

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063492.D
 Acq On : 11 Jul 2025 12:51
 Operator : MD/SY
 Sample : VU0711WBS02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS02

Quant Time: Jul 12 03:52:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	107957	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	190807	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	178690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	96689	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	77587	56.328	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 112.660%	
35) Dibromofluoromethane	5.277	113	61028	53.061	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.120%	
50) Toluene-d8	7.888	98	196066	52.296	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.600%	
62) 4-Bromofluorobenzene	10.624	95	88539	53.991	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.383	85	14517	16.908	ug/l	99
3) Chloromethane	1.518	50	17408	16.646	ug/l	98
4) Vinyl Chloride	1.599	62	21360	18.420	ug/l	97
5) Bromomethane	1.846	94	17426	21.449	ug/l	95
6) Chloroethane	1.924	64	14526	17.289	ug/l	97
7) Trichlorofluoromethane	2.129	101	36961	19.758	ug/l	99
8) Diethyl Ether	2.370	74	15181	19.472	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.570	101	21073	19.045	ug/l	97
10) Methyl Iodide	2.708	142	19928	17.242	ug/l	97
11) Tert butyl alcohol	3.197	59	53609	116.081	ug/l	99
12) 1,1-Dichloroethene	2.570	96	19345	18.782	ug/l	99
13) Acrolein	2.480	56	6388	97.997	ug/l #	81
14) Allyl chloride	2.907	41	47777	19.487	ug/l	98
15) Acrylonitrile	3.306	53	115101	116.355	ug/l	99
16) Acetone	2.621	43	108876	94.229	ug/l	100
17) Carbon Disulfide	2.776	76	38750	15.738	ug/l	99
18) Methyl Acetate	2.943	43	69168	23.261	ug/l	99
19) Methyl tert-butyl Ether	3.361	73	89742	20.203	ug/l	100
20) Methylene Chloride	3.030	84	26169	15.533	ug/l	95
21) trans-1,2-Dichloroethene	3.332	96	20858	18.849	ug/l	95
22) Diisopropyl ether	3.991	45	80626	19.314	ug/l	95
23) Vinyl Acetate	3.949	43	312631	96.515	ug/l	98
24) 1,1-Dichloroethane	3.849	63	46772	19.742	ug/l	98
25) 2-Butanone	4.708	43	136691	105.382	ug/l	100
26) 2,2-Dichloropropane	4.644	77	38237	18.551	ug/l	98
27) cis-1,2-Dichloroethene	4.650	96	28826	19.735	ug/l	97
28) Bromochloromethane	4.959	49	24682	22.178	ug/l	95
29) Tetrahydrofuran	5.055	42	89841	109.800	ug/l	96
30) Chloroform	5.075	83	49352	19.730	ug/l	100
31) Cyclohexane	5.367	56	35042	18.399	ug/l	95
32) 1,1,1-Trichloroethane	5.296	97	42435	19.924	ug/l	97
36) 1,1-Dichloropropene	5.512	75	28740	18.390	ug/l	98
37) Ethyl Acetate	4.811	43	45891	18.132	ug/l	98
38) Carbon Tetrachloride	5.509	117	31620	18.363	ug/l	98
39) Methylcyclohexane	6.750	83	32467	17.194	ug/l	97
40) Benzene	5.763	78	94584	19.379	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.975	41	24304	20.351	ug/l	99
42) 1,2-Dichloroethane	5.785	62	38250	20.842	ug/l	98
43) Isopropyl Acetate	5.914	43	65093	19.362	ug/l	98
44) Trichloroethene	6.531	130	24373	18.661	ug/l	97
45) 1,2-Dichloropropane	6.782	63	27030	19.922	ug/l	93
46) Dibromomethane	6.910	93	19969	20.686	ug/l	96
47) Bromodichloromethane	7.094	83	39081	19.469	ug/l	99
48) Methyl methacrylate	6.959	41	30191	19.431	ug/l	97
49) 1,4-Dioxane	6.965	88	12834	376.408	ug/l	98
51) 4-Methyl-2-Pentanone	7.785	43	256490	105.411	ug/l	98
52) Toluene	7.962	92	58356	18.280	ug/l	98
53) t-1,3-Dichloropropene	8.203	75	30774	17.519	ug/l	99
54) cis-1,3-Dichloropropene	7.599	75	37750	19.198	ug/l	93
55) 1,1,2-Trichloroethane	8.393	97	26991	19.909	ug/l	95
56) Ethyl methacrylate	8.328	69	39975	18.279	ug/l	95
57) 1,3-Dichloropropane	8.566	76	44879	20.082	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.463	63	2597	114.358	ug/l	98
59) 2-Hexanone	8.679	43	191187	103.883	ug/l	99
60) Dibromochloromethane	8.801	129	28669	18.877	ug/l	98
61) 1,2-Dibromoethane	8.914	107	25651	19.277	ug/l	96
64) Tetrachloroethene	8.544	164	22251	16.727	ug/l	95
65) Chlorobenzene	9.438	112	70883	19.067	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.524	131	22861	17.931	ug/l	91
67) Ethyl Benzene	9.563	91	120310	18.829	ug/l	98
68) m/p-Xylenes	9.685	106	90170	36.977	ug/l	96
69) o-Xylene	10.090	106	45801	18.474	ug/l	100
70) Styrene	10.106	104	75160	19.066	ug/l	98
71) Bromoform	10.283	173	18451	16.603	ug/l #	97
73) Isopropylbenzene	10.476	105	122825	18.669	ug/l	99
74) N-amyl acetate	10.315	43	54109	18.340	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.772	83	47428	19.585	ug/l	100
76) 1,2,3-Trichloropropane	10.814	75	47852	18.677	ug/l #	81
77) Bromobenzene	10.775	156	29014	17.991	ug/l	94
78) n-propylbenzene	10.897	91	141977	18.608	ug/l	99
79) 2-Chlorotoluene	10.978	91	87409	18.267	ug/l	98
80) 1,3,5-Trimethylbenzene	11.081	105	107333	18.652	ug/l	98
81) trans-1,4-Dichloro-2-b...	10.537	75	9145	17.802	ug/l	91
82) 4-Chlorotoluene	11.090	91	103513	19.054	ug/l	97
83) tert-Butylbenzene	11.412	119	105436	19.106	ug/l	97
84) 1,2,4-Trimethylbenzene	11.460	105	102812	18.195	ug/l	98
85) sec-Butylbenzene	11.634	105	136574	18.755	ug/l	99
86) p-Isopropyltoluene	11.785	119	108963	18.444	ug/l	99
87) 1,3-Dichlorobenzene	11.740	146	57219	18.412	ug/l	99
88) 1,4-Dichlorobenzene	11.830	146	57789	18.239	ug/l	97
89) n-Butylbenzene	12.200	91	96135	17.582	ug/l	99
90) Hexachloroethane	12.467	117	17310	17.519	ug/l	97
91) 1,2-Dichlorobenzene	12.206	146	56098	18.512	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.984	75	11962	20.856	ug/l	95
93) 1,2,4-Trichlorobenzene	13.836	180	33842	17.438	ug/l	99
94) Hexachlorobutadiene	14.010	225	14054	16.941	ug/l	98
95) Naphthalene	14.081	128	112052	17.631	ug/l	100
96) 1,2,3-Trichlorobenzene	14.322	180	33085	17.348	ug/l	99

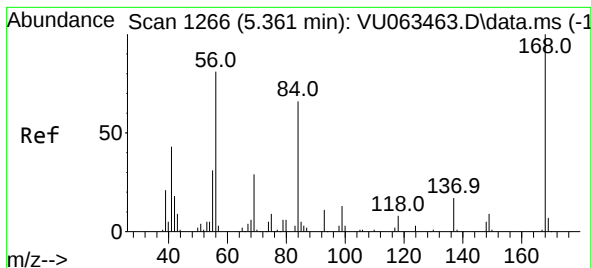
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Response via : Initial Calibration

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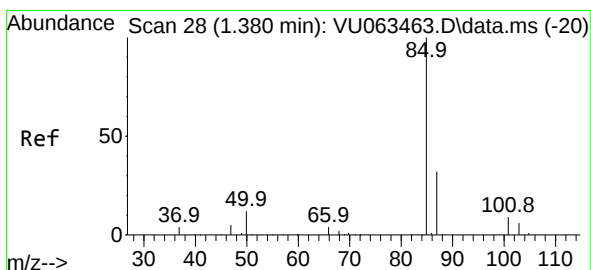
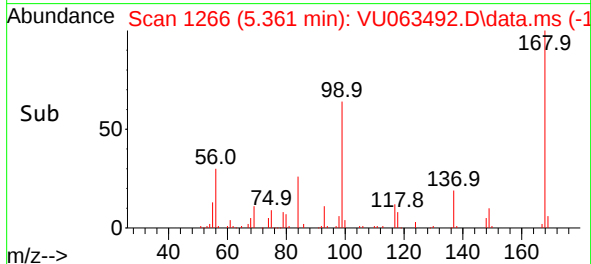
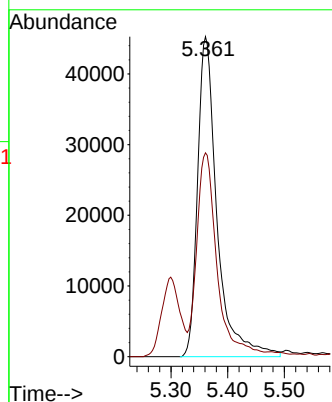
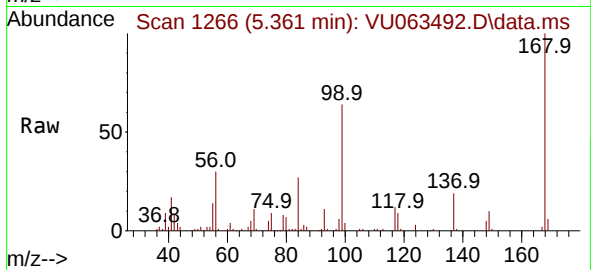
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

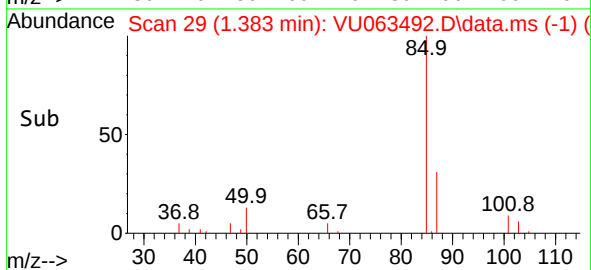
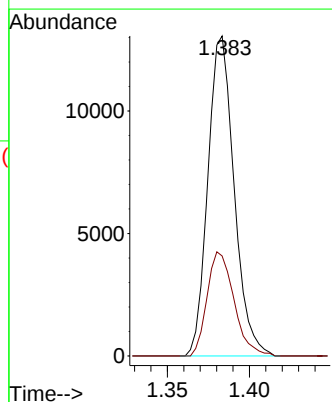
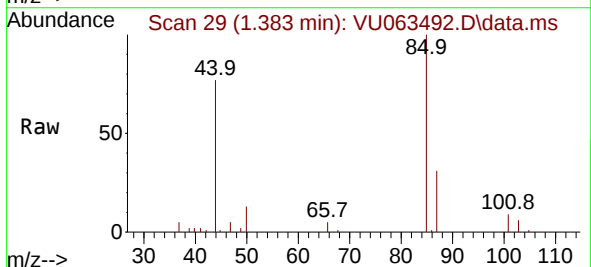
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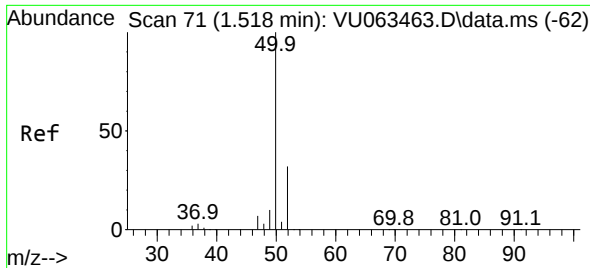
Tgt Ion:168 Resp: 107957
Ion Ratio Lower Upper
168 100
99 62.4 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 16.908 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 85 Resp: 14517
Ion Ratio Lower Upper
85 100
87 31.3 16.1 48.2

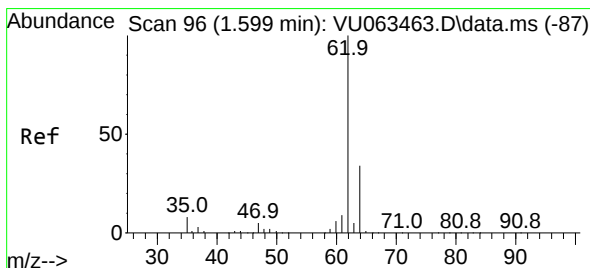
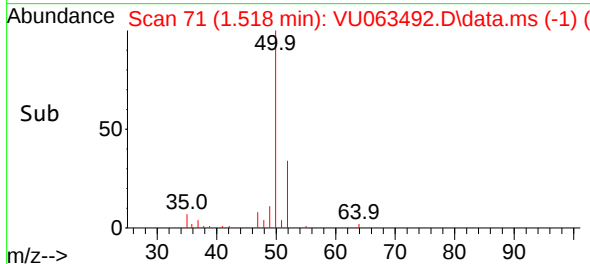
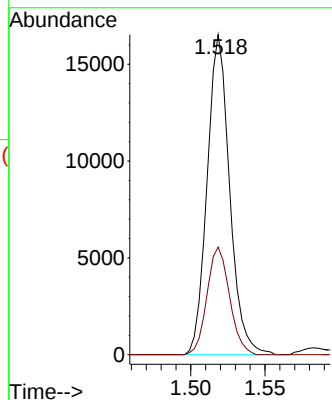
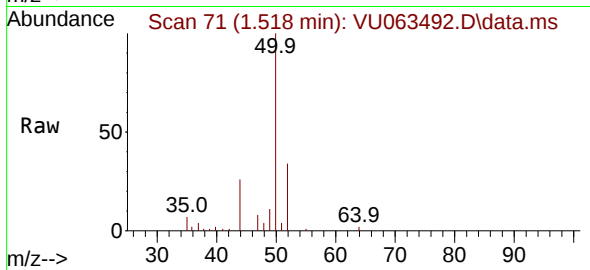




#3
Chloromethane
Concen: 16.646 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

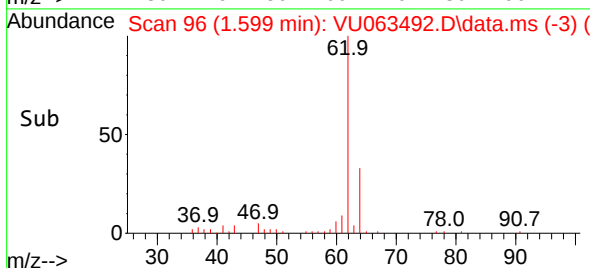
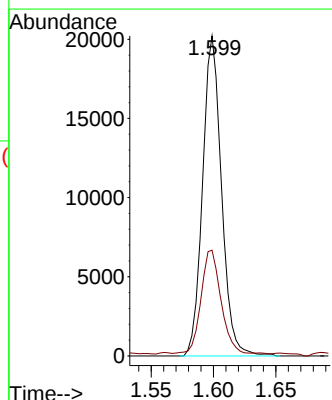
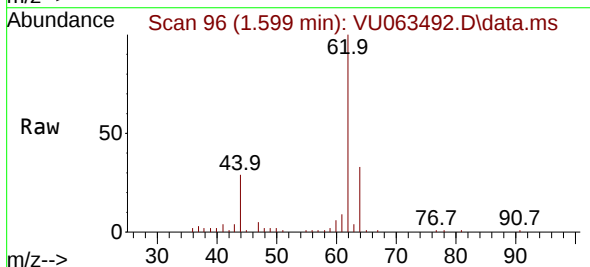
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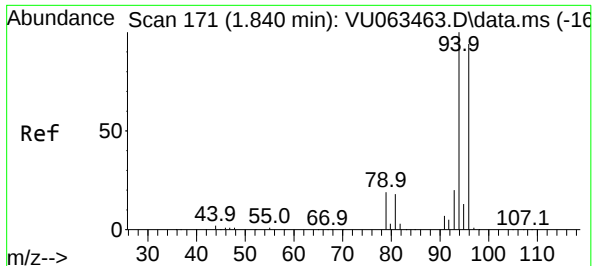
Tgt Ion: 50 Resp: 17408
Ion Ratio Lower Upper
50 100
52 33.6 25.8 38.8



#4
Vinyl Chloride
Concen: 18.420 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 62 Resp: 21360
Ion Ratio Lower Upper
62 100
64 32.1 26.9 40.3

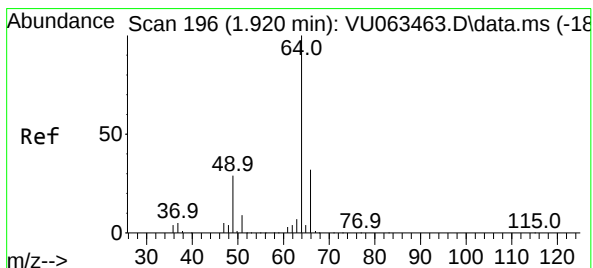
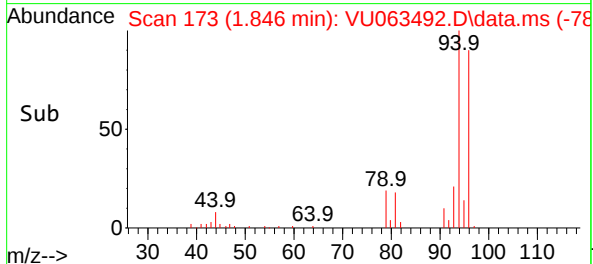
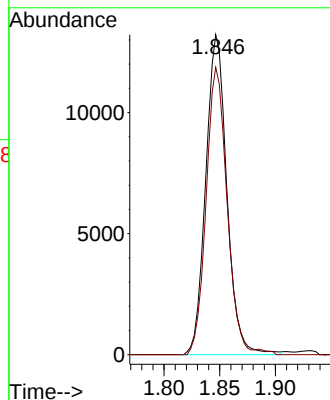
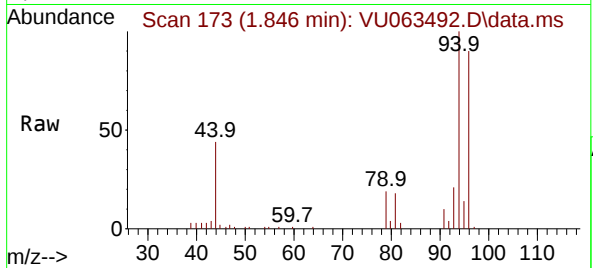




#5
Bromomethane
Concen: 21.449 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

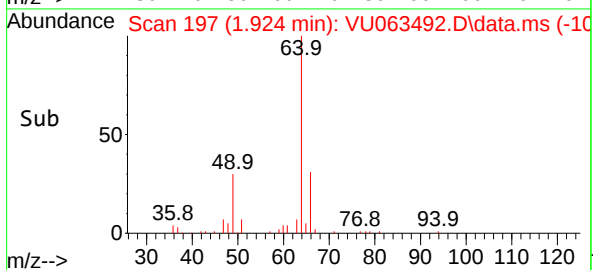
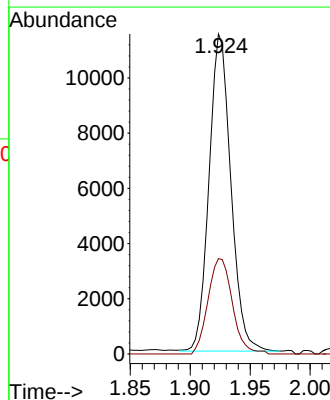
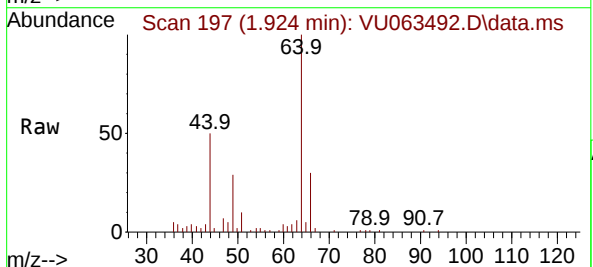
Instrument :
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Tgt Ion: 94 Resp: 17426
Ion Ratio Lower Upper
94 100
96 89.8 75.5 113.3



#6
Chloroethane
Concen: 17.289 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.004 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 64 Resp: 14526
Ion Ratio Lower Upper
64 100
66 30.1 25.3 37.9

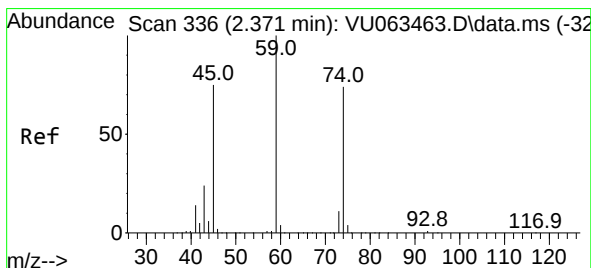
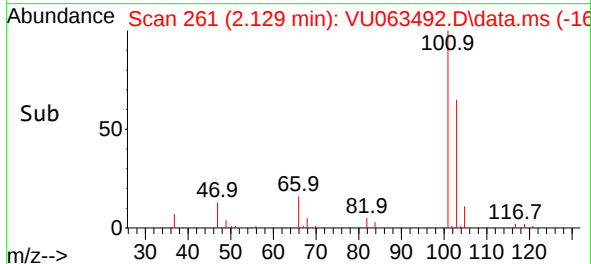
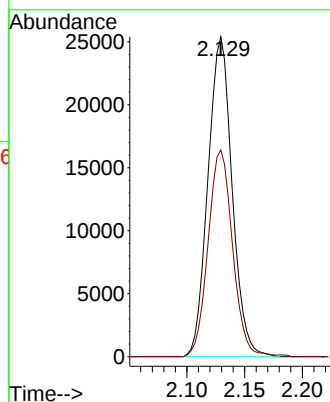
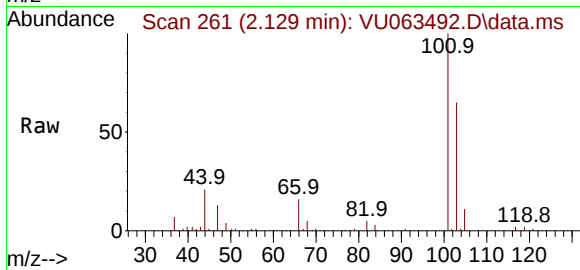




#7
Trichlorofluoromethane
Concen: 19.758 ug/l
RT: 2.129 min Scan# 20
Delta R.T. 0.003 min
Lab File: VU063492.D
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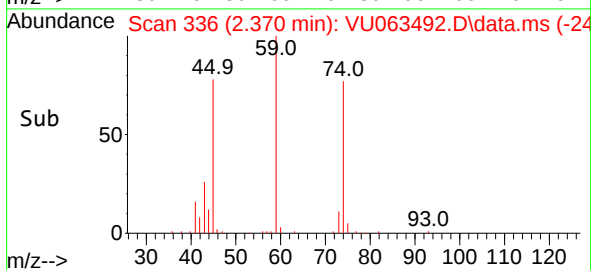
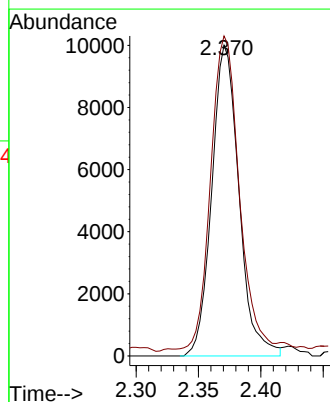
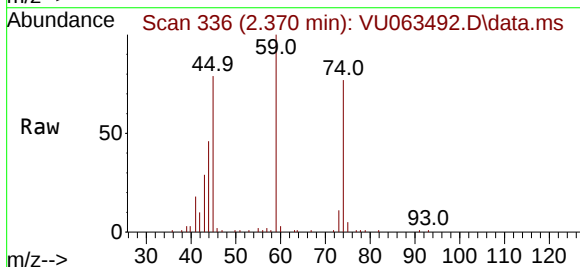
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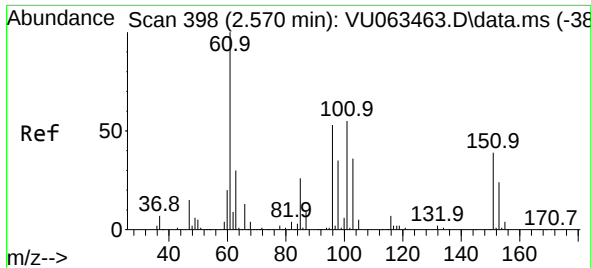
Tgt Ion:101 Resp: 36961
Ion Ratio Lower Upper
101 100
103 64.6 51.1 76.7



#8
Diethyl Ether
Concen: 19.472 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 74 Resp: 15181
Ion Ratio Lower Upper
74 100
45 107.3 49.7 149.1

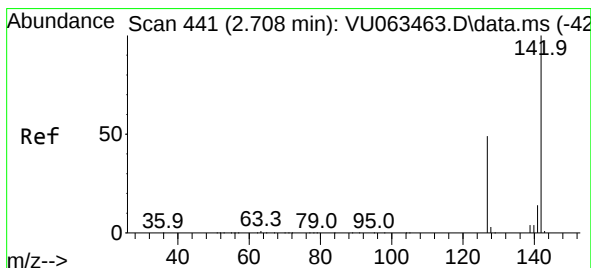
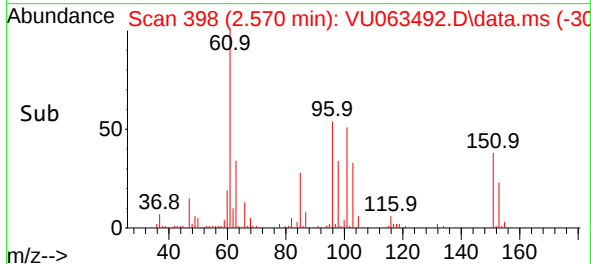
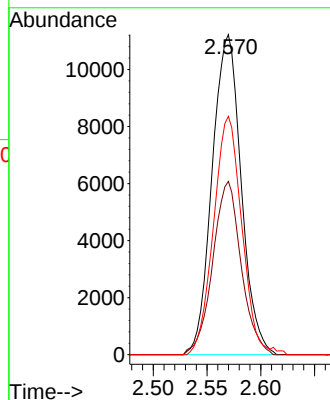
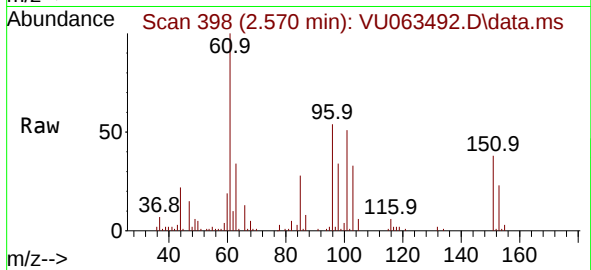




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.045 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063492.D
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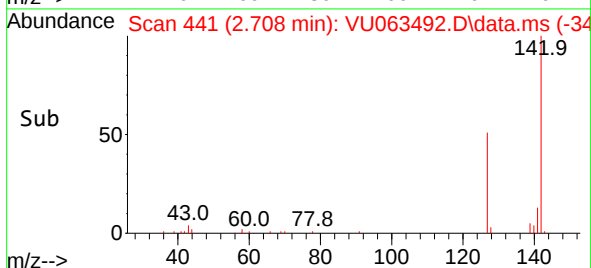
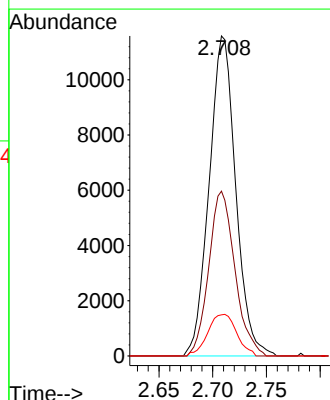
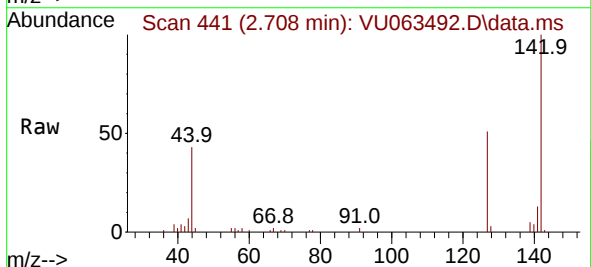
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ClientSampleId :
VU0711WBS02

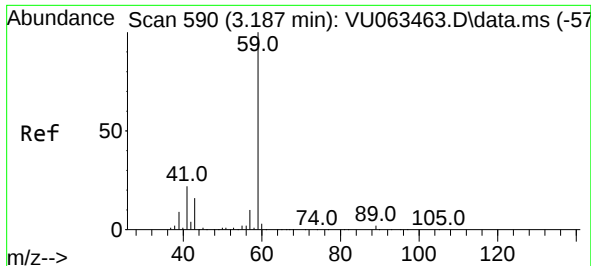
Tgt Ion:101 Resp: 21073
Ion Ratio Lower Upper
101 100
85 53.1 39.6 59.4
151 72.7 57.2 85.8



#10
Methyl Iodide
Concen: 17.242 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion:142 Resp: 19928
Ion Ratio Lower Upper
142 100
127 50.6 38.2 57.4
141 14.1 11.1 16.7

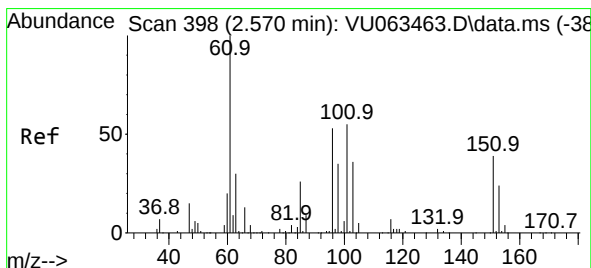
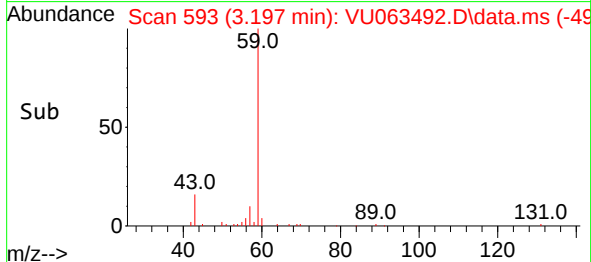
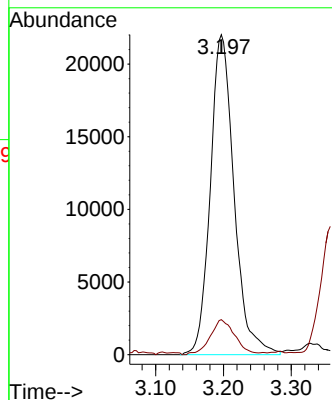
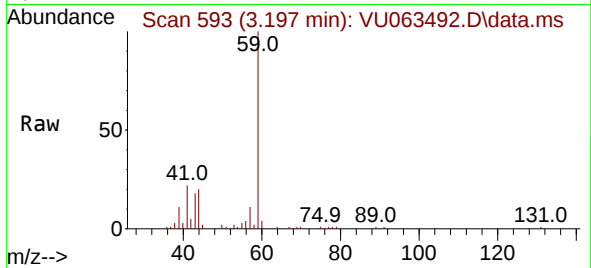




#11
Tert butyl alcohol
Concen: 116.081 ug/l
RT: 3.197 min Scan# 590
Delta R.T. 0.010 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

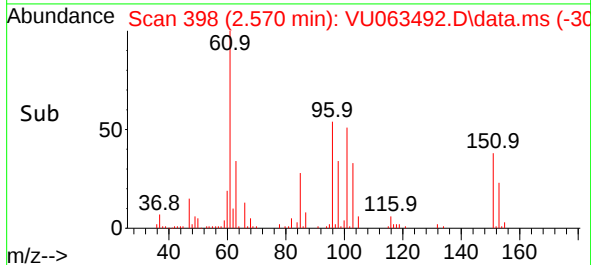
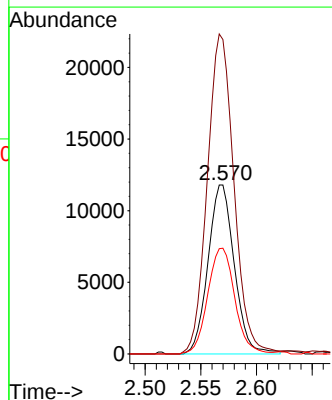
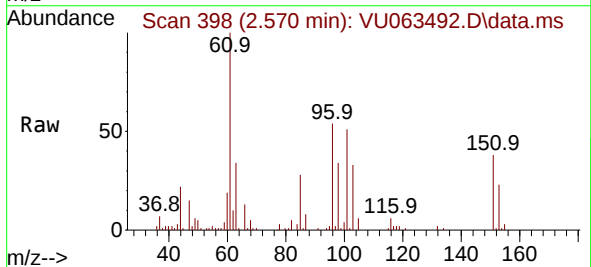
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

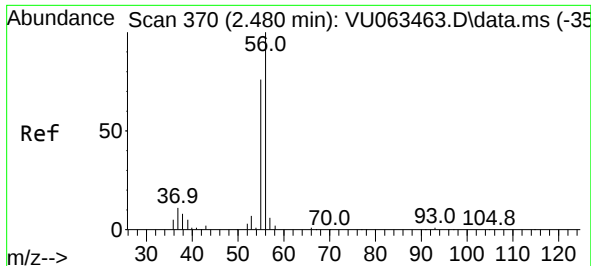
Tgt Ion: 59 Resp: 53609
Ion Ratio Lower Upper
59 100
57 11.4 8.8 13.2



#12
1,1-Dichloroethene
Concen: 18.782 ug/l
RT: 2.570 min Scan# 398
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 96 Resp: 19345
Ion Ratio Lower Upper
96 100
61 186.0 149.6 224.4
98 62.6 52.0 78.0

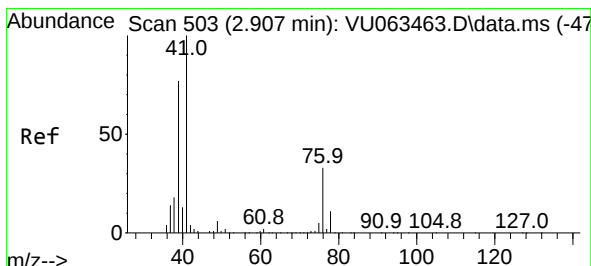
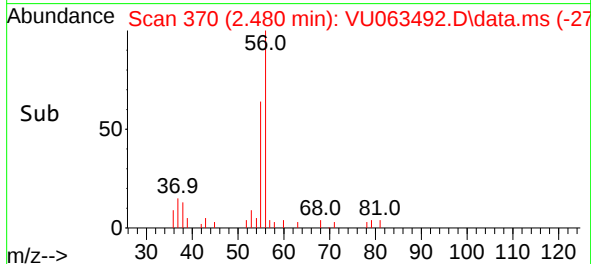
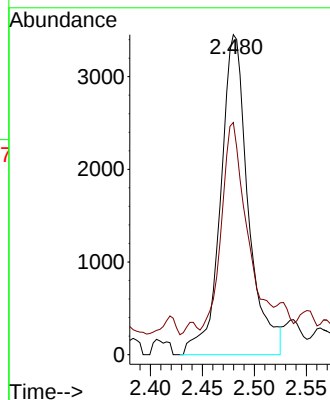
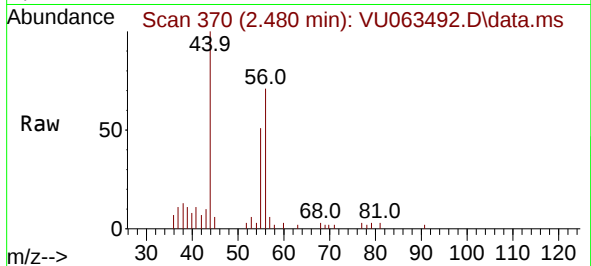




#13
Acrolein
Concen: 97.997 ug/l
RT: 2.480 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

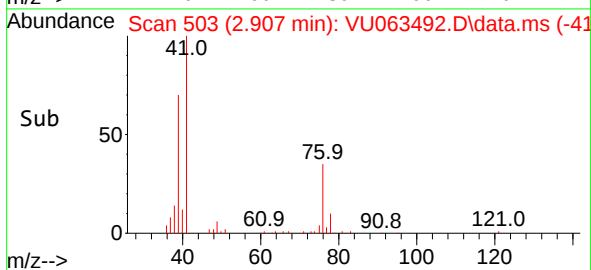
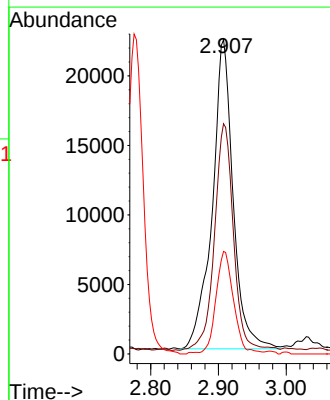
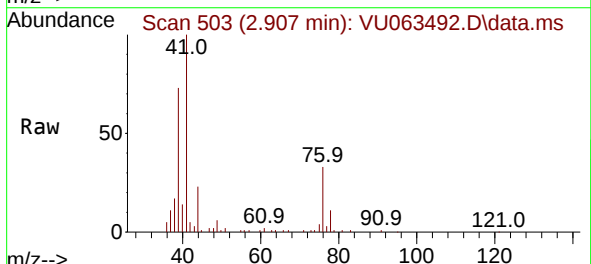
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

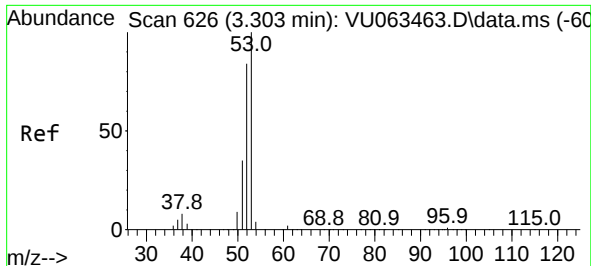
Tgt Ion: 56 Resp: 6388
Ion Ratio Lower Upper
56 100
55 59.0 60.2 90.2#



#14
Allyl chloride
Concen: 19.487 ug/l
RT: 2.907 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 41 Resp: 47777
Ion Ratio Lower Upper
41 100
39 66.5 53.9 80.9
76 26.6 23.1 34.7

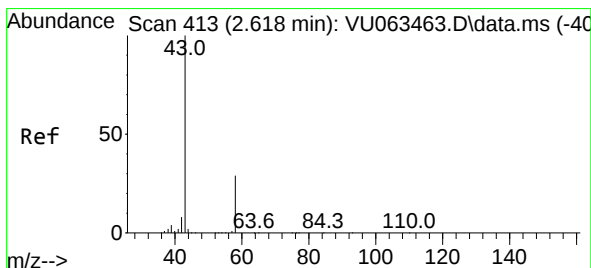
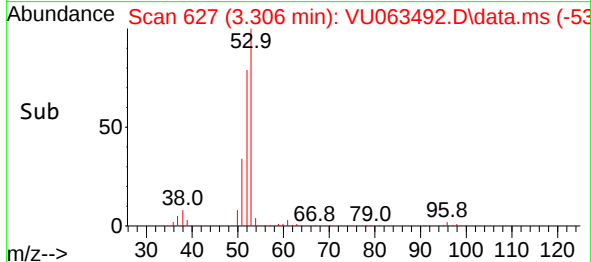
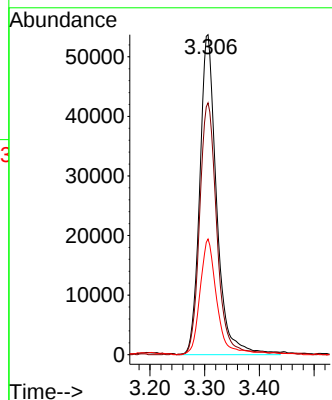
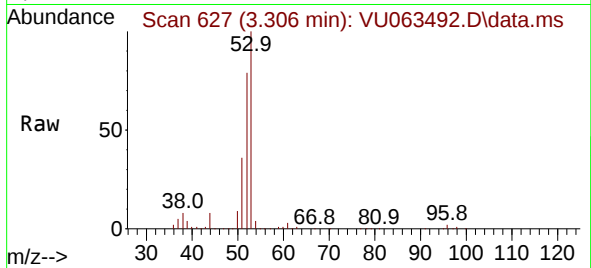




#15
Acrylonitrile
Concen: 116.355 ug/l
RT: 3.306 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

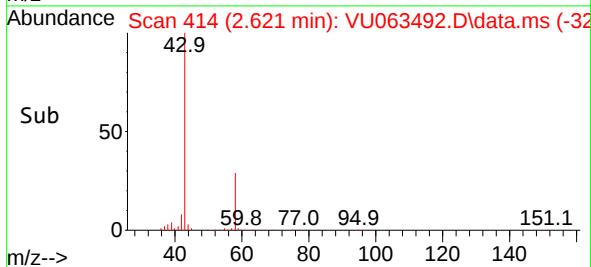
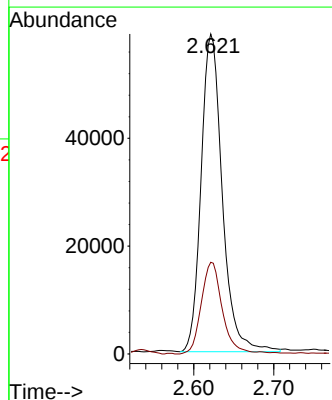
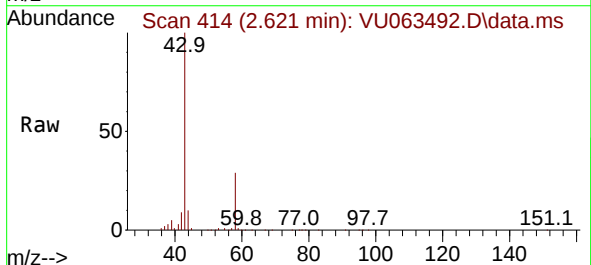
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

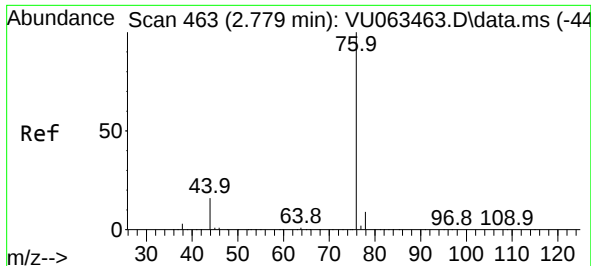
Tgt Ion: 53 Resp: 115101
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.4
51 35.8 28.8 43.2



#16
Acetone
Concen: 94.229 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 43 Resp: 108876
Ion Ratio Lower Upper
43 100
58 28.9 23.1 34.7

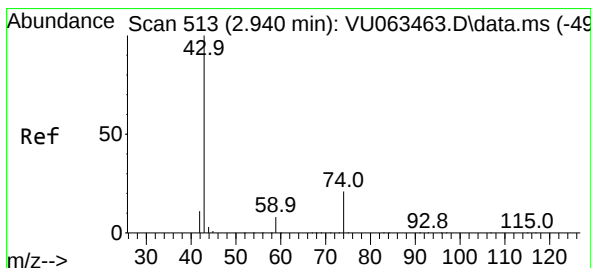
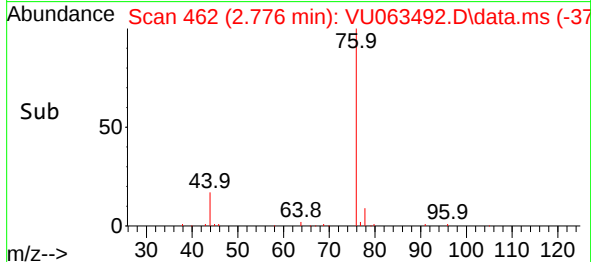
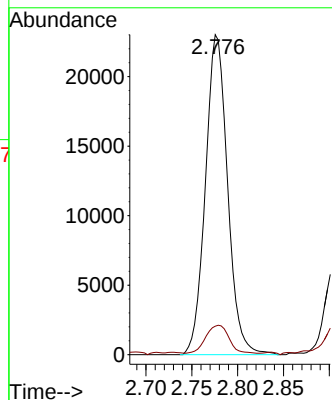
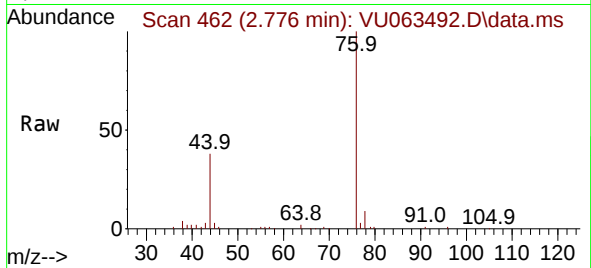




#17
Carbon Disulfide
Concen: 15.738 ug/l
RT: 2.776 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

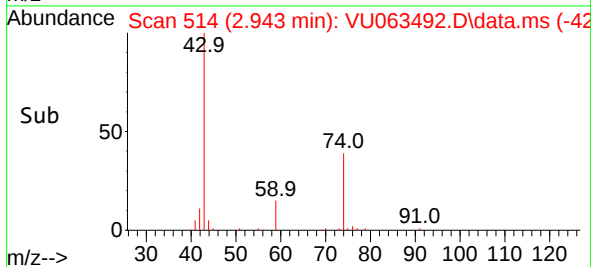
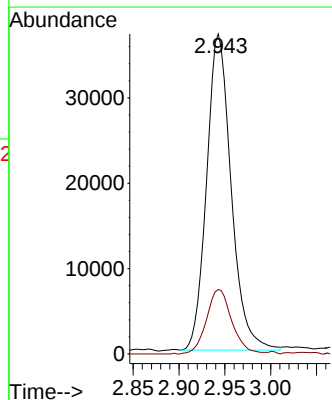
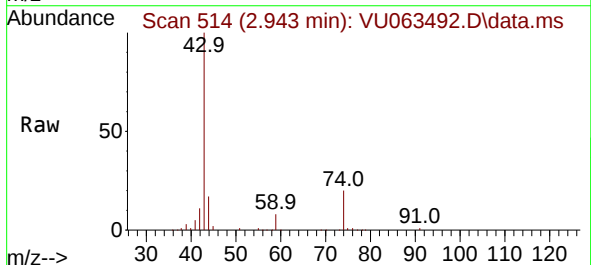
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

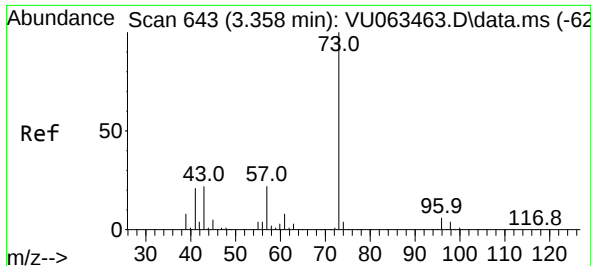
Tgt Ion: 76 Resp: 38750
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3



#18
Methyl Acetate
Concen: 23.261 ug/l
RT: 2.943 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 43 Resp: 69168
Ion Ratio Lower Upper
43 100
74 21.0 17.3 25.9

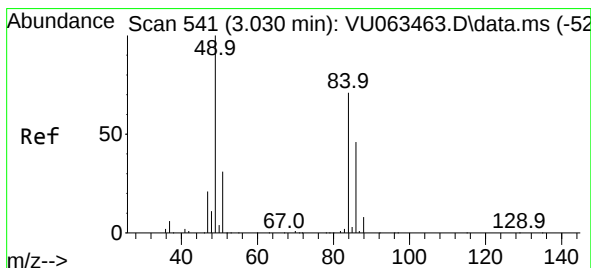
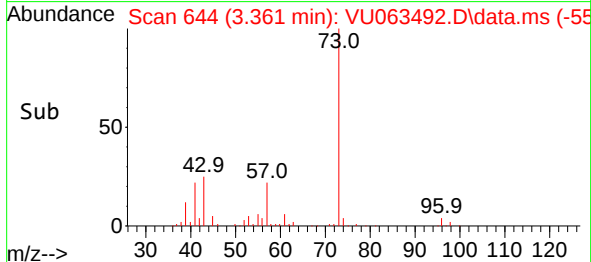
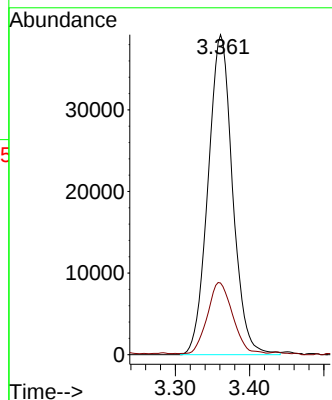
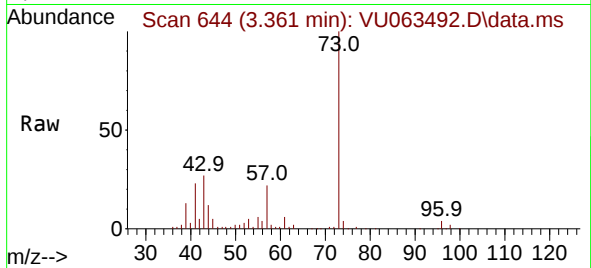




#19
Methyl tert-butyl Ether
Concen: 20.203 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

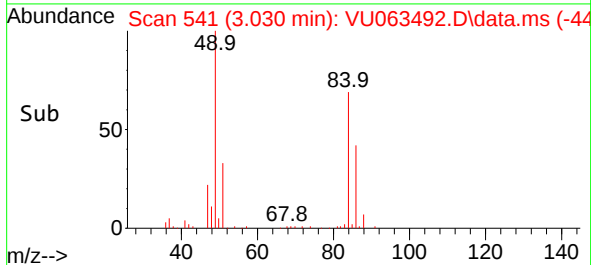
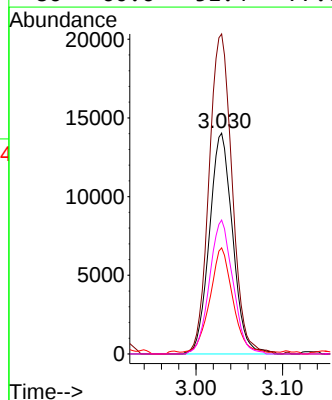
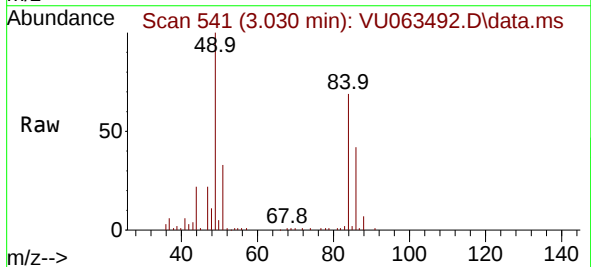
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

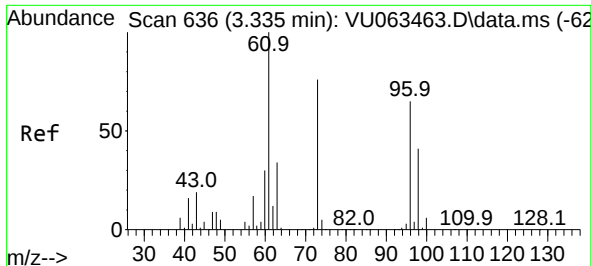
Tgt Ion: 73 Resp: 89742
Ion Ratio Lower Upper
73 100
57 22.0 17.8 26.6



#20
Methylene Chloride
Concen: 15.533 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 84 Resp: 26169
Ion Ratio Lower Upper
84 100
49 144.9 112.1 168.1
51 47.3 34.4 51.6
86 60.6 51.4 77.0

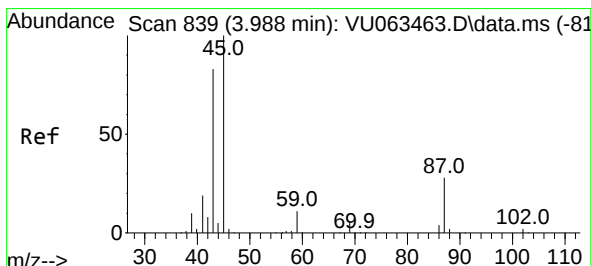
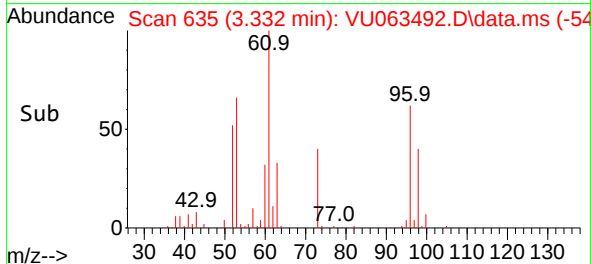
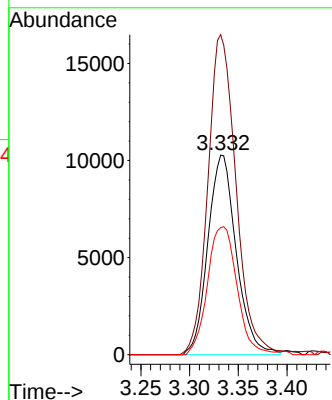
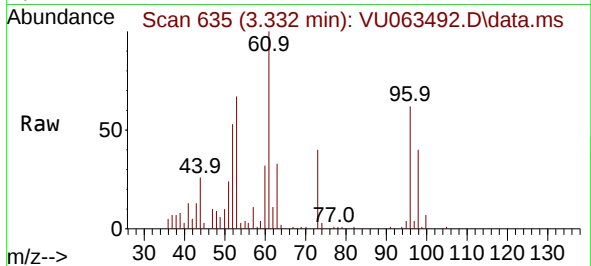




#21
trans-1,2-Dichloroethene
Concen: 18.849 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

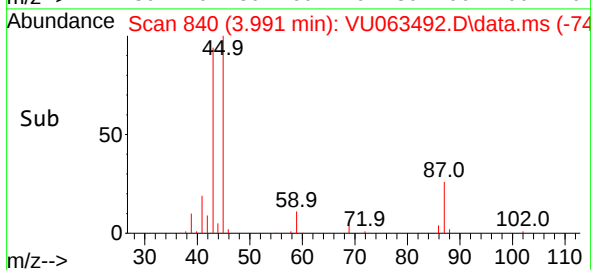
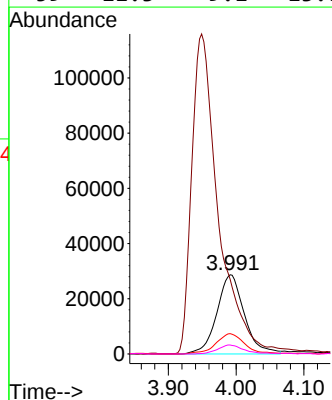
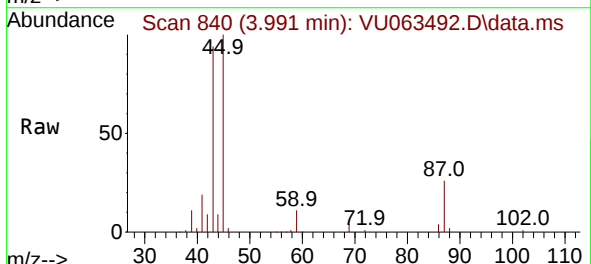
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

Tgt Ion: 96 Resp: 20858
Ion Ratio Lower Upper
96 100
61 160.4 122.2 183.4
98 63.7 49.9 74.9



#22
Diisopropyl ether
Concen: 19.314 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 45 Resp: 80626
Ion Ratio Lower Upper
45 100
43 88.6 66.5 99.7
87 25.6 22.6 33.8
59 11.3 9.1 13.7

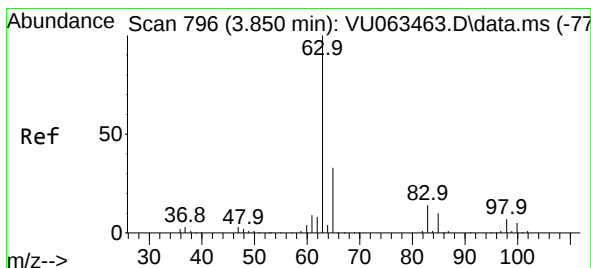
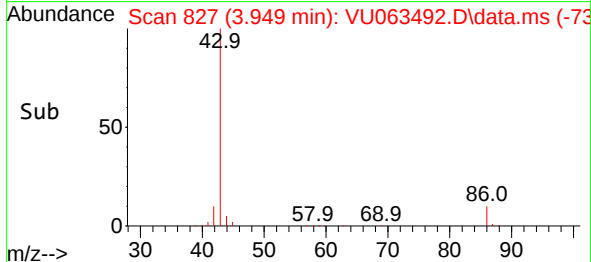
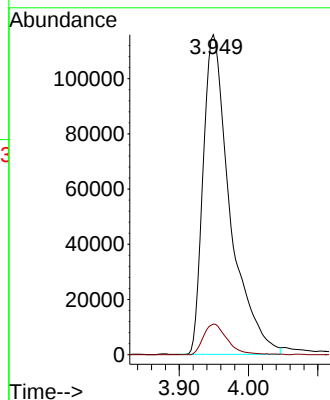
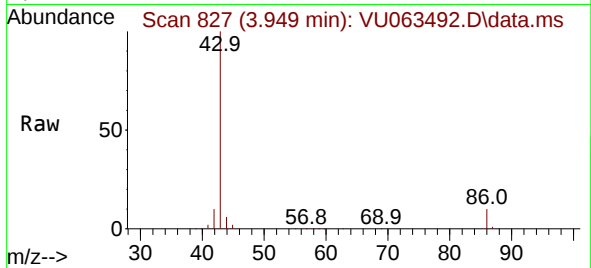




#23
 Vinyl Acetate
 Concen: 96.515 ug/l
 RT: 3.949 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU063492.D
 Acq: 11 Jul 2025 12:51

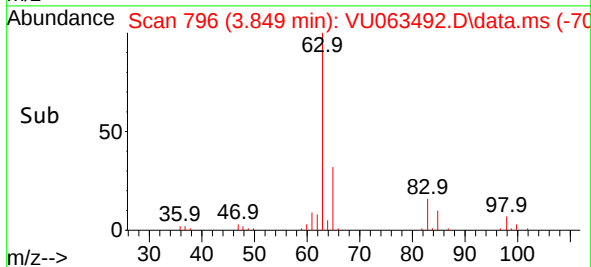
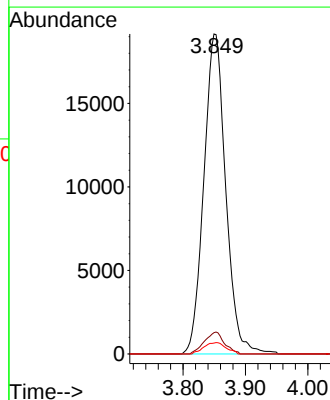
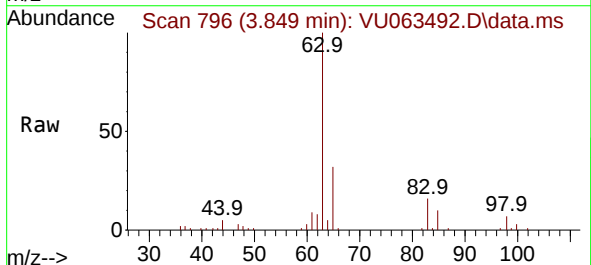
Instrument :
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 ClientSampleId :
 VU0711WBS02

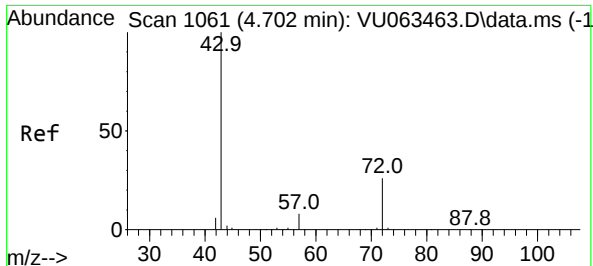
Tgt Ion: 43 Resp: 312631
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 19.742 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063492.D
 Acq: 11 Jul 2025 12:51

Tgt Ion: 63 Resp: 46772
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.6 10.9
 100 3.4 2.3 6.8





#25

2-Butanone

Concen: 105.382 ug/l

RT: 4.708 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

Instrument :

MSVOA_U

ClientSampleId :

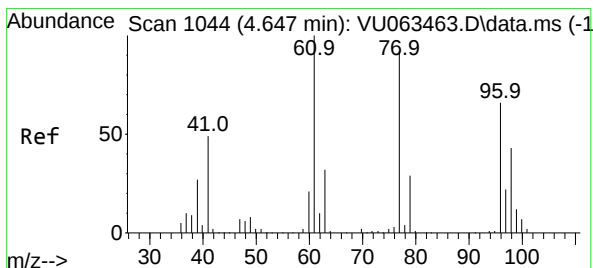
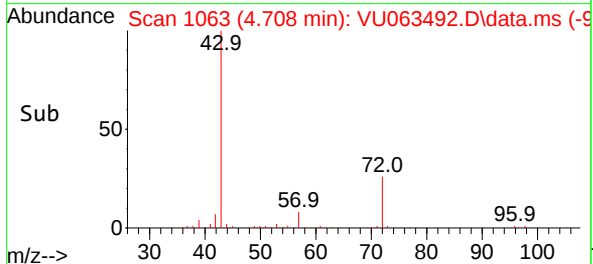
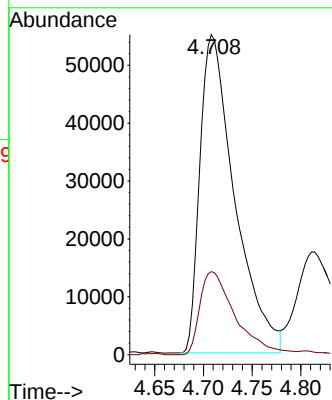
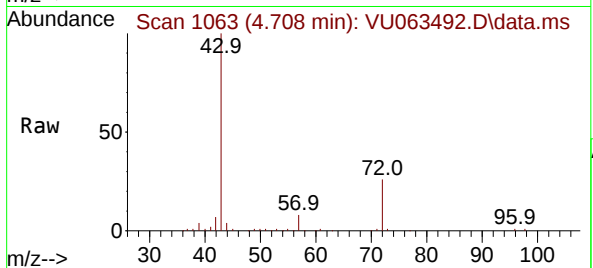
VU0711WBS02

Tgt Ion: 43 Resp: 136691

Ion Ratio Lower Upper

43 100

72 26.1 20.7 31.1



#26

2,2-Dichloropropane

Concen: 18.551 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.003 min

Lab File: VU063492.D

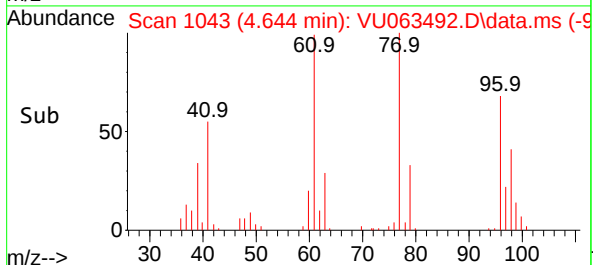
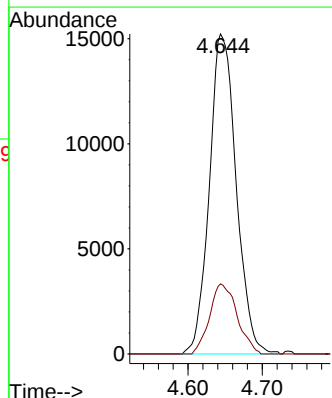
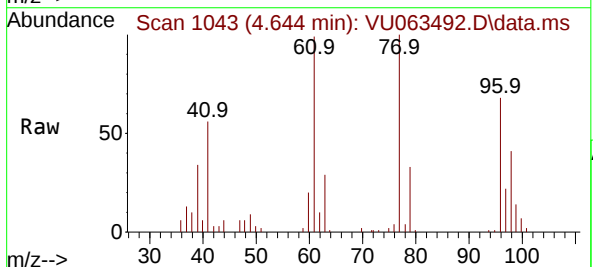
Acq: 11 Jul 2025 12:51

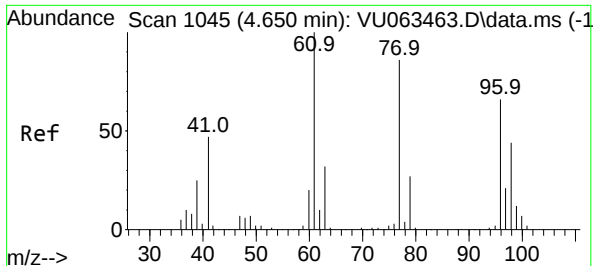
Tgt Ion: 77 Resp: 38237

Ion Ratio Lower Upper

77 100

97 22.4 11.8 35.3

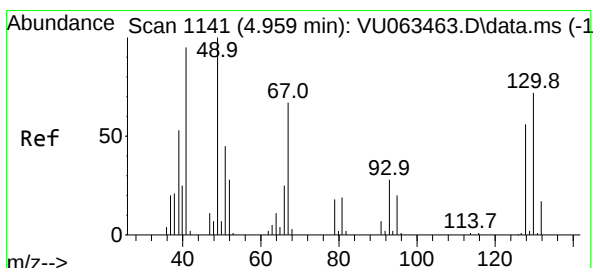
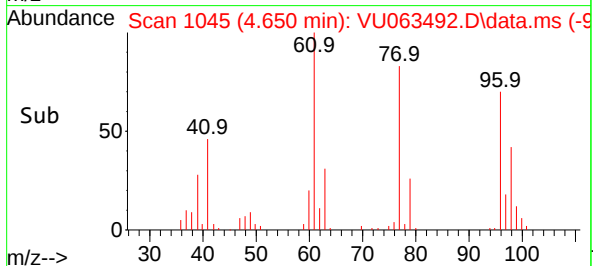
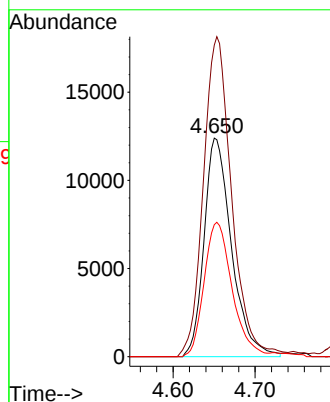
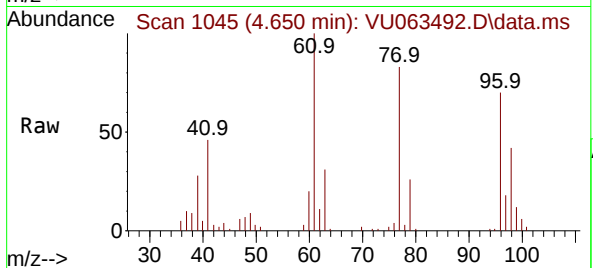




#27
 cis-1,2-Dichloroethene
 Concen: 19.735 ug/l
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.000 min
 Lab File: VU063492.D
 Acq: 11 Jul 2025 12:51

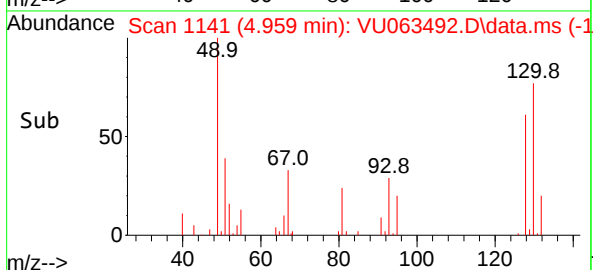
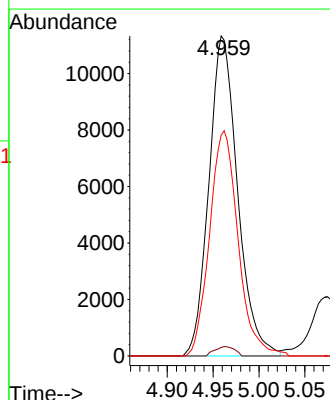
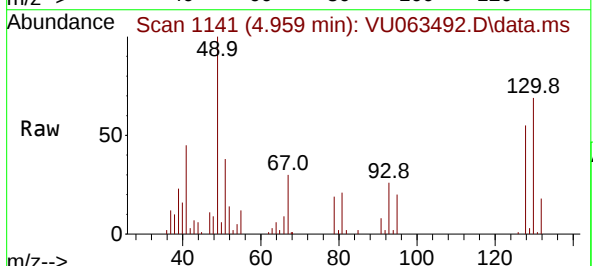
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS02

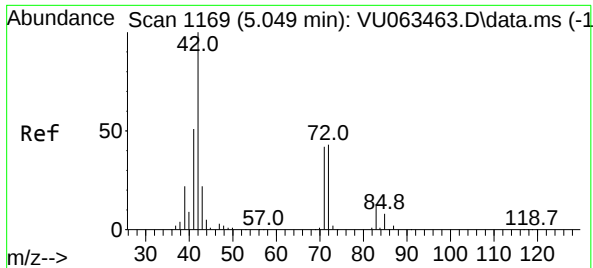
Tgt Ion: 96 Resp: 28826
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 307.2
 98 62.6 0.0 133.0



#28
 Bromochloromethane
 Concen: 22.178 ug/l
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.000 min
 Lab File: VU063492.D
 Acq: 11 Jul 2025 12:51

Tgt Ion: 49 Resp: 24682
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 3.8
 130 69.8 59.0 88.4

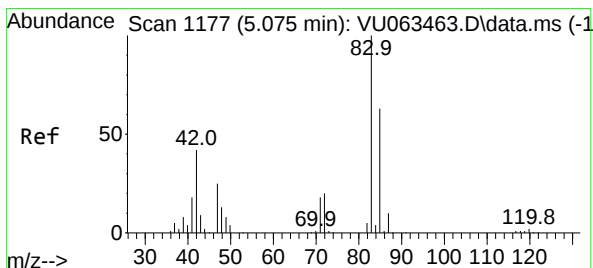
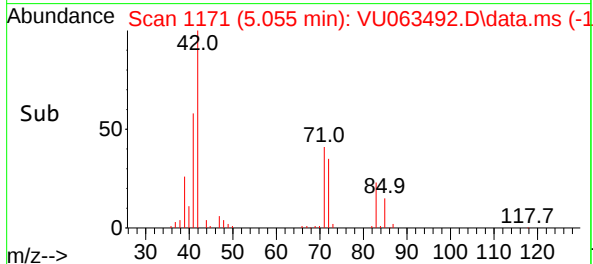
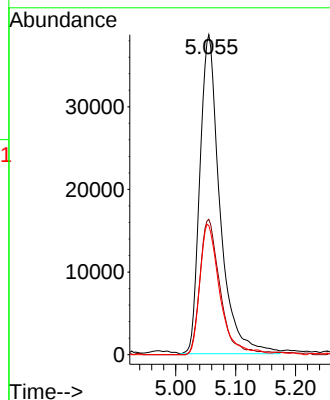
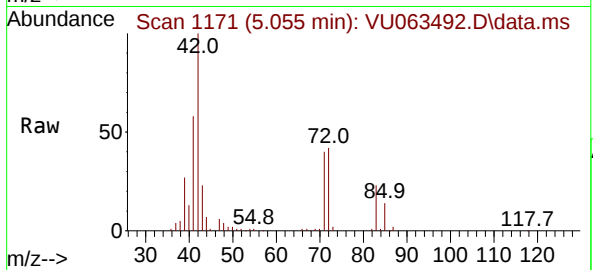




#29
Tetrahydrofuran
Concen: 109.800 ug/l
RT: 5.055 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

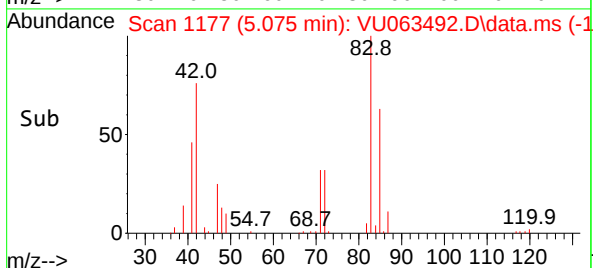
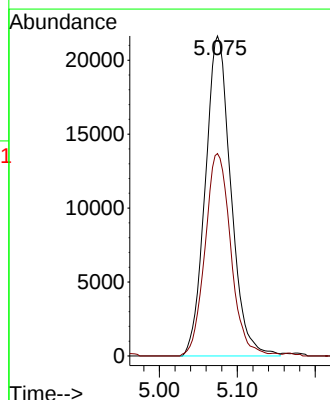
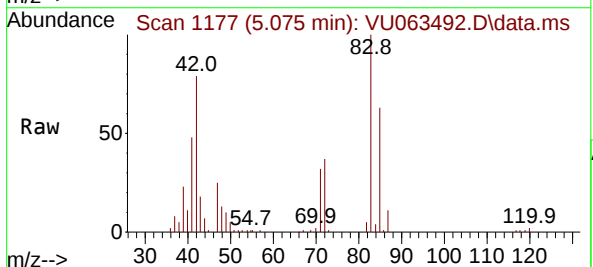
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

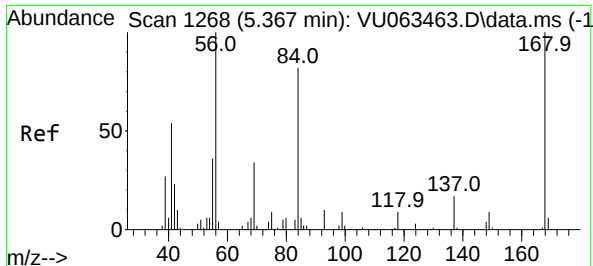
Tgt Ion: 42 Resp: 89841
Ion Ratio Lower Upper
42 100
72 41.8 36.2 54.4
71 40.2 33.3 49.9



#30
Chloroform
Concen: 19.730 ug/l
RT: 5.075 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 83 Resp: 49352
Ion Ratio Lower Upper
83 100
85 63.3 50.7 76.1

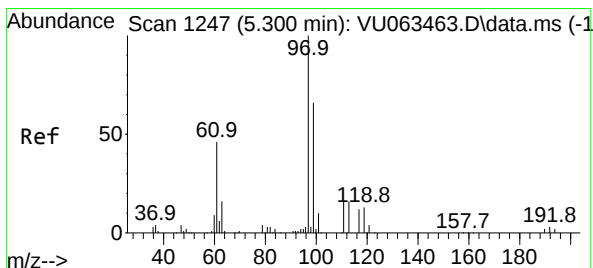
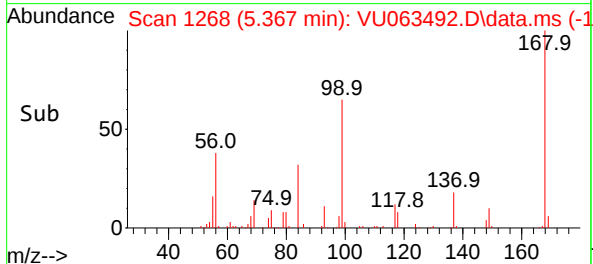
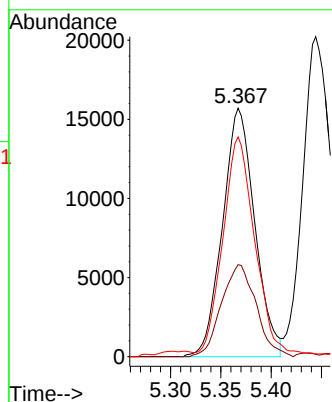
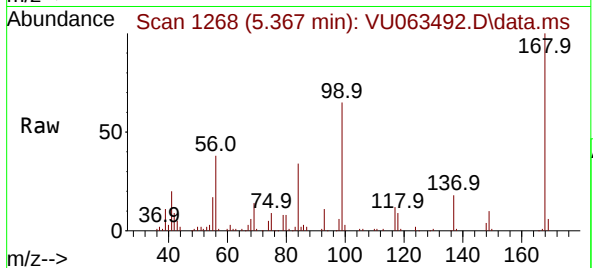




#31
Cyclohexane
Concen: 18.399 ug/l
RT: 5.367 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

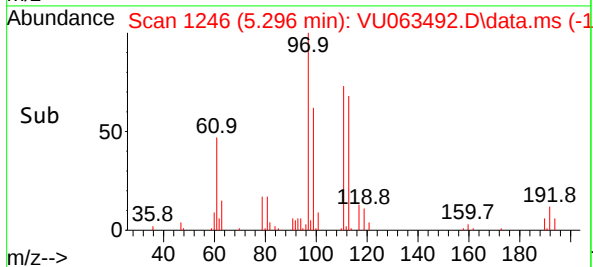
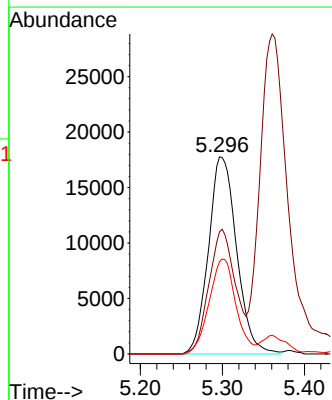
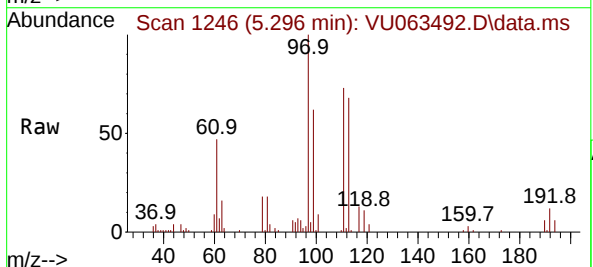
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

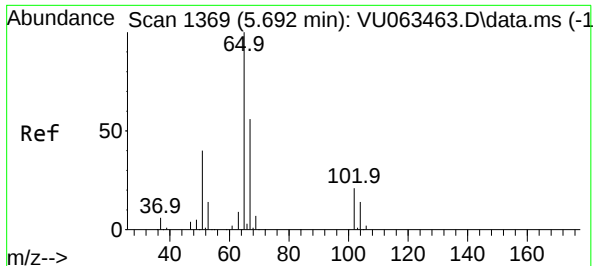
Tgt Ion: 56 Resp: 35042
Ion Ratio Lower Upper
56 100
69 37.0 27.0 40.4
84 86.4 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 19.924 ug/l
RT: 5.296 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 97 Resp: 42435
Ion Ratio Lower Upper
97 100
99 59.3 50.4 75.6
61 45.6 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 56.328 ug/l

RT: 5.692 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

Instrument :

MSVOA_U

ClientSampleId :

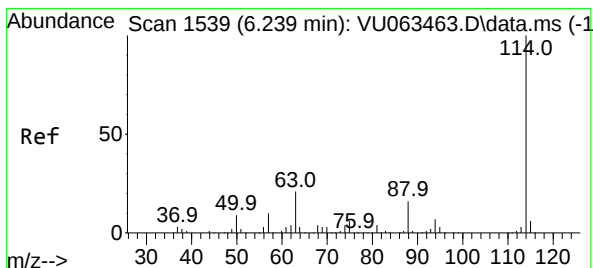
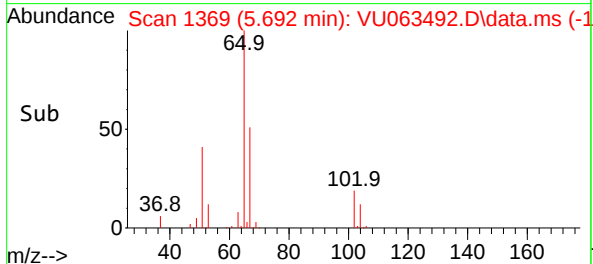
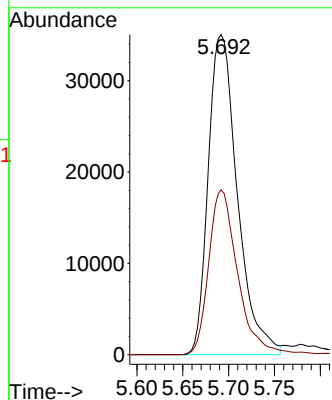
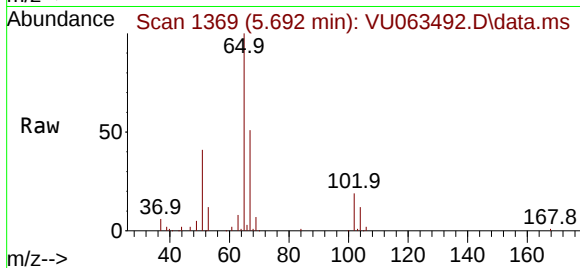
VU0711WBS02

Tgt Ion: 65 Resp: 77587

Ion Ratio Lower Upper

65 100

67 50.9 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

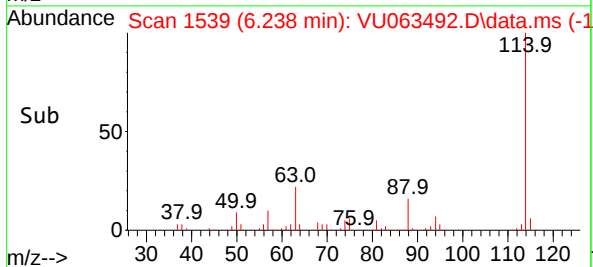
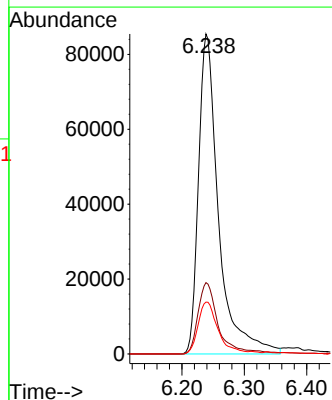
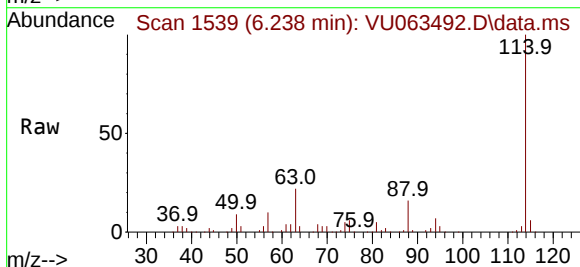
Tgt Ion: 114 Resp: 190807

Ion Ratio Lower Upper

114 100

63 22.3 0.0 41.6

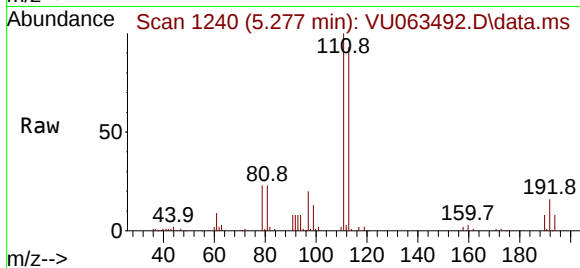
88 16.2 0.0 32.0



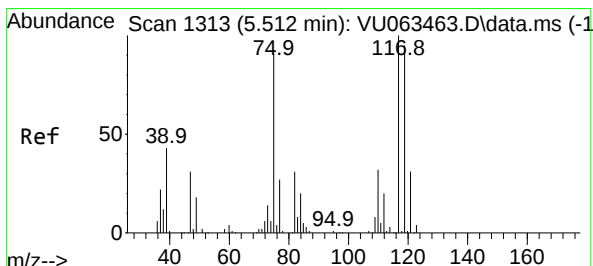
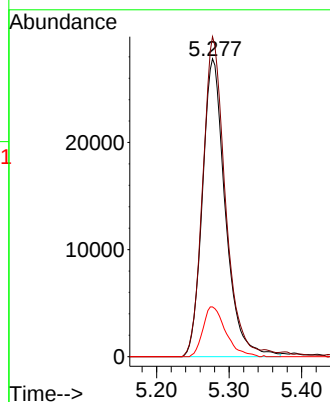
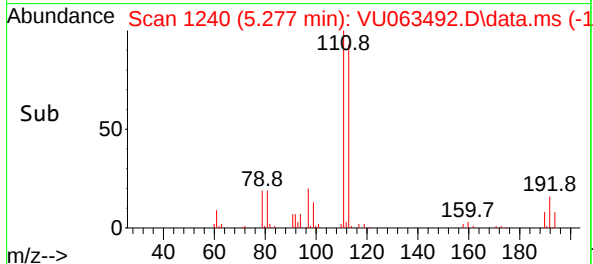


#35
Dibromofluoromethane
Concen: 53.061 ug/l
RT: 5.277 min Scan# 1113
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

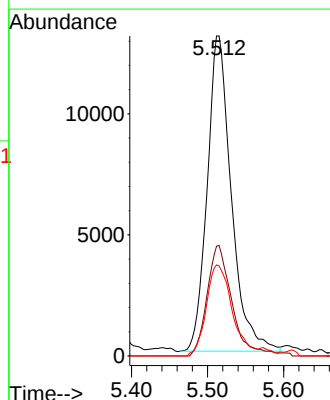
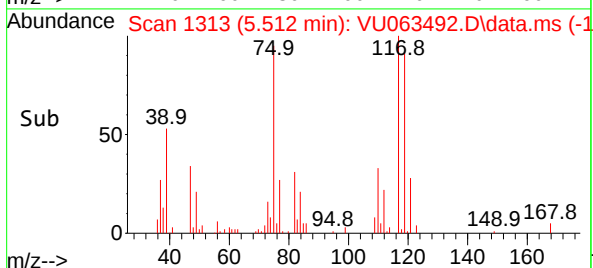
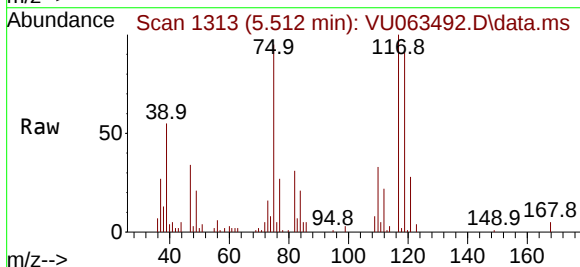


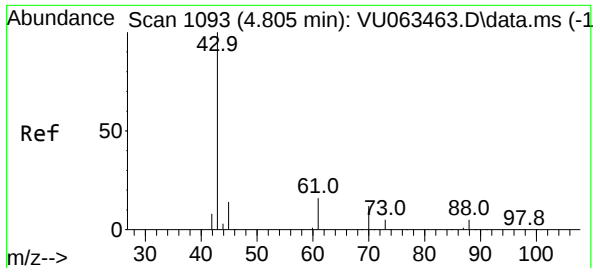
Tgt Ion:113 Resp: 61028
Ion Ratio Lower Upper
113 100
111 105.2 82.1 123.1
192 16.6 14.3 21.5



#36
1,1-Dichloropropene
Concen: 18.390 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 75 Resp: 28740
Ion Ratio Lower Upper
75 100
110 35.9 17.3 52.0
77 30.9 23.9 35.9

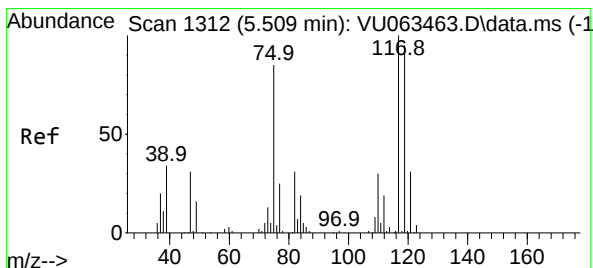
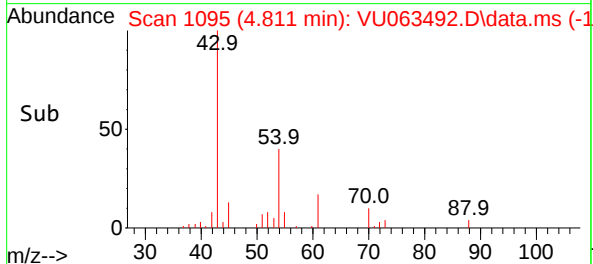
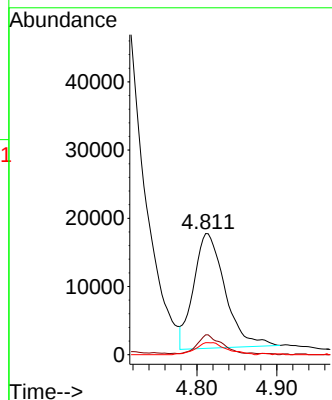
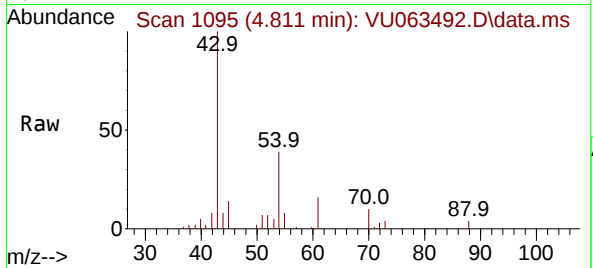




#37
Ethyl Acetate
Concen: 18.132 ug/l
RT: 4.811 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

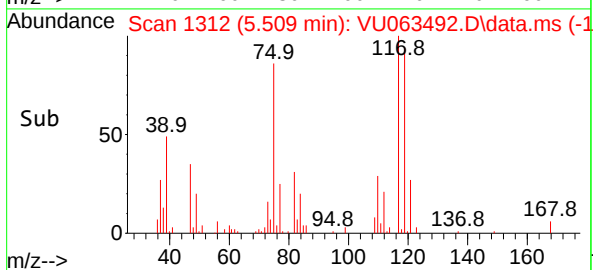
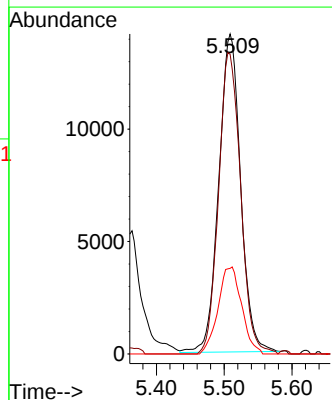
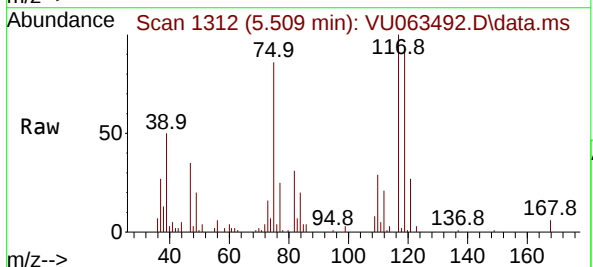
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

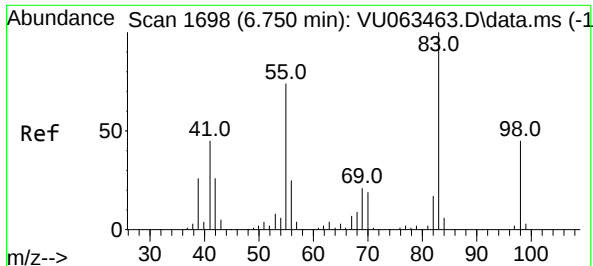
Tgt Ion: 43 Resp: 45891
Ion Ratio Lower Upper
43 100
61 12.0 10.4 15.6
70 10.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.363 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 117 Resp: 31620
Ion Ratio Lower Upper
117 100
119 94.4 76.1 114.1
121 26.9 25.0 37.4





#39

Methylcyclohexane

Concen: 17.194 ug/l

RT: 6.750 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS02

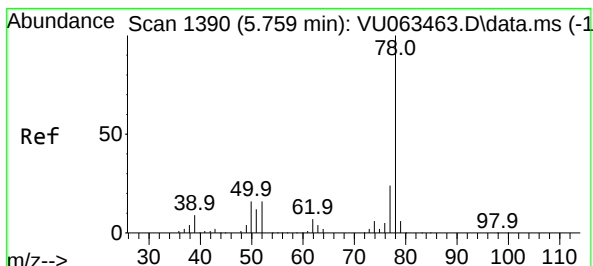
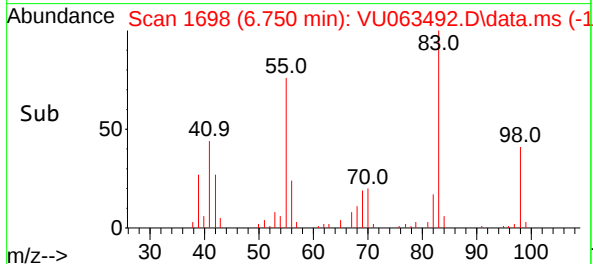
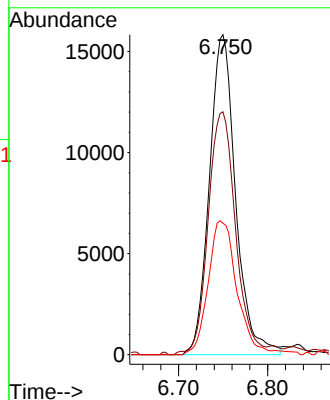
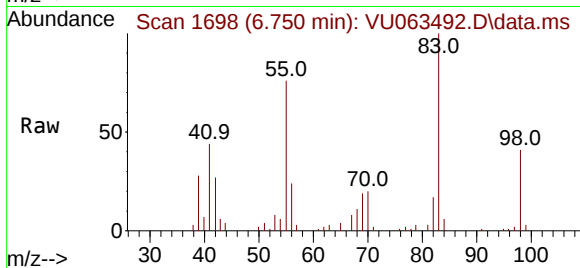
Tgt Ion: 83 Resp: 32467

Ion Ratio Lower Upper

83 100

55 74.9 59.4 89.2

98 41.1 36.2 54.4



#40

Benzene

Concen: 19.379 ug/l

RT: 5.763 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VU063492.D

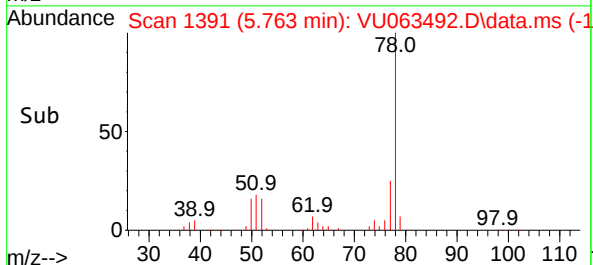
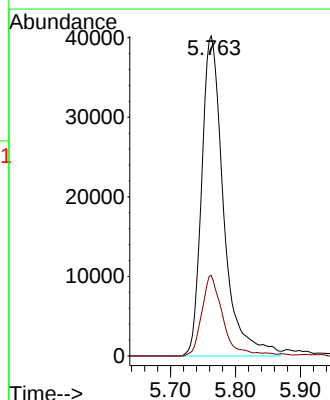
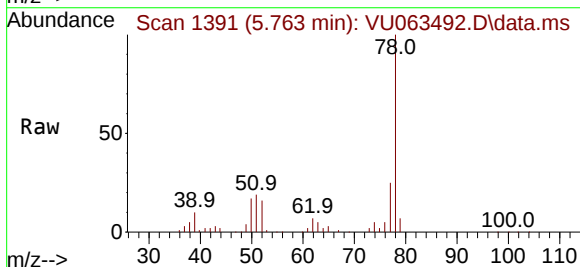
Acq: 11 Jul 2025 12:51

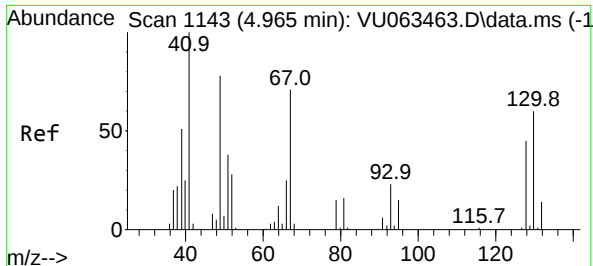
Tgt Ion: 78 Resp: 94584

Ion Ratio Lower Upper

78 100

77 25.2 19.0 28.4

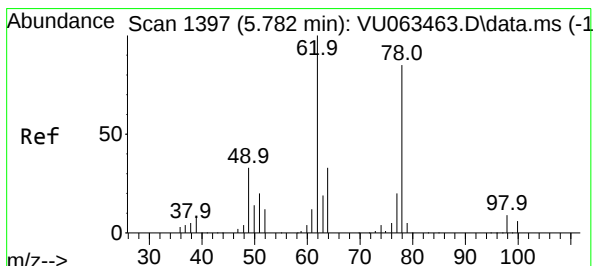
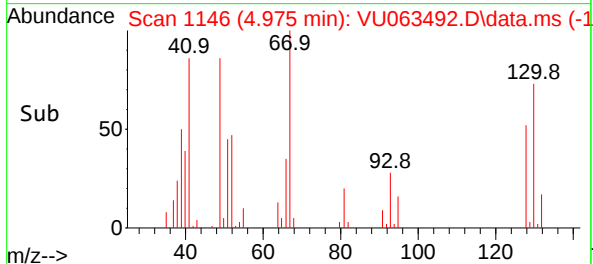
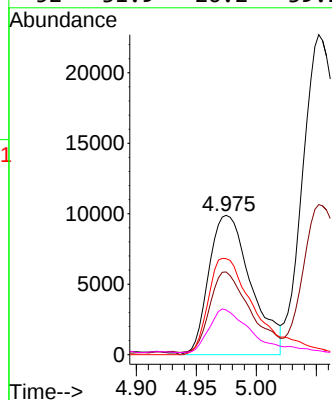
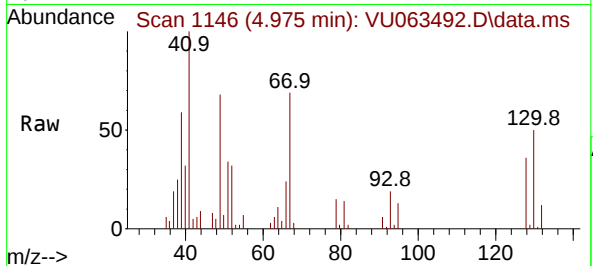




#41
Methacrylonitrile
Concen: 20.351 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.010 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

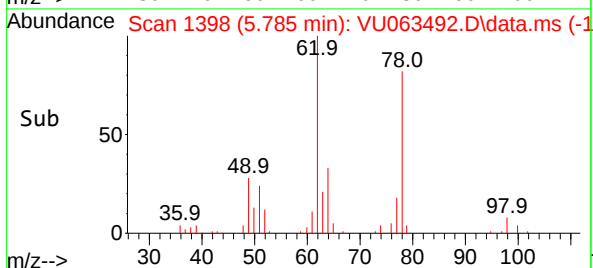
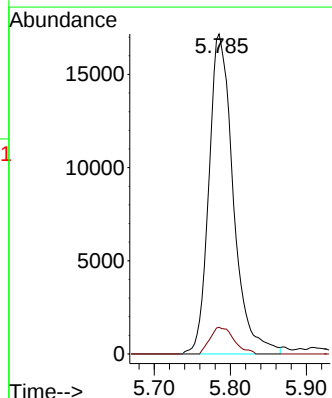
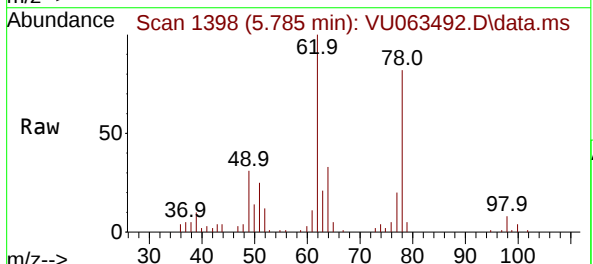
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

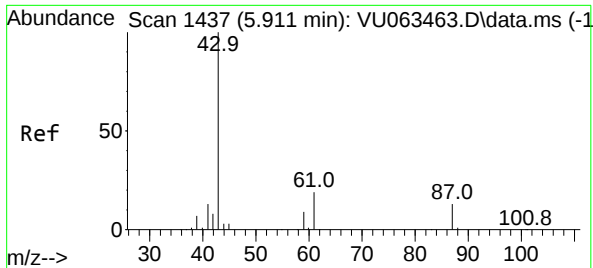
Tgt Ion: 41 Resp: 24304
Ion Ratio Lower Upper
41 100
39 55.2 43.6 65.4
67 77.6 62.8 94.2
52 31.9 26.2 39.2



#42
1,2-Dichloroethane
Concen: 20.842 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 62 Resp: 38250
Ion Ratio Lower Upper
62 100
98 8.2 0.0 17.6

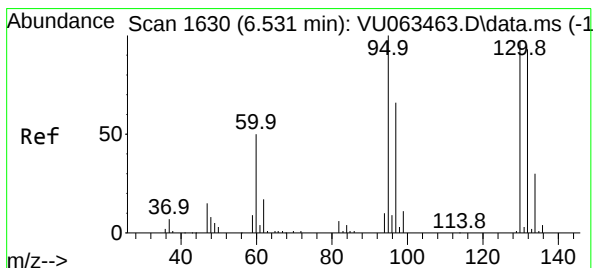
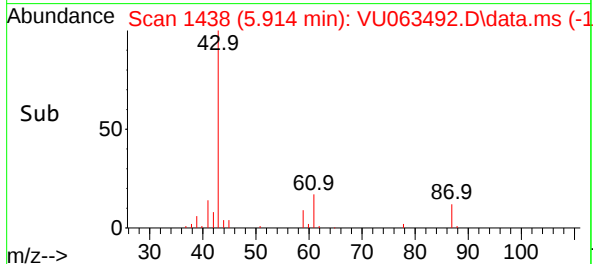
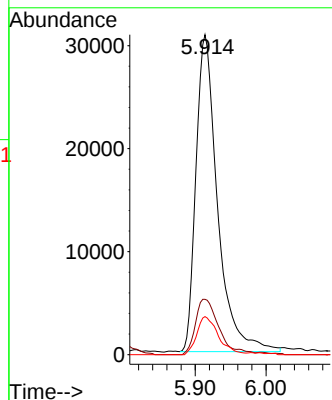
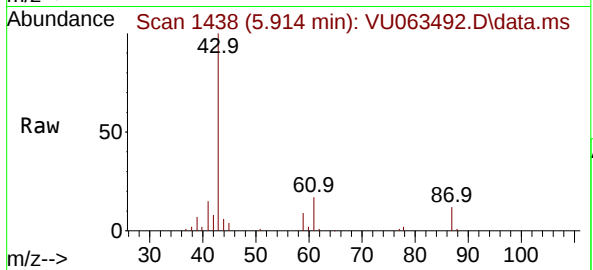




#43
Isopropyl Acetate
Concen: 19.362 ug/l
RT: 5.914 min Scan# 1437
Delta R.T. 0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

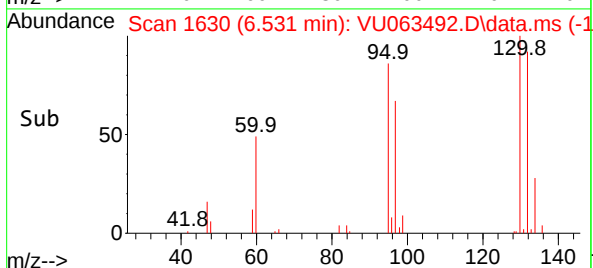
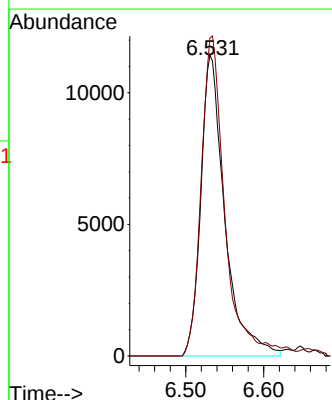
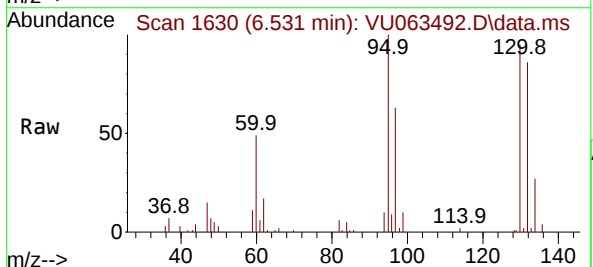
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

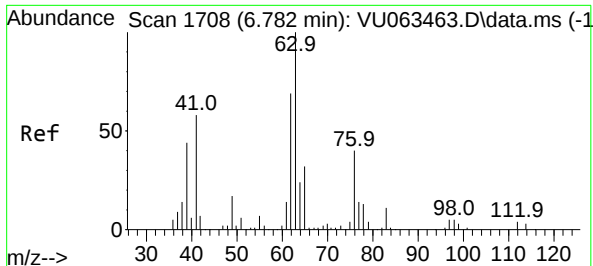
Tgt Ion: 43 Resp: 65093
Ion Ratio Lower Upper
43 100
61 19.0 15.4 23.2
87 12.0 10.5 15.7



#44
Trichloroethene
Concen: 18.661 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion:130 Resp: 24373
Ion Ratio Lower Upper
130 100
95 105.8 0.0 206.4





#45

1,2-Dichloropropane

Concen: 19.922 ug/l

RT: 6.782 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

Instrument :

MSVOA_U

ClientSampleId :

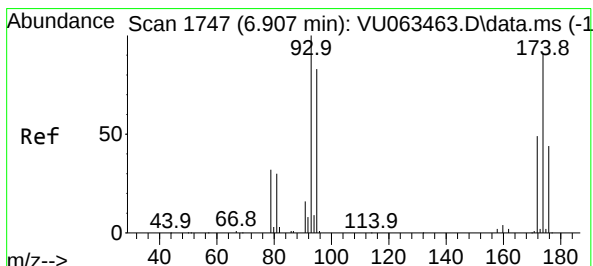
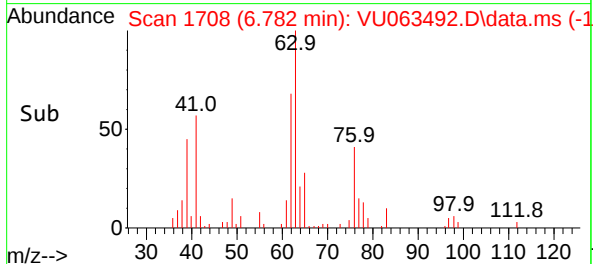
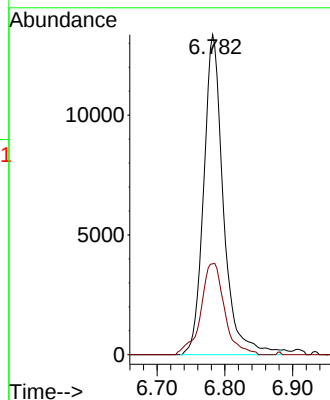
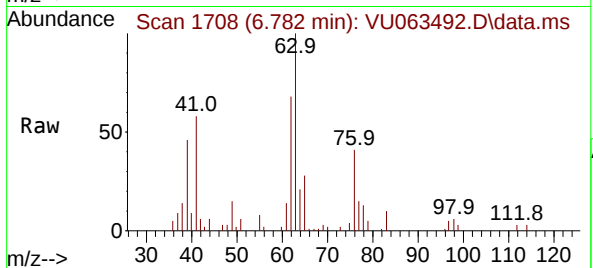
VU0711WBS02

Tgt Ion: 63 Resp: 27030

Ion Ratio Lower Upper

63 100

65 27.6 25.3 37.9



#46

Dibromomethane

Concen: 20.686 ug/l

RT: 6.910 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

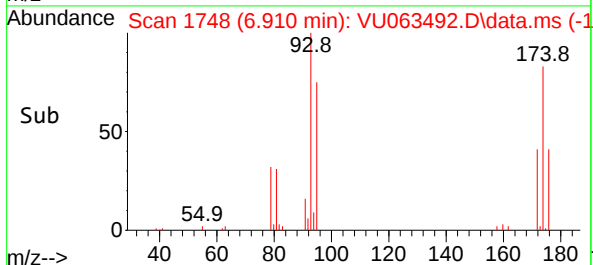
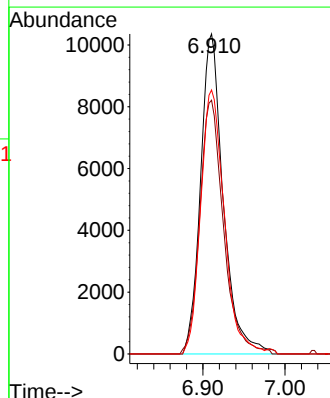
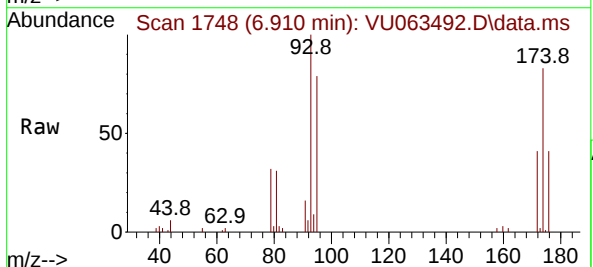
Tgt Ion: 93 Resp: 19969

Ion Ratio Lower Upper

93 100

95 82.6 67.5 101.3

174 85.4 73.1 109.7

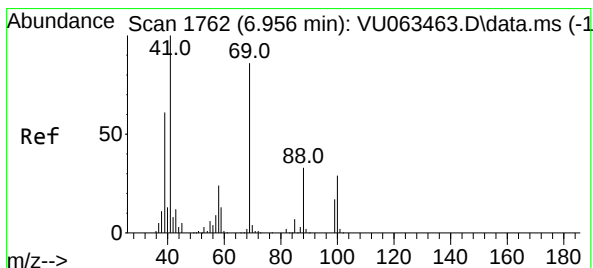
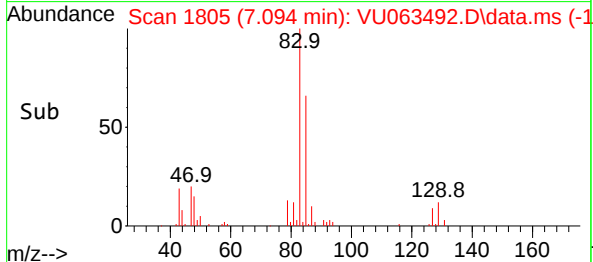
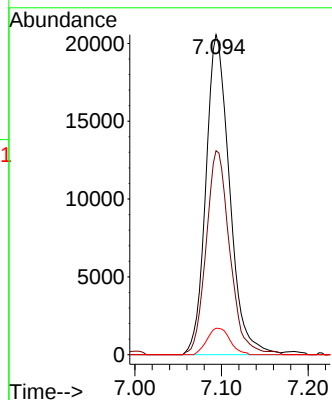
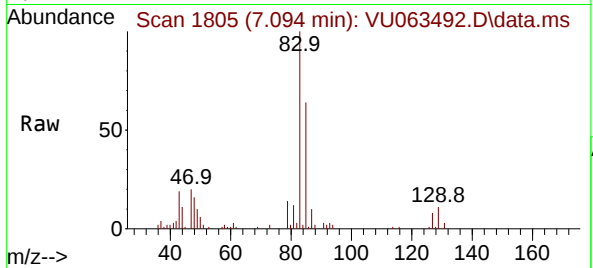




#47
Bromodichloromethane
Concen: 19.469 ug/l
RT: 7.094 min Scan# 1805
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

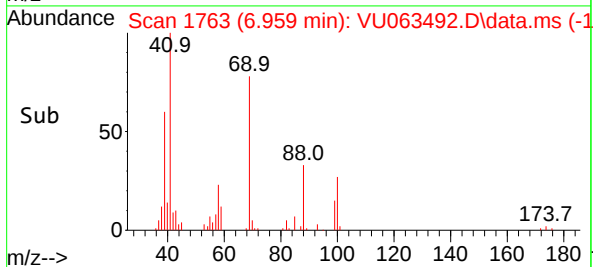
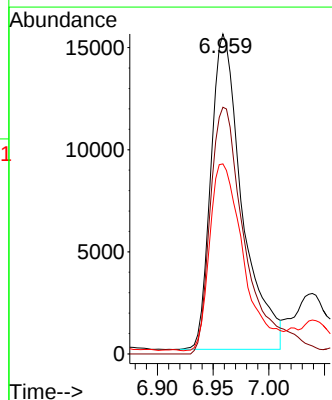
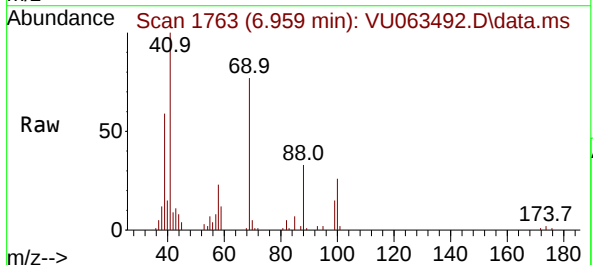
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

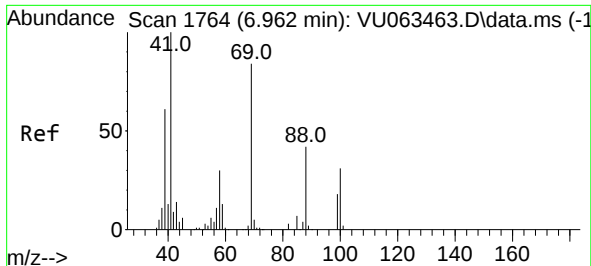
Tgt Ion: 83 Resp: 39081
Ion Ratio Lower Upper
83 100
85 63.8 51.4 77.0
127 8.2 7.0 10.4



#48
Methyl methacrylate
Concen: 19.431 ug/l
RT: 6.959 min Scan# 1763
Delta R.T. 0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 41 Resp: 30191
Ion Ratio Lower Upper
41 100
69 88.6 69.8 104.8
39 64.8 48.3 72.5

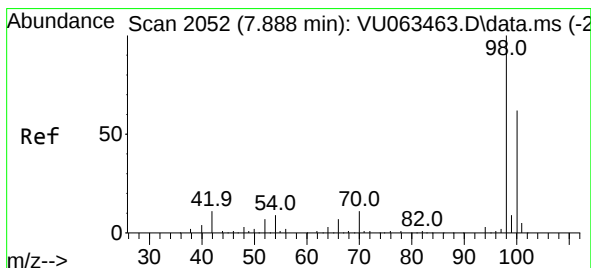
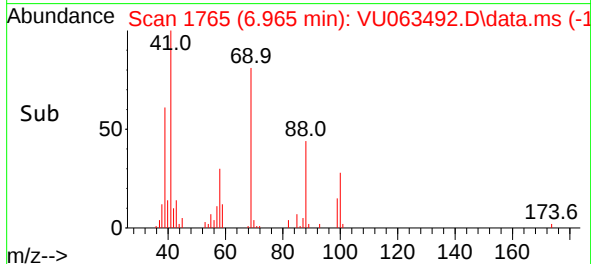
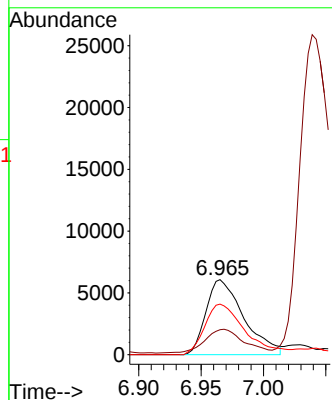
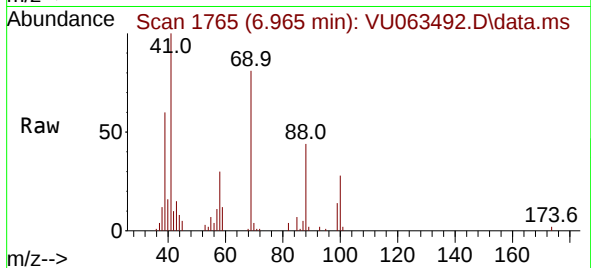




#49
1,4-Dioxane
Concen: 376.408 ug/l
RT: 6.965 min Scan# 1765
Delta R.T. 0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

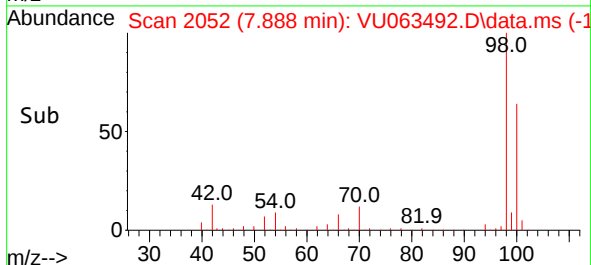
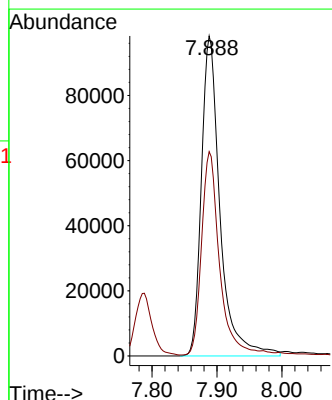
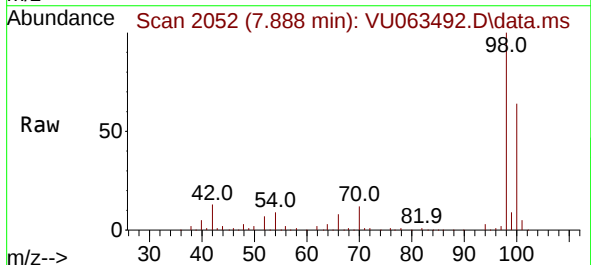
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

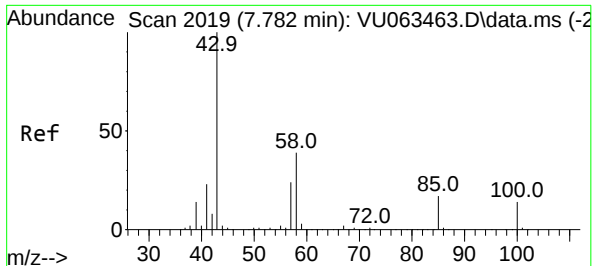
Tgt Ion: 88 Resp: 12834
Ion Ratio Lower Upper
88 100
43 32.0 25.6 38.4
58 71.2 55.0 82.6



#50
Toluene-d8
Concen: 52.296 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 98 Resp: 196066
Ion Ratio Lower Upper
98 100
100 60.5 48.1 72.1





#51

4-Methyl-2-Pentanone

Concen: 105.411 ug/l

RT: 7.785 min Scan# 2019

Delta R.T. 0.003 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

Instrument :

MSVOA_U

ClientSampleId :

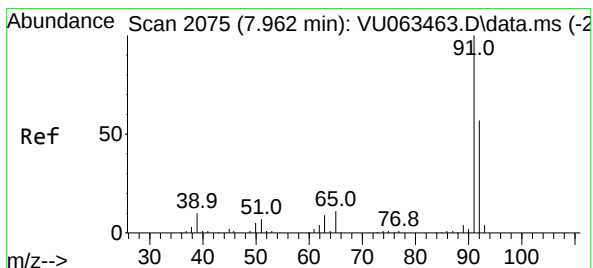
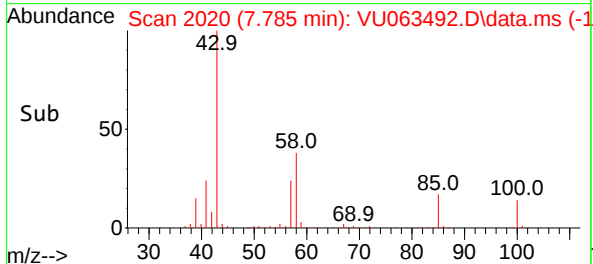
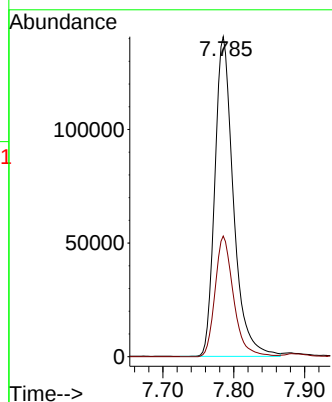
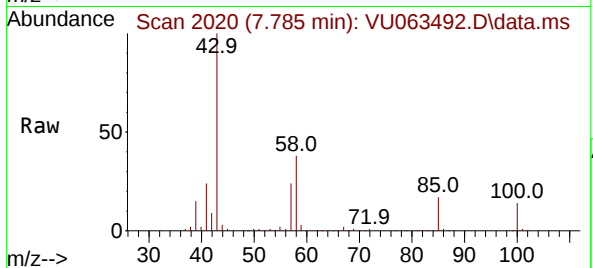
VU0711WBS02

Tgt Ion: 43 Resp: 256490

Ion Ratio Lower Upper

43 100

58 37.5 31.0 46.4



#52

Toluene

Concen: 18.280 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU063492.D

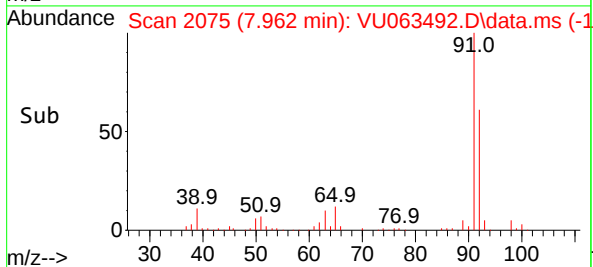
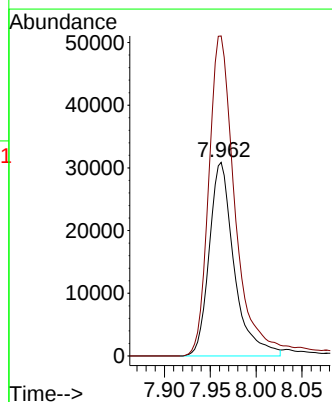
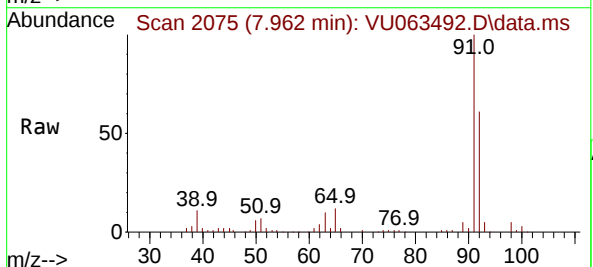
Acq: 11 Jul 2025 12:51

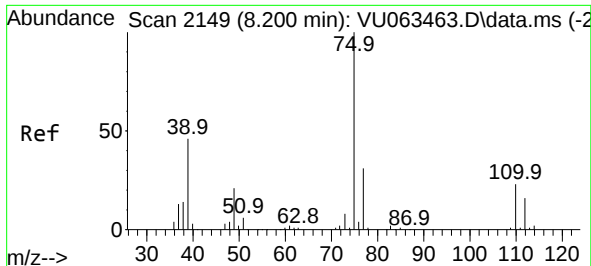
Tgt Ion: 92 Resp: 58356

Ion Ratio Lower Upper

92 100

91 178.0 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 17.519 ug/l

RT: 8.203 min Scan# 2149

Delta R.T. 0.003 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

Instrument :

MSVOA_U

ClientSampleId :

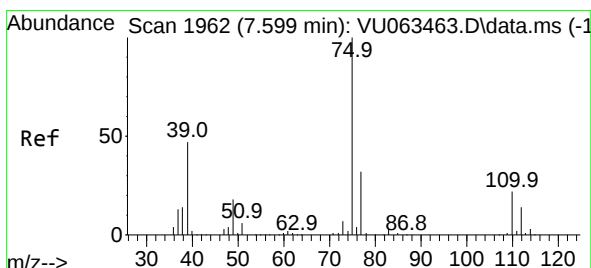
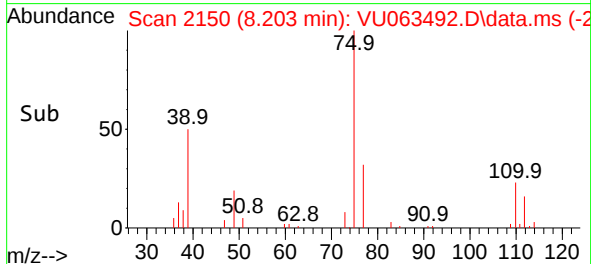
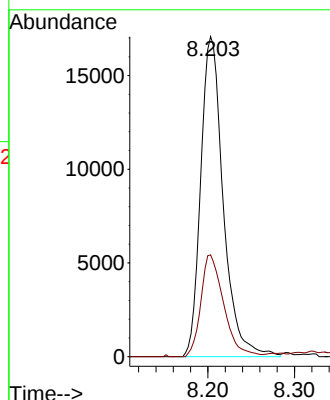
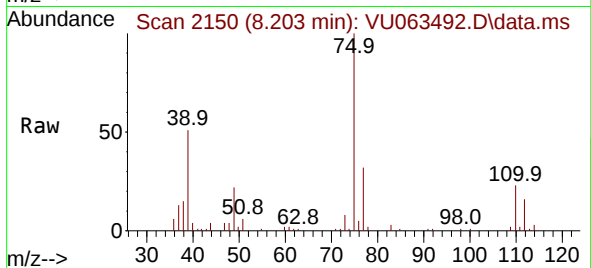
VU0711WBS02

Tgt Ion: 75 Resp: 30774

Ion Ratio Lower Upper

75 100

77 31.8 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 19.198 ug/l

RT: 7.599 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

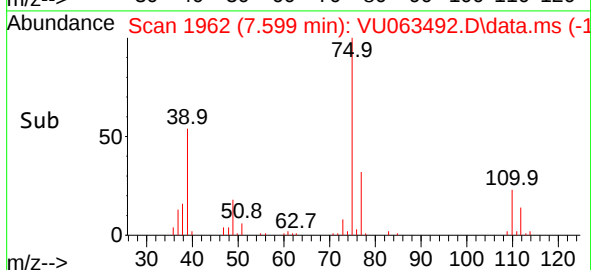
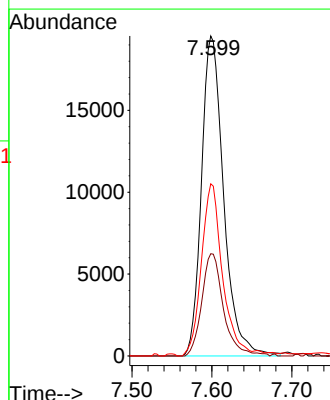
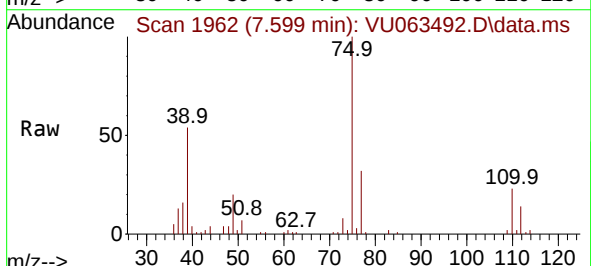
Tgt Ion: 75 Resp: 37750

Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.0

39 53.8 37.2 55.8

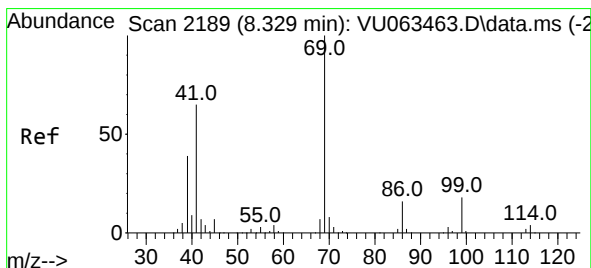
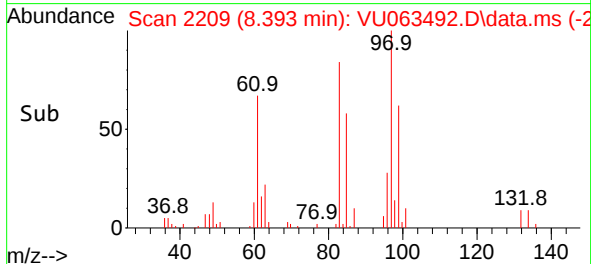
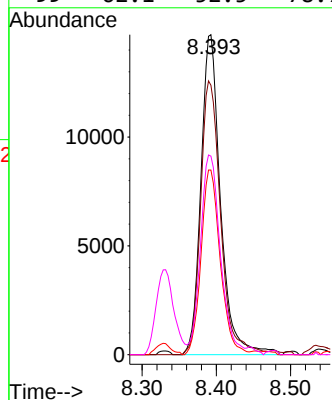
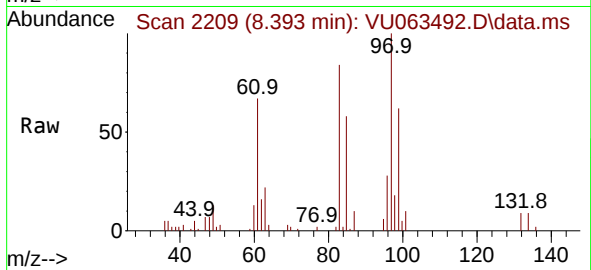




#55
 1,1,2-Trichloroethane
 Concen: 19.909 ug/l
 RT: 8.393 min Scan# 2189
 Delta R.T. 0.003 min
 Lab File: VU063492.D
 Acq: 11 Jul 2025 12:51

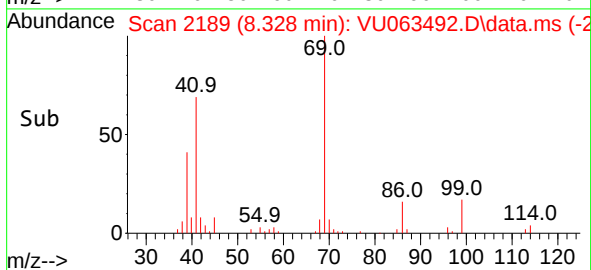
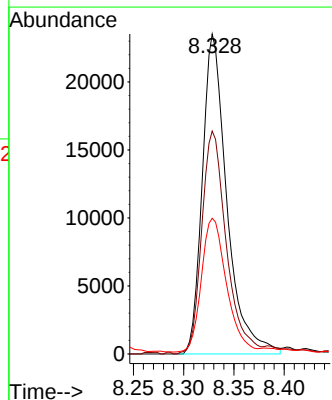
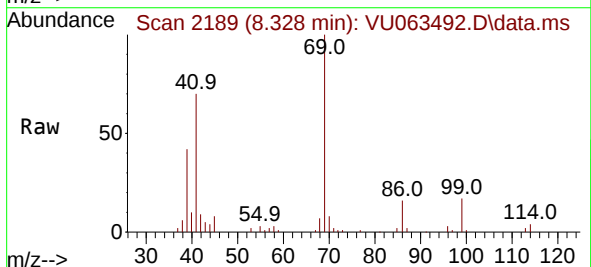
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS02

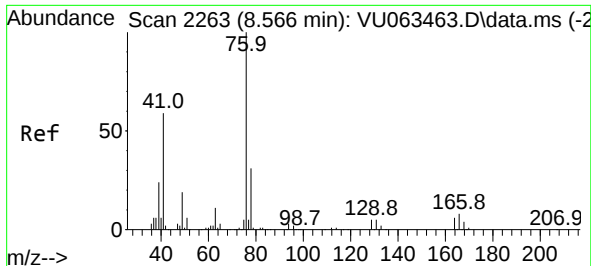
Tgt Ion:	97	Resp:	26991
Ion	Ratio	Lower	Upper
97	100		
83	84.2	74.2	111.4
85	57.7	45.8	68.8
99	62.1	52.5	78.7



#56
 Ethyl methacrylate
 Concen: 18.279 ug/l
 RT: 8.328 min Scan# 2189
 Delta R.T. -0.000 min
 Lab File: VU063492.D
 Acq: 11 Jul 2025 12:51

Tgt Ion:	69	Resp:	39975
Ion	Ratio	Lower	Upper
69	100		
41	69.9	53.0	79.6
39	42.4	31.0	46.4





#57

1,3-Dichloropropane

Concen: 20.082 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

Instrument :

MSVOA_U

ClientSampleId :

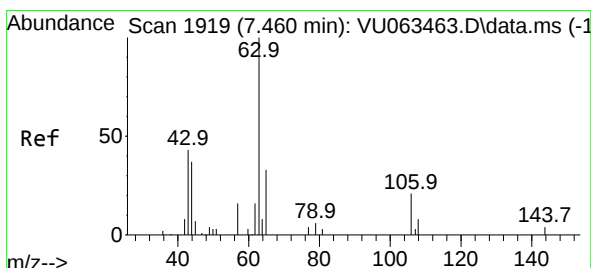
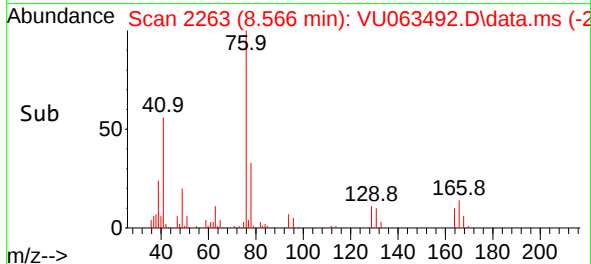
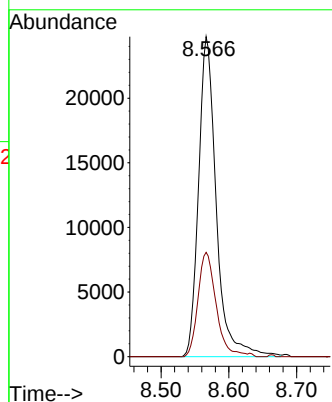
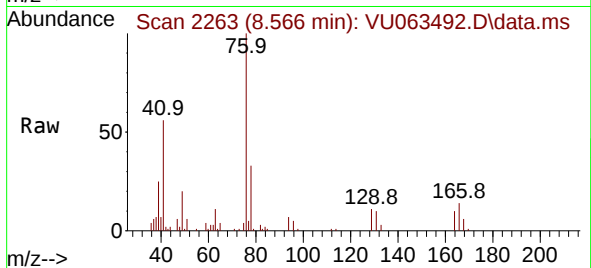
VU0711WBS02

Tgt Ion: 76 Resp: 44879

Ion Ratio Lower Upper

76 100

78 33.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 114.358 ug/l

RT: 7.463 min Scan# 1920

Delta R.T. 0.003 min

Lab File: VU063492.D

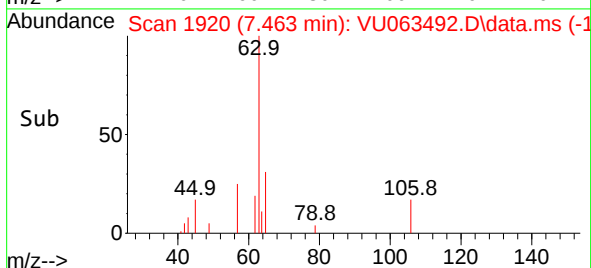
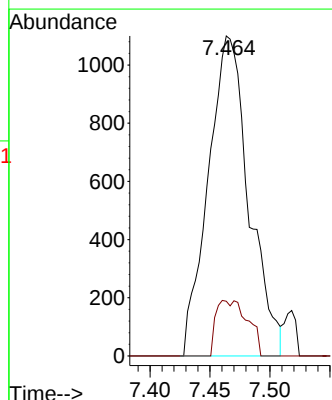
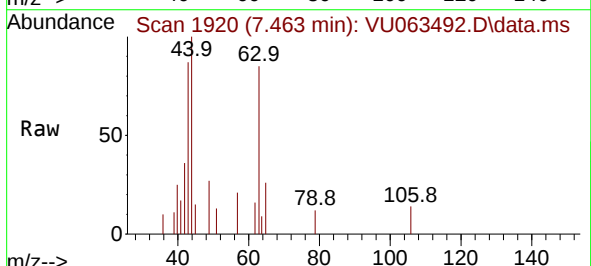
Acq: 11 Jul 2025 12:51

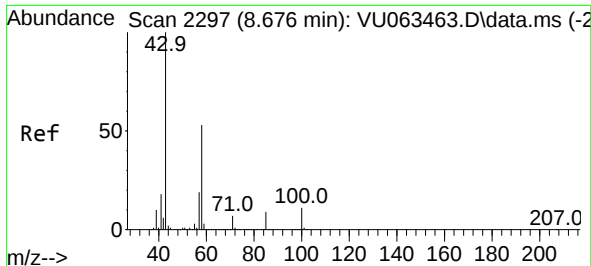
Tgt Ion: 63 Resp: 2597

Ion Ratio Lower Upper

63 100

106 13.5 11.5 17.3

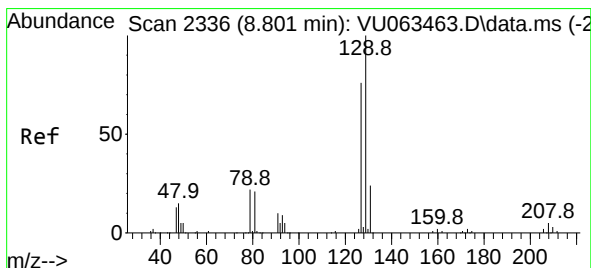
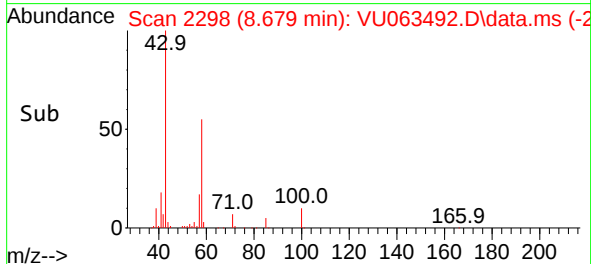
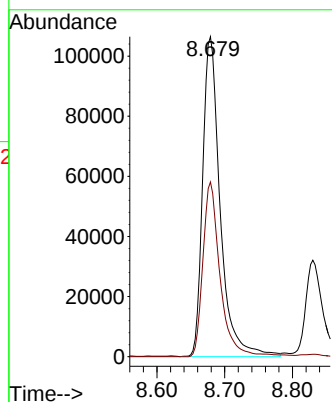
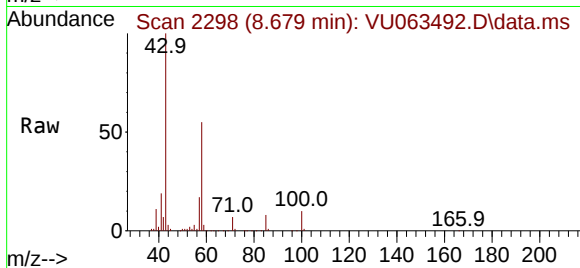




#59
2-Hexanone
Concen: 103.883 ug/l
RT: 8.679 min Scan# 2297
Delta R.T. 0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

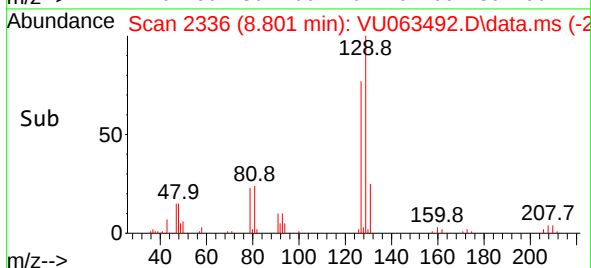
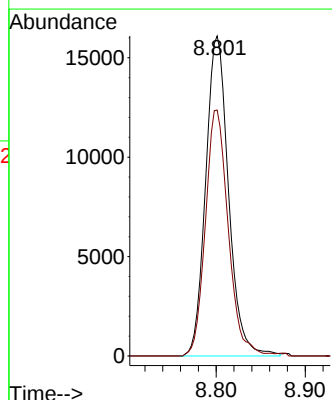
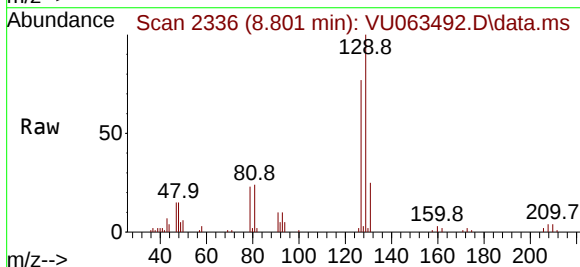
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

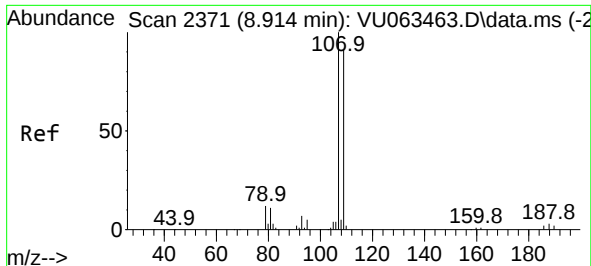
Tgt Ion: 43 Resp: 191187
Ion Ratio Lower Upper
43 100
58 53.4 26.9 80.7



#60
Dibromochloromethane
Concen: 18.877 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 129 Resp: 28669
Ion Ratio Lower Upper
129 100
127 76.7 39.1 117.2

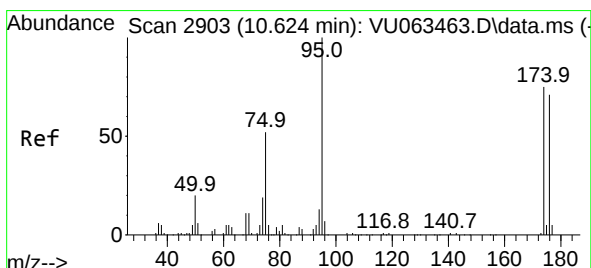
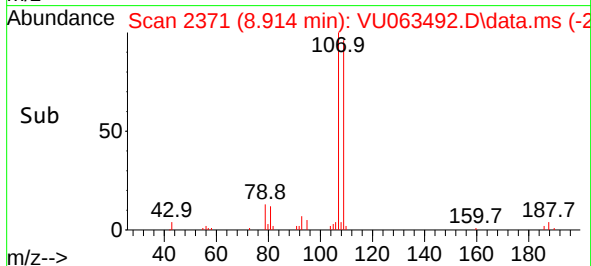
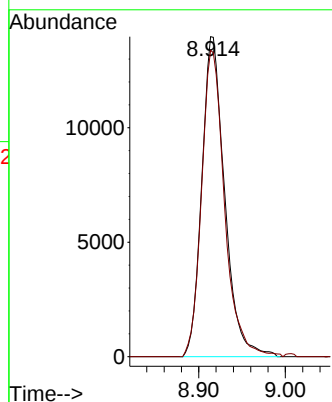
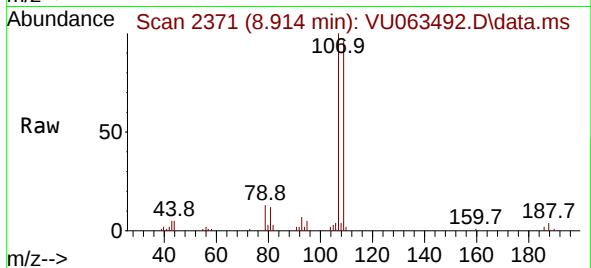




#61
1,2-Dibromoethane
Concen: 19.277 ug/l
RT: 8.914 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

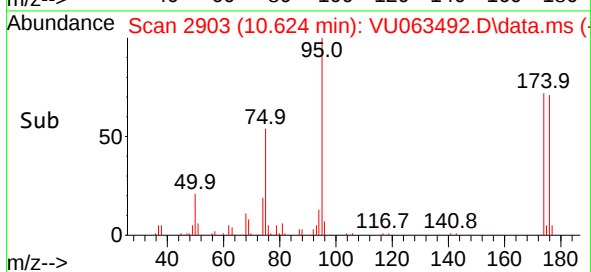
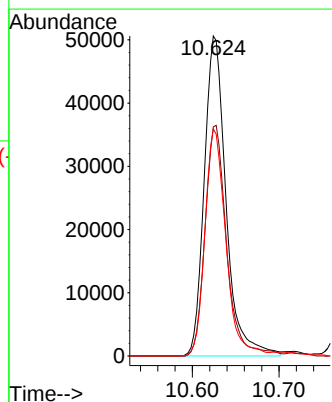
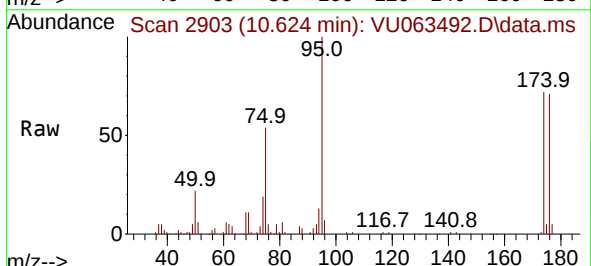
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

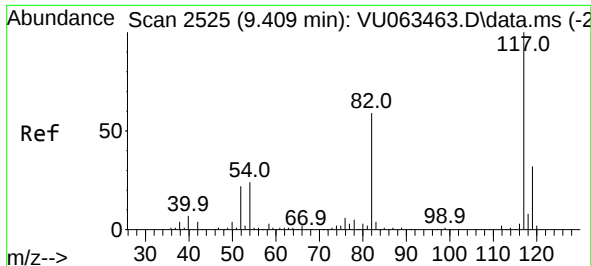
Tgt Ion:107 Resp: 25651
Ion Ratio Lower Upper
107 100
109 96.3 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 53.991 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 95 Resp: 88539
Ion Ratio Lower Upper
95 100
174 71.1 0.0 153.6
176 68.1 0.0 145.8

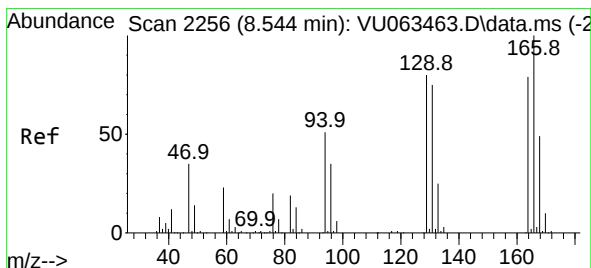
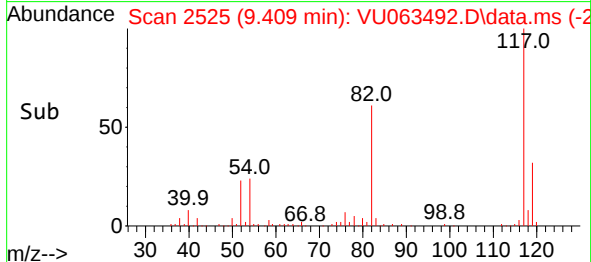
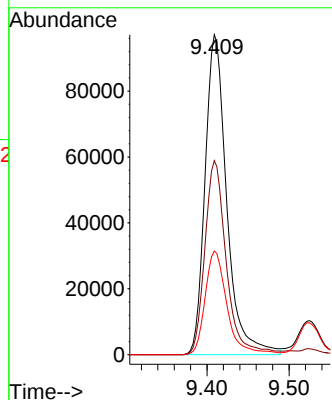
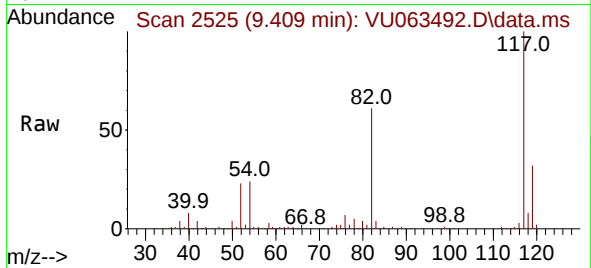




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

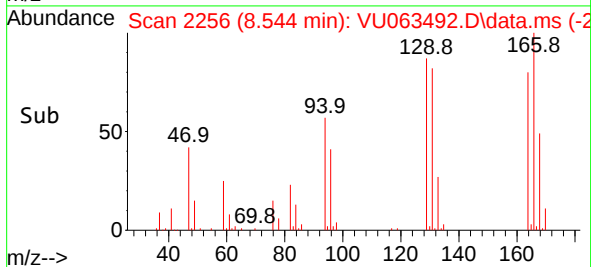
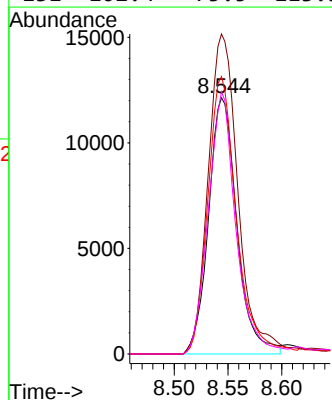
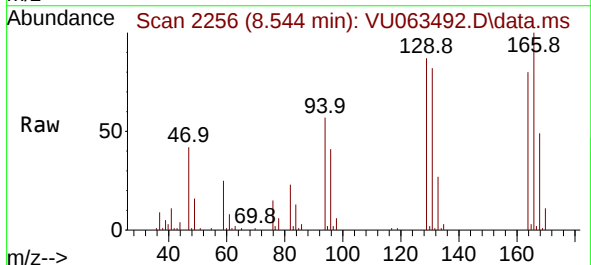
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

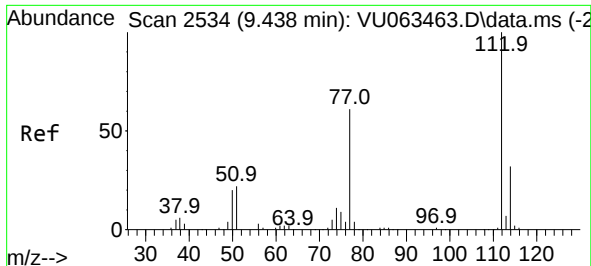
Tgt Ion:117 Resp: 178690
Ion Ratio Lower Upper
117 100
82 60.6 47.1 70.7
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 16.727 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion:164 Resp: 22251
Ion Ratio Lower Upper
164 100
166 124.9 100.9 151.3
129 108.2 80.9 121.3
131 102.4 75.5 113.3

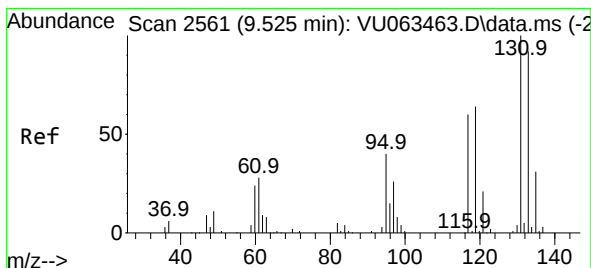
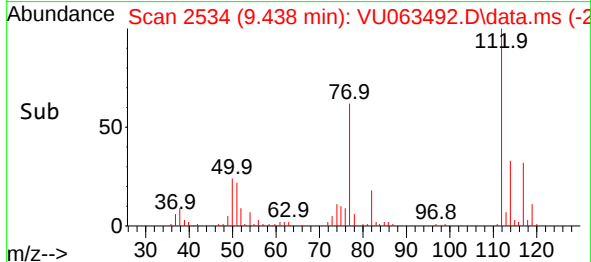
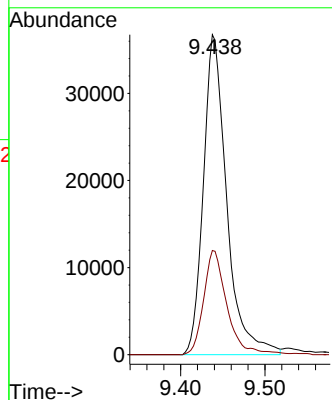
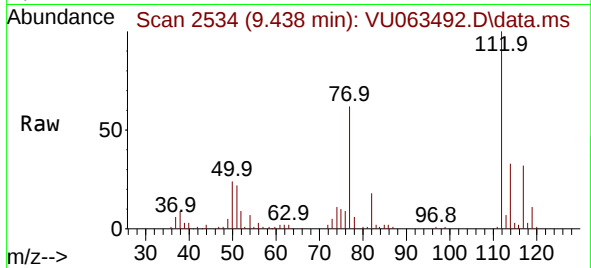




#65
Chlorobenzene
Concen: 19.067 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

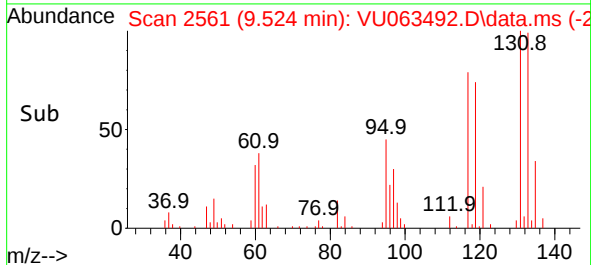
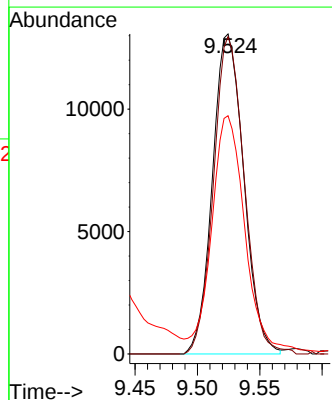
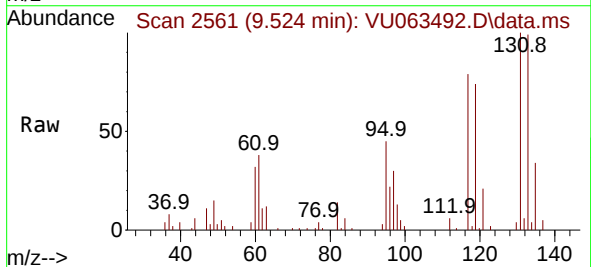
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

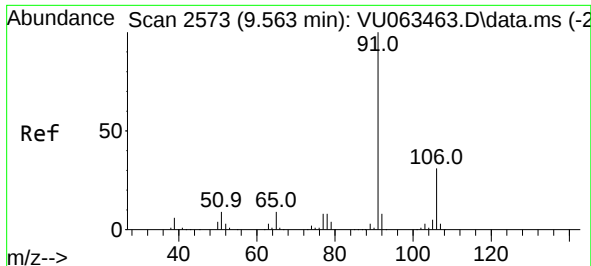
Tgt Ion:112 Resp: 70883
Ion Ratio Lower Upper
112 100
114 32.5 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 17.931 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion:131 Resp: 22861
Ion Ratio Lower Upper
131 100
133 97.8 46.4 139.2
119 78.1 33.3 99.9





#67

Ethyl Benzene

Concen: 18.829 ug/l

RT: 9.563 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

Instrument :

MSVOA_U

ClientSampleId :

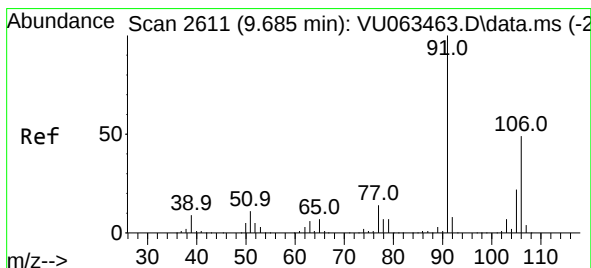
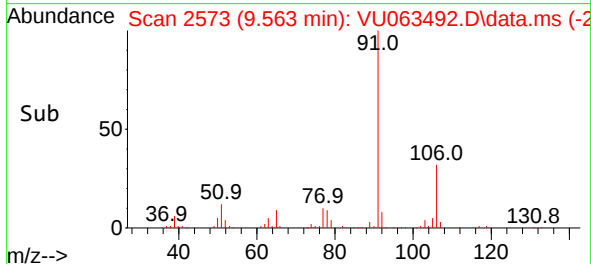
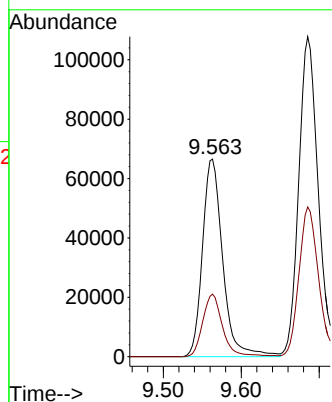
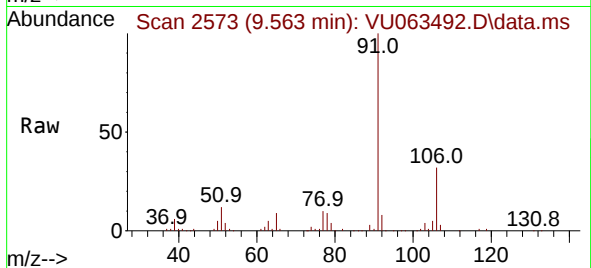
VU0711WBS02

Tgt Ion: 91 Resp: 120310

Ion Ratio Lower Upper

91 100

106 31.7 24.5 36.7



#68

m/p-Xylenes

Concen: 36.977 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU063492.D

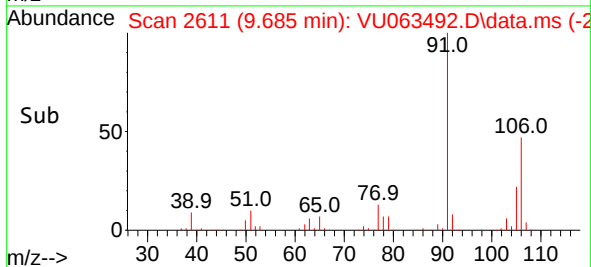
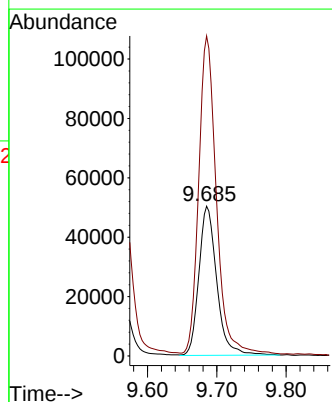
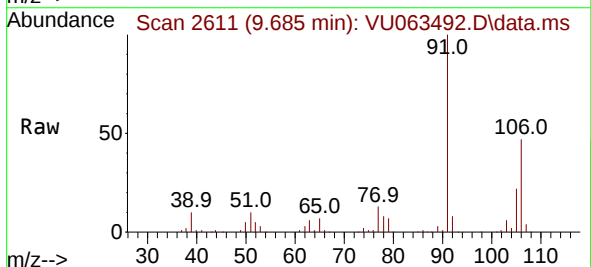
Acq: 11 Jul 2025 12:51

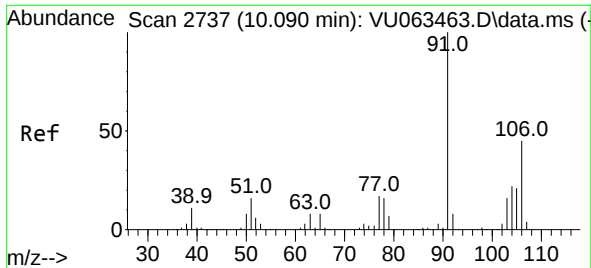
Tgt Ion:106 Resp: 90170

Ion Ratio Lower Upper

106 100

91 210.7 163.6 245.4

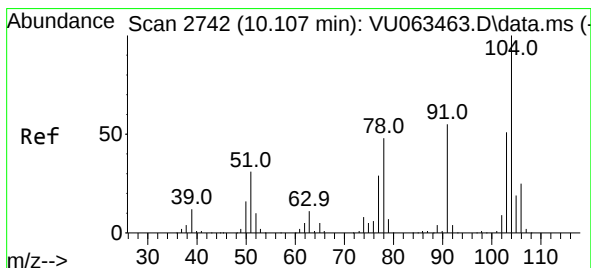
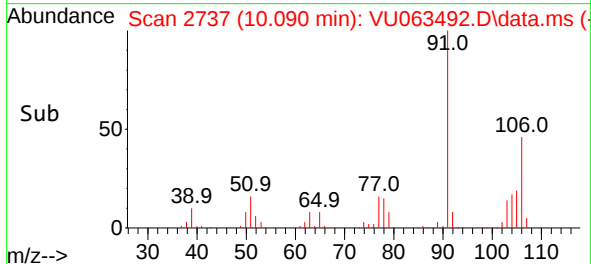
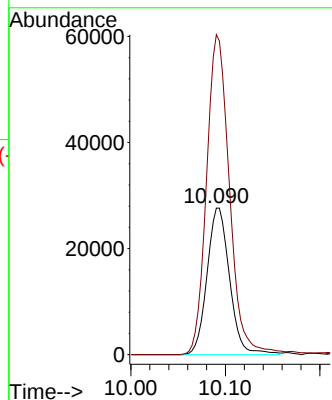
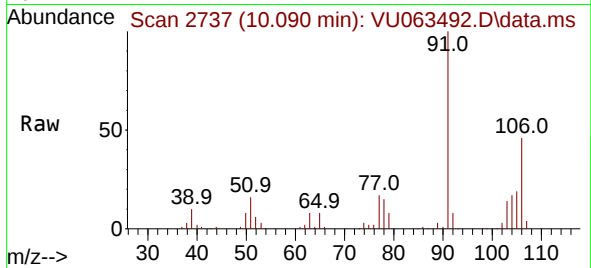




#69
o-Xylene
Concen: 18.474 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

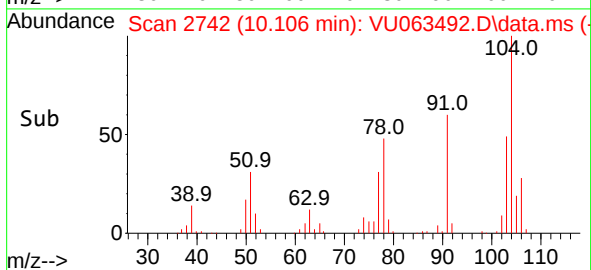
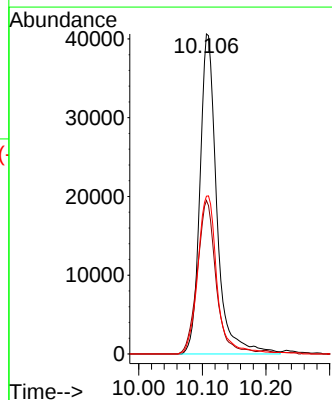
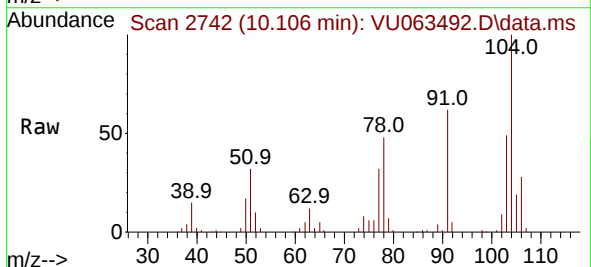
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

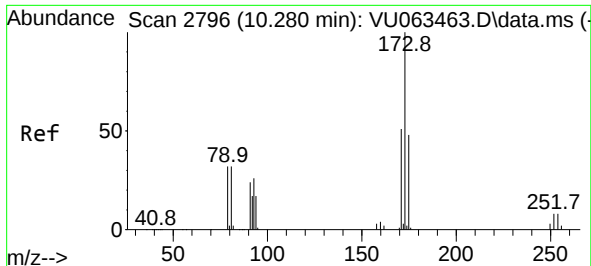
Tgt Ion:106 Resp: 45801
Ion Ratio Lower Upper
106 100
91 222.0 110.7 331.9



#70
Styrene
Concen: 19.066 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion:104 Resp: 75160
Ion Ratio Lower Upper
104 100
78 53.2 41.4 62.0
103 56.4 44.3 66.5

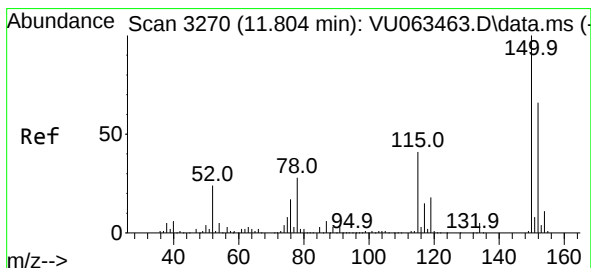
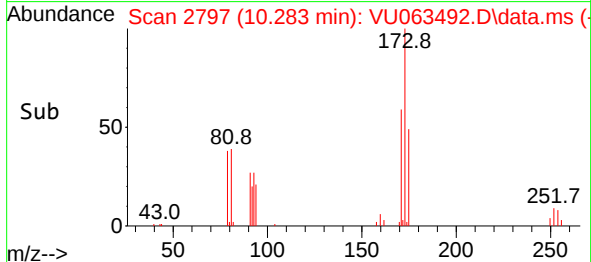
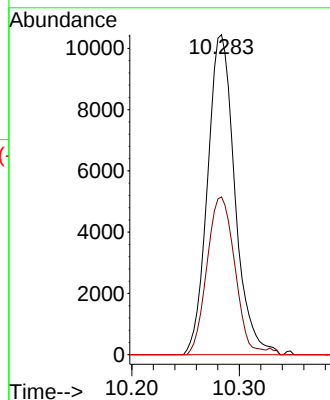
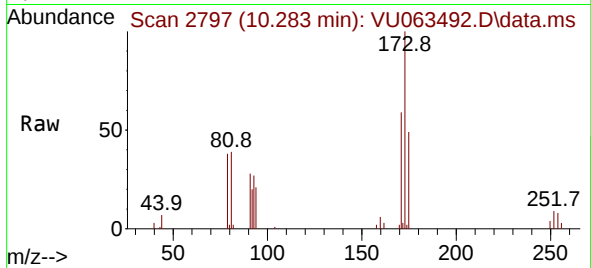




#71
Bromoform
Concen: 16.603 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

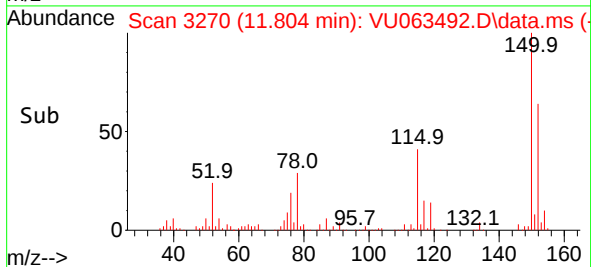
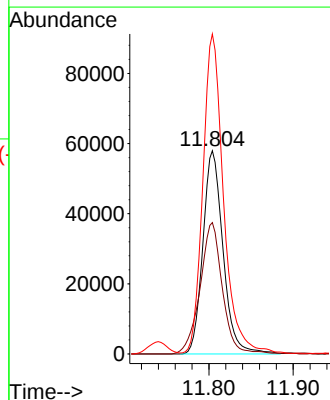
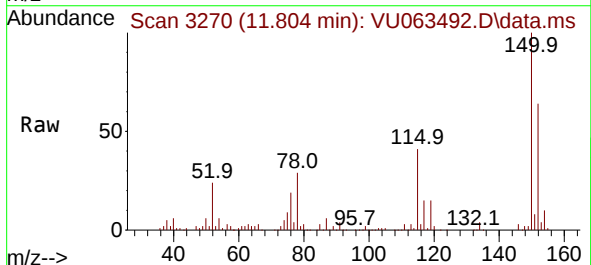
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

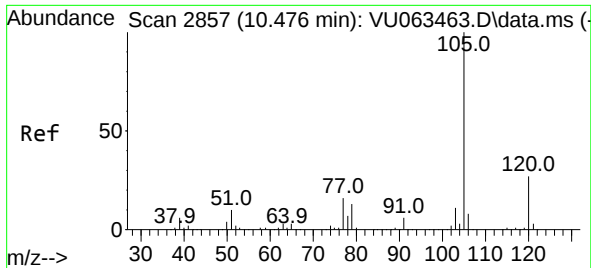
Tgt Ion:173 Resp: 18451
Ion Ratio Lower Upper
173 100
175 50.1 24.0 72.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.804 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion:152 Resp: 96689
Ion Ratio Lower Upper
152 100
115 71.4 43.4 130.2
150 160.9 0.0 341.4

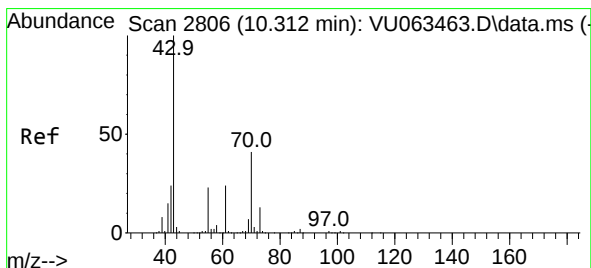
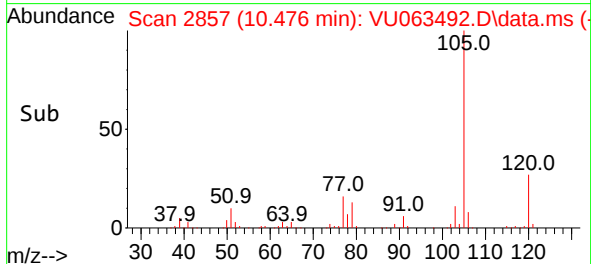
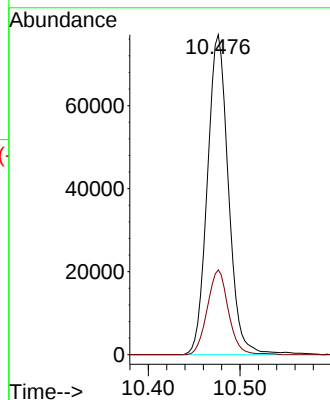
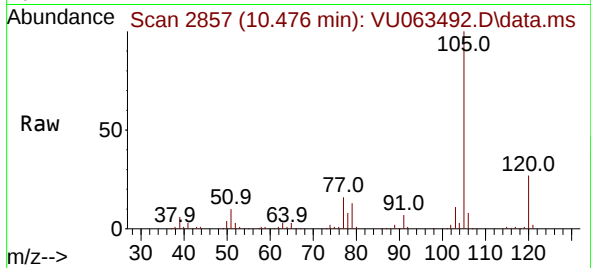




#73
Isopropylbenzene
Concen: 18.669 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

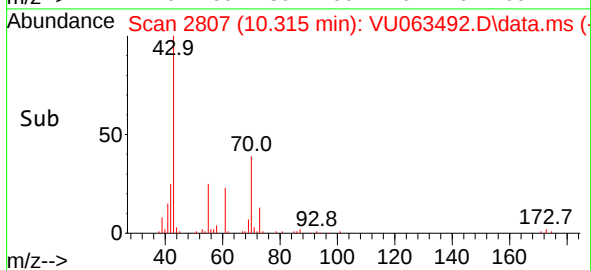
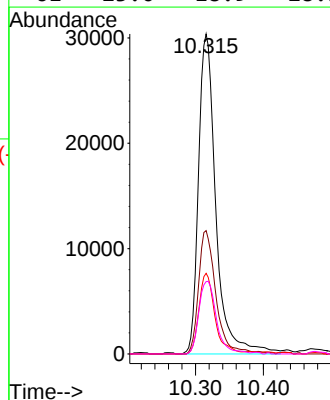
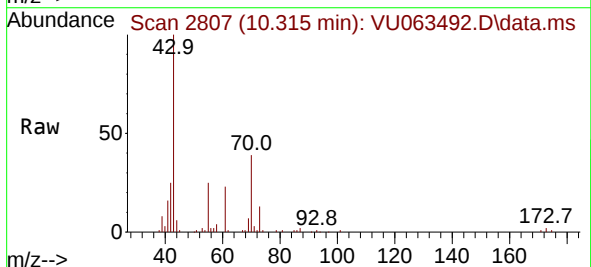
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

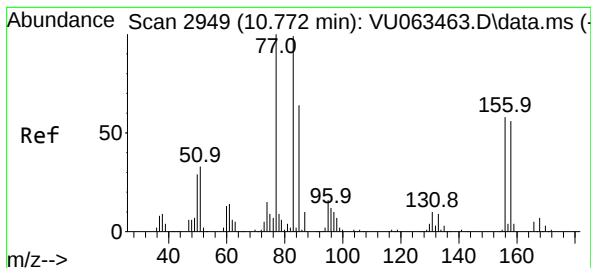
Tgt Ion:105 Resp: 122825
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 18.340 ug/l
RT: 10.315 min Scan# 2807
Delta R.T. 0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 43 Resp: 54109
Ion Ratio Lower Upper
43 100
70 38.3 32.6 48.8
55 23.2 18.6 27.8
61 23.0 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.585 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS02

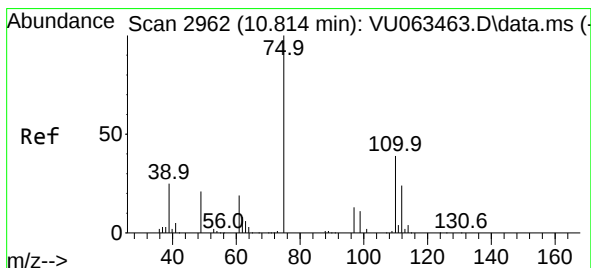
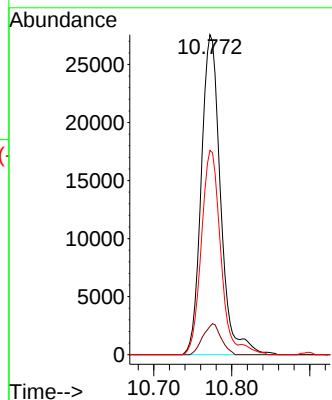
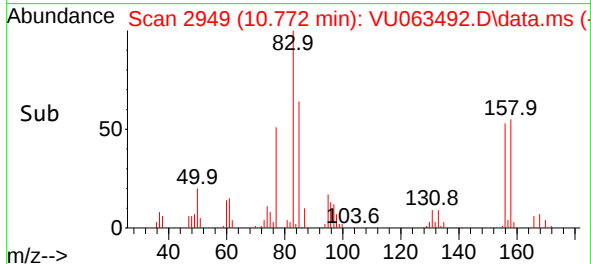
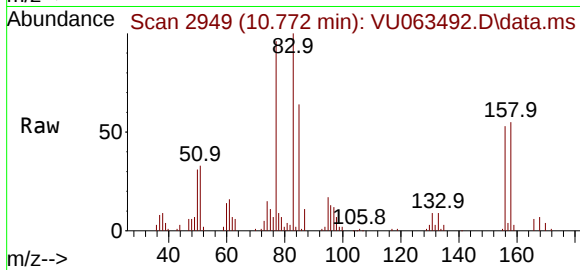
Tgt Ion: 83 Resp: 47428

Ion Ratio Lower Upper

83 100

131 9.1 4.8 14.3

85 64.4 32.3 96.8



#76

1,2,3-Trichloropropane

Concen: 18.677 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

Lab File: VU063492.D

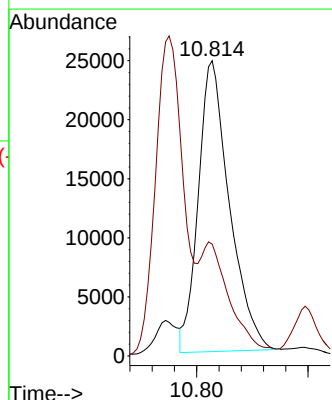
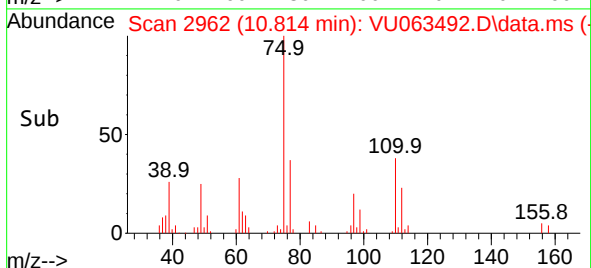
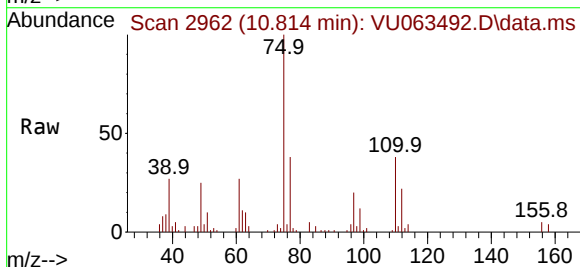
Acq: 11 Jul 2025 12:51

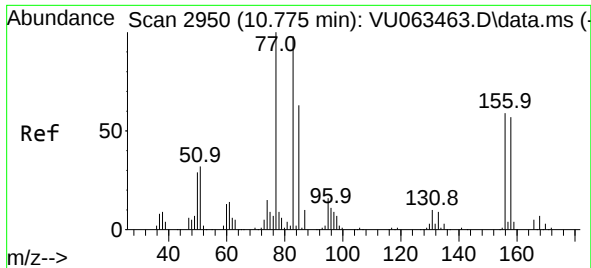
Tgt Ion: 75 Resp: 47852

Ion Ratio Lower Upper

75 100

77 0.0 3.1 9.4#

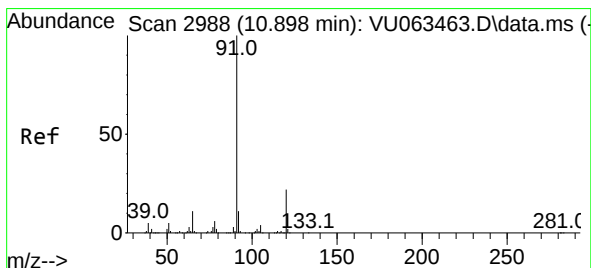
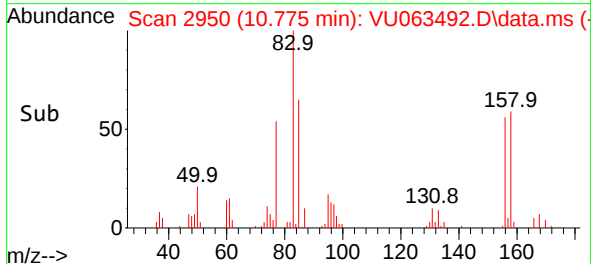
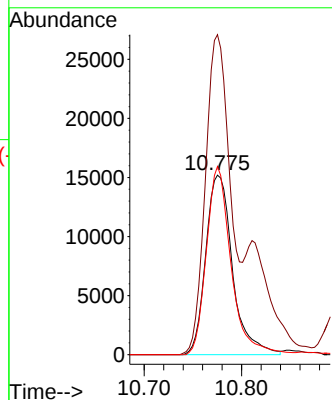
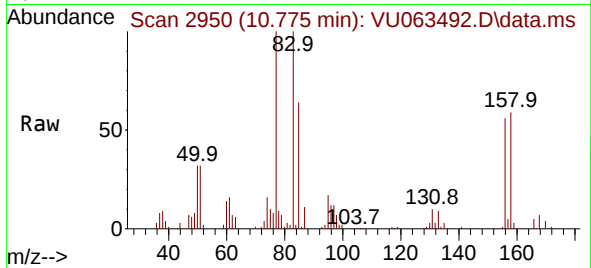




#77
Bromobenzene
Concen: 17.991 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

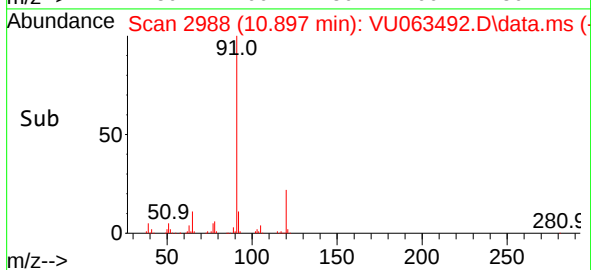
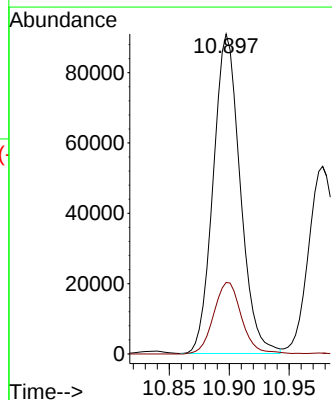
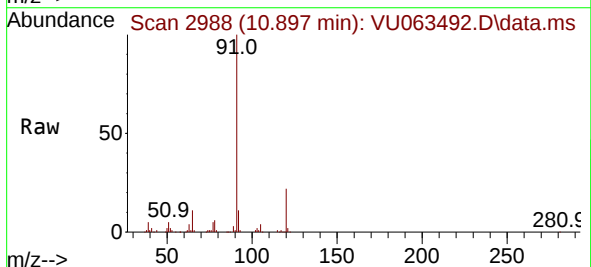
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

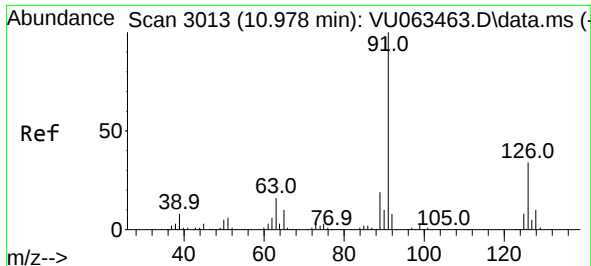
Tgt Ion:156 Resp: 29014
Ion Ratio Lower Upper
156 100
77 166.5 78.2 234.6
158 96.8 46.8 140.4



#78
n-propylbenzene
Concen: 18.608 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 91 Resp: 141977
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.4

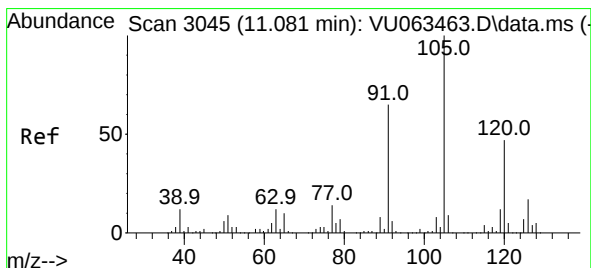
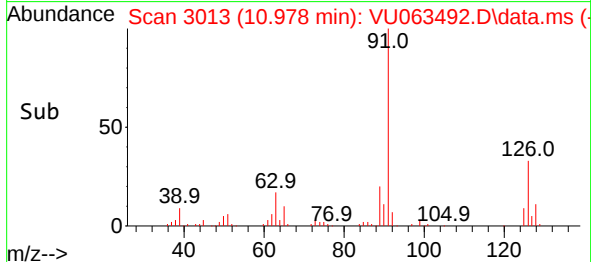
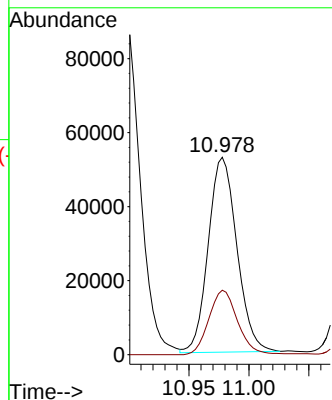
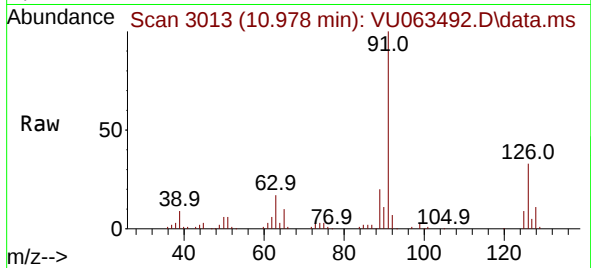




#79
2-Chlorotoluene
Concen: 18.267 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

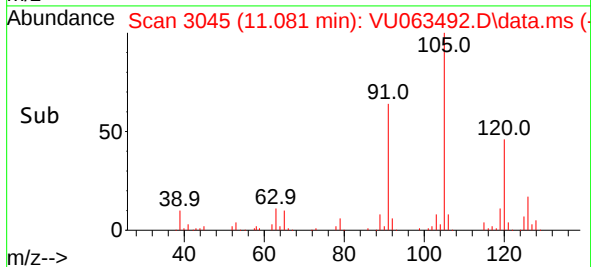
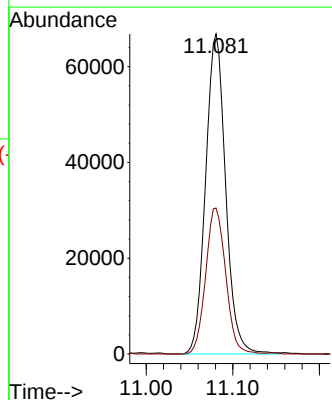
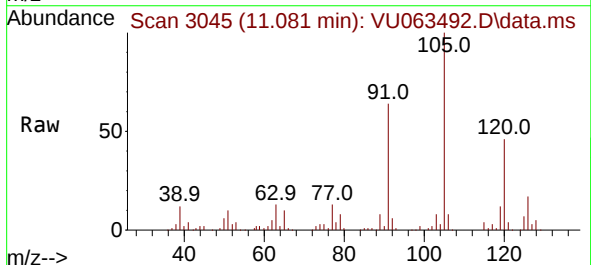
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

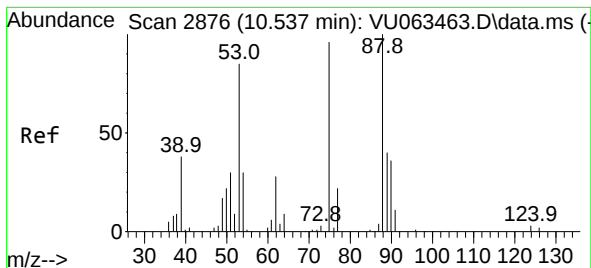
Tgt Ion: 91 Resp: 87409
Ion Ratio Lower Upper
91 100
126 33.2 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 18.652 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 105 Resp: 107333
Ion Ratio Lower Upper
105 100
120 45.7 23.4 70.2

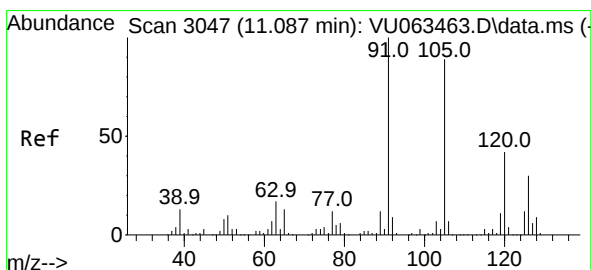
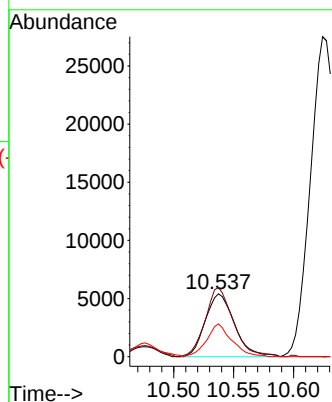
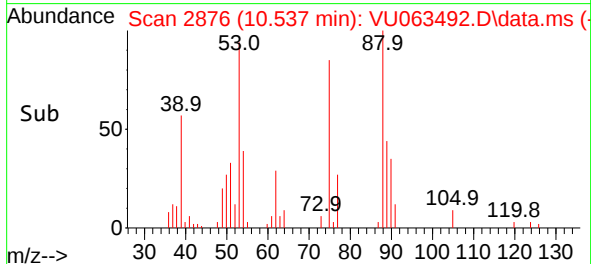
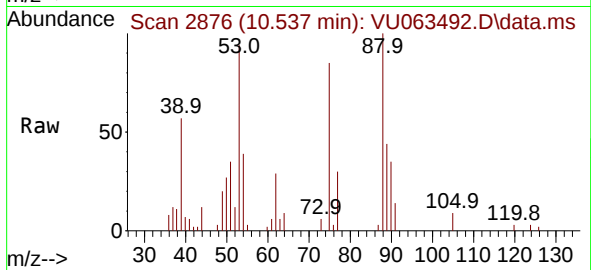




#81
trans-1,4-Dichloro-2-butene
Concen: 17.802 ug/l
RT: 10.537 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

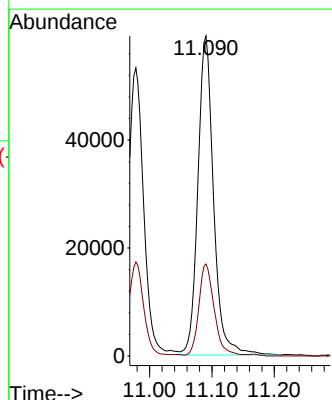
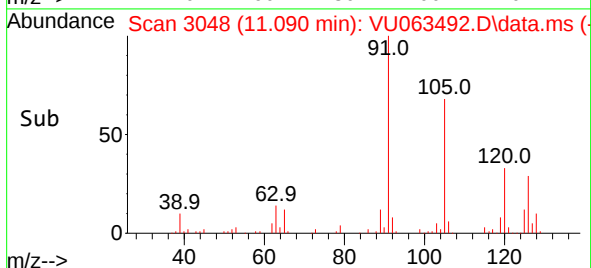
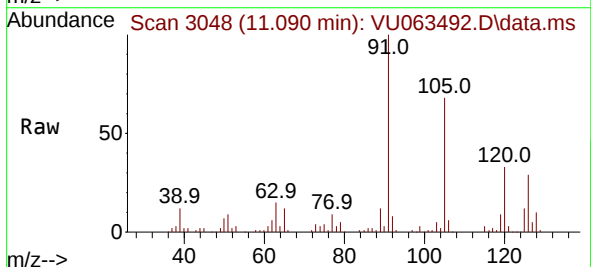
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

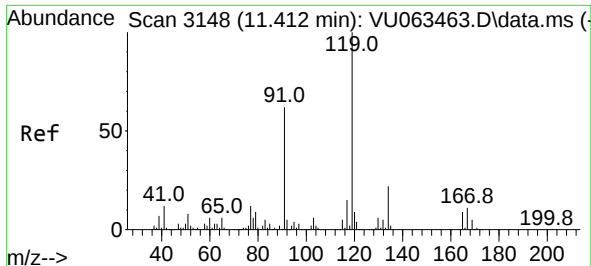
Tgt Ion: 75 Resp: 9145
Ion Ratio Lower Upper
75 100
53 105.3 74.6 111.8
89 44.8 36.3 54.5



#82
4-Chlorotoluene
Concen: 19.054 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 91 Resp: 103513
Ion Ratio Lower Upper
91 100
126 27.3 14.4 43.2

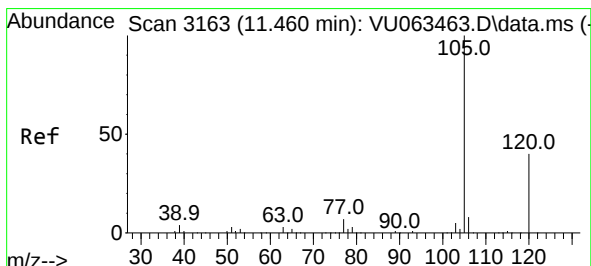
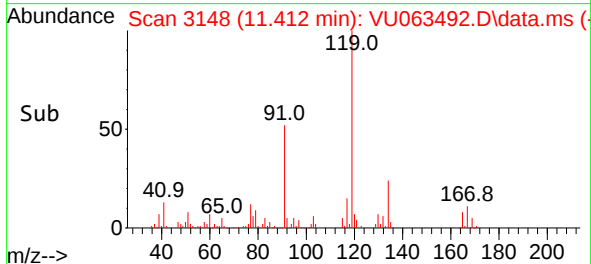
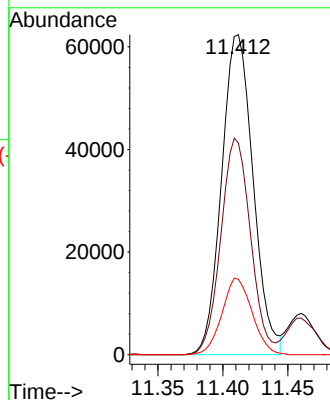
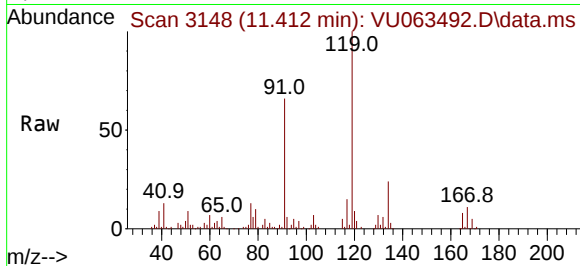




#83
tert-Butylbenzene
Concen: 19.106 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

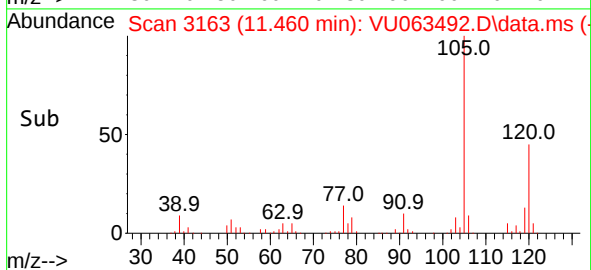
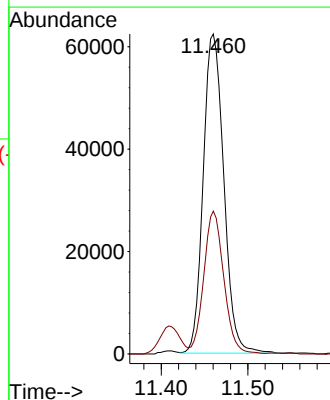
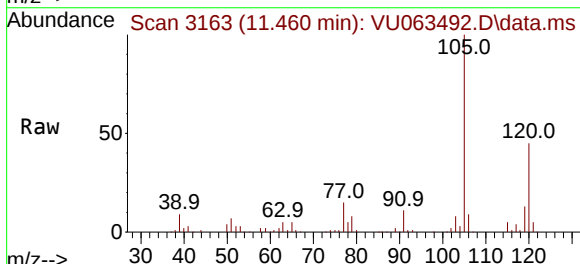
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

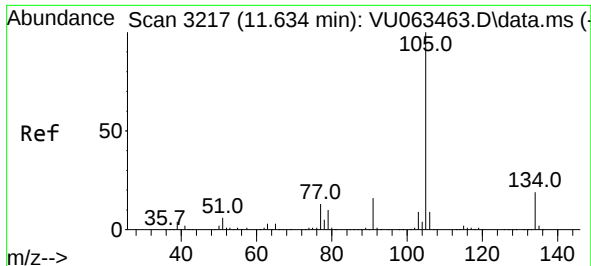
Tgt Ion:119 Resp: 105436
Ion Ratio Lower Upper
119 100
91 63.8 30.3 91.0
134 22.8 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 18.195 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion:105 Resp: 102812
Ion Ratio Lower Upper
105 100
120 43.2 22.1 66.3

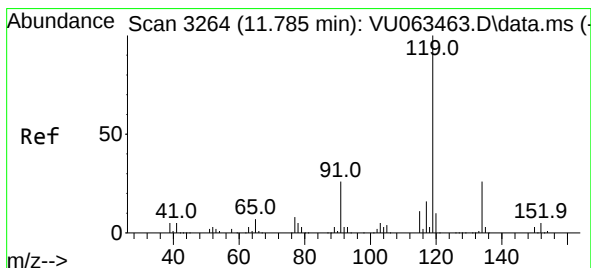
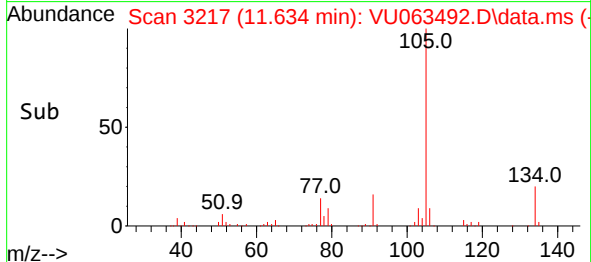
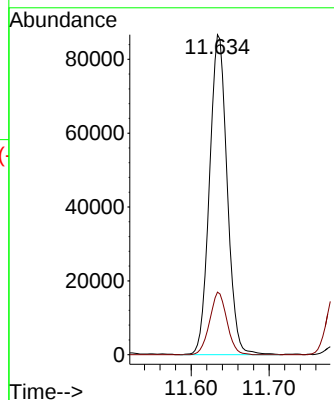
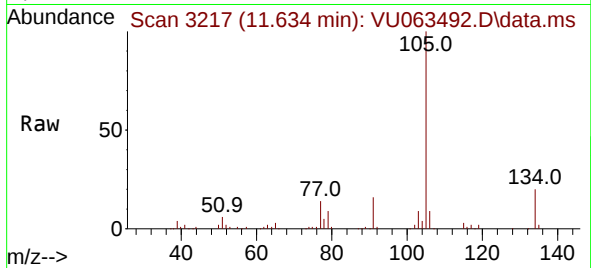




#85
 sec-Butylbenzene
 Concen: 18.755 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063492.D
 Acq: 11 Jul 2025 12:51

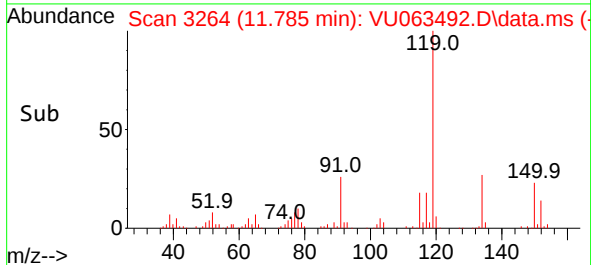
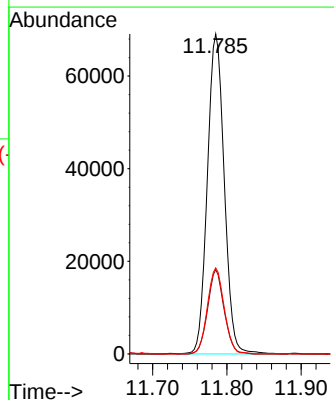
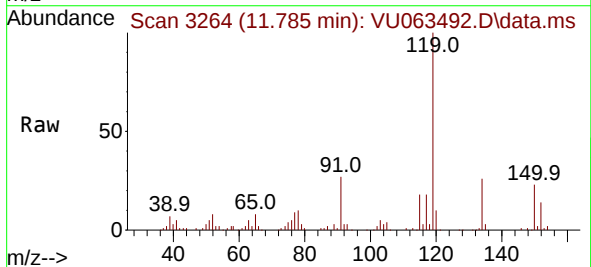
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBS02

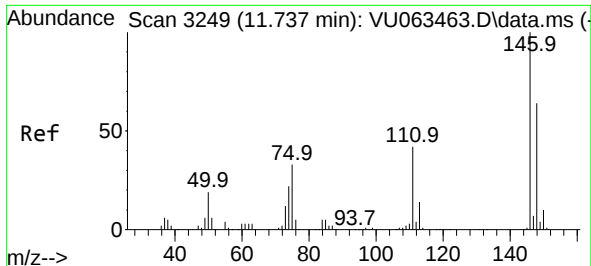
Tgt Ion:105 Resp: 136574
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 18.444 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063492.D
 Acq: 11 Jul 2025 12:51

Tgt Ion:119 Resp: 108963
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 38.9
 91 26.8 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 18.412 ug/l

RT: 11.740 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS02

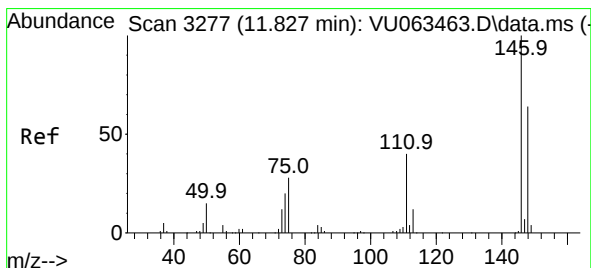
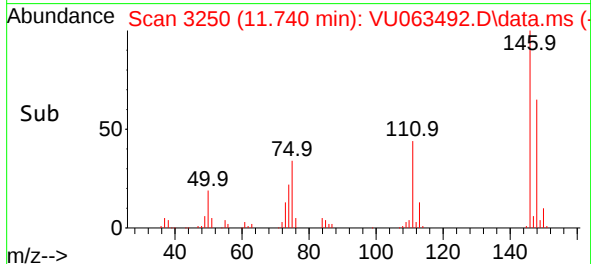
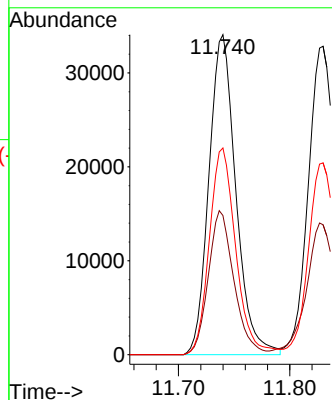
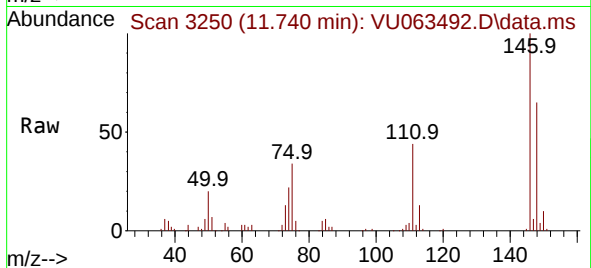
Tgt Ion:146 Resp: 57219

Ion Ratio Lower Upper

146 100

111 43.0 20.9 62.7

148 63.5 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 18.239 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

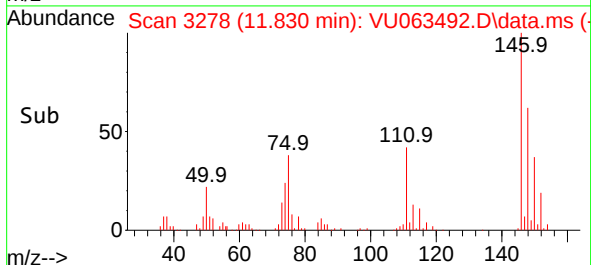
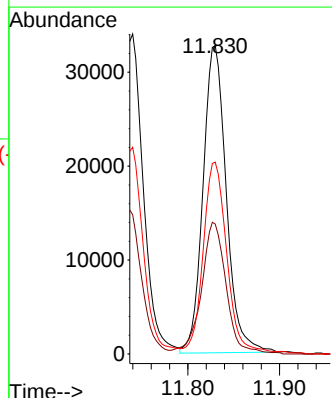
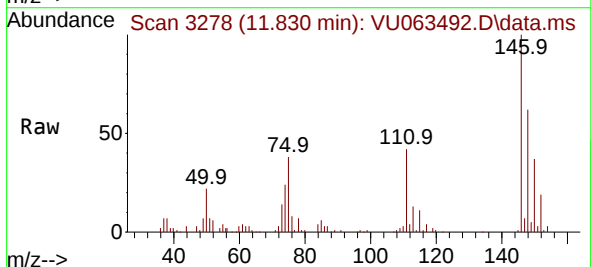
Tgt Ion:146 Resp: 57789

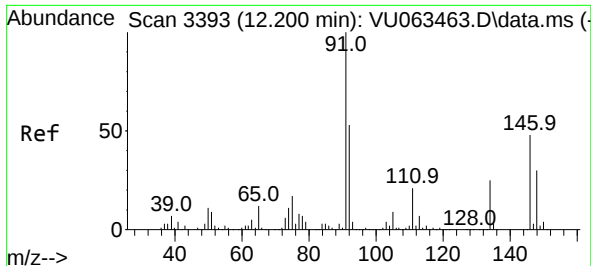
Ion Ratio Lower Upper

146 100

111 45.6 20.8 62.4

148 64.3 31.9 95.9





#89

n-Butylbenzene

Concen: 17.582 ug/l

RT: 12.200 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS02

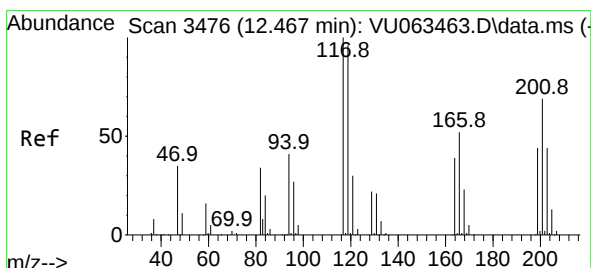
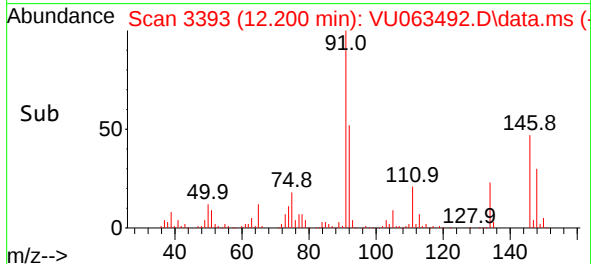
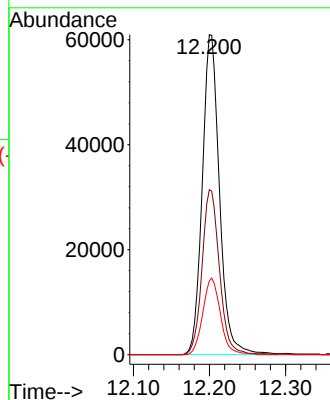
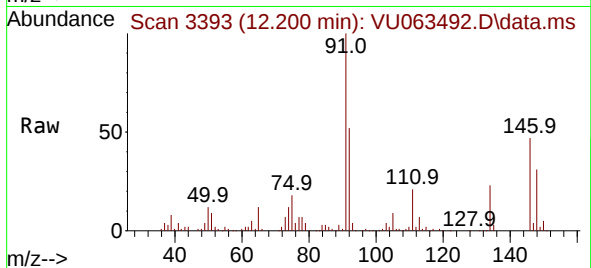
Tgt Ion: 91 Resp: 96135

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.2

134 24.4 12.4 37.0



#90

Hexachloroethane

Concen: 17.519 ug/l

RT: 12.467 min Scan# 3476

Delta R.T. -0.000 min

Lab File: VU063492.D

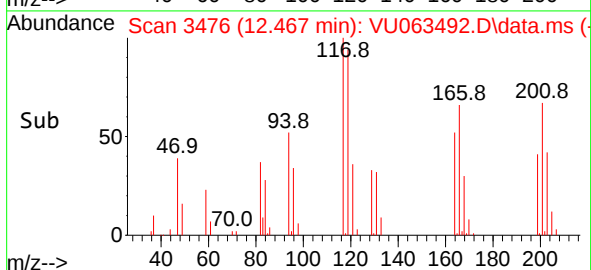
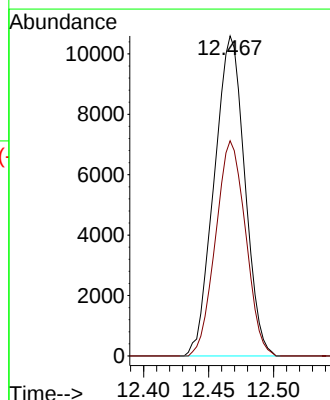
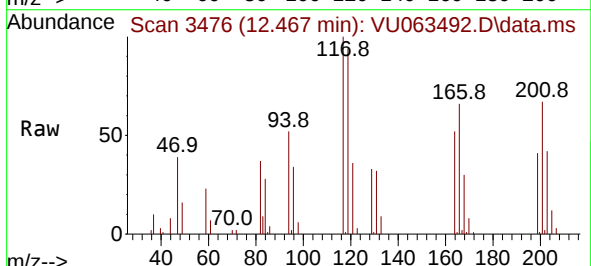
Acq: 11 Jul 2025 12:51

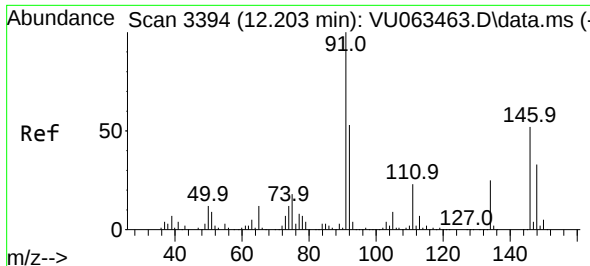
Tgt Ion: 117 Resp: 17310

Ion Ratio Lower Upper

117 100

201 66.0 34.4 103.2

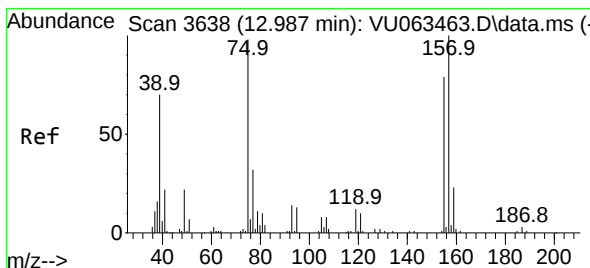
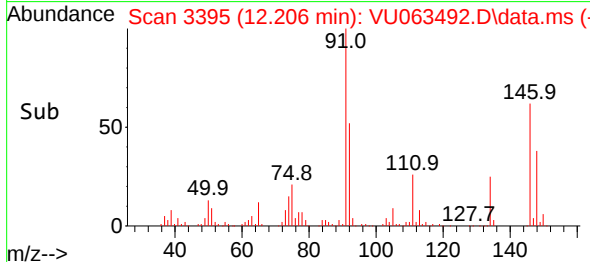
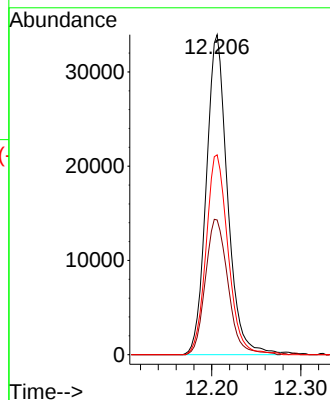
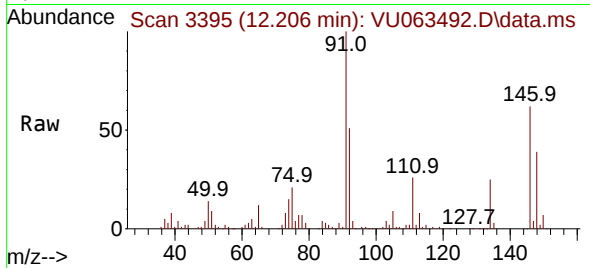




#91
1,2-Dichlorobenzene
Concen: 18.512 ug/l
RT: 12.206 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

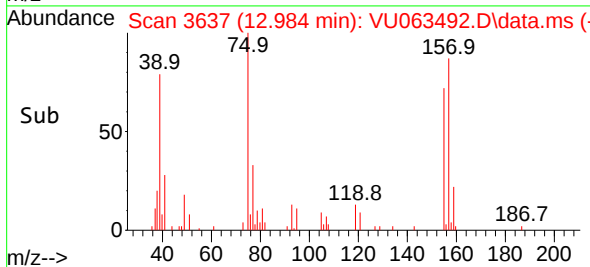
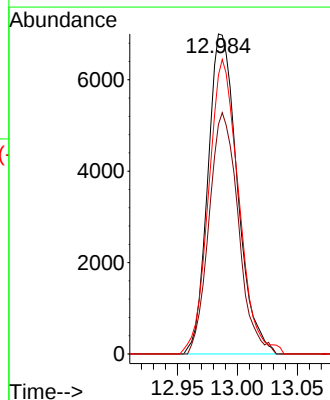
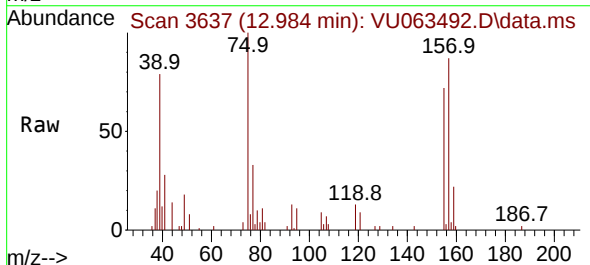
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBS02

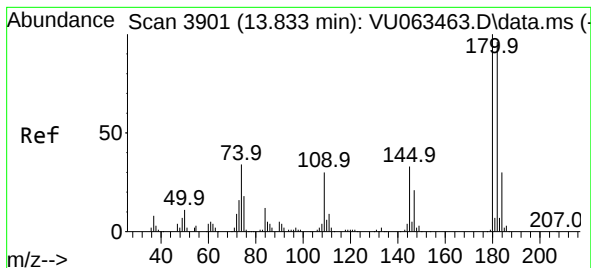
Tgt Ion:146 Resp: 56098
Ion Ratio Lower Upper
146 100
111 45.1 21.9 65.5
148 64.9 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.856 ug/l
RT: 12.984 min Scan# 3637
Delta R.T. -0.003 min
Lab File: VU063492.D
Acq: 11 Jul 2025 12:51

Tgt Ion: 75 Resp: 11962
Ion Ratio Lower Upper
75 100
155 74.7 39.1 117.5
157 93.8 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 17.438 ug/l

RT: 13.836 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS02

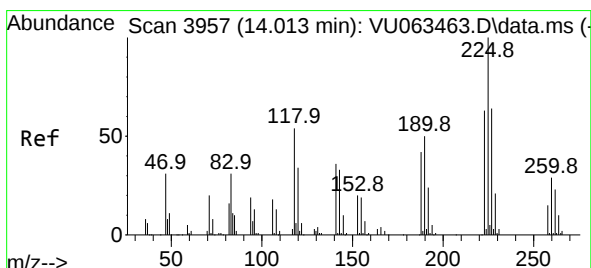
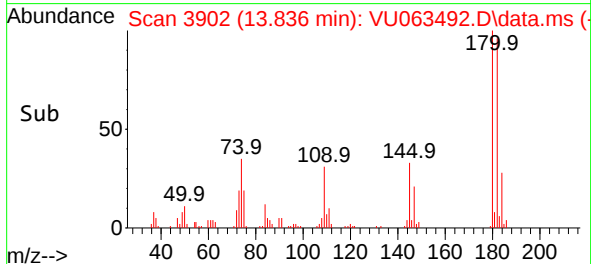
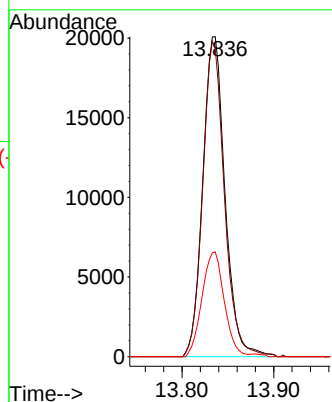
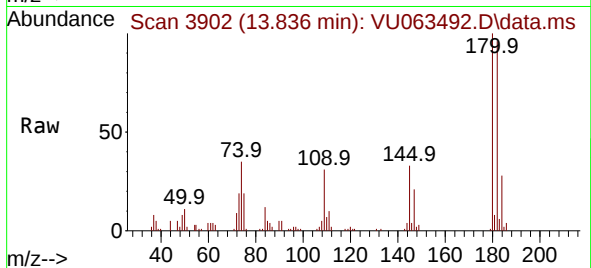
Tgt Ion:180 Resp: 33842

Ion Ratio Lower Upper

180 100

182 96.0 47.7 143.1

145 32.8 16.6 49.7



#94

Hexachlorobutadiene

Concen: 16.941 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. -0.003 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

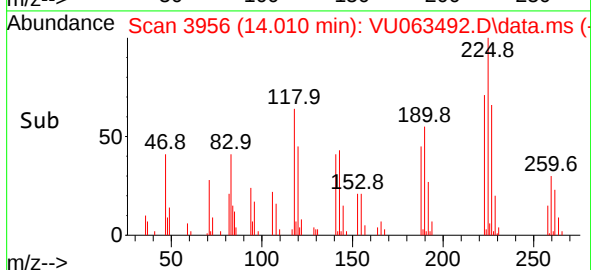
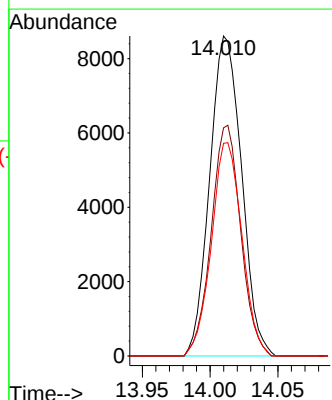
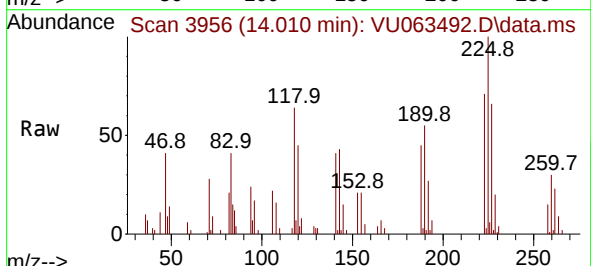
Tgt Ion:225 Resp: 14054

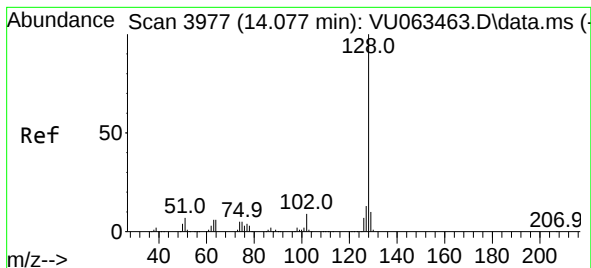
Ion Ratio Lower Upper

225 100

223 66.7 32.4 97.0

227 63.9 32.3 96.9





#95

Naphthalene

Concen: 17.631 ug/l

RT: 14.081 min Scan# 3977

Delta R.T. 0.003 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBS02

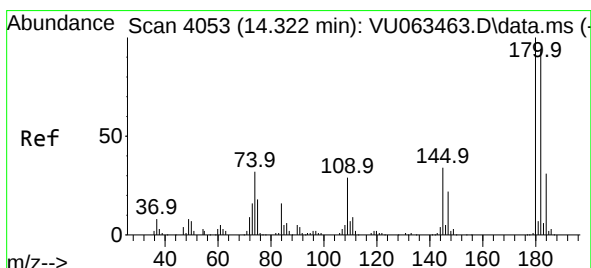
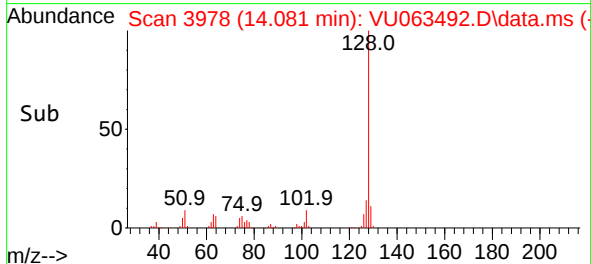
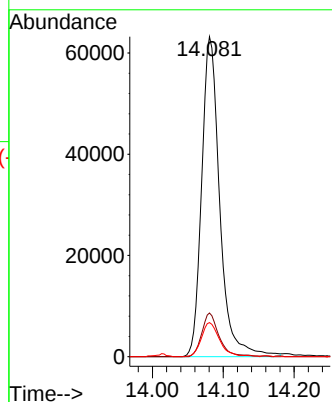
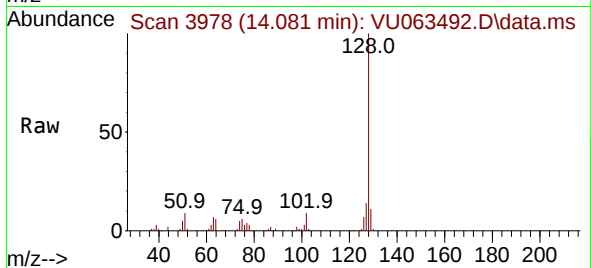
Tgt Ion:128 Resp: 112052

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.4

129 10.6 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 17.348 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063492.D

Acq: 11 Jul 2025 12:51

Tgt Ion:180 Resp: 33085

Ion Ratio Lower Upper

180 100

182 94.9 47.8 143.3

145 36.0 17.2 51.5

