

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111225\
 Data File : VU063711.D
 Acq On : 12 Nov 2025 11:03
 Operator : MD/SY
 Sample : VU1112WBS01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBS01

Quant Time: Nov 14 04:41:51 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	199175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	330192	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	311113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.788	152	166392	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.669	65	136569	46.416	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.840%
35) Dibromofluoromethane	5.258	113	109370	47.292	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.580%
50) Toluene-d8	7.872	98	384230	46.246	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.500%
62) 4-Bromofluorobenzene	10.608	95	162692	47.337	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.374	85	21042	17.493	ug/l	97
3) Chloromethane	1.509	50	21892	18.259	ug/l	98
4) Vinyl Chloride	1.589	62	26227	17.727	ug/l	99
5) Bromomethane	1.837	94	20933	20.872	ug/l	95
6) Chloroethane	1.914	64	20261	18.109	ug/l	96
7) Trichlorofluoromethane	2.116	101	52098	18.404	ug/l	95
8) Diethyl Ether	2.354	74	22060	18.330	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.557	101	33363	18.549	ug/l	99
10) Methyl Iodide	2.695	142	33763	18.915	ug/l	99
11) Tert butyl alcohol	3.152	59	52922	77.092	ug/l	100
12) 1,1-Dichloroethene	2.554	96	27111	17.506	ug/l	98
13) Acrolein	2.464	56	4659	92.786	ug/l	98
14) Allyl chloride	2.898	41	51699	17.899	ug/l	99
15) Acrylonitrile	3.284	53	129133	91.852	ug/l	98
16) Acetone	2.602	43	152365	91.340	ug/l	99
17) Carbon Disulfide	2.766	76	33624	16.965	ug/l	98
18) Methyl Acetate	2.924	43	94386	19.263	ug/l	98
19) Methyl tert-butyl Ether	3.335	73	129618	18.549	ug/l	100
20) Methylene Chloride	3.017	84	37939	19.656	ug/l	98
21) trans-1,2-Dichloroethene	3.325	96	28878	18.162	ug/l	98
22) Diisopropyl ether	3.959	45	117802	18.518	ug/l #	81
23) Vinyl Acetate	3.927	43	364430	83.999	ug/l	100
24) 1,1-Dichloroethane	3.837	63	69890	19.049	ug/l	99
25) 2-Butanone	4.673	43	173761	85.772	ug/l	99
26) 2,2-Dichloropropane	4.631	77	54785	17.385	ug/l	100
27) cis-1,2-Dichloroethene	4.637	96	43863	18.882	ug/l	98
28) Bromochloromethane	4.940	49	31640	21.549	ug/l	98
29) Tetrahydrofuran	5.020	42	104409	88.572	ug/l	100
30) Chloroform	5.055	83	78047	19.416	ug/l	98
31) Cyclohexane	5.354	56	46411	18.734	ug/l #	96
32) 1,1,1-Trichloroethane	5.284	97	60776	18.425	ug/l	99
36) 1,1-Dichloropropene	5.496	75	41261	17.529	ug/l	99
37) Ethyl Acetate	4.782	43	58756	17.629	ug/l	97
38) Carbon Tetrachloride	5.496	117	42501	16.706	ug/l	97
39) Methylcyclohexane	6.734	83	47468	17.762	ug/l	98
40) Benzene	5.743	78	137275	18.072	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	29769	17.185	ug/l	99
42) 1,2-Dichloroethane	5.766	62	58338	19.473	ug/l	100
43) Isopropyl Acetate	5.885	43	84552	17.308	ug/l	98
44) Trichloroethene	6.515	130	39587	18.576	ug/l	100
45) 1,2-Dichloropropane	6.763	63	38204	18.502	ug/l	99
46) Dibromomethane	6.891	93	29549	19.058	ug/l	96
47) Bromodichloromethane	7.078	83	57658	18.343	ug/l	98
48) Methyl methacrylate	6.936	41	42617	17.772	ug/l	99
49) 1,4-Dioxane	6.939	88	21639	340.610	ug/l	94
51) 4-Methyl-2-Pentanone	7.763	43	330307	88.356	ug/l	99
52) Toluene	7.943	92	93525	18.972	ug/l	99
53) t-1,3-Dichloropropene	8.187	75	44418	16.781	ug/l	98
54) cis-1,3-Dichloropropene	7.583	75	51355	17.310	ug/l	98
55) 1,1,2-Trichloroethane	8.373	97	43059	19.035	ug/l	98
56) Ethyl methacrylate	8.309	69	60593	18.153	ug/l	98
57) 1,3-Dichloropropane	8.547	76	68374	18.527	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.447	63	2680	66.772	ug/l #	90
59) 2-Hexanone	8.660	43	244248	87.721	ug/l	97
60) Dibromochloromethane	8.785	129	41612	17.563	ug/l	99
61) 1,2-Dibromoethane	8.898	107	41240	18.919	ug/l	97
64) Tetrachloroethene	8.528	164	38672	19.267	ug/l	96
65) Chlorobenzene	9.422	112	114302	18.803	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.508	131	37317	18.048	ug/l	97
67) Ethyl Benzene	9.547	91	189000	18.666	ug/l	100
68) m/p-Xylenes	9.669	106	138368	37.022	ug/l	97
69) o-Xylene	10.074	106	69745	18.084	ug/l	94
70) Styrene	10.090	104	117814	19.018	ug/l	99
71) Bromoform	10.267	173	28190	16.931	ug/l #	98
73) Isopropylbenzene	10.460	105	194474	18.603	ug/l	100
74) N-amyl acetate	10.303	43	56661	15.557	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.756	83	71646	17.847	ug/l	99
76) 1,2,3-Trichloropropane	10.798	75	72930	17.393	ug/l #	100
77) Bromobenzene	10.759	156	49486	18.815	ug/l	97
78) n-propylbenzene	10.881	91	220069	18.351	ug/l	100
79) 2-Chlorotoluene	10.962	91	141940	18.311	ug/l	99
80) 1,3,5-Trimethylbenzene	11.065	105	162353	18.522	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.521	75	12366	15.711	ug/l	88
82) 4-Chlorotoluene	11.071	91	159940	18.158	ug/l	98
83) tert-Butylbenzene	11.396	119	167920	18.391	ug/l	99
84) 1,2,4-Trimethylbenzene	11.444	105	156487	18.192	ug/l	99
85) sec-Butylbenzene	11.618	105	210778	18.275	ug/l	100
86) p-Isopropyltoluene	11.769	119	169188	18.273	ug/l	100
87) 1,3-Dichlorobenzene	11.721	146	92278	18.674	ug/l	99
88) 1,4-Dichlorobenzene	11.811	146	96241	18.616	ug/l	98
89) n-Butylbenzene	12.184	91	146275	17.202	ug/l	99
90) Hexachloroethane	12.451	117	23083	16.342	ug/l	99
91) 1,2-Dichlorobenzene	12.190	146	93656	18.983	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.968	75	13633	16.574	ug/l	97
93) 1,2,4-Trichlorobenzene	13.814	180	52279	16.621	ug/l	100
94) Hexachlorobutadiene	13.994	225	28893	18.231	ug/l	99
95) Naphthalene	14.061	128	133173	15.629	ug/l	99
96) 1,2,3-Trichlorobenzene	14.303	180	50159	17.153	ug/l	97

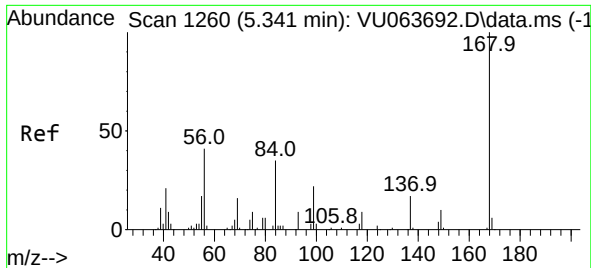
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111225\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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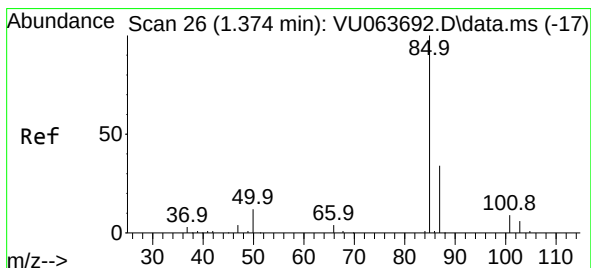
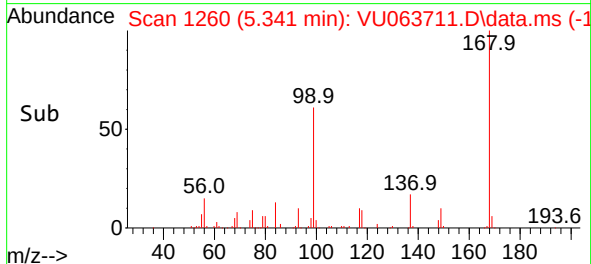
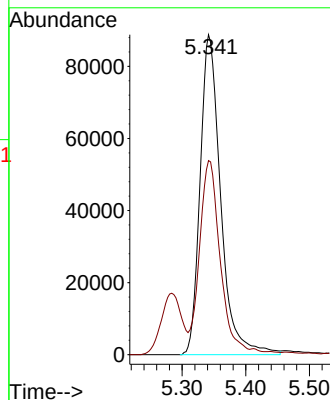
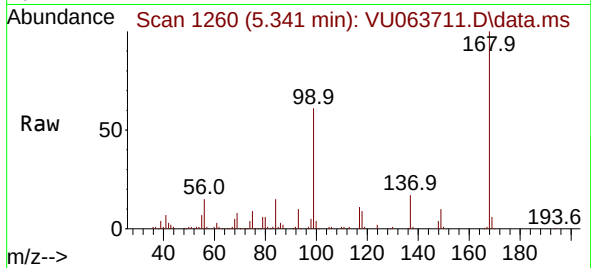
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.341 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

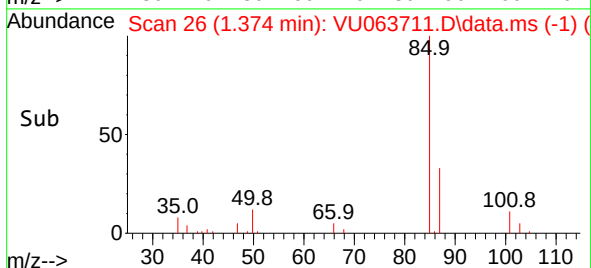
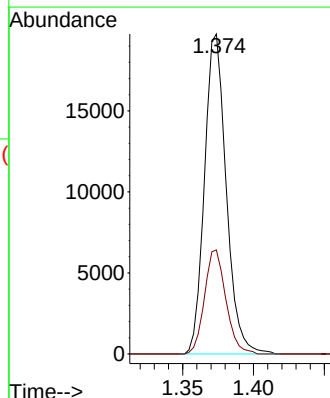
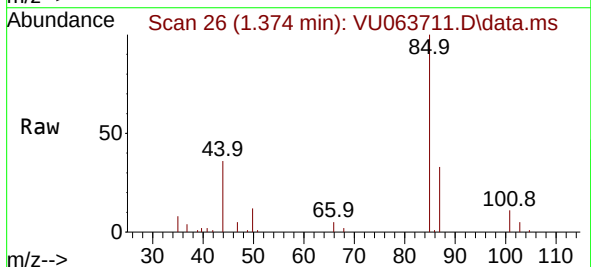
Instrument :
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VU1112WBS01

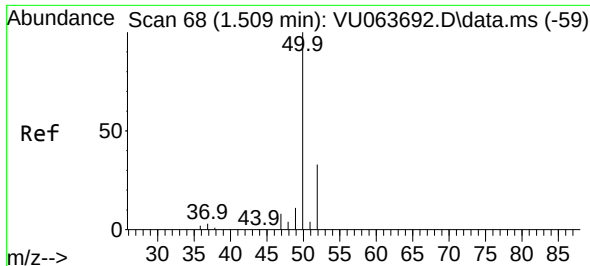
Tgt Ion:168 Resp: 199175
Ion Ratio Lower Upper
168 100
99 59.9 48.2 72.4



#2
Dichlorodifluoromethane
Concen: 17.493 ug/l
RT: 1.374 min Scan# 26
Delta R.T. 0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 85 Resp: 21042
Ion Ratio Lower Upper
85 100
87 32.5 17.0 51.0

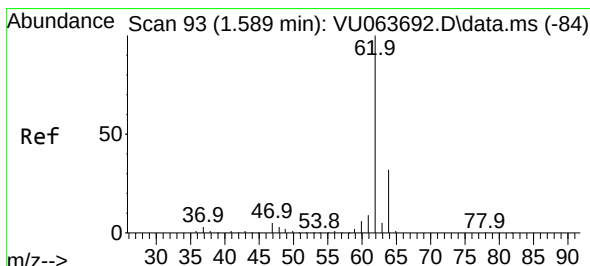
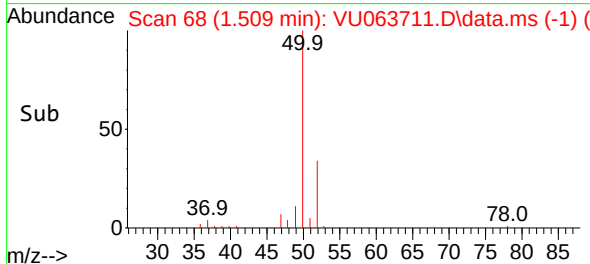
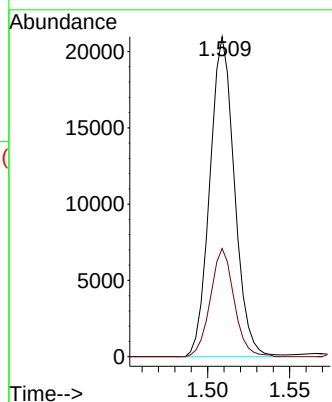
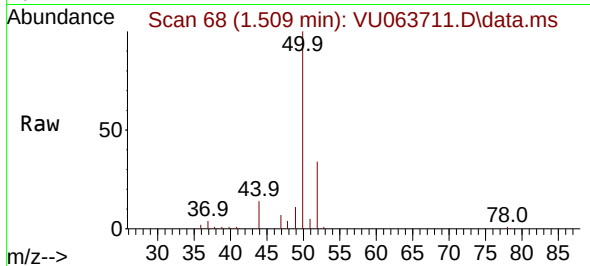




#3
Chloromethane
Concen: 18.259 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

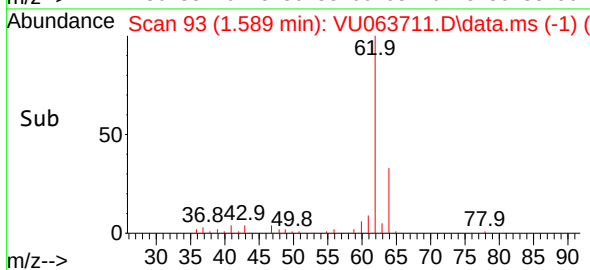
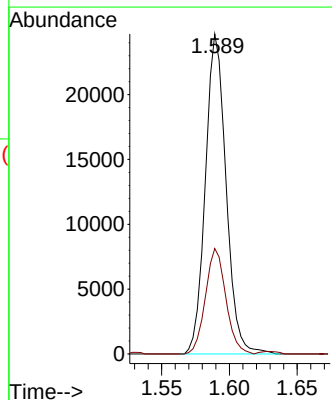
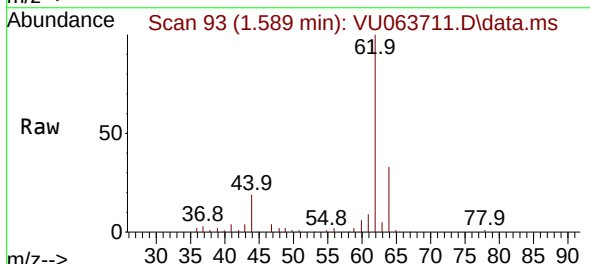
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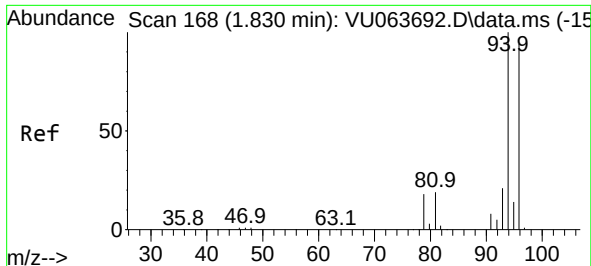
Tgt Ion: 50 Resp: 21892
Ion Ratio Lower Upper
50 100
52 33.8 26.3 39.5



#4
Vinyl Chloride
Concen: 17.727 ug/l
RT: 1.589 min Scan# 93
Delta R.T. 0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 62 Resp: 26227
Ion Ratio Lower Upper
62 100
64 32.9 25.9 38.9

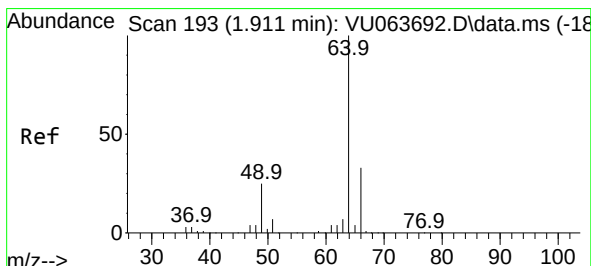
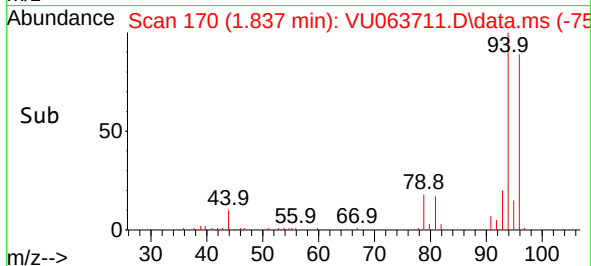
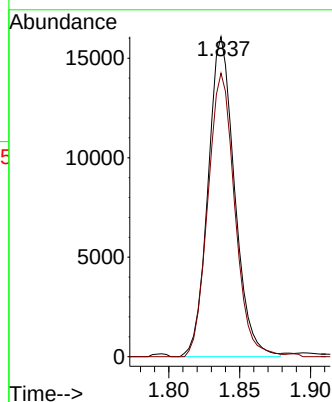
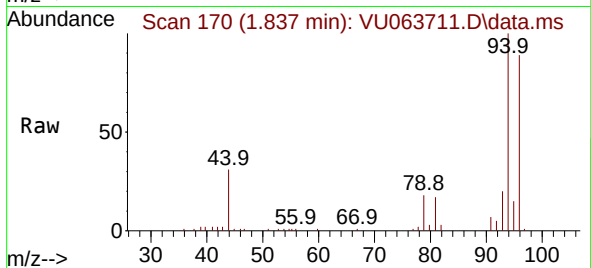




#5
Bromomethane
Concen: 20.872 ug/l
RT: 1.837 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

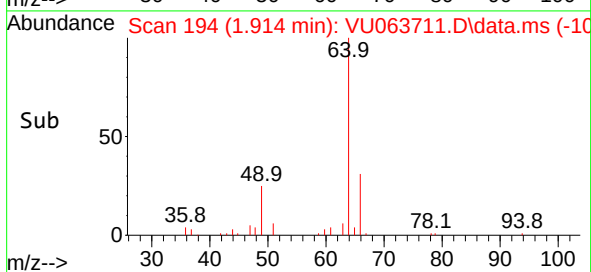
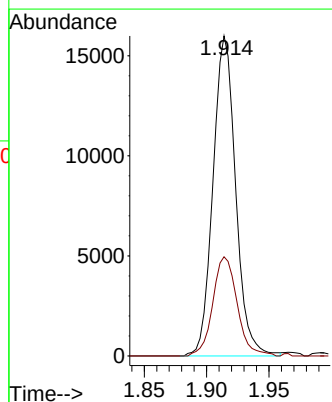
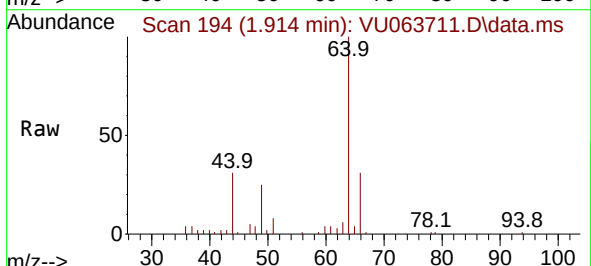
Instrument :
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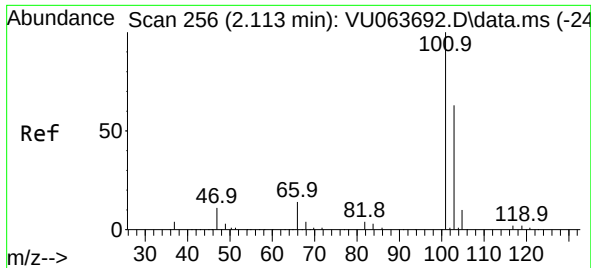
Tgt Ion: 94 Resp: 20933
Ion Ratio Lower Upper
94 100
96 88.6 74.8 112.2



#6
Chloroethane
Concen: 18.109 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.003 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 64 Resp: 20261
Ion Ratio Lower Upper
64 100
66 31.0 26.4 39.6

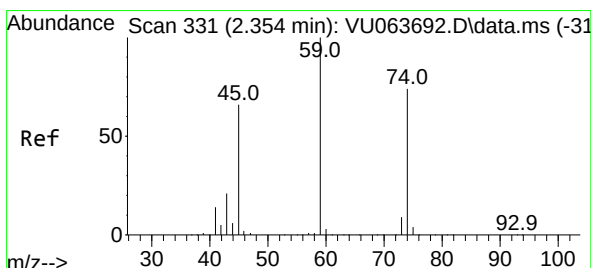
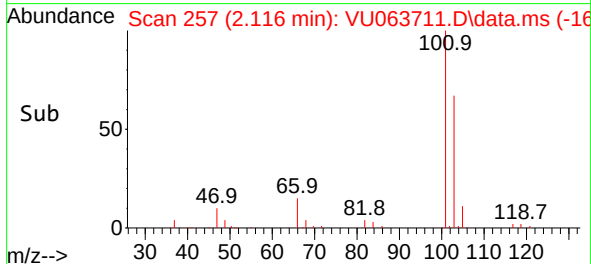
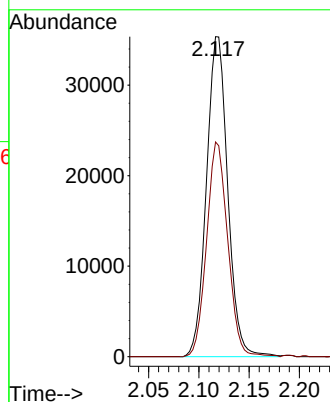
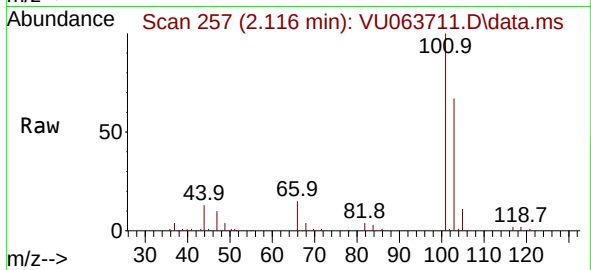




#7
 Trichlorofluoromethane
 Concen: 18.404 ug/l
 RT: 2.116 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: VU063711.D
 Acq: 12 Nov 2025 11:03

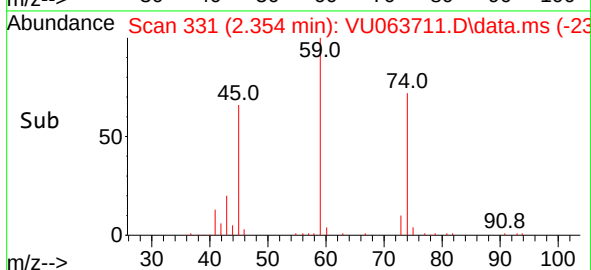
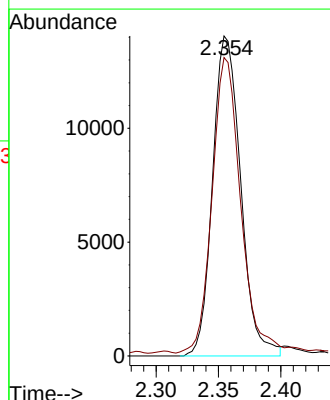
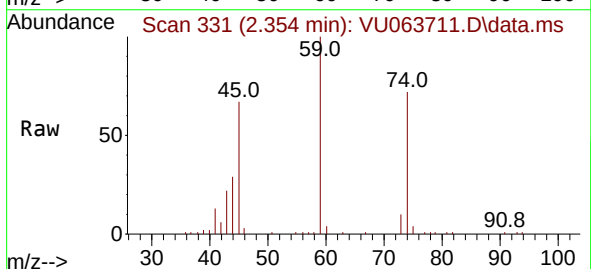
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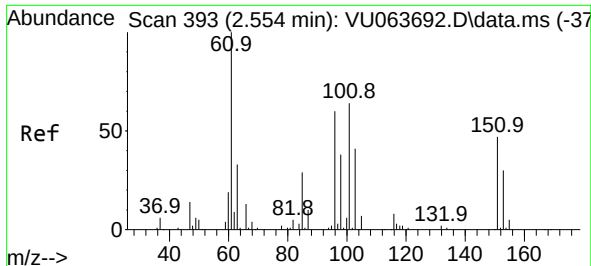
Tgt Ion:101 Resp: 52098
 Ion Ratio Lower Upper
 101 100
 103 67.1 50.3 75.5



#8
 Diethyl Ether
 Concen: 18.330 ug/l
 RT: 2.354 min Scan# 331
 Delta R.T. -0.000 min
 Lab File: VU063711.D
 Acq: 12 Nov 2025 11:03

Tgt Ion: 74 Resp: 22060
 Ion Ratio Lower Upper
 74 100
 45 94.3 44.1 132.4

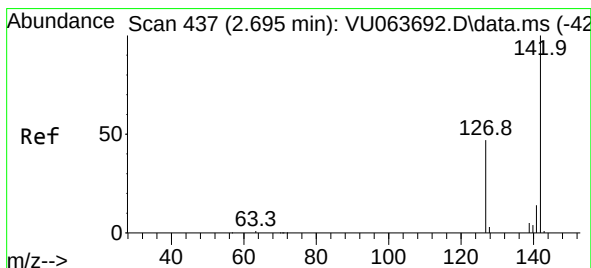
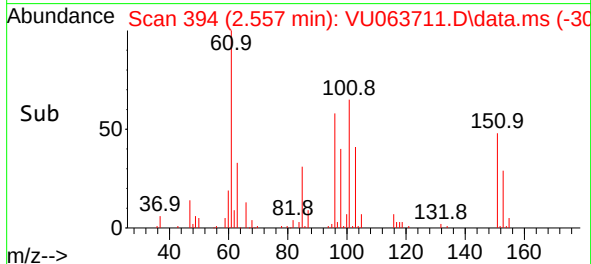
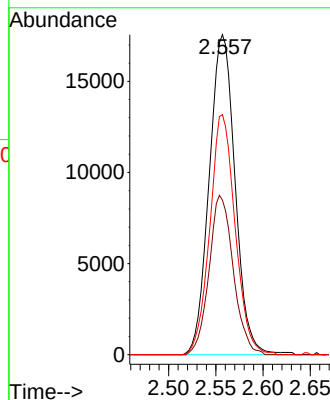
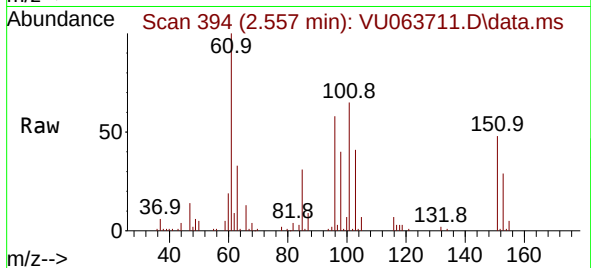




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.549 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063711.D
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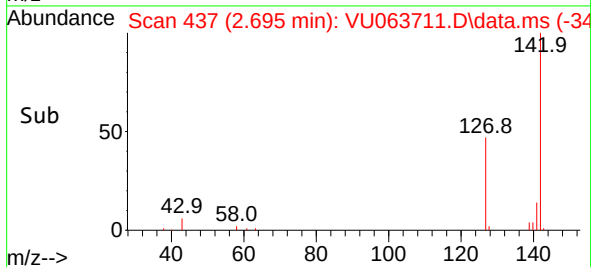
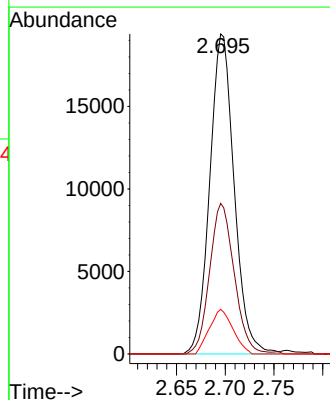
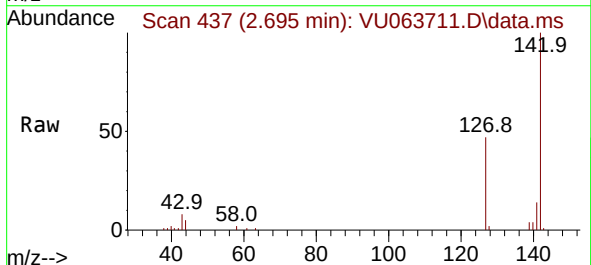
Instrument :
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ClientSampleId :
VU1112WBS01

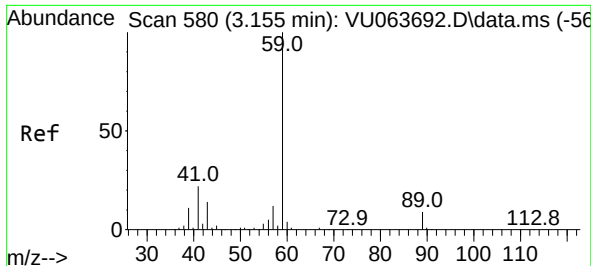
Tgt Ion:101 Resp: 33363
Ion Ratio Lower Upper
101 100
85 46.8 36.2 54.4
151 73.6 58.5 87.7



#10
Methyl Iodide
Concen: 18.915 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion:142 Resp: 33763
Ion Ratio Lower Upper
142 100
127 47.3 37.2 55.8
141 13.5 11.4 17.0

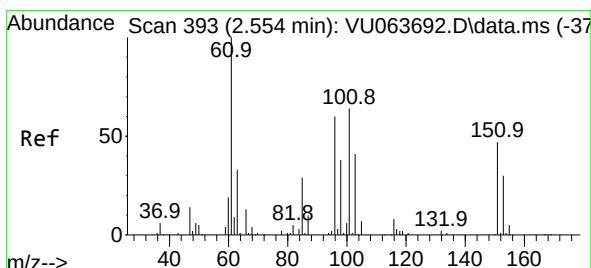
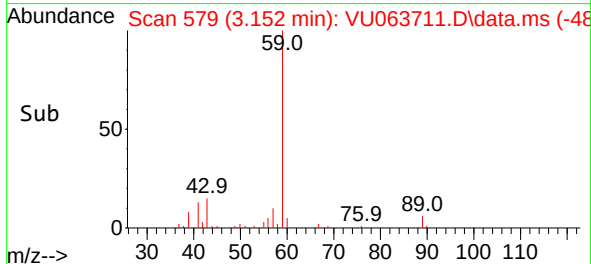
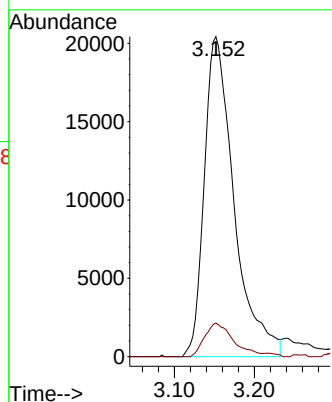
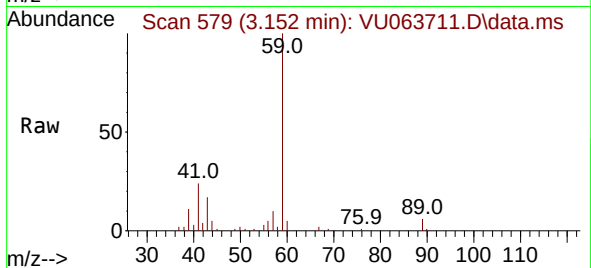




#11
Tert butyl alcohol
Concen: 77.092 ug/l
RT: 3.152 min Scan# 511
Delta R.T. -0.003 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

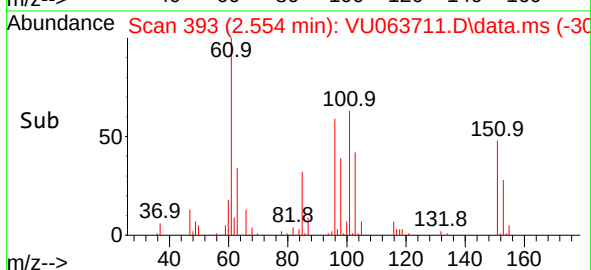
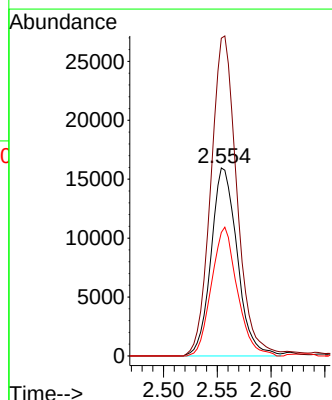
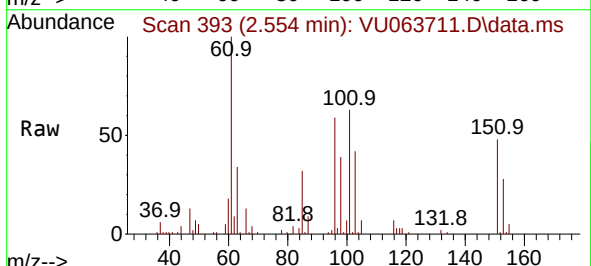
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

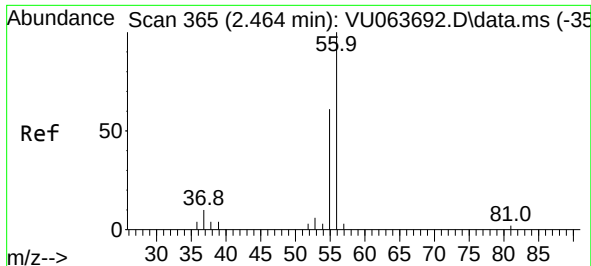
Tgt Ion: 59 Resp: 52922
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 17.506 ug/l
RT: 2.554 min Scan# 393
Delta R.T. 0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 96 Resp: 27111
Ion Ratio Lower Upper
96 100
61 169.1 133.1 199.7
98 65.7 50.7 76.1

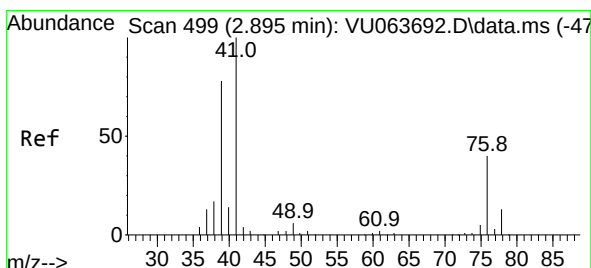
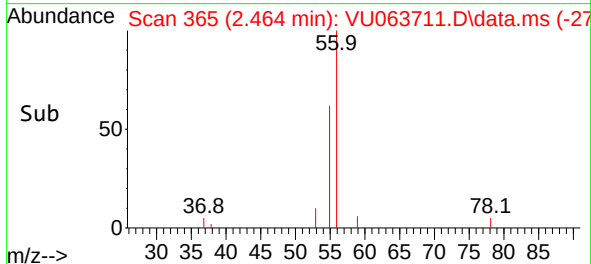
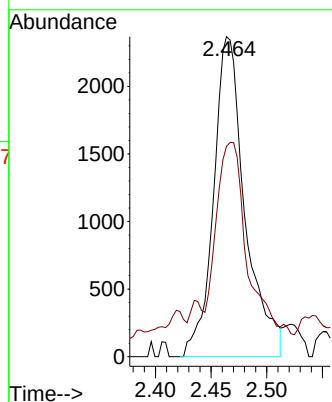
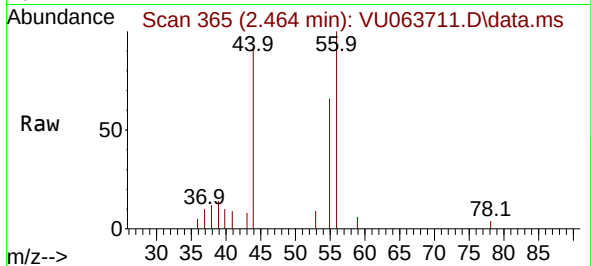




#13
Acrolein
Concen: 92.786 ug/l
RT: 2.464 min Scan# 30
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

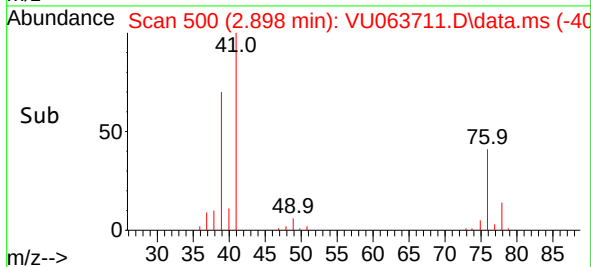
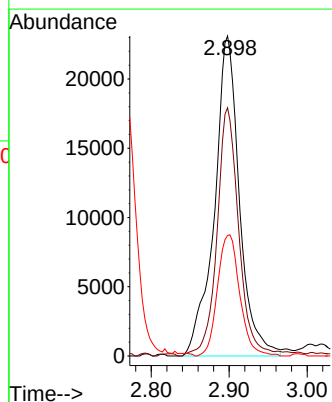
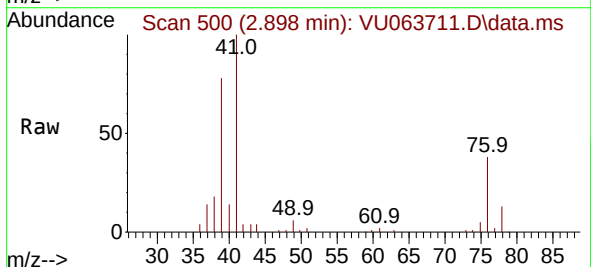
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

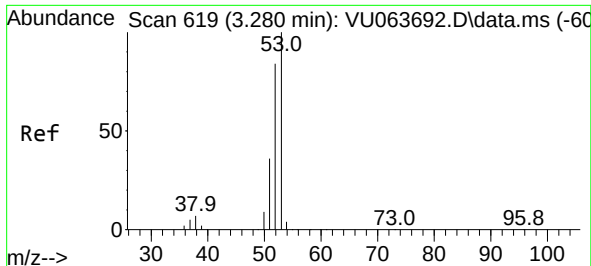
Tgt Ion: 56 Resp: 4659
Ion Ratio Lower Upper
56 100
55 57.1 47.1 70.7



#14
Allyl chloride
Concen: 17.899 ug/l
RT: 2.898 min Scan# 500
Delta R.T. 0.003 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 41 Resp: 51699
Ion Ratio Lower Upper
41 100
39 67.1 53.1 79.7
76 33.6 26.4 39.6

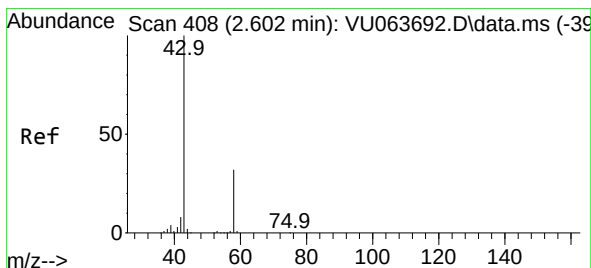
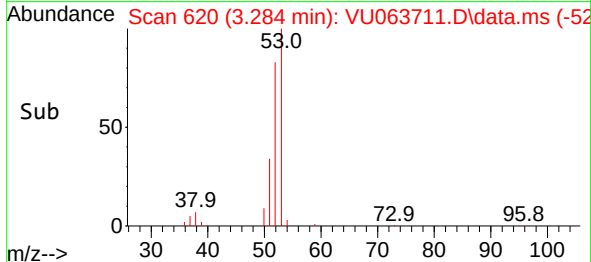
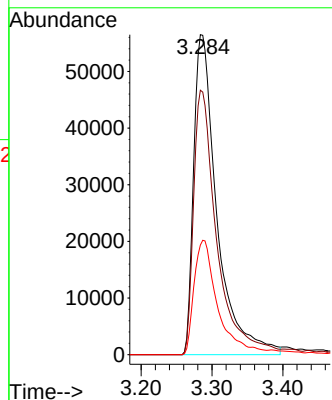
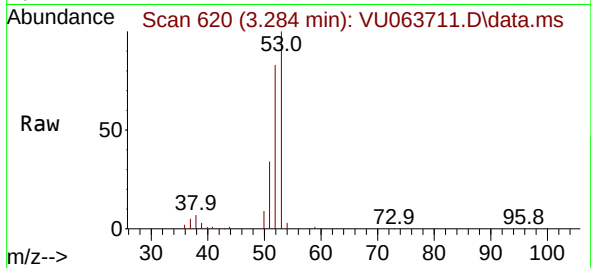




#15
Acrylonitrile
Concen: 91.852 ug/l
RT: 3.284 min Scan# 619
Delta R.T. 0.003 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

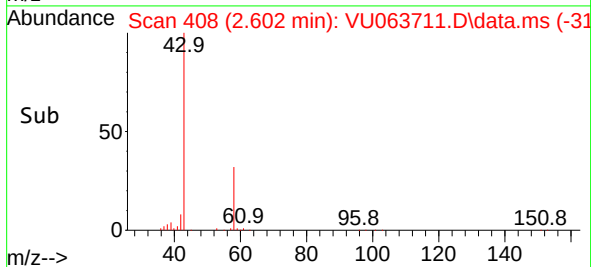
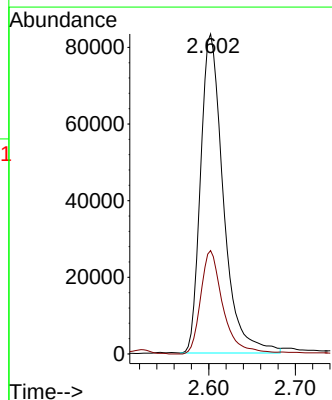
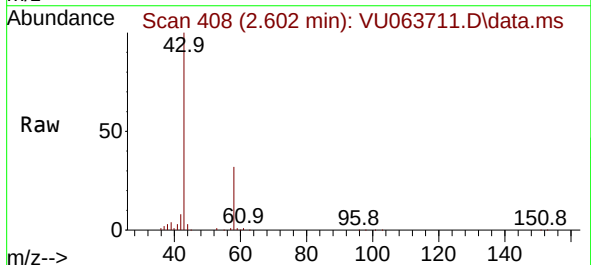
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

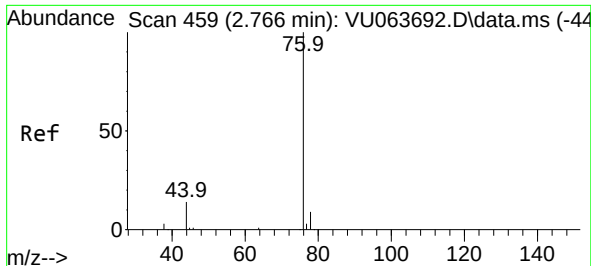
Tgt Ion: 53 Resp: 129133
Ion Ratio Lower Upper
53 100
52 82.2 67.5 101.3
51 36.3 29.0 43.6



#16
Acetone
Concen: 91.340 ug/l
RT: 2.602 min Scan# 408
Delta R.T. 0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 43 Resp: 152365
Ion Ratio Lower Upper
43 100
58 32.4 25.4 38.2

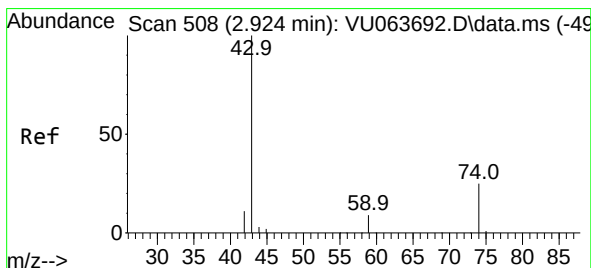
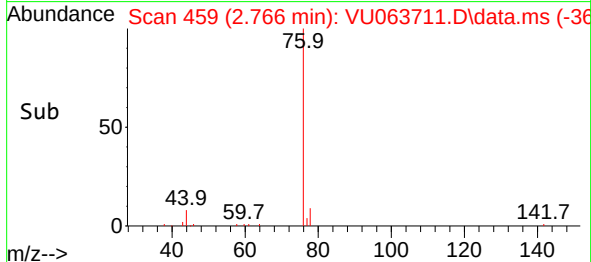
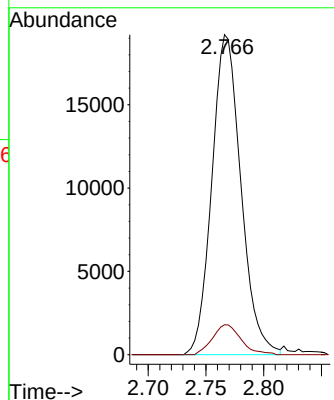
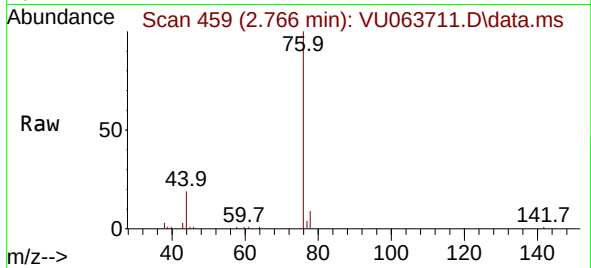




#17
Carbon Disulfide
Concen: 16.965 ug/l
RT: 2.766 min Scan# 41
Delta R.T. 0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

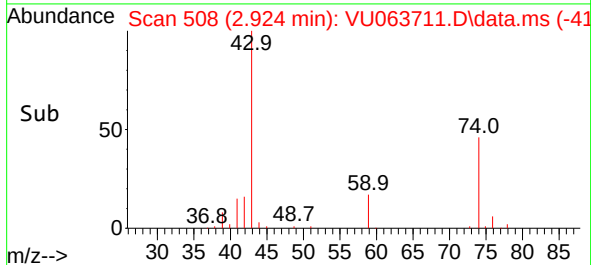
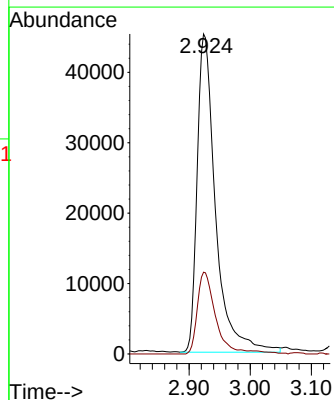
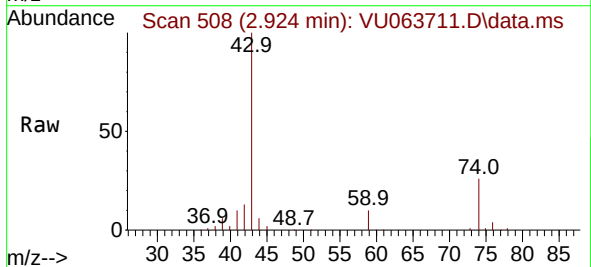
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

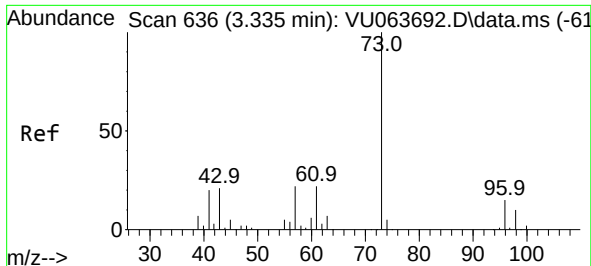
Tgt Ion: 76 Resp: 33624
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 19.263 ug/l
RT: 2.924 min Scan# 508
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 43 Resp: 94386
Ion Ratio Lower Upper
43 100
74 25.0 20.6 31.0

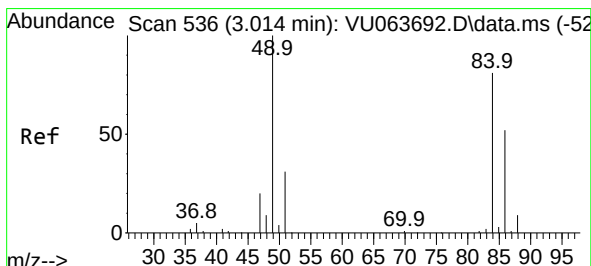
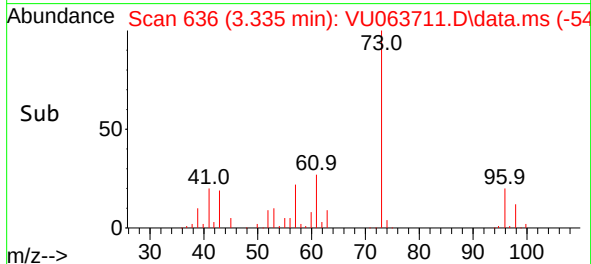
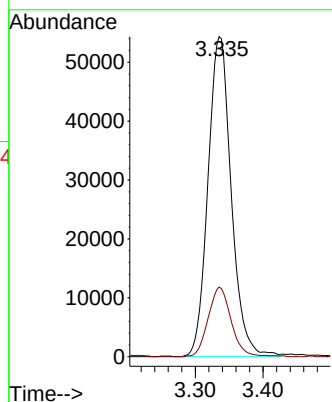
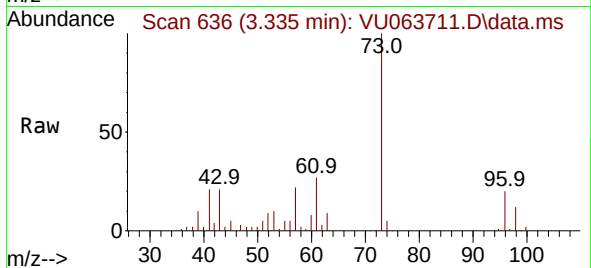




#19
Methyl tert-butyl Ether
Concen: 18.549 ug/l
RT: 3.335 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

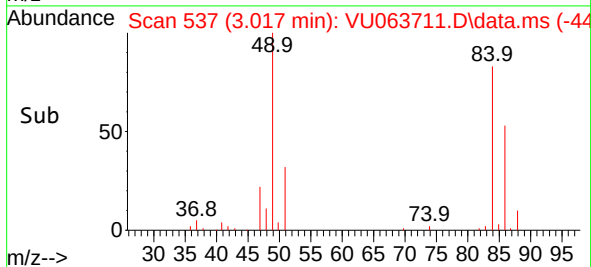
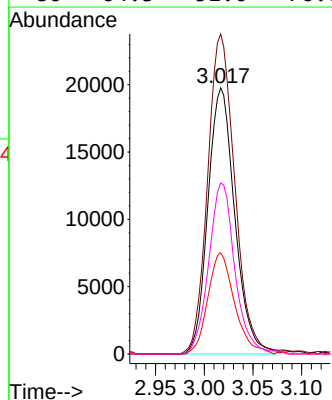
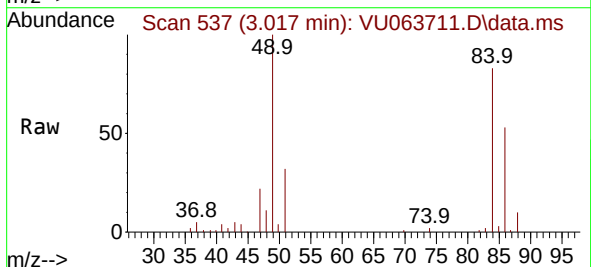
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

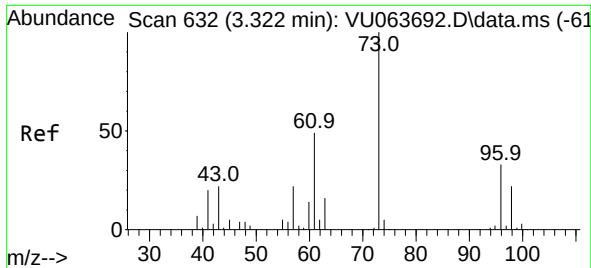
Tgt Ion: 73 Resp: 129618
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2



#20
Methylene Chloride
Concen: 19.656 ug/l
RT: 3.017 min Scan# 537
Delta R.T. 0.003 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 84 Resp: 37939
Ion Ratio Lower Upper
84 100
49 120.3 98.4 147.6
51 38.0 30.1 45.1
86 64.3 51.0 76.6

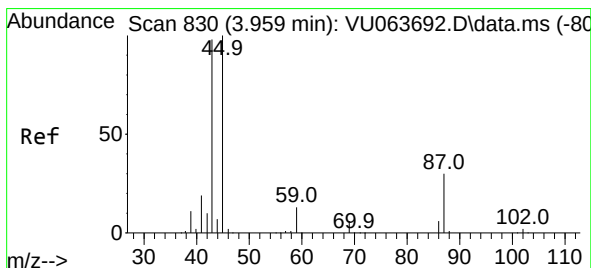
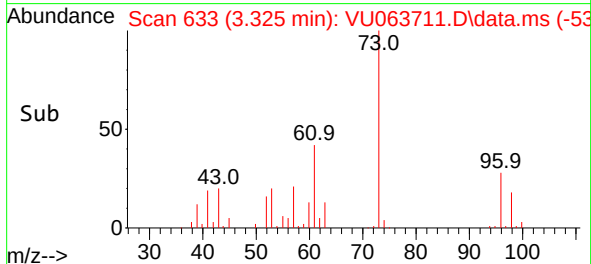
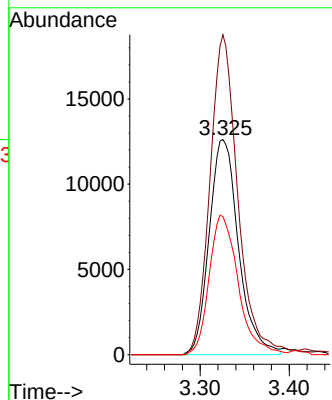
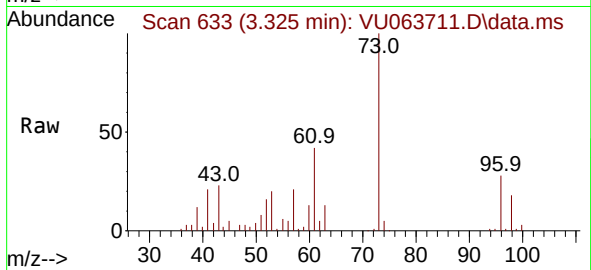




#21
trans-1,2-Dichloroethene
Concen: 18.162 ug/l
RT: 3.325 min Scan# 611
Delta R.T. 0.003 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

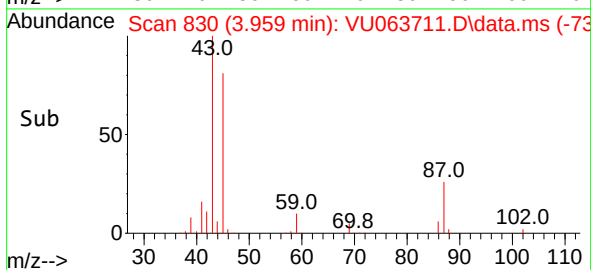
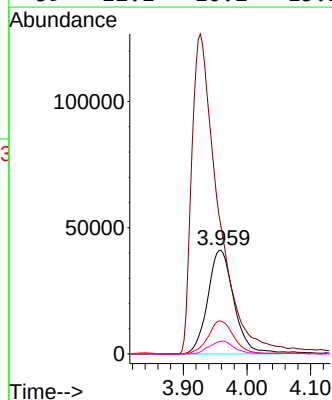
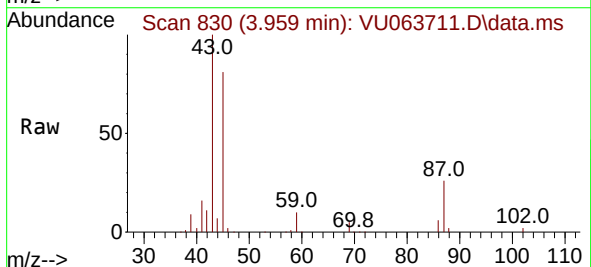
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

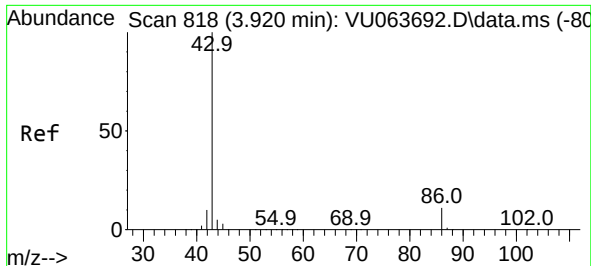
Tgt Ion: 96 Resp: 28878
Ion Ratio Lower Upper
96 100
61 148.7 117.5 176.3
98 64.2 52.7 79.1



#22
Diisopropyl ether
Concen: 18.518 ug/l
RT: 3.959 min Scan# 830
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 45 Resp: 117802
Ion Ratio Lower Upper
45 100
43 123.0 78.1 117.1#
87 31.7 23.8 35.8
59 12.1 10.2 15.2

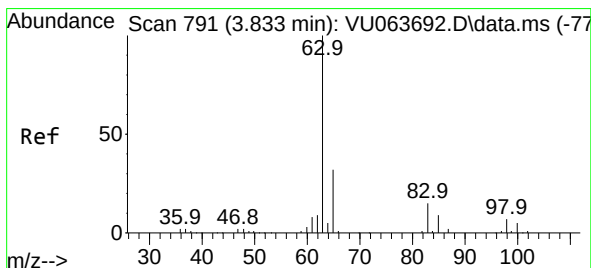
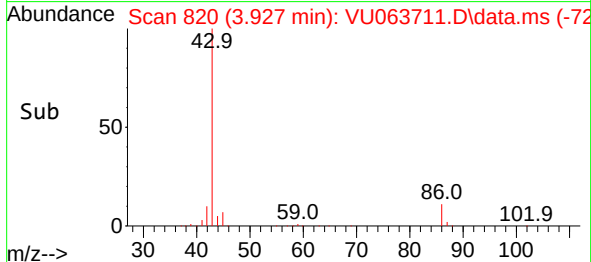
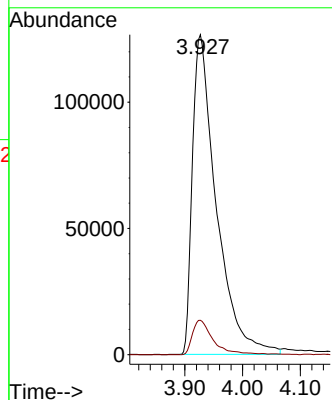
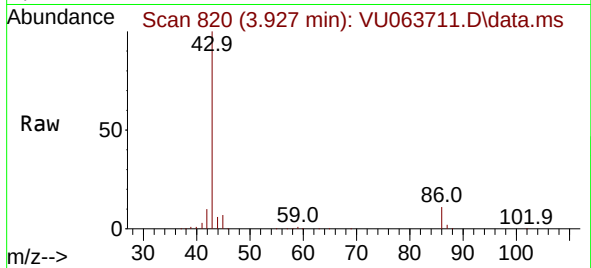




#23
 Vinyl Acetate
 Concen: 83.999 ug/l
 RT: 3.927 min Scan# 818
 Delta R.T. 0.006 min
 Lab File: VU063711.D
 Acq: 12 Nov 2025 11:03

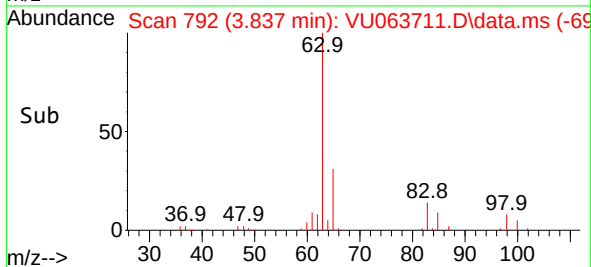
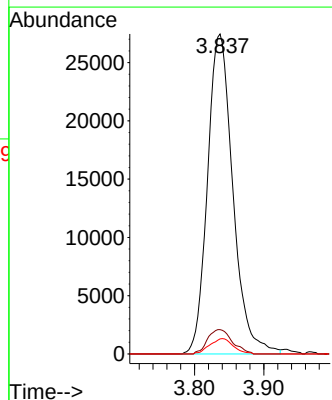
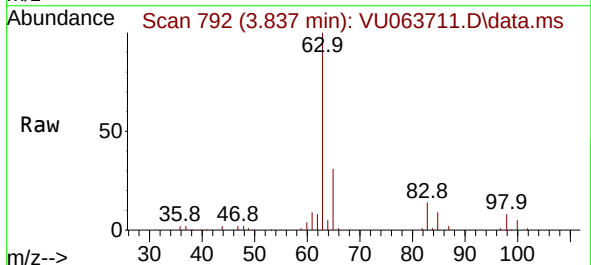
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBS01

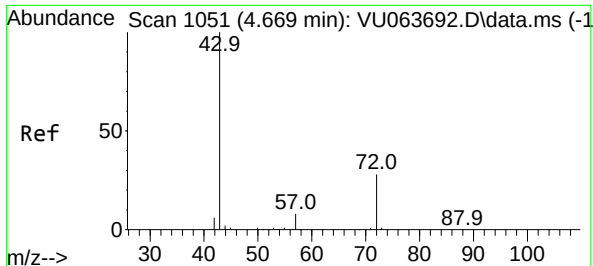
Tgt Ion: 43 Resp: 364430
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 19.049 ug/l
 RT: 3.837 min Scan# 792
 Delta R.T. 0.003 min
 Lab File: VU063711.D
 Acq: 12 Nov 2025 11:03

Tgt Ion: 63 Resp: 69890
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.7 11.1
 100 4.7 2.5 7.5





#25

2-Butanone

Concen: 85.772 ug/l

RT: 4.673 min Scan# 1052

Delta R.T. 0.003 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

Instrument :

MSVOA_U

ClientSampleId :

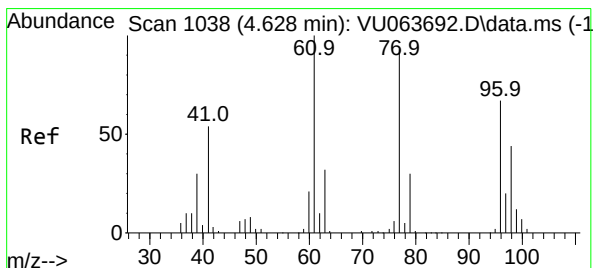
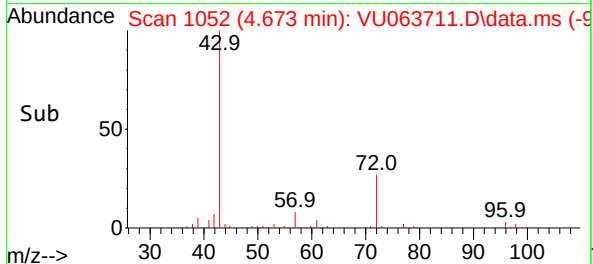
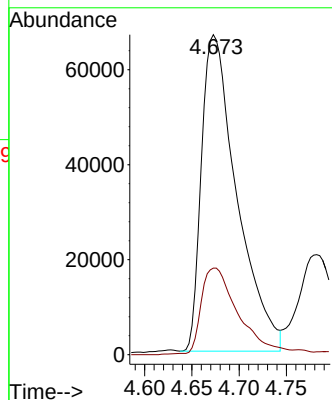
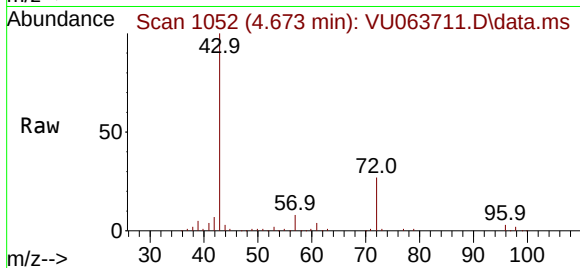
VU1112WBS01

Tgt Ion: 43 Resp: 173761

Ion Ratio Lower Upper

43 100

72 26.9 22.0 33.0



#26

2,2-Dichloropropane

Concen: 17.385 ug/l

RT: 4.631 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VU063711.D

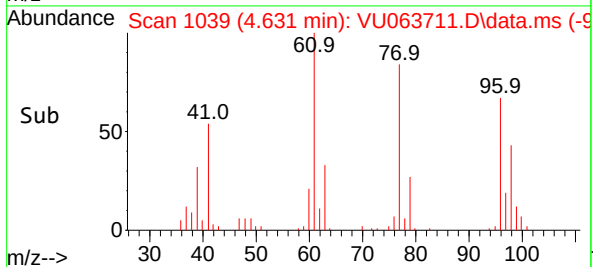
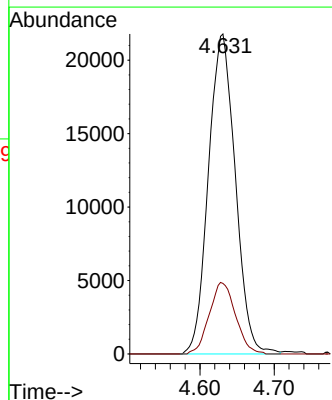
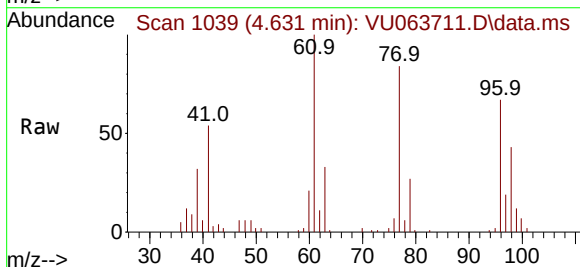
Acq: 12 Nov 2025 11:03

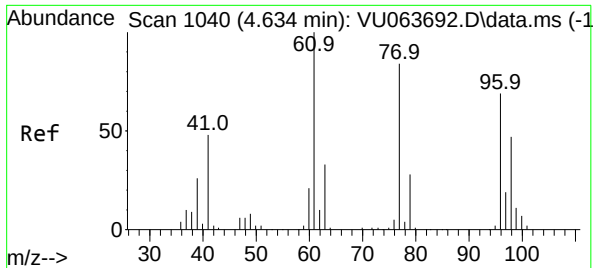
Tgt Ion: 77 Resp: 54785

Ion Ratio Lower Upper

77 100

97 21.8 10.9 32.9

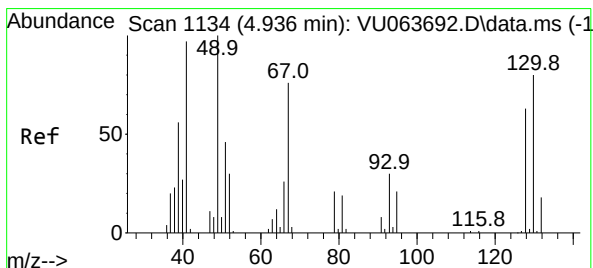
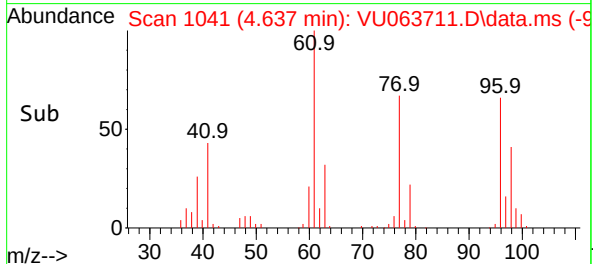
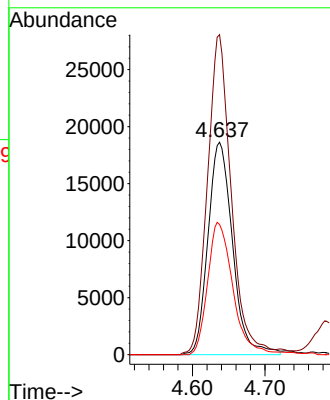
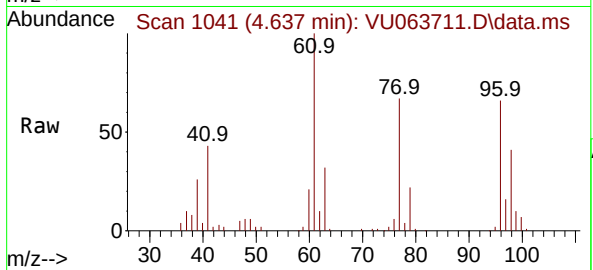




#27
cis-1,2-Dichloroethene
Concen: 18.882 ug/l
RT: 4.637 min Scan# 1041
Delta R.T. 0.003 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

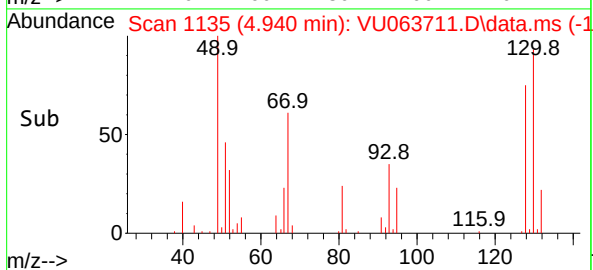
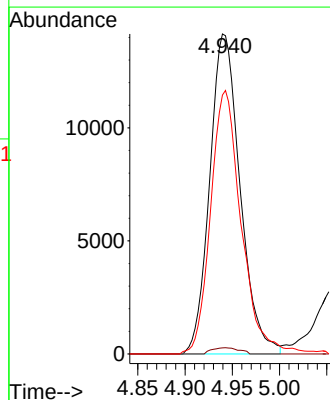
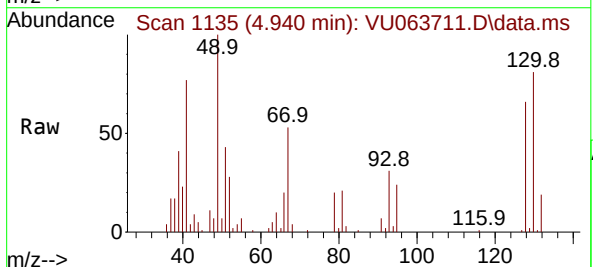
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

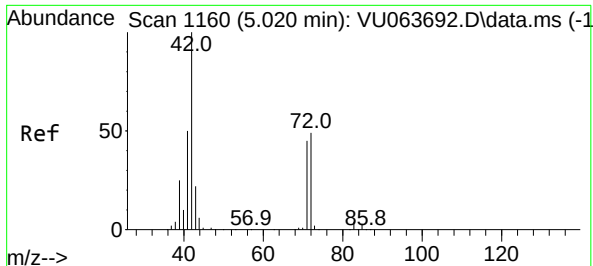
Tgt Ion: 96 Resp: 43863
Ion Ratio Lower Upper
96 100
61 145.3 0.0 295.4
98 64.4 0.0 131.8



#28
Bromochloromethane
Concen: 21.549 ug/l
RT: 4.940 min Scan# 1135
Delta R.T. 0.003 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 49 Resp: 31640
Ion Ratio Lower Upper
49 100
129 1.7 0.0 3.6
130 83.1 65.1 97.7





#29

Tetrahydrofuran

Concen: 88.572 ug/l

RT: 5.020 min Scan# 1160

Delta R.T. -0.000 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

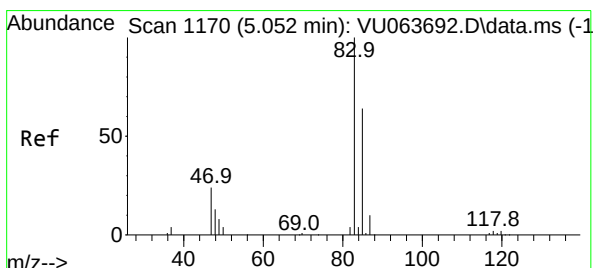
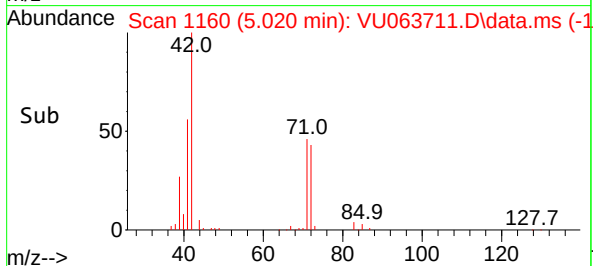
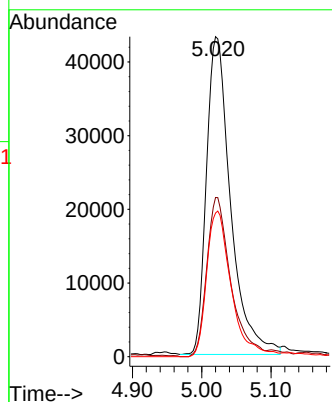
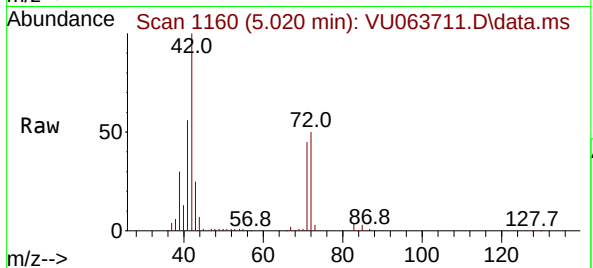
Tgt Ion: 42 Resp: 104409

Ion Ratio Lower Upper

42 100

72 49.6 40.0 60.0

71 46.5 37.4 56.0



#30

Chloroform

Concen: 19.416 ug/l

RT: 5.055 min Scan# 1171

Delta R.T. 0.003 min

Lab File: VU063711.D

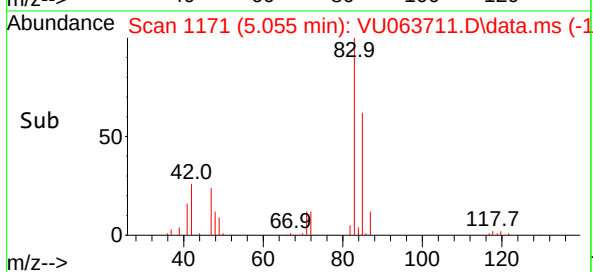
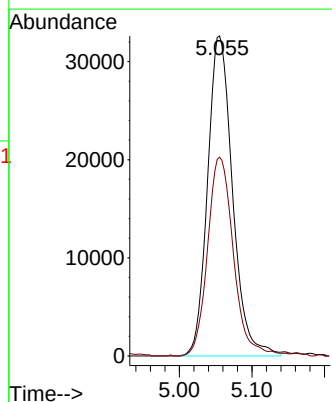
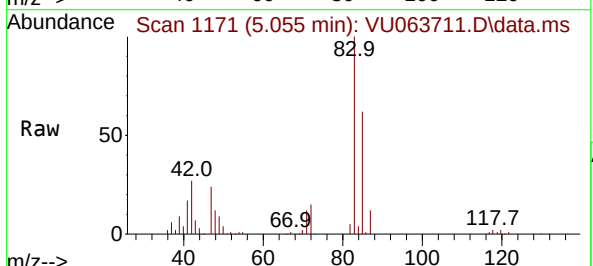
Acq: 12 Nov 2025 11:03

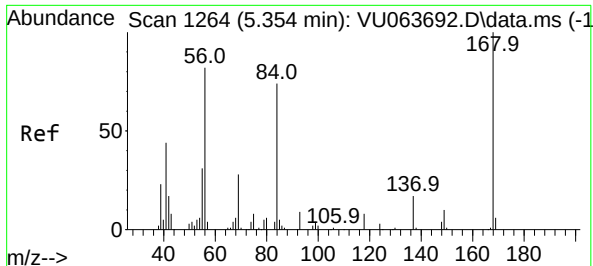
Tgt Ion: 83 Resp: 78047

Ion Ratio Lower Upper

83 100

85 62.2 51.0 76.6

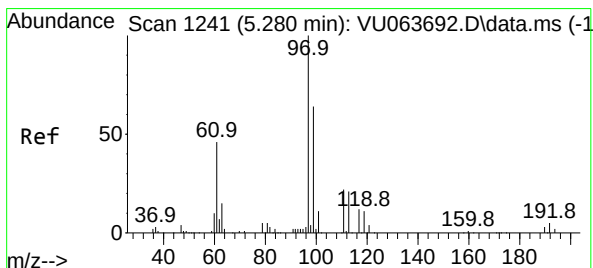
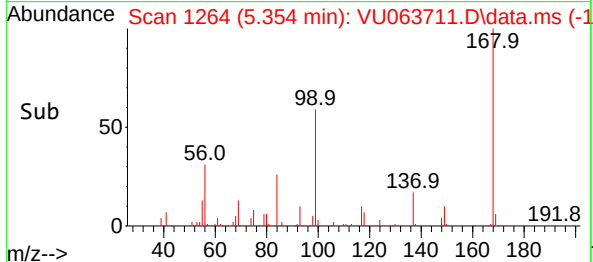
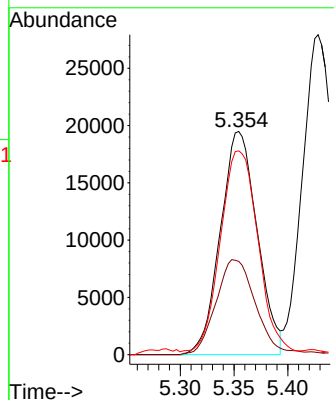
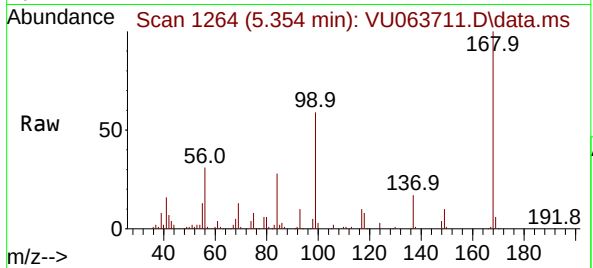




#31
Cyclohexane
Concen: 18.734 ug/l
RT: 5.354 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

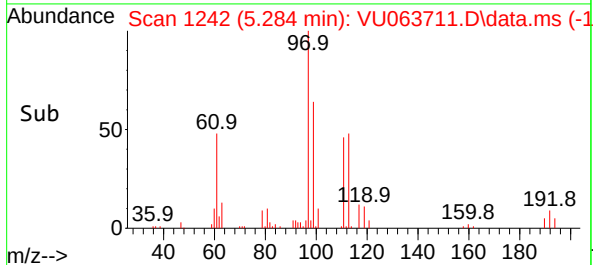
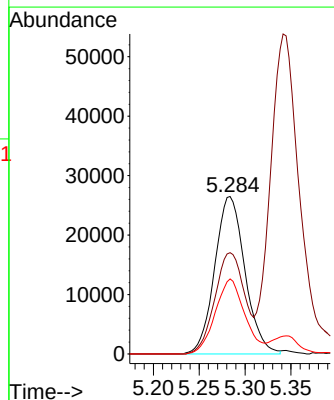
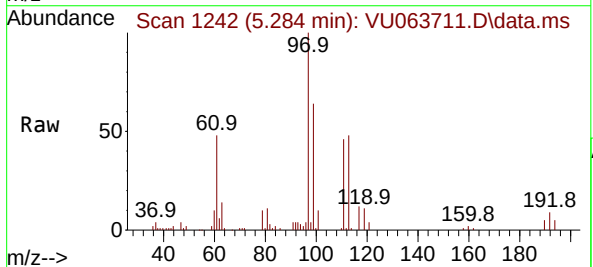
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

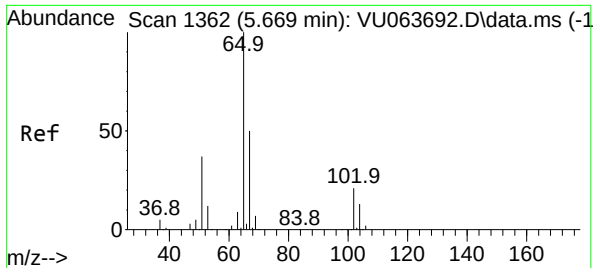
Tgt Ion: 56 Resp: 46411
Ion Ratio Lower Upper
56 100
69 41.8 27.0 40.6#
84 90.0 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 18.425 ug/l
RT: 5.284 min Scan# 1242
Delta R.T. 0.003 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 97 Resp: 60776
Ion Ratio Lower Upper
97 100
99 63.2 49.8 74.8
61 46.7 36.6 55.0

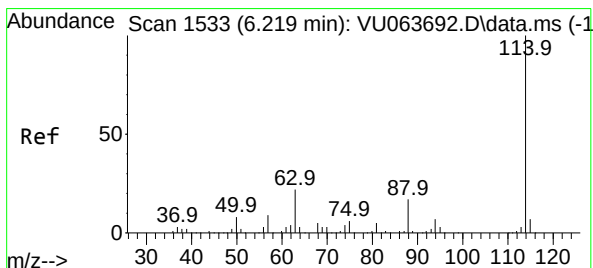
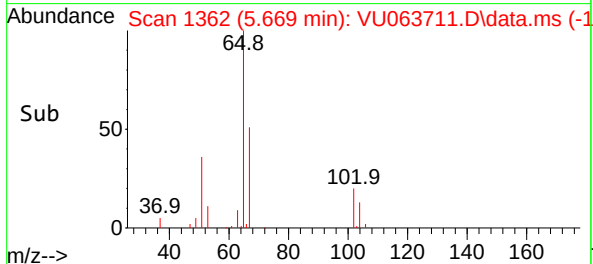
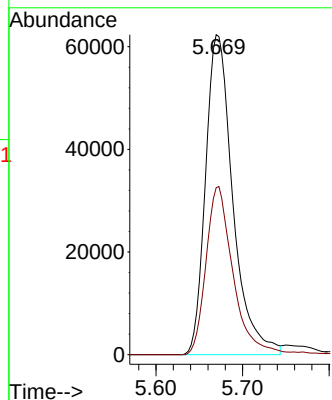
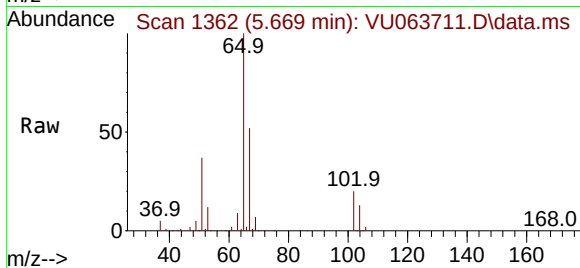




#33
 1,2-Dichloroethane-d4
 Concen: 46.416 ug/l
 RT: 5.669 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VU063711.D
 Acq: 12 Nov 2025 11:03

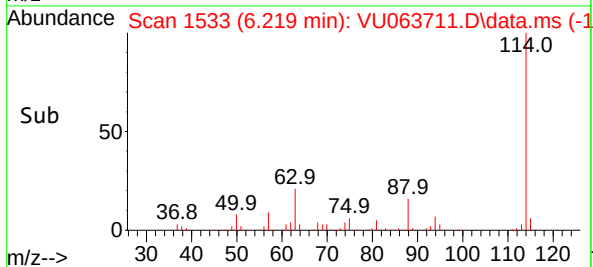
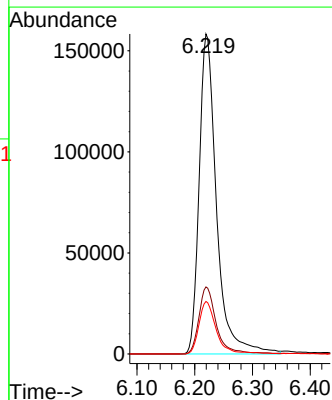
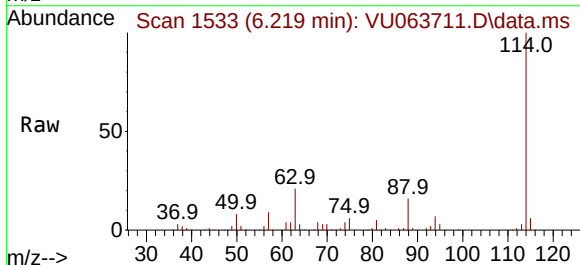
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBS01

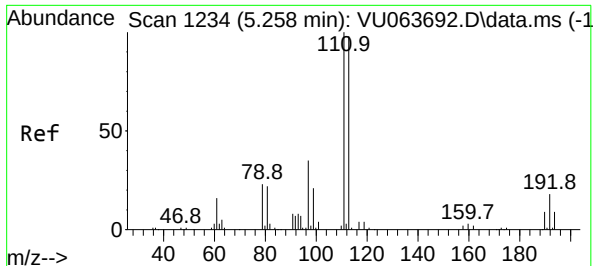
Tgt Ion: 65 Resp: 136569
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.219 min Scan# 1533
 Delta R.T. 0.000 min
 Lab File: VU063711.D
 Acq: 12 Nov 2025 11:03

Tgt Ion: 114 Resp: 330192
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 44.0
 88 16.4 0.0 33.6

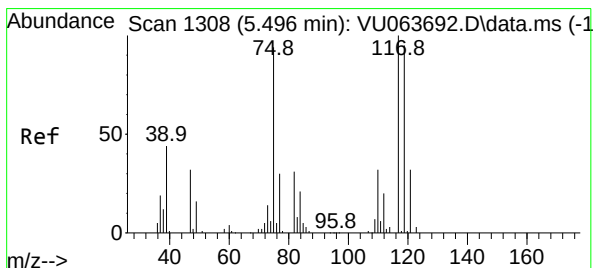
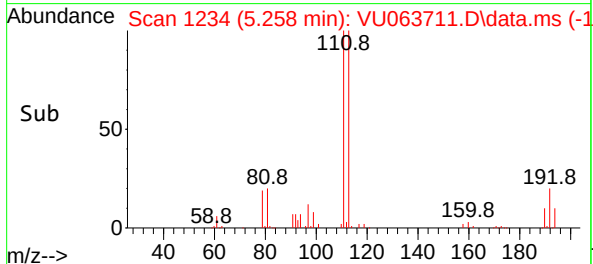
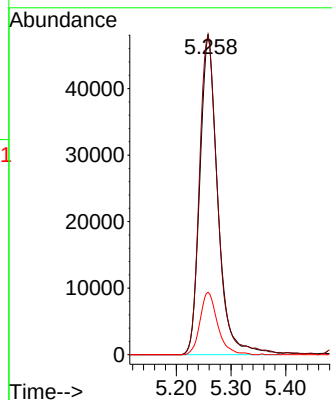
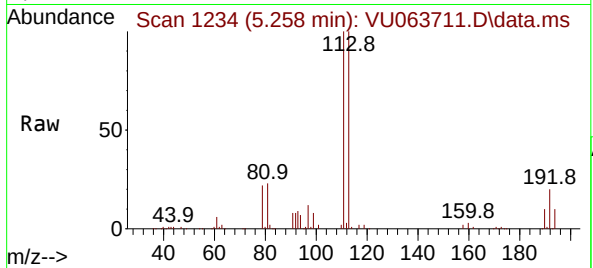




#35
Dibromofluoromethane
Concen: 47.292 ug/l
RT: 5.258 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

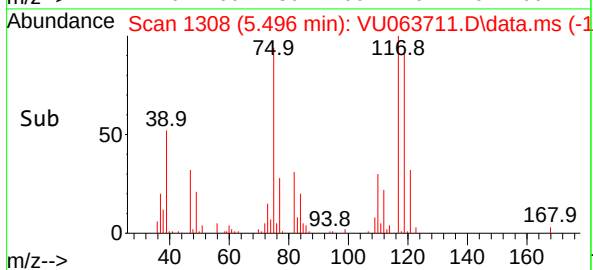
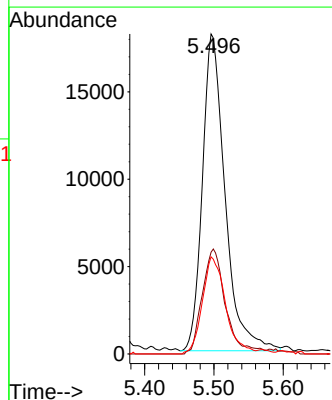
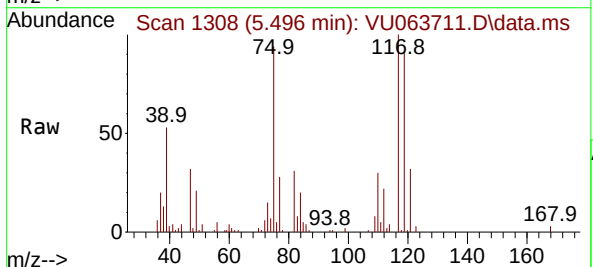
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

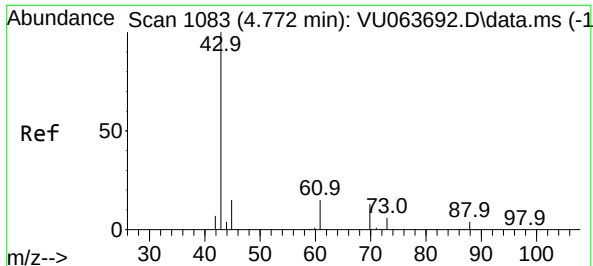
Tgt Ion:113 Resp: 109370
Ion Ratio Lower Upper
113 100
111 101.8 82.4 123.6
192 19.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 17.529 ug/l
RT: 5.496 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 75 Resp: 41261
Ion Ratio Lower Upper
75 100
110 33.9 17.3 51.7
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 17.629 ug/l

RT: 4.782 min Scan# 1086

Delta R.T. 0.010 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

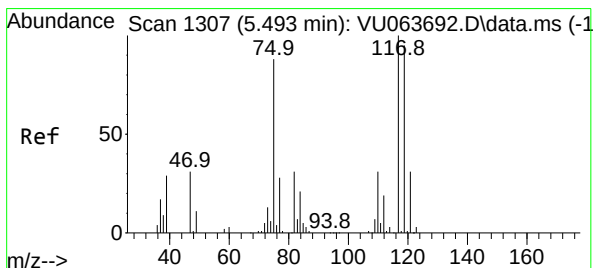
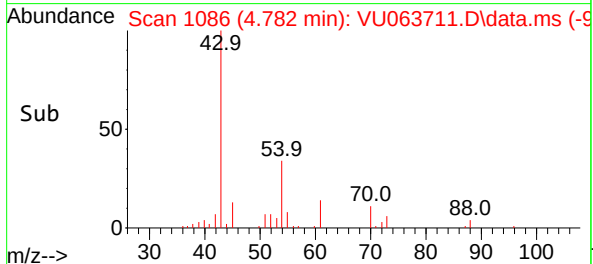
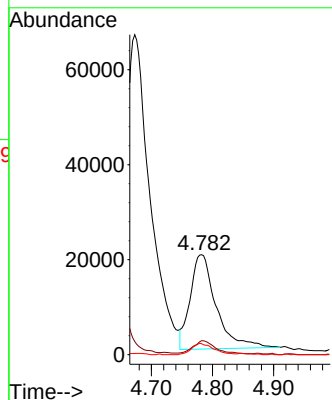
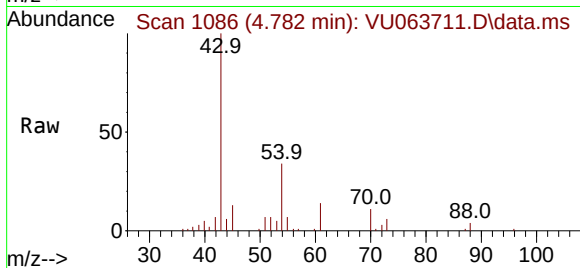
Tgt Ion: 43 Resp: 58756

Ion Ratio Lower Upper

43 100

61 11.6 10.3 15.5

70 10.1 8.9 13.3



#38

Carbon Tetrachloride

Concen: 16.706 ug/l

RT: 5.496 min Scan# 1308

Delta R.T. 0.003 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

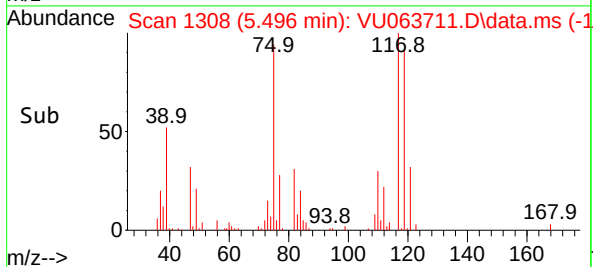
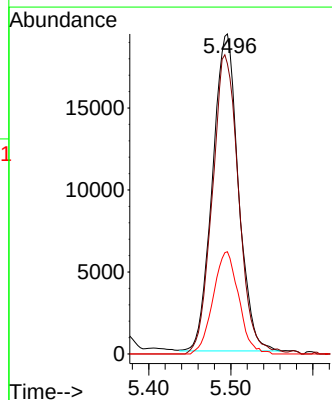
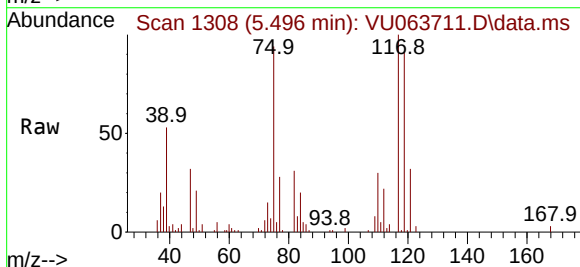
Tgt Ion: 117 Resp: 42501

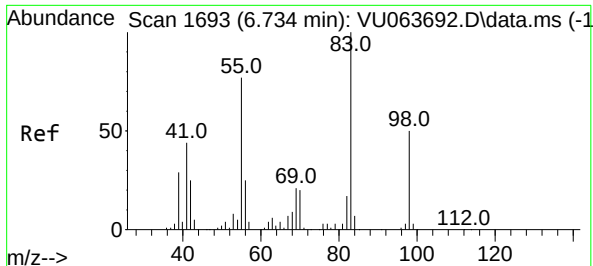
Ion Ratio Lower Upper

117 100

119 91.5 76.1 114.1

121 32.2 24.6 37.0





#39

Methylcyclohexane

Concen: 17.762 ug/l

RT: 6.734 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

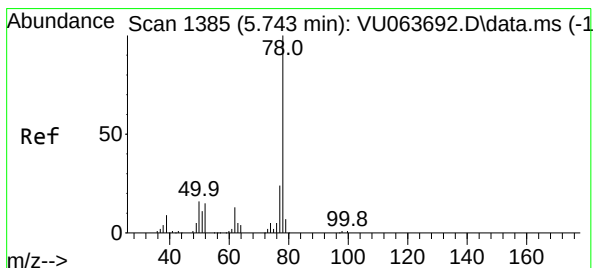
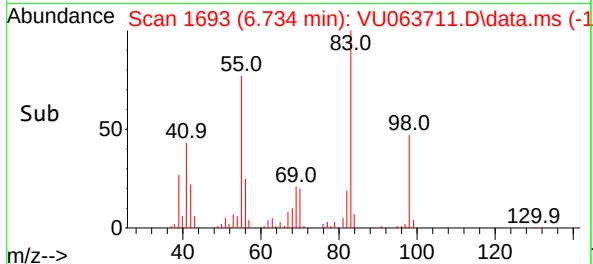
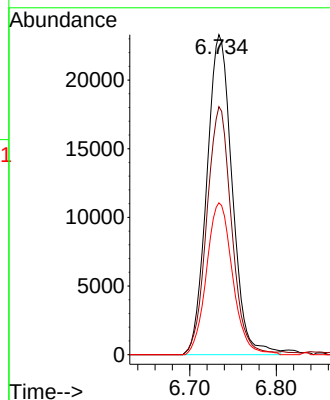
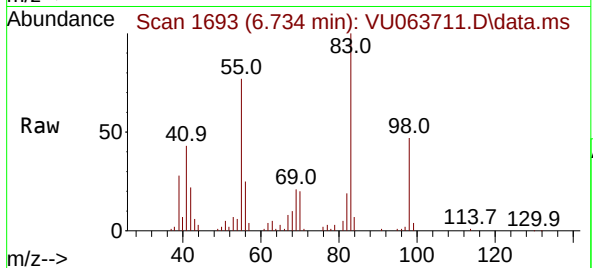
Tgt Ion: 83 Resp: 47468

Ion Ratio Lower Upper

83 100

55 77.5 61.6 92.4

98 47.4 40.0 60.0



#40

Benzene

Concen: 18.072 ug/l

RT: 5.743 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU063711.D

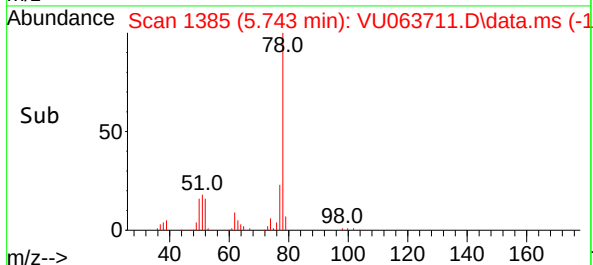
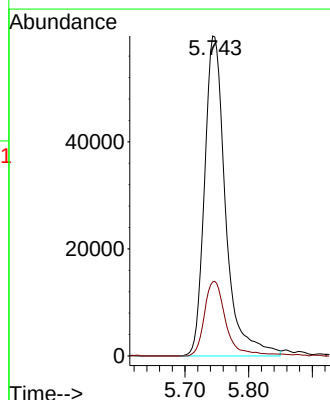
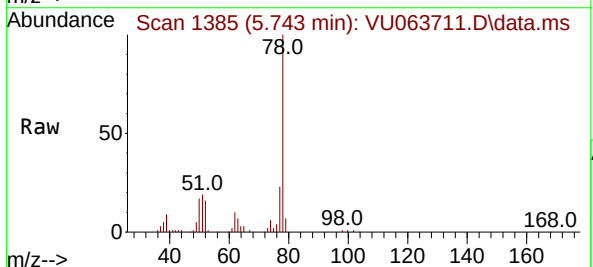
Acq: 12 Nov 2025 11:03

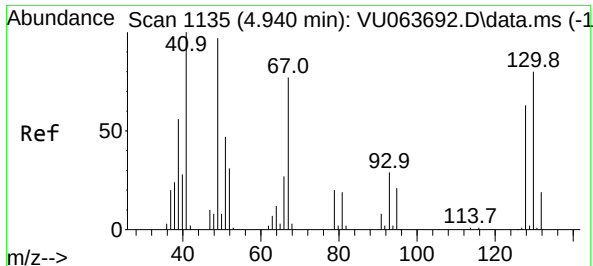
Tgt Ion: 78 Resp: 137275

Ion Ratio Lower Upper

78 100

77 23.1 18.9 28.3

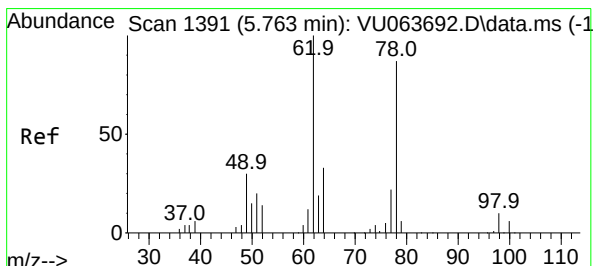
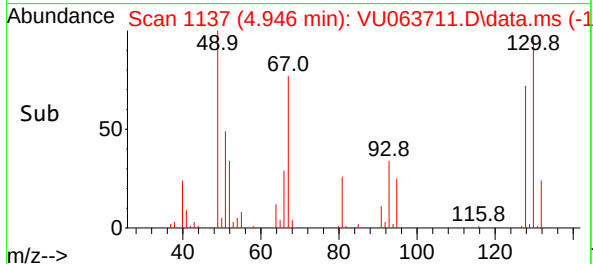
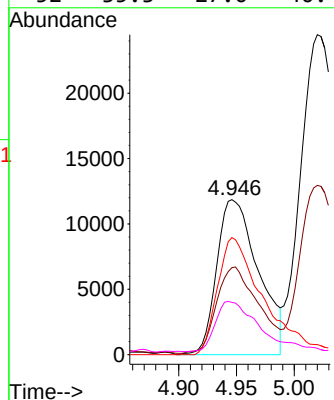
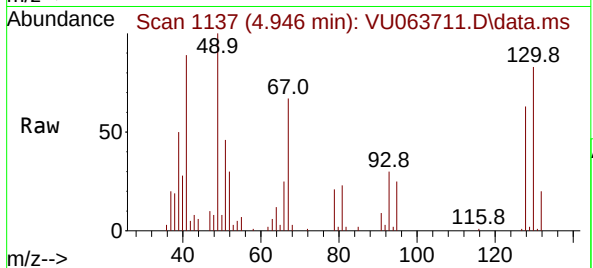




#41
Methacrylonitrile
Concen: 17.185 ug/l
RT: 4.946 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

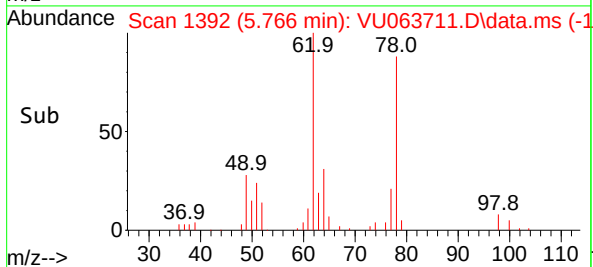
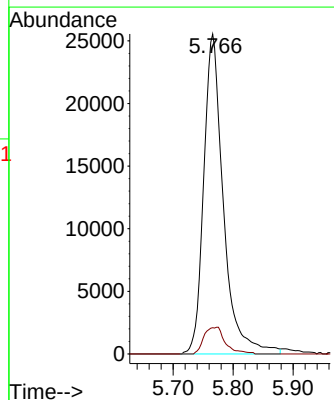
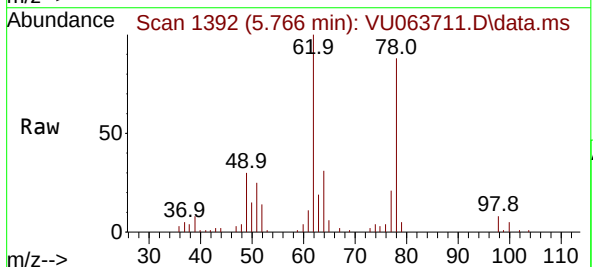
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

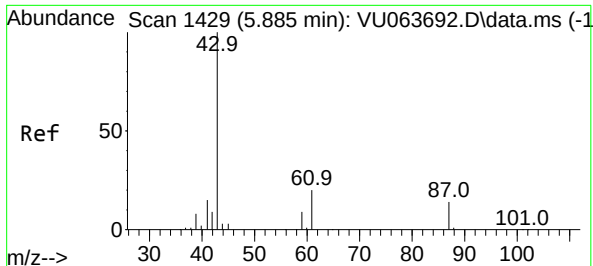
Tgt Ion:	41	Resp:	29769
Ion	Ratio	Lower	Upper
41	100		
39	55.9	44.7	67.1
67	83.3	67.4	101.2
52	35.3	27.0	40.4



#42
1,2-Dichloroethane
Concen: 19.473 ug/l
RT: 5.766 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion:	62	Resp:	58338
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.2





#43

Isopropyl Acetate

Concen: 17.308 ug/l

RT: 5.885 min Scan# 1429

Delta R.T. -0.000 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

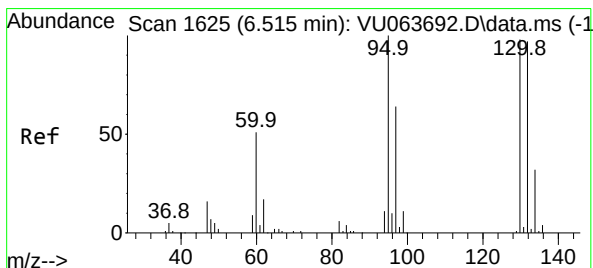
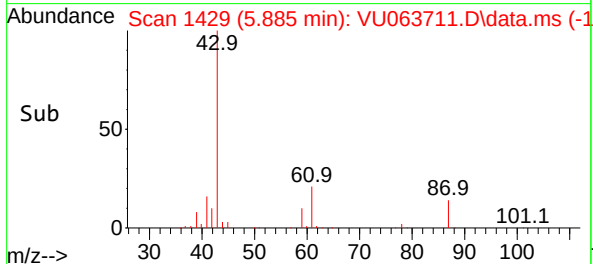
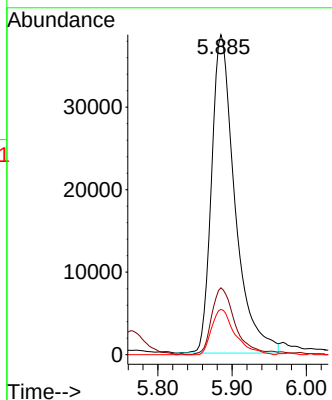
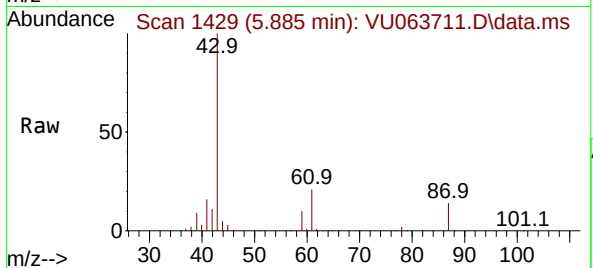
Tgt Ion: 43 Resp: 84552

Ion Ratio Lower Upper

43 100

61 20.8 15.9 23.9

87 14.2 11.0 16.6



#44

Trichloroethene

Concen: 18.576 ug/l

RT: 6.515 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VU063711.D

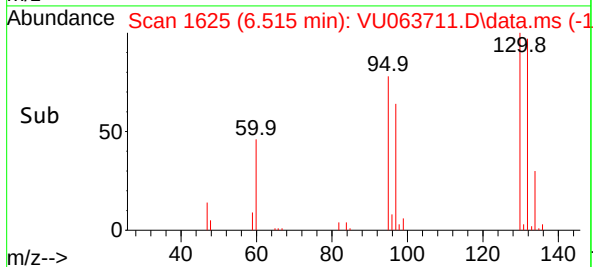
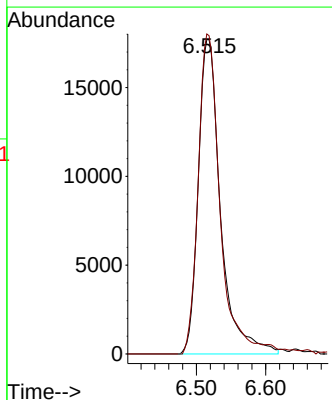
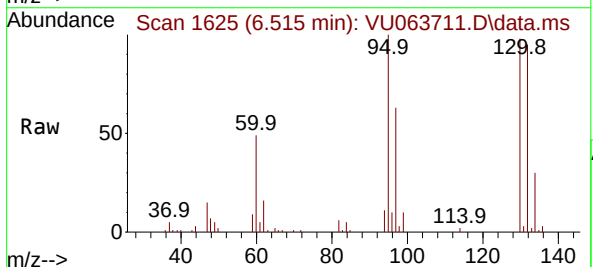
Acq: 12 Nov 2025 11:03

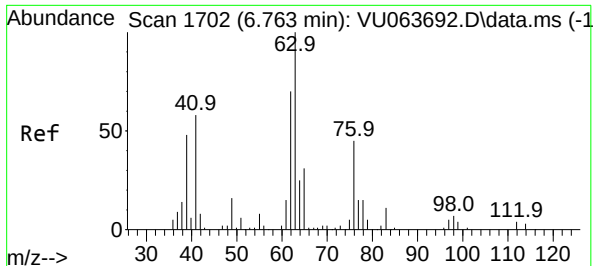
Tgt Ion: 130 Resp: 39587

Ion Ratio Lower Upper

130 100

95 101.8 0.0 203.6





#45

1,2-Dichloropropane

Concen: 18.502 ug/l

RT: 6.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

Instrument :

MSVOA_U

ClientSampleId :

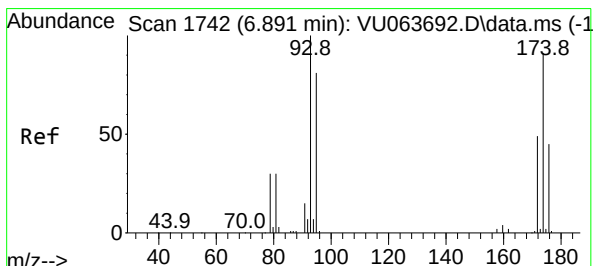
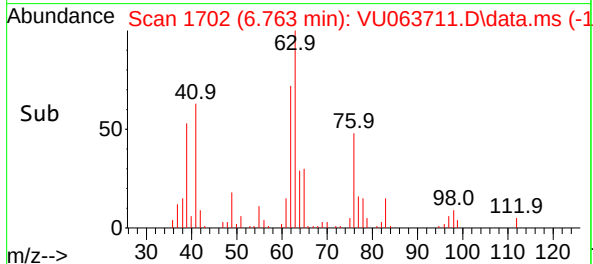
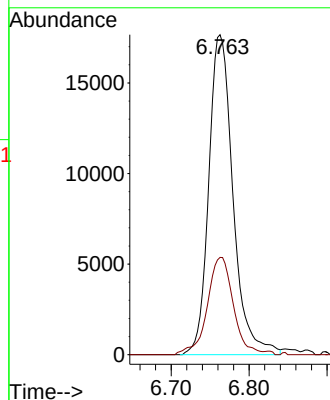
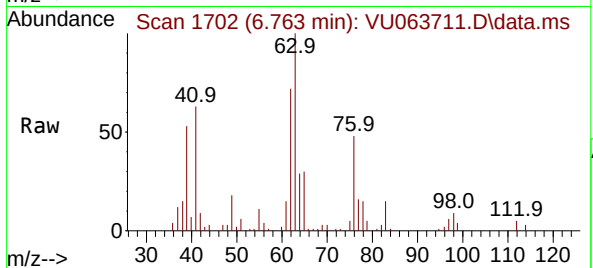
VU1112WBS01

Tgt Ion: 63 Resp: 38204

Ion Ratio Lower Upper

63 100

65 30.4 24.9 37.3



#46

Dibromomethane

Concen: 19.058 ug/l

RT: 6.891 min Scan# 1742

Delta R.T. 0.000 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

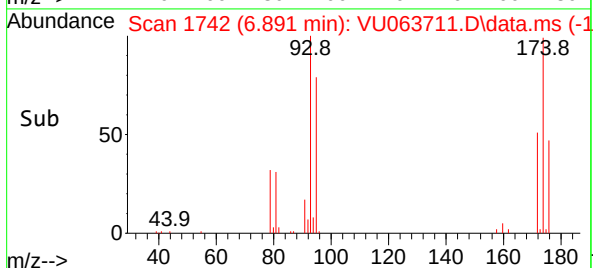
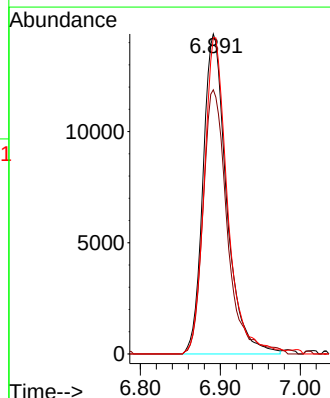
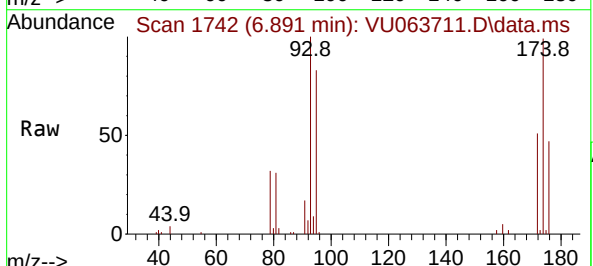
Tgt Ion: 93 Resp: 29549

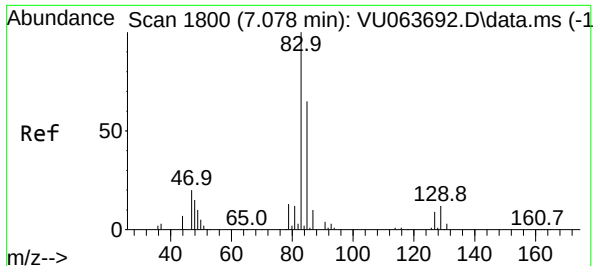
Ion Ratio Lower Upper

93 100

95 84.6 65.9 98.9

174 97.8 74.9 112.3

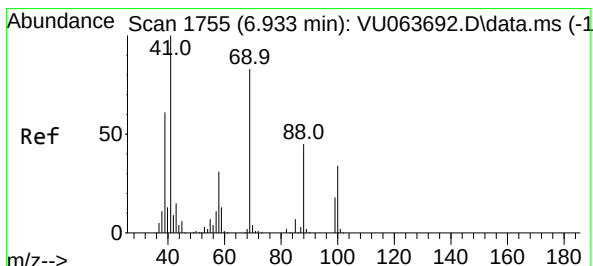
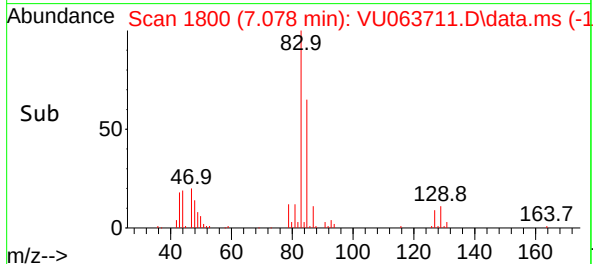
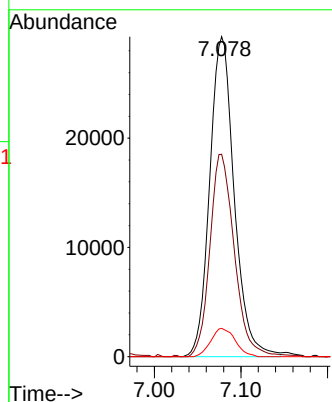
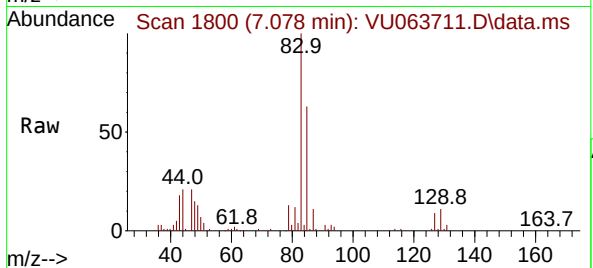




#47
Bromodichloromethane
Concen: 18.343 ug/l
RT: 7.078 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

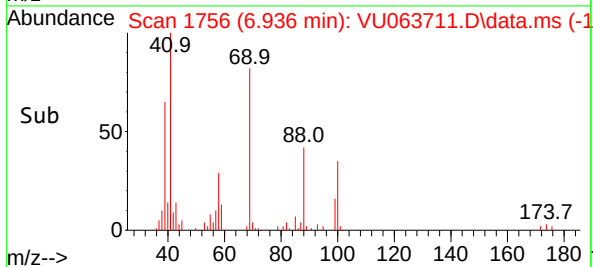
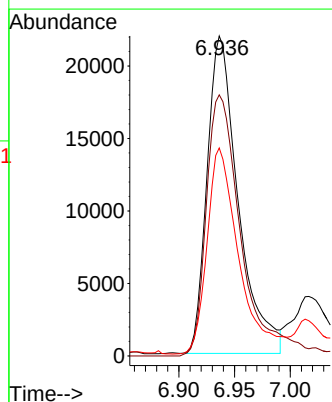
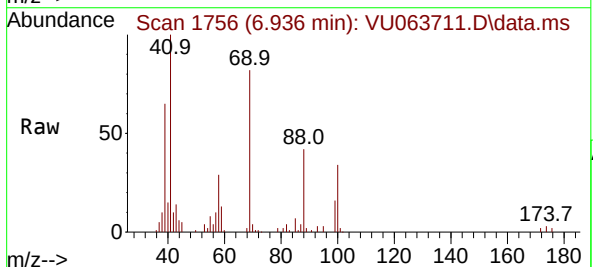
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

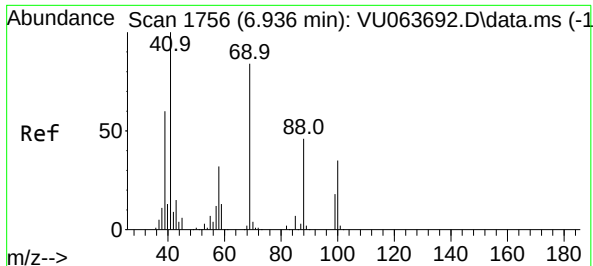
Tgt Ion: 83 Resp: 57658
Ion Ratio Lower Upper
83 100
85 63.2 51.9 77.9
127 8.8 6.9 10.3



#48
Methyl methacrylate
Concen: 17.772 ug/l
RT: 6.936 min Scan# 1756
Delta R.T. 0.003 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 41 Resp: 42617
Ion Ratio Lower Upper
41 100
69 91.3 72.9 109.3
39 66.2 51.0 76.4





#49

1,4-Dioxane

Concen: 340.610 ug/l

RT: 6.939 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

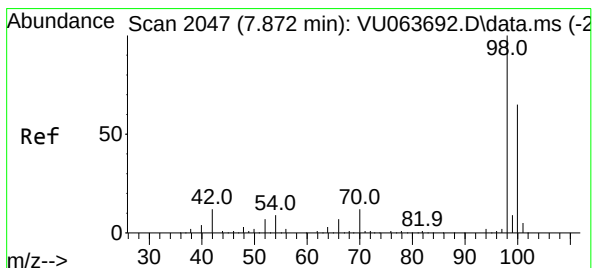
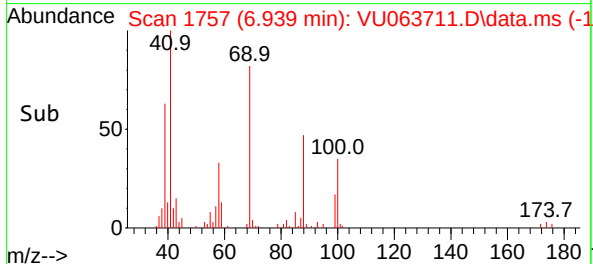
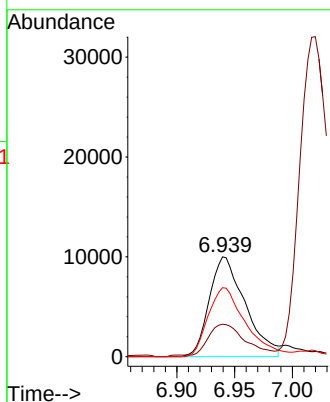
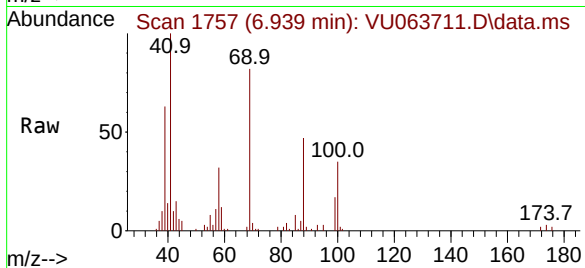
Tgt Ion: 88 Resp: 21639

Ion Ratio Lower Upper

88 100

43 34.8 24.1 36.1

58 71.9 54.2 81.4



#50

Toluene-d8

Concen: 46.246 ug/l

RT: 7.872 min Scan# 2047

Delta R.T. 0.000 min

Lab File: VU063711.D

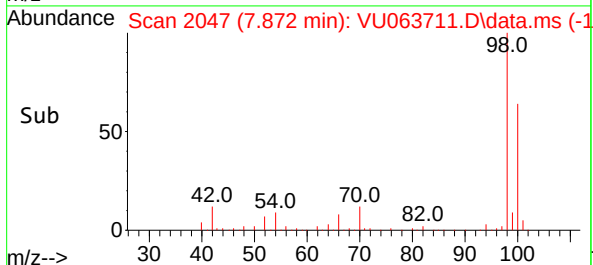
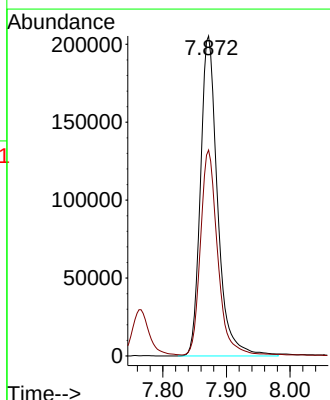
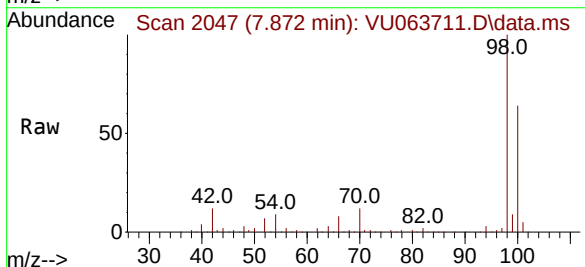
Acq: 12 Nov 2025 11:03

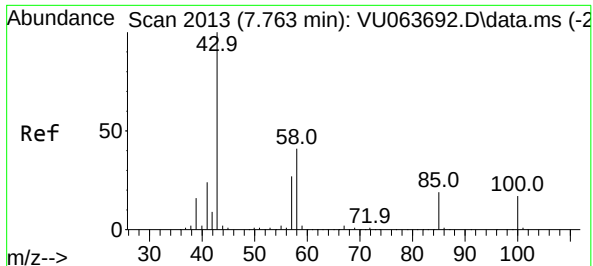
Tgt Ion: 98 Resp: 384230

Ion Ratio Lower Upper

98 100

100 64.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 88.356 ug/l

RT: 7.763 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

Instrument :

MSVOA_U

ClientSampleId :

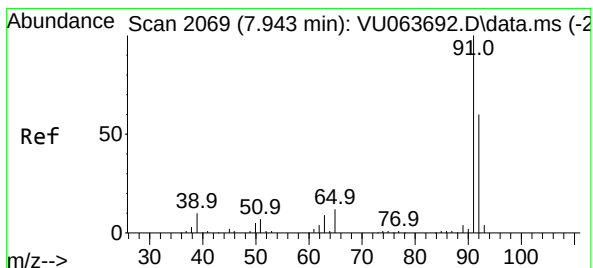
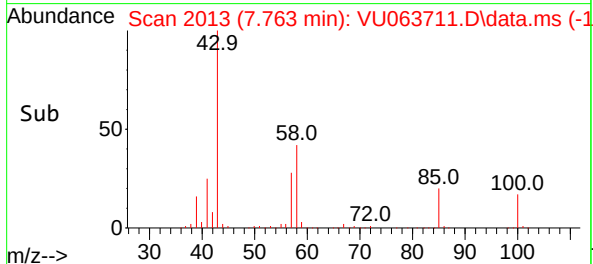
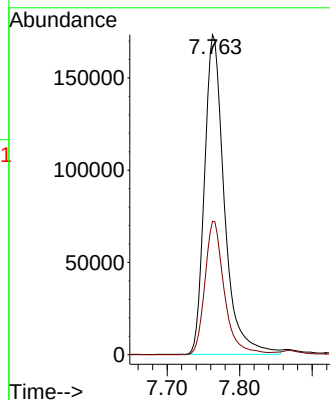
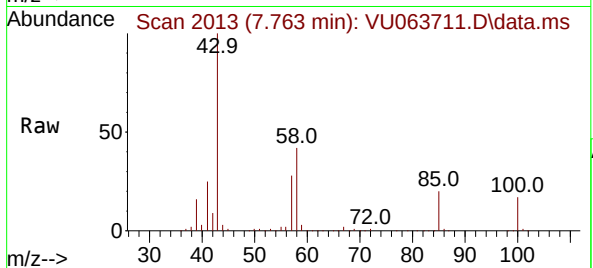
VU1112WBS01

Tgt Ion: 43 Resp: 330307

Ion Ratio Lower Upper

43 100

58 40.8 32.3 48.5



#52

Toluene

Concen: 18.972 ug/l

RT: 7.943 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VU063711.D

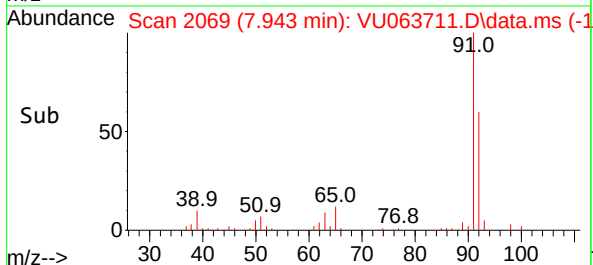
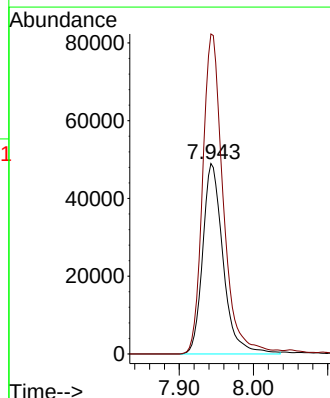
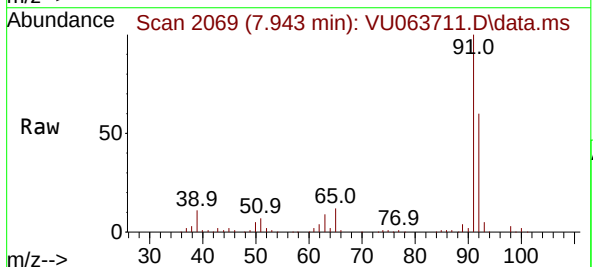
Acq: 12 Nov 2025 11:03

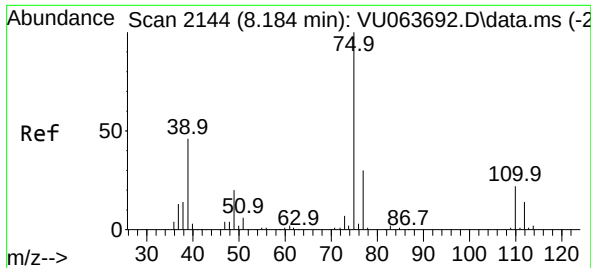
Tgt Ion: 92 Resp: 93525

Ion Ratio Lower Upper

92 100

91 169.4 136.6 204.8

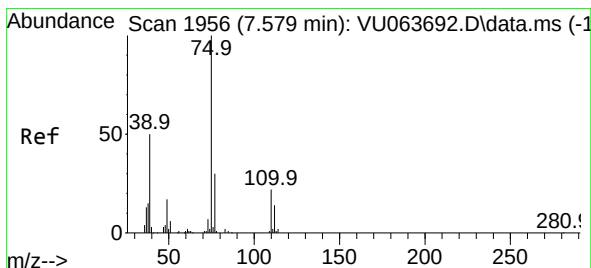
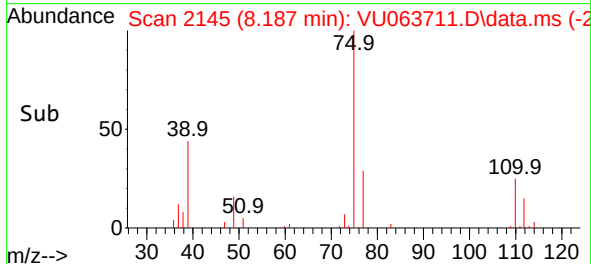
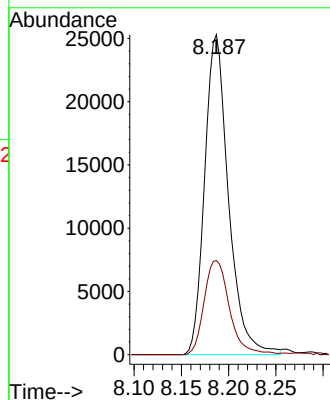
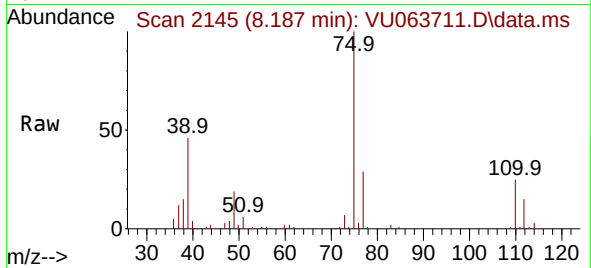




#53
 t-1,3-Dichloropropene
 Concen: 16.781 ug/l
 RT: 8.187 min Scan# 2144
 Delta R.T. 0.003 min
 Lab File: VU063711.D
 Acq: 12 Nov 2025 11:03

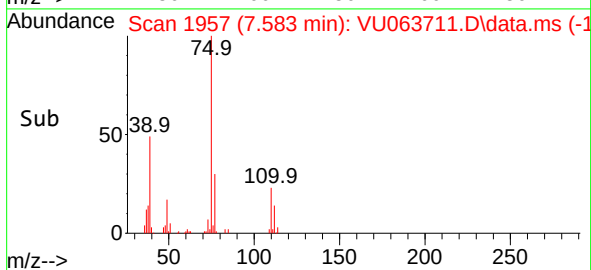
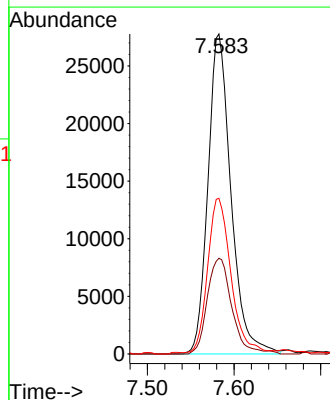
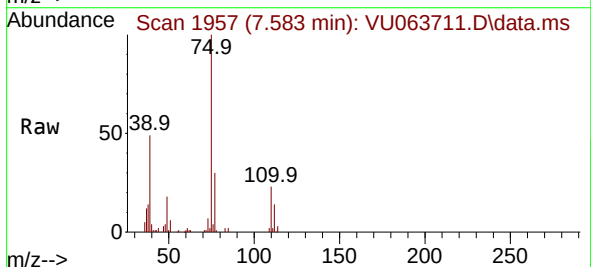
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBS01

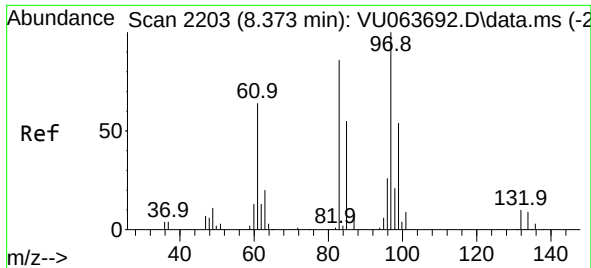
Tgt Ion: 75 Resp: 44418
 Ion Ratio Lower Upper
 75 100
 77 29.4 24.3 36.5



#54
 cis-1,3-Dichloropropene
 Concen: 17.310 ug/l
 RT: 7.583 min Scan# 1957
 Delta R.T. 0.003 min
 Lab File: VU063711.D
 Acq: 12 Nov 2025 11:03

Tgt Ion: 75 Resp: 51355
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.3 36.5
 39 48.2 40.2 60.2

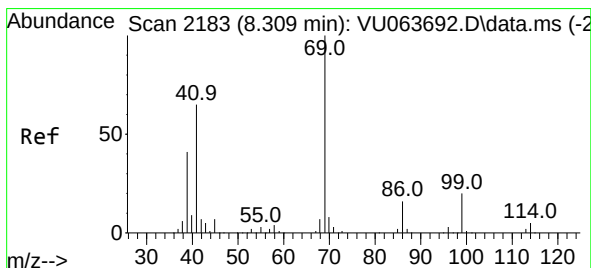
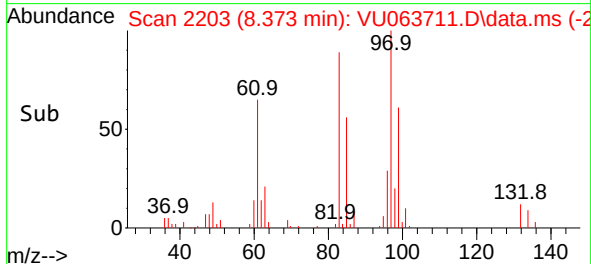
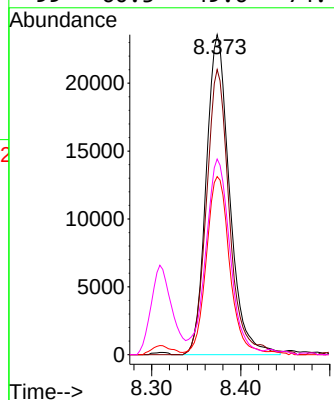
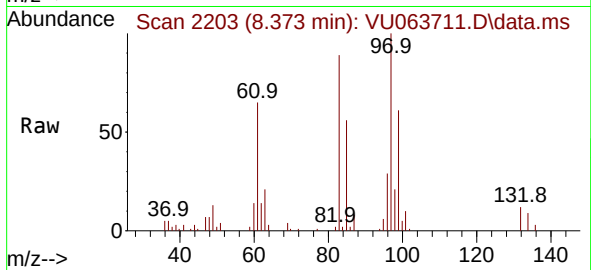




#55
1,1,2-Trichloroethane
Concen: 19.035 ug/l
RT: 8.373 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

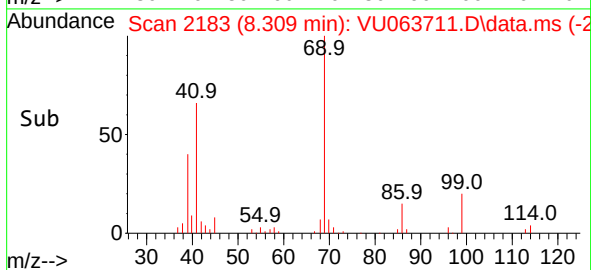
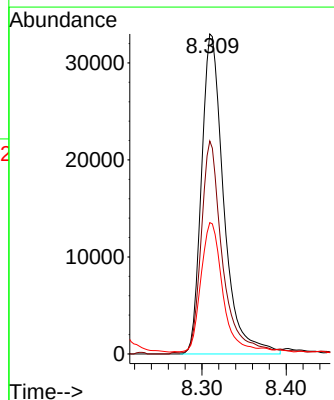
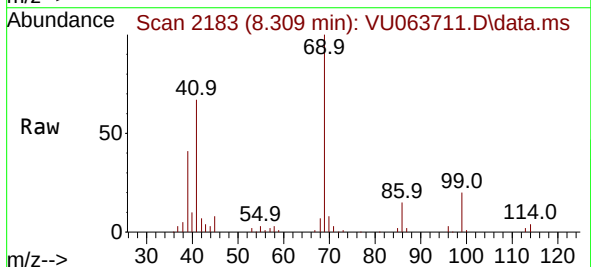
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

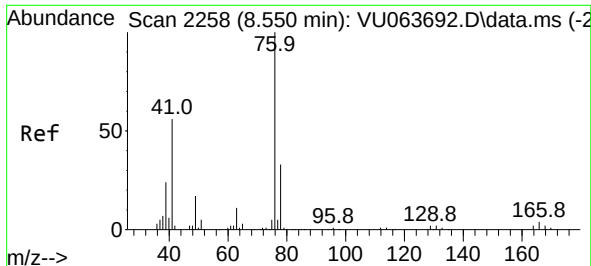
Tgt Ion:	97	Resp:	43059
Ion	Ratio	Lower	Upper
97	100		
83	89.1	69.0	103.4
85	55.0	44.2	66.4
99	60.3	49.6	74.4



#56
Ethyl methacrylate
Concen: 18.153 ug/l
RT: 8.309 min Scan# 2183
Delta R.T. 0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion:	69	Resp:	60593
Ion	Ratio	Lower	Upper
69	100		
41	62.6	51.4	77.2
39	38.8	32.2	48.4





#57

1,3-Dichloropropane

Concen: 18.527 ug/l

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

Instrument :

MSVOA_U

ClientSampleId :

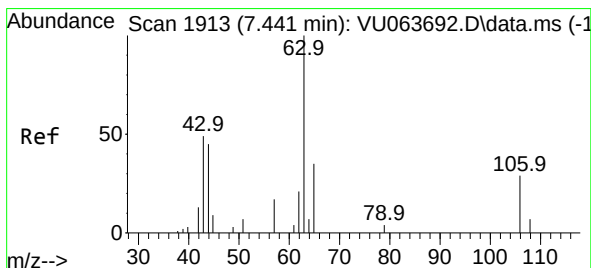
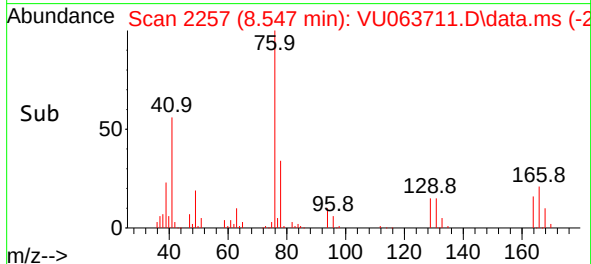
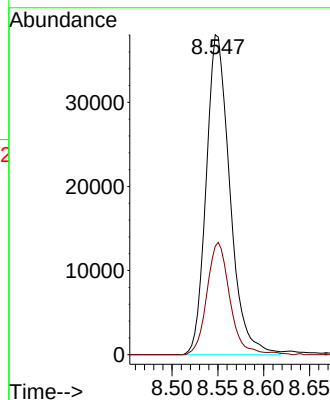
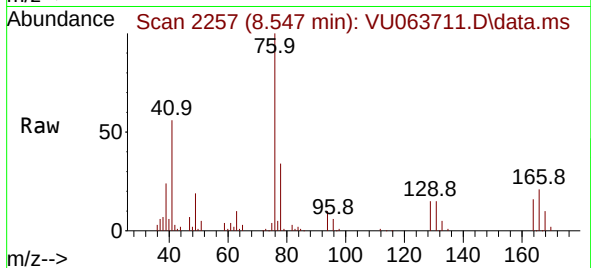
VU1112WBS01

Tgt Ion: 76 Resp: 68374

Ion Ratio Lower Upper

76 100

78 33.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 66.772 ug/l

RT: 7.447 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VU063711.D

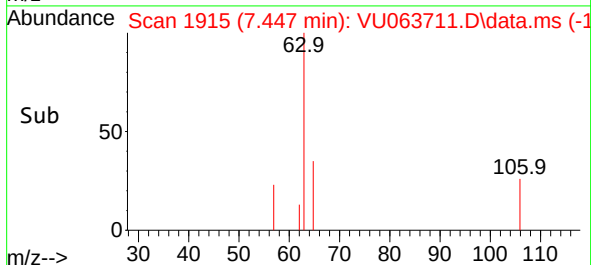
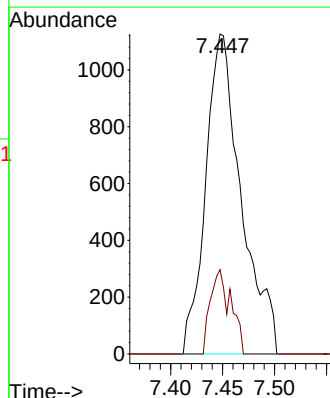
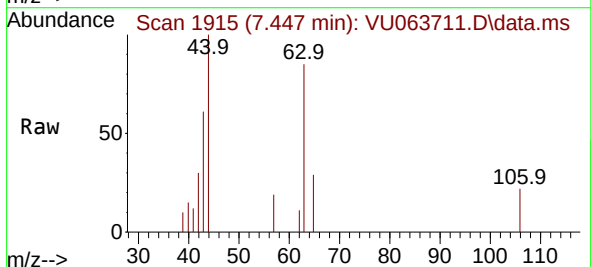
Acq: 12 Nov 2025 11:03

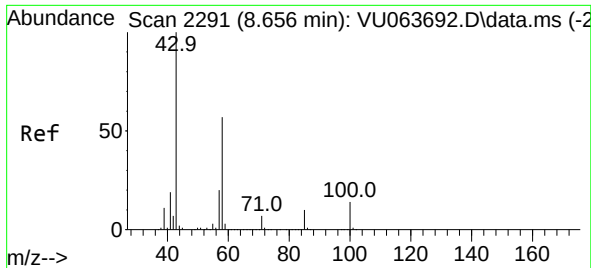
Tgt Ion: 63 Resp: 2680

Ion Ratio Lower Upper

63 100

106 15.1 15.8 23.8#

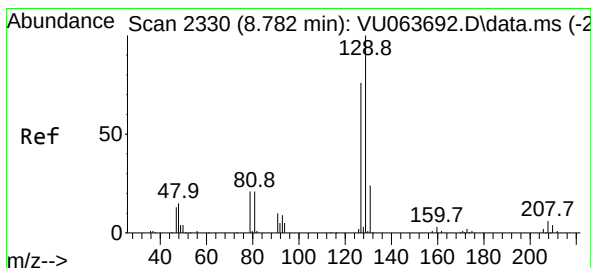
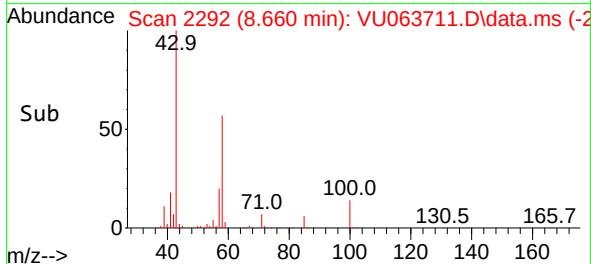
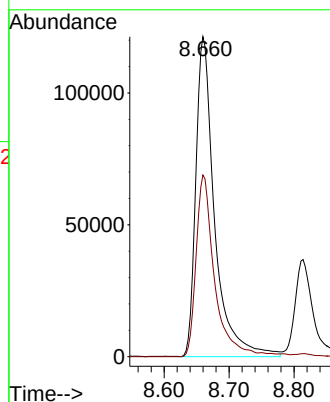
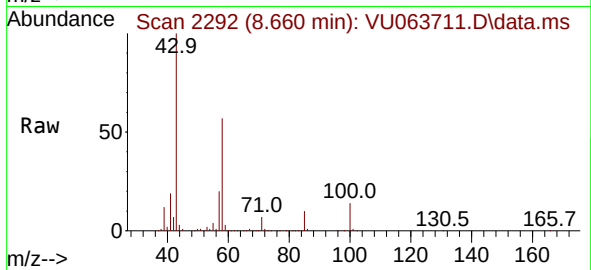




#59
2-Hexanone
Concen: 87.721 ug/l
RT: 8.660 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

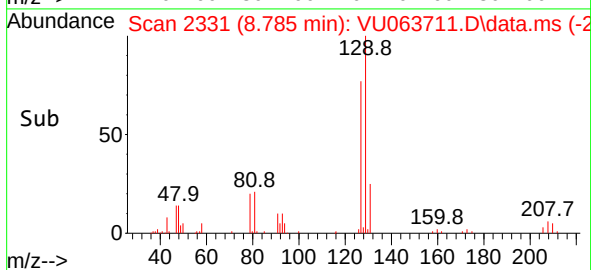
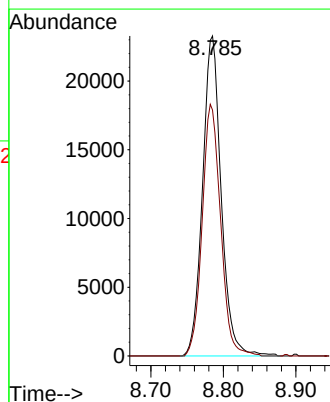
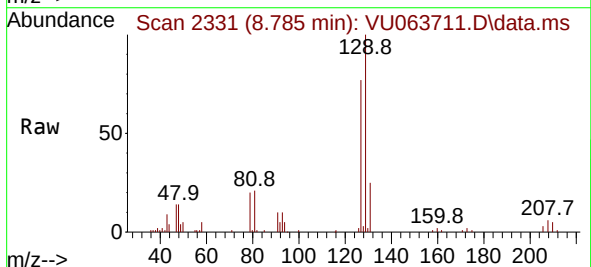
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

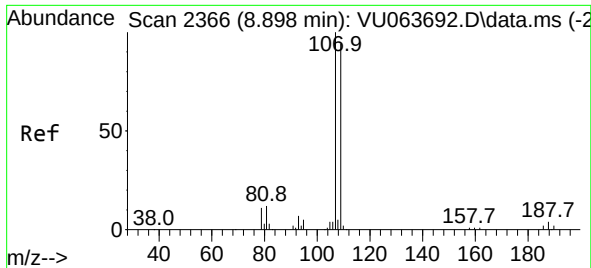
Tgt Ion: 43 Resp: 244248
Ion Ratio Lower Upper
43 100
58 55.0 28.4 85.3



#60
Dibromochloromethane
Concen: 17.563 ug/l
RT: 8.785 min Scan# 2331
Delta R.T. 0.003 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 129 Resp: 41612
Ion Ratio Lower Upper
129 100
127 77.6 38.2 114.6

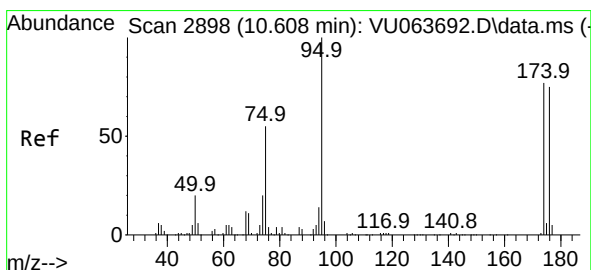
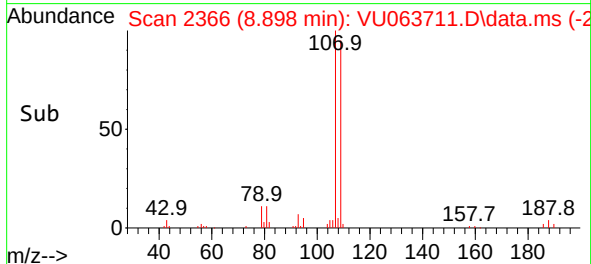
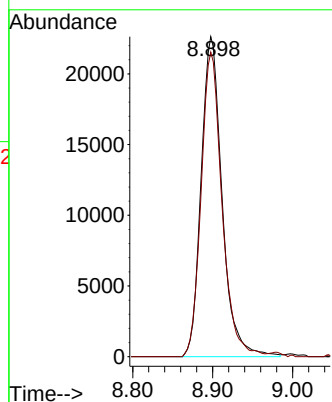
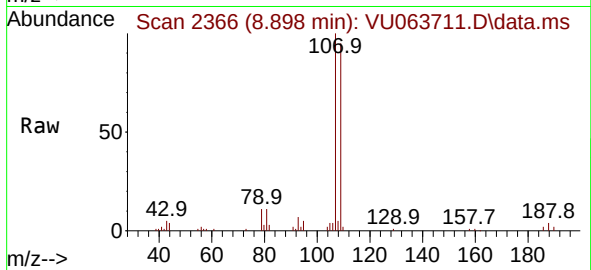




#61
1,2-Dibromoethane
Concen: 18.919 ug/l
RT: 8.898 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

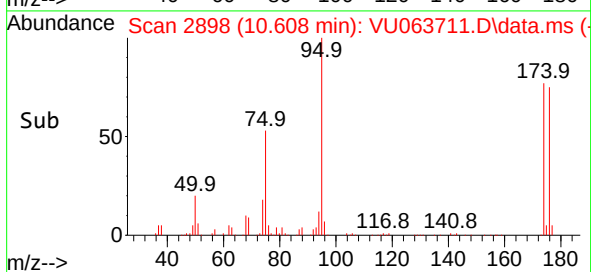
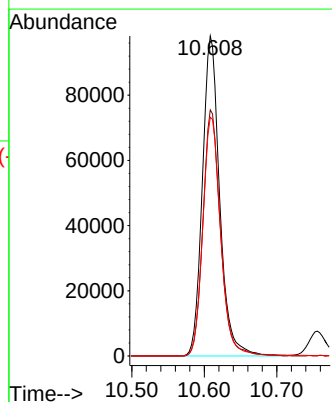
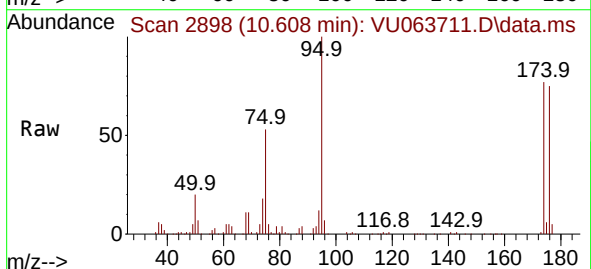
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

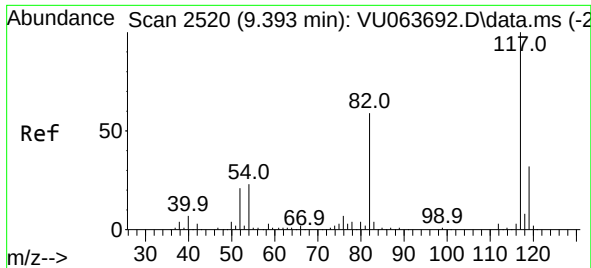
Tgt Ion:107 Resp: 41240
Ion Ratio Lower Upper
107 100
109 94.9 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 47.337 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 95 Resp: 162692
Ion Ratio Lower Upper
95 100
174 77.8 0.0 154.6
176 76.8 0.0 148.4

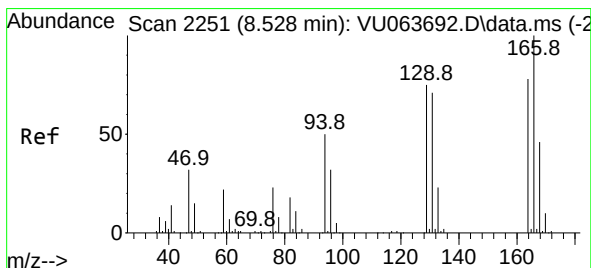
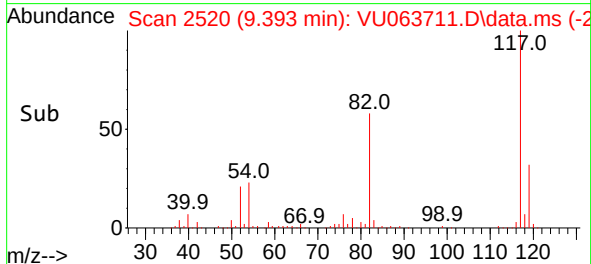
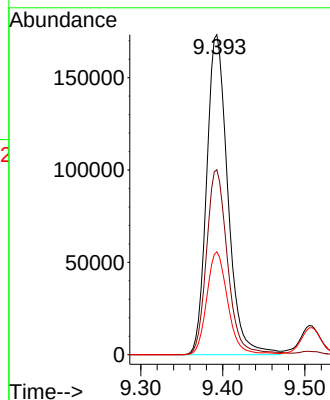
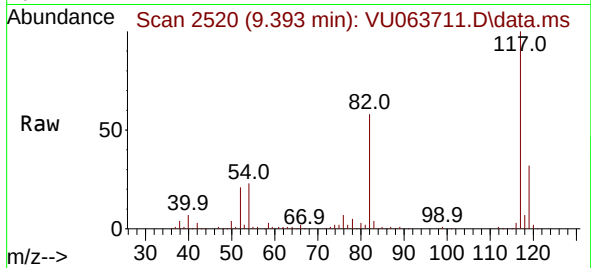




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

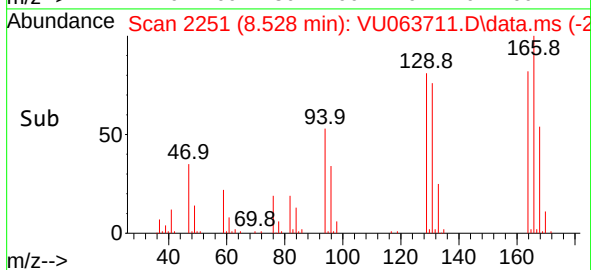
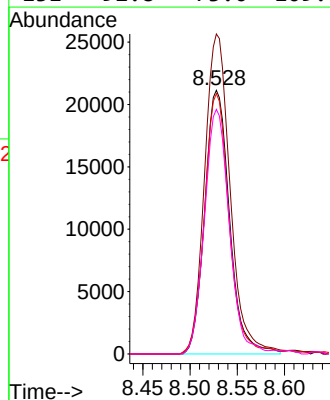
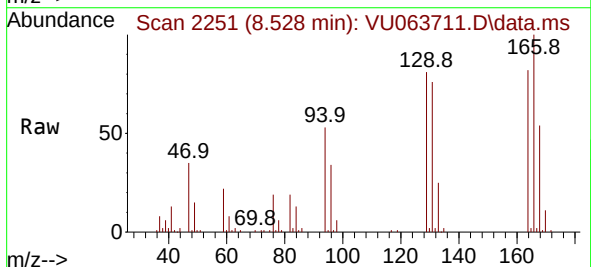
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

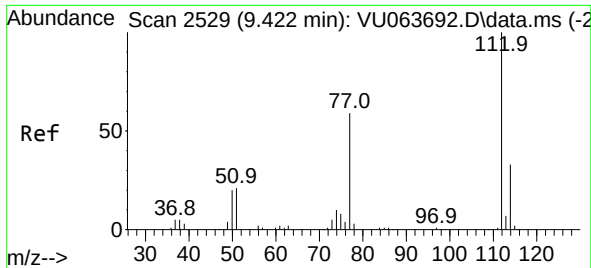
Tgt Ion:117 Resp: 311113
Ion Ratio Lower Upper
117 100
82 57.8 46.9 70.3
119 32.2 25.8 38.8



#64
Tetrachloroethene
Concen: 19.267 ug/l
RT: 8.528 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion:164 Resp: 38672
Ion Ratio Lower Upper
164 100
166 121.4 102.5 153.7
129 98.8 77.1 115.7
131 92.8 73.0 109.6

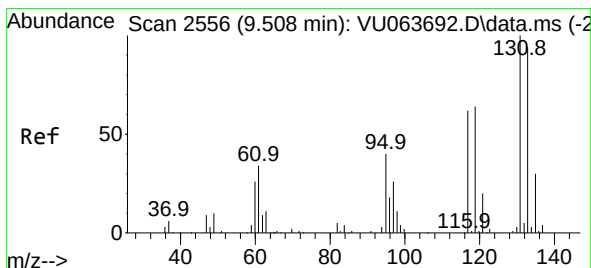
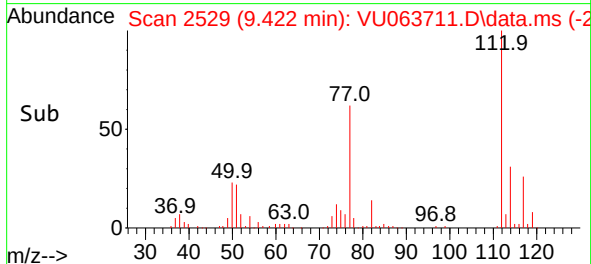
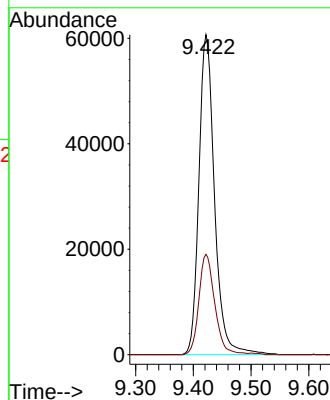
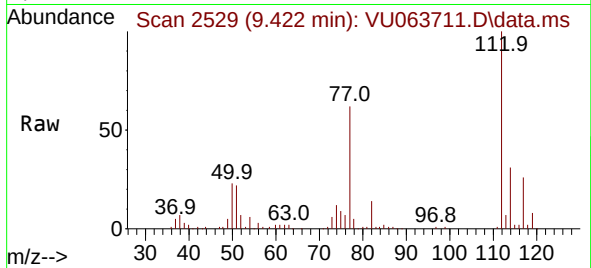




#65
Chlorobenzene
Concen: 18.803 ug/l
RT: 9.422 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

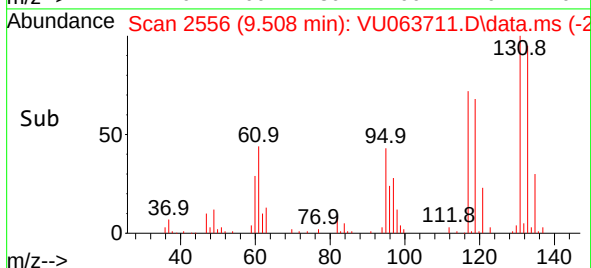
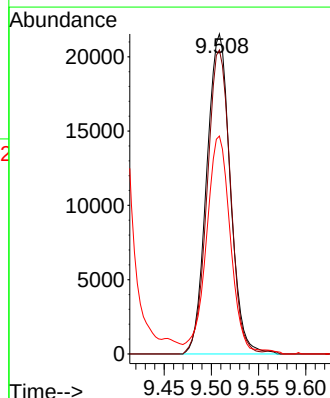
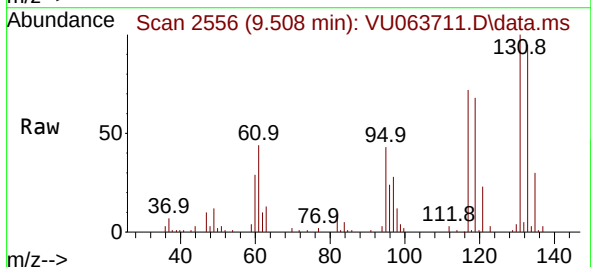
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

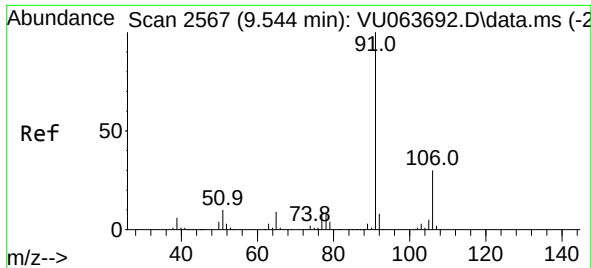
Tgt Ion:112 Resp: 114302
Ion Ratio Lower Upper
112 100
114 31.4 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 18.048 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion:131 Resp: 37317
Ion Ratio Lower Upper
131 100
133 93.6 47.5 142.5
119 69.9 33.3 99.8

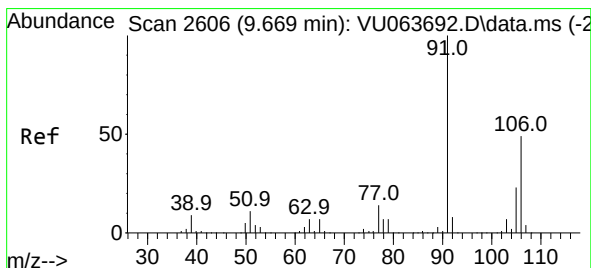
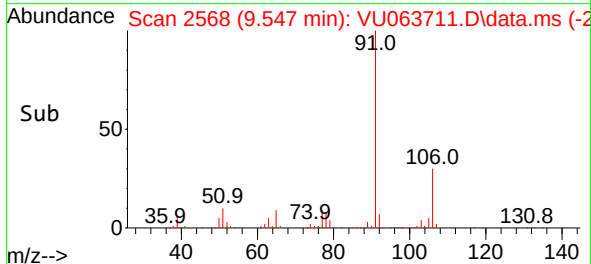
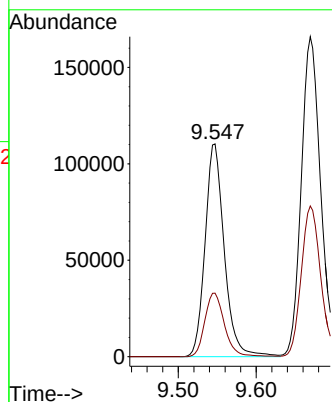
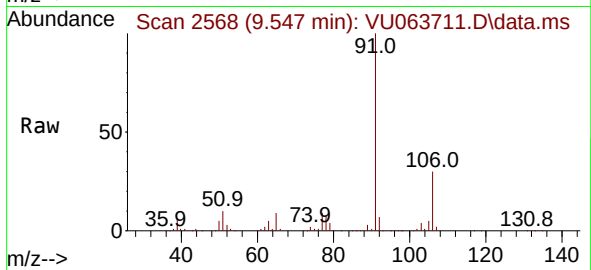




#67
Ethyl Benzene
Concen: 18.666 ug/l
RT: 9.547 min Scan# 2567
Delta R.T. 0.003 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

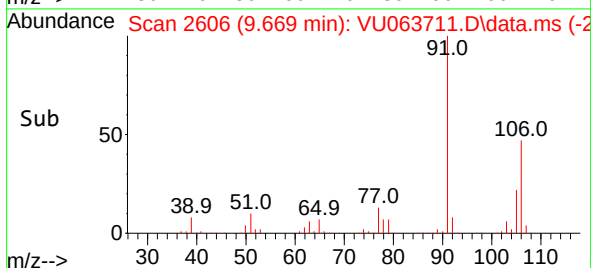
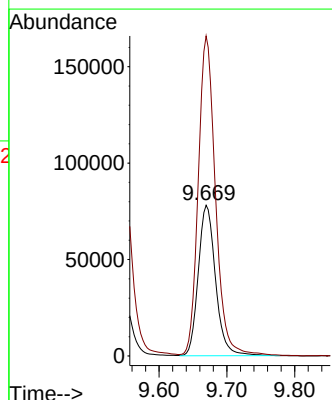
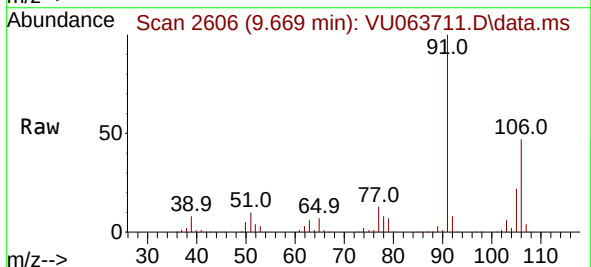
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

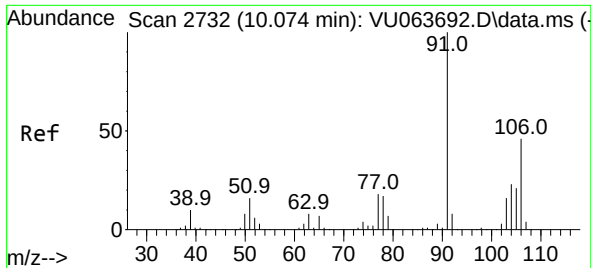
Tgt Ion: 91 Resp: 189000
Ion Ratio Lower Upper
91 100
106 29.8 23.8 35.8



#68
m/p-Xylenes
Concen: 37.022 ug/l
RT: 9.669 min Scan# 2606
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion:106 Resp: 138368
Ion Ratio Lower Upper
106 100
91 211.3 165.7 248.5

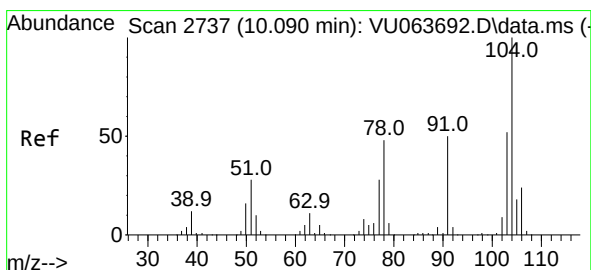
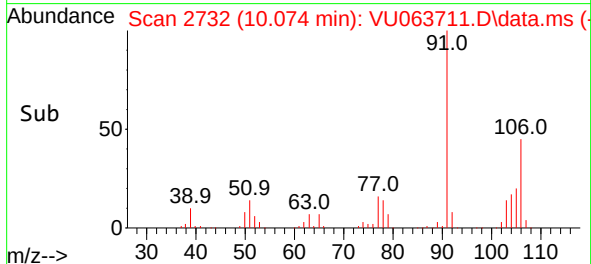
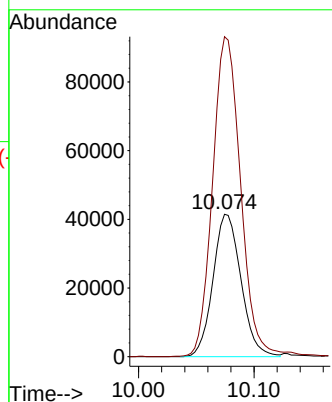
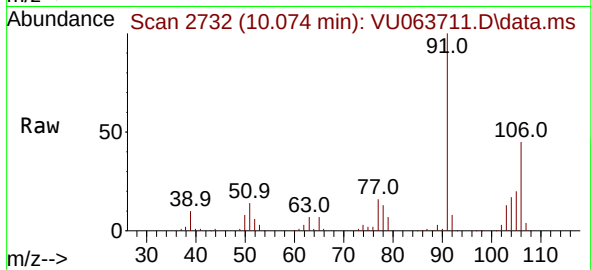




#69
o-Xylene
Concen: 18.084 ug/l
RT: 10.074 min Scan# 2732
Delta R.T. 0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

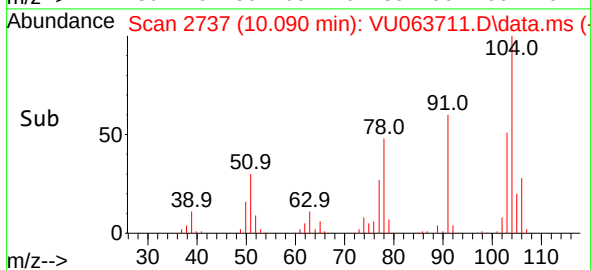
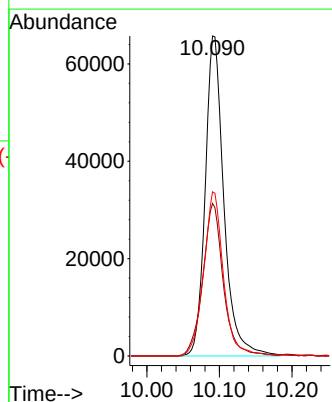
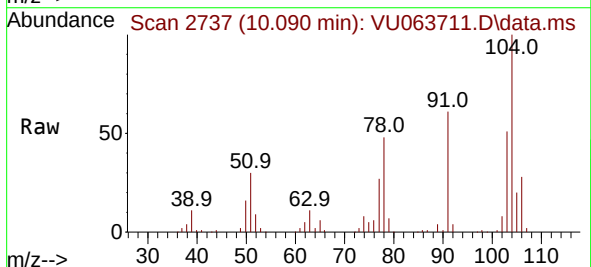
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

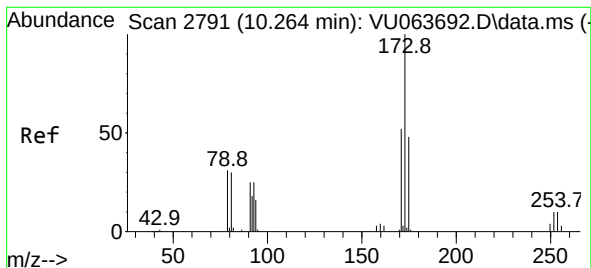
Tgt Ion:106 Resp: 69745
Ion Ratio Lower Upper
106 100
91 227.3 108.7 325.9



#70
Styrene
Concen: 19.018 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion:104 Resp: 117814
Ion Ratio Lower Upper
104 100
78 52.3 42.7 64.1
103 54.2 44.0 66.0





#71

Bromoform

Concen: 16.931 ug/l

RT: 10.267 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

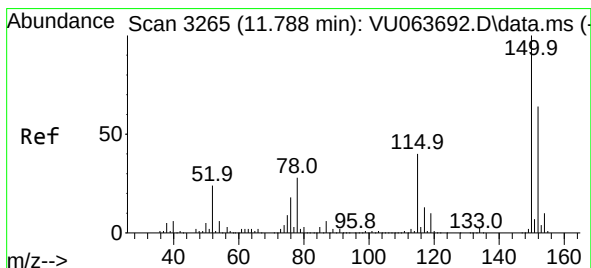
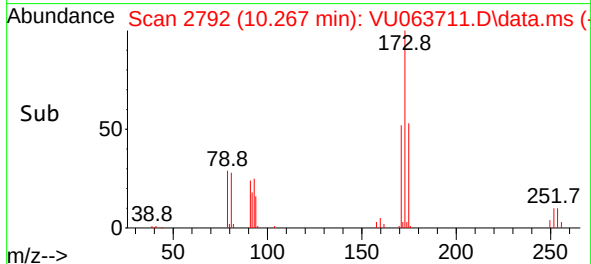
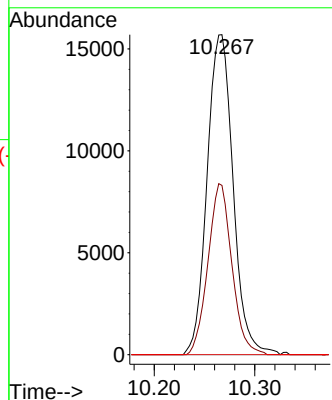
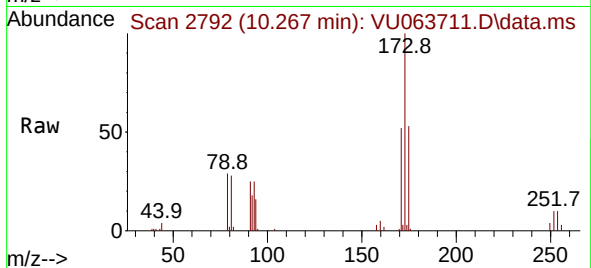
Tgt Ion:173 Resp: 28190

Ion Ratio Lower Upper

173 100

175 49.3 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: VU063711.D

Acq: 12 Nov 2025 11:03

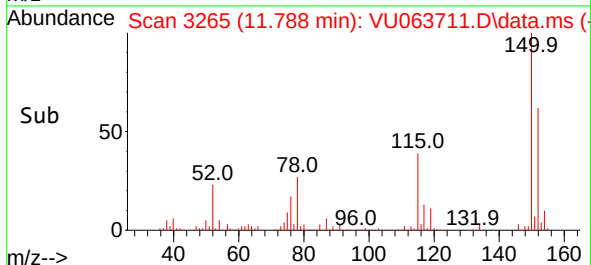
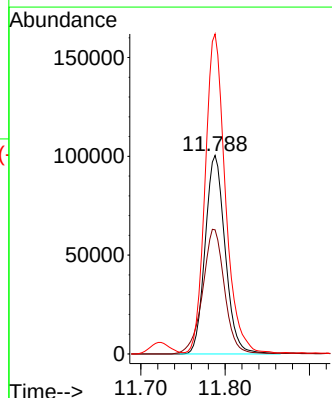
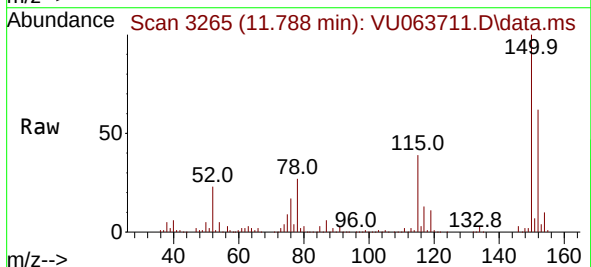
Tgt Ion:152 Resp: 166392

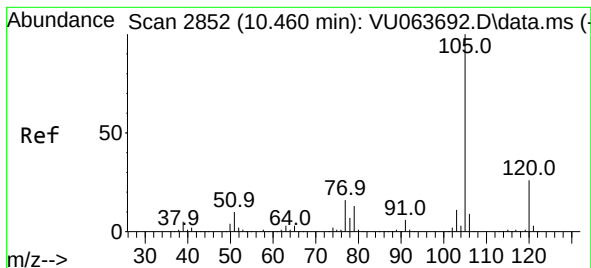
Ion Ratio Lower Upper

152 100

115 68.4 41.0 123.0

150 162.4 0.0 342.2





#73

Isopropylbenzene

Concen: 18.603 ug/l

RT: 10.460 min Scan# 2852

Delta R.T. -0.000 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

Instrument :

MSVOA_U

ClientSampleId :

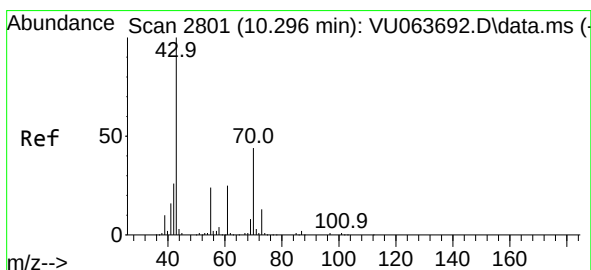
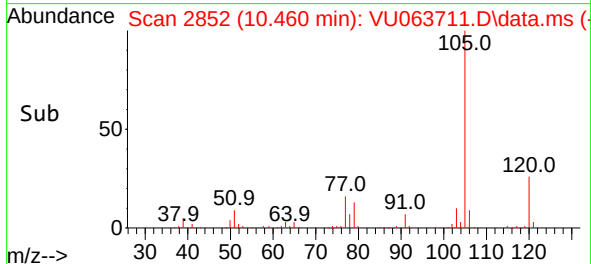
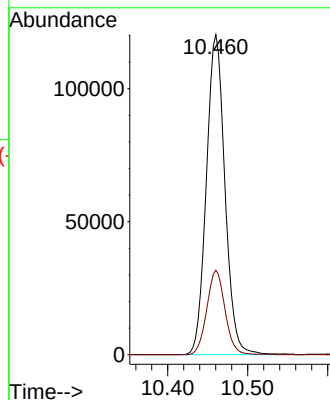
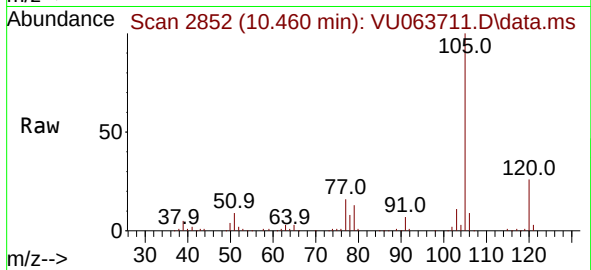
VU1112WBS01

Tgt Ion:105 Resp: 194474

Ion Ratio Lower Upper

105 100

120 25.9 13.0 38.9



#74

N-ethyl acetate

Concen: 15.557 ug/l

RT: 10.303 min Scan# 2803

Delta R.T. 0.006 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

Tgt Ion: 43 Resp: 56661

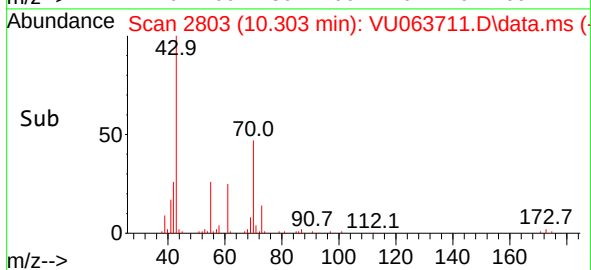
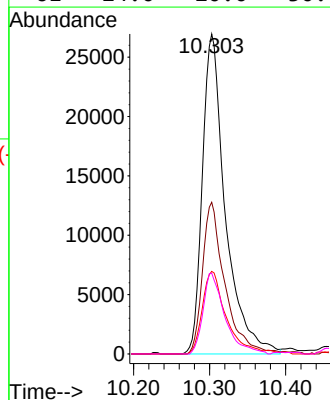
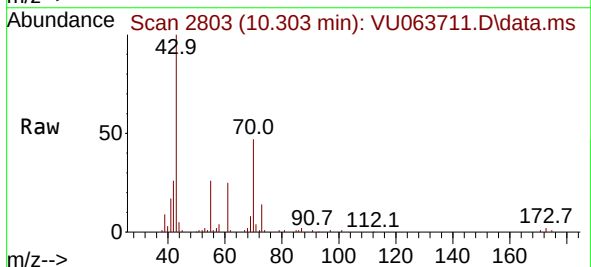
Ion Ratio Lower Upper

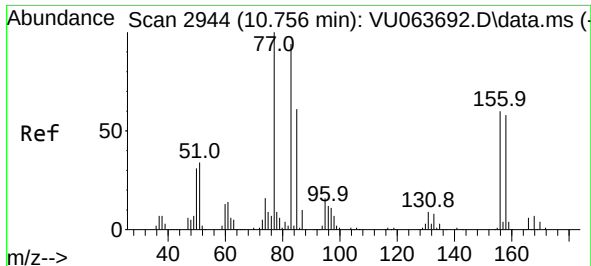
43 100

70 46.3 36.5 54.7

55 26.4 20.6 30.8

61 24.0 20.0 30.0

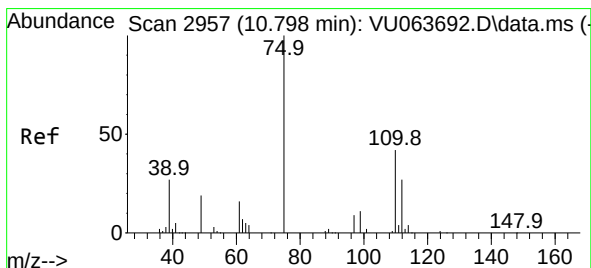
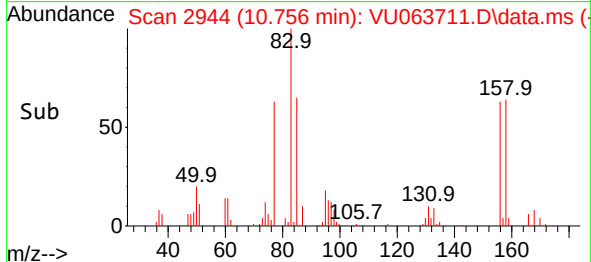
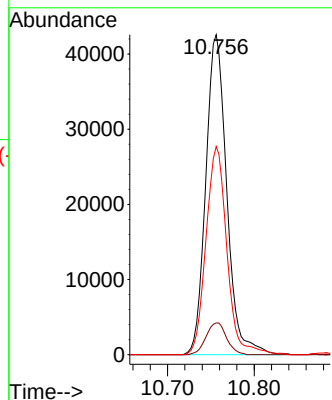
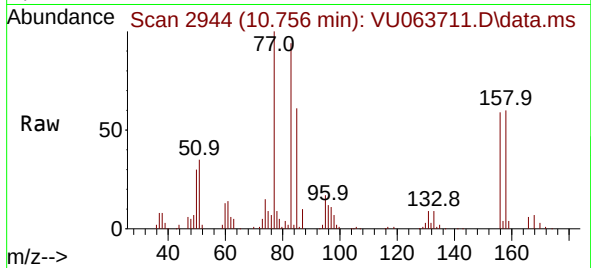




#75
 1,1,2,2-Tetrachloroethane
 Concen: 17.847 ug/l
 RT: 10.756 min Scan# 2944
 Delta R.T. 0.000 min
 Lab File: VU063711.D
 Acq: 12 Nov 2025 11:03

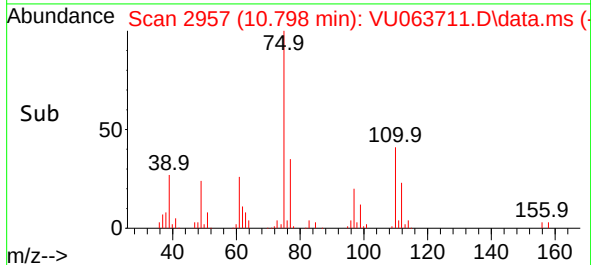
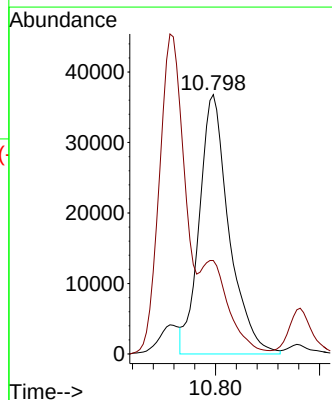
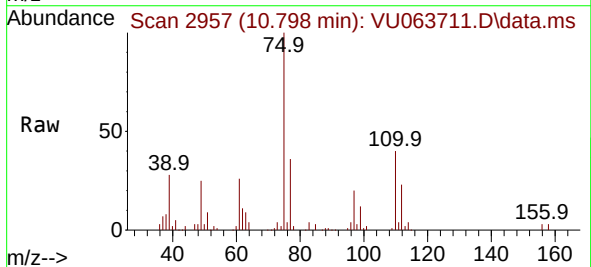
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBS01

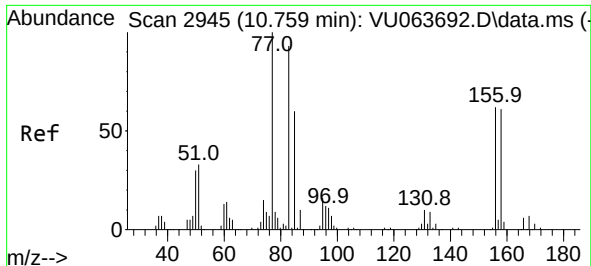
Tgt Ion: 83 Resp: 71646
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.8 14.4
 85 64.9 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 17.393 ug/l
 RT: 10.798 min Scan# 2957
 Delta R.T. 0.000 min
 Lab File: VU063711.D
 Acq: 12 Nov 2025 11:03

Tgt Ion: 75 Resp: 72930
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

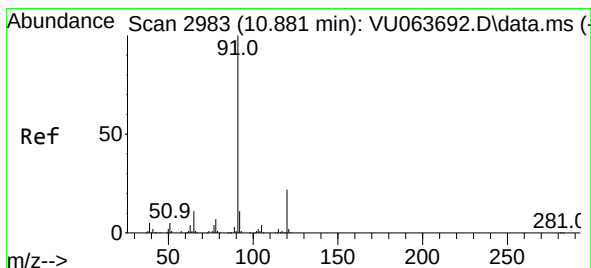
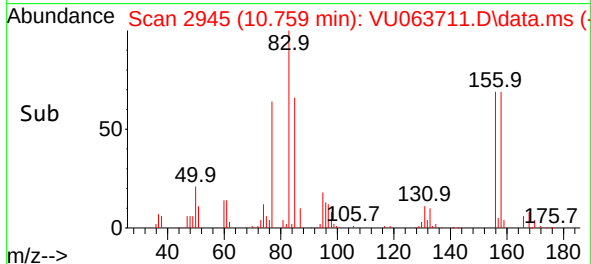
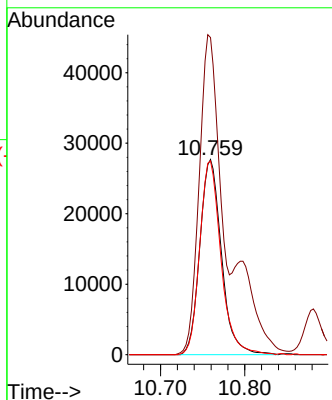
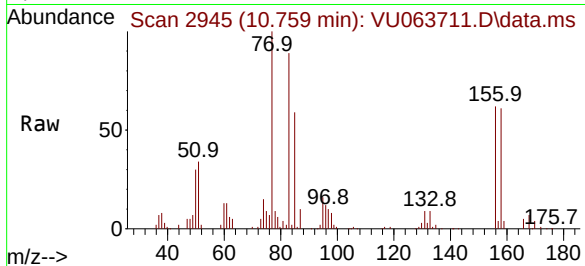




#77
Bromobenzene
Concen: 18.815 ug/l
RT: 10.759 min Scan# 2945
Delta R.T. 0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

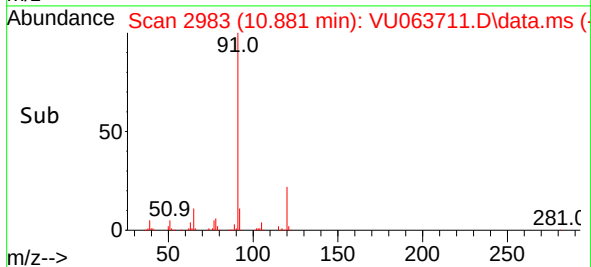
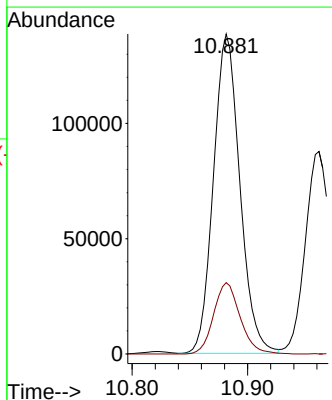
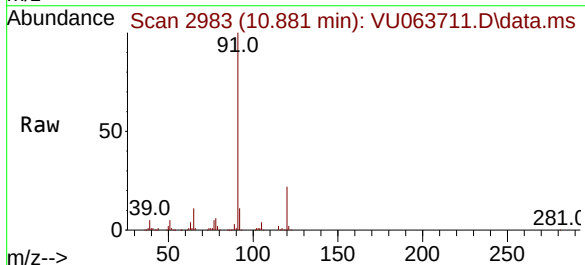
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

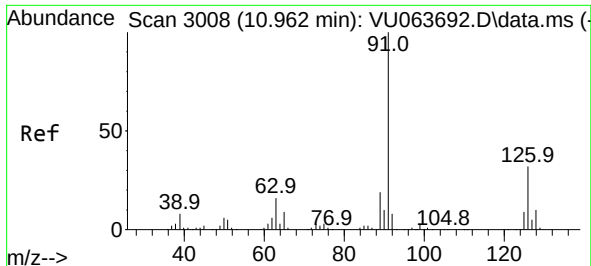
Tgt Ion:156 Resp: 49486
Ion Ratio Lower Upper
156 100
77 156.1 81.4 244.2
158 97.9 48.8 146.3



#78
n-propylbenzene
Concen: 18.351 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 91 Resp: 220069
Ion Ratio Lower Upper
91 100
120 22.4 11.2 33.6

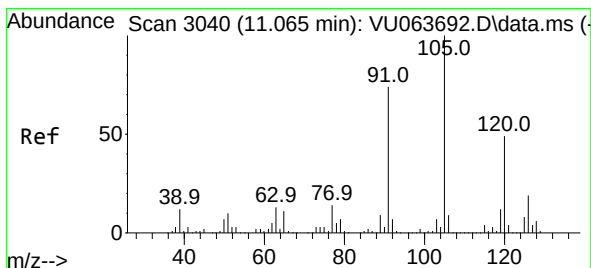
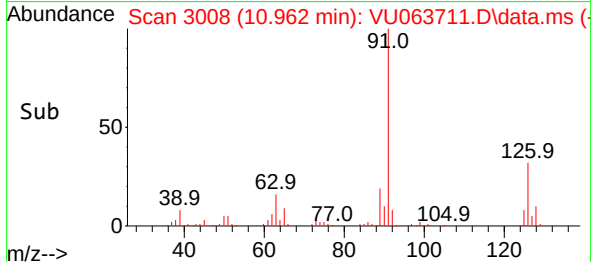
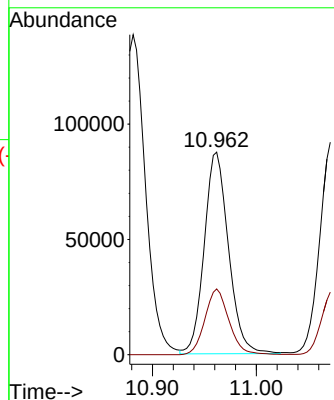
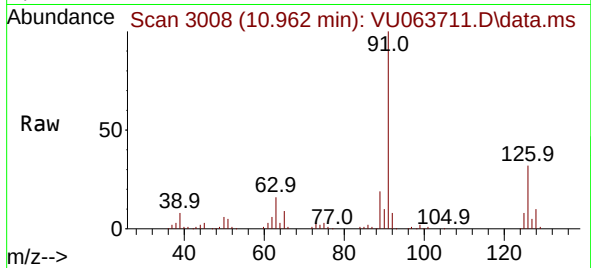




#79
2-Chlorotoluene
Concen: 18.311 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

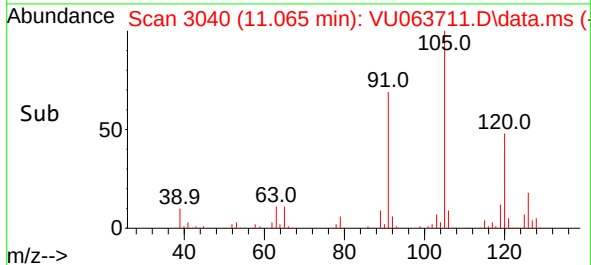
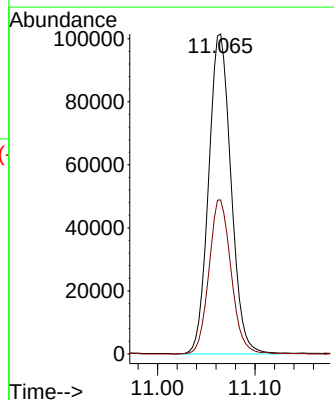
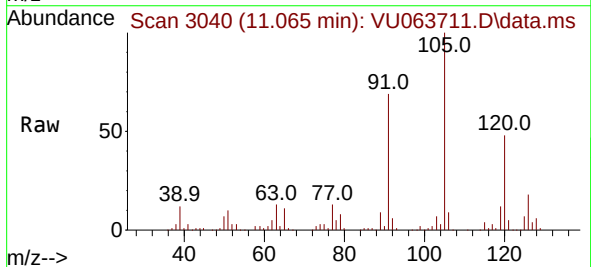
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

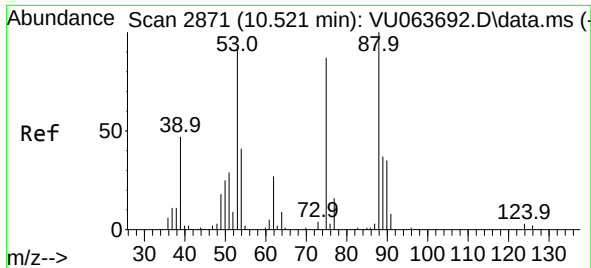
Tgt Ion: 91 Resp: 141940
Ion Ratio Lower Upper
91 100
126 32.3 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 18.522 ug/l
RT: 11.065 min Scan# 3040
Delta R.T. 0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 105 Resp: 162353
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.2

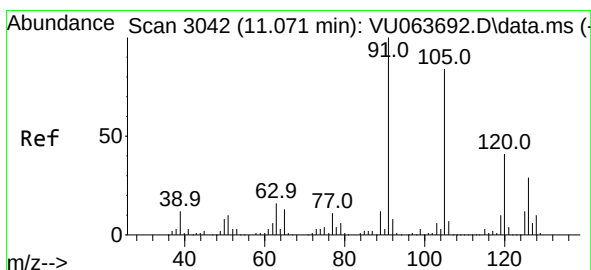
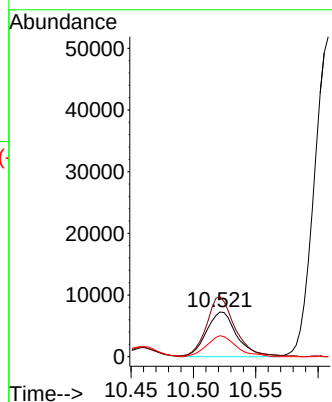
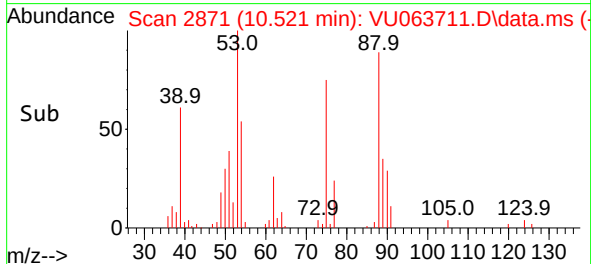
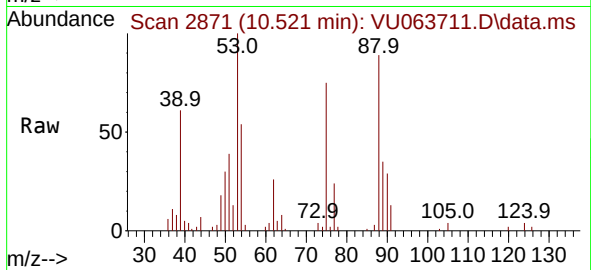




#81
trans-1,4-Dichloro-2-butene
Concen: 15.711 ug/l
RT: 10.521 min Scan# 2871
Delta R.T. 0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

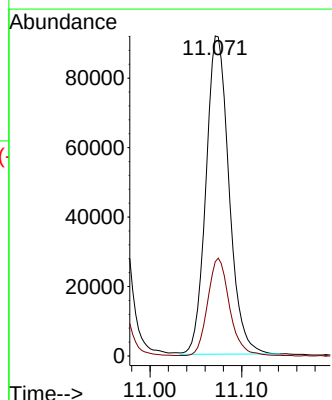
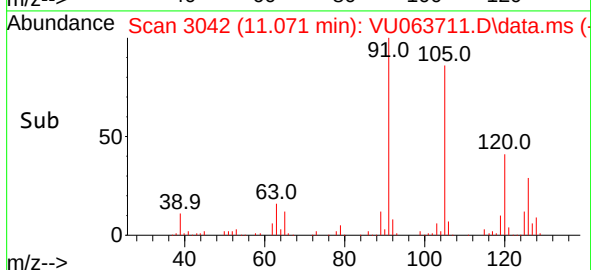
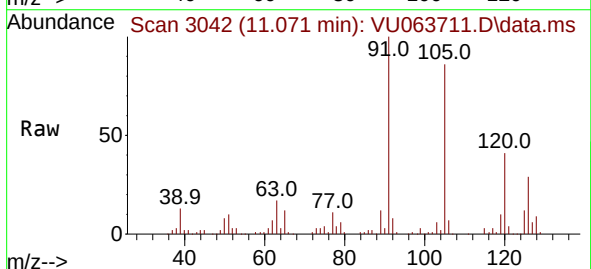
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

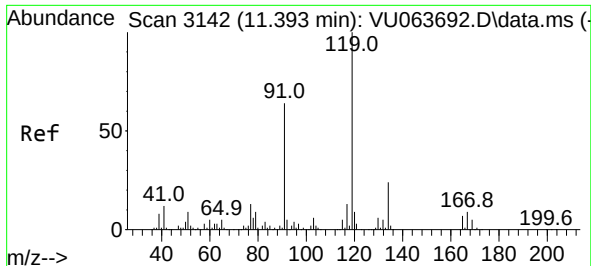
Tgt Ion:	75	Resp:	12366
Ion	Ratio	Lower	Upper
75	100		
53	125.6	86.5	129.7
89	45.1	35.2	52.8



#82
4-Chlorotoluene
Concen: 18.158 ug/l
RT: 11.071 min Scan# 3042
Delta R.T. 0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion:	91	Resp:	159940
Ion	Ratio	Lower	Upper
91	100		
126	29.5	14.2	42.8

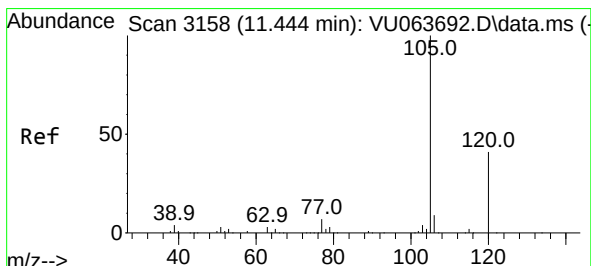
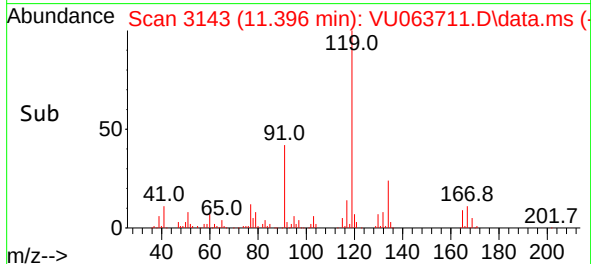
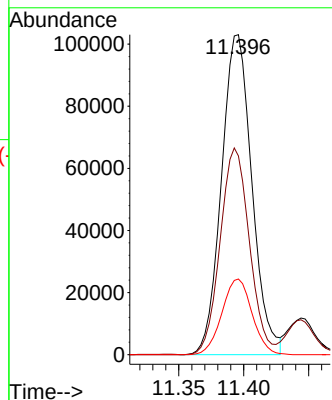
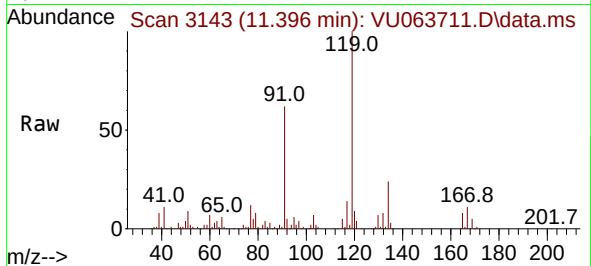




#83
tert-Butylbenzene
Concen: 18.391 ug/l
RT: 11.396 min Scan# 3142
Delta R.T. 0.003 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

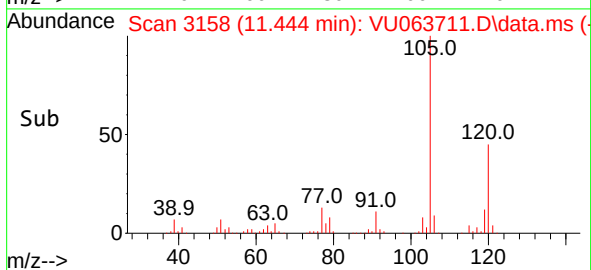
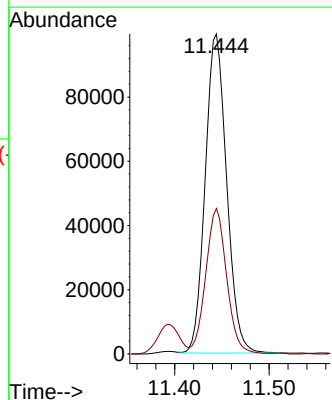
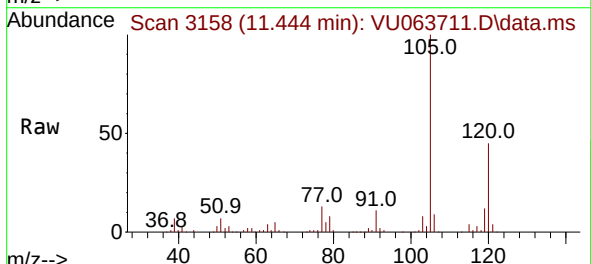
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

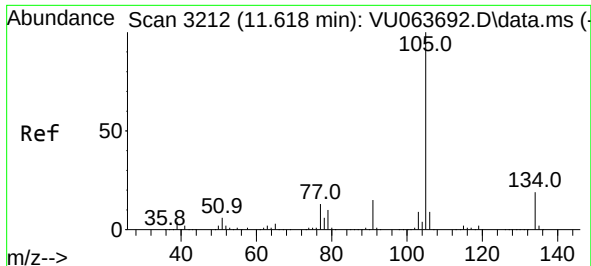
Tgt Ion:119 Resp: 167920
Ion Ratio Lower Upper
119 100
91 62.2 30.8 92.3
134 23.5 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 18.192 ug/l
RT: 11.444 min Scan# 3158
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion:105 Resp: 156487
Ion Ratio Lower Upper
105 100
120 44.2 22.4 67.3

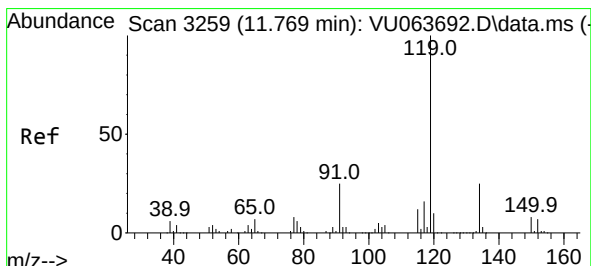
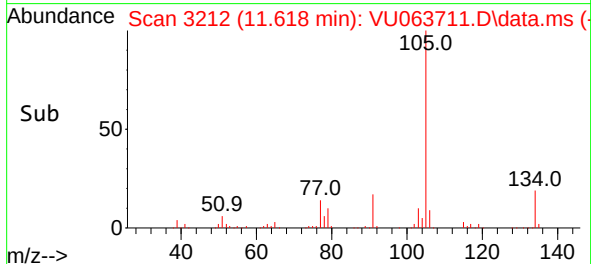
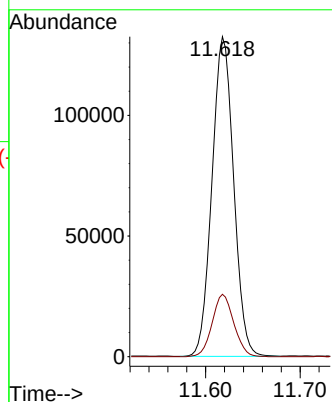
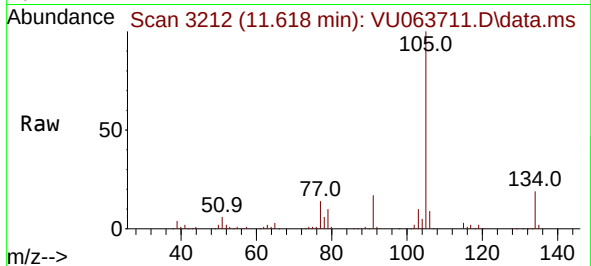




#85
 sec-Butylbenzene
 Concen: 18.275 ug/l
 RT: 11.618 min Scan# 3212
 Delta R.T. 0.000 min
 Lab File: VU063711.D
 Acq: 12 Nov 2025 11:03

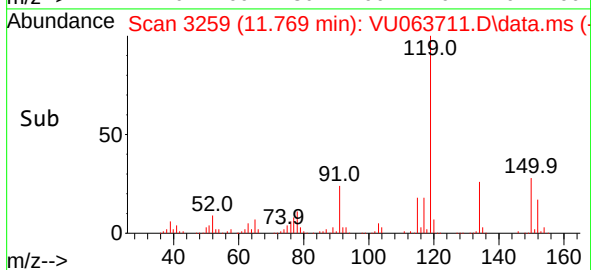
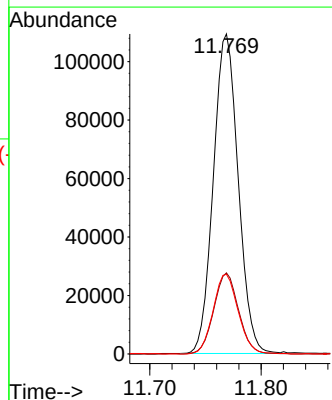
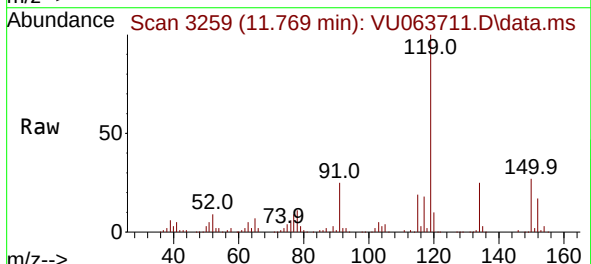
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBS01

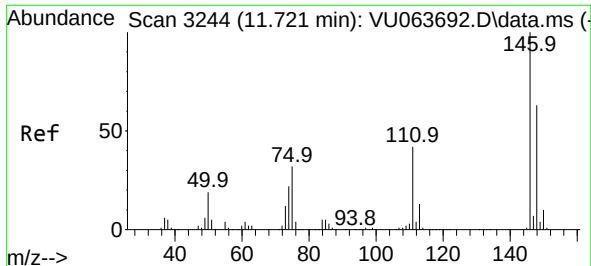
Tgt Ion:105 Resp: 210778
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 18.273 ug/l
 RT: 11.769 min Scan# 3259
 Delta R.T. 0.000 min
 Lab File: VU063711.D
 Acq: 12 Nov 2025 11:03

Tgt Ion:119 Resp: 169188
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.6 37.6
 91 25.2 12.6 37.8





#87

1,3-Dichlorobenzene

Concen: 18.674 ug/l

RT: 11.721 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

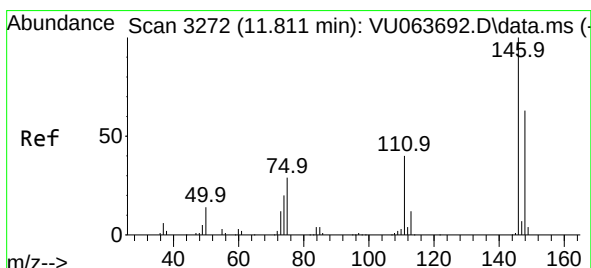
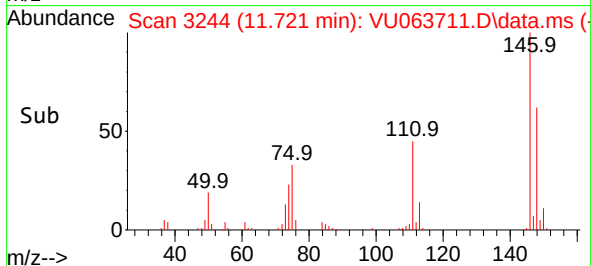
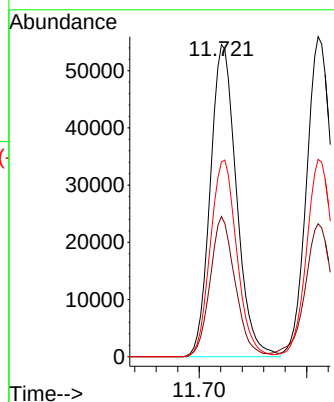
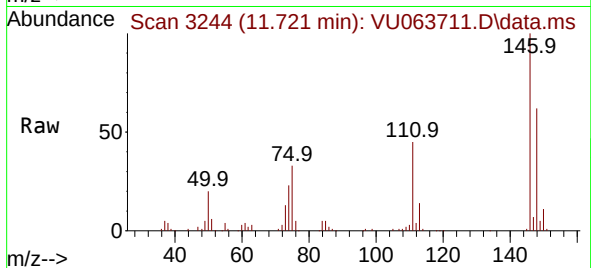
Tgt Ion:146 Resp: 92278

Ion Ratio Lower Upper

146 100

111 42.8 20.6 61.8

148 63.7 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 18.616 ug/l

RT: 11.811 min Scan# 3272

Delta R.T. 0.000 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

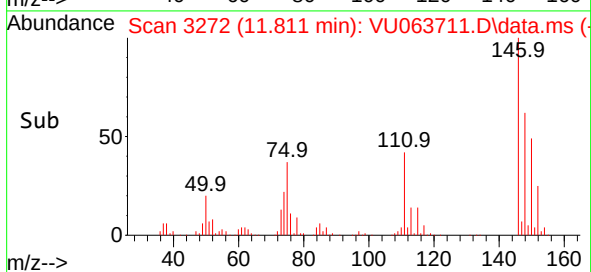
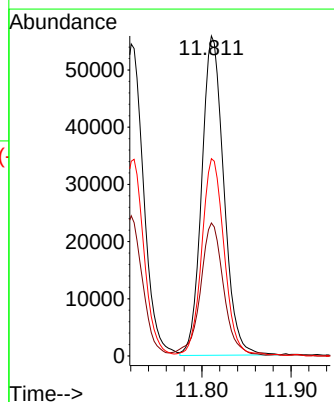
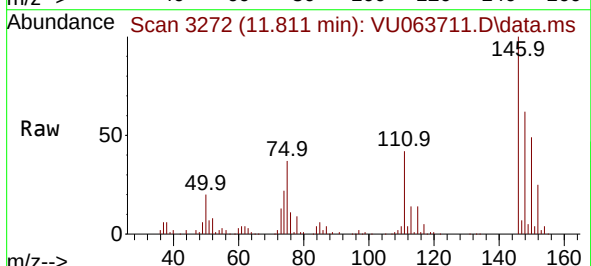
Tgt Ion:146 Resp: 96241

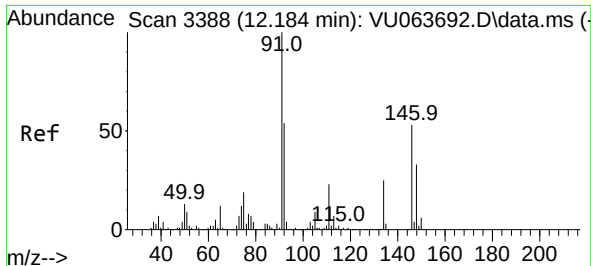
Ion Ratio Lower Upper

146 100

111 43.2 20.4 61.3

148 62.1 31.4 94.3

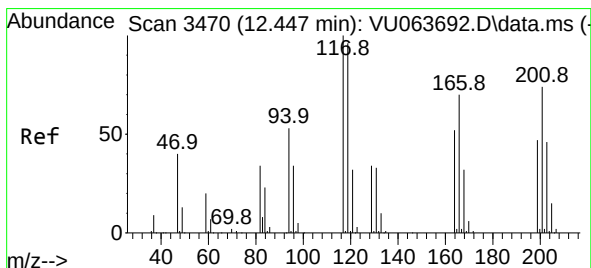
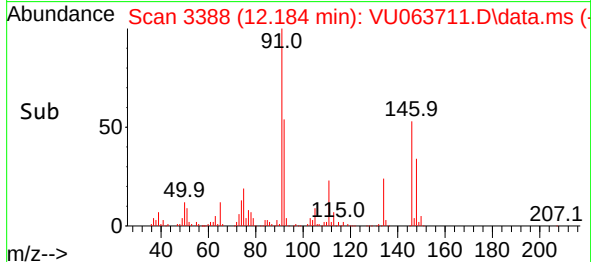
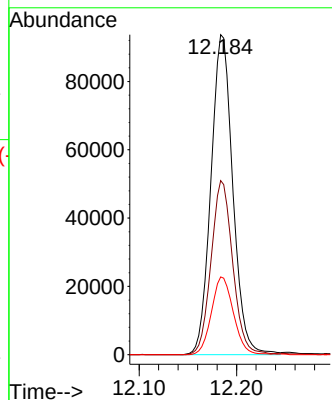
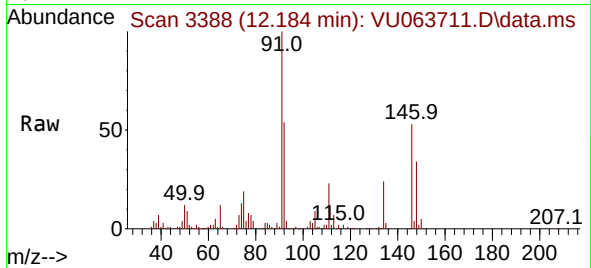




#89
n-Butylbenzene
Concen: 17.202 ug/l
RT: 12.184 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

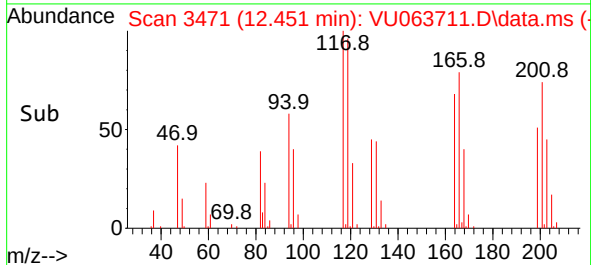
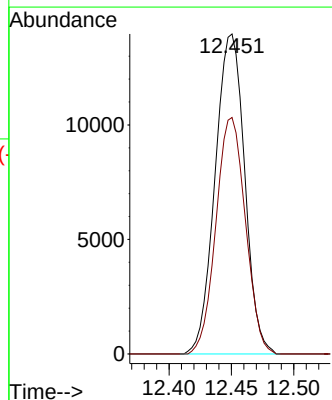
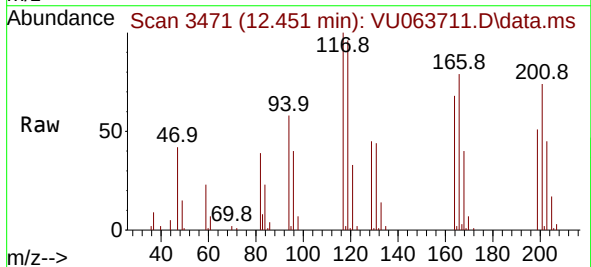
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

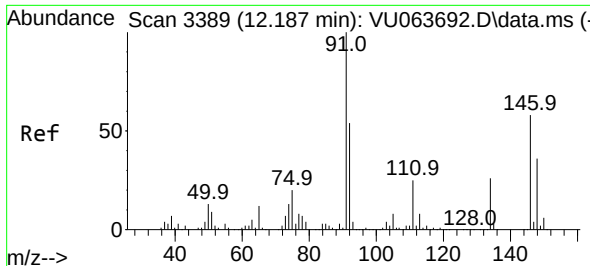
Tgt Ion: 91 Resp: 146275
Ion Ratio Lower Upper
91 100
92 53.7 27.0 81.0
134 24.3 12.4 37.4



#90
Hexachloroethane
Concen: 16.342 ug/l
RT: 12.451 min Scan# 3471
Delta R.T. 0.003 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion: 117 Resp: 23083
Ion Ratio Lower Upper
117 100
201 73.6 36.6 109.8

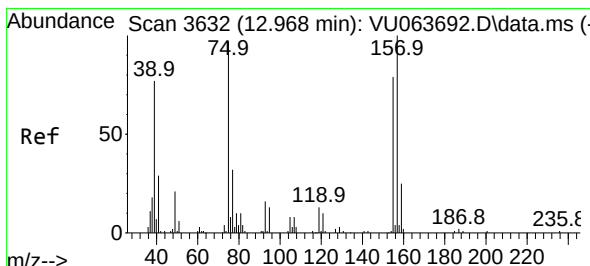
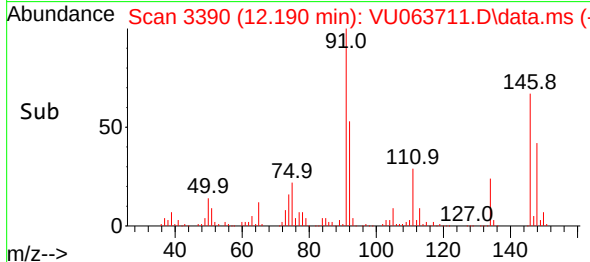
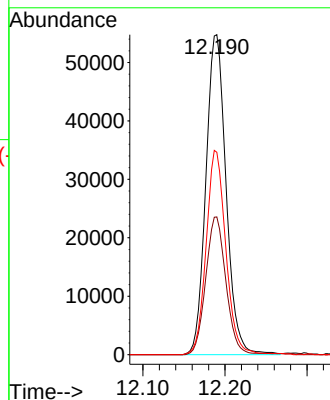
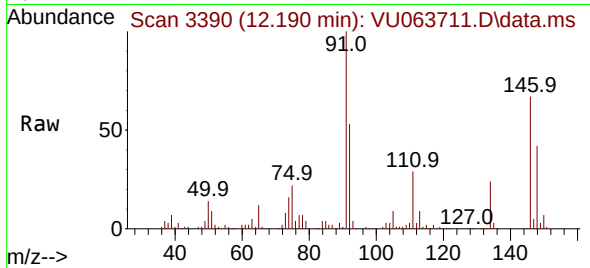




#91
 1,2-Dichlorobenzene
 Concen: 18.983 ug/l
 RT: 12.190 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU063711.D
 Acq: 12 Nov 2025 11:03

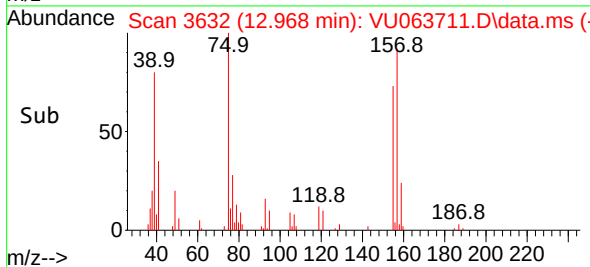
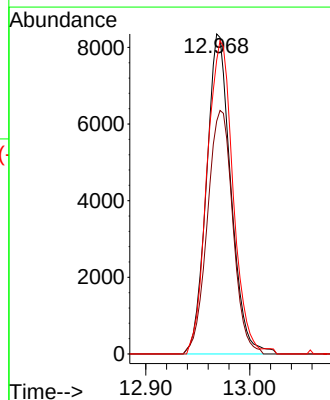
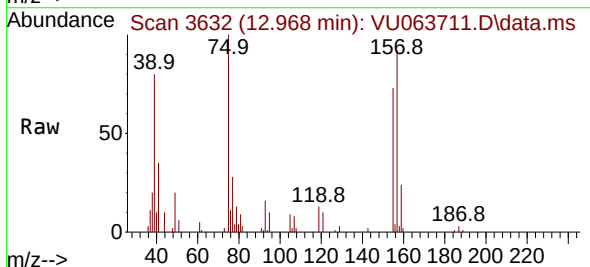
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBS01

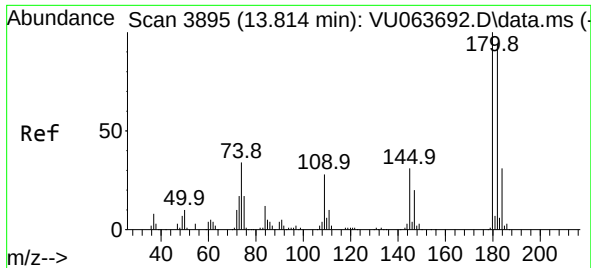
Tgt Ion:146 Resp: 93656
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.8 65.3
 148 61.9 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.574 ug/l
 RT: 12.968 min Scan# 3632
 Delta R.T. -0.000 min
 Lab File: VU063711.D
 Acq: 12 Nov 2025 11:03

Tgt Ion: 75 Resp: 13633
 Ion Ratio Lower Upper
 75 100
 155 79.3 40.5 121.4
 157 104.1 50.4 151.3

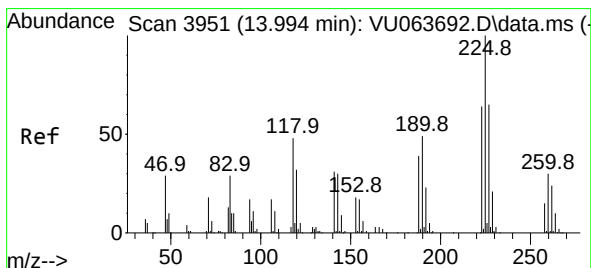
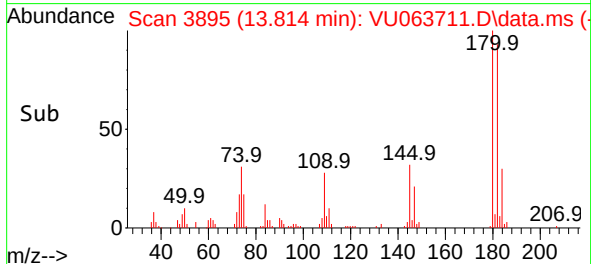
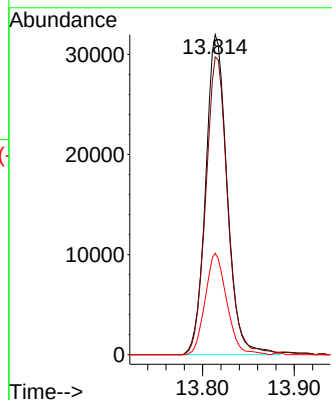
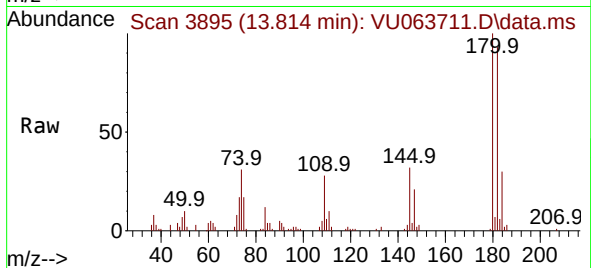




#93
1,2,4-Trichlorobenzene
Concen: 16.621 ug/l
RT: 13.814 min Scan# 3895
Delta R.T. 0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

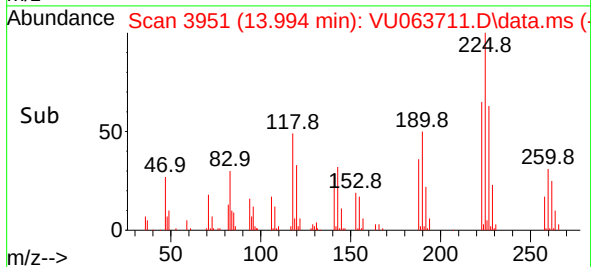
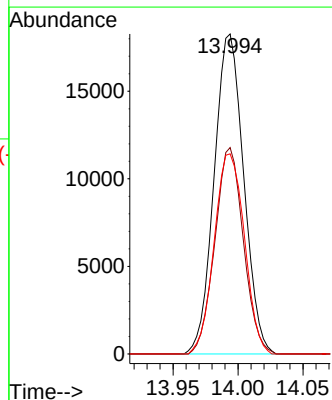
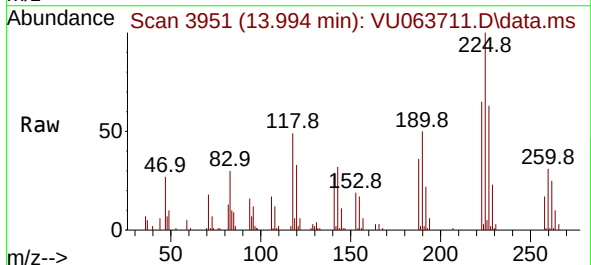
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBS01

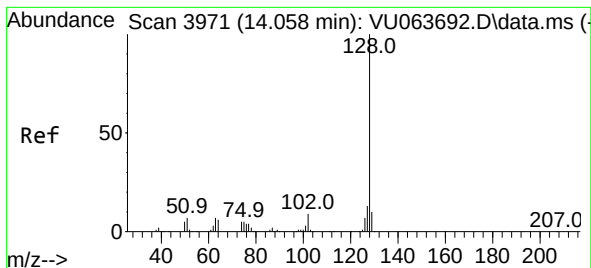
Tgt Ion:180 Resp: 52279
Ion Ratio Lower Upper
180 100
182 94.9 47.6 142.9
145 31.7 15.9 47.6



#94
Hexachlorobutadiene
Concen: 18.231 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063711.D
Acq: 12 Nov 2025 11:03

Tgt Ion:225 Resp: 28893
Ion Ratio Lower Upper
225 100
223 62.3 31.6 94.8
227 63.9 32.4 97.0





#95

Naphthalene

Concen: 15.629 ug/l

RT: 14.061 min Scan# 3971

Delta R.T. 0.003 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBS01

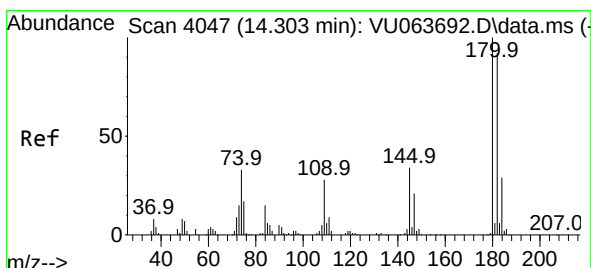
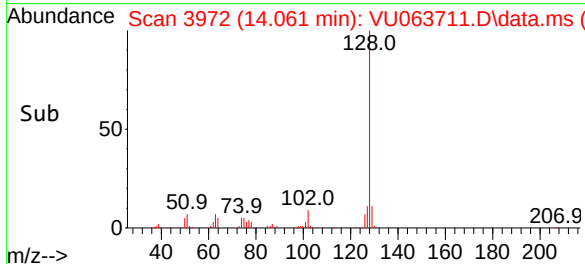
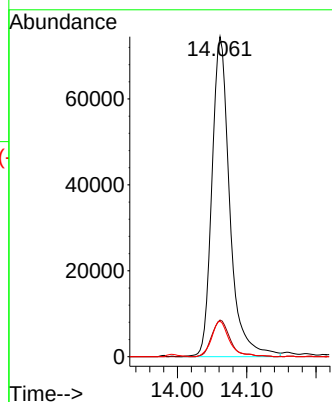
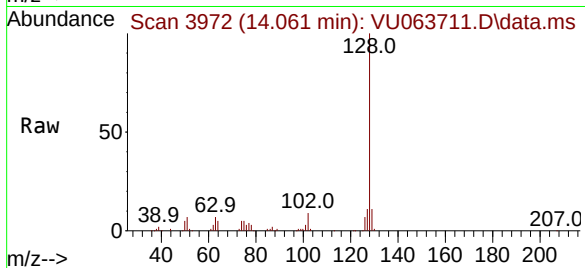
Tgt Ion:128 Resp: 133173

Ion Ratio Lower Upper

128 100

127 11.9 9.9 14.9

129 11.1 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 17.153 ug/l

RT: 14.303 min Scan# 4047

Delta R.T. -0.000 min

Lab File: VU063711.D

Acq: 12 Nov 2025 11:03

Tgt Ion:180 Resp: 50159

Ion Ratio Lower Upper

180 100

182 92.3 47.3 142.0

145 31.5 16.6 49.7

