

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111225\
 Data File : VU063712.D
 Acq On : 12 Nov 2025 11:27
 Operator : MD/SY
 Sample : VU1112WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBSD01

Quant Time: Nov 14 04:42:30 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	190538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.219	114	319494	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.393	117	303634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.785	152	161538	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.669	65	132917	47.223	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.440%
35) Dibromofluoromethane	5.258	113	106408	47.552	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.100%
50) Toluene-d8	7.872	98	368300	45.813	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.620%#
62) 4-Bromofluorobenzene	10.608	95	157452	47.347	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.700%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.374	85	19014	16.524	ug/l	95
3) Chloromethane	1.509	50	20658	18.002	ug/l	99
4) Vinyl Chloride	1.589	62	25129	17.755	ug/l	98
5) Bromomethane	1.837	94	20149	21.028	ug/l	96
6) Chloroethane	1.914	64	20422	19.080	ug/l	95
7) Trichlorofluoromethane	2.116	101	50951	18.815	ug/l	99
8) Diethyl Ether	2.354	74	21756	18.897	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.557	101	31797	18.480	ug/l	99
10) Methyl Iodide	2.695	142	34203	19.855	ug/l	99
11) Tert butyl alcohol	3.152	59	55650	84.741	ug/l	98
12) 1,1-Dichloroethene	2.554	96	27645	18.659	ug/l	98
13) Acrolein	2.467	56	4674	98.402	ug/l	94
14) Allyl chloride	2.895	41	49685	17.981	ug/l	98
15) Acrylonitrile	3.284	53	130341	96.913	ug/l	99
16) Acetone	2.602	43	152406	95.719	ug/l	100
17) Carbon Disulfide	2.766	76	33833	17.850	ug/l	98
18) Methyl Acetate	2.927	43	96372	20.454	ug/l	98
19) Methyl tert-butyl Ether	3.335	73	127476	19.069	ug/l	98
20) Methylene Chloride	3.017	84	39069	21.202	ug/l	96
21) trans-1,2-Dichloroethene	3.325	96	28010	18.415	ug/l	96
22) Diisopropyl ether	3.959	45	115333	18.951	ug/l #	84
23) Vinyl Acetate	3.927	43	358612	86.405	ug/l	99
24) 1,1-Dichloroethane	3.837	63	68157	19.418	ug/l	99
25) 2-Butanone	4.669	43	175647	90.633	ug/l	99
26) 2,2-Dichloropropane	4.628	77	53434	17.725	ug/l	100
27) cis-1,2-Dichloroethene	4.637	96	42188	18.984	ug/l	100
28) Bromochloromethane	4.939	49	32271	22.975	ug/l	96
29) Tetrahydrofuran	5.020	42	107882	95.666	ug/l	99
30) Chloroform	5.055	83	76808	19.974	ug/l	97
31) Cyclohexane	5.354	56	45195	19.103	ug/l #	96
32) 1,1,1-Trichloroethane	5.284	97	59765	18.940	ug/l	99
36) 1,1-Dichloropropene	5.496	75	40638	17.843	ug/l	99
37) Ethyl Acetate	4.779	43	49886	15.468	ug/l	97
38) Carbon Tetrachloride	5.493	117	42648	17.325	ug/l	99
39) Methylcyclohexane	6.734	83	45786	17.706	ug/l	92
40) Benzene	5.743	78	136330	18.549	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	31287	18.667	ug/l	97
42) 1,2-Dichloroethane	5.763	62	58737	20.263	ug/l	97
43) Isopropyl Acetate	5.885	43	86053	18.205	ug/l	98
44) Trichloroethene	6.515	130	36850	17.871	ug/l	98
45) 1,2-Dichloropropane	6.763	63	38567	19.303	ug/l	99
46) Dibromomethane	6.891	93	30413	20.272	ug/l	99
47) Bromodichloromethane	7.074	83	56969	18.730	ug/l	94
48) Methyl methacrylate	6.936	41	41088	17.708	ug/l	95
49) 1,4-Dioxane	6.939	88	23711	385.722	ug/l	97
51) 4-Methyl-2-Pentanone	7.763	43	339801	93.940	ug/l	99
52) Toluene	7.943	92	91269	19.135	ug/l	100
53) t-1,3-Dichloropropene	8.187	75	44234	17.271	ug/l	99
54) cis-1,3-Dichloropropene	7.579	75	51649	17.992	ug/l	99
55) 1,1,2-Trichloroethane	8.370	97	42395	19.369	ug/l	98
56) Ethyl methacrylate	8.309	69	60720	18.801	ug/l	98
57) 1,3-Dichloropropane	8.547	76	68278	19.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.447	63	2591	66.717	ug/l	99
59) 2-Hexanone	8.660	43	253195	93.979	ug/l	99
60) Dibromochloromethane	8.782	129	41957	18.301	ug/l	99
61) 1,2-Dibromoethane	8.898	107	41431	19.643	ug/l	97
64) Tetrachloroethene	8.528	164	36712	18.741	ug/l	98
65) Chlorobenzene	9.422	112	112466	18.956	ug/l	96
66) 1,1,1,2-Tetrachloroethane	9.508	131	36053	17.866	ug/l	97
67) Ethyl Benzene	9.544	91	184822	18.703	ug/l	96
68) m/p-Xylenes	9.669	106	137448	37.682	ug/l	99
69) o-Xylene	10.074	106	68111	18.096	ug/l	95
70) Styrene	10.090	104	118302	19.568	ug/l	98
71) Bromoform	10.264	173	27781	17.096	ug/l #	97
73) Isopropylbenzene	10.457	105	190146	18.736	ug/l	99
74) N-amyl acetate	10.303	43	61822	17.484	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.756	83	73037	18.740	ug/l	100
76) 1,2,3-Trichloropropane	10.795	75	73859	18.144	ug/l #	100
77) Bromobenzene	10.756	156	49332	19.320	ug/l	97
78) n-propylbenzene	10.881	91	221108	18.992	ug/l	100
79) 2-Chlorotoluene	10.962	91	140132	18.621	ug/l	100
80) 1,3,5-Trimethylbenzene	11.061	105	160274	18.834	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.518	75	11811	15.457	ug/l #	82
82) 4-Chlorotoluene	11.071	91	159750	18.681	ug/l	99
83) tert-Butylbenzene	11.393	119	165930	18.719	ug/l	99
84) 1,2,4-Trimethylbenzene	11.444	105	156147	18.698	ug/l	98
85) sec-Butylbenzene	11.618	105	207947	18.571	ug/l	99
86) p-Isopropyltoluene	11.769	119	170502	18.968	ug/l	100
87) 1,3-Dichlorobenzene	11.721	146	94731	19.747	ug/l	100
88) 1,4-Dichlorobenzene	11.811	146	98240	19.573	ug/l	99
89) n-Butylbenzene	12.184	91	152149	18.431	ug/l	99
90) Hexachloroethane	12.447	117	22937	16.727	ug/l	98
91) 1,2-Dichlorobenzene	12.187	146	93224	19.463	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.968	75	13999	17.530	ug/l	98
93) 1,2,4-Trichlorobenzene	13.814	180	58224	19.067	ug/l	100
94) Hexachlorobutadiene	13.994	225	28178	18.314	ug/l	99
95) Naphthalene	14.058	128	168284	20.343	ug/l	100
96) 1,2,3-Trichlorobenzene	14.302	180	54789	19.299	ug/l	98

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Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

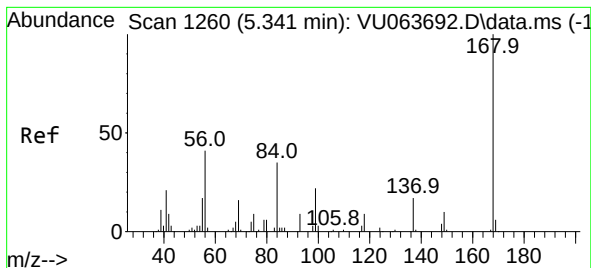
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.341 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU063712.D

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Instrument :

MSVOA_U

ClientSampleId :

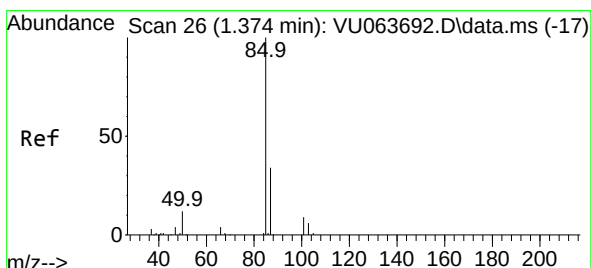
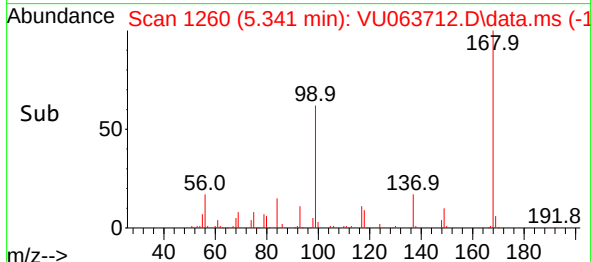
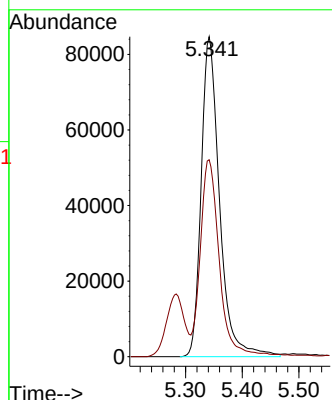
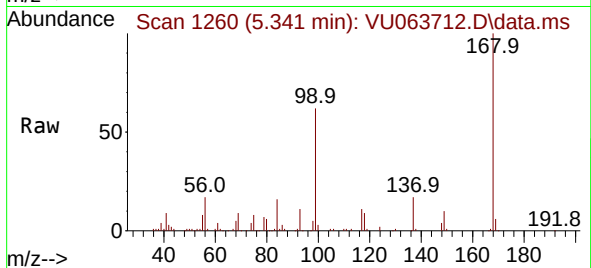
VU1112WBSD01

Tgt Ion:168 Resp: 190538

Ion Ratio Lower Upper

168 100

99 60.9 48.2 72.4



#2

Dichlorodifluoromethane

Concen: 16.524 ug/l

RT: 1.374 min Scan# 26

Delta R.T. -0.000 min

Lab File: VU063712.D

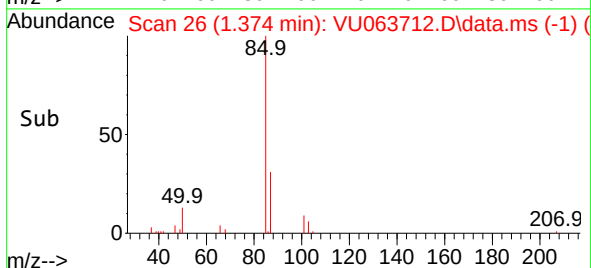
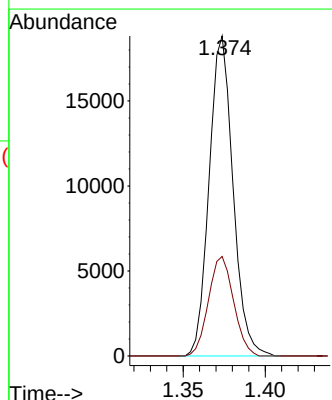
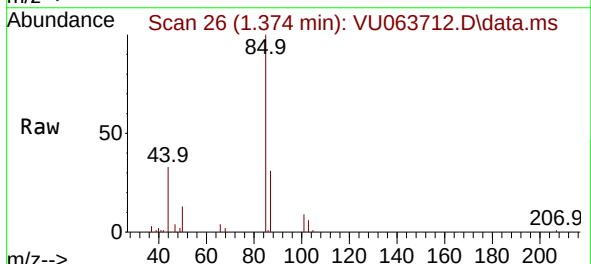
Acq: 12 Nov 2025 11:27

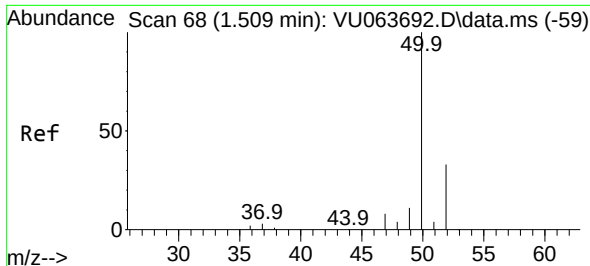
Tgt Ion: 85 Resp: 19014

Ion Ratio Lower Upper

85 100

87 31.1 17.0 51.0

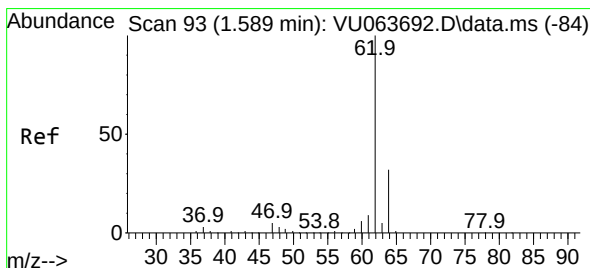
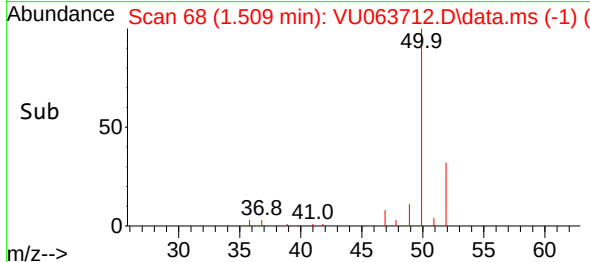
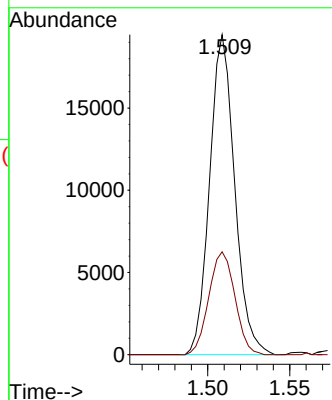
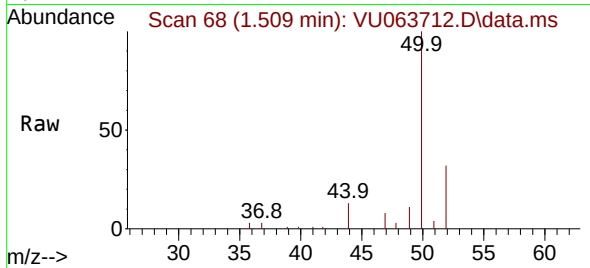




#3
Chloromethane
Concen: 18.002 ug/l
RT: 1.509 min Scan# 68
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

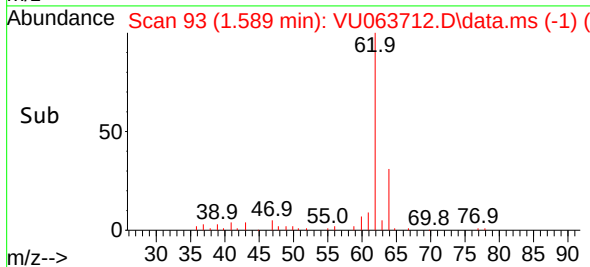
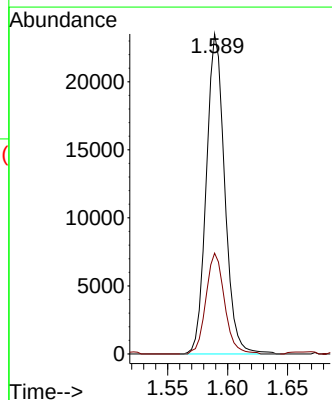
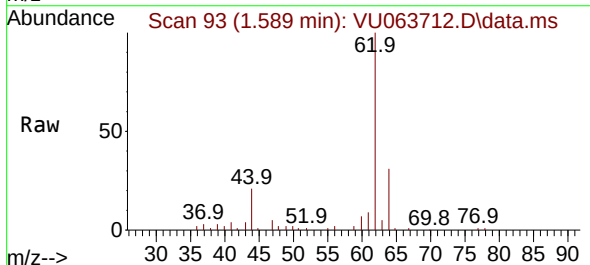
Instrument :
MSVOA_U
ClientSampleId :
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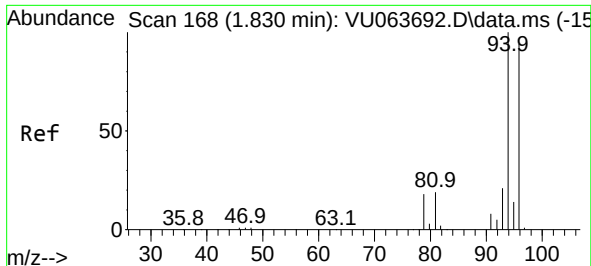
Tgt Ion: 50 Resp: 20658
Ion Ratio Lower Upper
50 100
52 32.1 26.3 39.5



#4
Vinyl Chloride
Concen: 17.755 ug/l
RT: 1.589 min Scan# 93
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 62 Resp: 25129
Ion Ratio Lower Upper
62 100
64 31.5 25.9 38.9

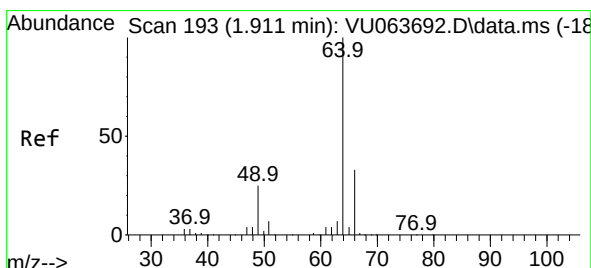
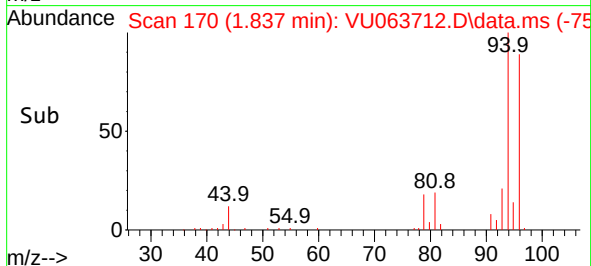
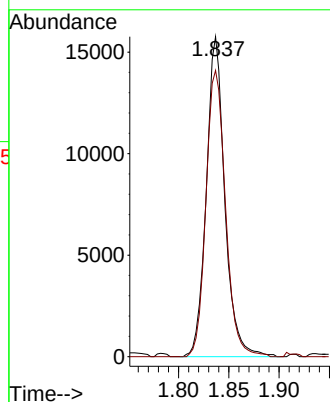
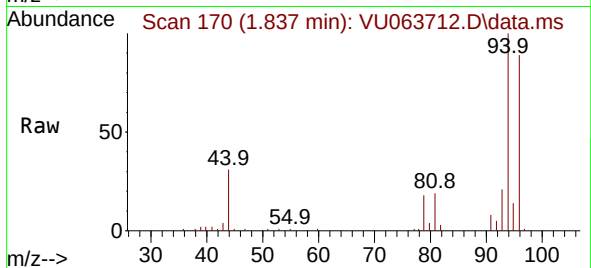




#5
Bromomethane
Concen: 21.028 ug/l
RT: 1.837 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

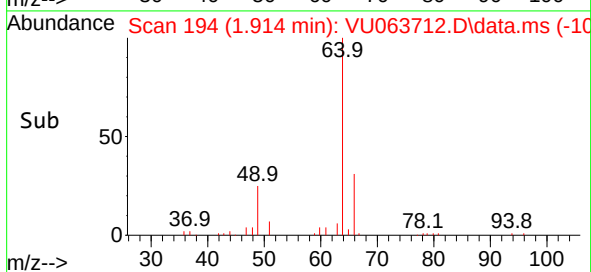
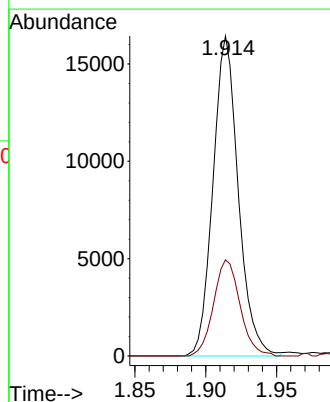
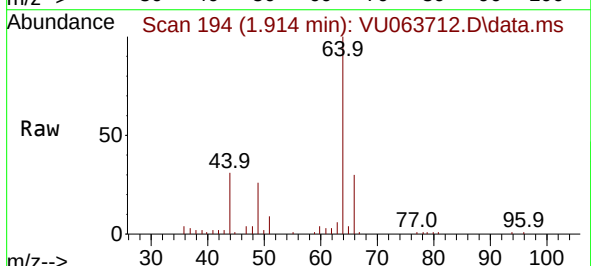
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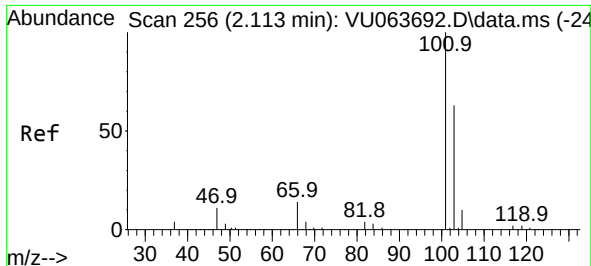
Tgt Ion: 94 Resp: 20149
Ion Ratio Lower Upper
94 100
96 89.5 74.8 112.2



#6
Chloroethane
Concen: 19.080 ug/l
RT: 1.914 min Scan# 194
Delta R.T. 0.003 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 64 Resp: 20422
Ion Ratio Lower Upper
64 100
66 30.1 26.4 39.6

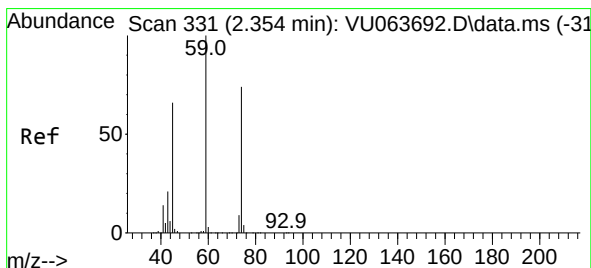
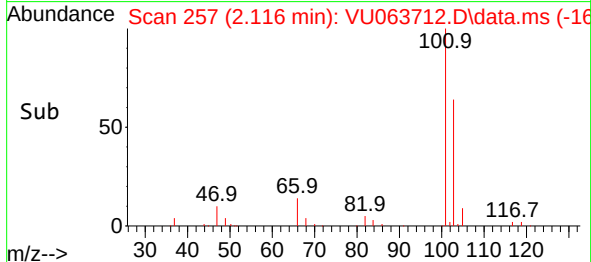
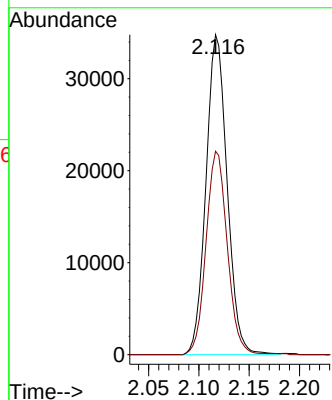
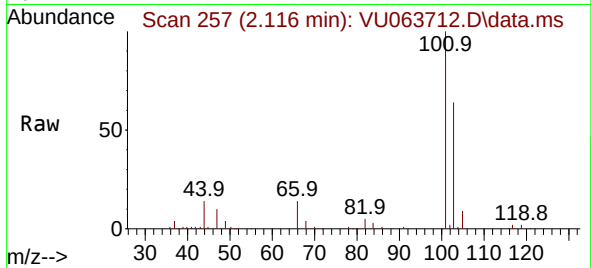




#7
Trichlorofluoromethane
Concen: 18.815 ug/l
RT: 2.116 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

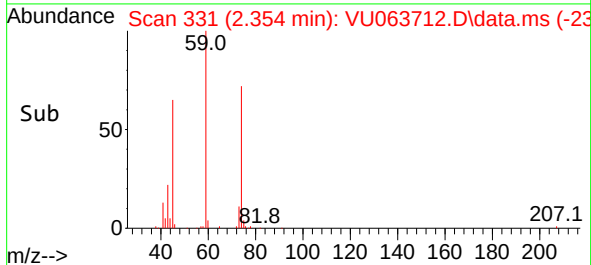
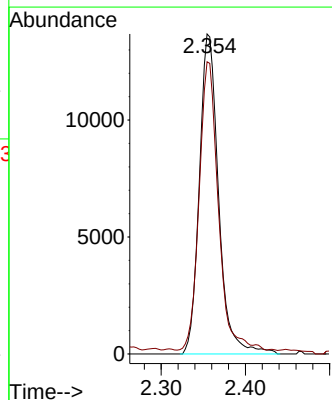
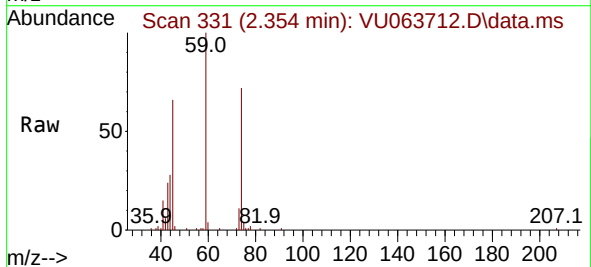
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VU1112WBSD01

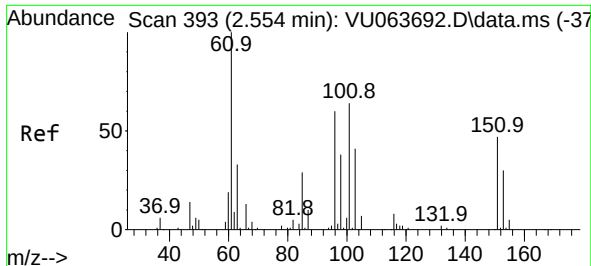
Tgt Ion:101 Resp: 50951
Ion Ratio Lower Upper
101 100
103 63.6 50.3 75.5



#8
Diethyl Ether
Concen: 18.897 ug/l
RT: 2.354 min Scan# 331
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 74 Resp: 21756
Ion Ratio Lower Upper
74 100
45 89.5 44.1 132.4

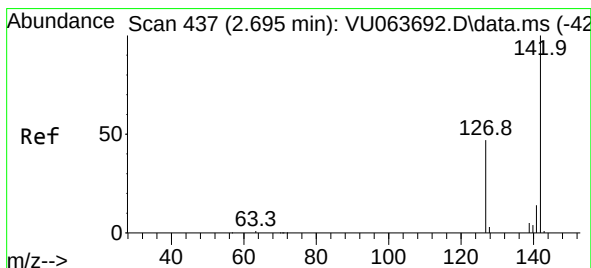
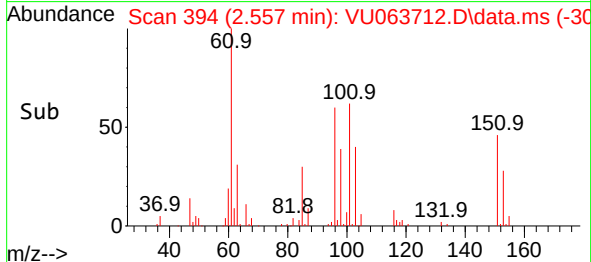
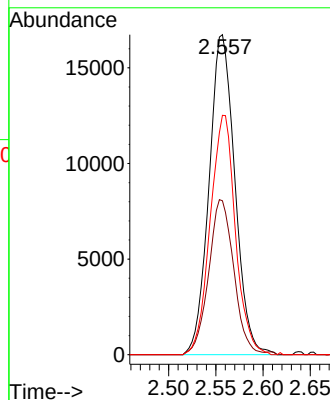
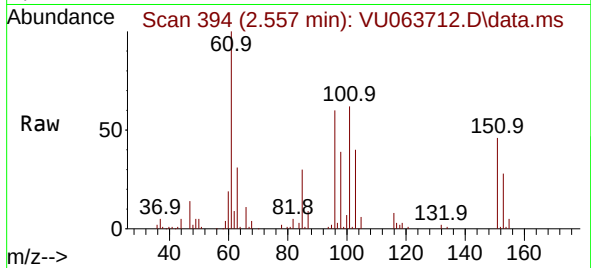




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.480 ug/l
RT: 2.557 min Scan# 394
Delta R.T. 0.003 min
Lab File: VU063712.D
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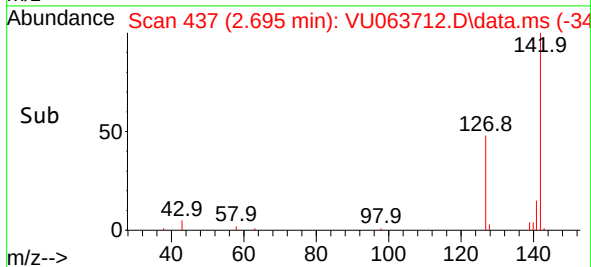
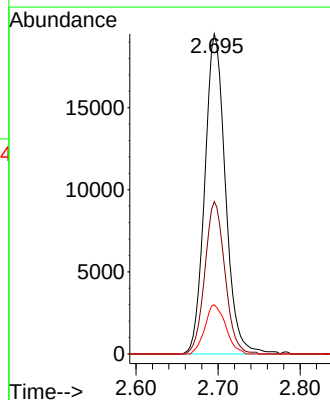
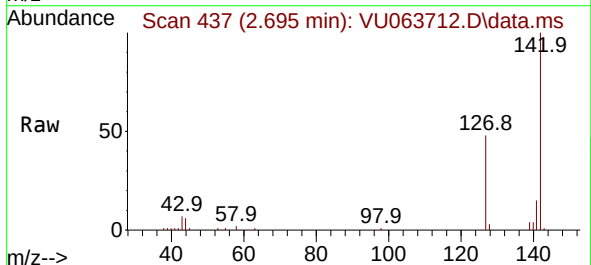
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

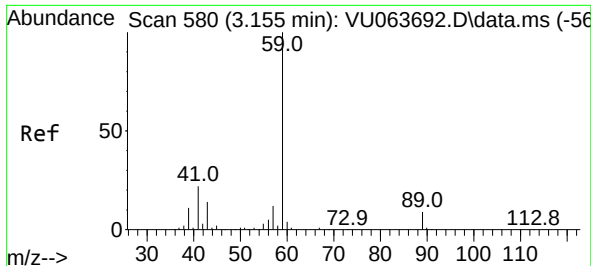
Tgt Ion:101 Resp: 31797
Ion Ratio Lower Upper
101 100
85 47.1 36.2 54.4
151 73.1 58.5 87.7



#10
Methyl Iodide
Concen: 19.855 ug/l
RT: 2.695 min Scan# 437
Delta R.T. 0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion:142 Resp: 34203
Ion Ratio Lower Upper
142 100
127 46.2 37.2 55.8
141 15.5 11.4 17.0

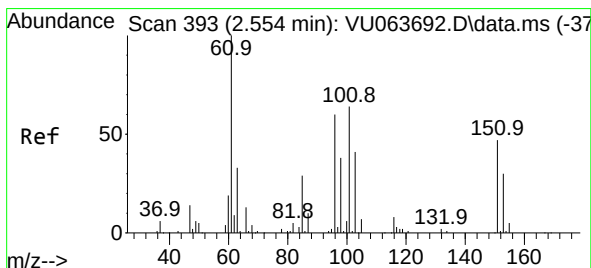
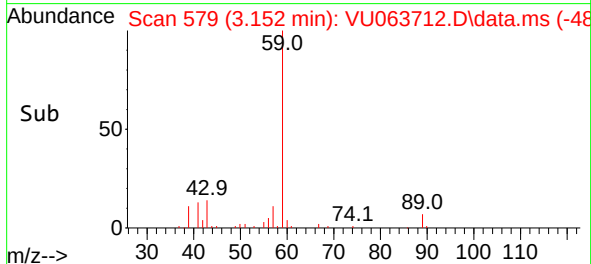
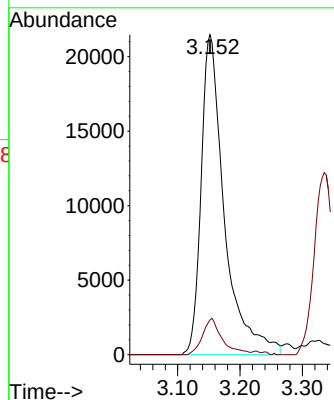
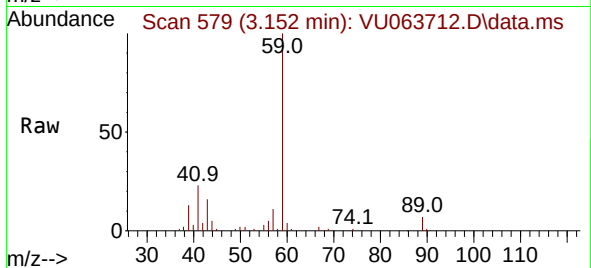




#11
Tert butyl alcohol
Concen: 84.741 ug/l
RT: 3.152 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

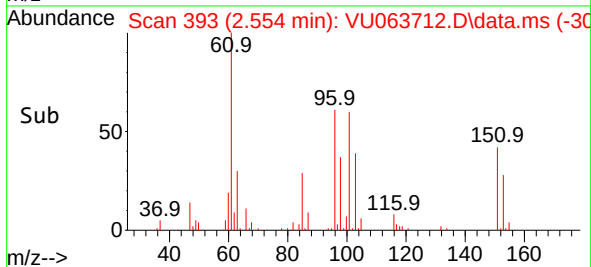
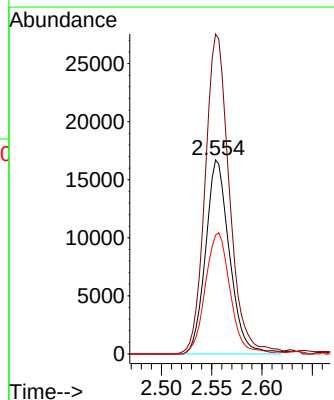
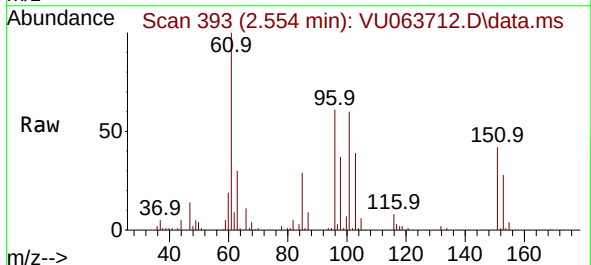
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

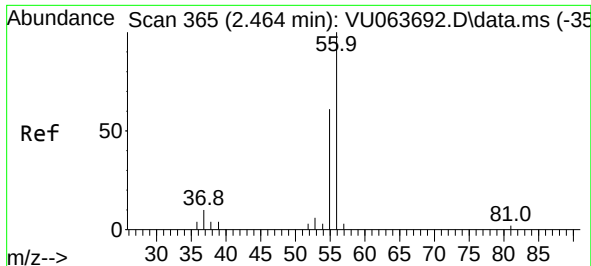
Tgt Ion: 59 Resp: 55650
Ion Ratio Lower Upper
59 100
57 9.6 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.659 ug/l
RT: 2.554 min Scan# 393
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 96 Resp: 27645
Ion Ratio Lower Upper
96 100
61 164.3 133.1 199.7
98 61.2 50.7 76.1





#13

Acrolein

Concen: 98.402 ug/l

RT: 2.467 min Scan# 3

Delta R.T. 0.003 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

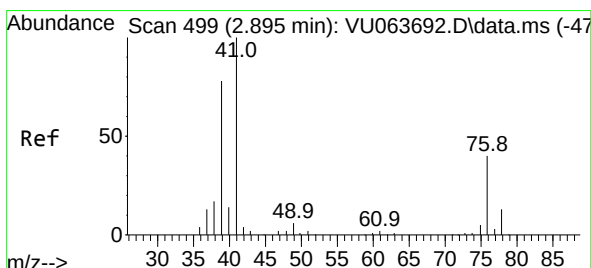
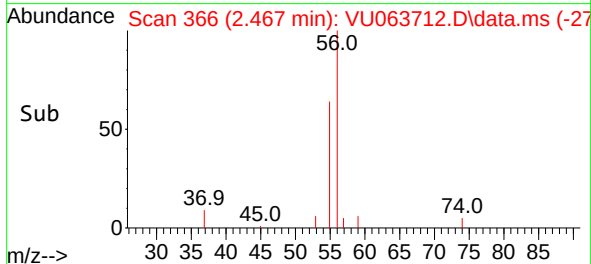
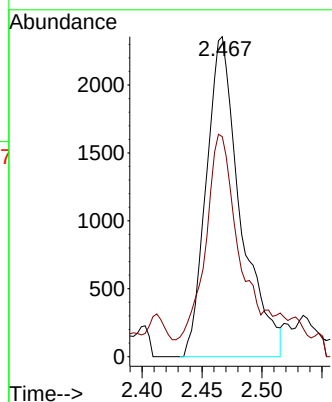
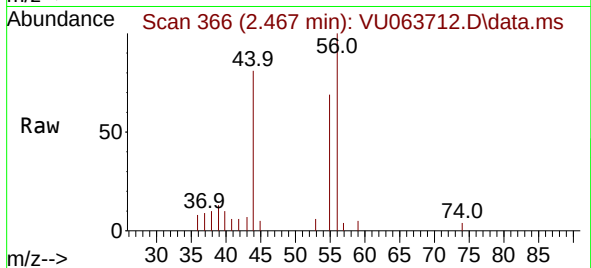
VU1112WBSD01

Tgt Ion: 56 Resp: 4674

Ion Ratio Lower Upper

56 100

55 63.6 47.1 70.7



#14

Allyl chloride

Concen: 17.981 ug/l

RT: 2.895 min Scan# 499

Delta R.T. -0.000 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

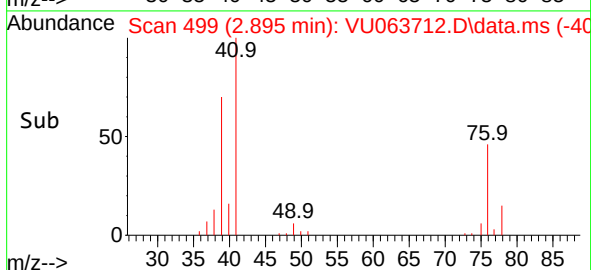
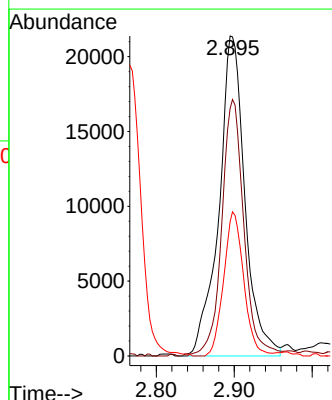
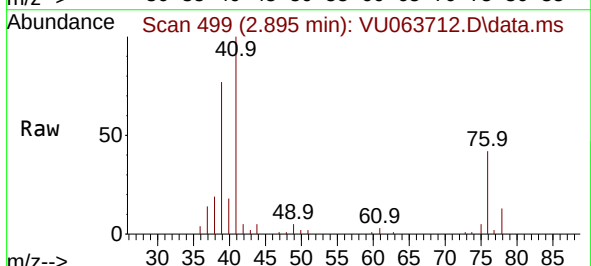
Tgt Ion: 41 Resp: 49685

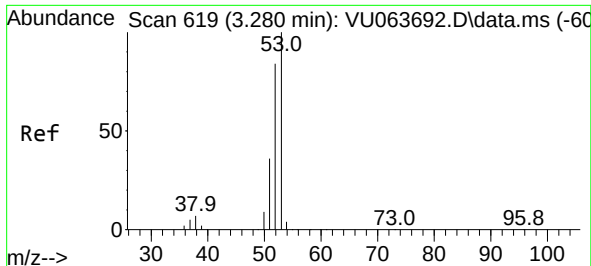
Ion Ratio Lower Upper

41 100

39 68.1 53.1 79.7

76 34.8 26.4 39.6

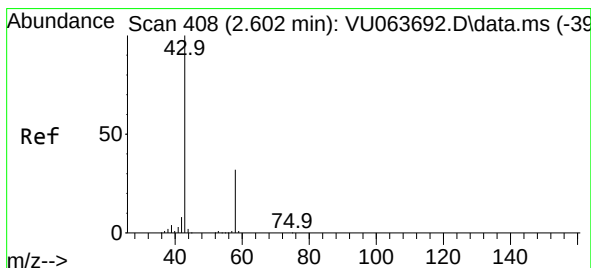
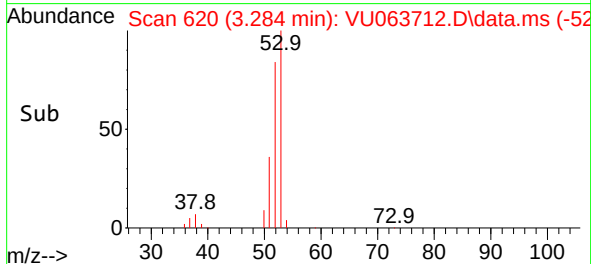
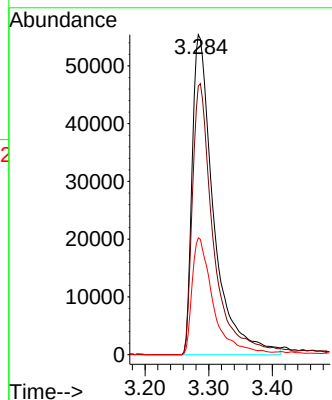
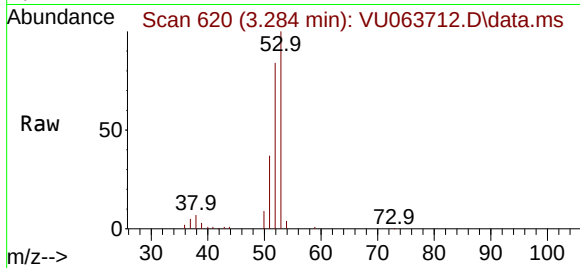




#15
Acrylonitrile
Concen: 96.913 ug/l
RT: 3.284 min Scan# 619
Delta R.T. 0.003 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

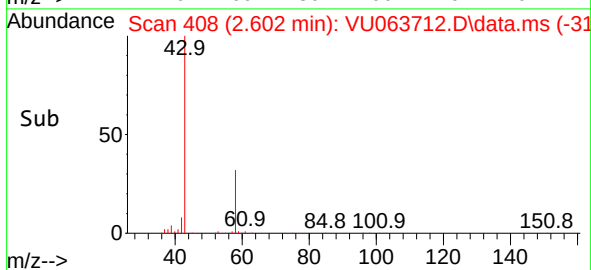
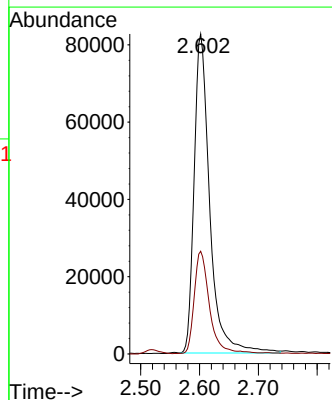
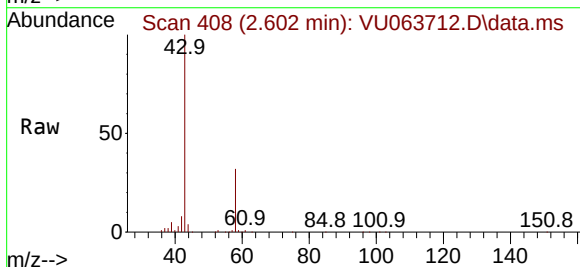
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

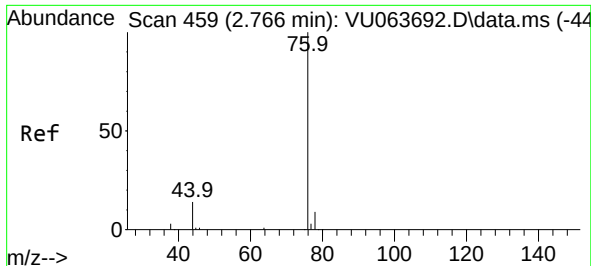
Tgt Ion: 53 Resp: 130341
Ion Ratio Lower Upper
53 100
52 83.2 67.5 101.3
51 36.1 29.0 43.6



#16
Acetone
Concen: 95.719 ug/l
RT: 2.602 min Scan# 408
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 43 Resp: 152406
Ion Ratio Lower Upper
43 100
58 32.0 25.4 38.2

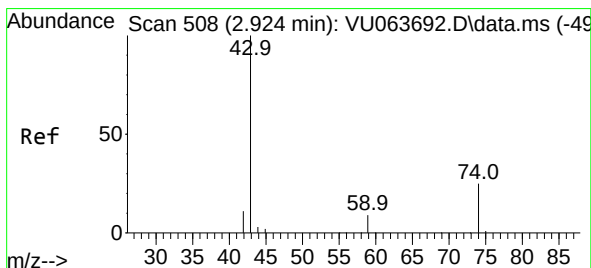
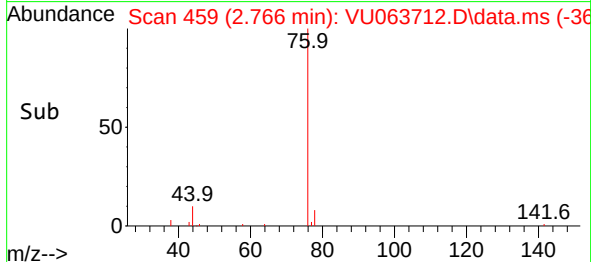
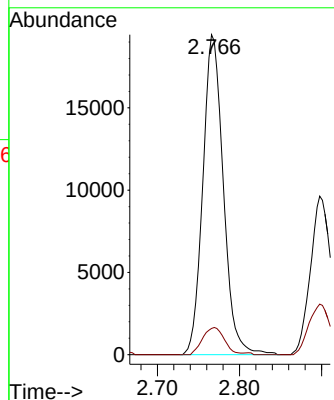
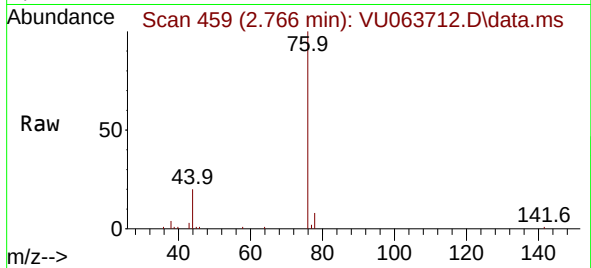




#17
Carbon Disulfide
Concen: 17.850 ug/l
RT: 2.766 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

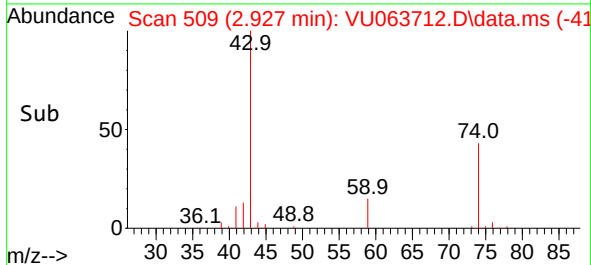
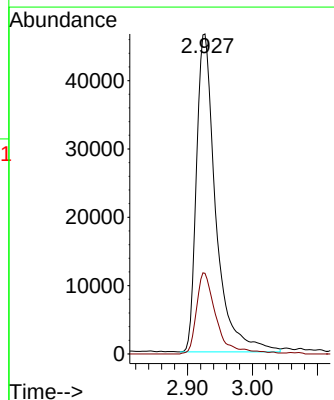
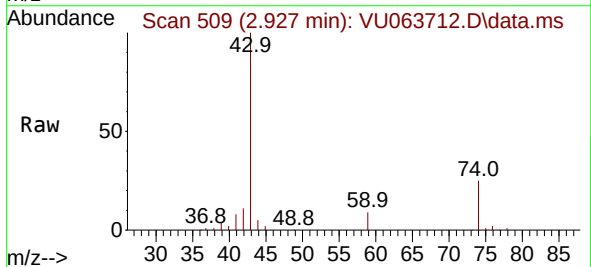
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

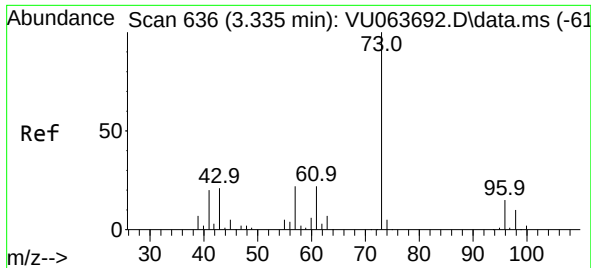
Tgt Ion: 76 Resp: 33833
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.6



#18
Methyl Acetate
Concen: 20.454 ug/l
RT: 2.927 min Scan# 509
Delta R.T. 0.003 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 43 Resp: 96372
Ion Ratio Lower Upper
43 100
74 24.8 20.6 31.0

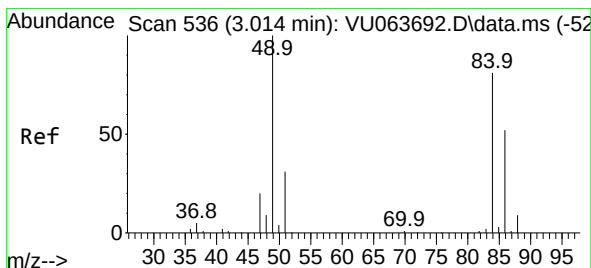
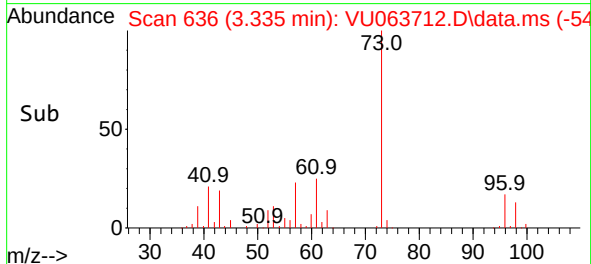
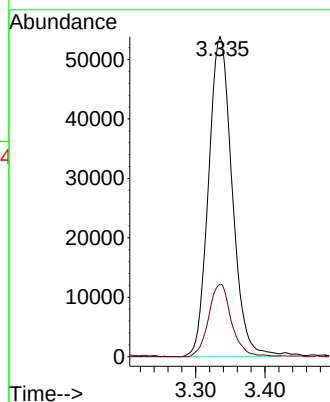
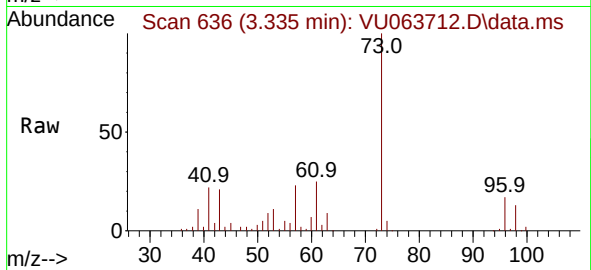




#19
Methyl tert-butyl Ether
Concen: 19.069 ug/l
RT: 3.335 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

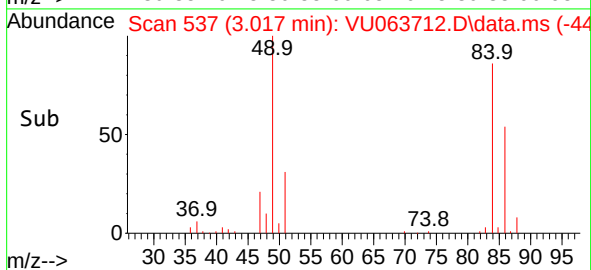
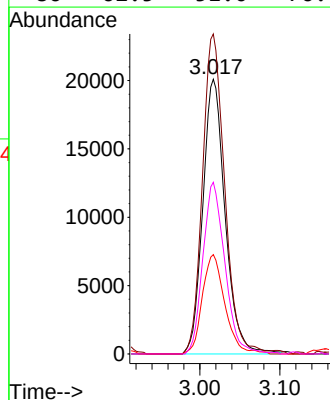
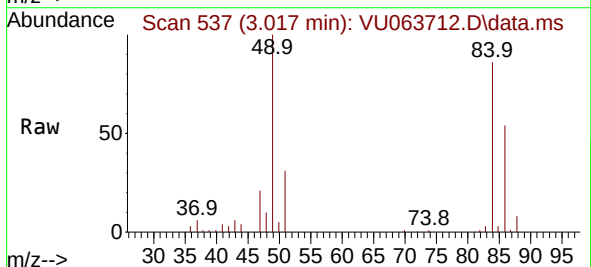
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

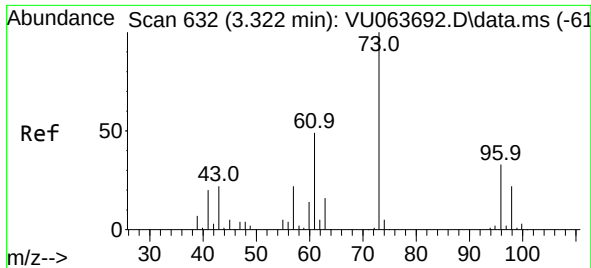
Tgt Ion: 73 Resp: 127476
Ion Ratio Lower Upper
73 100
57 22.7 17.4 26.2



#20
Methylene Chloride
Concen: 21.202 ug/l
RT: 3.017 min Scan# 537
Delta R.T. 0.003 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 84 Resp: 39069
Ion Ratio Lower Upper
84 100
49 116.5 98.4 147.6
51 36.1 30.1 45.1
86 62.5 51.0 76.6

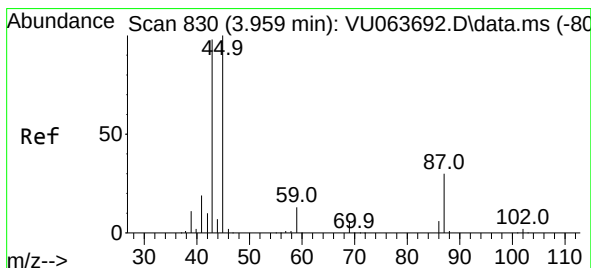
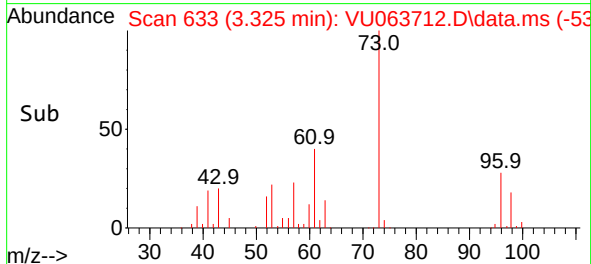
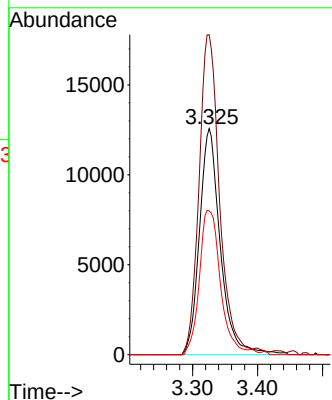
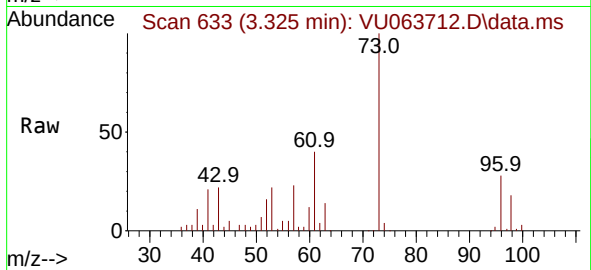




#21
trans-1,2-Dichloroethene
Concen: 18.415 ug/l
RT: 3.325 min Scan# 611
Delta R.T. 0.003 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

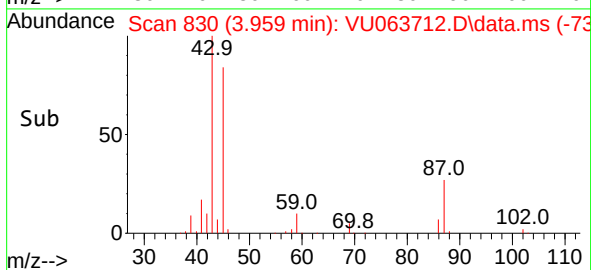
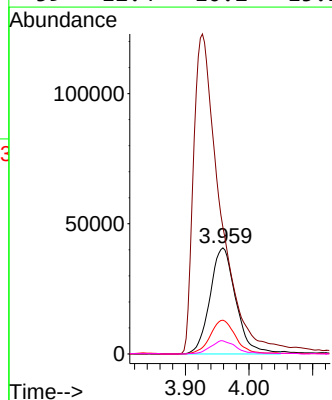
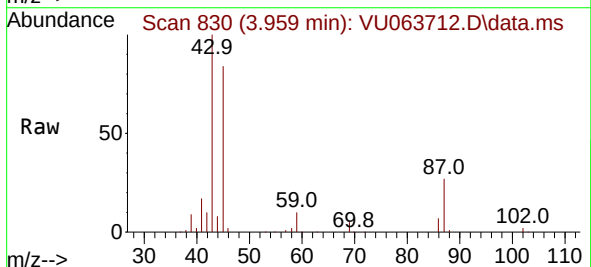
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

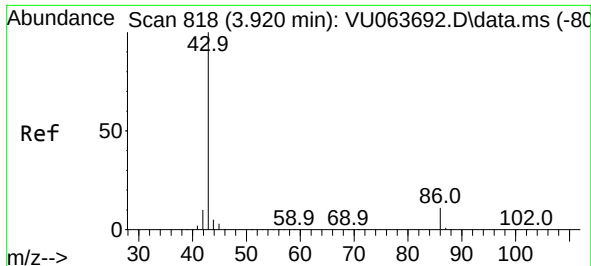
Tgt Ion: 96 Resp: 28010
Ion Ratio Lower Upper
96 100
61 141.5 117.5 176.3
98 63.6 52.7 79.1



#22
Diisopropyl ether
Concen: 18.951 ug/l
RT: 3.959 min Scan# 830
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 45 Resp: 115333
Ion Ratio Lower Upper
45 100
43 119.0 78.1 117.1#
87 31.8 23.8 35.8
59 12.4 10.2 15.2

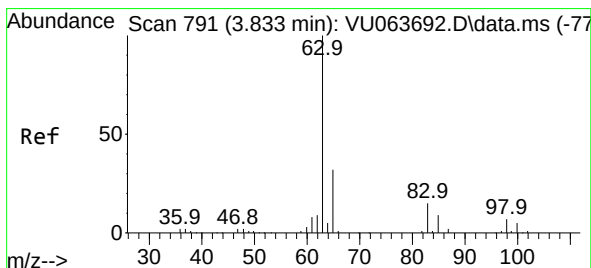
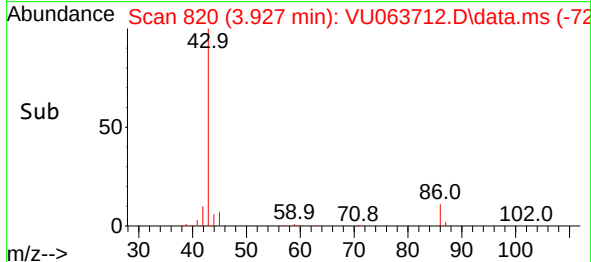
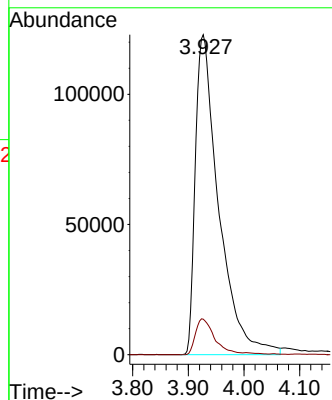
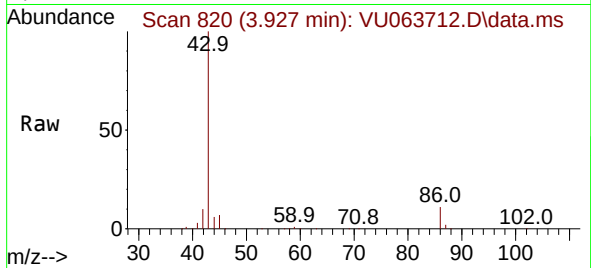




#23
 Vinyl Acetate
 Concen: 86.405 ug/l
 RT: 3.927 min Scan# 818
 Delta R.T. 0.006 min
 Lab File: VU063712.D
 Acq: 12 Nov 2025 11:27

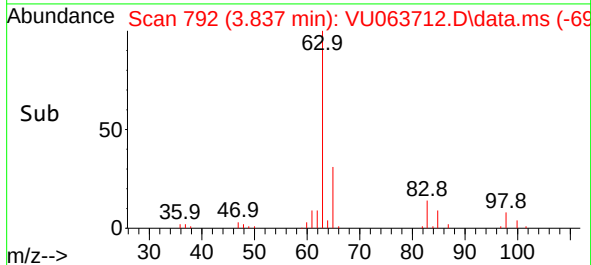
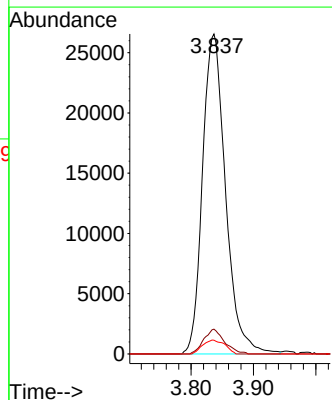
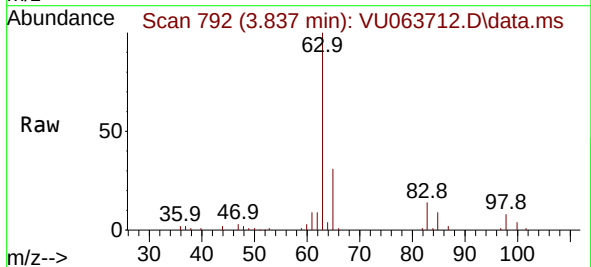
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBSD01

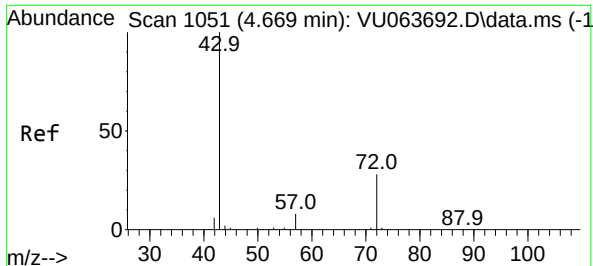
Tgt Ion: 43 Resp: 358612
 Ion Ratio Lower Upper
 43 100
 86 11.1 8.7 13.1



#24
 1,1-Dichloroethane
 Concen: 19.418 ug/l
 RT: 3.837 min Scan# 792
 Delta R.T. 0.003 min
 Lab File: VU063712.D
 Acq: 12 Nov 2025 11:27

Tgt Ion: 63 Resp: 68157
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.7 11.1
 100 4.3 2.5 7.5





#25

2-Butanone

Concen: 90.633 ug/l

RT: 4.669 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

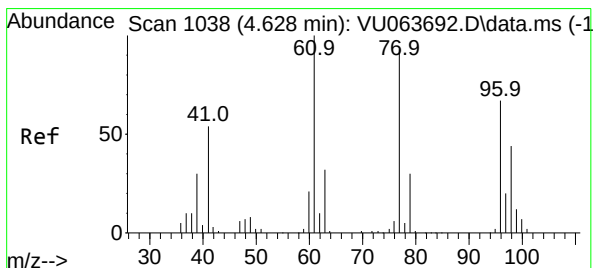
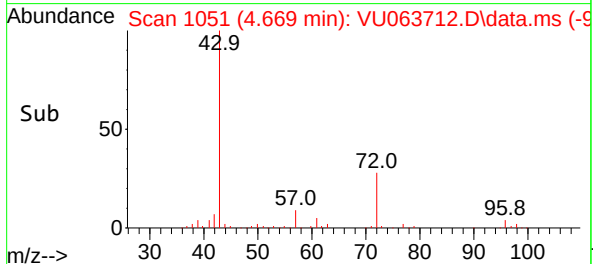
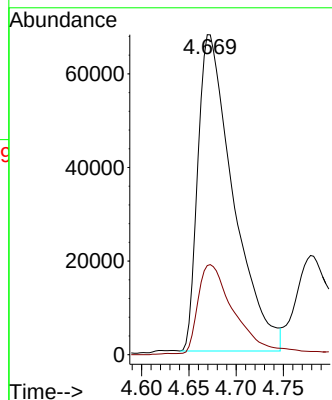
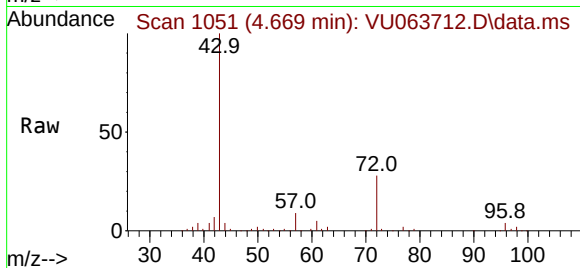
VU1112WBSD01

Tgt Ion: 43 Resp: 175647

Ion Ratio Lower Upper

43 100

72 27.8 22.0 33.0



#26

2,2-Dichloropropane

Concen: 17.725 ug/l

RT: 4.628 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VU063712.D

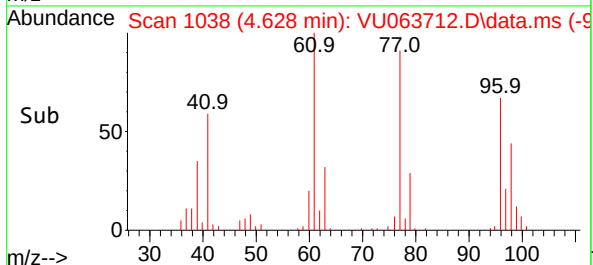
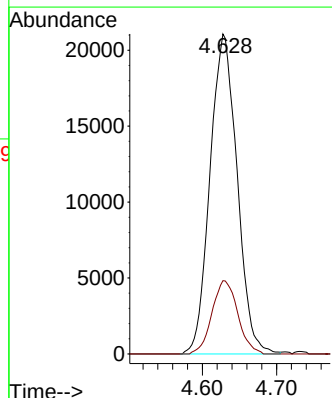
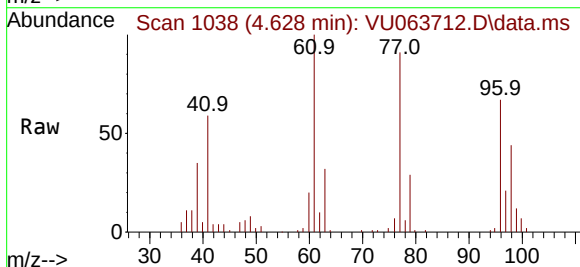
Acq: 12 Nov 2025 11:27

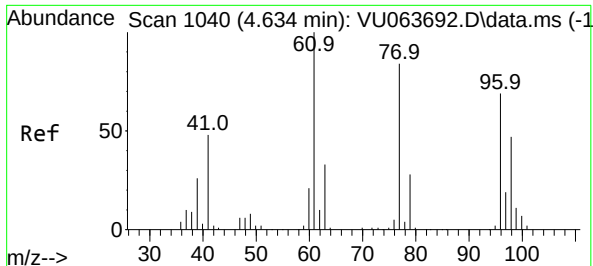
Tgt Ion: 77 Resp: 53434

Ion Ratio Lower Upper

77 100

97 21.8 10.9 32.9

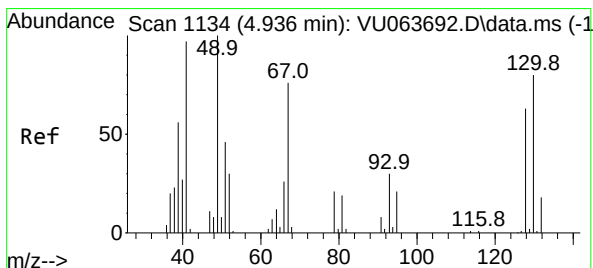
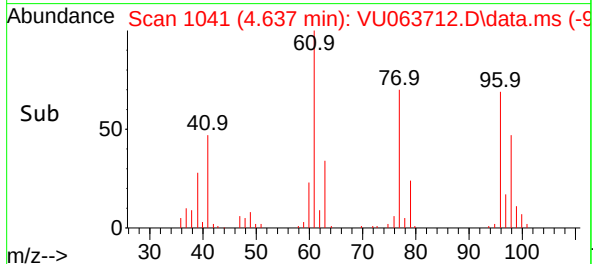
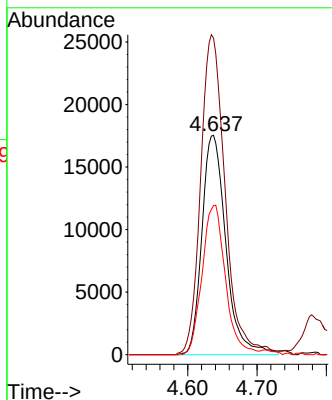
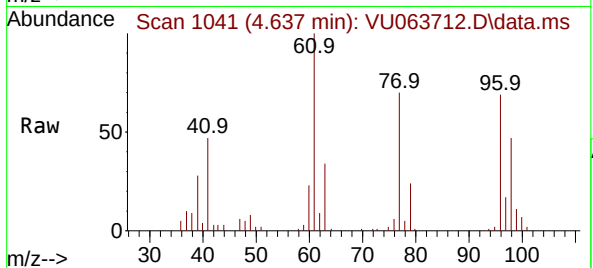




#27
 cis-1,2-Dichloroethene
 Concen: 18.984 ug/l
 RT: 4.637 min Scan# 1041
 Delta R.T. 0.003 min
 Lab File: VU063712.D
 Acq: 12 Nov 2025 11:27

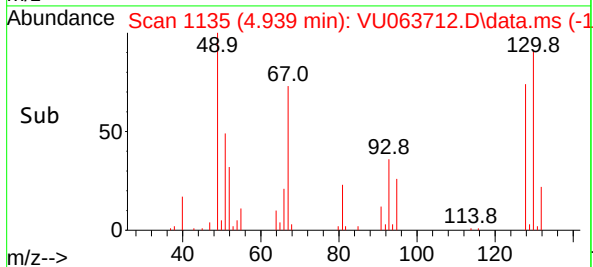
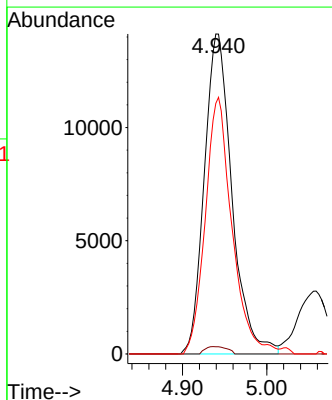
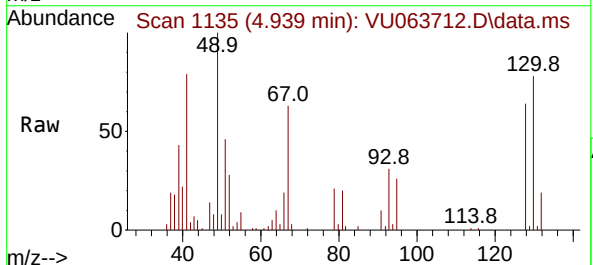
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBSD01

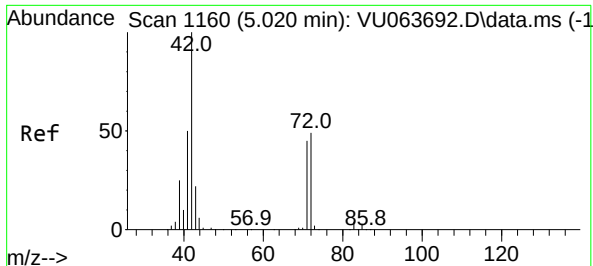
Tgt Ion: 96 Resp: 42188
 Ion Ratio Lower Upper
 96 100
 61 148.3 0.0 295.4
 98 66.0 0.0 131.8



#28
 Bromochloromethane
 Concen: 22.975 ug/l
 RT: 4.939 min Scan# 1135
 Delta R.T. 0.003 min
 Lab File: VU063712.D
 Acq: 12 Nov 2025 11:27

Tgt Ion: 49 Resp: 32271
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 3.6
 130 77.3 65.1 97.7

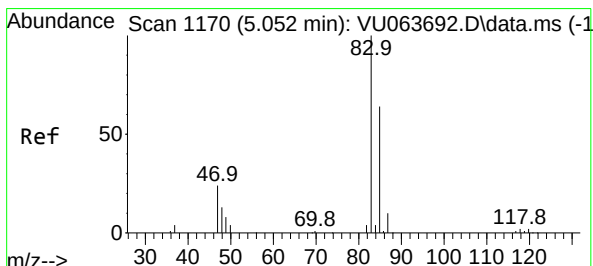
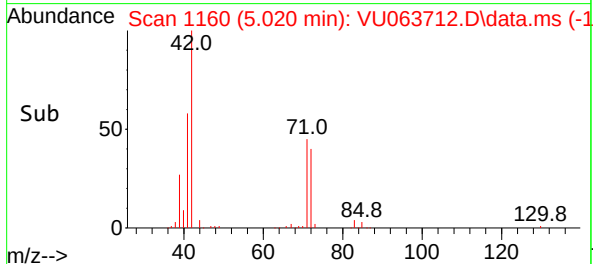
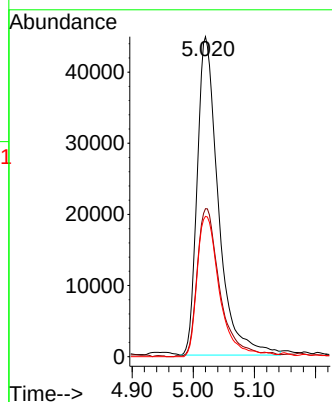
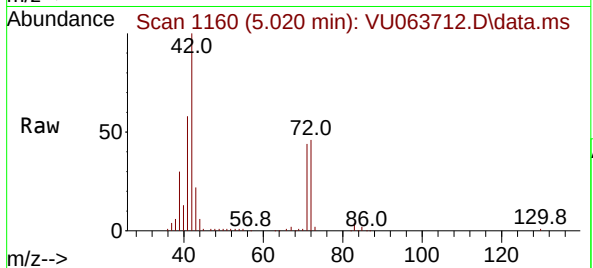




#29
Tetrahydrofuran
Concen: 95.666 ug/l
RT: 5.020 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

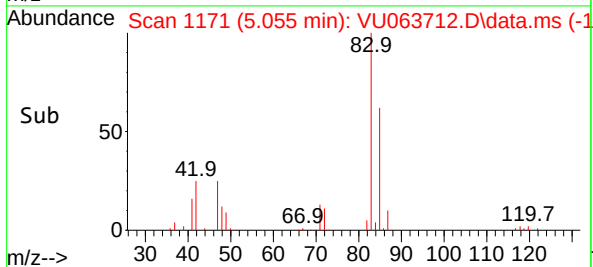
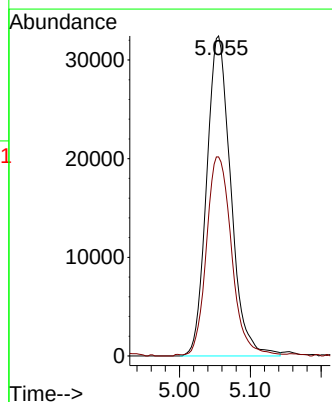
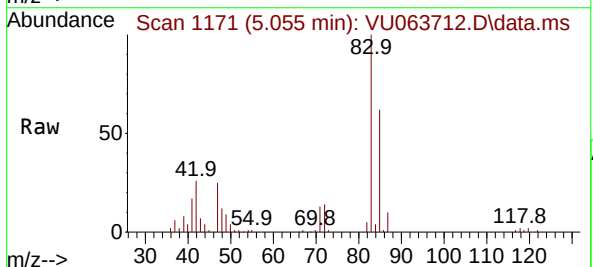
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

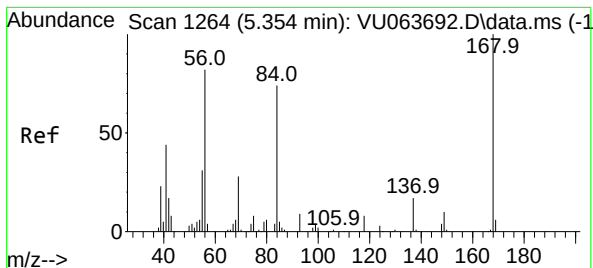
Tgt Ion: 42 Resp: 107882
Ion Ratio Lower Upper
42 100
72 49.4 40.0 60.0
71 46.4 37.4 56.0



#30
Chloroform
Concen: 19.974 ug/l
RT: 5.055 min Scan# 1171
Delta R.T. 0.003 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 83 Resp: 76808
Ion Ratio Lower Upper
83 100
85 61.8 51.0 76.6





#31

Cyclohexane

Concen: 19.103 ug/l

RT: 5.354 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

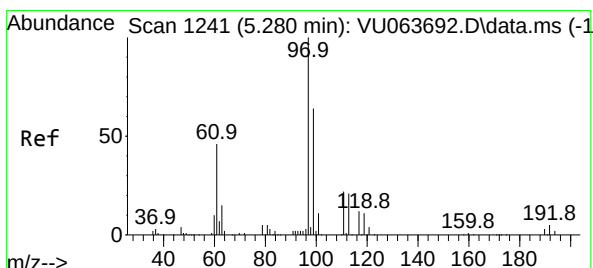
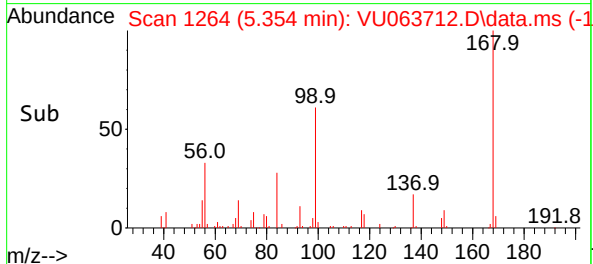
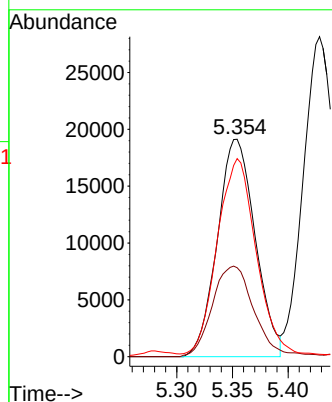
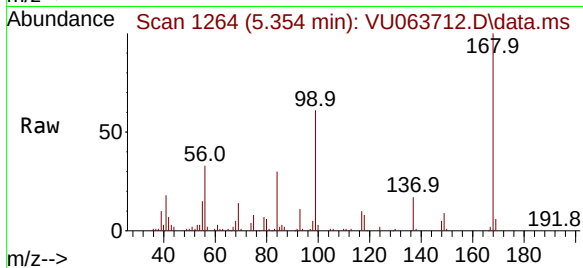
Tgt Ion: 56 Resp: 45195

Ion Ratio Lower Upper

56 100

69 40.9 27.0 40.6#

84 89.9 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 18.940 ug/l

RT: 5.284 min Scan# 1242

Delta R.T. 0.003 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

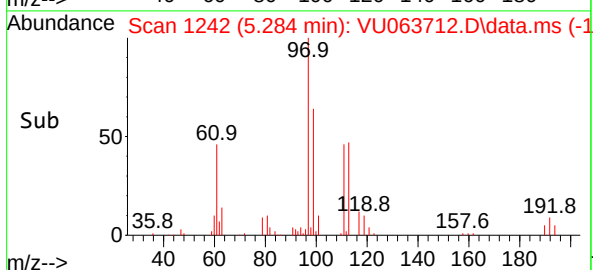
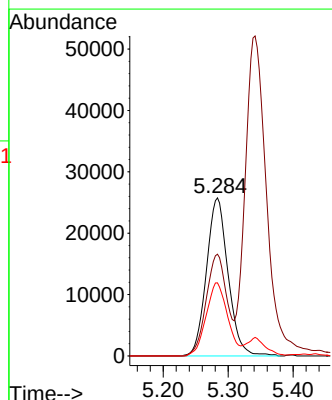
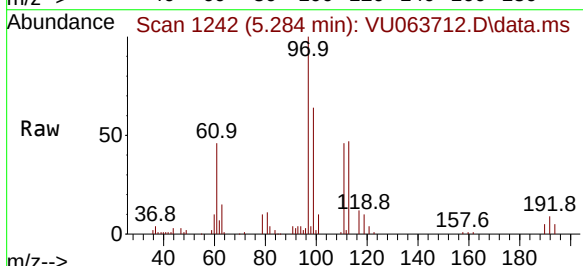
Tgt Ion: 97 Resp: 59765

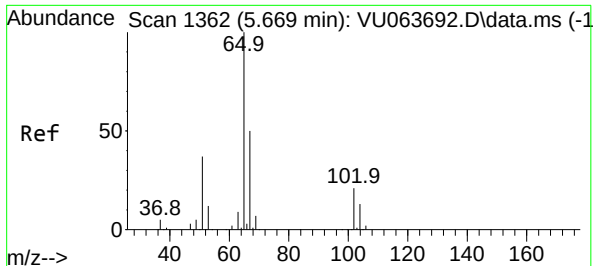
Ion Ratio Lower Upper

97 100

99 61.6 49.8 74.8

61 45.8 36.6 55.0





#33

1,2-Dichloroethane-d4

Concen: 47.223 ug/l

RT: 5.669 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

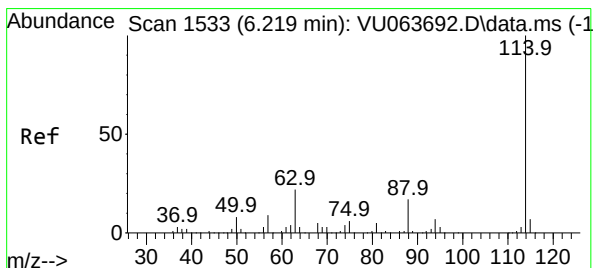
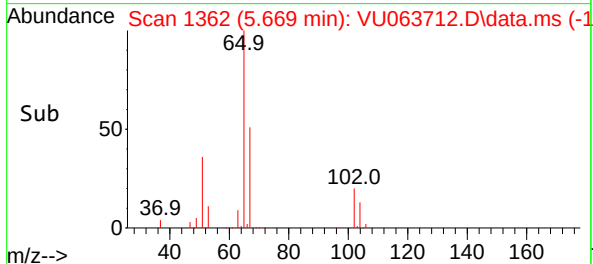
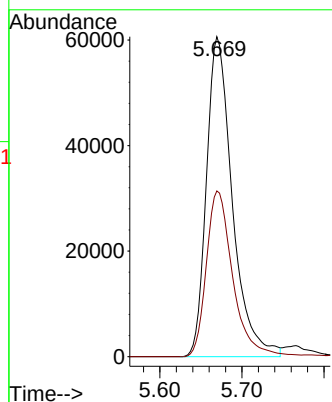
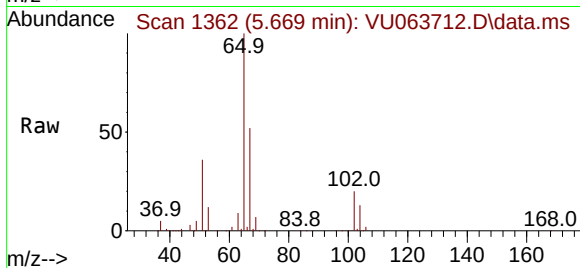
VU1112WBSD01

Tgt Ion: 65 Resp: 132917

Ion Ratio Lower Upper

65 100

67 53.0 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: VU063712.D

Acq: 12 Nov 2025 11:27

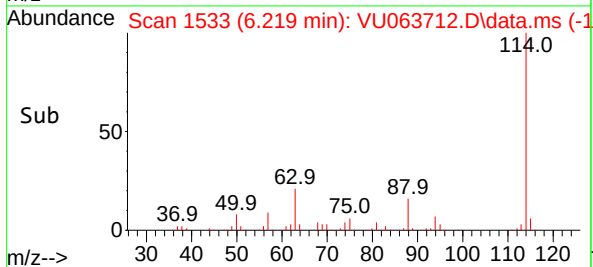
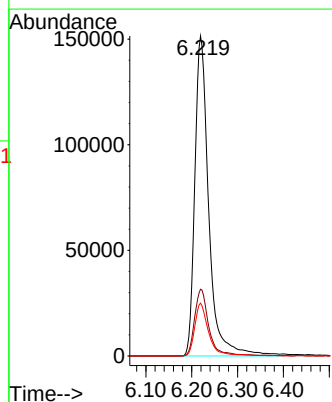
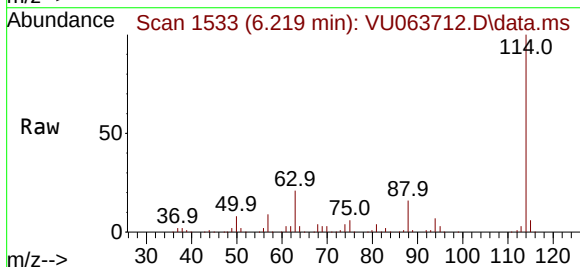
Tgt Ion: 114 Resp: 319494

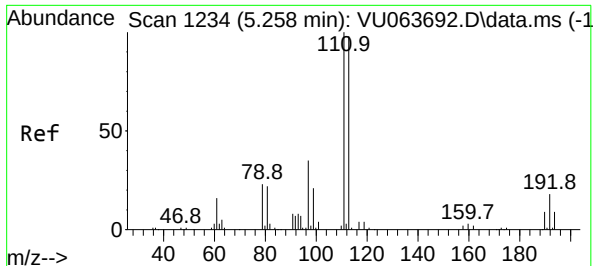
Ion Ratio Lower Upper

114 100

63 20.8 0.0 44.0

88 16.5 0.0 33.6

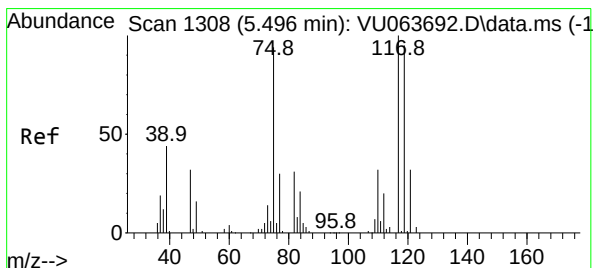
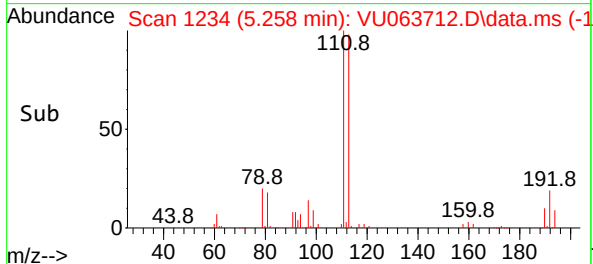
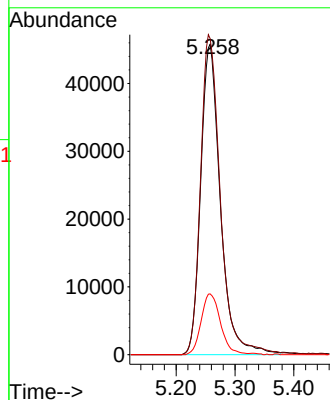
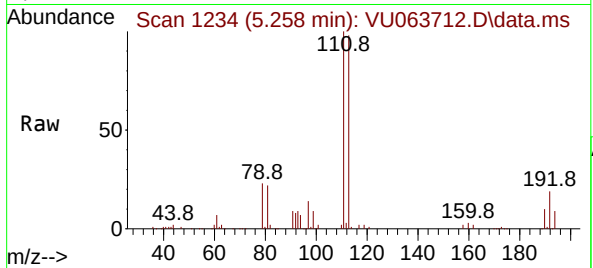




#35
Dibromofluoromethane
Concen: 47.552 ug/l
RT: 5.258 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

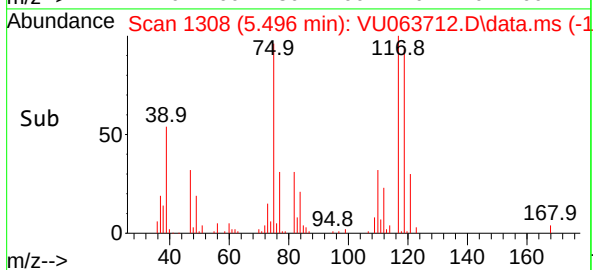
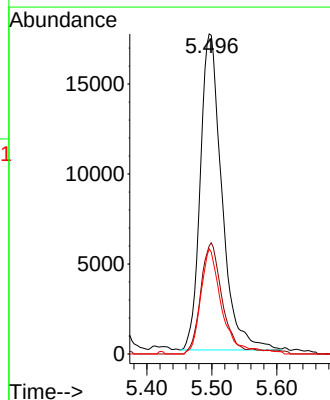
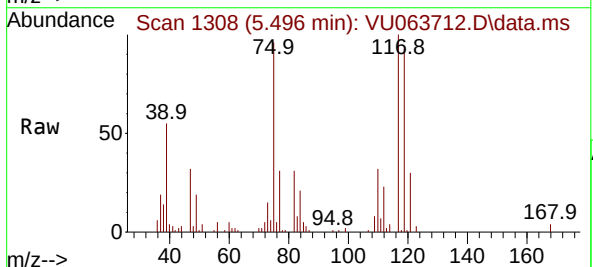
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

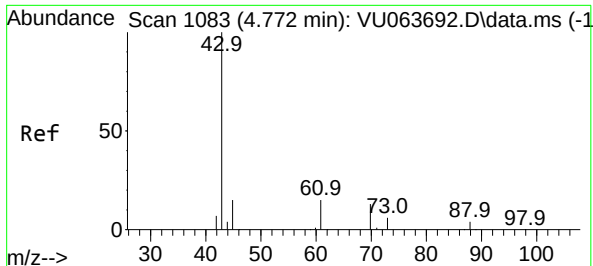
Tgt Ion:113 Resp: 106408
Ion Ratio Lower Upper
113 100
111 103.7 82.4 123.6
192 19.2 15.4 23.0



#36
1,1-Dichloropropene
Concen: 17.843 ug/l
RT: 5.496 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 75 Resp: 40638
Ion Ratio Lower Upper
75 100
110 34.7 17.3 51.7
77 31.4 24.4 36.6

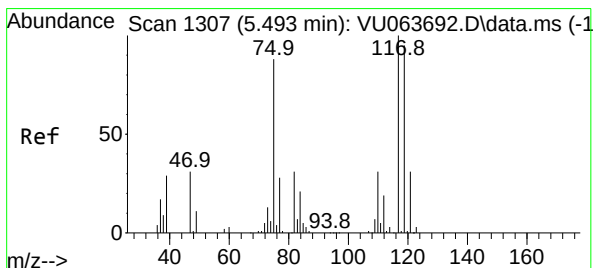
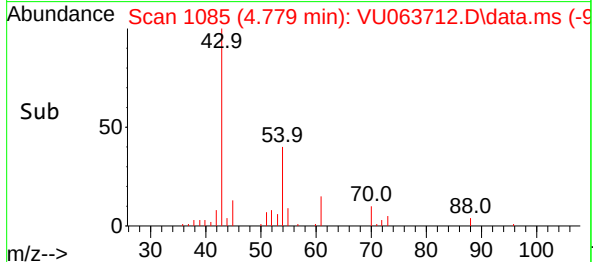
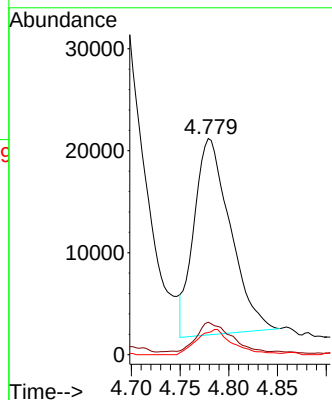
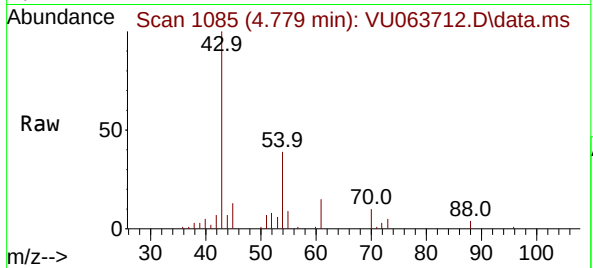




#37
Ethyl Acetate
Concen: 15.468 ug/l
RT: 4.779 min Scan# 1083
Delta R.T. 0.006 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

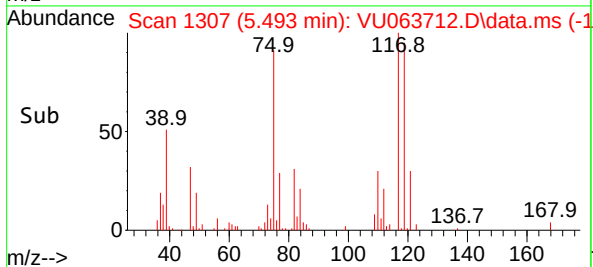
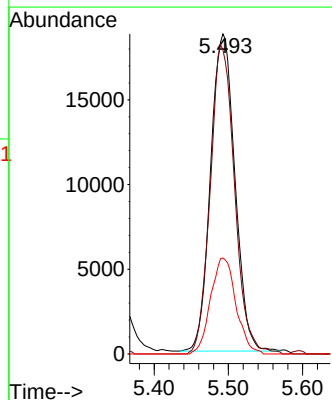
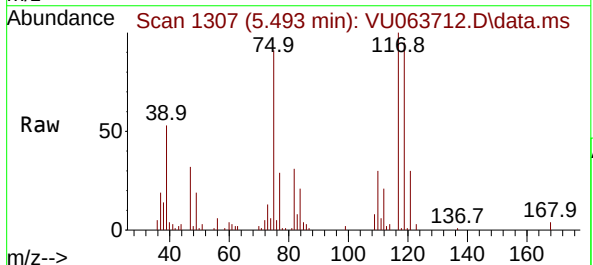
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

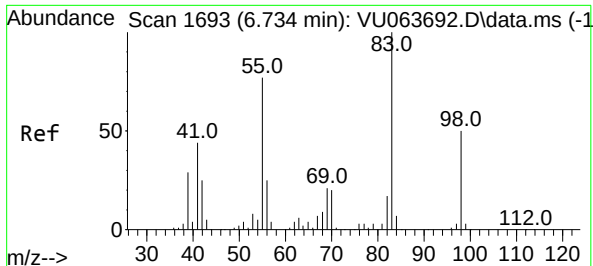
Tgt Ion: 43 Resp: 49886
Ion Ratio Lower Upper
43 100
61 13.4 10.3 15.5
70 12.7 8.9 13.3



#38
Carbon Tetrachloride
Concen: 17.325 ug/l
RT: 5.493 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 117 Resp: 42648
Ion Ratio Lower Upper
117 100
119 95.9 76.1 114.1
121 30.3 24.6 37.0





#39

Methylcyclohexane

Concen: 17.706 ug/l

RT: 6.734 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

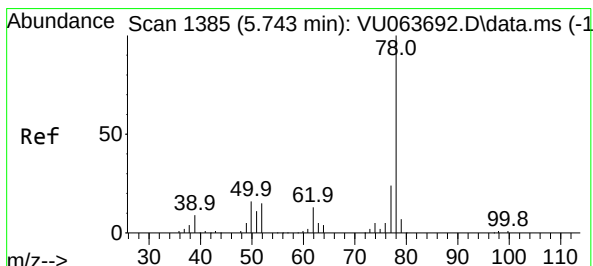
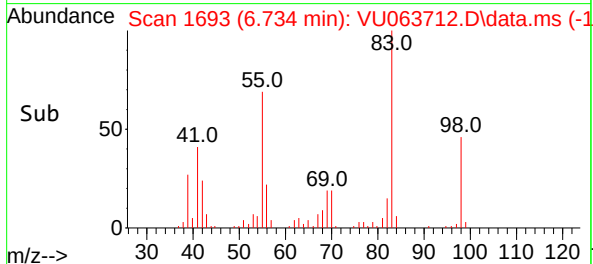
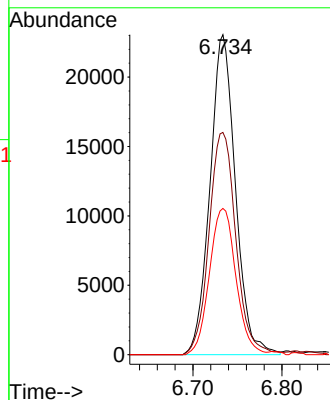
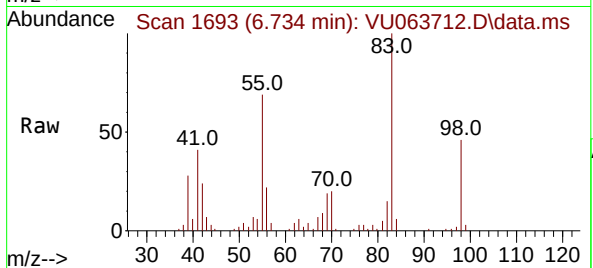
Tgt Ion: 83 Resp: 45786

Ion Ratio Lower Upper

83 100

55 69.5 61.6 92.4

98 45.7 40.0 60.0



#40

Benzene

Concen: 18.549 ug/l

RT: 5.743 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU063712.D

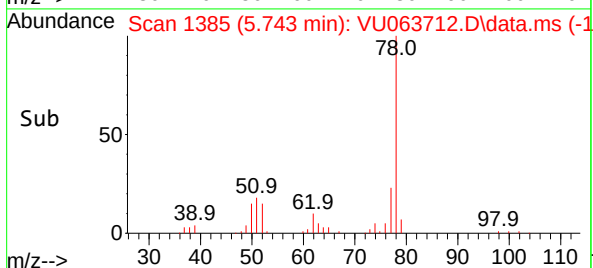
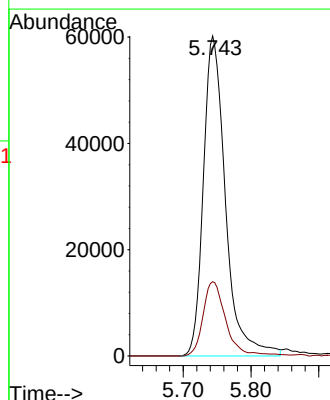
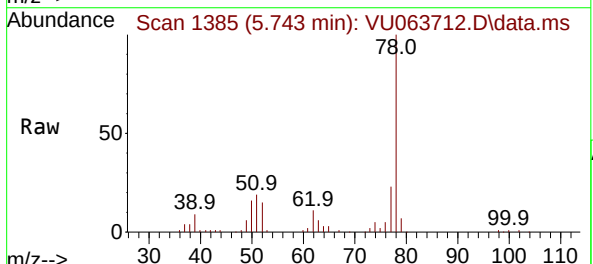
Acq: 12 Nov 2025 11:27

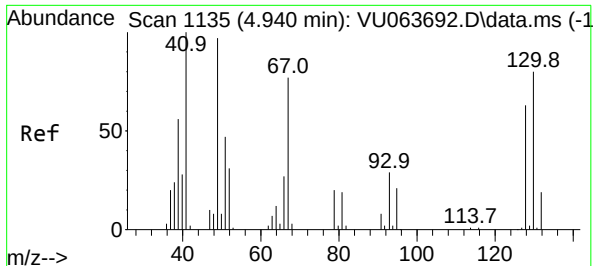
Tgt Ion: 78 Resp: 136330

Ion Ratio Lower Upper

78 100

77 23.2 18.9 28.3



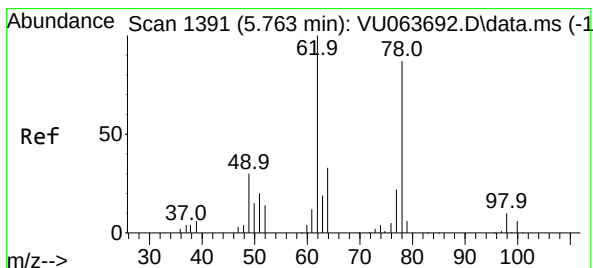
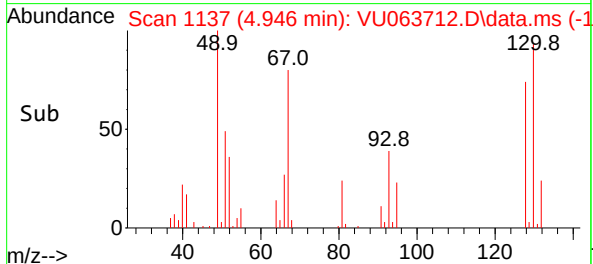
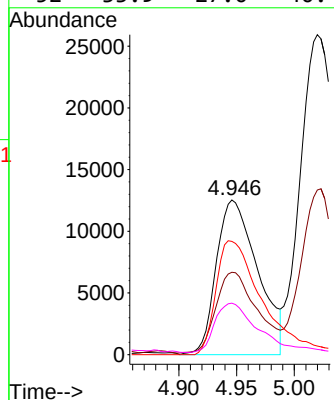
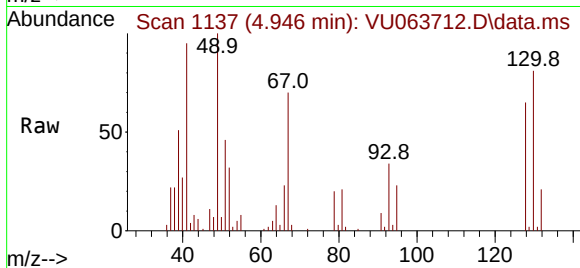


#41
Methacrylonitrile
Concen: 18.667 ug/l
RT: 4.946 min Scan# 1137
Delta R.T. 0.006 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

Tgt Ion: 41 Resp: 31287

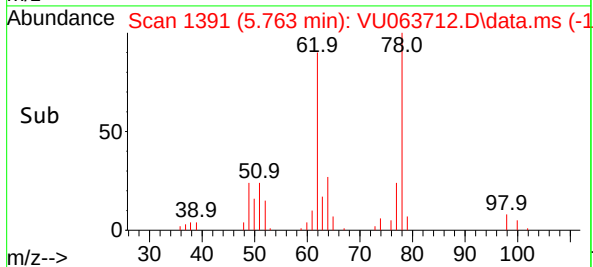
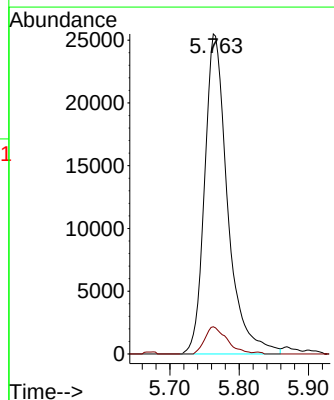
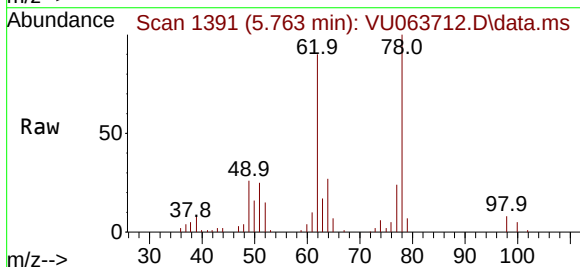
Ion	Ratio	Lower	Upper
41	100		
39	52.1	44.7	67.1
67	82.3	67.4	101.2
52	33.9	27.0	40.4

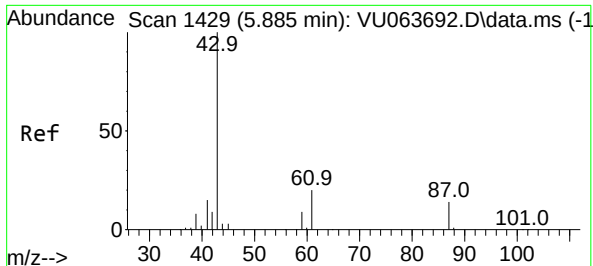


#42
1,2-Dichloroethane
Concen: 20.263 ug/l
RT: 5.763 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 62 Resp: 58737

Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	18.2





#43

Isopropyl Acetate

Concen: 18.205 ug/l

RT: 5.885 min Scan# 1429

Delta R.T. -0.000 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

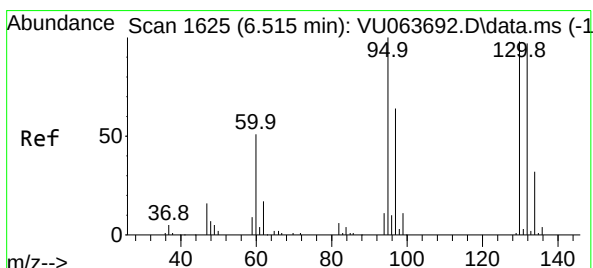
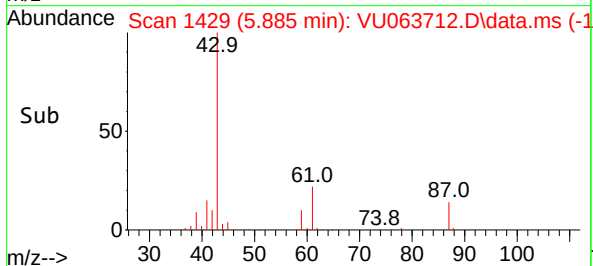
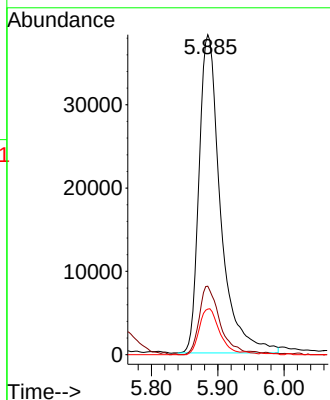
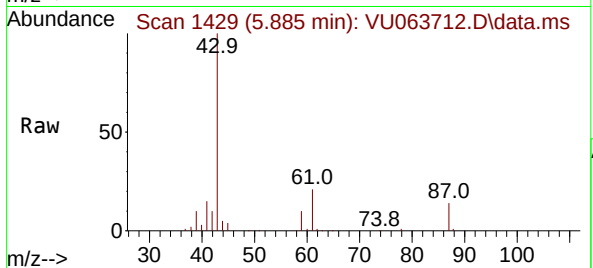
Tgt Ion: 43 Resp: 86053

Ion Ratio Lower Upper

43 100

61 21.0 15.9 23.9

87 13.5 11.0 16.6



#44

Trichloroethene

Concen: 17.871 ug/l

RT: 6.515 min Scan# 1625

Delta R.T. -0.000 min

Lab File: VU063712.D

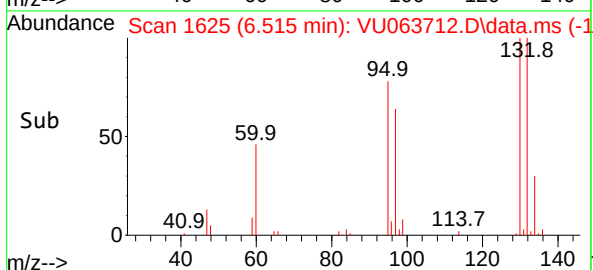
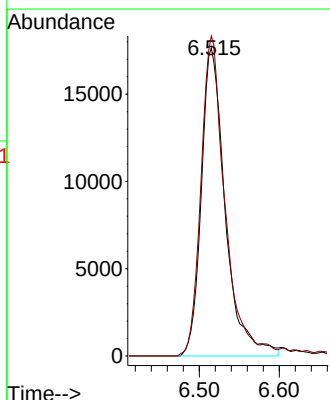
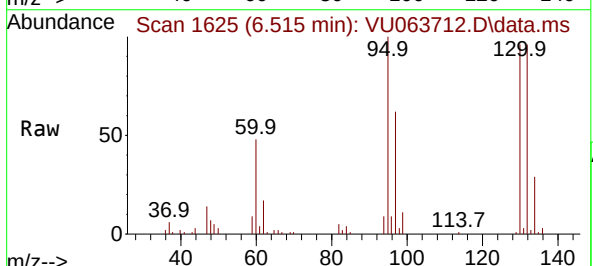
Acq: 12 Nov 2025 11:27

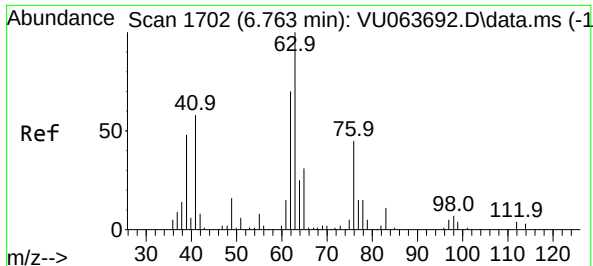
Tgt Ion:130 Resp: 36850

Ion Ratio Lower Upper

130 100

95 103.9 0.0 203.6





#45

1,2-Dichloropropane

Concen: 19.303 ug/l

RT: 6.763 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

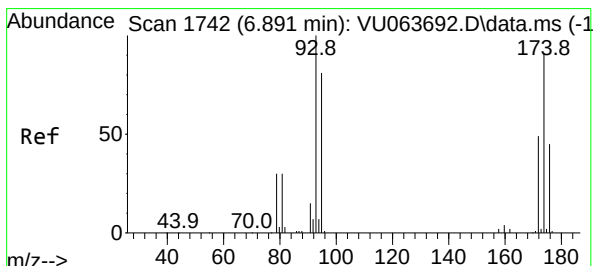
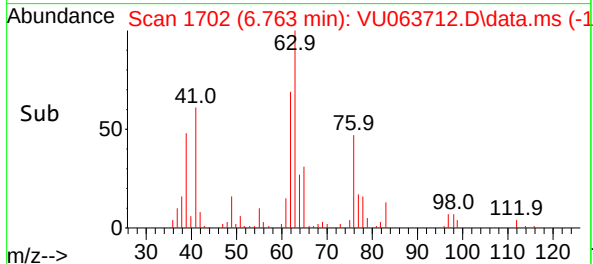
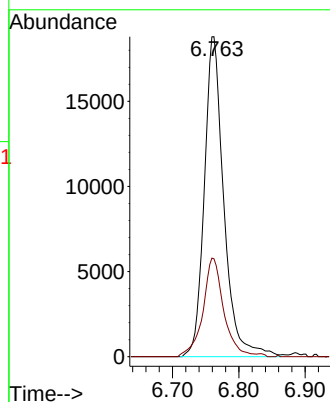
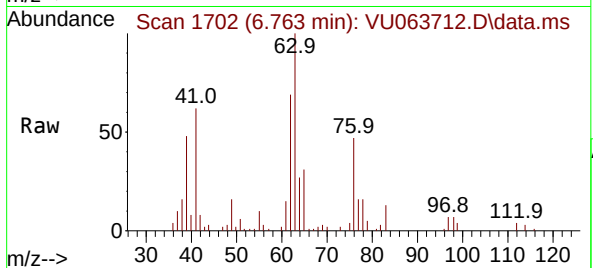
VU1112WBSD01

Tgt Ion: 63 Resp: 38567

Ion Ratio Lower Upper

63 100

65 30.6 24.9 37.3



#46

Dibromomethane

Concen: 20.272 ug/l

RT: 6.891 min Scan# 1742

Delta R.T. -0.000 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

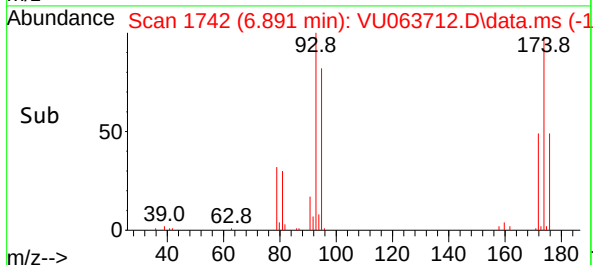
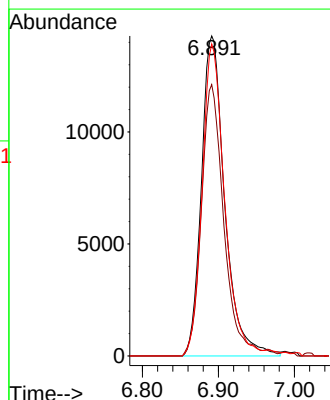
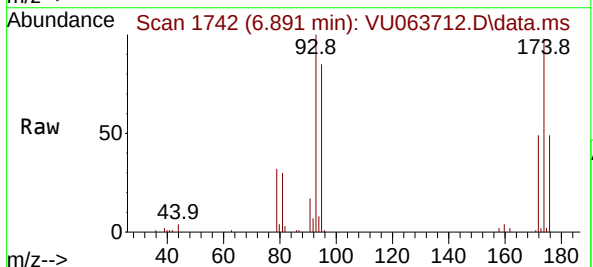
Tgt Ion: 93 Resp: 30413

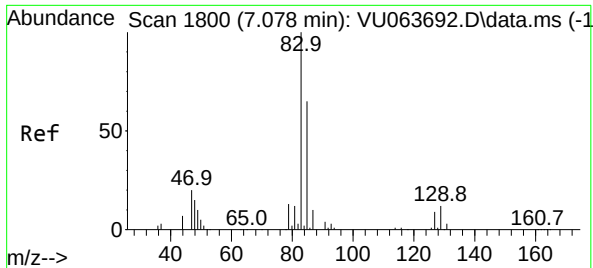
Ion Ratio Lower Upper

93 100

95 81.1 65.9 98.9

174 94.0 74.9 112.3

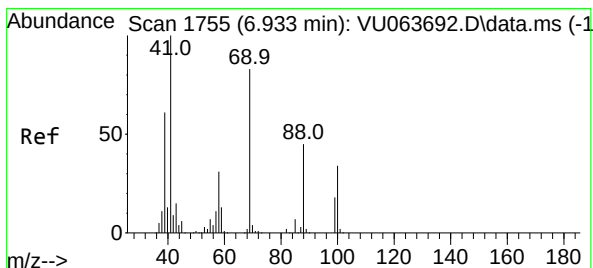
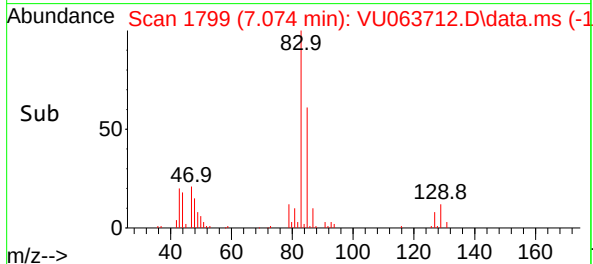
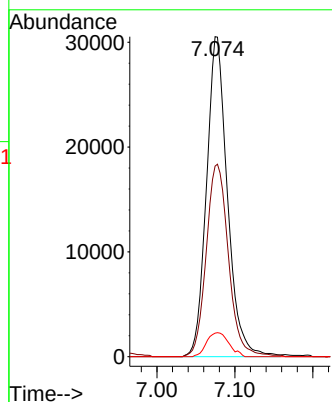
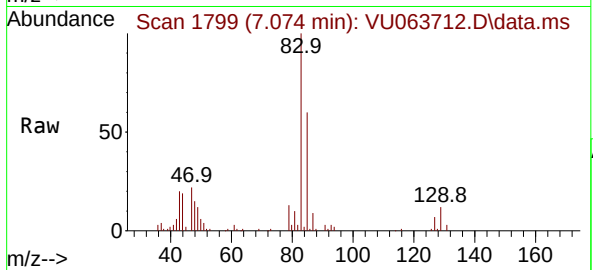




#47
Bromodichloromethane
Concen: 18.730 ug/l
RT: 7.074 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

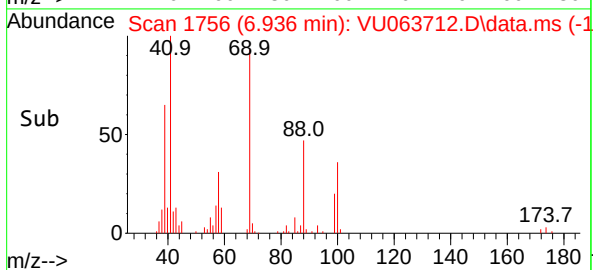
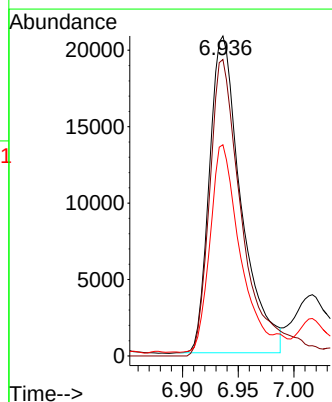
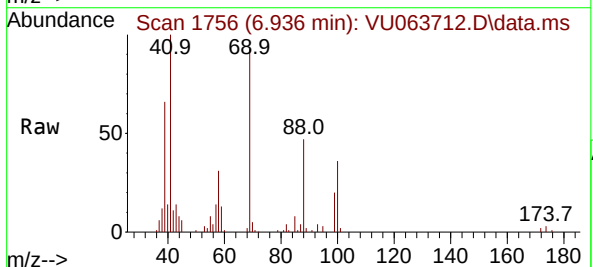
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

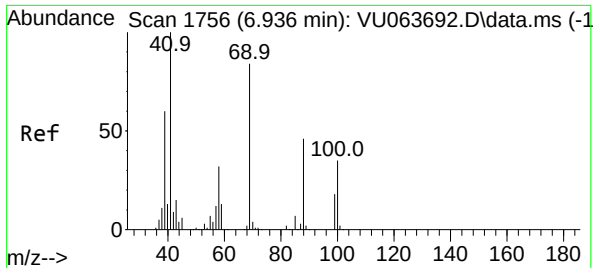
Tgt Ion: 83 Resp: 56969
Ion Ratio Lower Upper
83 100
85 59.5 51.9 77.9
127 7.4 6.9 10.3



#48
Methyl methacrylate
Concen: 17.708 ug/l
RT: 6.936 min Scan# 1756
Delta R.T. 0.003 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 41 Resp: 41088
Ion Ratio Lower Upper
41 100
69 98.1 72.9 109.3
39 61.6 51.0 76.4





#49

1,4-Dioxane

Concen: 385.722 ug/l

RT: 6.939 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

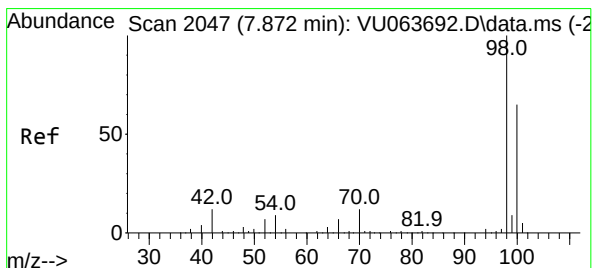
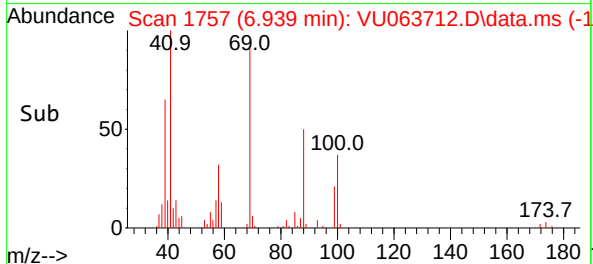
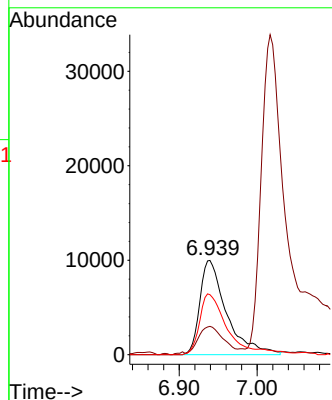
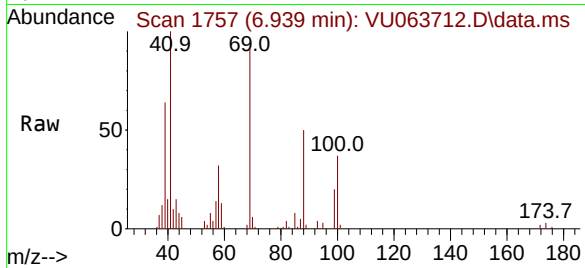
Tgt Ion: 88 Resp: 23711

Ion Ratio Lower Upper

88 100

43 25.8 24.1 36.1

58 67.6 54.2 81.4



#50

Toluene-d8

Concen: 45.813 ug/l

RT: 7.872 min Scan# 2047

Delta R.T. -0.000 min

Lab File: VU063712.D

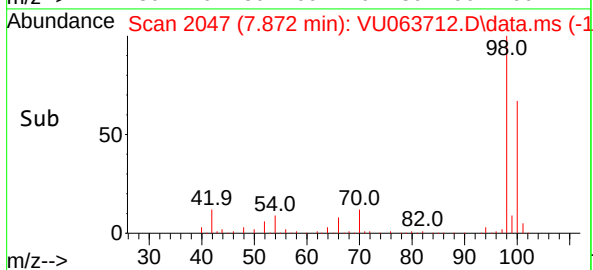
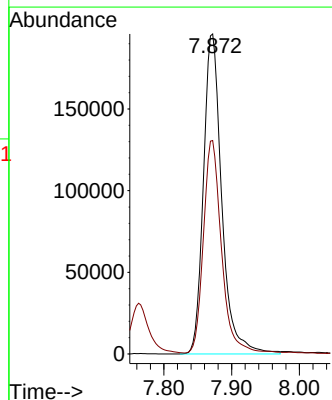
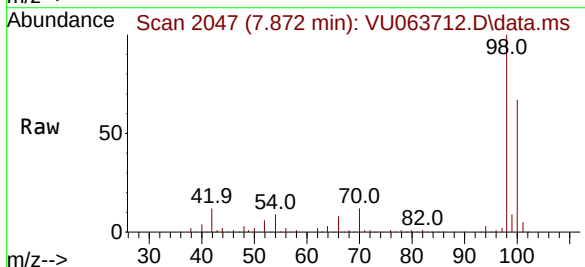
Acq: 12 Nov 2025 11:27

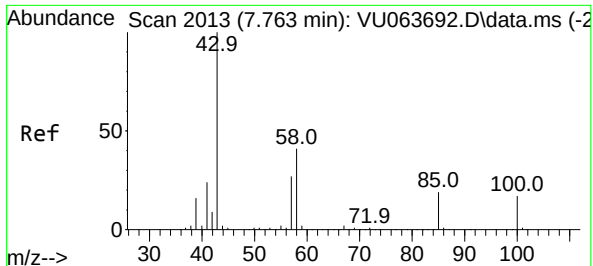
Tgt Ion: 98 Resp: 368300

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 93.940 ug/l

RT: 7.763 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

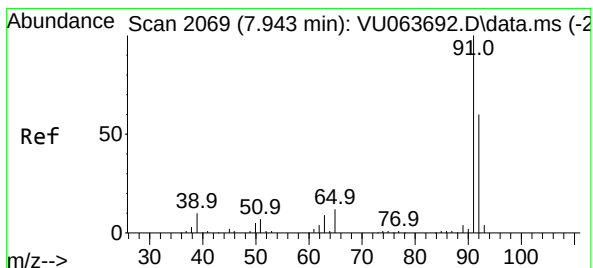
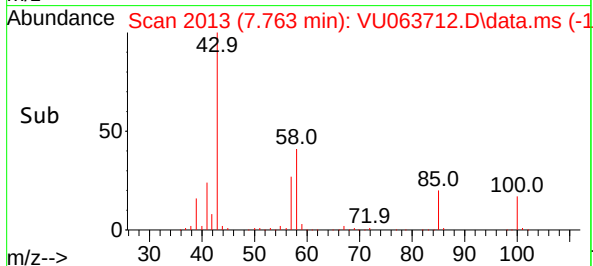
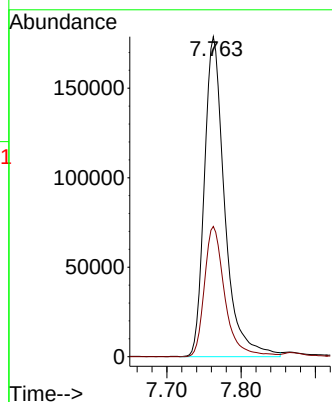
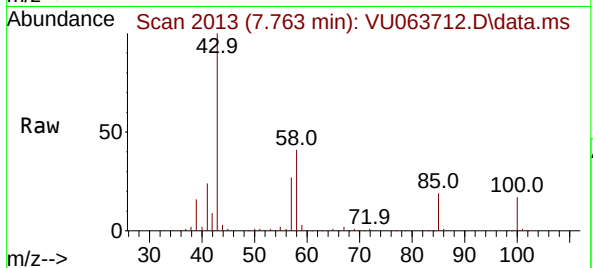
VU1112WBSD01

Tgt Ion: 43 Resp: 339801

Ion Ratio Lower Upper

43 100

58 40.8 32.3 48.5



#52

Toluene

Concen: 19.135 ug/l

RT: 7.943 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VU063712.D

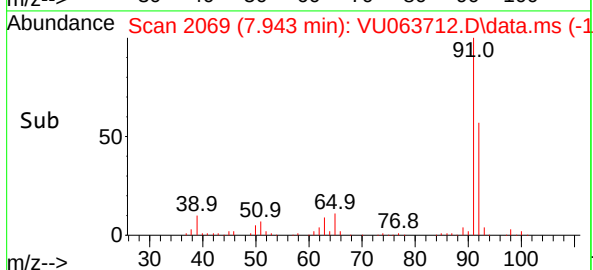
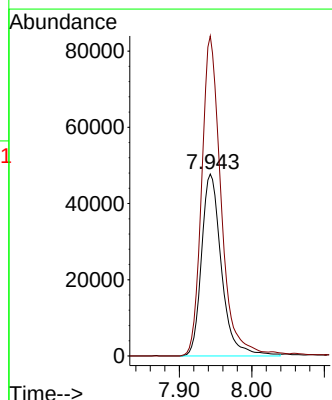
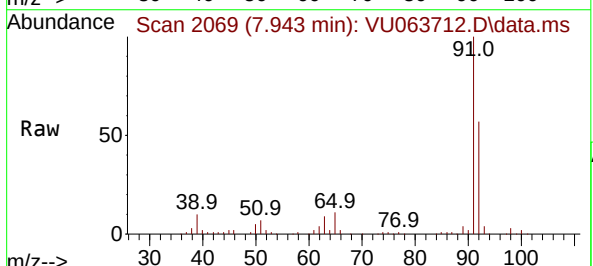
Acq: 12 Nov 2025 11:27

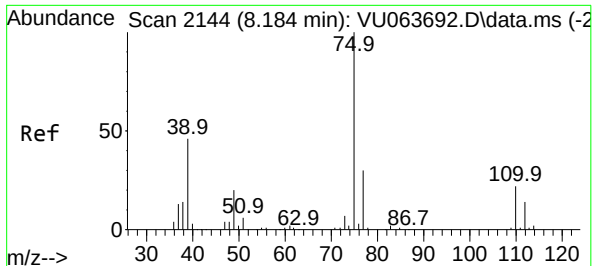
Tgt Ion: 92 Resp: 91269

Ion Ratio Lower Upper

92 100

91 170.3 136.6 204.8





#53

t-1,3-Dichloropropene

Concen: 17.271 ug/l

RT: 8.187 min Scan# 2144

Delta R.T. 0.003 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

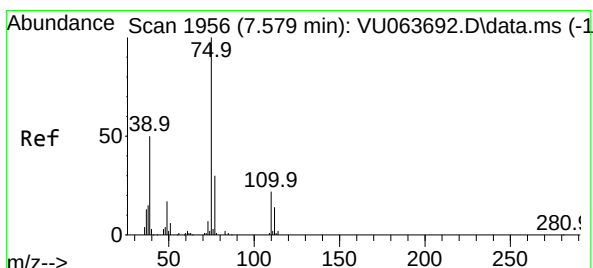
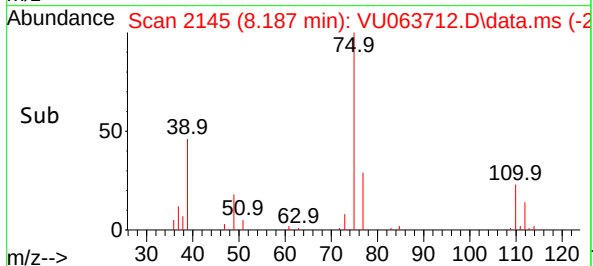
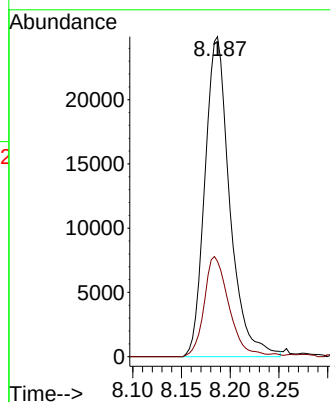
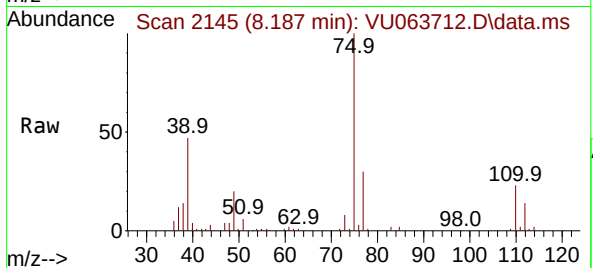
VU1112WBSD01

Tgt Ion: 75 Resp: 44234

Ion Ratio Lower Upper

75 100

77 29.8 24.3 36.5



#54

cis-1,3-Dichloropropene

Concen: 17.992 ug/l

RT: 7.579 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

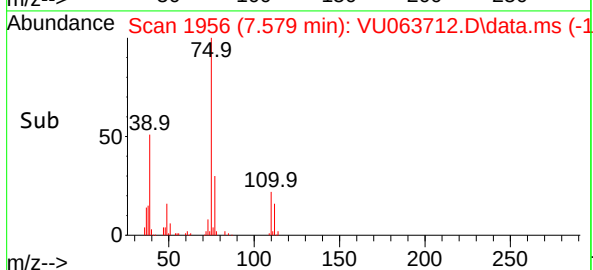
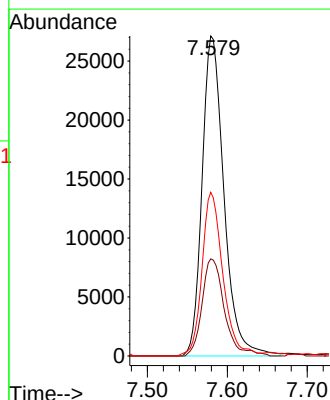
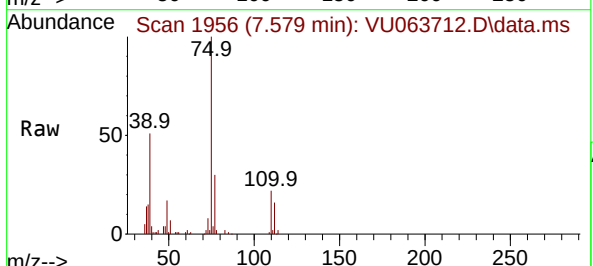
Tgt Ion: 75 Resp: 51649

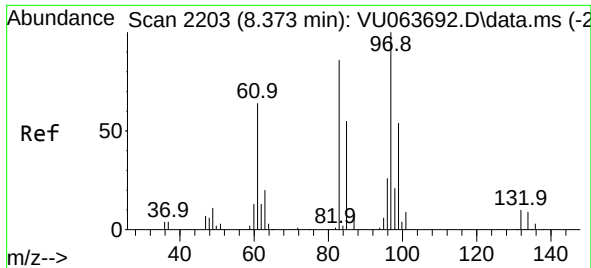
Ion Ratio Lower Upper

75 100

77 30.4 24.3 36.5

39 50.8 40.2 60.2

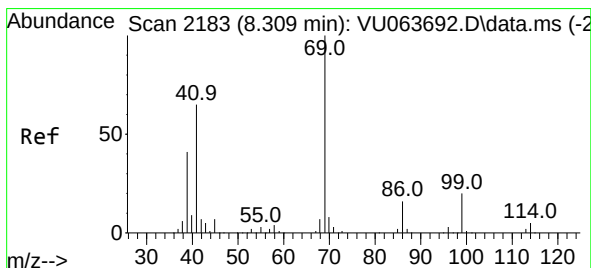
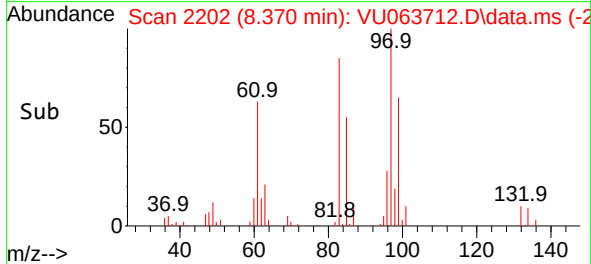
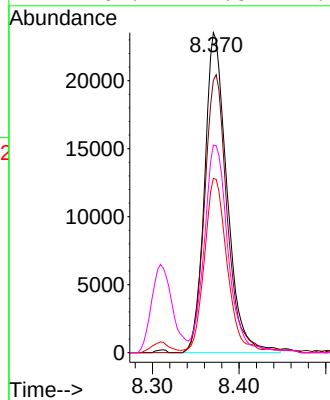
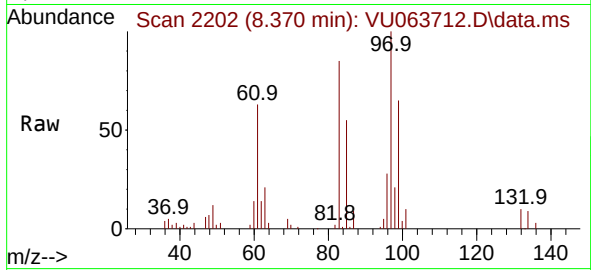




#55
 1,1,2-Trichloroethane
 Concen: 19.369 ug/l
 RT: 8.370 min Scan# 2111
 Delta R.T. -0.003 min
 Lab File: VU063712.D
 Acq: 12 Nov 2025 11:27

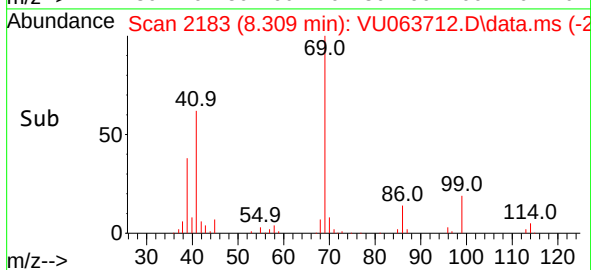
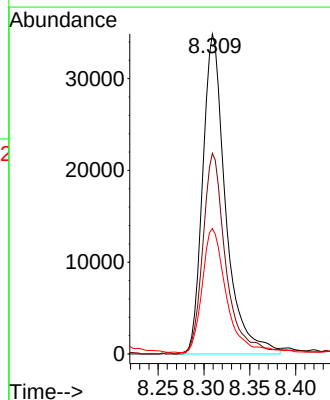
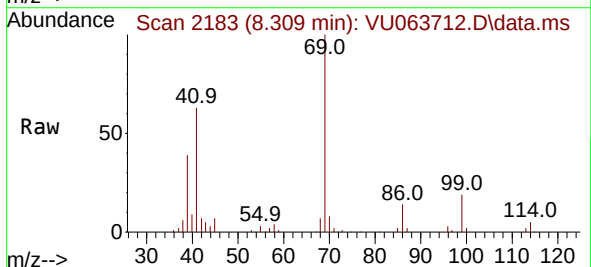
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBSD01

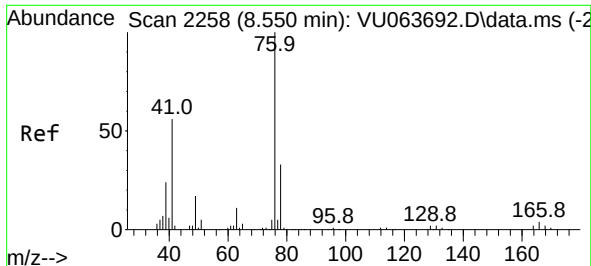
Tgt Ion:	97	Resp:	42395
Ion	Ratio	Lower	Upper
97	100		
83	85.1	69.0	103.4
85	53.8	44.2	66.4
99	64.2	49.6	74.4



#56
 Ethyl methacrylate
 Concen: 18.801 ug/l
 RT: 8.309 min Scan# 2183
 Delta R.T. -0.000 min
 Lab File: VU063712.D
 Acq: 12 Nov 2025 11:27

Tgt Ion:	69	Resp:	60720
Ion	Ratio	Lower	Upper
69	100		
41	62.4	51.4	77.2
39	41.2	32.2	48.4





#57

1,3-Dichloropropane

Concen: 19.120 ug/l

RT: 8.547 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

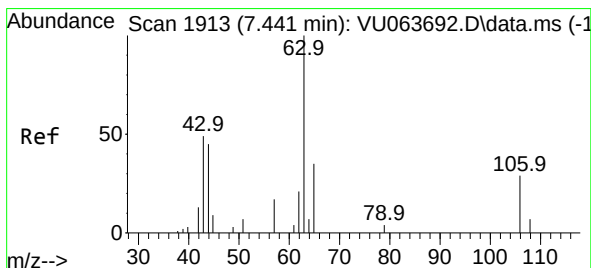
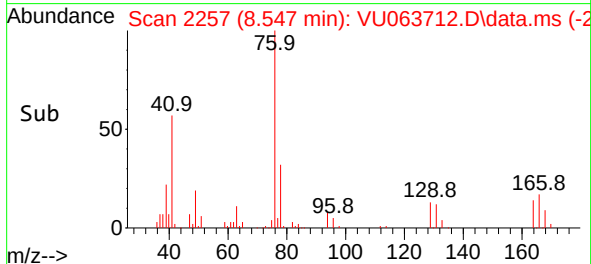
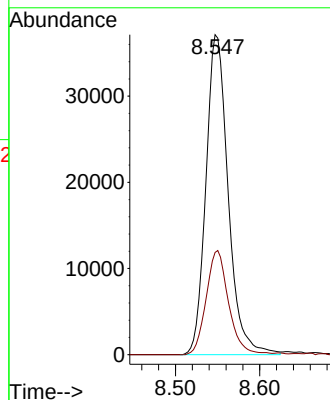
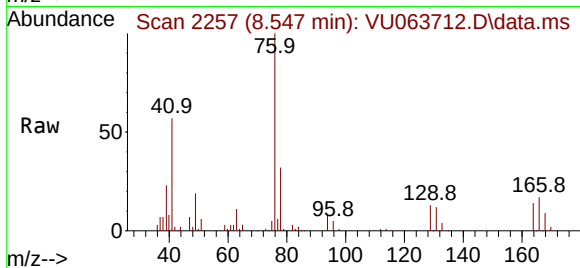
VU1112WBSD01

Tgt Ion: 76 Resp: 68278

Ion Ratio Lower Upper

76 100

78 32.8 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 66.717 ug/l

RT: 7.447 min Scan# 1915

Delta R.T. 0.006 min

Lab File: VU063712.D

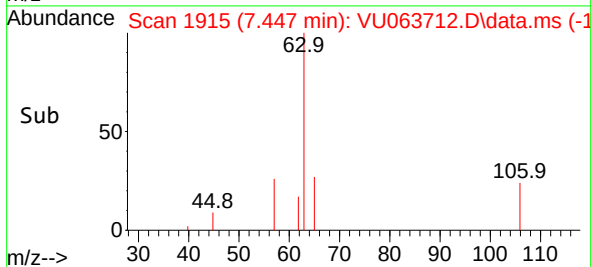
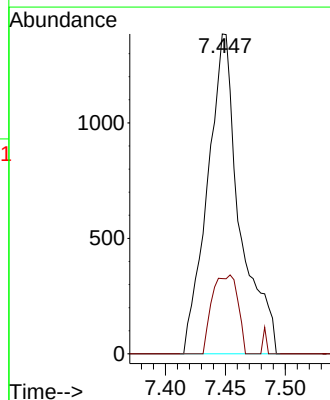
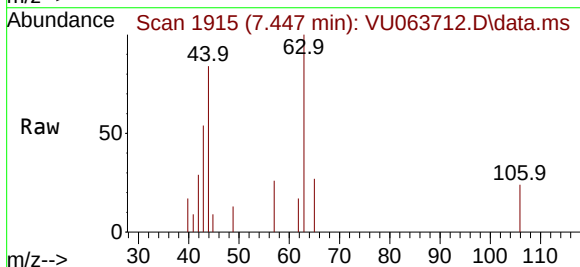
Acq: 12 Nov 2025 11:27

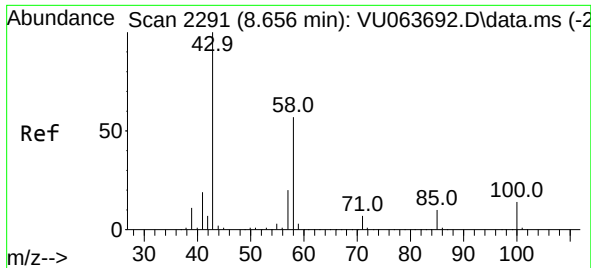
Tgt Ion: 63 Resp: 2591

Ion Ratio Lower Upper

63 100

106 19.6 15.8 23.8

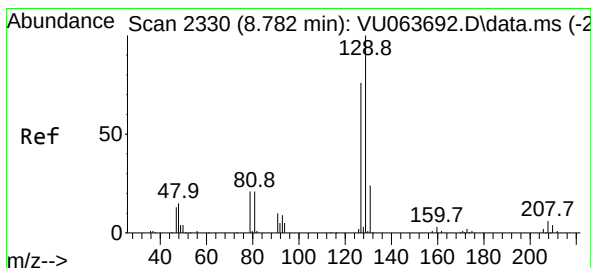
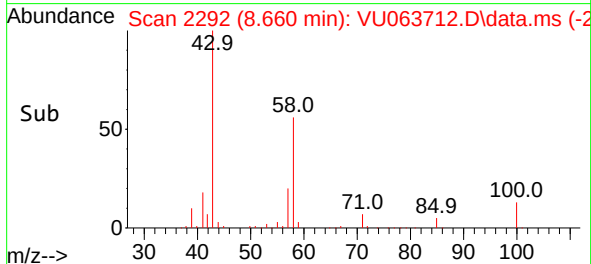
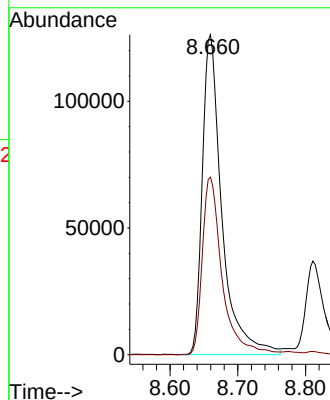
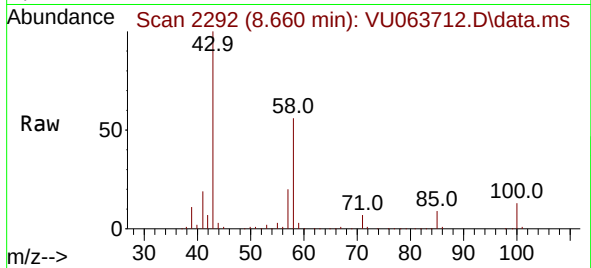




#59
2-Hexanone
Concen: 93.979 ug/l
RT: 8.660 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

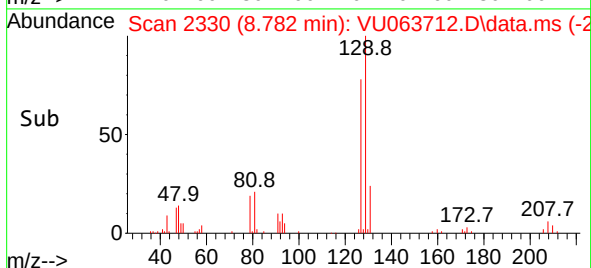
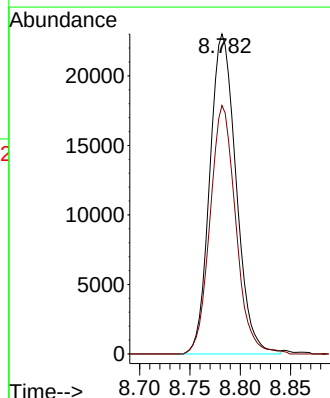
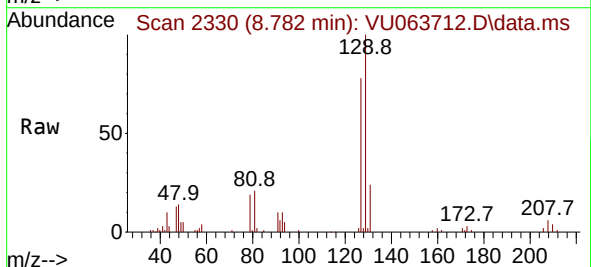
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

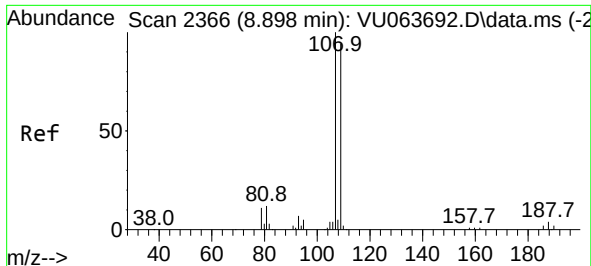
Tgt Ion: 43 Resp: 253195
Ion Ratio Lower Upper
43 100
58 56.1 28.4 85.3



#60
Dibromochloromethane
Concen: 18.301 ug/l
RT: 8.782 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 129 Resp: 41957
Ion Ratio Lower Upper
129 100
127 75.9 38.2 114.6

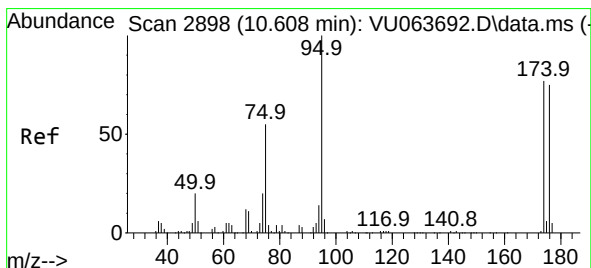
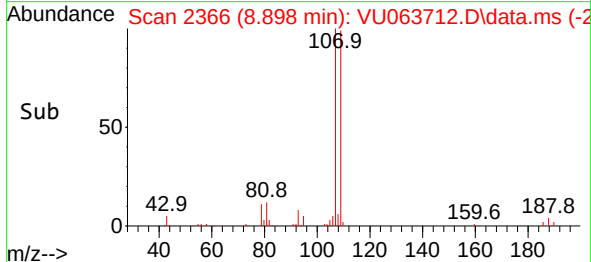
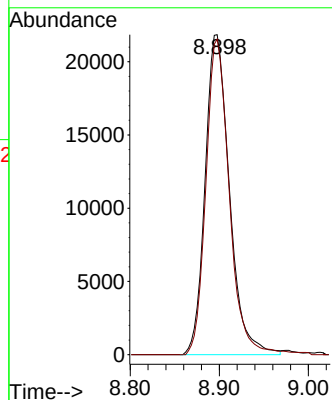
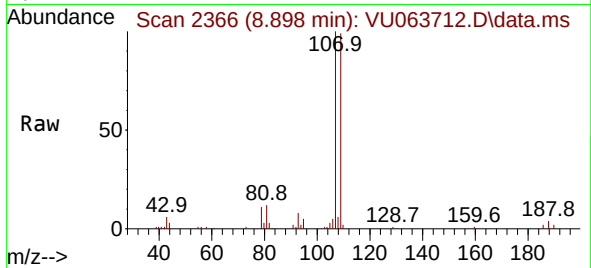




#61
1,2-Dibromoethane
Concen: 19.643 ug/l
RT: 8.898 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

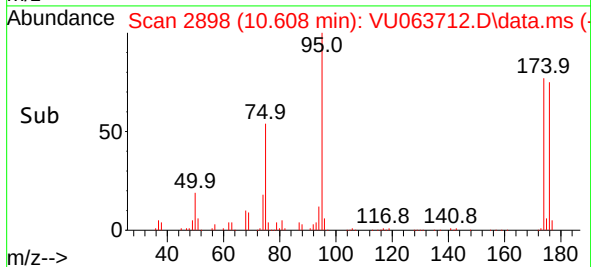
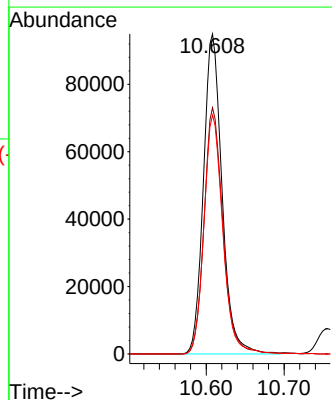
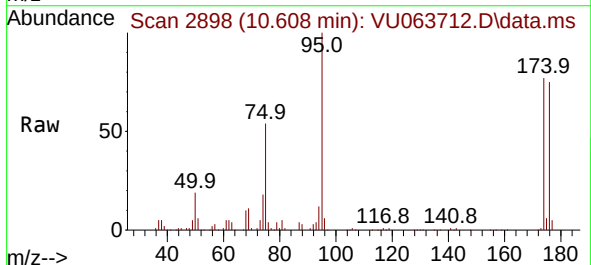
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

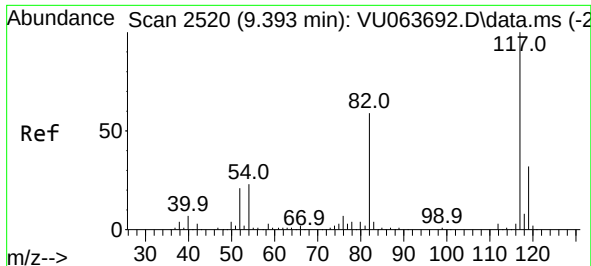
Tgt Ion:107 Resp: 41431
Ion Ratio Lower Upper
107 100
109 95.0 73.8 110.8



#62
4-Bromofluorobenzene
Concen: 47.347 ug/l
RT: 10.608 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 95 Resp: 157452
Ion Ratio Lower Upper
95 100
174 78.2 0.0 154.6
176 75.7 0.0 148.4

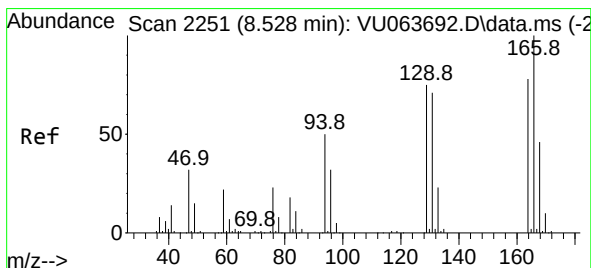
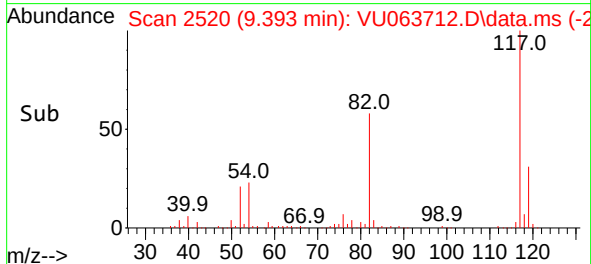
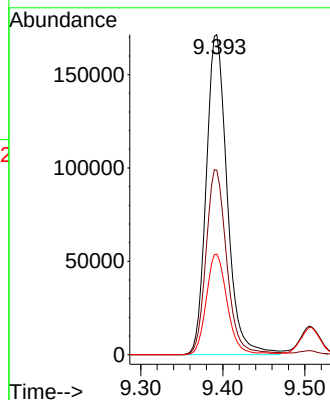
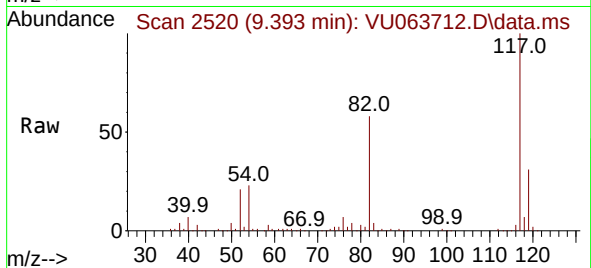




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.393 min Scan# 211
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

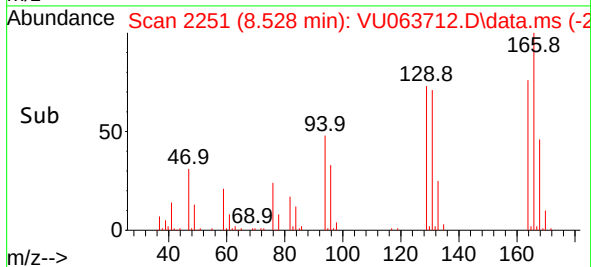
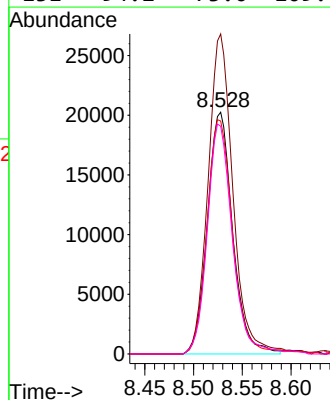
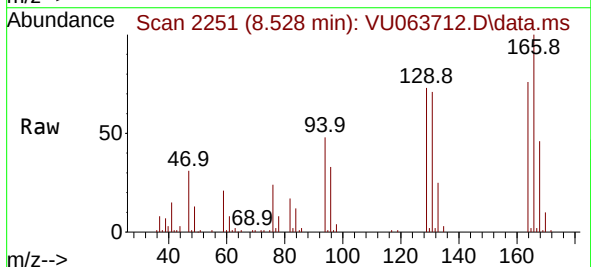
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

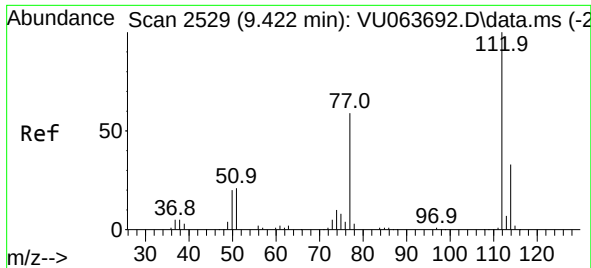
Tgt Ion:117 Resp: 303634
Ion Ratio Lower Upper
117 100
82 57.7 46.9 70.3
119 31.4 25.8 38.8



#64
Tetrachloroethene
Concen: 18.741 ug/l
RT: 8.528 min Scan# 2251
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion:164 Resp: 36712
Ion Ratio Lower Upper
164 100
166 132.4 102.5 153.7
129 96.4 77.1 115.7
131 94.2 73.0 109.6

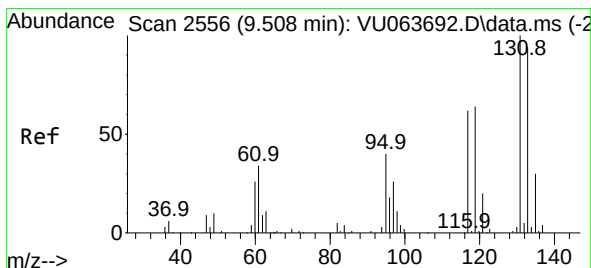
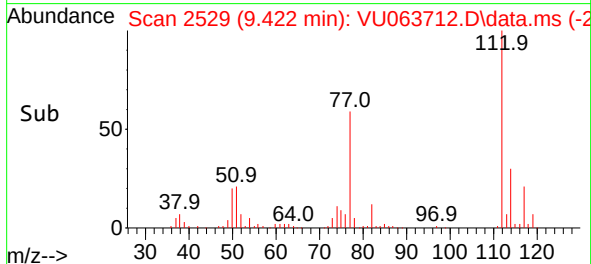
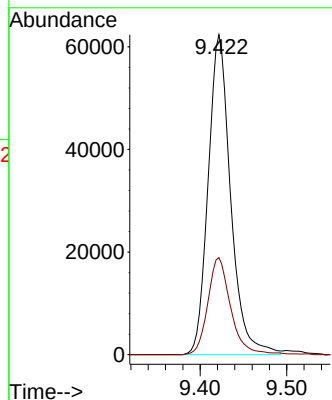
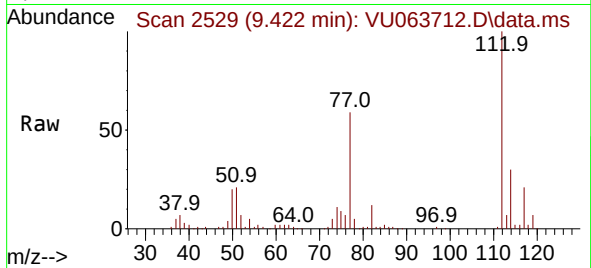




#65
Chlorobenzene
Concen: 18.956 ug/l
RT: 9.422 min Scan# 2529
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

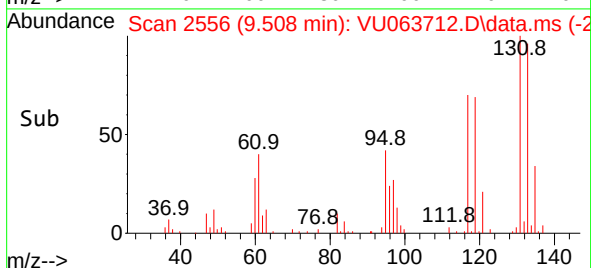
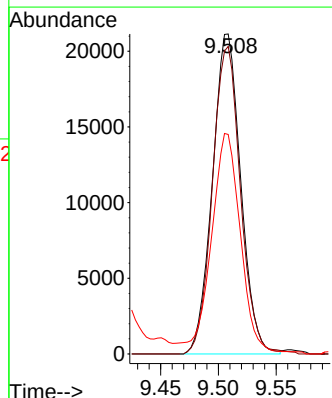
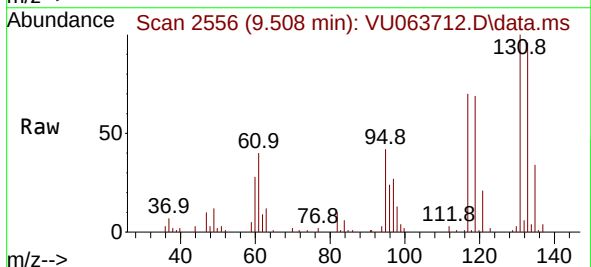
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

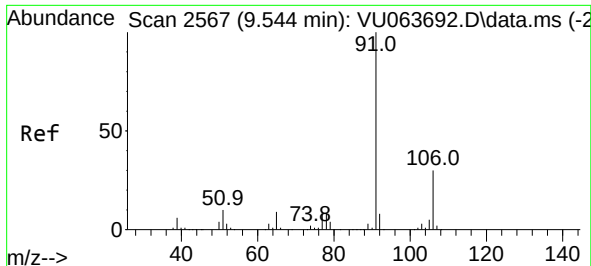
Tgt Ion:112 Resp: 112466
Ion Ratio Lower Upper
112 100
114 30.3 26.2 39.2



#66
1,1,1,2-Tetrachloroethane
Concen: 17.866 ug/l
RT: 9.508 min Scan# 2556
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion:131 Resp: 36053
Ion Ratio Lower Upper
131 100
133 95.5 47.5 142.5
119 70.8 33.3 99.8





#67

Ethyl Benzene

Concen: 18.703 ug/l

RT: 9.544 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

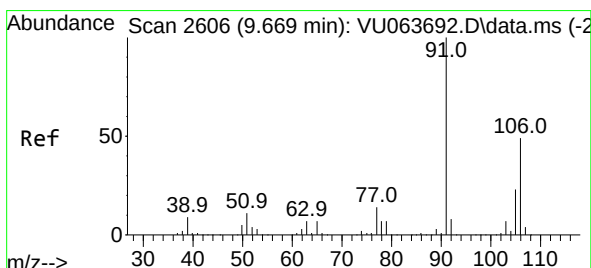
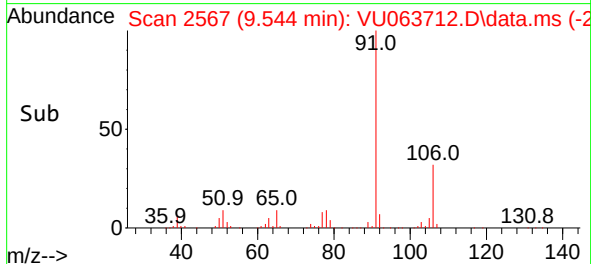
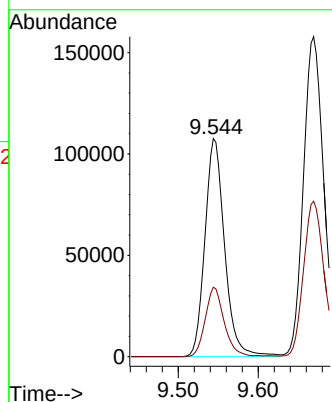
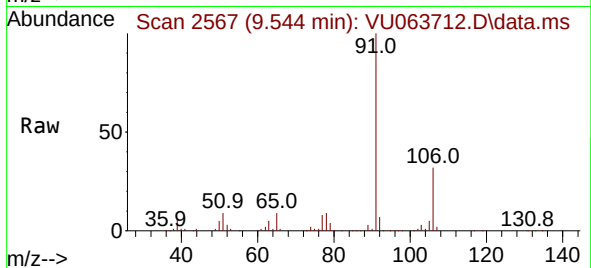
VU1112WBSD01

Tgt Ion: 91 Resp: 184822

Ion Ratio Lower Upper

91 100

106 31.8 23.8 35.8



#68

m/p-Xylenes

Concen: 37.682 ug/l

RT: 9.669 min Scan# 2606

Delta R.T. -0.000 min

Lab File: VU063712.D

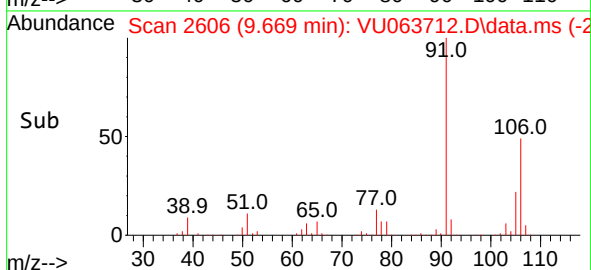
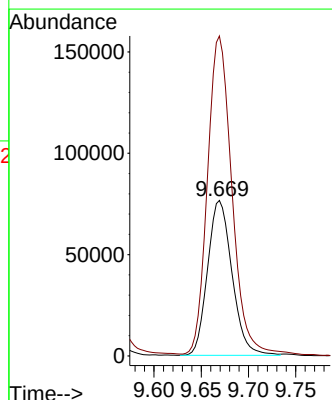
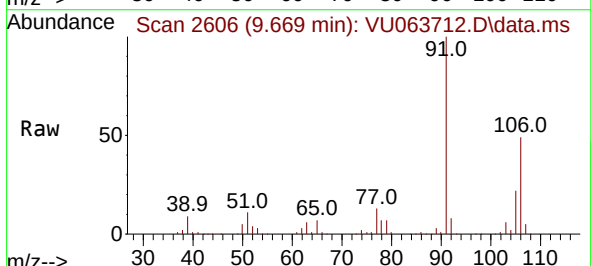
Acq: 12 Nov 2025 11:27

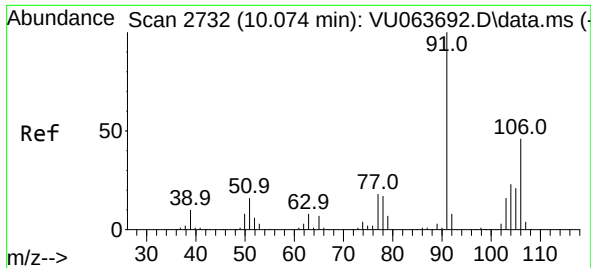
Tgt Ion:106 Resp: 137448

Ion Ratio Lower Upper

106 100

91 209.3 165.7 248.5

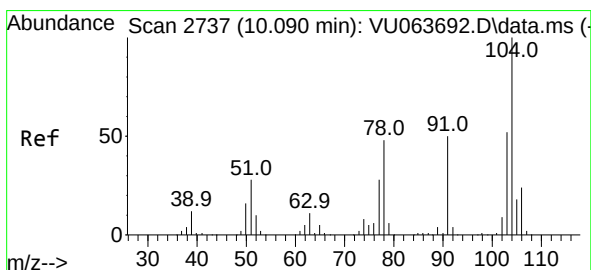
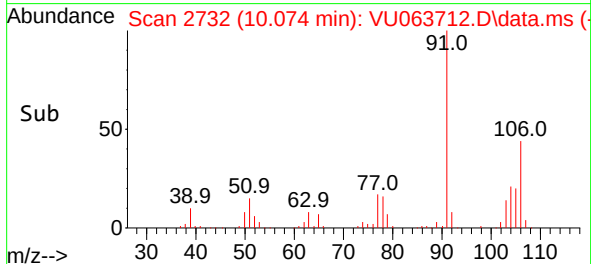
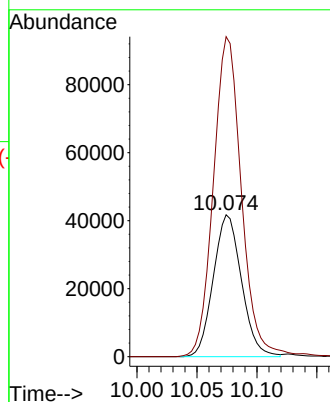
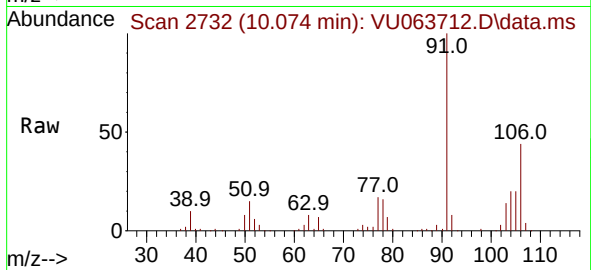




#69
o-Xylene
Concen: 18.096 ug/l
RT: 10.074 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

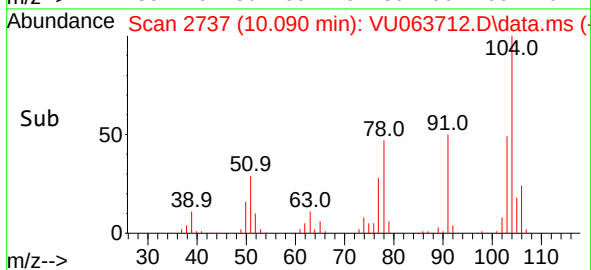
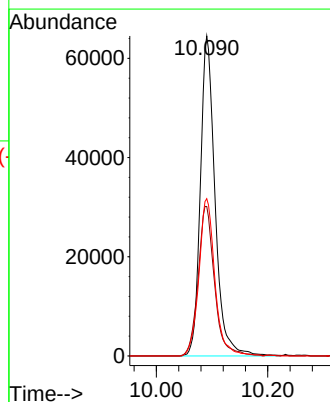
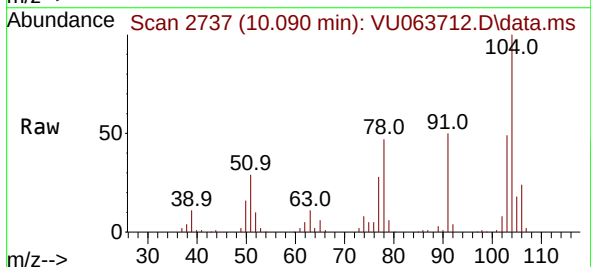
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

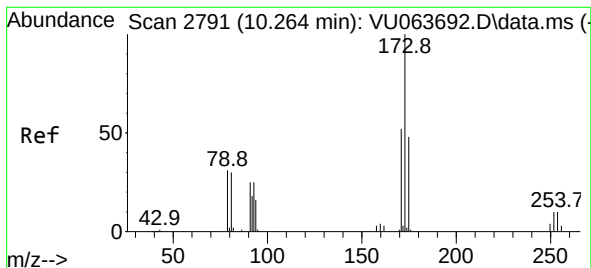
Tgt Ion:106 Resp: 68111
Ion Ratio Lower Upper
106 100
91 225.3 108.7 325.9



#70
Styrene
Concen: 19.568 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion:104 Resp: 118302
Ion Ratio Lower Upper
104 100
78 52.2 42.7 64.1
103 53.5 44.0 66.0





#71

Bromoform

Concen: 17.096 ug/l

RT: 10.264 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

VU1112WBSD01

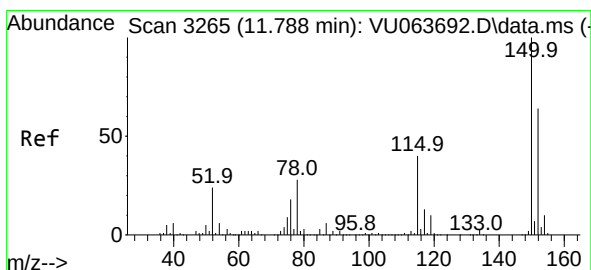
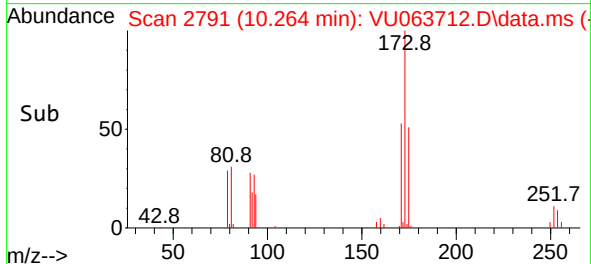
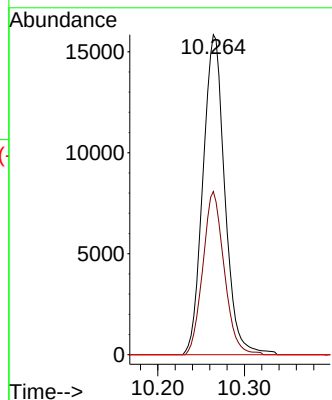
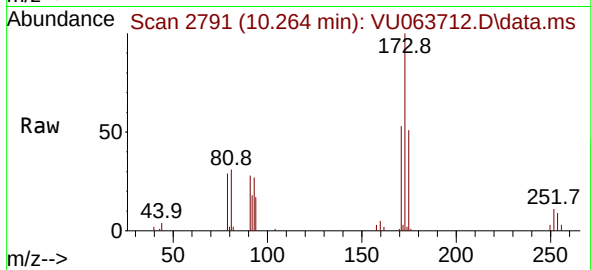
Tgt Ion:173 Resp: 27781

Ion Ratio Lower Upper

173 100

175 49.8 24.1 72.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.785 min Scan# 3264

Delta R.T. -0.003 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

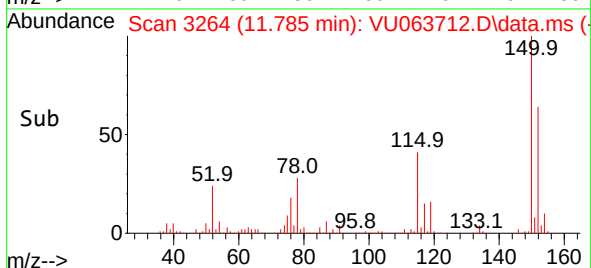
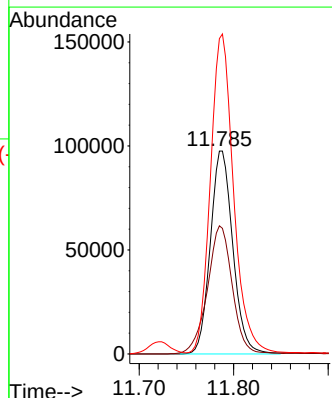
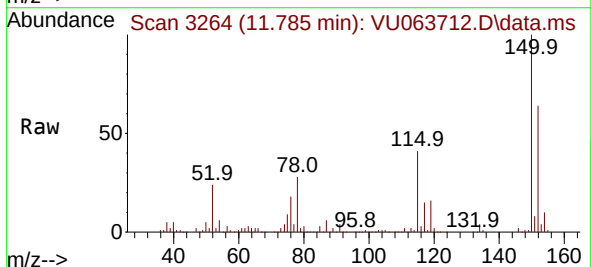
Tgt Ion:152 Resp: 161538

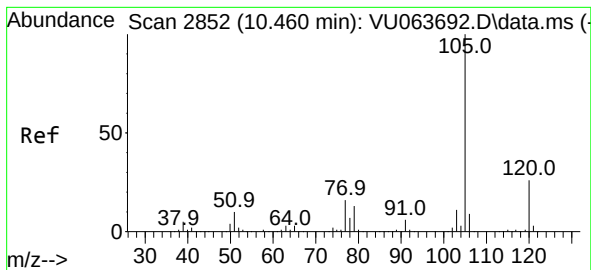
Ion Ratio Lower Upper

152 100

115 69.6 41.0 123.0

150 161.6 0.0 342.2





#73

Isopropylbenzene

Concen: 18.736 ug/l

RT: 10.457 min Scan# 2851

Delta R.T. -0.003 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

Instrument :

MSVOA_U

ClientSampleId :

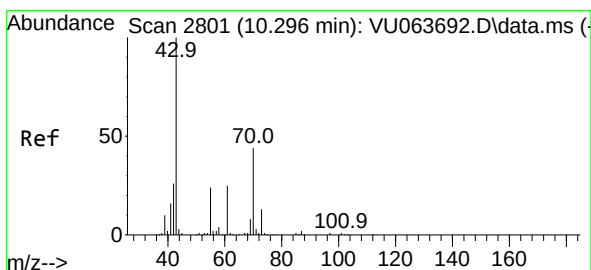
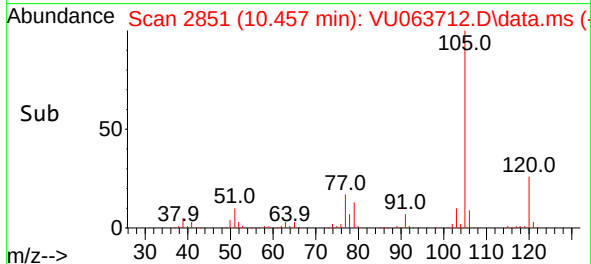
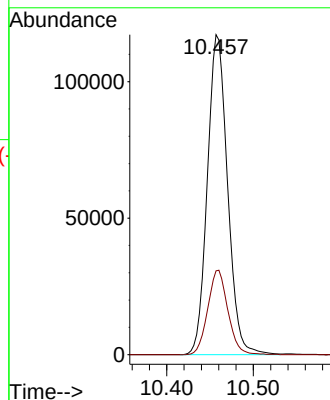
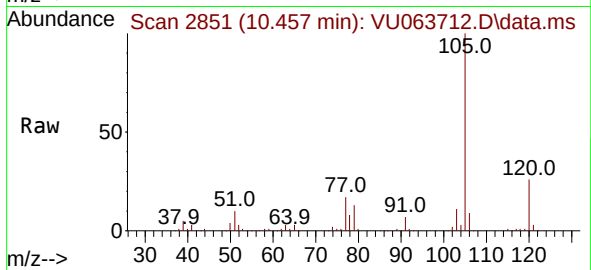
VU1112WBSD01

Tgt Ion:105 Resp: 190146

Ion Ratio Lower Upper

105 100

120 26.3 13.0 38.9



#74

N-ethyl acetate

Concen: 17.484 ug/l

RT: 10.303 min Scan# 2803

Delta R.T. 0.006 min

Lab File: VU063712.D

Acq: 12 Nov 2025 11:27

Tgt Ion: 43 Resp: 61822

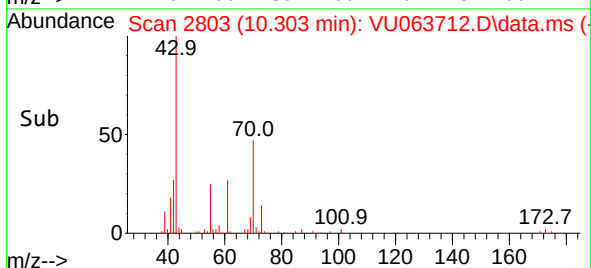
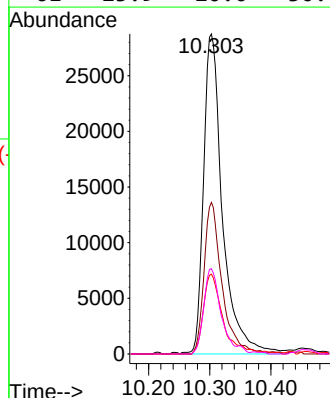
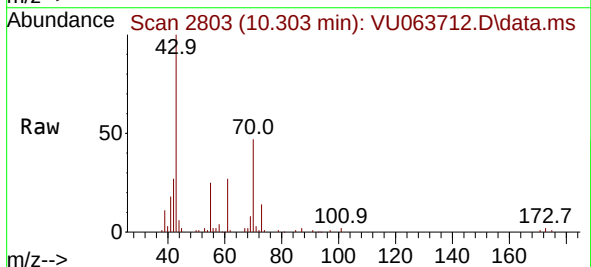
Ion Ratio Lower Upper

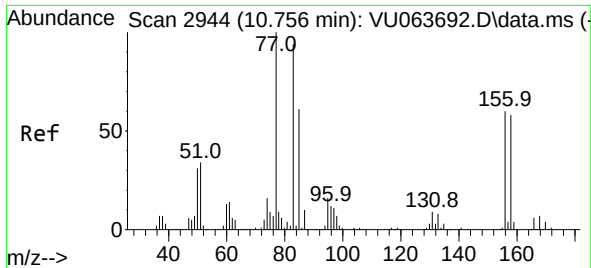
43 100

70 44.8 36.5 54.7

55 25.8 20.6 30.8

61 23.9 20.0 30.0

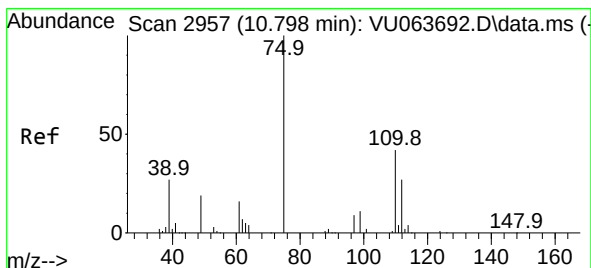
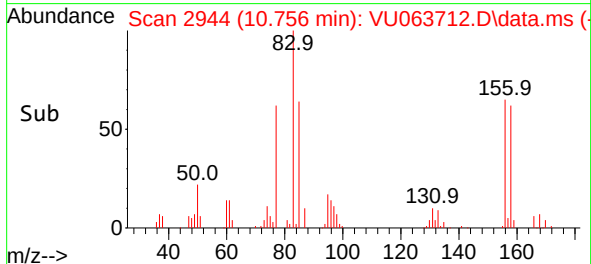
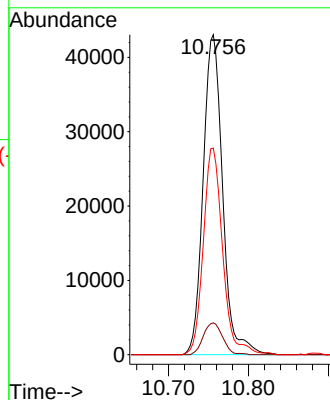
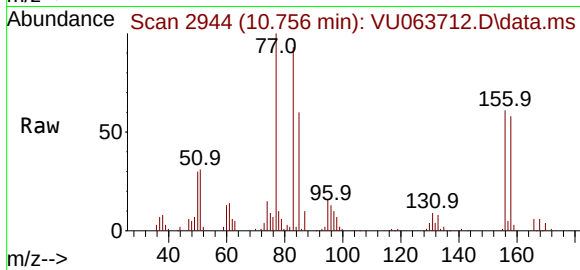




#75
 1,1,2,2-Tetrachloroethane
 Concen: 18.740 ug/l
 RT: 10.756 min Scan# 2944
 Delta R.T. -0.000 min
 Lab File: VU063712.D
 Acq: 12 Nov 2025 11:27

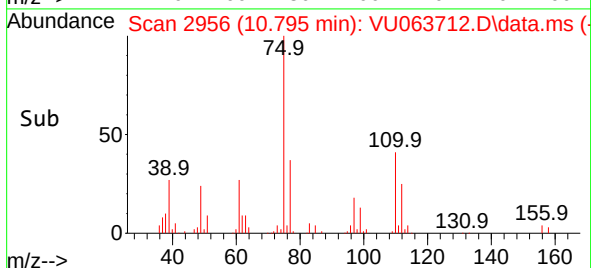
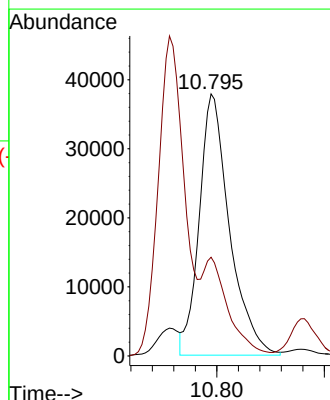
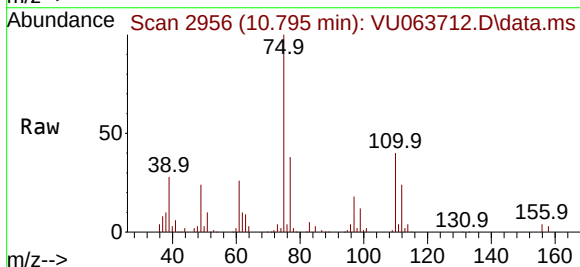
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBSD01

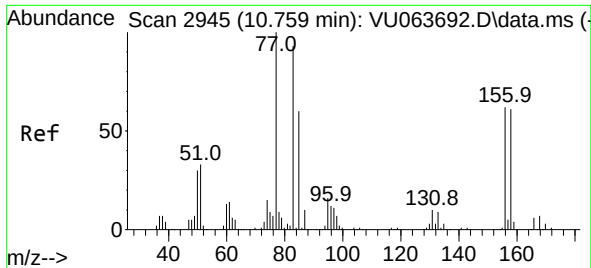
Tgt Ion: 83 Resp: 73037
 Ion Ratio Lower Upper
 83 100
 131 9.9 4.8 14.4
 85 63.9 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 18.144 ug/l
 RT: 10.795 min Scan# 2956
 Delta R.T. -0.003 min
 Lab File: VU063712.D
 Acq: 12 Nov 2025 11:27

Tgt Ion: 75 Resp: 73859
 Ion Ratio Lower Upper
 75 100
 77 30.2 0.0 0.0#

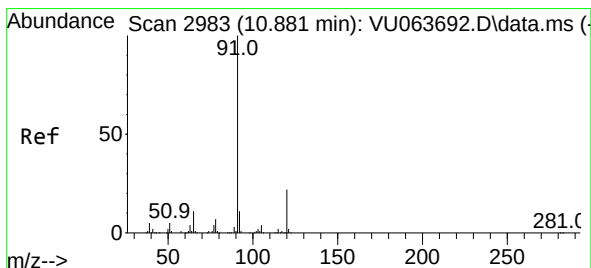
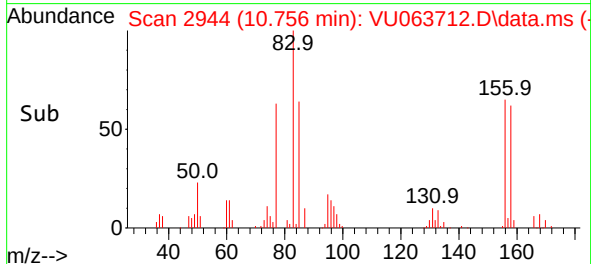
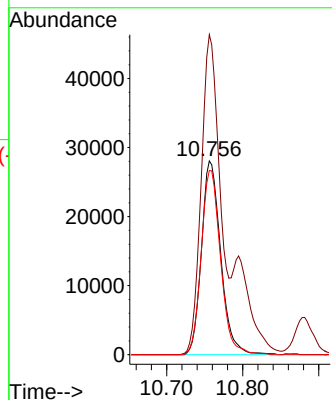
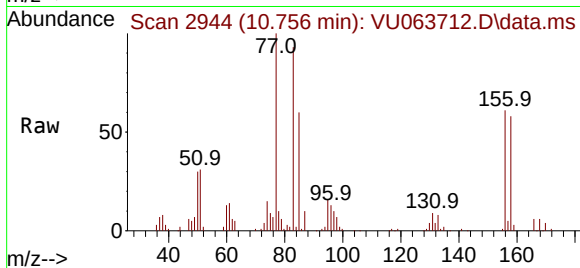




#77
Bromobenzene
Concen: 19.320 ug/l
RT: 10.756 min Scan# 2944
Delta R.T. -0.003 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

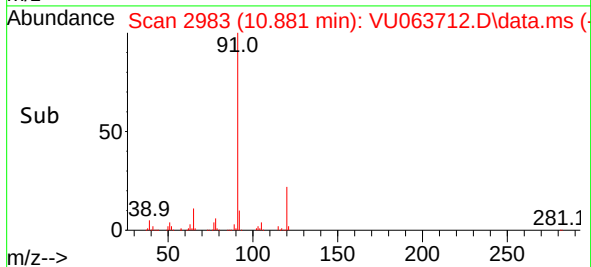
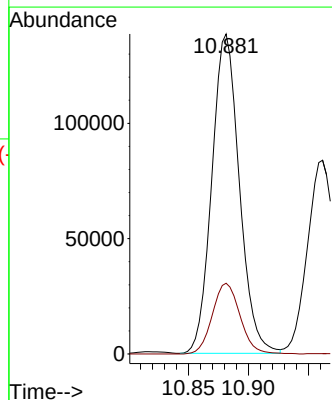
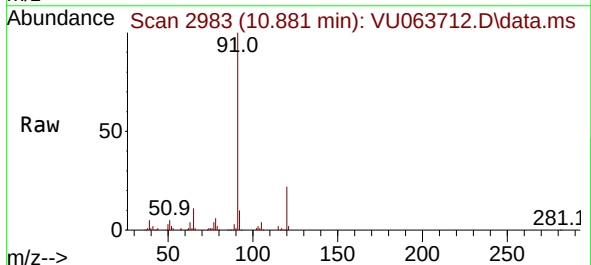
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

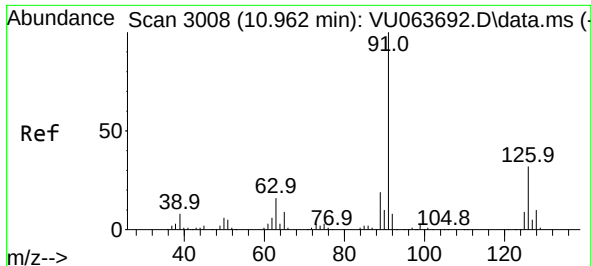
Tgt Ion:156 Resp: 49332
Ion Ratio Lower Upper
156 100
77 157.9 81.4 244.2
158 95.5 48.8 146.3



#78
n-propylbenzene
Concen: 18.992 ug/l
RT: 10.881 min Scan# 2983
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 91 Resp: 221108
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.6

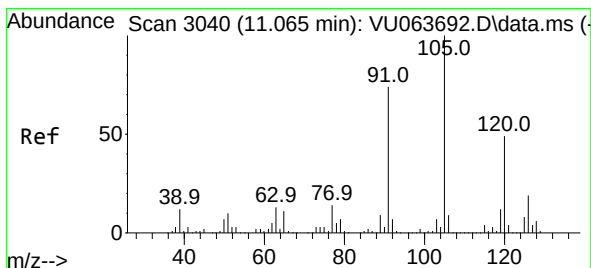
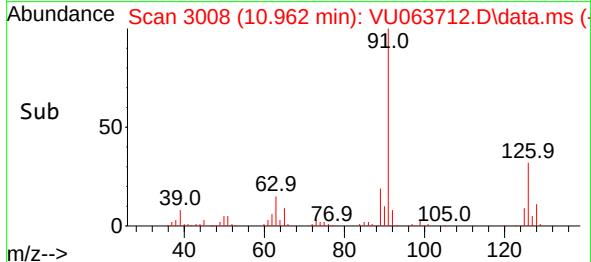
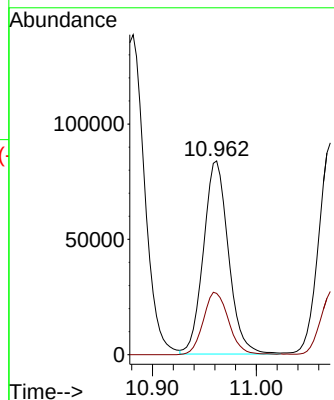
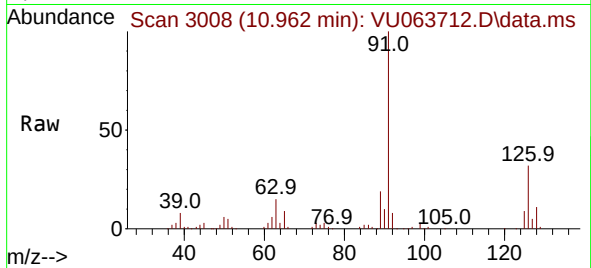




#79
2-Chlorotoluene
Concen: 18.621 ug/l
RT: 10.962 min Scan# 3008
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

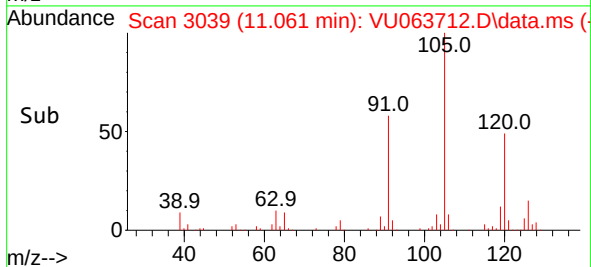
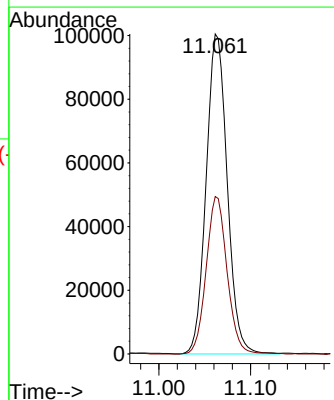
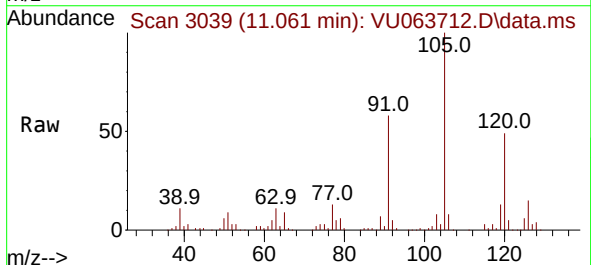
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

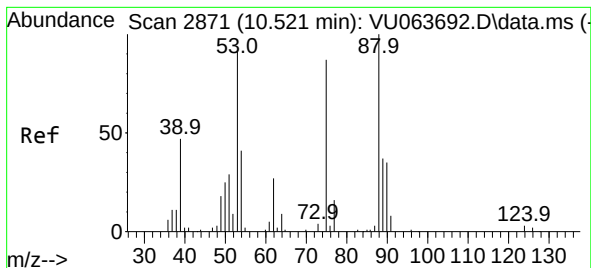
Tgt Ion: 91 Resp: 140132
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 18.834 ug/l
RT: 11.061 min Scan# 3039
Delta R.T. -0.003 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 105 Resp: 160274
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.2

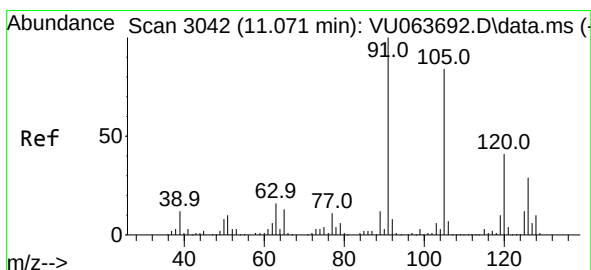
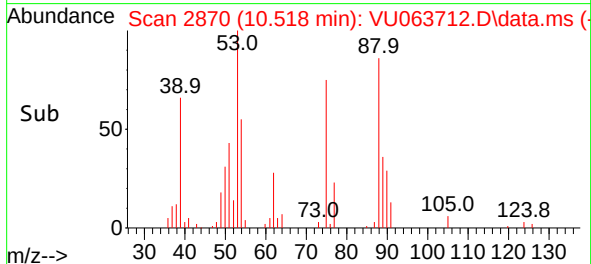
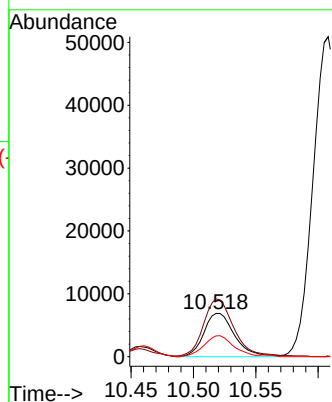
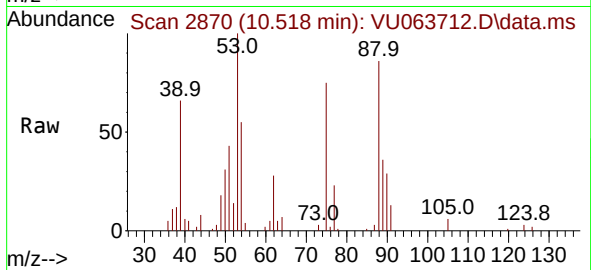




#81
trans-1,4-Dichloro-2-butene
Concen: 15.457 ug/l
RT: 10.518 min Scan# 2870
Delta R.T. -0.003 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

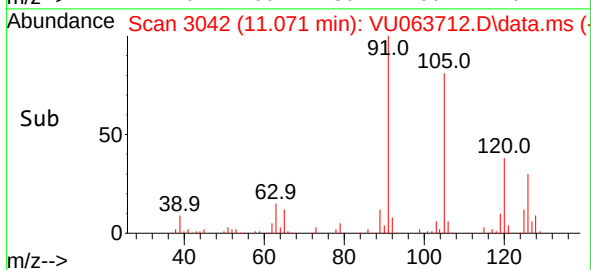
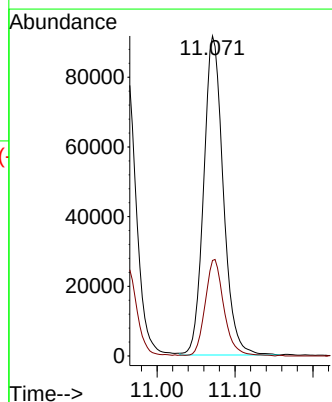
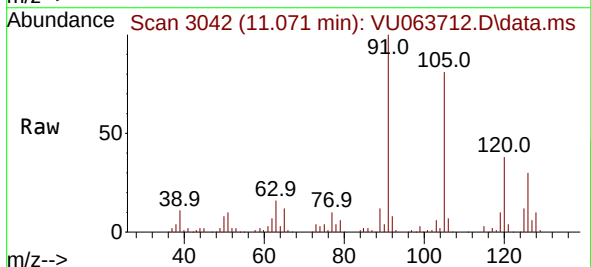
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

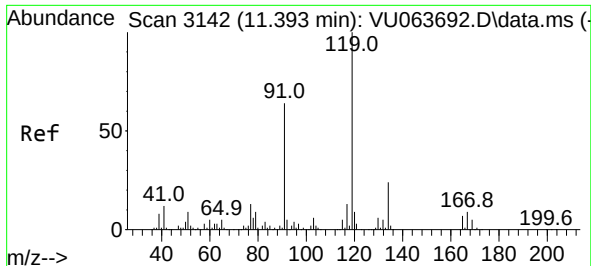
Tgt Ion: 75 Resp: 11811
Ion Ratio Lower Upper
75 100
53 133.3 86.5 129.7#
89 46.2 35.2 52.8



#82
4-Chlorotoluene
Concen: 18.681 ug/l
RT: 11.071 min Scan# 3042
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 91 Resp: 159750
Ion Ratio Lower Upper
91 100
126 29.2 14.2 42.8

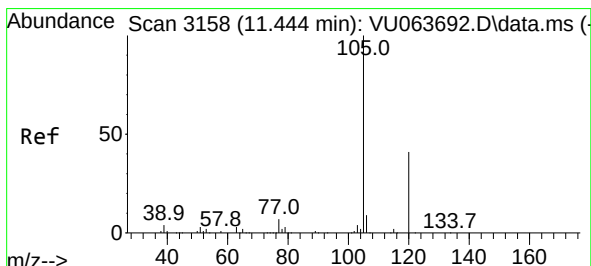
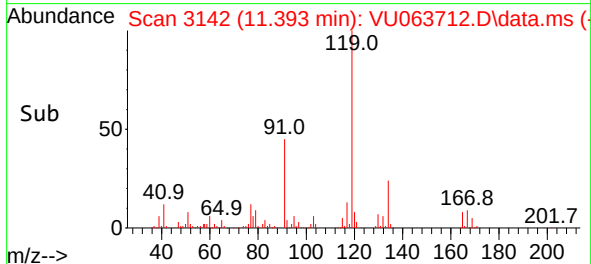
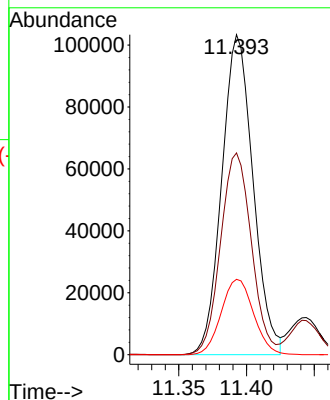
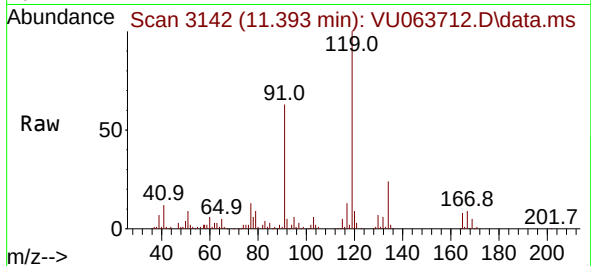




#83
tert-Butylbenzene
Concen: 18.719 ug/l
RT: 11.393 min Scan# 3142
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

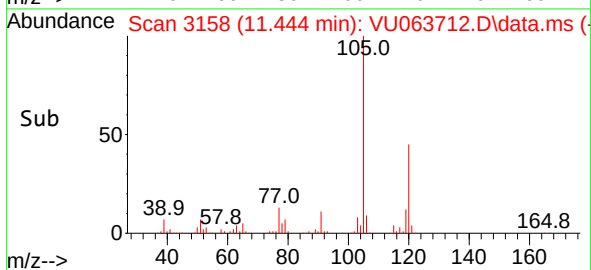
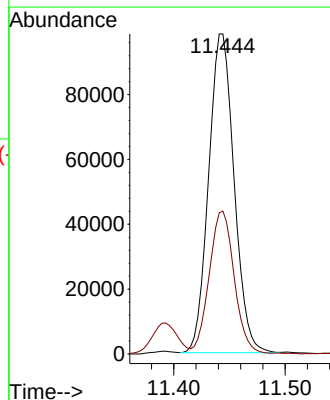
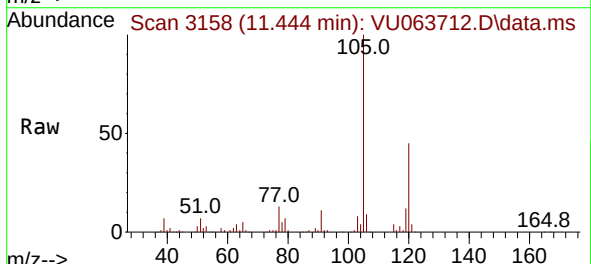
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

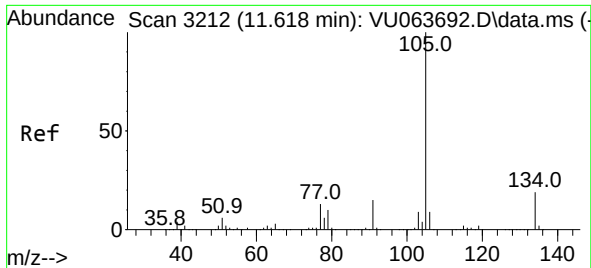
Tgt Ion:119 Resp: 165930
Ion Ratio Lower Upper
119 100
91 62.1 30.8 92.3
134 24.4 11.9 35.5



#84
1,2,4-Trimethylbenzene
Concen: 18.698 ug/l
RT: 11.444 min Scan# 3158
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion:105 Resp: 156147
Ion Ratio Lower Upper
105 100
120 43.5 22.4 67.3

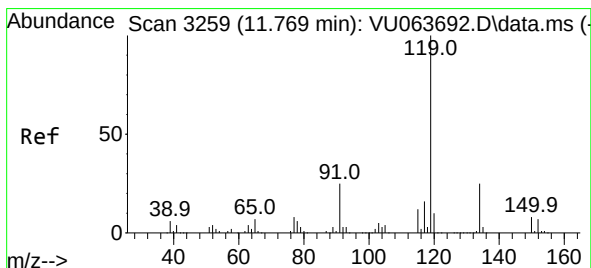
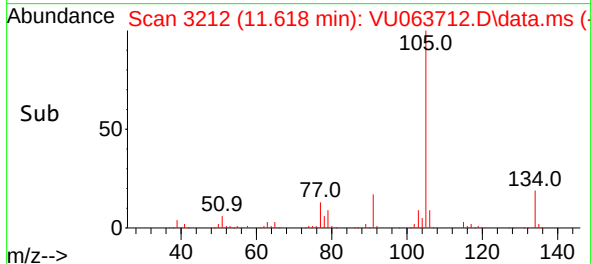
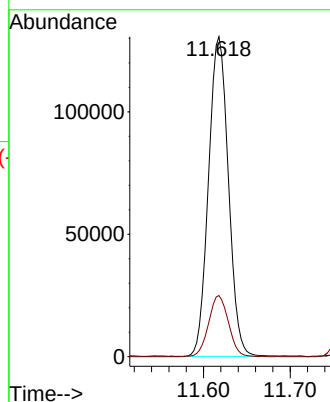
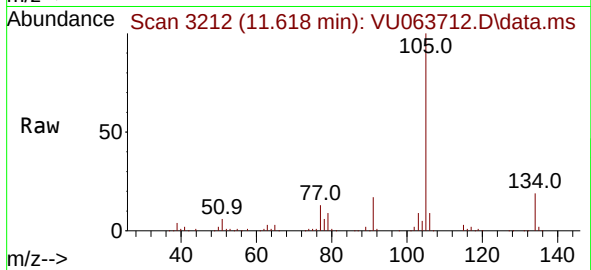




#85
 sec-Butylbenzene
 Concen: 18.571 ug/l
 RT: 11.618 min Scan# 3212
 Delta R.T. -0.000 min
 Lab File: VU063712.D
 Acq: 12 Nov 2025 11:27

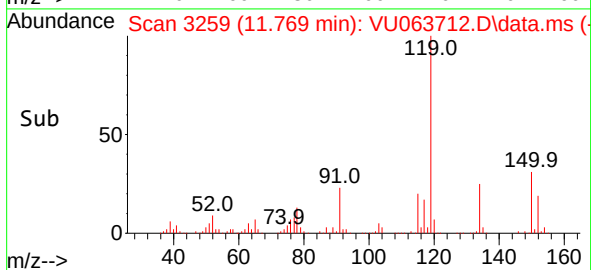
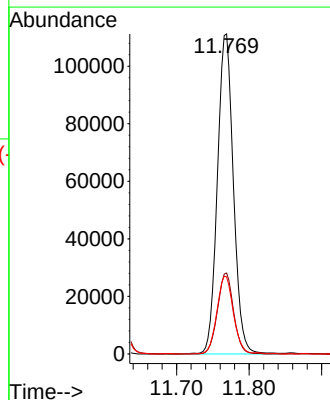
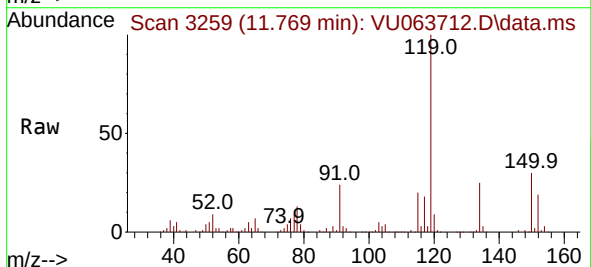
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBSD01

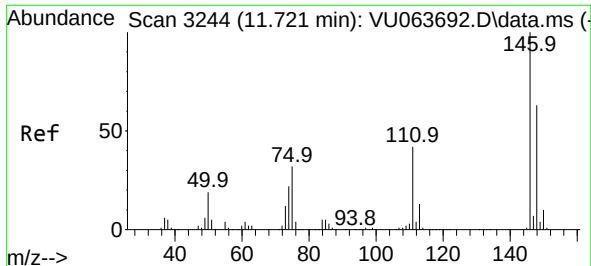
Tgt Ion:105 Resp: 207947
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 18.968 ug/l
 RT: 11.769 min Scan# 3259
 Delta R.T. -0.000 min
 Lab File: VU063712.D
 Acq: 12 Nov 2025 11:27

Tgt Ion:119 Resp: 170502
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.6
 91 25.2 12.6 37.8

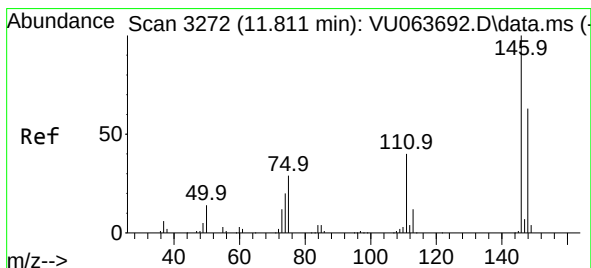
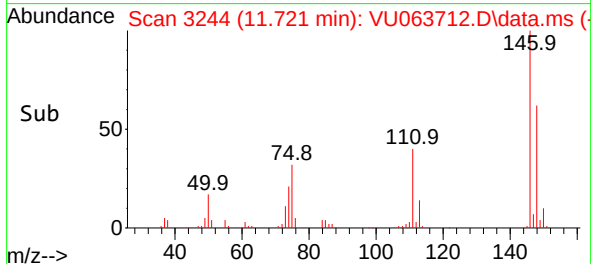
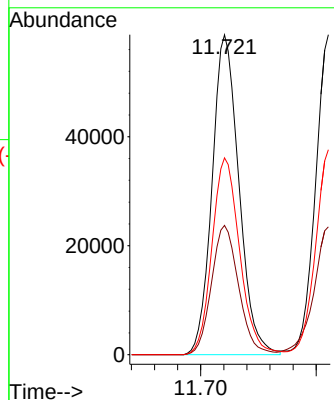
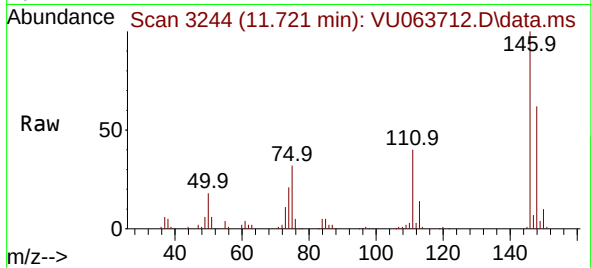




#87
 1,3-Dichlorobenzene
 Concen: 19.747 ug/l
 RT: 11.721 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VU063712.D
 Acq: 12 Nov 2025 11:27

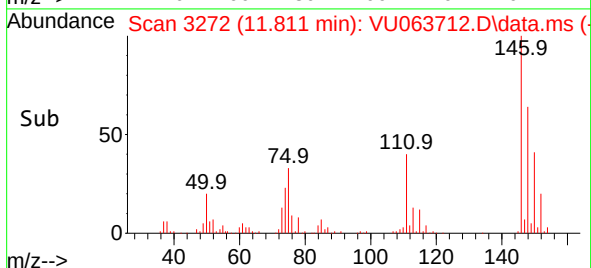
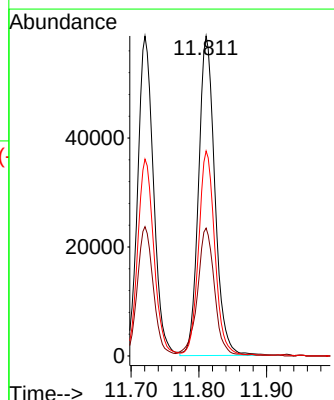
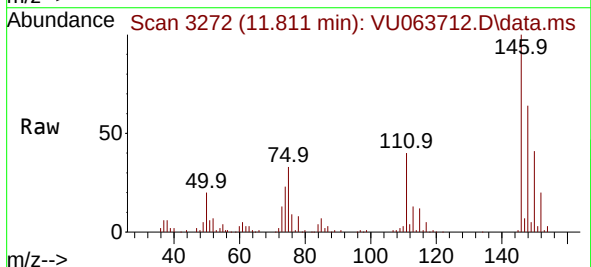
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBSD01

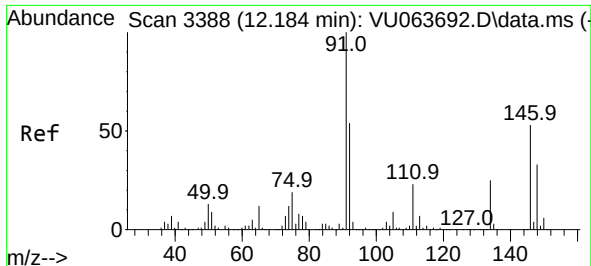
Tgt Ion:146 Resp: 94731
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.6 61.8
 148 63.6 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 19.573 ug/l
 RT: 11.811 min Scan# 3272
 Delta R.T. -0.000 min
 Lab File: VU063712.D
 Acq: 12 Nov 2025 11:27

Tgt Ion:146 Resp: 98240
 Ion Ratio Lower Upper
 146 100
 111 41.7 20.4 61.3
 148 63.1 31.4 94.3

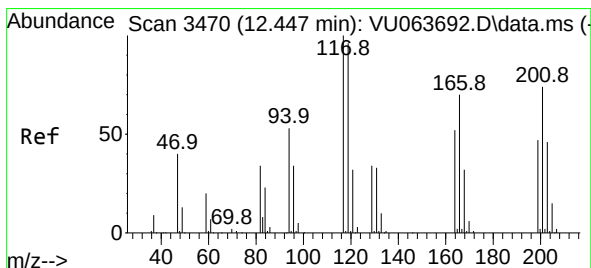
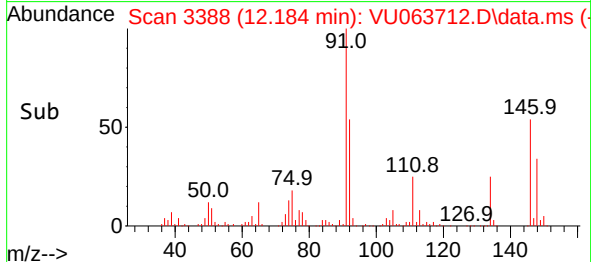
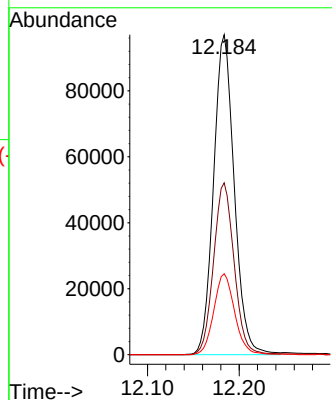
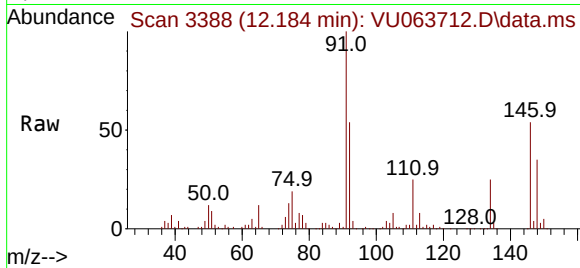




#89
n-Butylbenzene
Concen: 18.431 ug/l
RT: 12.184 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

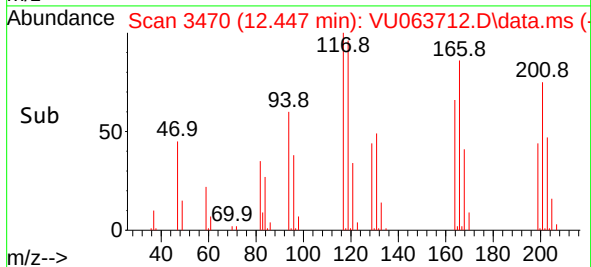
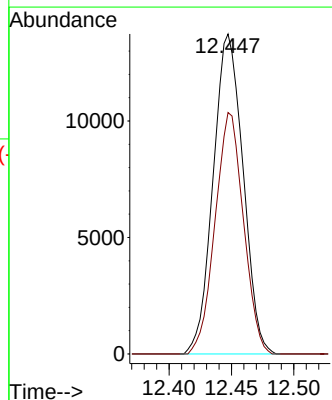
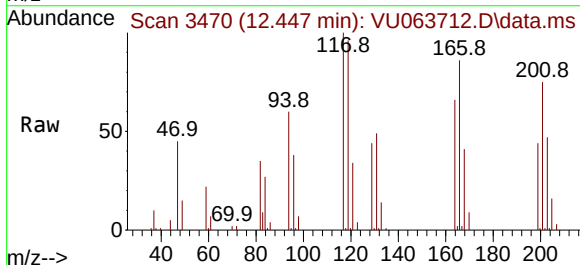
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

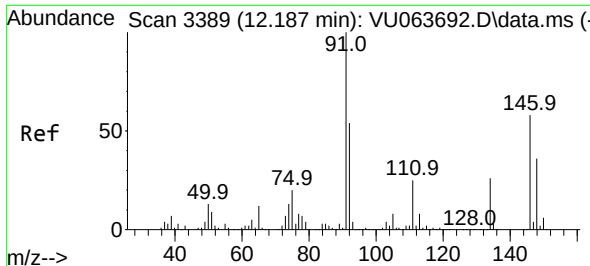
Tgt Ion: 91 Resp: 152149
Ion Ratio Lower Upper
91 100
92 53.4 27.0 81.0
134 25.5 12.4 37.4



#90
Hexachloroethane
Concen: 16.727 ug/l
RT: 12.447 min Scan# 3470
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion: 117 Resp: 22937
Ion Ratio Lower Upper
117 100
201 71.6 36.6 109.8

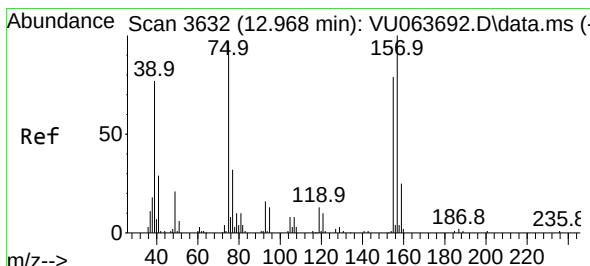
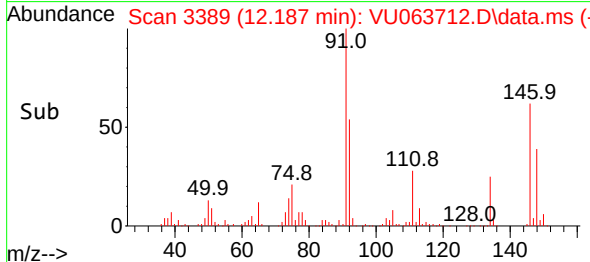
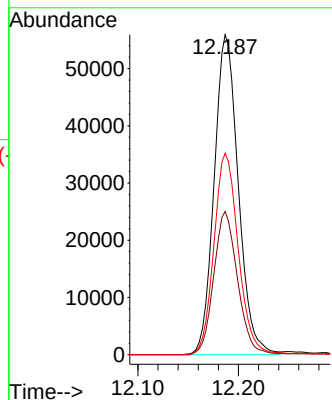
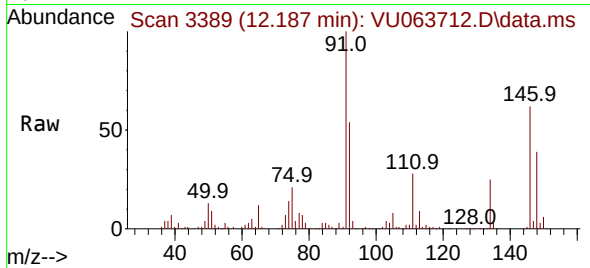




#91
 1,2-Dichlorobenzene
 Concen: 19.463 ug/l
 RT: 12.187 min Scan# 3389
 Delta R.T. -0.000 min
 Lab File: VU063712.D
 Acq: 12 Nov 2025 11:27

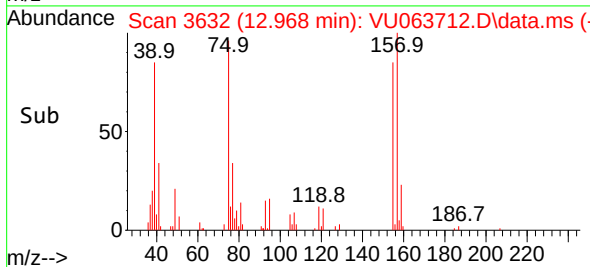
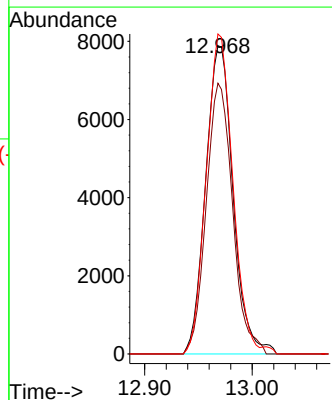
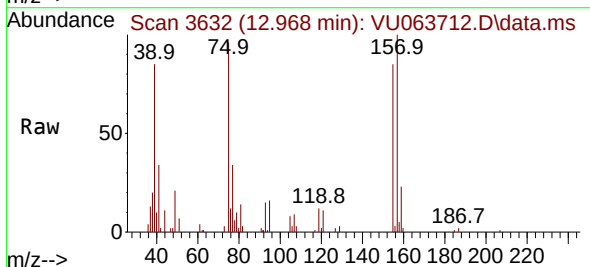
Instrument :
 MSVOA_U
 ClientSampleId :
 VU1112WBSD01

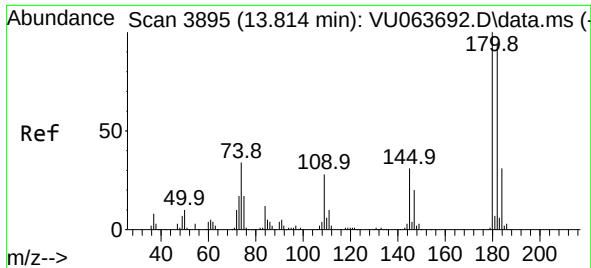
Tgt Ion:146 Resp: 93224
 Ion Ratio Lower Upper
 146 100
 111 44.2 21.8 65.3
 148 63.6 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.530 ug/l
 RT: 12.968 min Scan# 3632
 Delta R.T. -0.000 min
 Lab File: VU063712.D
 Acq: 12 Nov 2025 11:27

Tgt Ion: 75 Resp: 13999
 Ion Ratio Lower Upper
 75 100
 155 84.6 40.5 121.4
 157 100.8 50.4 151.3

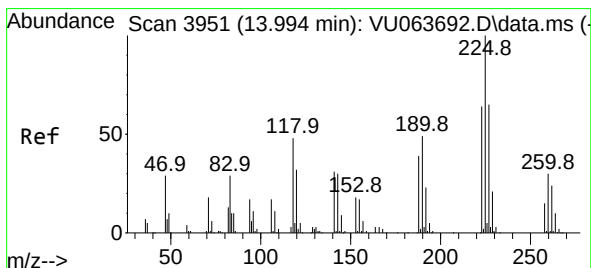
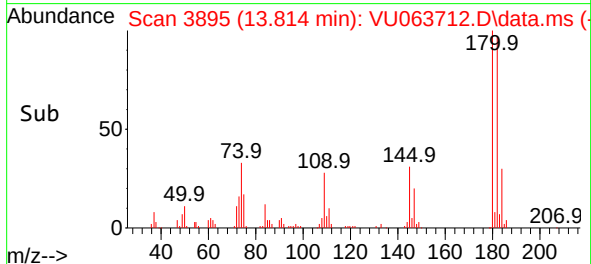
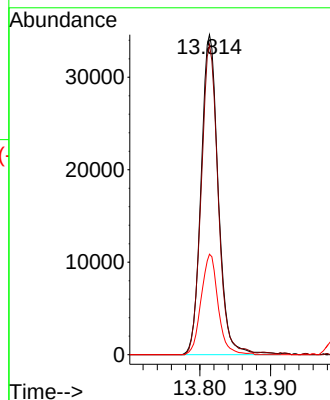
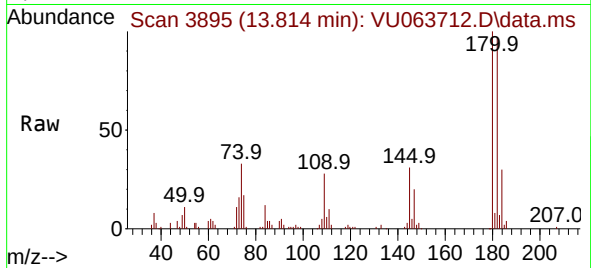




#93
1,2,4-Trichlorobenzene
Concen: 19.067 ug/l
RT: 13.814 min Scan# 3895
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

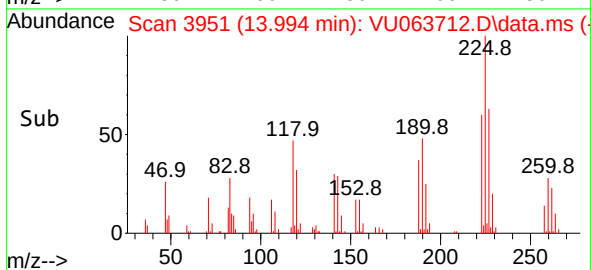
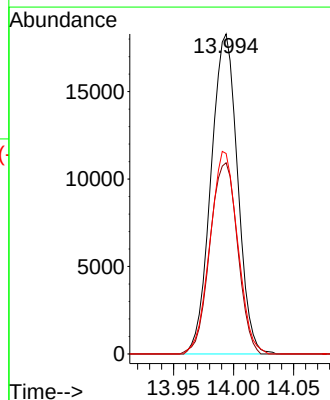
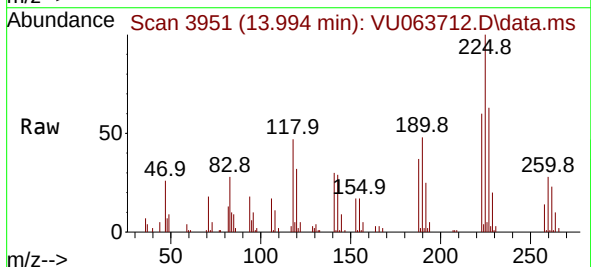
Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

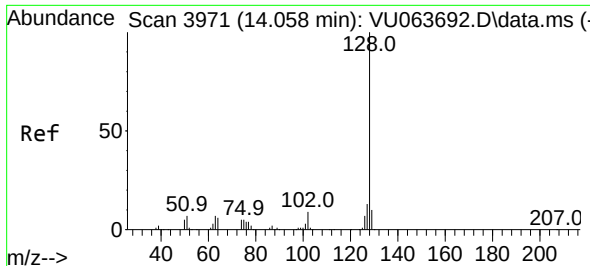
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.6	142.9
145	31.0	15.9	47.6



#94
Hexachlorobutadiene
Concen: 18.314 ug/l
RT: 13.994 min Scan# 3951
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	31.6	94.8
227	65.4	32.4	97.0

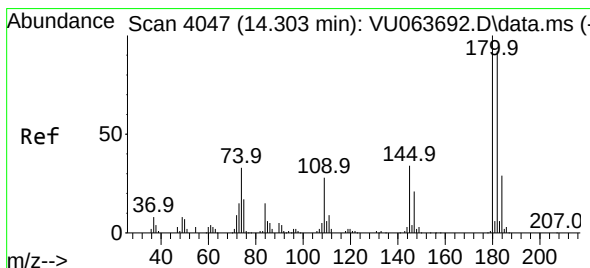
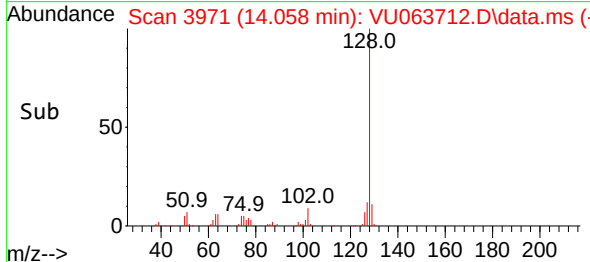
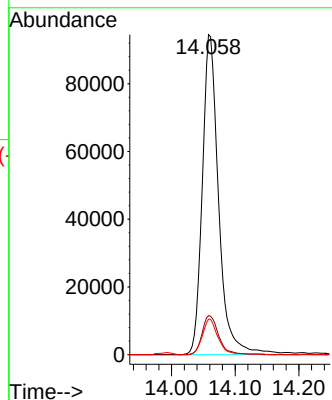
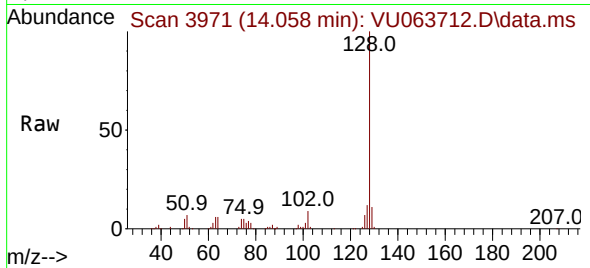




#95
Naphthalene
Concen: 20.343 ug/l
RT: 14.058 min Scan# 3971
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Instrument :
MSVOA_U
ClientSampleId :
VU1112WBSD01

Tgt Ion:128 Resp: 168284
Ion Ratio Lower Upper
128 100
127 12.5 9.9 14.9
129 10.8 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 19.299 ug/l
RT: 14.302 min Scan# 4047
Delta R.T. -0.000 min
Lab File: VU063712.D
Acq: 12 Nov 2025 11:27

Tgt Ion:180 Resp: 54789
Ion Ratio Lower Upper
180 100
182 97.2 47.3 142.0
145 34.3 16.6 49.7

