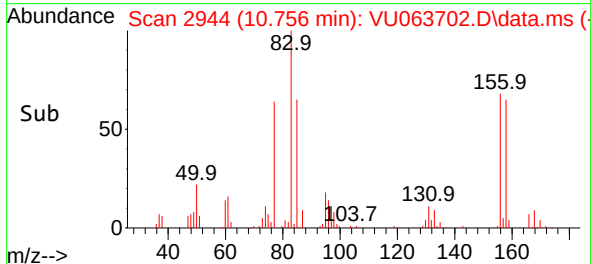
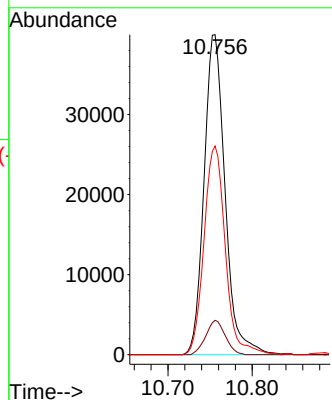
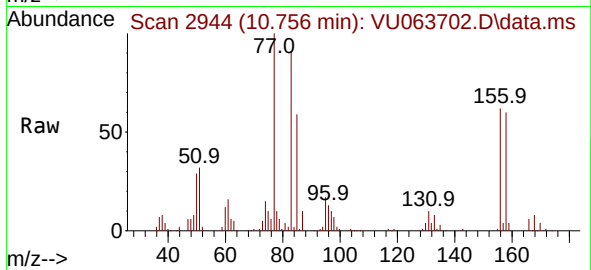




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.600 ug/l
 RT: 10.756 min Scan# 2944
 Delta R.T. -0.000 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

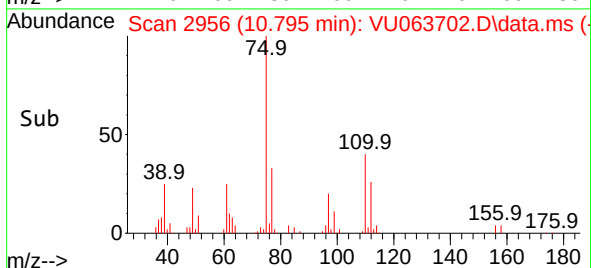
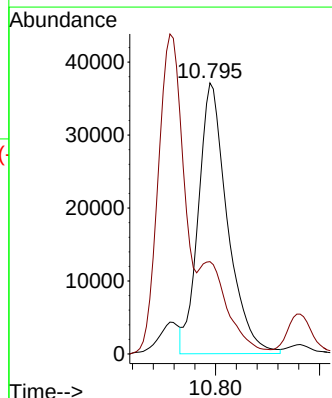
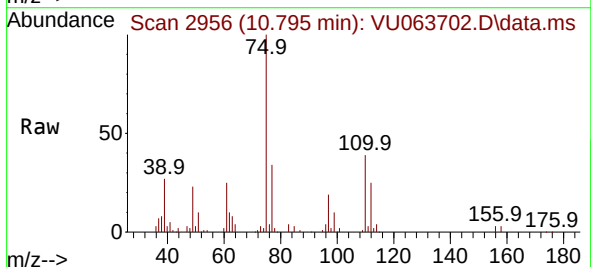
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBSD01

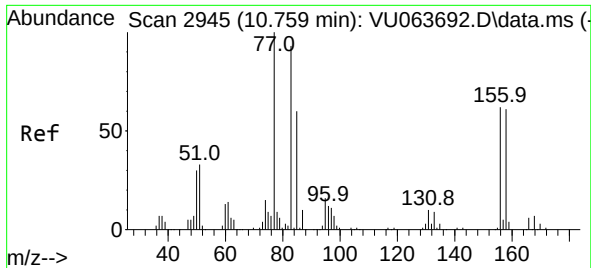
Tgt Ion: 83 Resp: 69471
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.8 14.4
 85 66.0 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 18.451 ug/l
 RT: 10.795 min Scan# 2956
 Delta R.T. -0.003 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

Tgt Ion: 75 Resp: 71981
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

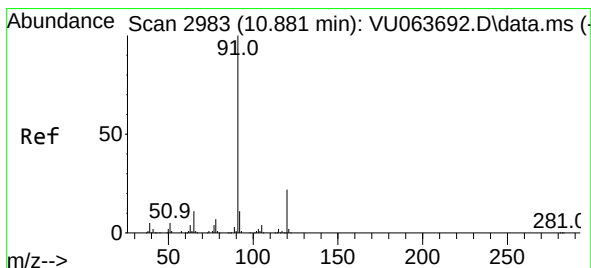
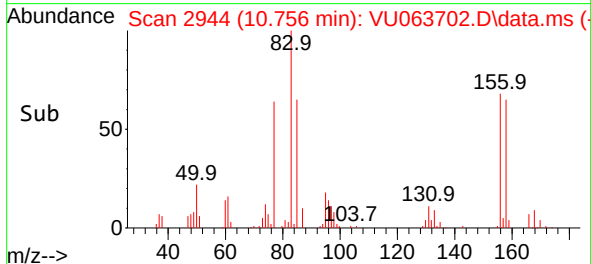
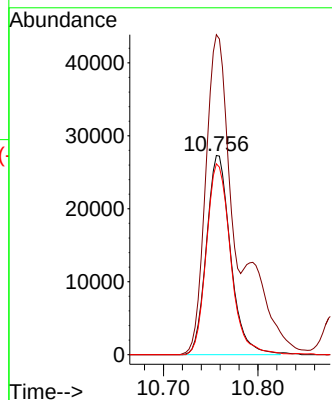
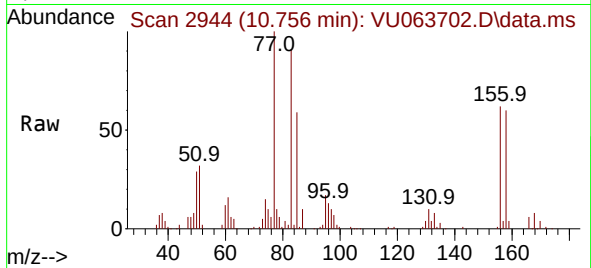




#77
Bromobenzene
Concen: 19.746 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. -0.003 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

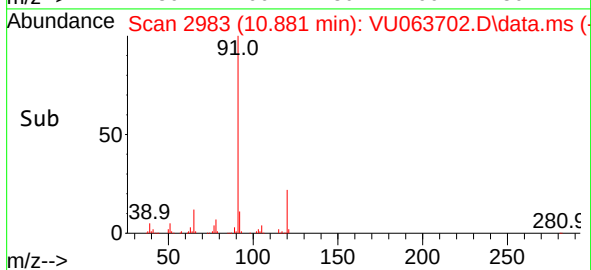
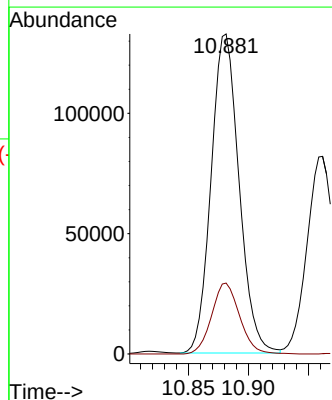
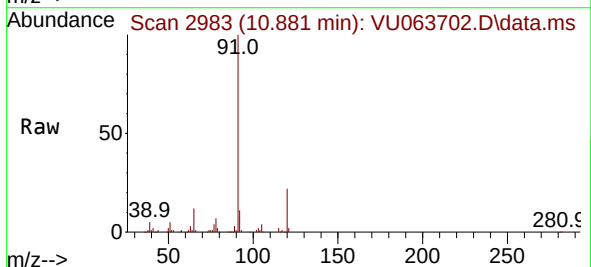
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

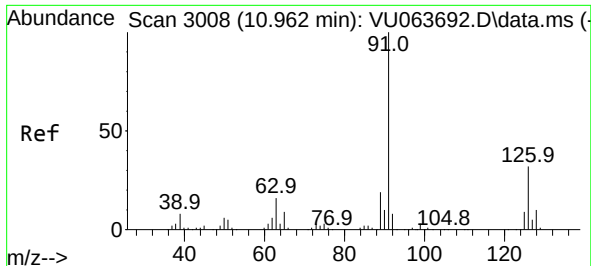
Tgt Ion:156 Resp: 48321
Ion Ratio Lower Upper
156 100
77 158.3 81.4 244.2
158 96.4 48.8 146.3



#78
n-propylbenzene
Concen: 19.260 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 91 Resp: 214893
Ion Ratio Lower Upper
91 100
120 22.2 11.2 33.6





#79

2-Chlorotoluene

Concen: 18.753 ug/l

RT: 10.962 min Scan# 3008

Delta R.T. -0.000 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

Instrument :

MSVOA_U

ClientSampleId :

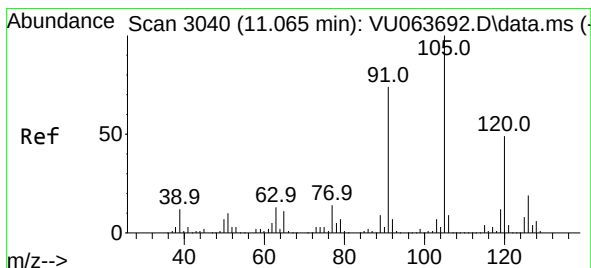
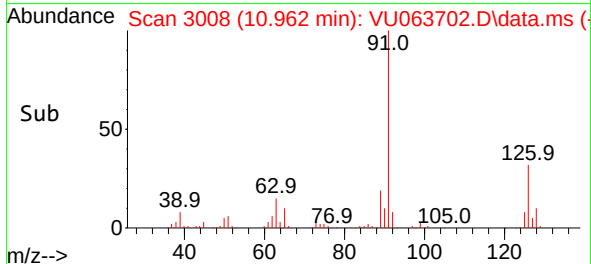
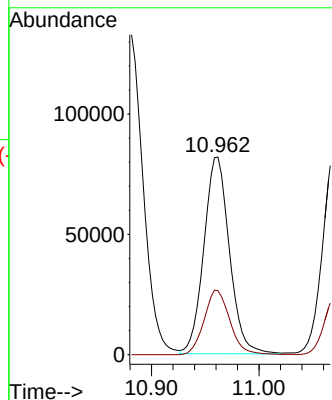
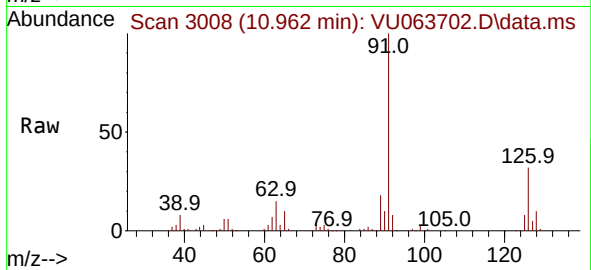
VU1111WBSD01

Tgt Ion: 91 Resp: 135246

Ion Ratio Lower Upper

91 100

126 33.0 16.4 49.1



#80

1,3,5-Trimethylbenzene

Concen: 19.150 ug/l

RT: 11.061 min Scan# 3039

Delta R.T. -0.003 min

Lab File: VU063702.D

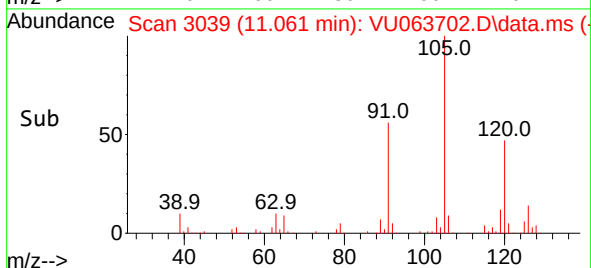
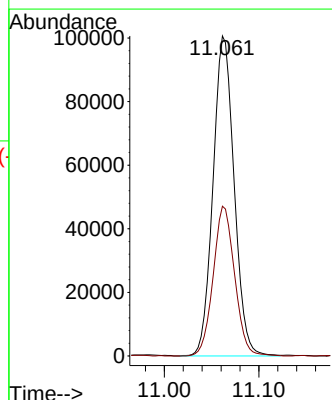
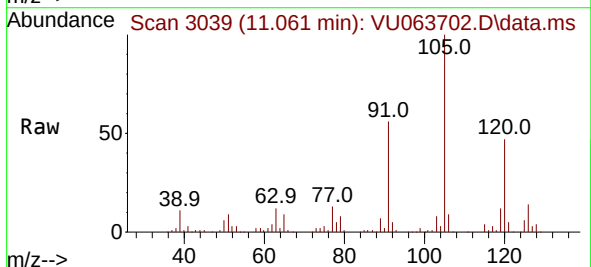
Acq: 11 Nov 2025 12:58

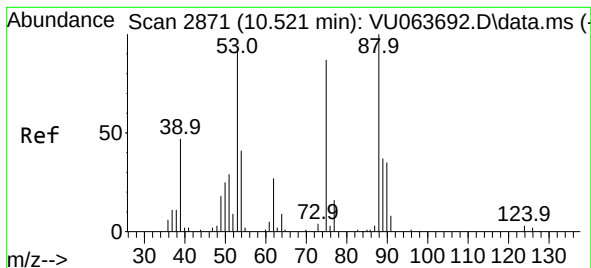
Tgt Ion:105 Resp: 156178

Ion Ratio Lower Upper

105 100

120 47.5 24.1 72.2

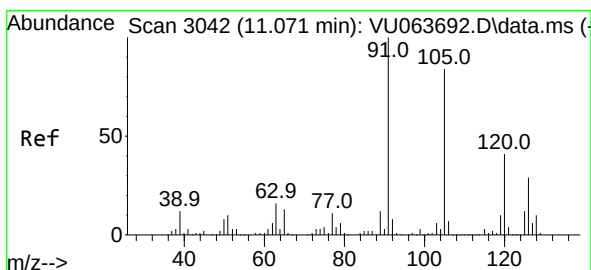
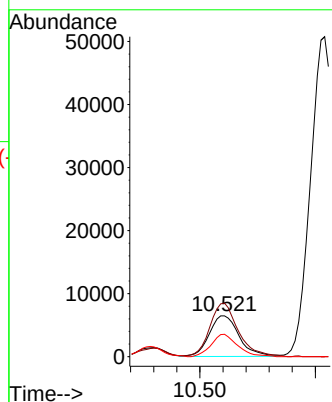
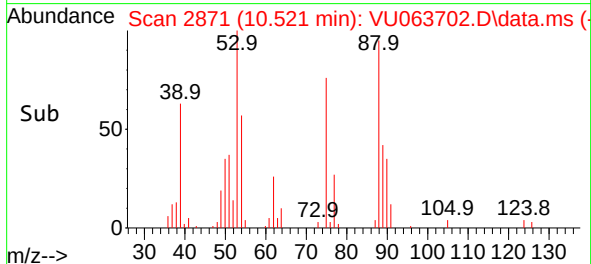
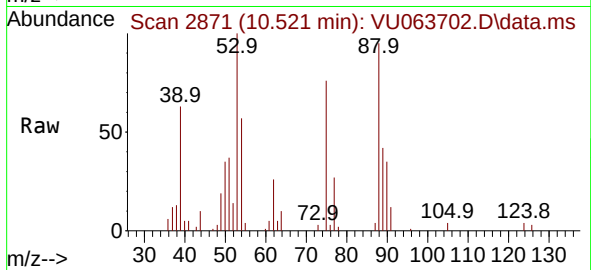




#81
 trans-1,4-Dichloro-2-butene
 Concen: 15.786 ug/l
 RT: 10.521 min Scan# 2871
 Delta R.T. -0.000 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

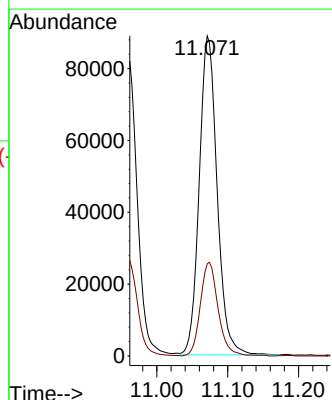
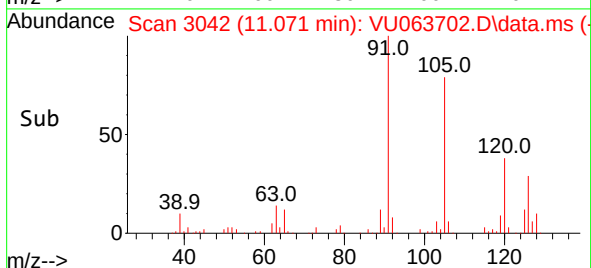
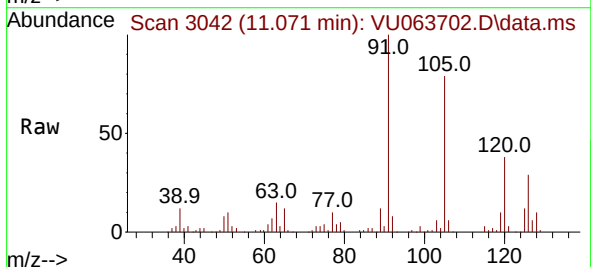
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBSD01

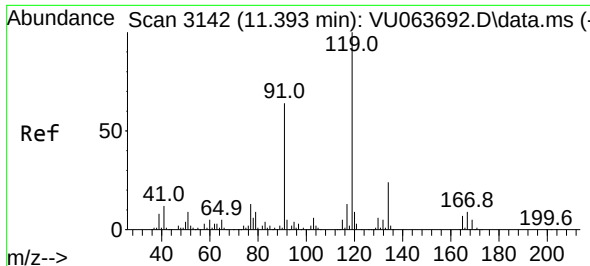
Tgt Ion: 75 Resp: 11560
 Ion Ratio Lower Upper
 75 100
 53 126.1 86.5 129.7
 89 48.9 35.2 52.8



#82
 4-Chlorotoluene
 Concen: 19.003 ug/l
 RT: 11.071 min Scan# 3042
 Delta R.T. -0.000 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

Tgt Ion: 91 Resp: 155730
 Ion Ratio Lower Upper
 91 100
 126 29.2 14.2 42.8

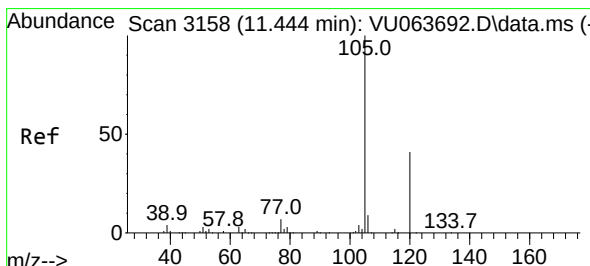
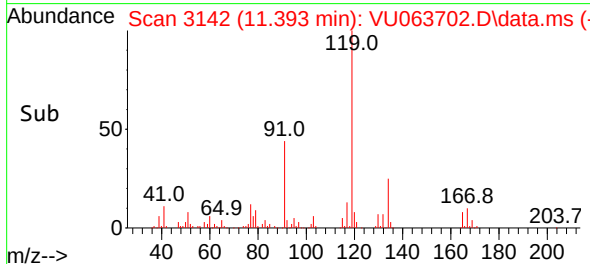
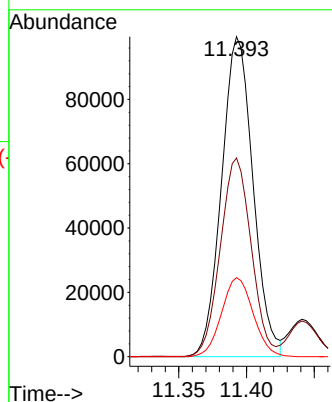
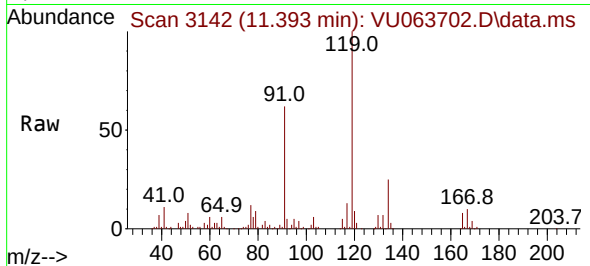




#83
 tert-Butylbenzene
 Concen: 18.904 ug/l
 RT: 11.393 min Scan# 3142
 Delta R.T. -0.000 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

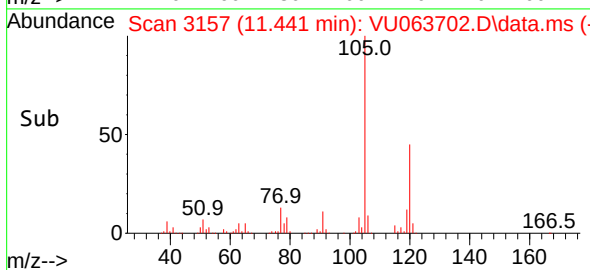
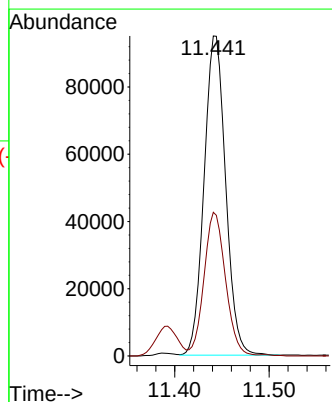
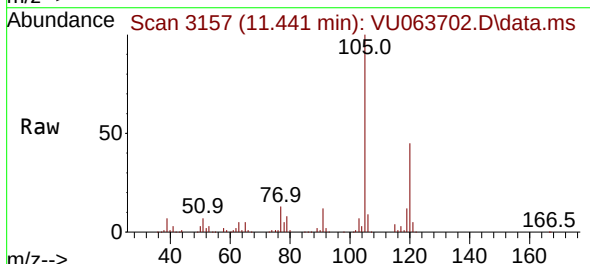
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBSD01

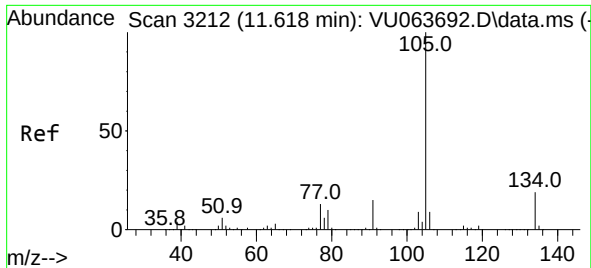
Tgt Ion:119 Resp: 160585
 Ion Ratio Lower Upper
 119 100
 91 60.8 30.8 92.3
 134 24.8 11.9 35.5



#84
 1,2,4-Trimethylbenzene
 Concen: 18.809 ug/l
 RT: 11.441 min Scan# 3157
 Delta R.T. -0.003 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

Tgt Ion:105 Resp: 150529
 Ion Ratio Lower Upper
 105 100
 120 44.2 22.4 67.3

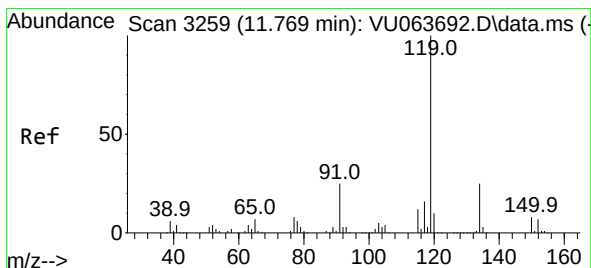
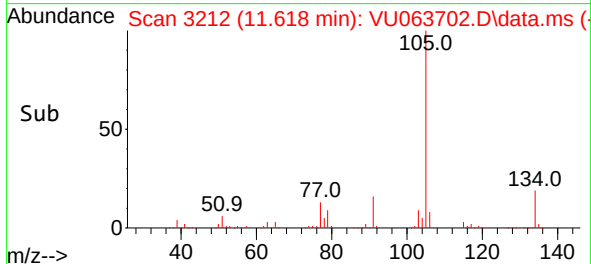
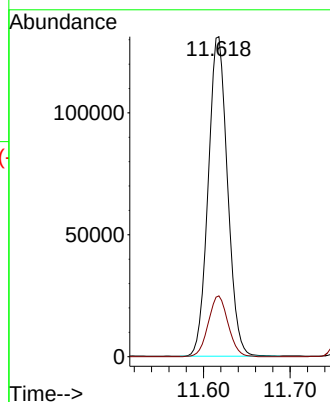
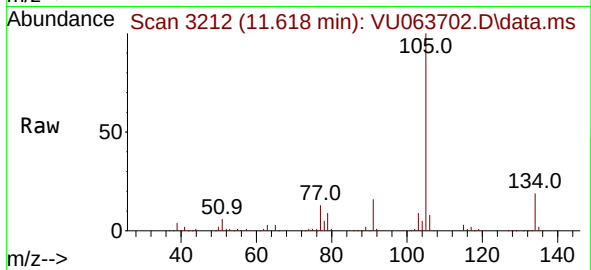




#85
 sec-Butylbenzene
 Concen: 18.914 ug/l
 RT: 11.618 min Scan# 3212
 Delta R.T. -0.000 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

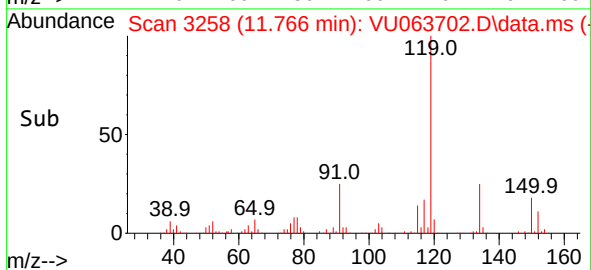
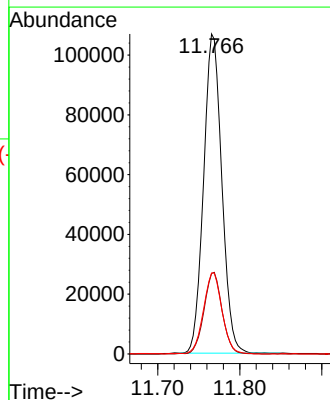
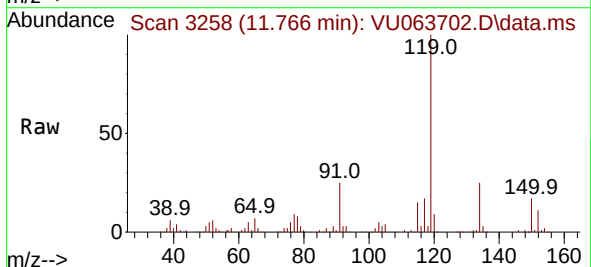
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBSD01

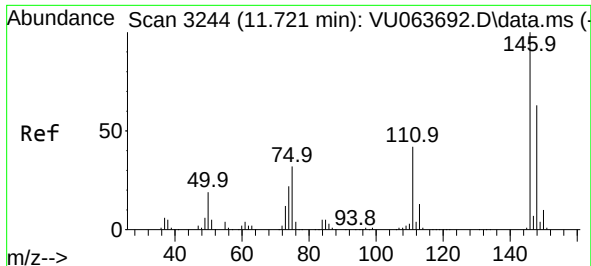
Tgt Ion:105 Resp: 202965
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 19.070 ug/l
 RT: 11.766 min Scan# 3258
 Delta R.T. -0.003 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

Tgt Ion:119 Resp: 164276
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.6 37.6
 91 25.9 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 19.664 ug/l

RT: 11.721 min Scan# 3244

Delta R.T. -0.000 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

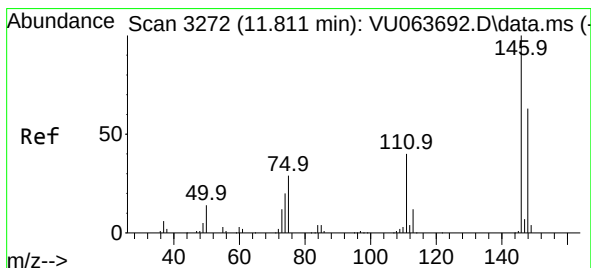
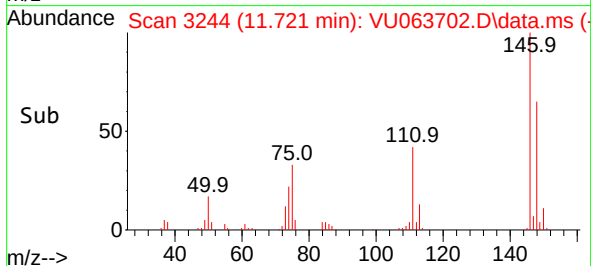
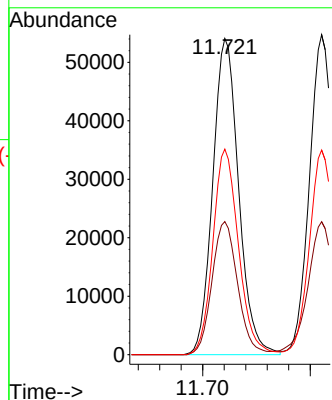
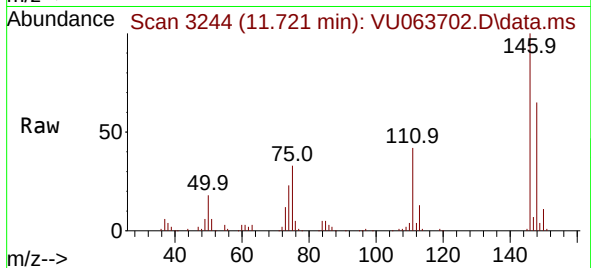
Tgt Ion:146 Resp: 90404

Ion Ratio Lower Upper

146 100

111 41.7 20.6 61.8

148 64.5 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 19.182 ug/l

RT: 11.811 min Scan# 3272

Delta R.T. -0.000 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

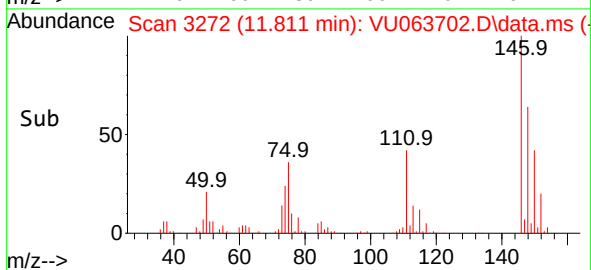
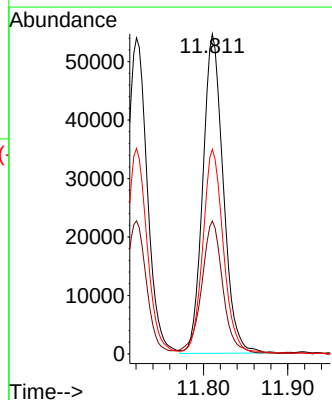
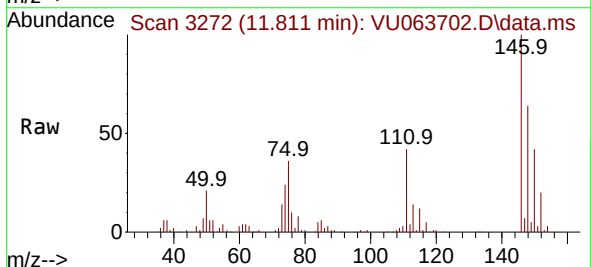
Tgt Ion:146 Resp: 92263

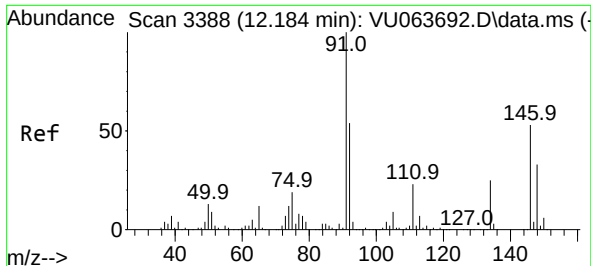
Ion Ratio Lower Upper

146 100

111 42.6 20.4 61.3

148 64.2 31.4 94.3

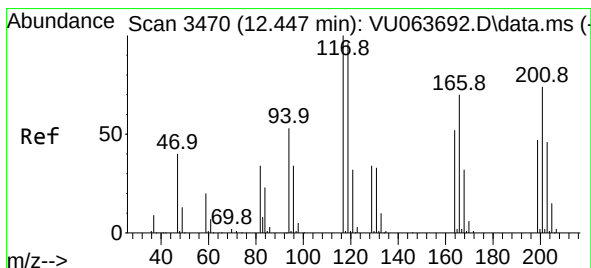
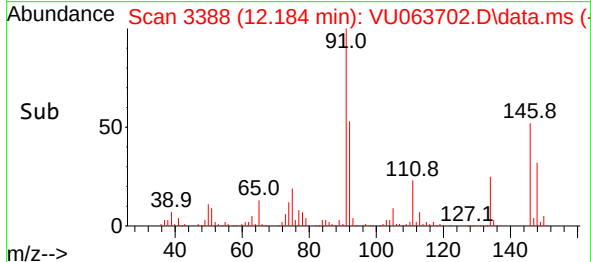
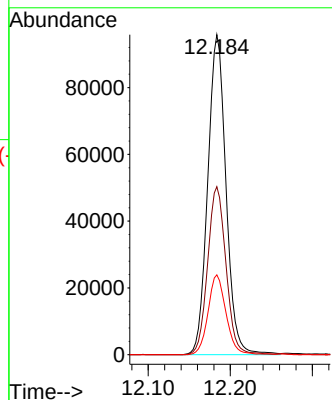
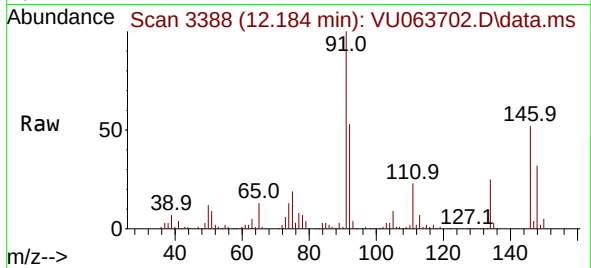




#89
n-Butylbenzene
Concen: 18.737 ug/l
RT: 12.184 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

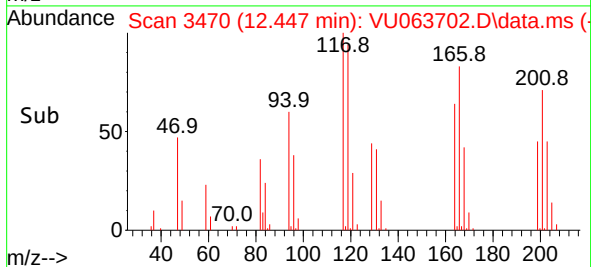
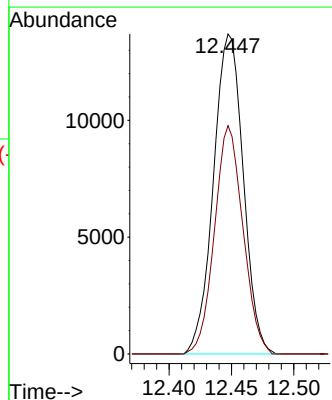
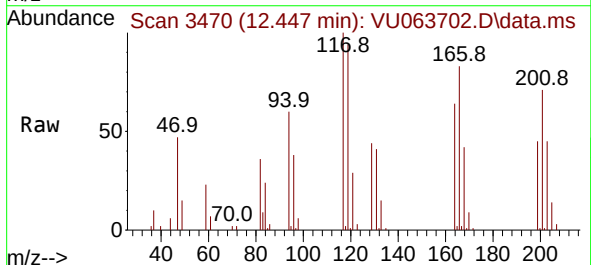
Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

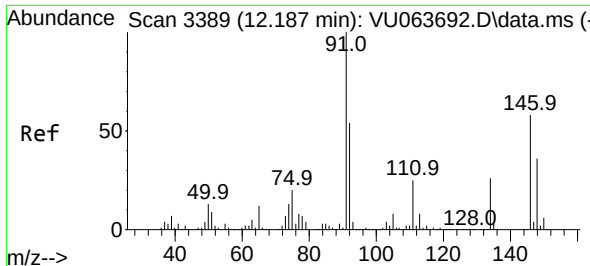
Tgt Ion: 91 Resp: 148233
Ion Ratio Lower Upper
91 100
92 52.7 27.0 81.0
134 24.5 12.4 37.4



#90
Hexachloroethane
Concen: 17.361 ug/l
RT: 12.447 min Scan# 3470
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion: 117 Resp: 22816
Ion Ratio Lower Upper
117 100
201 68.1 36.6 109.8

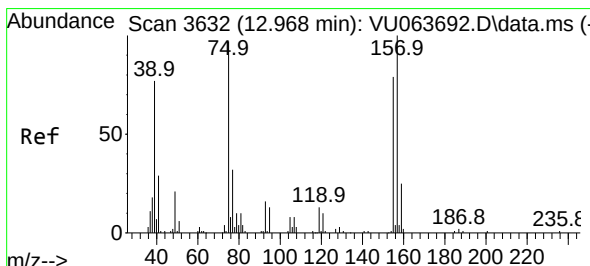
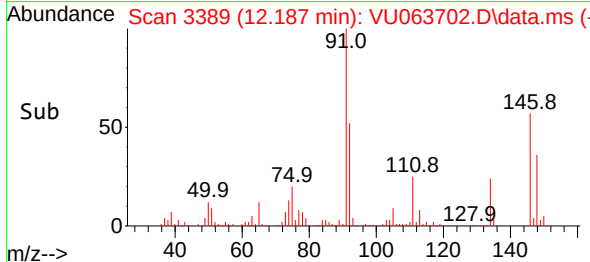
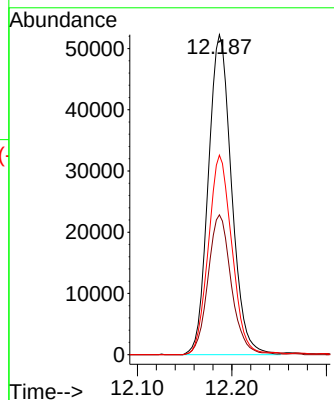
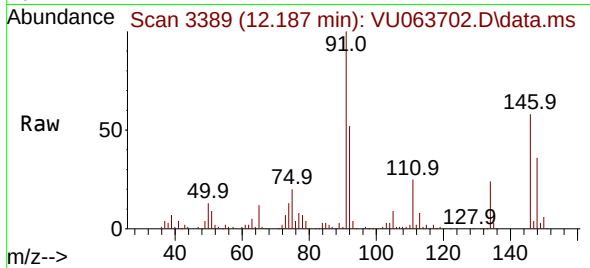




#91
 1,2-Dichlorobenzene
 Concen: 19.466 ug/l
 RT: 12.187 min Scan# 311
 Delta R.T. -0.000 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

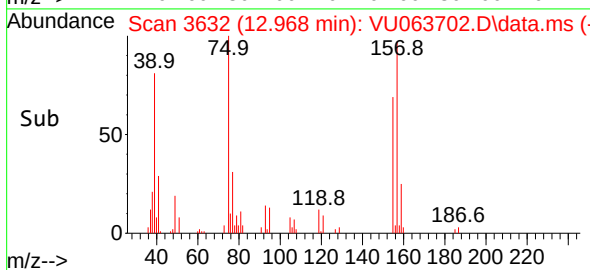
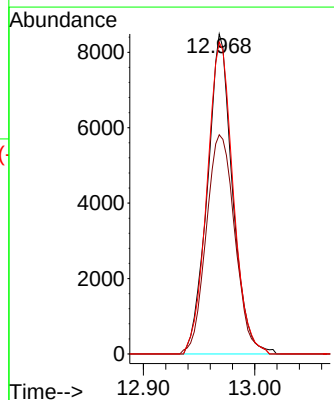
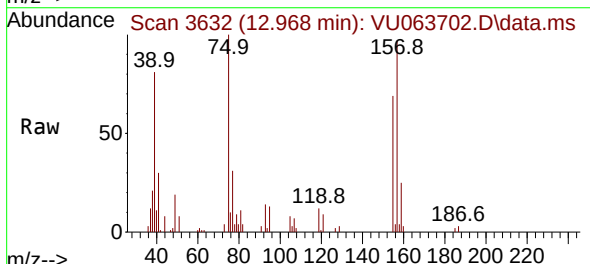
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1111WBSD01

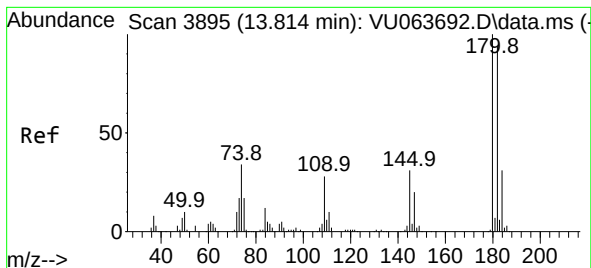
Tgt Ion:146 Resp: 89354
 Ion Ratio Lower Upper
 146 100
 111 43.8 21.8 65.3
 148 63.4 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.433 ug/l
 RT: 12.968 min Scan# 3632
 Delta R.T. -0.000 min
 Lab File: VU063702.D
 Acq: 11 Nov 2025 12:58

Tgt Ion: 75 Resp: 13342
 Ion Ratio Lower Upper
 75 100
 155 77.7 40.5 121.4
 157 101.0 50.4 151.3





#93

1,2,4-Trichlorobenzene

Concen: 19.043 ug/l

RT: 13.814 min Scan# 3895

Delta R.T. -0.000 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

Instrument :

MSVOA_U

ClientSampleId :

VU1111WBSD01

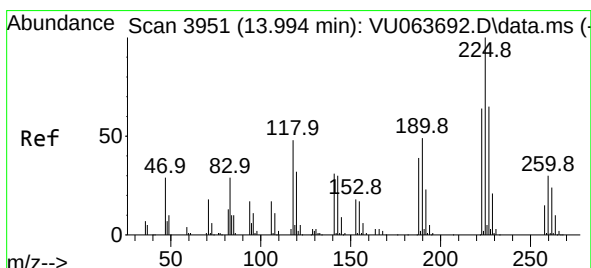
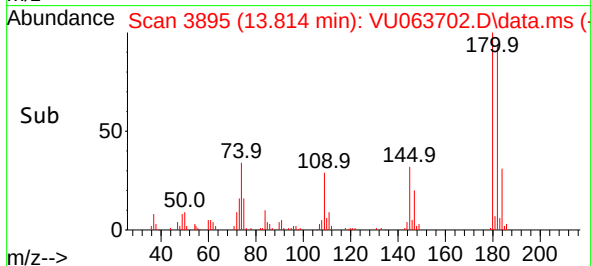
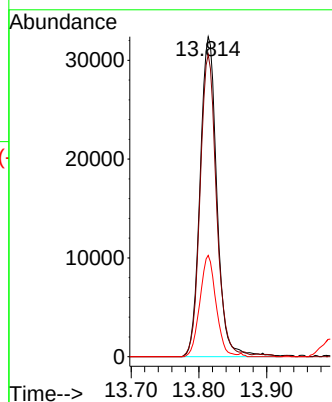
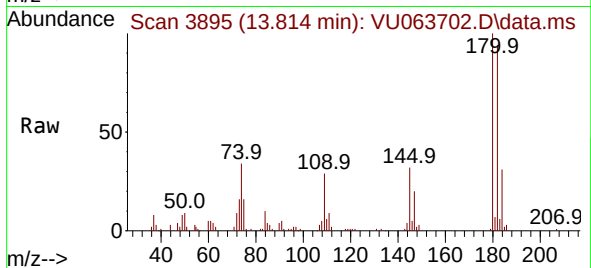
Tgt Ion:180 Resp: 55727

Ion Ratio Lower Upper

180 100

182 92.4 47.6 142.9

145 30.4 15.9 47.6



#94

Hexachlorobutadiene

Concen: 18.441 ug/l

RT: 13.991 min Scan# 3950

Delta R.T. -0.003 min

Lab File: VU063702.D

Acq: 11 Nov 2025 12:58

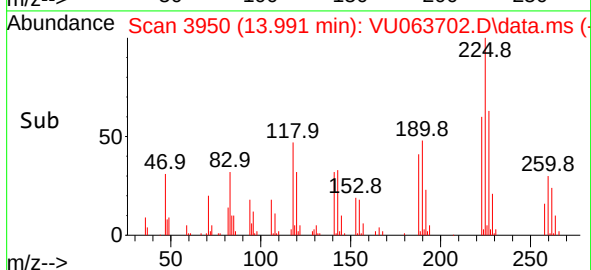
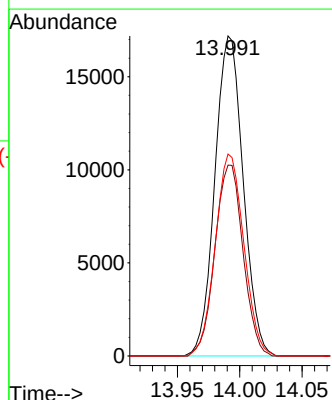
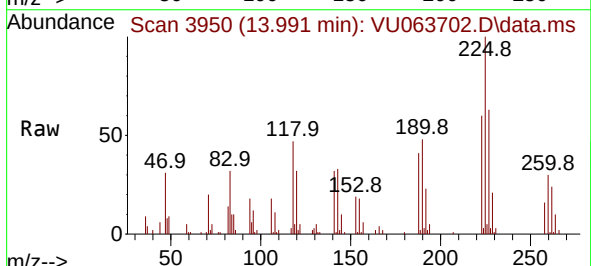
Tgt Ion:225 Resp: 27192

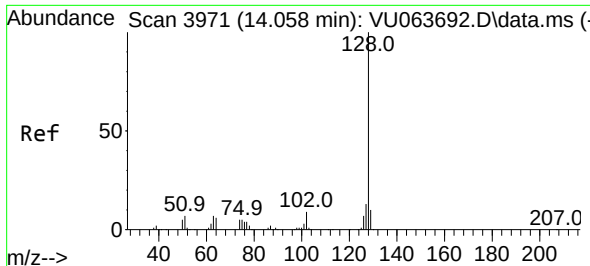
Ion Ratio Lower Upper

225 100

223 59.2 31.6 94.8

227 63.7 32.4 97.0

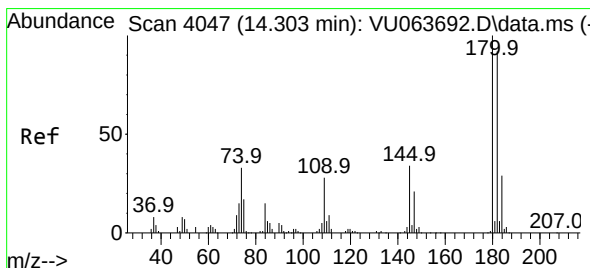
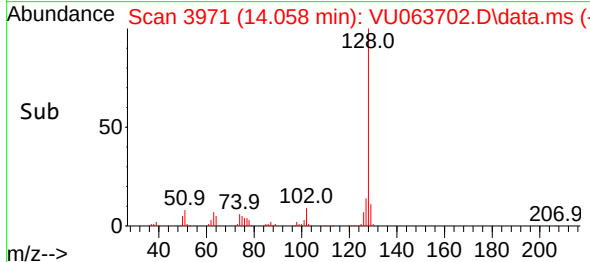
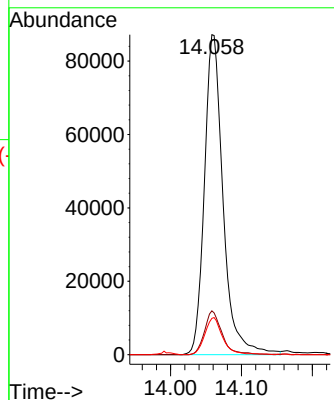
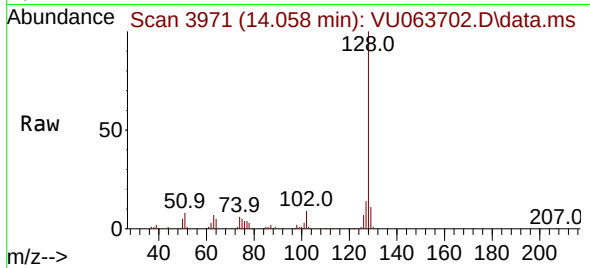




#95
Naphthalene
Concen: 20.157 ug/l
RT: 14.058 min Scan# 3971
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Instrument :
MSVOA_U
ClientSampleId :
VU1111WBSD01

Tgt Ion:128 Resp: 159800
Ion Ratio Lower Upper
128 100
127 12.8 9.9 14.9
129 11.1 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.248 ug/l
RT: 14.302 min Scan# 4047
Delta R.T. -0.000 min
Lab File: VU063702.D
Acq: 11 Nov 2025 12:58

Tgt Ion:180 Resp: 52368
Ion Ratio Lower Upper
180 100
182 97.3 47.3 142.0
145 34.2 16.6 49.7

