

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
 Data File : VU063503.D
 Acq On : 14 Jul 2025 11:24
 Operator : MD/SY
 Sample : VU0714WBS01
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0714WBS01

Quant Time: Jul 15 01:32:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	104660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	188990	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	170793	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	93891	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.688	65	70458	52.764	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.520%	
35) Dibromofluoromethane	5.274	113	57109	50.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.260%	
50) Toluene-d8	7.888	98	173464	46.713	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 93.420%	
62) 4-Bromofluorobenzene	10.624	95	81847	50.390	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 100.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.383	85	14354	17.245	ug/l	97
3) Chloromethane	1.518	50	17302	17.066	ug/l	98
4) Vinyl Chloride	1.599	62	21249	18.902	ug/l	98
5) Bromomethane	1.846	94	17492	22.208	ug/l	98
6) Chloroethane	1.923	64	14928	18.327	ug/l	96
7) Trichlorofluoromethane	2.129	101	36667	20.218	ug/l	99
8) Diethyl Ether	2.370	74	15002	19.849	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.566	101	22517	20.991	ug/l	99
10) Methyl Iodide	2.708	142	18599	16.600	ug/l	97
11) Tert butyl alcohol	3.197	59	54870	122.554	ug/l	98
12) 1,1-Dichloroethene	2.566	96	19392	19.421	ug/l	97
13) Acrolein	2.476	56	4395	69.547	ug/l	99
14) Allyl chloride	2.907	41	45983	19.346	ug/l	98
15) Acrylonitrile	3.303	53	113912	118.780	ug/l	97
16) Acetone	2.621	43	116509	104.011	ug/l	99
17) Carbon Disulfide	2.775	76	37264	15.611	ug/l	96
18) Methyl Acetate	2.943	43	70705	24.527	ug/l	100
19) Methyl tert-butyl Ether	3.361	73	91375	21.218	ug/l	97
20) Methylene Chloride	3.026	84	27053	16.564	ug/l	96
21) trans-1,2-Dichloroethene	3.332	96	20720	19.314	ug/l	96
22) Diisopropyl ether	3.991	45	81914	20.240	ug/l	99
23) Vinyl Acetate	3.946	43	317021	100.954	ug/l	99
24) 1,1-Dichloroethane	3.849	63	47462	20.664	ug/l	98
25) 2-Butanone	4.708	43	143669	114.251	ug/l	97
26) 2,2-Dichloropropane	4.647	77	40706	20.370	ug/l	97
27) cis-1,2-Dichloroethene	4.653	96	28497	20.125	ug/l	98
28) Bromochloromethane	4.955	49	24667	22.863	ug/l	99
29) Tetrahydrofuran	5.052	42	92113	116.123	ug/l	98
30) Chloroform	5.074	83	51536	21.252	ug/l	99
31) Cyclohexane	5.367	56	34740	18.815	ug/l	93
32) 1,1,1-Trichloroethane	5.296	97	42768	20.713	ug/l	98
36) 1,1-Dichloropropene	5.512	75	28958	18.708	ug/l	99
37) Ethyl Acetate	4.814	43	43770	17.460	ug/l	98
38) Carbon Tetrachloride	5.508	117	31843	18.670	ug/l	98
39) Methylcyclohexane	6.746	83	33256	17.781	ug/l	94
40) Benzene	5.759	78	95577	19.771	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.971	41	24215	20.471	ug/l	97
42) 1,2-Dichloroethane	5.785	62	40000	22.005	ug/l	99
43) Isopropyl Acetate	5.910	43	67092	20.149	ug/l	100
44) Trichloroethene	6.531	130	25299	19.556	ug/l	97
45) 1,2-Dichloropropane	6.782	63	26131	19.444	ug/l	98
46) Dibromomethane	6.907	93	20113	21.035	ug/l	97
47) Bromodichloromethane	7.094	83	40671	20.456	ug/l	96
48) Methyl methacrylate	6.959	41	32282	20.976	ug/l	98
49) 1,4-Dioxane	6.968	88	12328	365.044	ug/l #	92
51) 4-Methyl-2-Pentanone	7.785	43	267995	111.198	ug/l	98
52) Toluene	7.958	92	59629	18.858	ug/l	98
53) t-1,3-Dichloropropene	8.203	75	32057	18.425	ug/l	96
54) cis-1,3-Dichloropropene	7.598	75	37305	19.154	ug/l	95
55) 1,1,2-Trichloroethane	8.389	97	27263	20.303	ug/l	98
56) Ethyl methacrylate	8.328	69	41531	19.173	ug/l	95
57) 1,3-Dichloropropane	8.566	76	44797	20.238	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.467	63	2154	95.762	ug/l	100
59) 2-Hexanone	8.675	43	199132	109.240	ug/l	98
60) Dibromochloromethane	8.801	129	28783	19.134	ug/l	99
61) 1,2-Dibromoethane	8.917	107	26323	19.972	ug/l	97
64) Tetrachloroethene	8.544	164	24085	18.943	ug/l	96
65) Chlorobenzene	9.438	112	71338	20.076	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.524	131	24249	19.899	ug/l	97
67) Ethyl Benzene	9.560	91	122632	20.080	ug/l	98
68) m/p-Xylenes	9.685	106	94345	40.478	ug/l	100
69) o-Xylene	10.090	106	47805	20.174	ug/l	98
70) Styrene	10.106	104	74769	19.844	ug/l	98
71) Bromoform	10.280	173	19261	18.134	ug/l #	96
73) Isopropylbenzene	10.476	105	127743	19.995	ug/l	100
74) N-amyl acetate	10.315	43	56945	19.876	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.772	83	49245	20.941	ug/l	99
76) 1,2,3-Trichloropropane	10.814	75	51544	20.718	ug/l #	81
77) Bromobenzene	10.775	156	29906	19.097	ug/l	91
78) n-propylbenzene	10.897	91	146196	19.732	ug/l	100
79) 2-Chlorotoluene	10.978	91	92906	19.994	ug/l	99
80) 1,3,5-Trimethylbenzene	11.081	105	108868	19.483	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.534	75	9686	19.417	ug/l	90
82) 4-Chlorotoluene	11.090	91	106154	20.123	ug/l	97
83) tert-Butylbenzene	11.409	119	108281	20.206	ug/l	99
84) 1,2,4-Trimethylbenzene	11.460	105	105331	19.196	ug/l	99
85) sec-Butylbenzene	11.634	105	140048	19.806	ug/l	99
86) p-Isopropyltoluene	11.785	119	113404	19.768	ug/l	99
87) 1,3-Dichlorobenzene	11.736	146	59511	19.721	ug/l	99
88) 1,4-Dichlorobenzene	11.826	146	61900	20.119	ug/l	95
89) n-Butylbenzene	12.199	91	100292	18.889	ug/l	99
90) Hexachloroethane	12.466	117	18213	18.982	ug/l	93
91) 1,2-Dichlorobenzene	12.206	146	59501	20.220	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.987	75	12376	22.221	ug/l	97
93) 1,2,4-Trichlorobenzene	13.833	180	35012	18.579	ug/l	96
94) Hexachlorobutadiene	14.010	225	15141	18.795	ug/l	98
95) Naphthalene	14.080	128	112218	18.183	ug/l	99
96) 1,2,3-Trichlorobenzene	14.322	180	33962	18.338	ug/l	98

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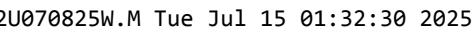
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ClientSampleId :
VU0714WBS01

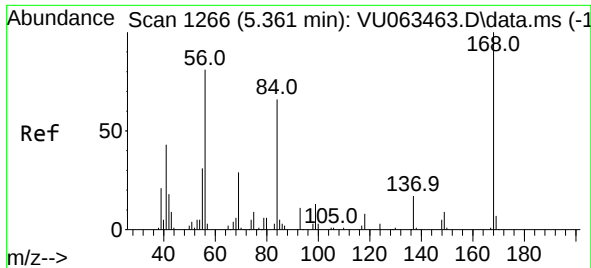
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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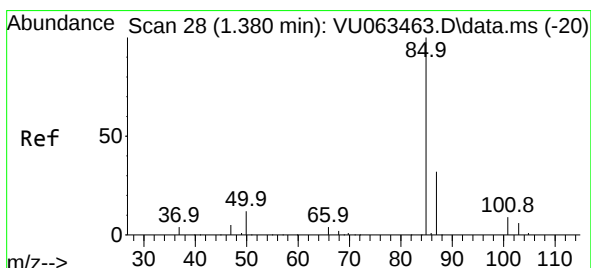
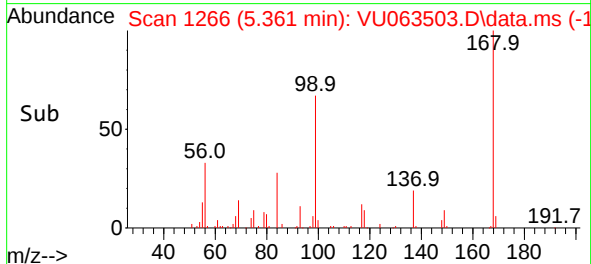
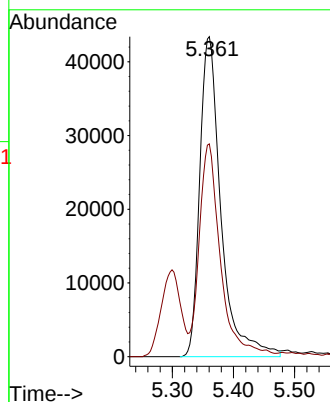
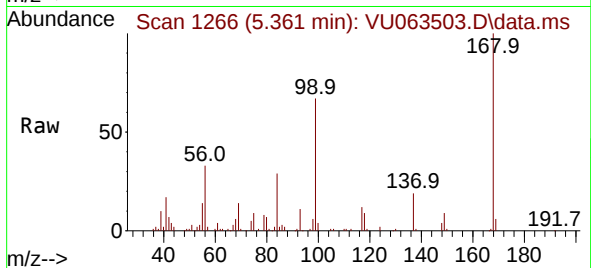




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
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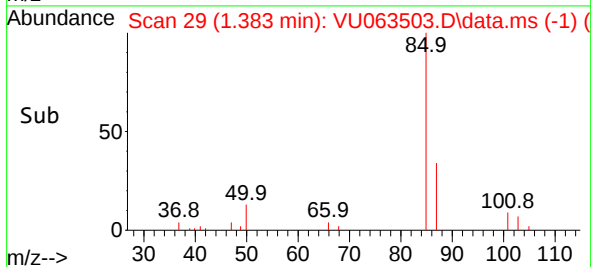
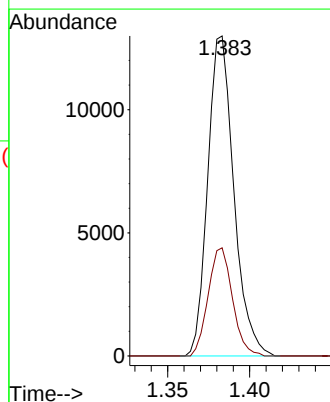
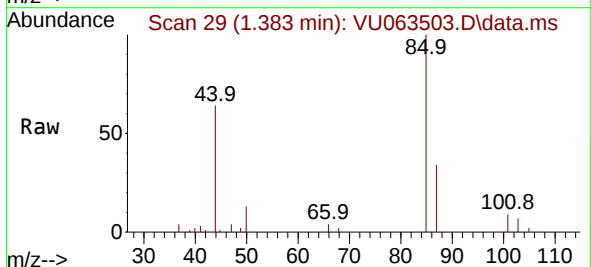
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ClientSampleId :
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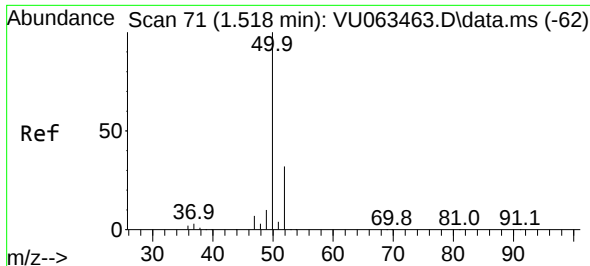
Tgt Ion:168 Resp: 104660
Ion Ratio Lower Upper
168 100
99 65.2 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 17.245 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 85 Resp: 14354
Ion Ratio Lower Upper
85 100
87 33.8 16.1 48.2

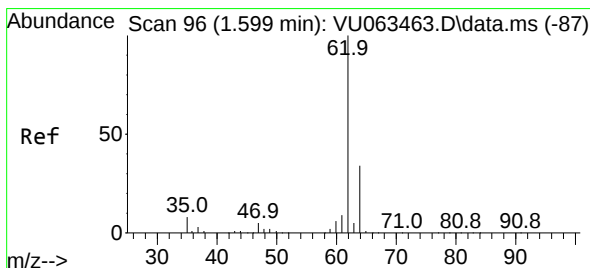
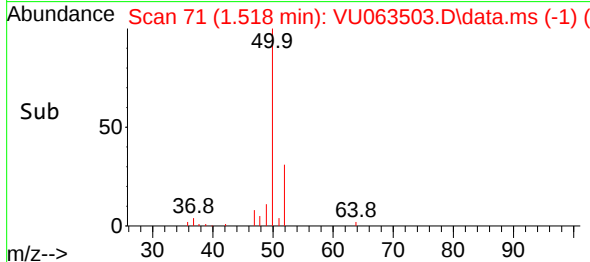
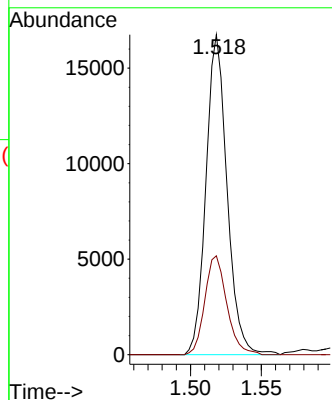
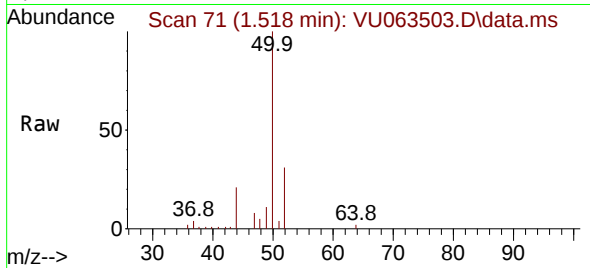




#3
Chloromethane
Concen: 17.066 ug/l
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

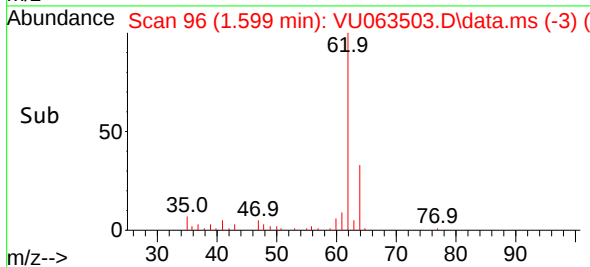
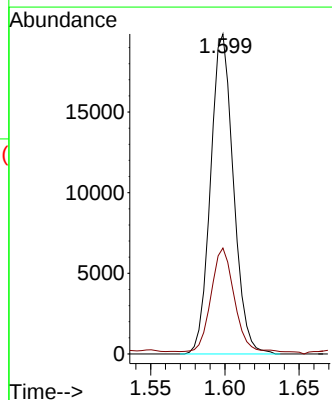
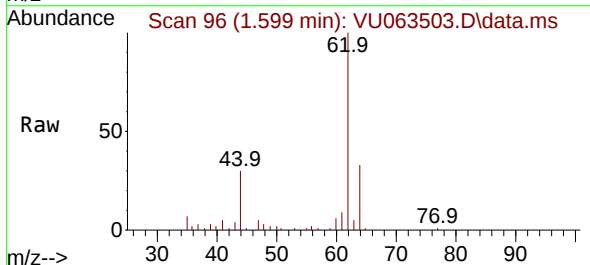
Instrument :
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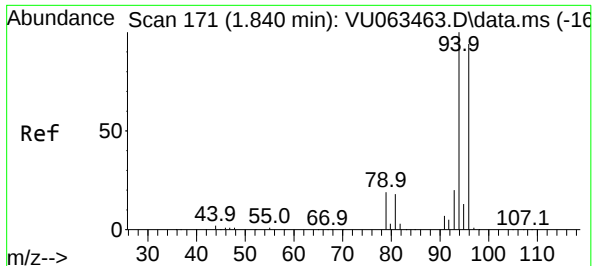
Tgt Ion: 50 Resp: 17302
Ion Ratio Lower Upper
50 100
52 30.9 25.8 38.8



#4
Vinyl Chloride
Concen: 18.902 ug/l
RT: 1.599 min Scan# 96
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 62 Resp: 21249
Ion Ratio Lower Upper
62 100
64 32.3 26.9 40.3

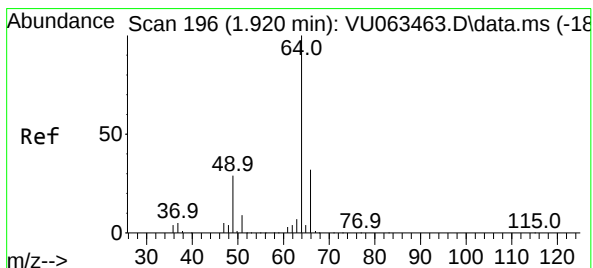
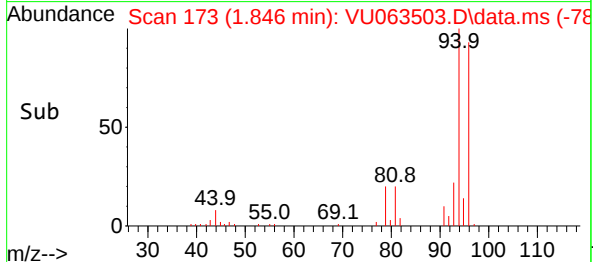
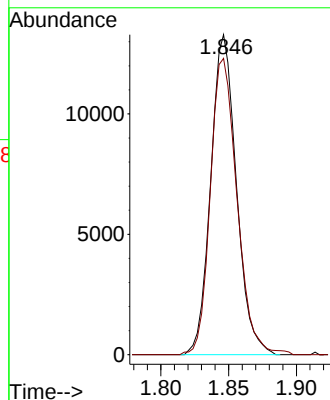
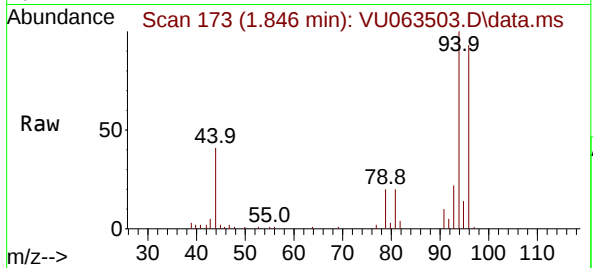




#5
Bromomethane
Concen: 22.208 ug/l
RT: 1.846 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

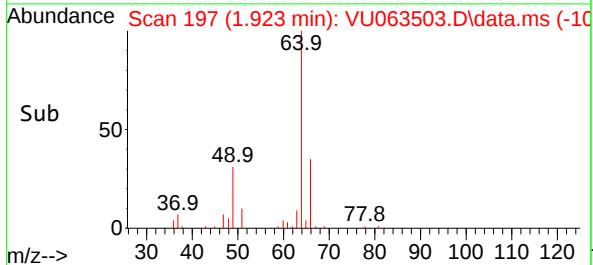
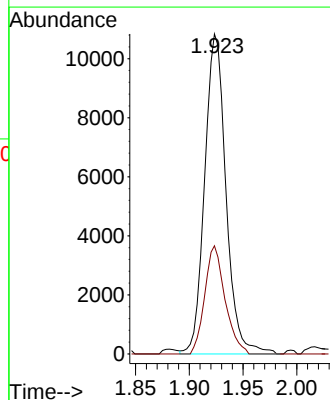
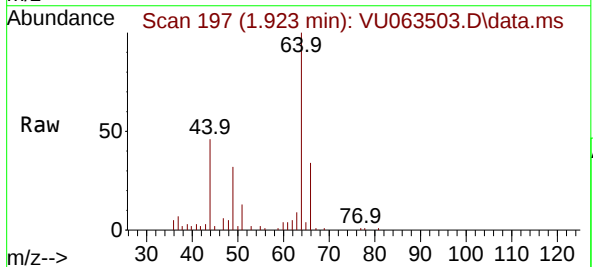
Instrument :
MSVOA_U
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Tgt Ion: 94 Resp: 17492
Ion Ratio Lower Upper
94 100
96 92.6 75.5 113.3



#6
Chloroethane
Concen: 18.327 ug/l
RT: 1.923 min Scan# 197
Delta R.T. 0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 64 Resp: 14928
Ion Ratio Lower Upper
64 100
66 33.8 25.3 37.9

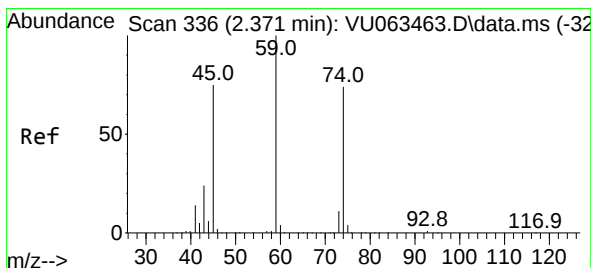
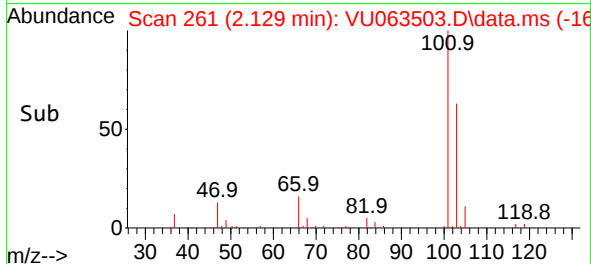
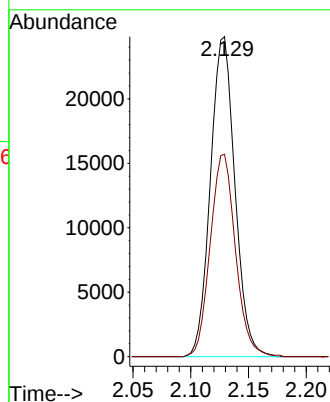
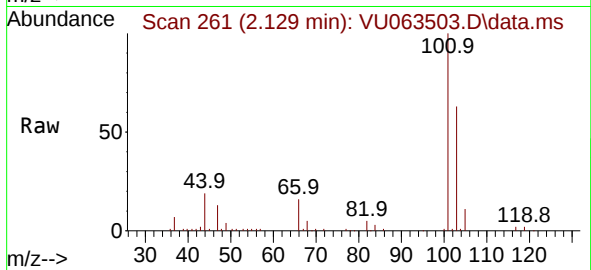




#7
Trichlorofluoromethane
Concen: 20.218 ug/l
RT: 2.129 min Scan# 210
Delta R.T. 0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

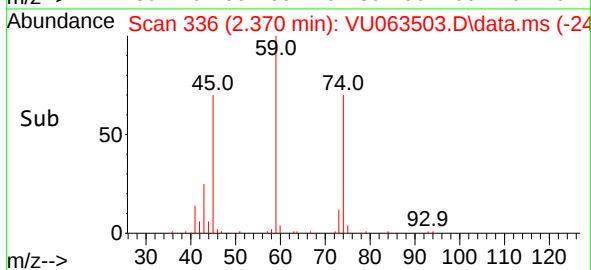
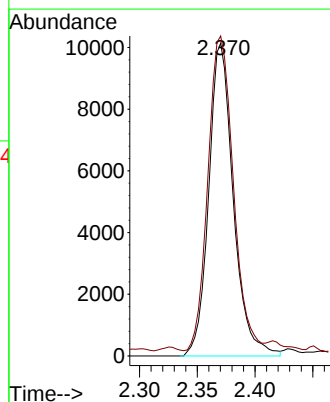
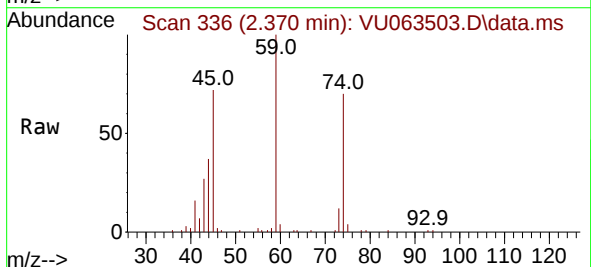
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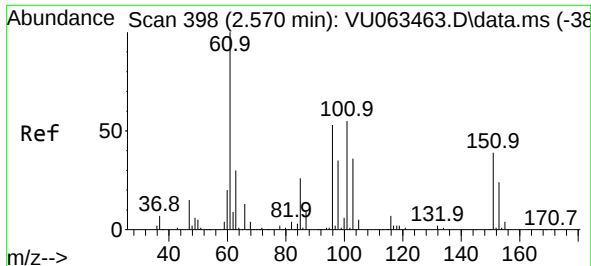
Tgt Ion:101 Resp: 36667
Ion Ratio Lower Upper
101 100
103 63.2 51.1 76.7



#8
Diethyl Ether
Concen: 19.849 ug/l
RT: 2.370 min Scan# 336
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 74 Resp: 15002
Ion Ratio Lower Upper
74 100
45 103.7 49.7 149.1

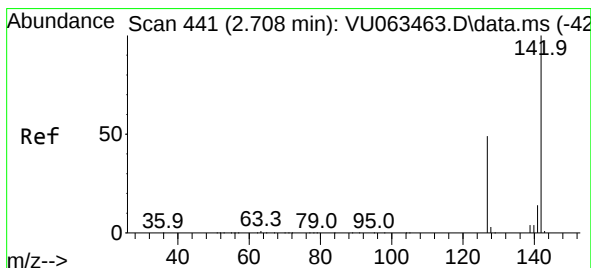
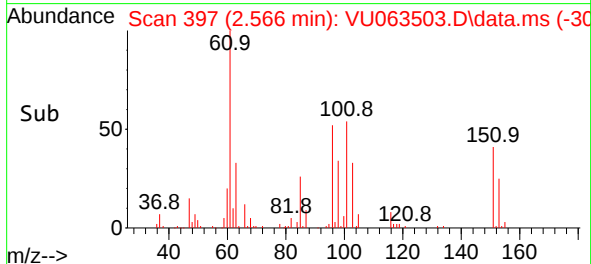
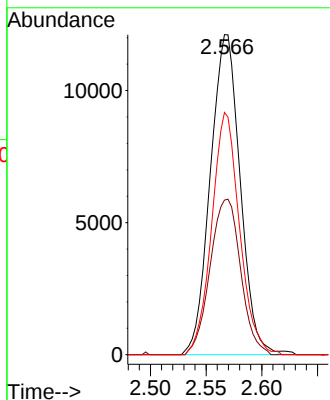
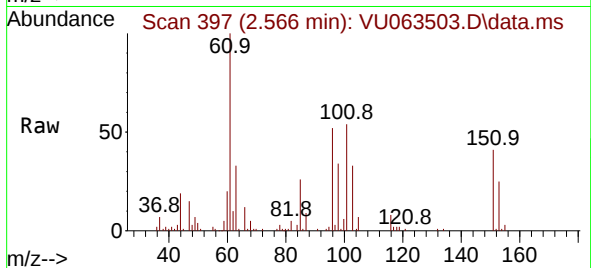




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.991 ug/l
RT: 2.566 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU063503.D
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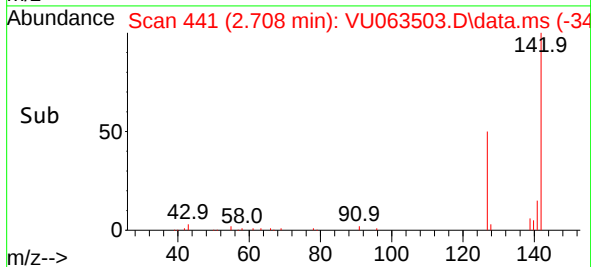
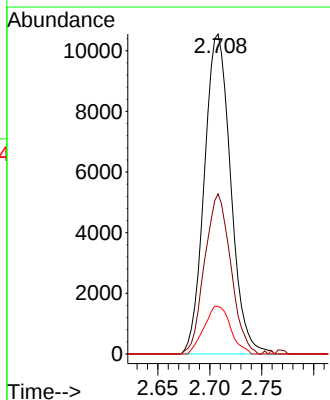
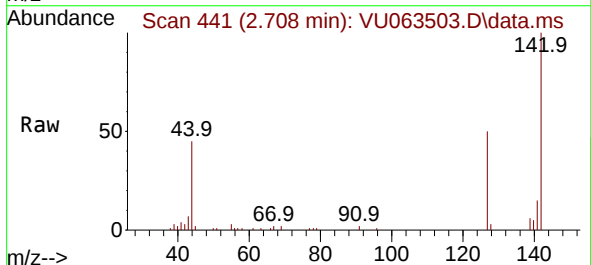
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

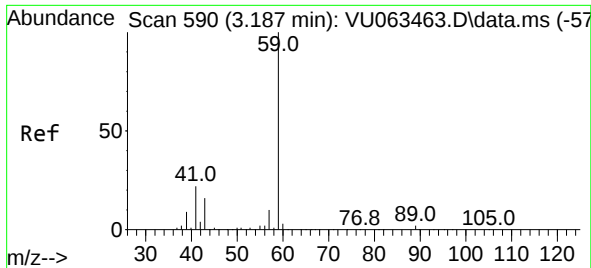
Tgt Ion:101 Resp: 22517
Ion Ratio Lower Upper
101 100
85 49.9 39.6 59.4
151 71.0 57.2 85.8



#10
Methyl Iodide
Concen: 16.600 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion:142 Resp: 18599
Ion Ratio Lower Upper
142 100
127 49.6 38.2 57.4
141 15.0 11.1 16.7

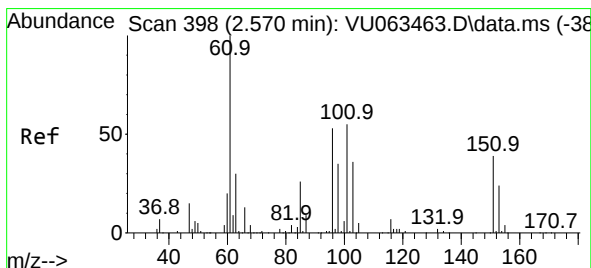
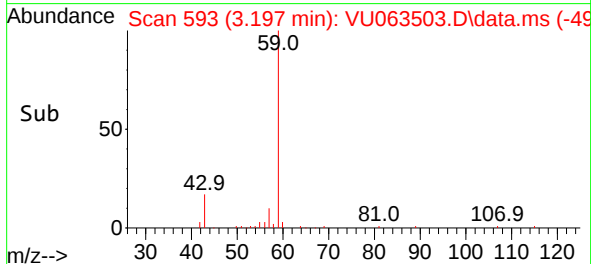
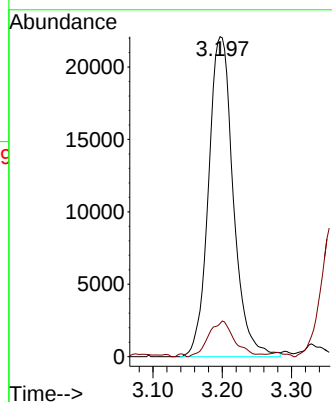
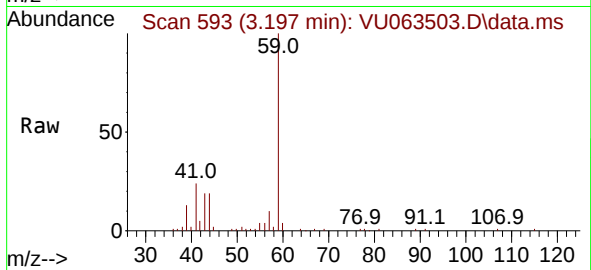




#11
Tert butyl alcohol
Concen: 122.554 ug/l
RT: 3.197 min Scan# 590
Delta R.T. 0.009 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

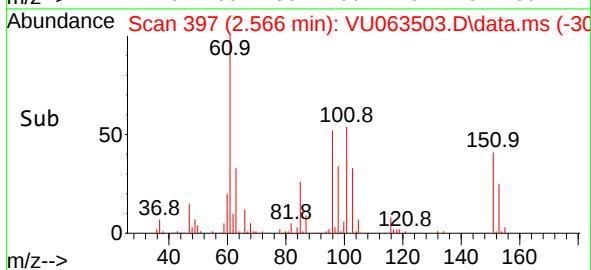
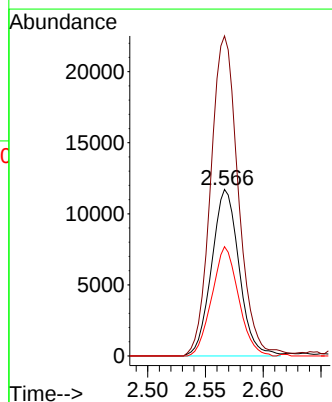
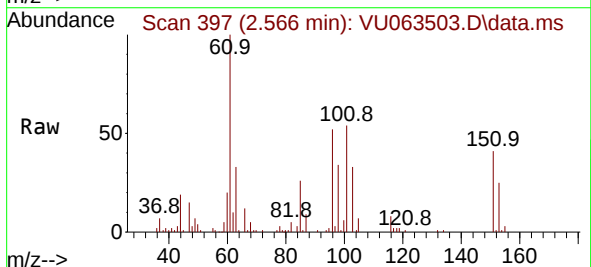
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

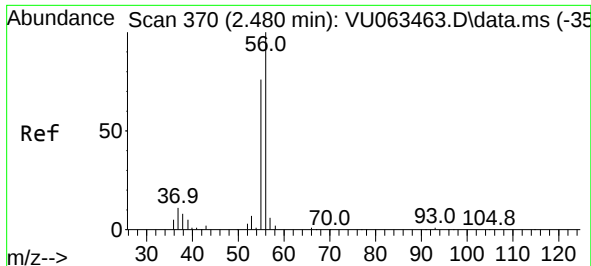
Tgt Ion: 59 Resp: 54870
Ion Ratio Lower Upper
59 100
57 11.6 8.8 13.2



#12
1,1-Dichloroethene
Concen: 19.421 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 96 Resp: 19392
Ion Ratio Lower Upper
96 100
61 192.1 149.6 224.4
98 65.7 52.0 78.0

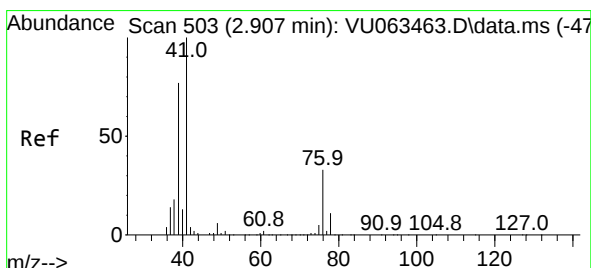
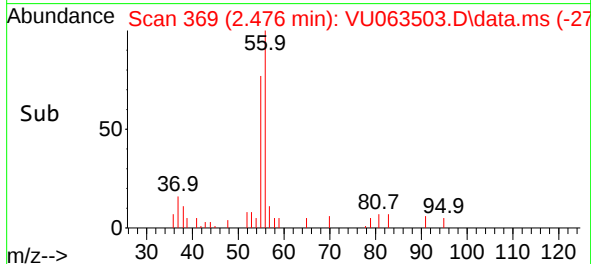
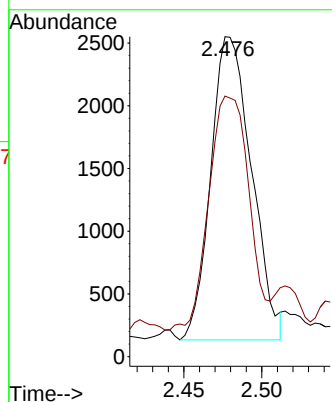
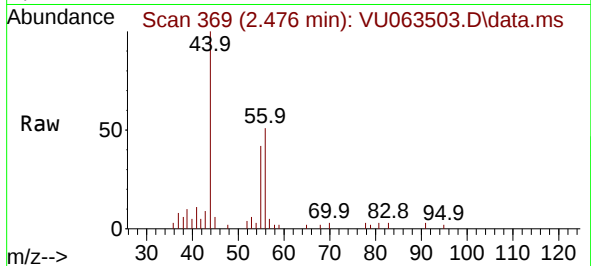




#13
Acrolein
Concen: 69.547 ug/l
RT: 2.476 min Scan# 370
Delta R.T. -0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

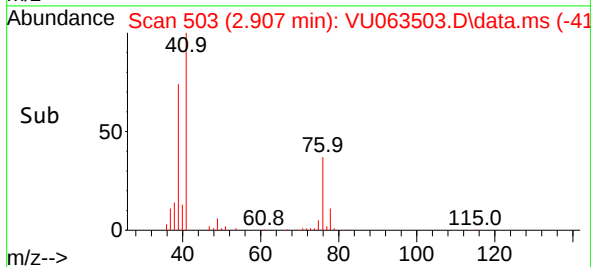
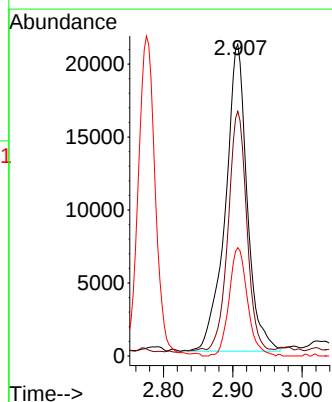
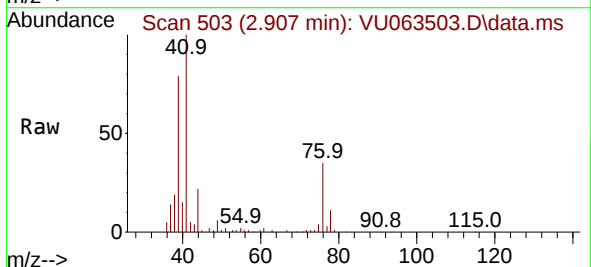
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

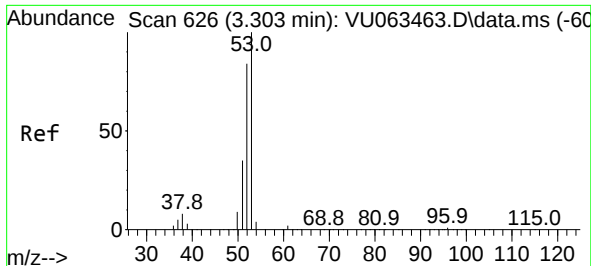
Tgt Ion: 56 Resp: 4395
Ion Ratio Lower Upper
56 100
55 76.3 60.2 90.2



#14
Allyl chloride
Concen: 19.346 ug/l
RT: 2.907 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 41 Resp: 45983
Ion Ratio Lower Upper
41 100
39 65.4 53.9 80.9
76 29.7 23.1 34.7

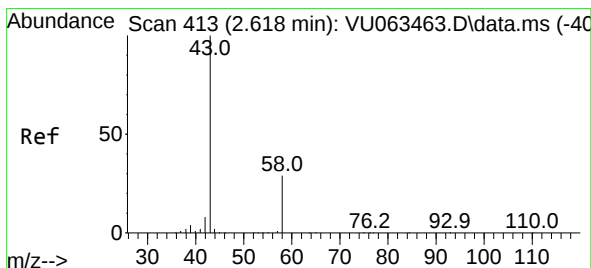
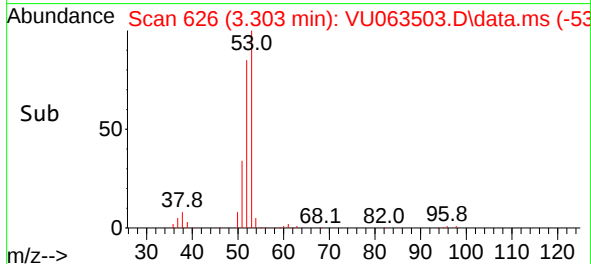
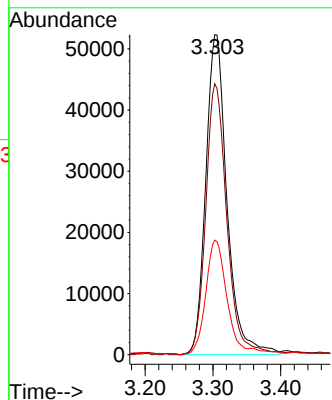
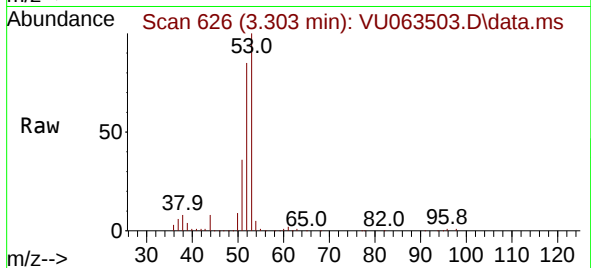




#15
Acrylonitrile
Concen: 118.780 ug/l
RT: 3.303 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

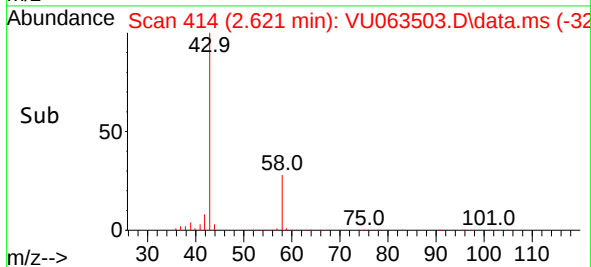
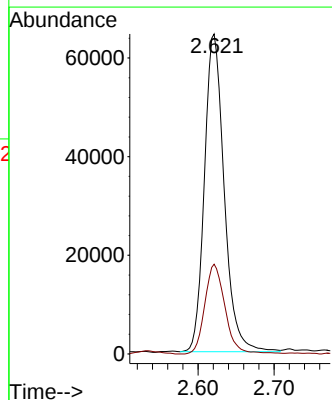
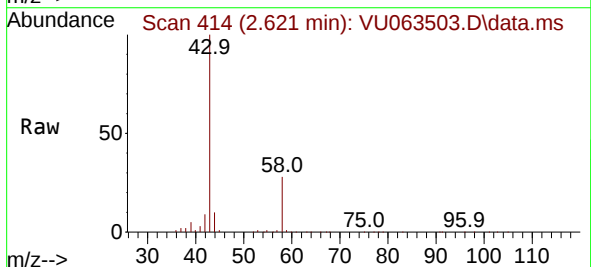
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

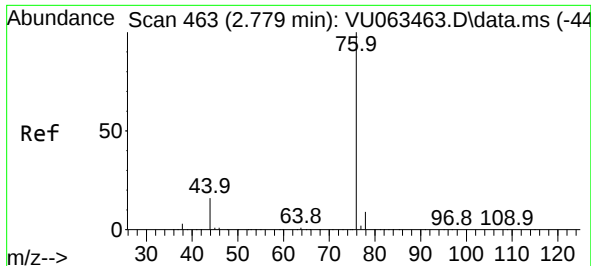
Tgt Ion: 53 Resp: 113912
Ion Ratio Lower Upper
53 100
52 83.8 65.0 97.4
51 34.9 28.8 43.2



#16
Acetone
Concen: 104.011 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 43 Resp: 116509
Ion Ratio Lower Upper
43 100
58 28.3 23.1 34.7

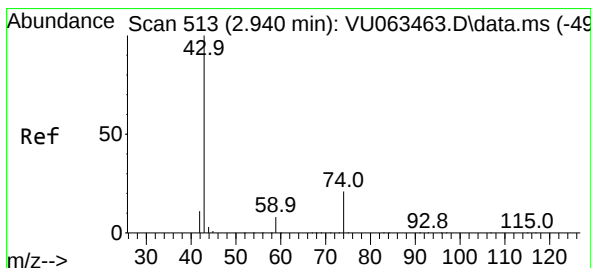
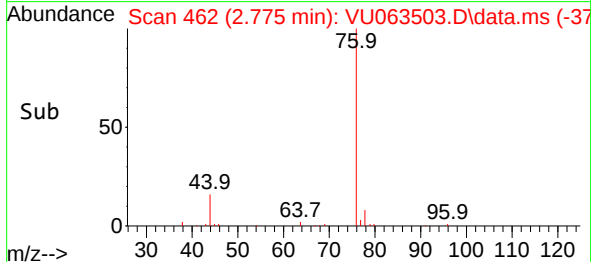
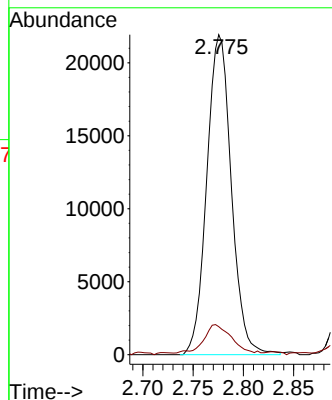
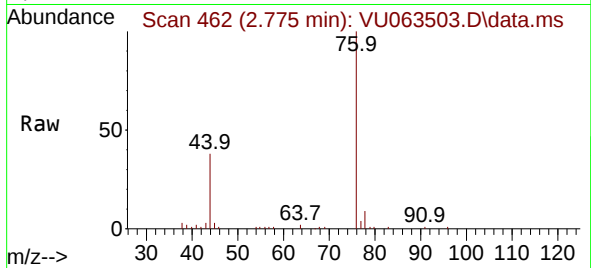




#17
Carbon Disulfide
Concen: 15.611 ug/l
RT: 2.775 min Scan# 40
Delta R.T. -0.004 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

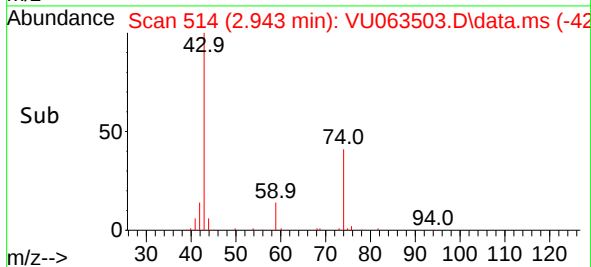
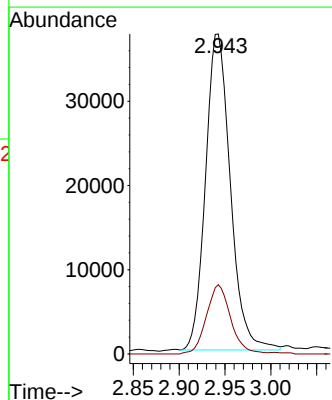
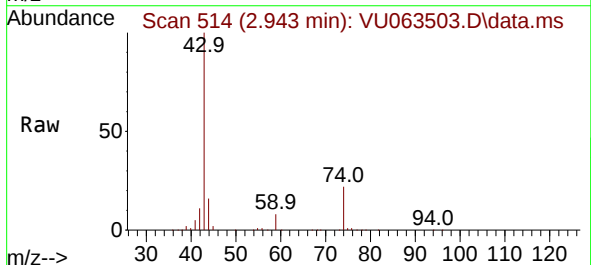
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

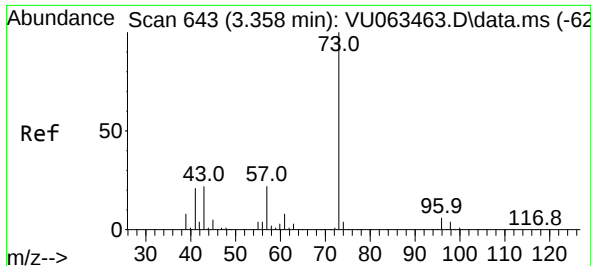
Tgt Ion: 76 Resp: 37264
Ion Ratio Lower Upper
76 100
78 7.9 7.5 11.3



#18
Methyl Acetate
Concen: 24.527 ug/l
RT: 2.943 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 43 Resp: 70705
Ion Ratio Lower Upper
43 100
74 21.4 17.3 25.9

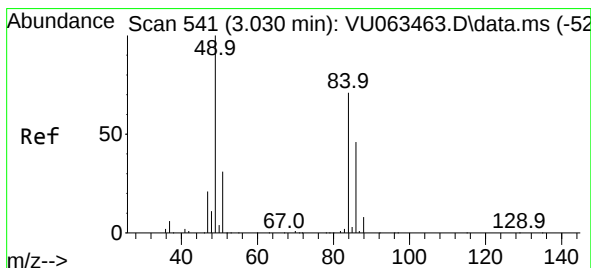
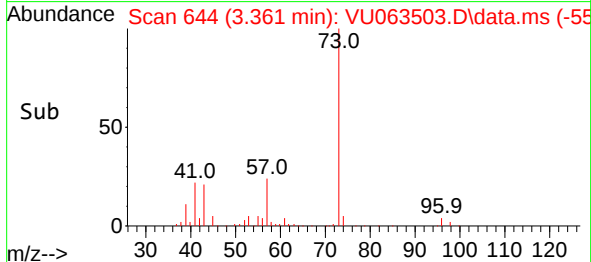
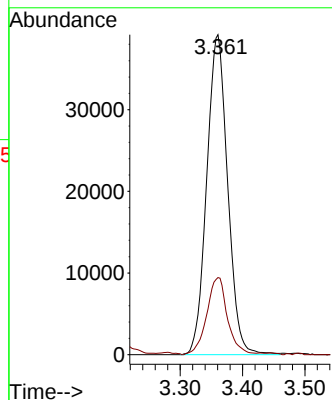
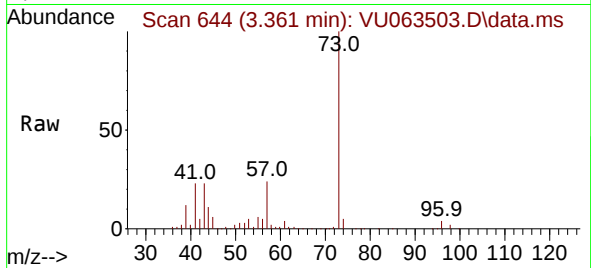




#19
Methyl tert-butyl Ether
Concen: 21.218 ug/l
RT: 3.361 min Scan# 64
Delta R.T. 0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

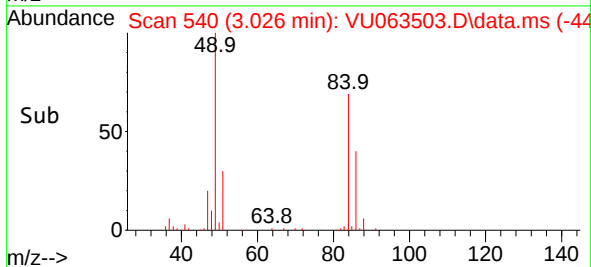
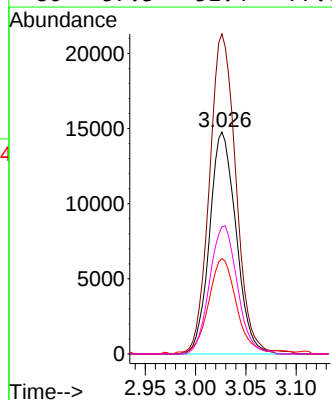
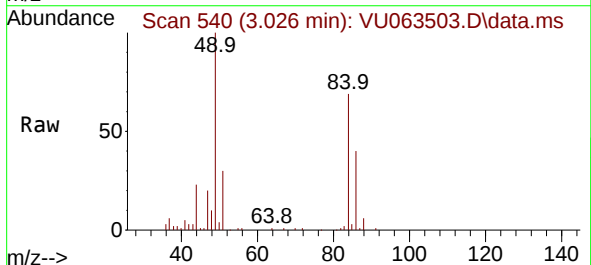
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

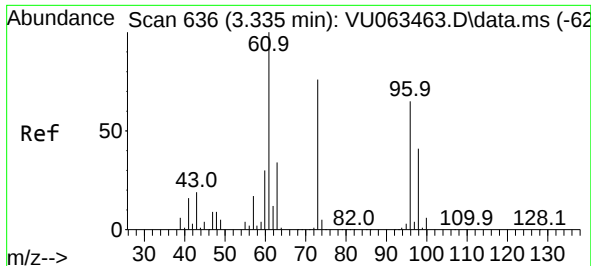
Tgt Ion: 73 Resp: 91375
Ion Ratio Lower Upper
73 100
57 23.8 17.8 26.6



#20
Methylene Chloride
Concen: 16.564 ug/l
RT: 3.026 min Scan# 540
Delta R.T. -0.004 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 84 Resp: 27053
Ion Ratio Lower Upper
84 100
49 144.2 112.1 168.1
51 42.0 34.4 51.6
86 57.3 51.4 77.0

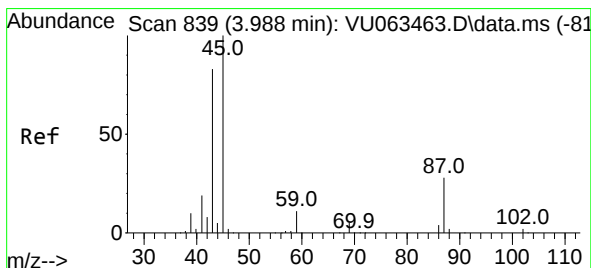
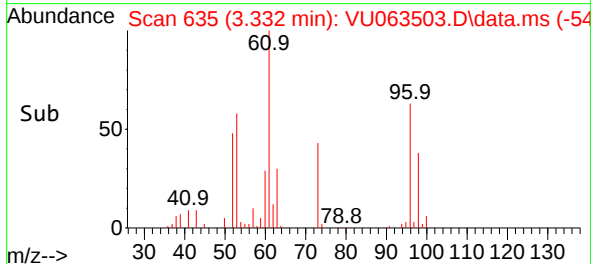
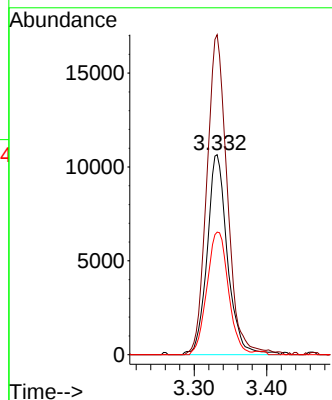
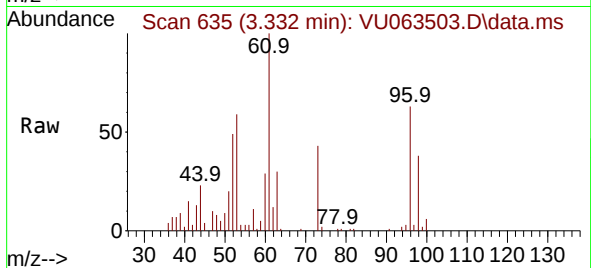




#21
trans-1,2-Dichloroethene
Concen: 19.314 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

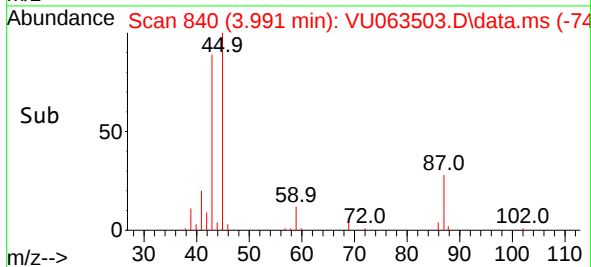
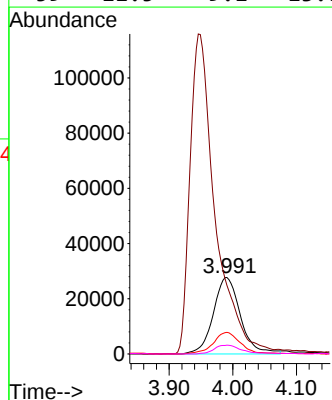
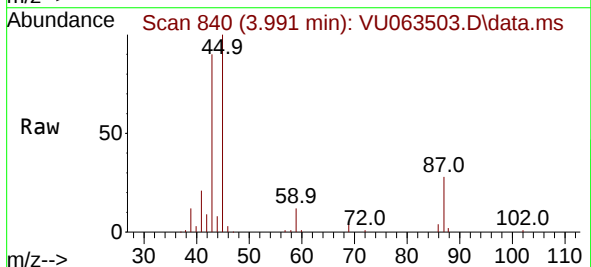
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

Tgt Ion: 96 Resp: 20720
Ion Ratio Lower Upper
96 100
61 160.0 122.2 183.4
98 61.3 49.9 74.9



#22
Diisopropyl ether
Concen: 20.240 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 45 Resp: 81914
Ion Ratio Lower Upper
45 100
43 83.8 66.5 99.7
87 28.3 22.6 33.8
59 11.5 9.1 13.7

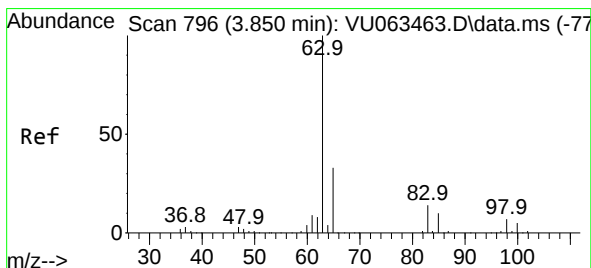
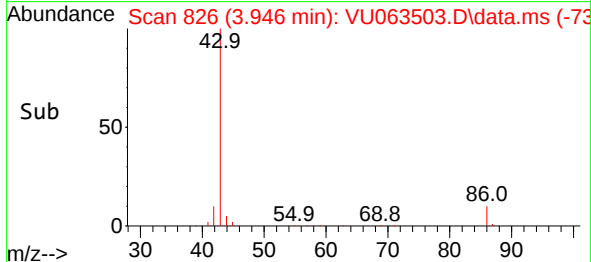
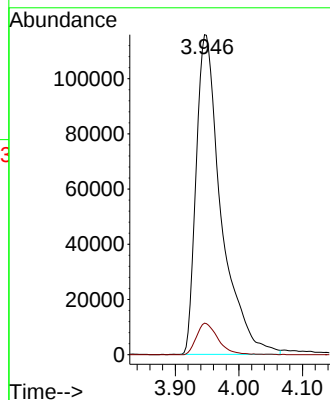
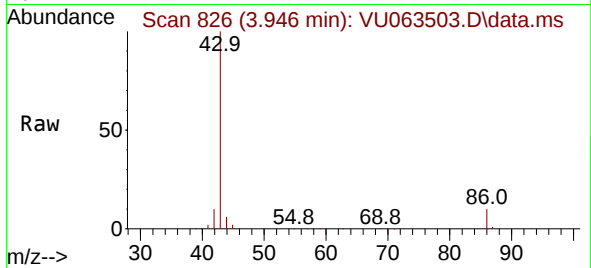




#23
 Vinyl Acetate
 Concen: 100.954 ug/l
 RT: 3.946 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU063503.D
 Acq: 14 Jul 2025 11:24

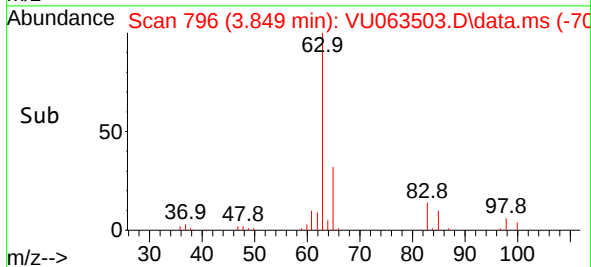
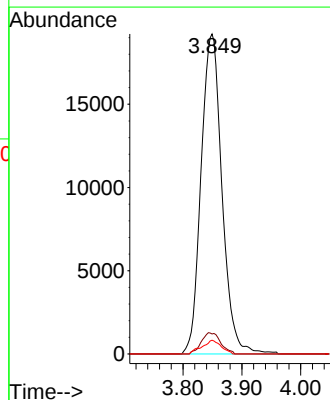
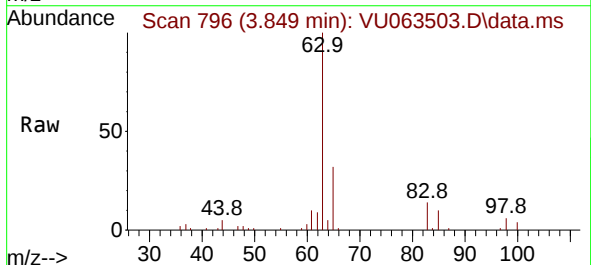
Instrument :
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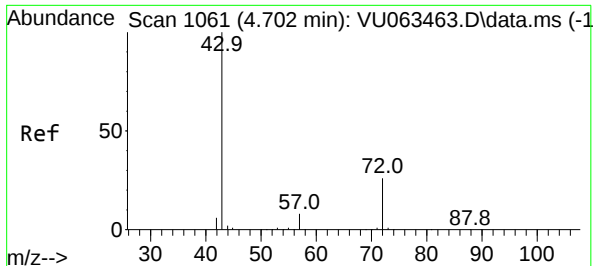
Tgt Ion: 43 Resp: 317021
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.664 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063503.D
 Acq: 14 Jul 2025 11:24

Tgt Ion: 63 Resp: 47462
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.6 10.9
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 114.251 ug/l

RT: 4.708 min Scan# 1063

Delta R.T. 0.006 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

Instrument :

MSVOA_U

ClientSampleId :

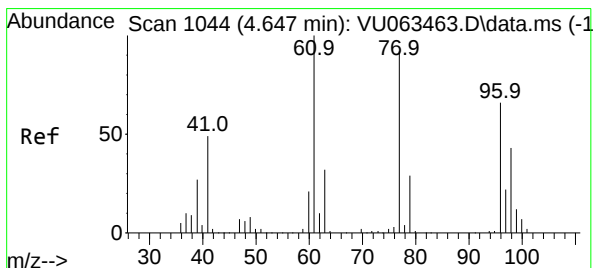
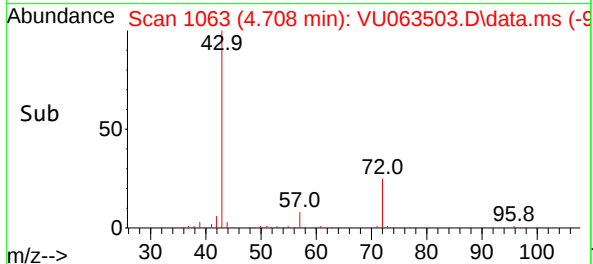
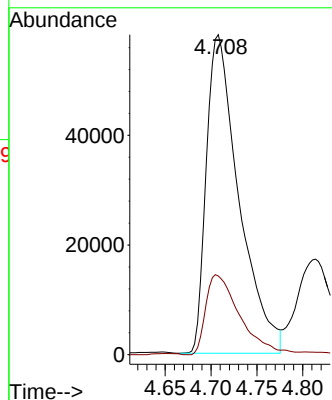
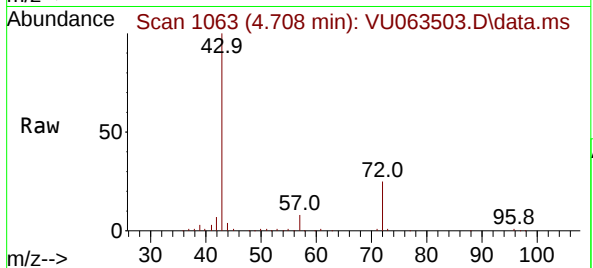
VU0714WBS01

Tgt Ion: 43 Resp: 143669

Ion Ratio Lower Upper

43 100

72 24.5 20.7 31.1



#26

2,2-Dichloropropane

Concen: 20.370 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. -0.000 min

Lab File: VU063503.D

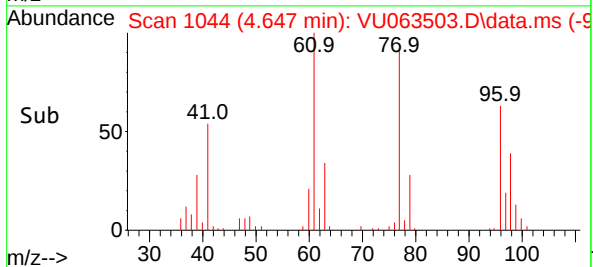
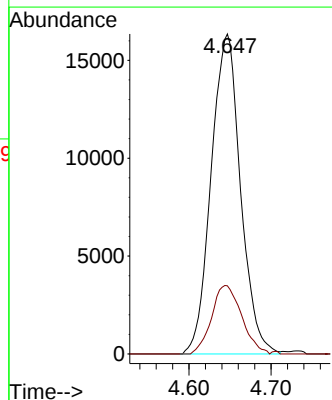
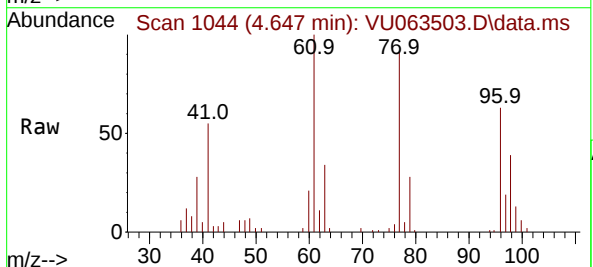
Acq: 14 Jul 2025 11:24

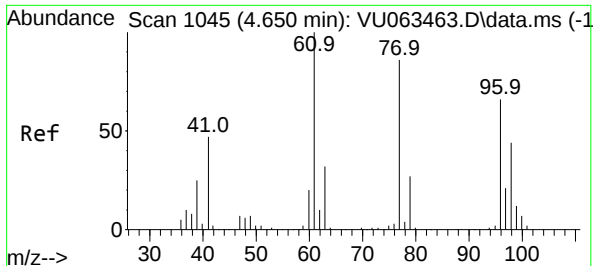
Tgt Ion: 77 Resp: 40706

Ion Ratio Lower Upper

77 100

97 21.9 11.8 35.3

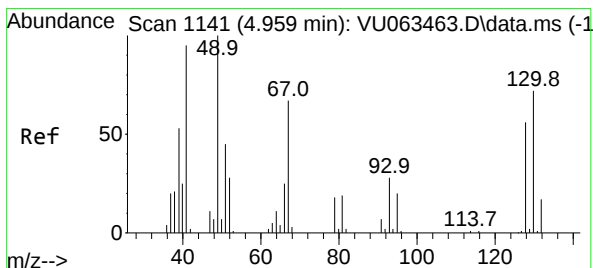
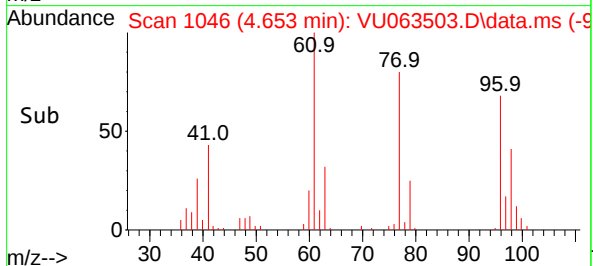
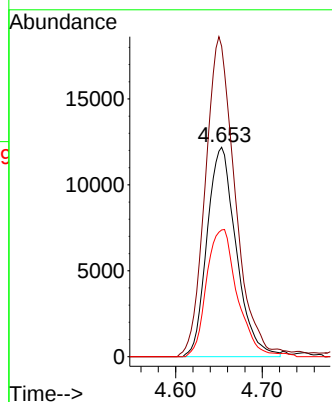
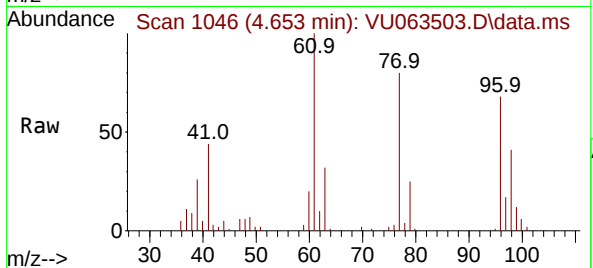




#27
cis-1,2-Dichloroethene
Concen: 20.125 ug/l
RT: 4.653 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

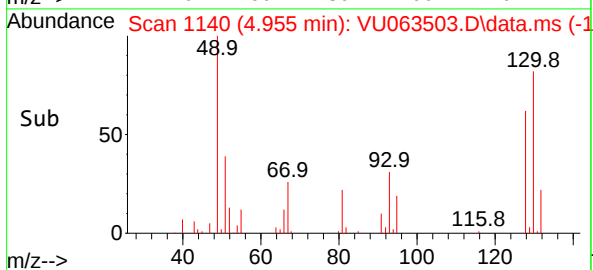
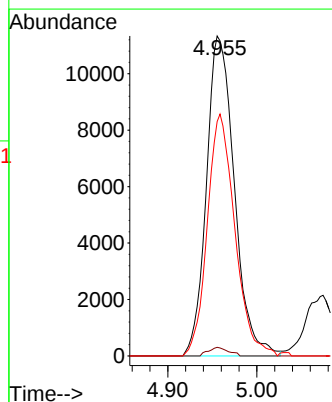
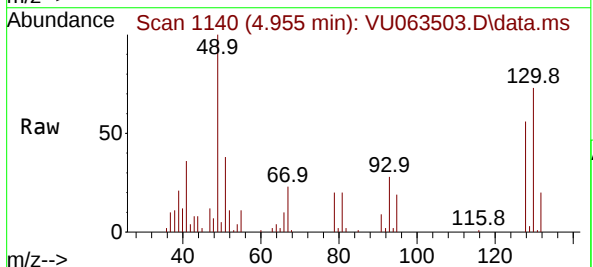
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

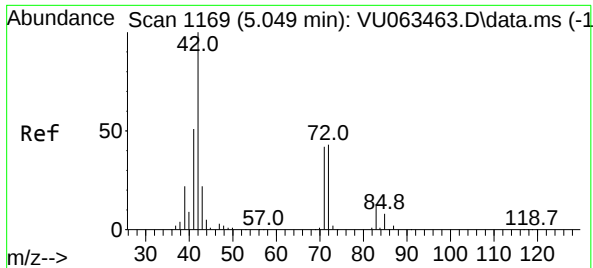
Tgt Ion: 96 Resp: 28497
Ion Ratio Lower Upper
96 100
61 156.6 0.0 307.2
98 64.3 0.0 133.0



#28
Bromochloromethane
Concen: 22.863 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 49 Resp: 24667
Ion Ratio Lower Upper
49 100
129 1.9 0.0 3.8
130 74.6 59.0 88.4

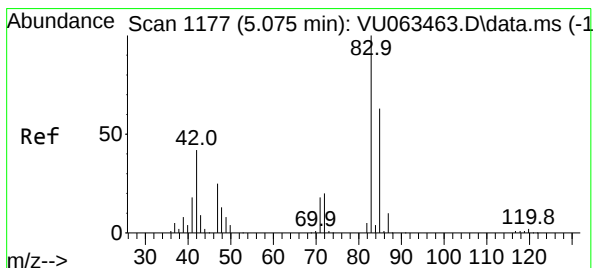
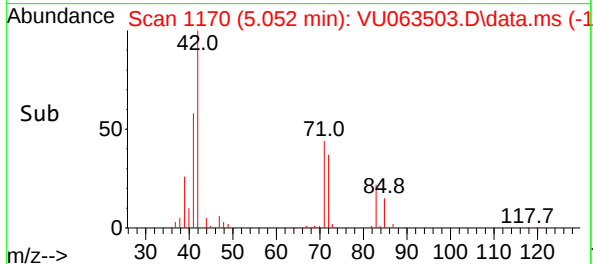
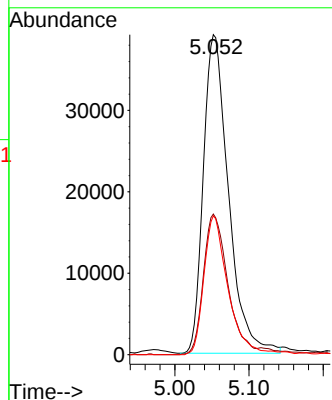
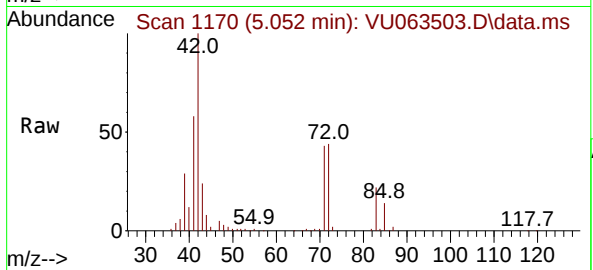




#29
Tetrahydrofuran
Concen: 116.123 ug/l
RT: 5.052 min Scan# 1170
Delta R.T. 0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

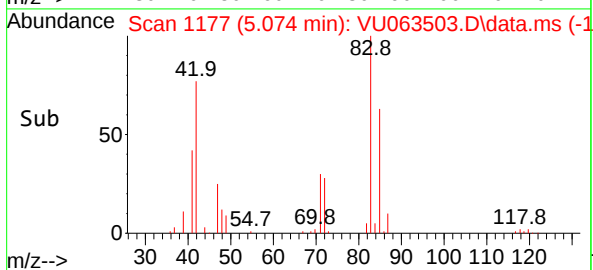
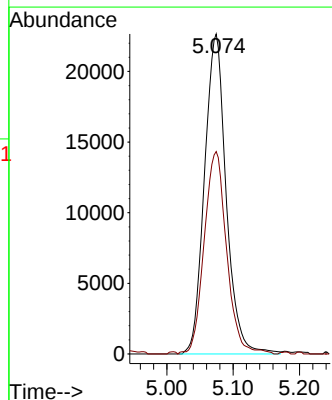
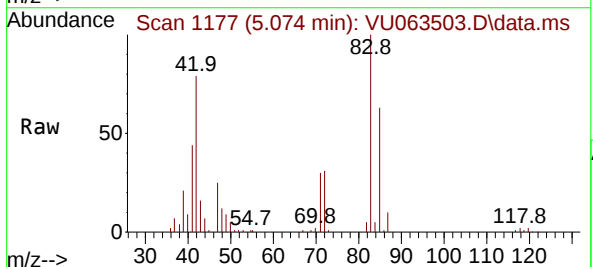
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

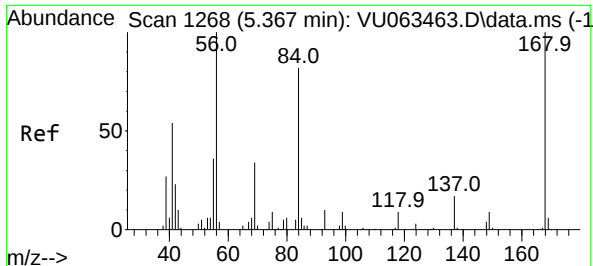
Tgt Ion:	42	Resp:	92113
Ion Ratio	Lower	Upper	
42	100		
72	42.7	36.2	54.4
71	41.5	33.3	49.9



#30
Chloroform
Concen: 21.252 ug/l
RT: 5.074 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion:	83	Resp:	51536
Ion Ratio	Lower	Upper	
83	100		
85	62.8	50.7	76.1

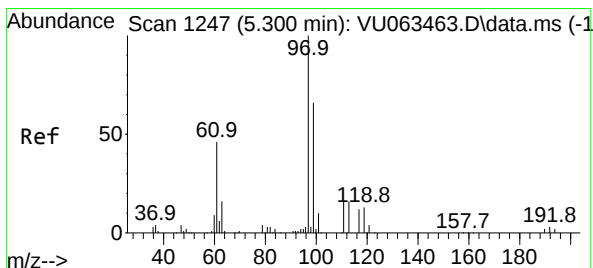
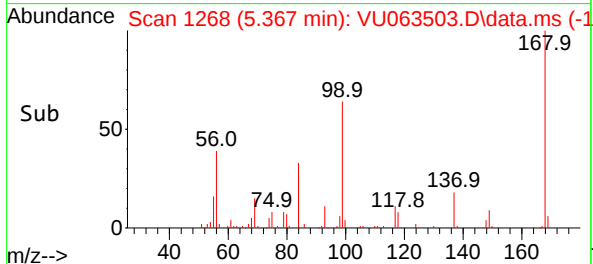
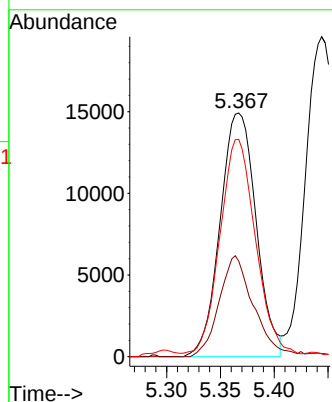
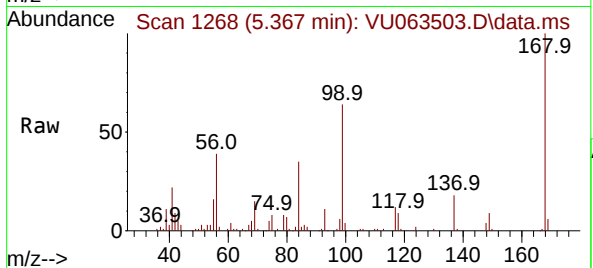




#31
Cyclohexane
Concen: 18.815 ug/l
RT: 5.367 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

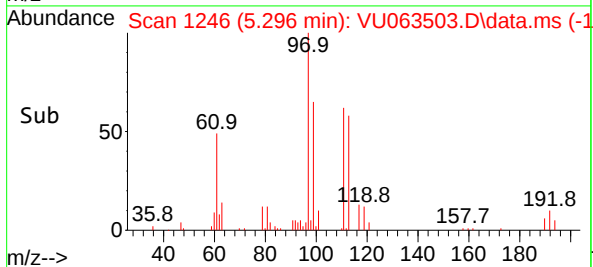
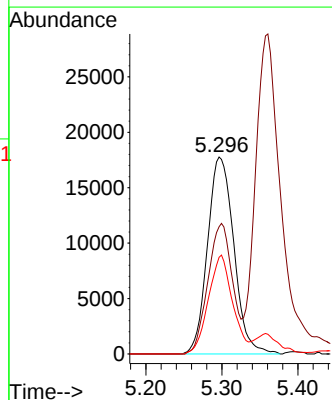
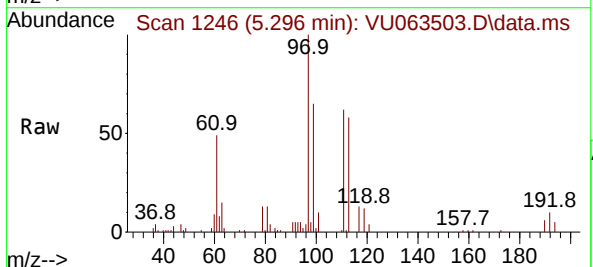
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

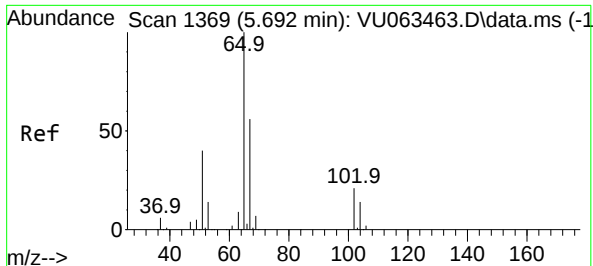
Tgt Ion: 56 Resp: 34740
Ion Ratio Lower Upper
56 100
69 39.2 27.0 40.4
84 87.8 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 20.713 ug/l
RT: 5.296 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 97 Resp: 42768
Ion Ratio Lower Upper
97 100
99 61.1 50.4 75.6
61 46.1 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 52.764 ug/l

RT: 5.688 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

Instrument :

MSVOA_U

ClientSampleId :

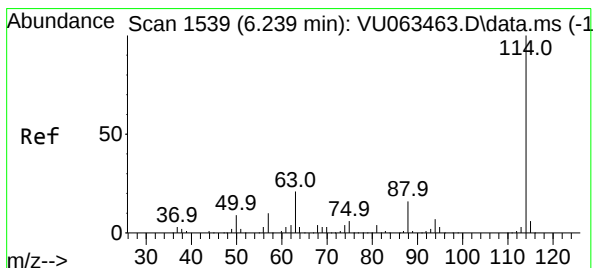
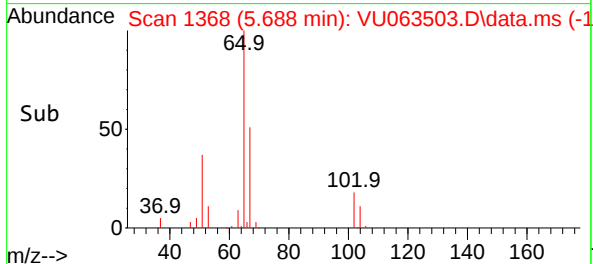
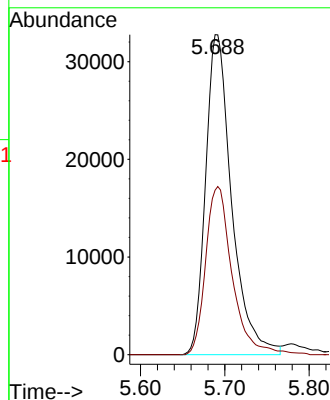
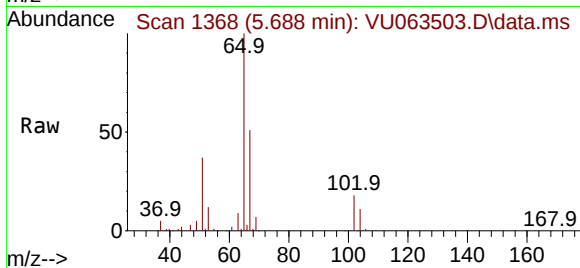
VU0714WBS01

Tgt Ion: 65 Resp: 70458

Ion Ratio Lower Upper

65 100

67 53.7 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: VU063503.D

Acq: 14 Jul 2025 11:24

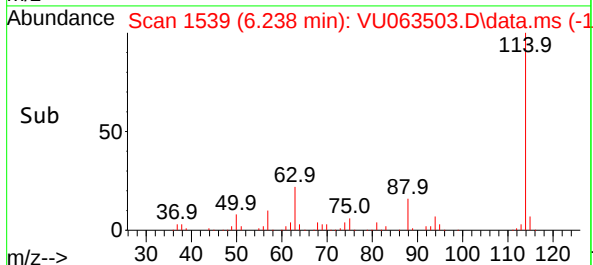
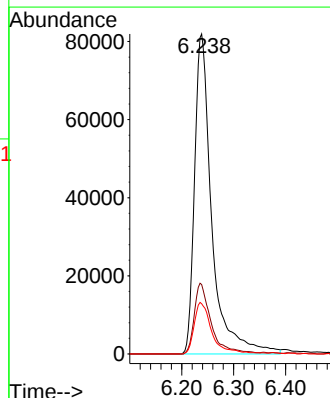
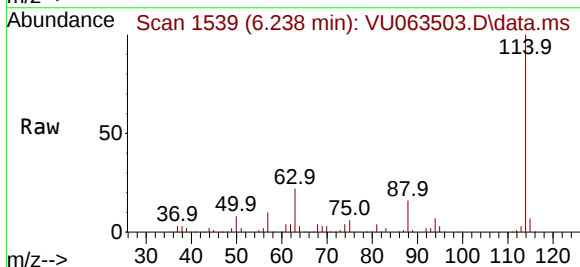
Tgt Ion: 114 Resp: 188990

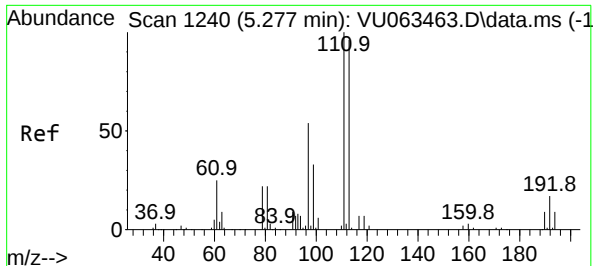
Ion Ratio Lower Upper

114 100

63 21.7 0.0 41.6

88 15.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.131 ug/l

RT: 5.274 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBS01

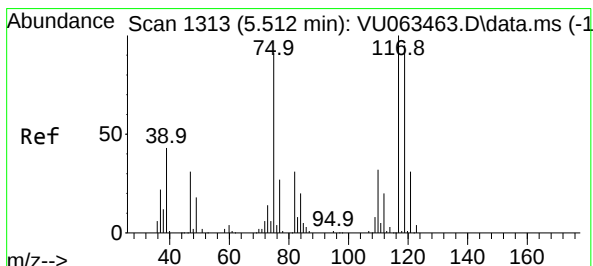
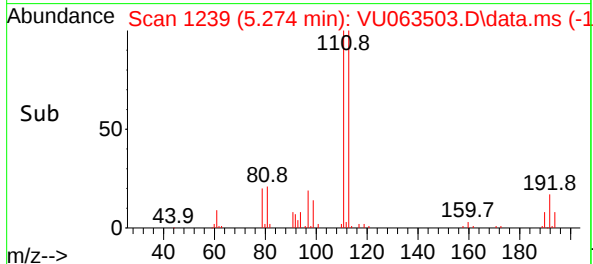
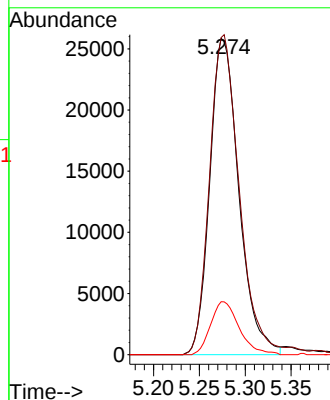
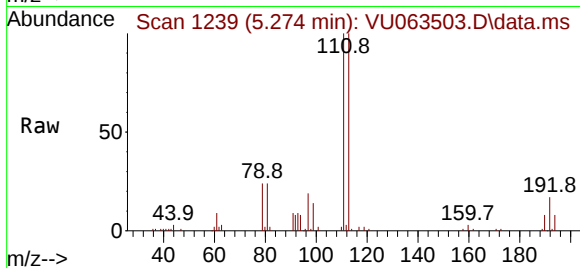
Tgt Ion:113 Resp: 57109

Ion Ratio Lower Upper

113 100

111 102.8 82.1 123.1

192 16.5 14.3 21.5



#36

1,1-Dichloropropene

Concen: 18.708 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

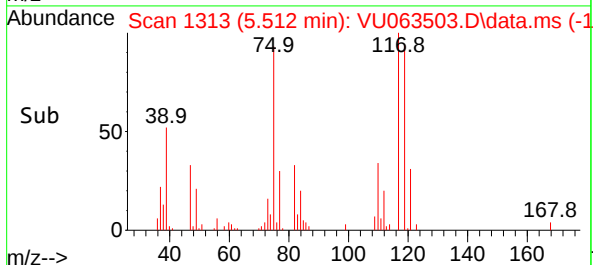
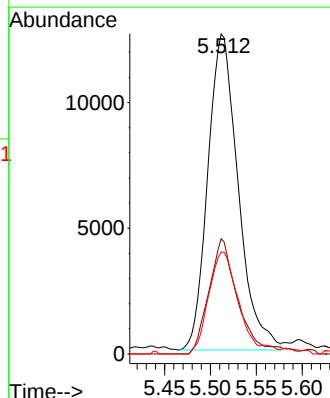
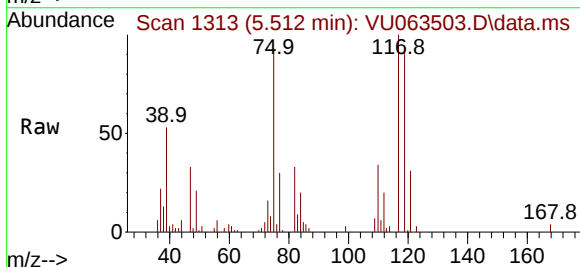
Tgt Ion: 75 Resp: 28958

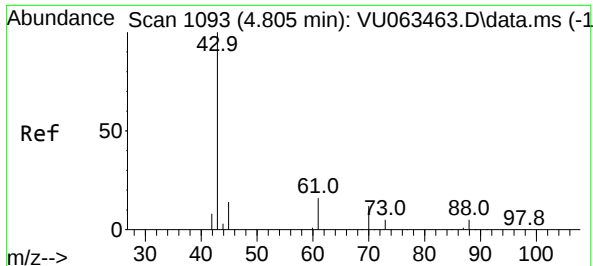
Ion Ratio Lower Upper

75 100

110 35.1 17.3 52.0

77 30.8 23.9 35.9

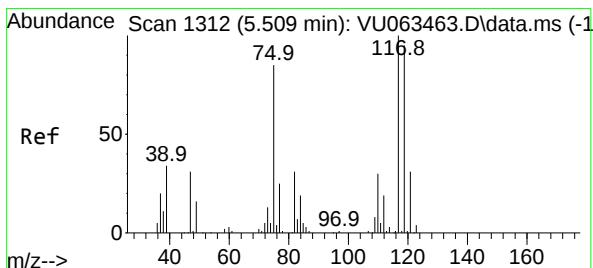
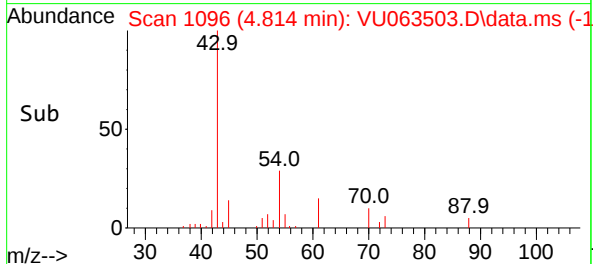
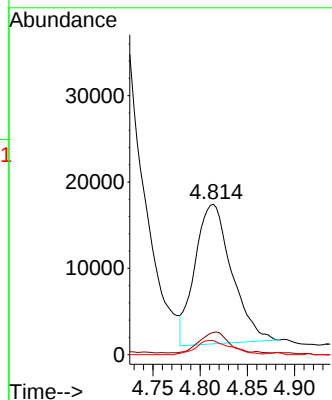
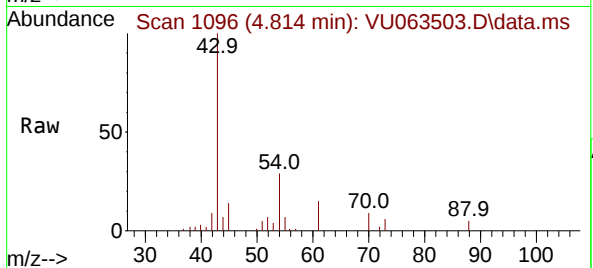




#37
Ethyl Acetate
Concen: 17.460 ug/l
RT: 4.814 min Scan# 1096
Delta R.T. 0.009 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

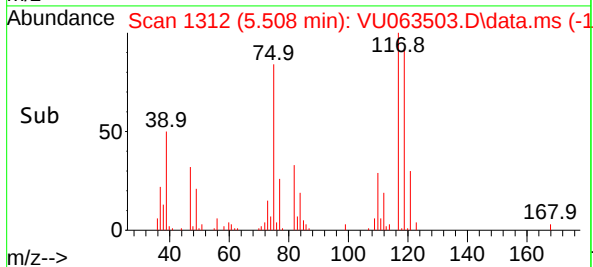
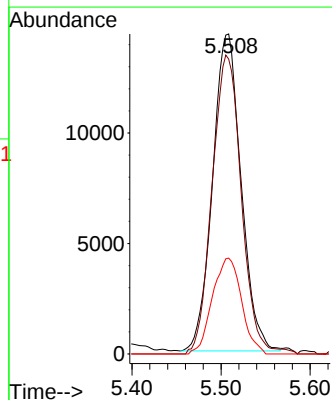
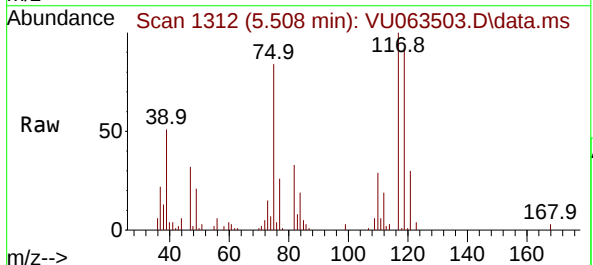
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

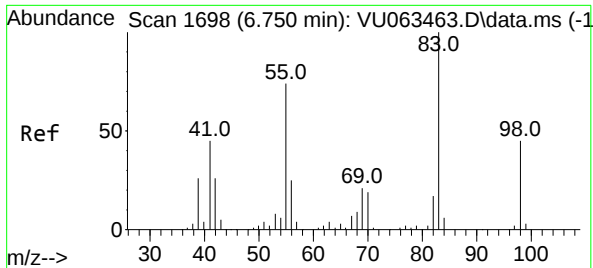
Tgt Ion: 43 Resp: 43770
Ion Ratio Lower Upper
43 100
61 11.4 10.4 15.6
70 9.7 7.8 11.8



#38
Carbon Tetrachloride
Concen: 18.670 ug/l
RT: 5.508 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 117 Resp: 31843
Ion Ratio Lower Upper
117 100
119 93.1 76.1 114.1
121 30.2 25.0 37.4





#39

Methylcyclohexane

Concen: 17.781 ug/l

RT: 6.746 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBS01

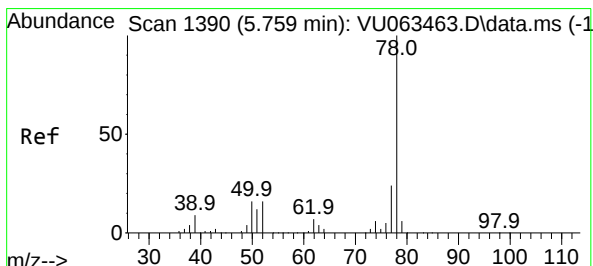
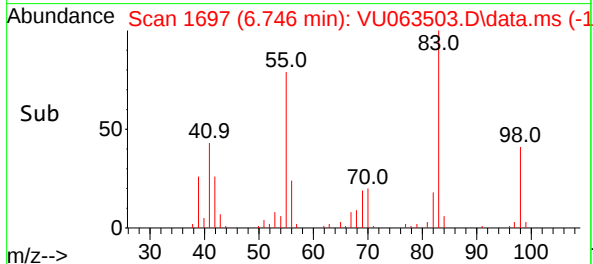
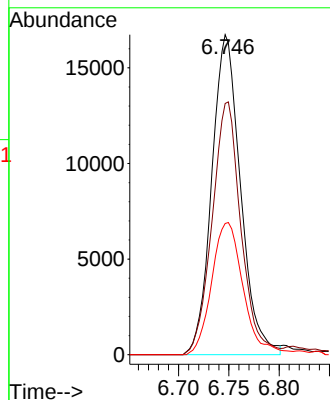
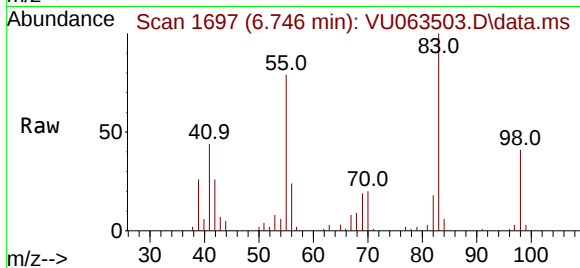
Tgt Ion: 83 Resp: 33256

Ion Ratio Lower Upper

83 100

55 78.5 59.4 89.2

98 41.0 36.2 54.4



#40

Benzene

Concen: 19.771 ug/l

RT: 5.759 min Scan# 1390

Delta R.T. -0.000 min

Lab File: VU063503.D

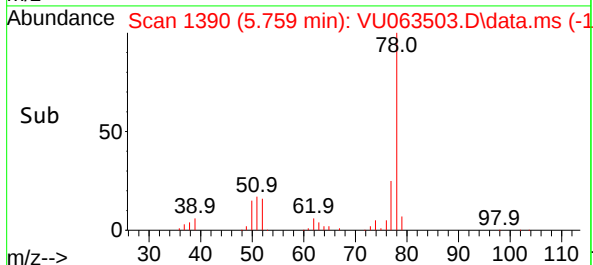
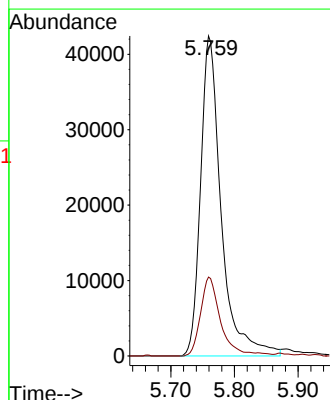
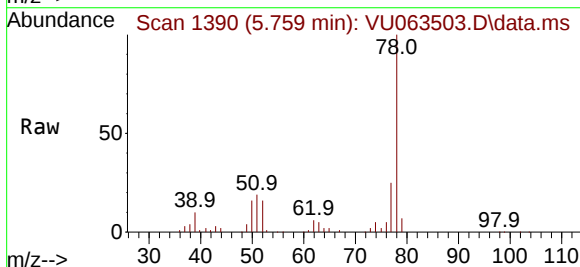
Acq: 14 Jul 2025 11:24

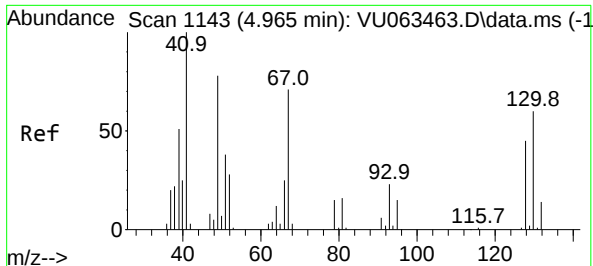
Tgt Ion: 78 Resp: 95577

Ion Ratio Lower Upper

78 100

77 24.7 19.0 28.4

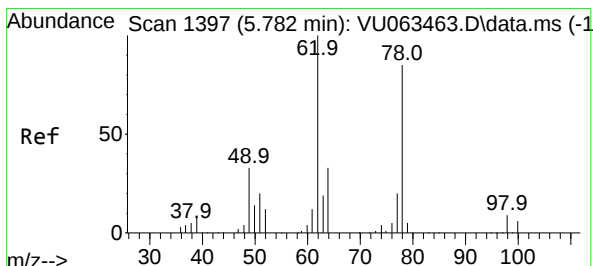
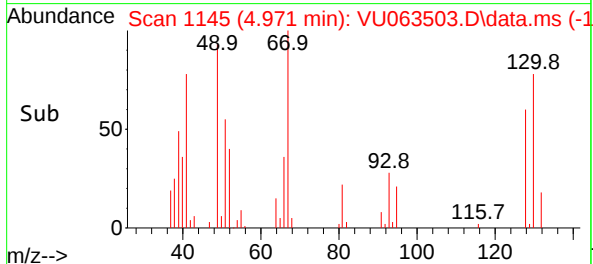
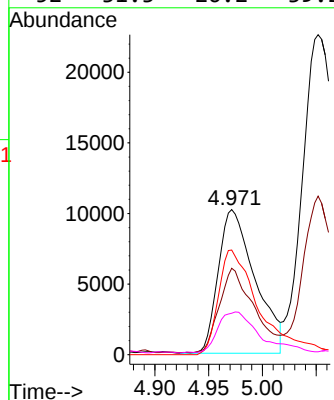
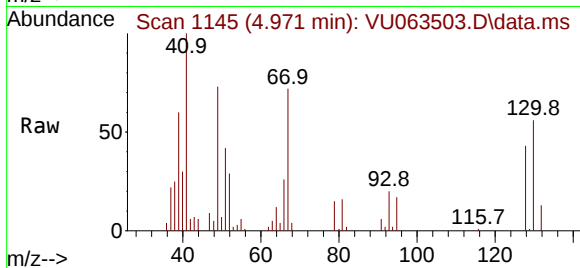




#41
Methacrylonitrile
Concen: 20.471 ug/l
RT: 4.971 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

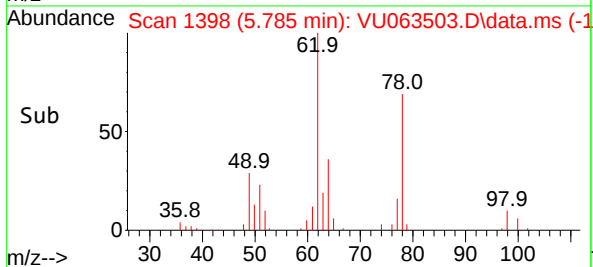
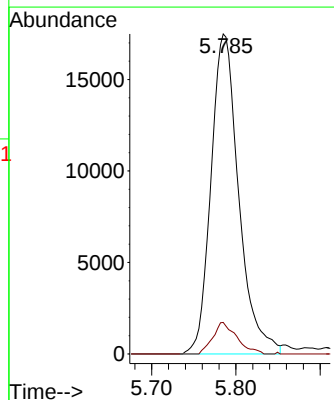
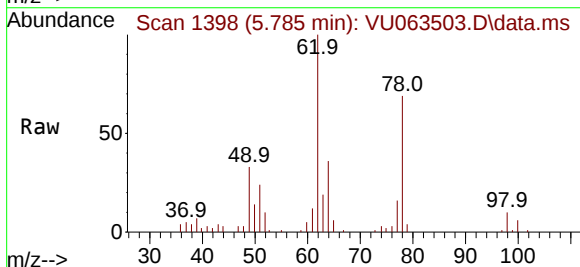
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

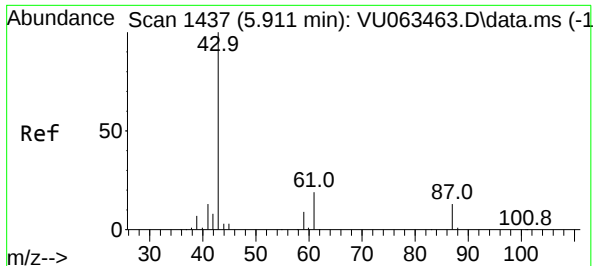
Tgt Ion:	41	Resp:	24215
Ion	Ratio	Lower	Upper
41	100		
39	55.6	43.6	65.4
67	82.1	62.8	94.2
52	31.3	26.2	39.2



#42
1,2-Dichloroethane
Concen: 22.005 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion:	62	Resp:	40000
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6





#43

Isopropyl Acetate

Concen: 20.149 ug/l

RT: 5.910 min Scan# 1437

Delta R.T. -0.000 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBS01

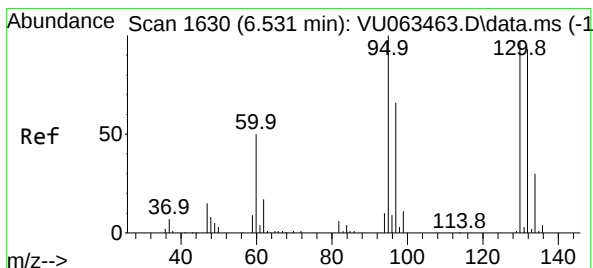
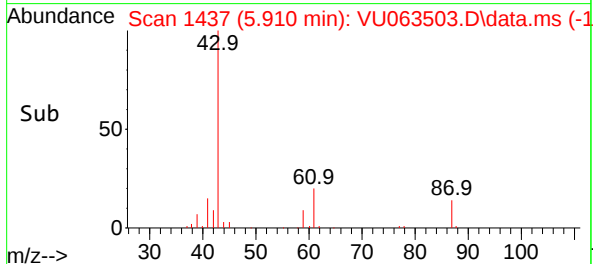
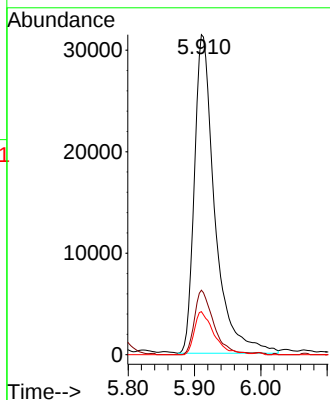
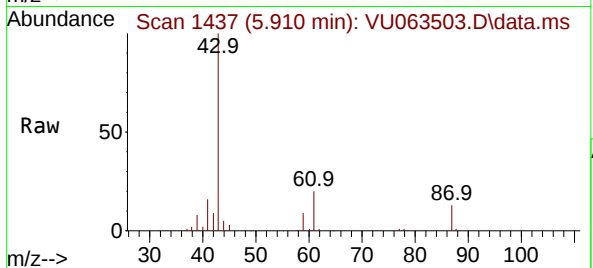
Tgt Ion: 43 Resp: 67092

Ion Ratio Lower Upper

43 100

61 19.0 15.4 23.2

87 13.0 10.5 15.7



#44

Trichloroethene

Concen: 19.556 ug/l

RT: 6.531 min Scan# 1630

Delta R.T. -0.000 min

Lab File: VU063503.D

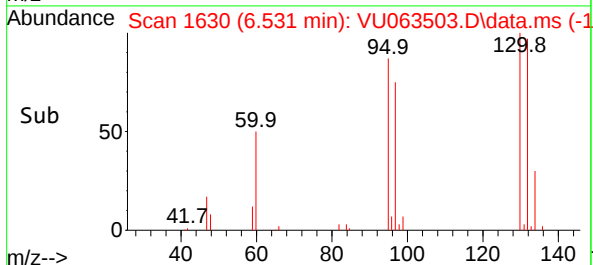
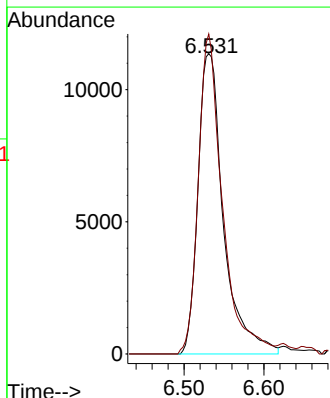
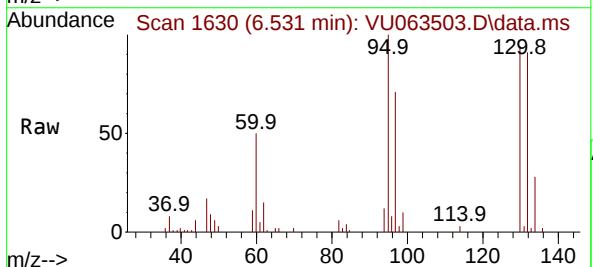
Acq: 14 Jul 2025 11:24

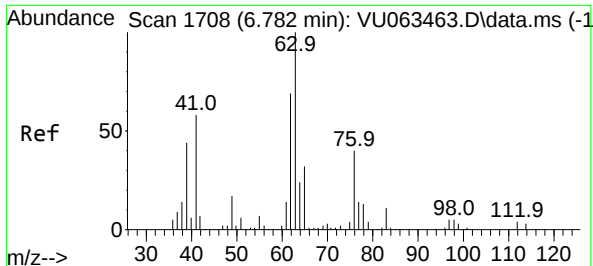
Tgt Ion:130 Resp: 25299

Ion Ratio Lower Upper

130 100

95 106.6 0.0 206.4





#45

1,2-Dichloropropane

Concen: 19.444 ug/l

RT: 6.782 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

Instrument :

MSVOA_U

ClientSampleId :

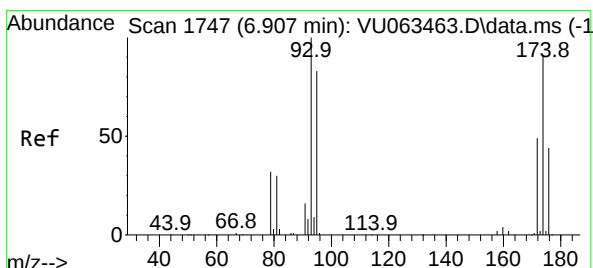
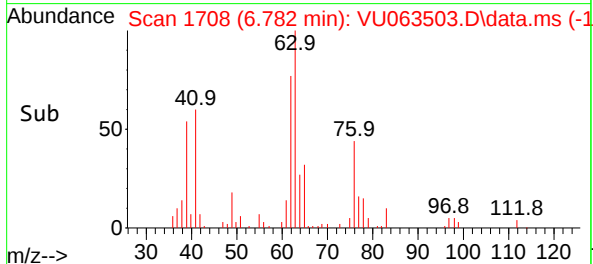
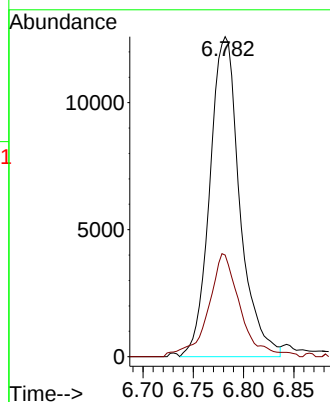
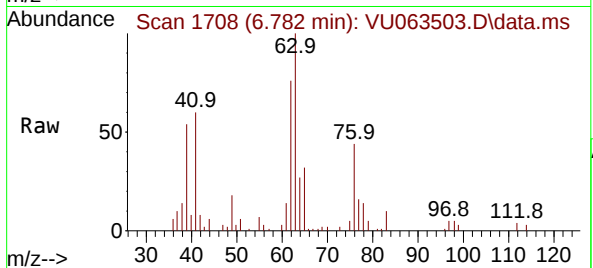
VU0714WBS01

Tgt Ion: 63 Resp: 26131

Ion Ratio Lower Upper

63 100

65 30.4 25.3 37.9



#46

Dibromomethane

Concen: 21.035 ug/l

RT: 6.907 min Scan# 1747

Delta R.T. -0.000 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

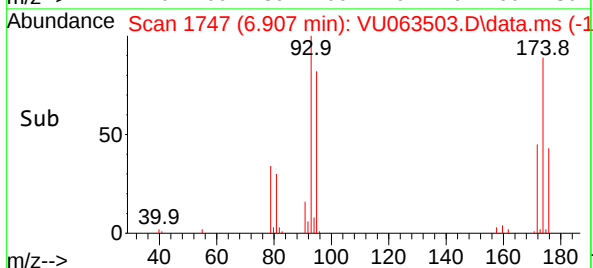
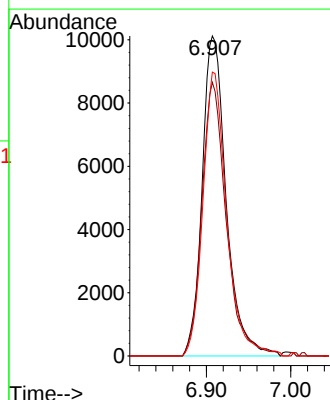
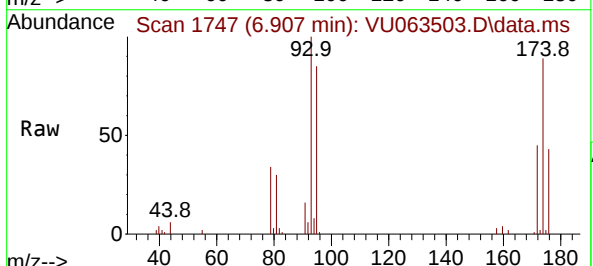
Tgt Ion: 93 Resp: 20113

Ion Ratio Lower Upper

93 100

95 86.9 67.5 101.3

174 88.0 73.1 109.7





#47

Bromodichloromethane

Concen: 20.456 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBS01

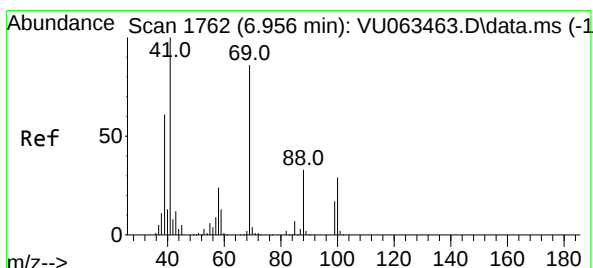
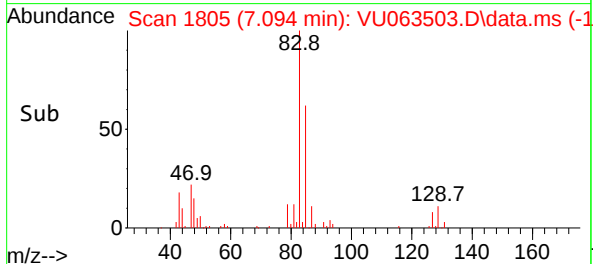
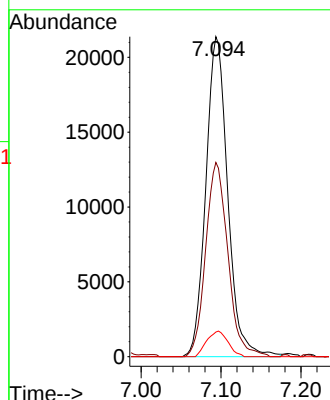
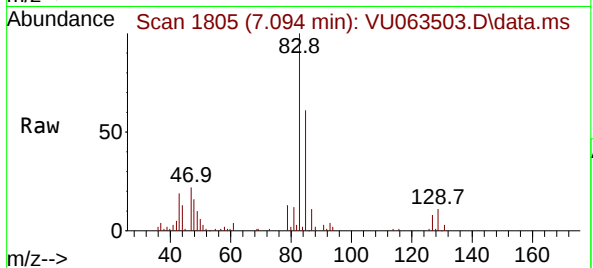
Tgt Ion: 83 Resp: 40671

Ion Ratio Lower Upper

83 100

85 60.7 51.4 77.0

127 7.7 7.0 10.4



#48

Methyl methacrylate

Concen: 20.976 ug/l

RT: 6.959 min Scan# 1763

Delta R.T. 0.003 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

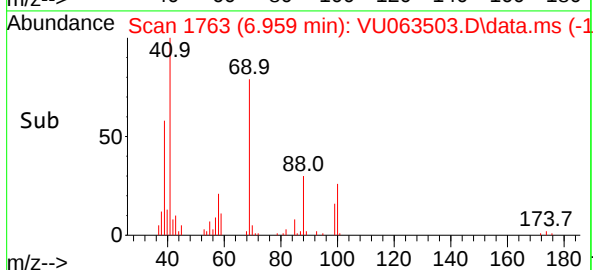
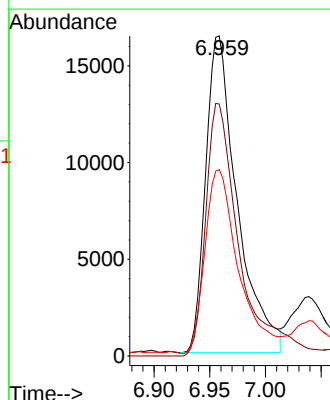
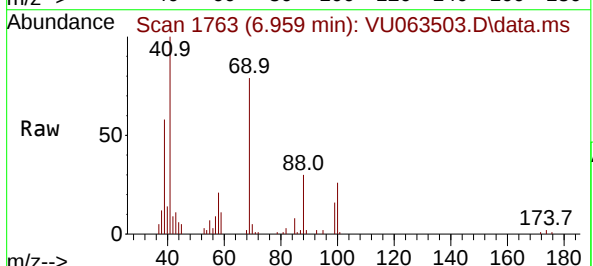
Tgt Ion: 41 Resp: 32282

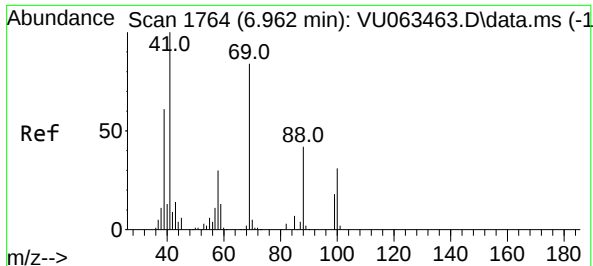
Ion Ratio Lower Upper

41 100

69 85.0 69.8 104.8

39 61.9 48.3 72.5

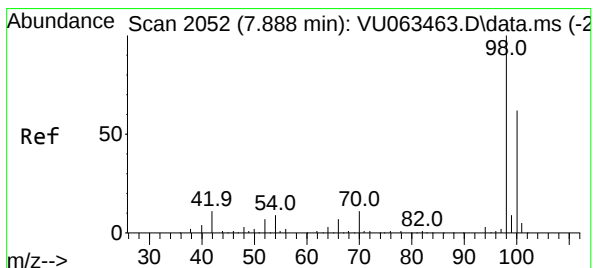
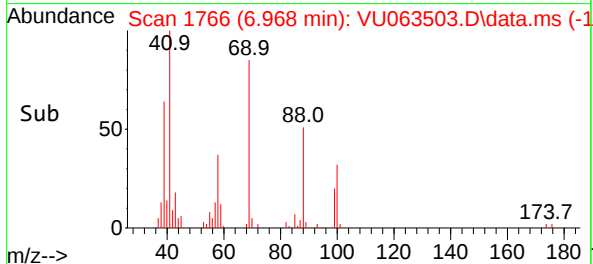
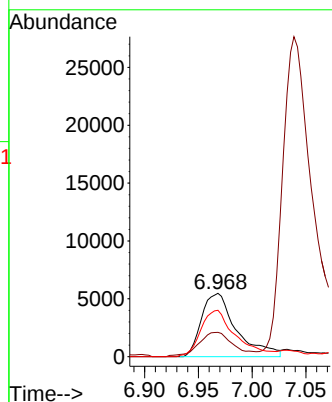
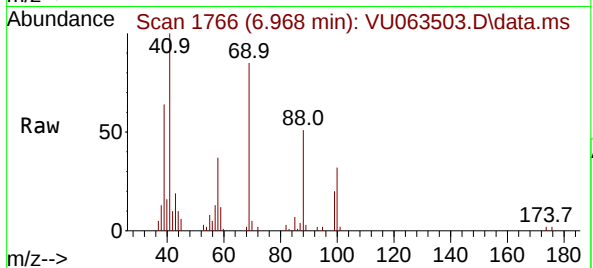




#49
1,4-Dioxane
Concen: 365.044 ug/l
RT: 6.968 min Scan# 11
Delta R.T. 0.006 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

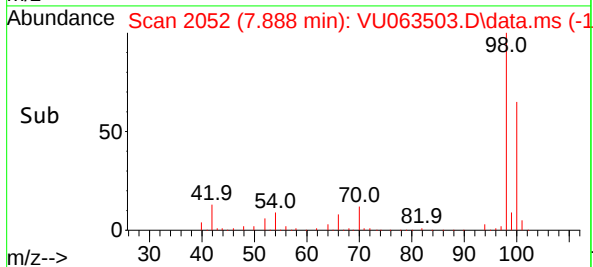
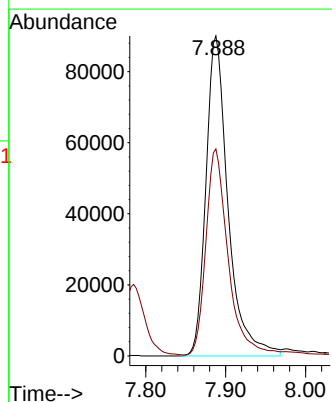
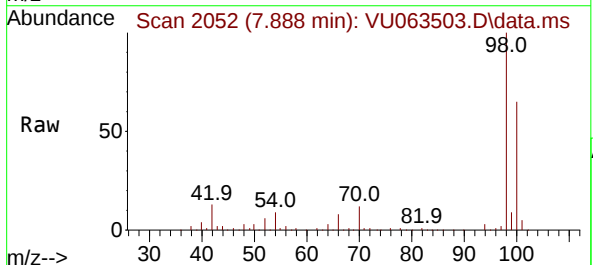
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

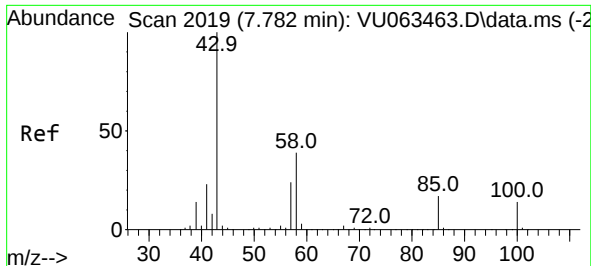
Tgt Ion: 88 Resp: 12328
Ion Ratio Lower Upper
88 100
43 38.5 25.6 38.4#
58 73.7 55.0 82.6



#50
Toluene-d8
Concen: 46.713 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 98 Resp: 173464
Ion Ratio Lower Upper
98 100
100 64.1 48.1 72.1

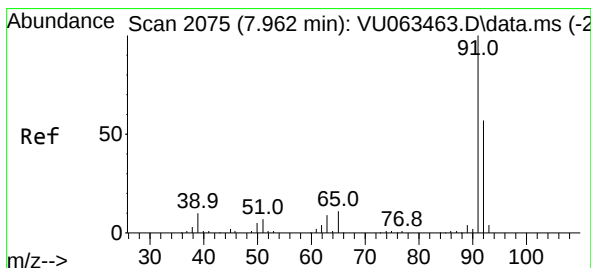
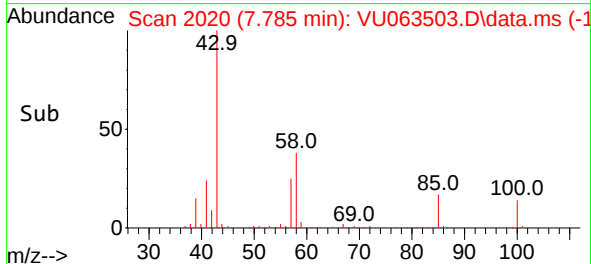
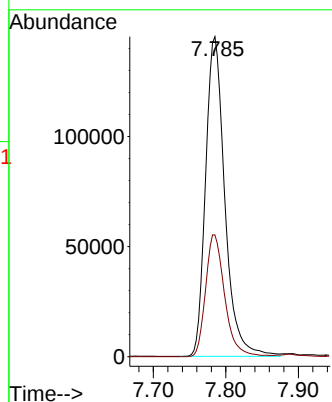
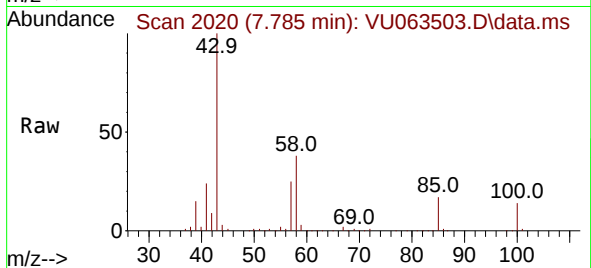




#51
4-Methyl-2-Pentanone
Concen: 111.198 ug/l
RT: 7.785 min Scan# 2019
Delta R.T. 0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

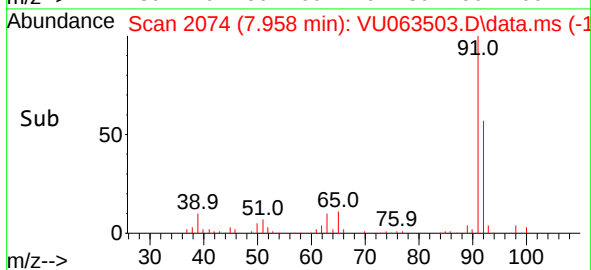
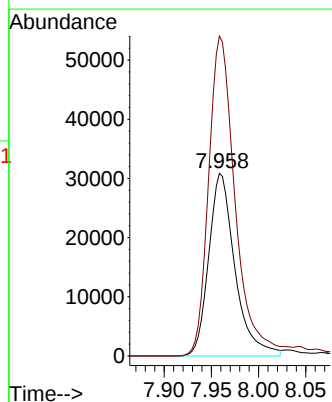
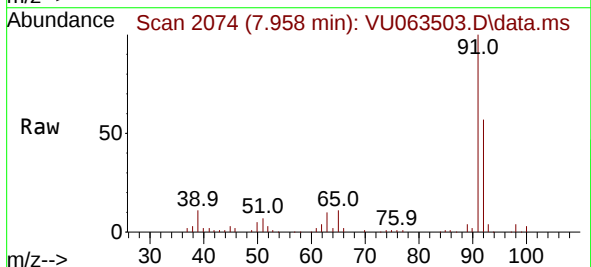
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

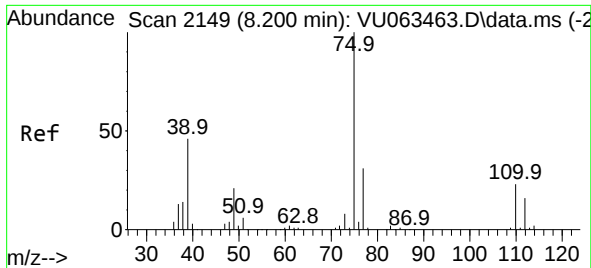
Tgt Ion: 43 Resp: 267995
Ion Ratio Lower Upper
43 100
58 37.7 31.0 46.4



#52
Toluene
Concen: 18.858 ug/l
RT: 7.958 min Scan# 2074
Delta R.T. -0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 92 Resp: 59629
Ion Ratio Lower Upper
92 100
91 178.3 144.5 216.7

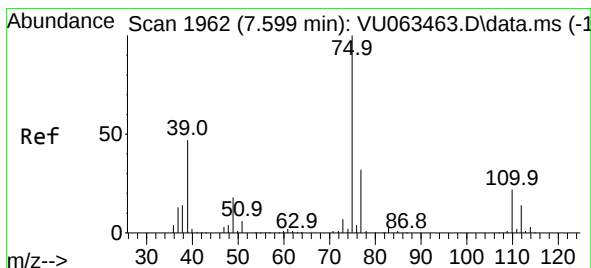
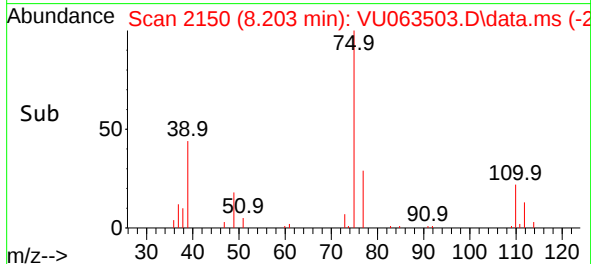
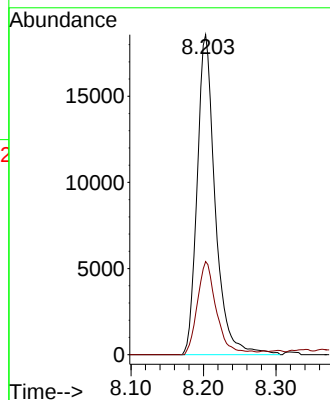
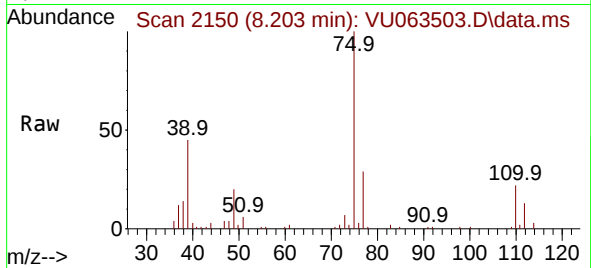




#53
t-1,3-Dichloropropene
Concen: 18.425 ug/l
RT: 8.203 min Scan# 2149
Delta R.T. 0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

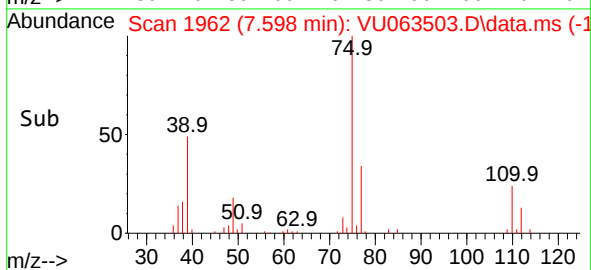
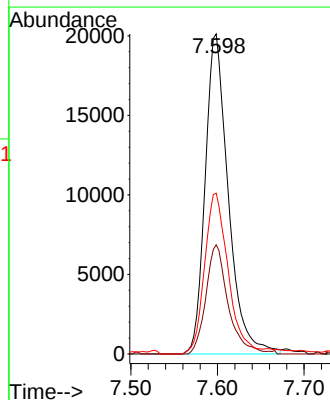
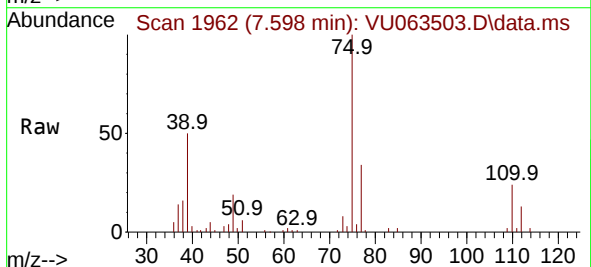
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

Tgt Ion: 75 Resp: 32057
Ion Ratio Lower Upper
75 100
77 29.1 25.0 37.6



#54
cis-1,3-Dichloropropene
Concen: 19.154 ug/l
RT: 7.598 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 75 Resp: 37305
Ion Ratio Lower Upper
75 100
77 34.1 25.4 38.0
39 50.3 37.2 55.8

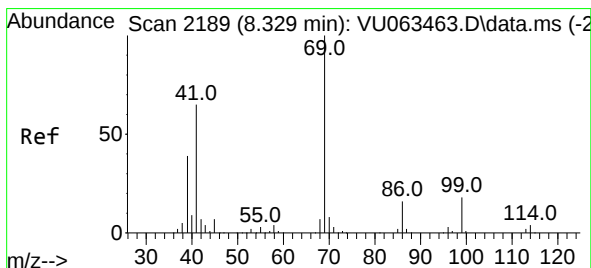
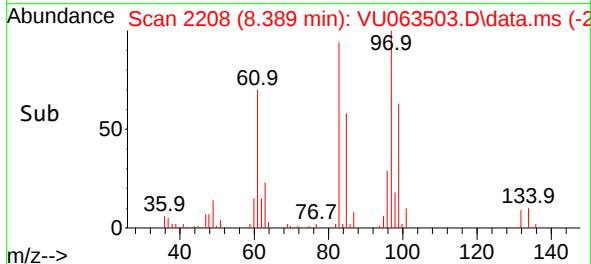
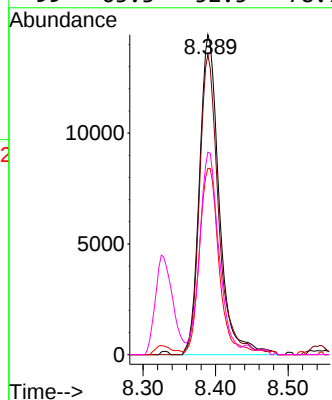
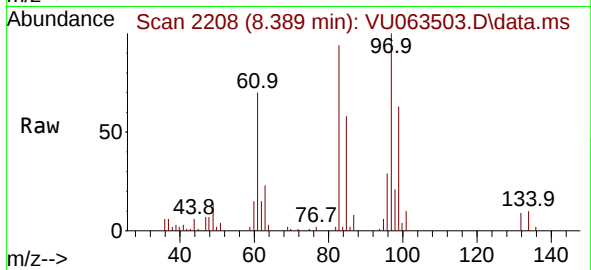




#55
 1,1,2-Trichloroethane
 Concen: 20.303 ug/l
 RT: 8.389 min Scan# 2189
 Delta R.T. -0.000 min
 Lab File: VU063503.D
 Acq: 14 Jul 2025 11:24

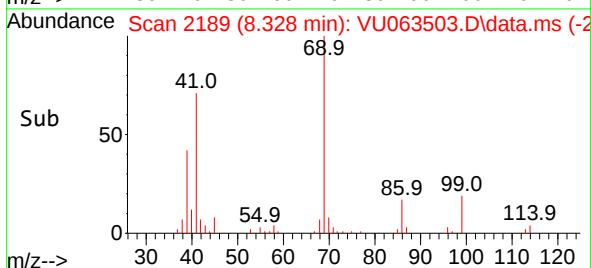
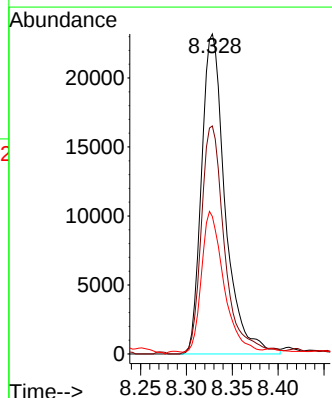
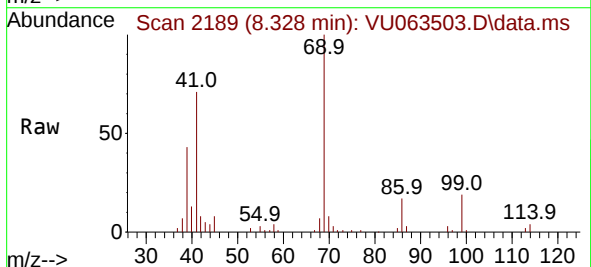
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0714WBS01

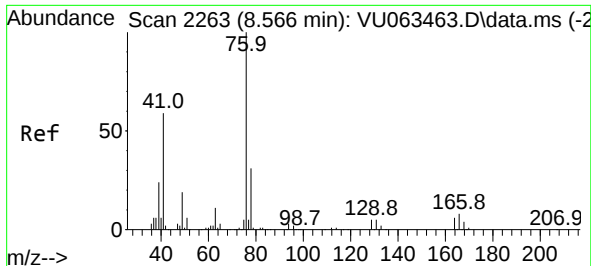
Tgt Ion: 97	Resp: 27263
Ion Ratio	Lower Upper
97 100	
83 93.8	74.2 111.4
85 58.3	45.8 68.8
99 63.3	52.5 78.7



#56
 Ethyl methacrylate
 Concen: 19.173 ug/l
 RT: 8.328 min Scan# 2189
 Delta R.T. -0.000 min
 Lab File: VU063503.D
 Acq: 14 Jul 2025 11:24

Tgt Ion: 69	Resp: 41531
Ion Ratio	Lower Upper
69 100	
41 70.9	53.0 79.6
39 41.3	31.0 46.4

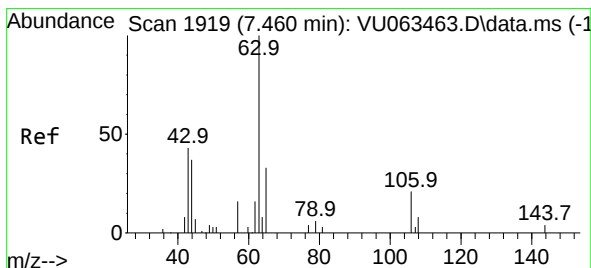
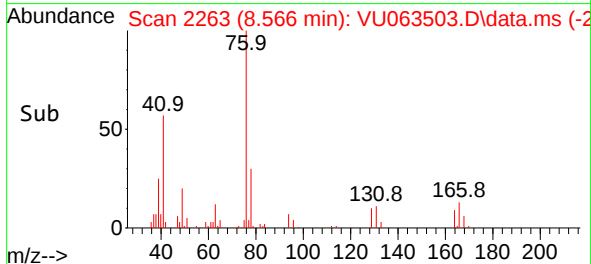
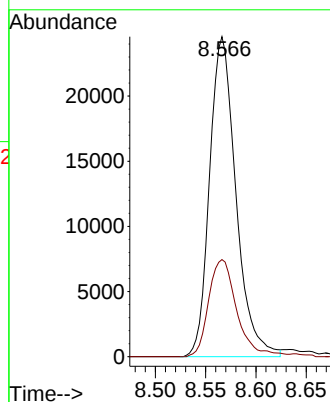
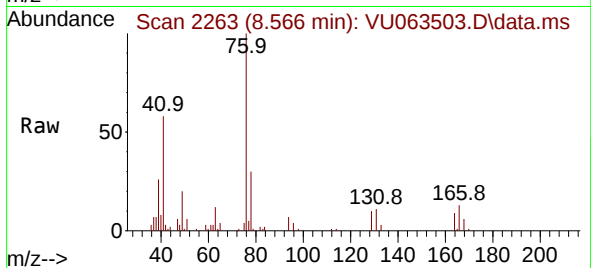




#57
1,3-Dichloropropane
Concen: 20.238 ug/l
RT: 8.566 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

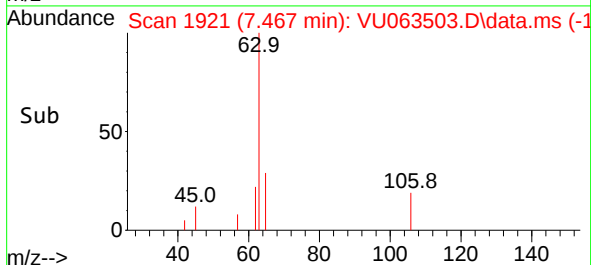
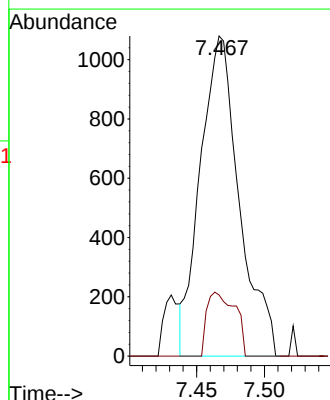
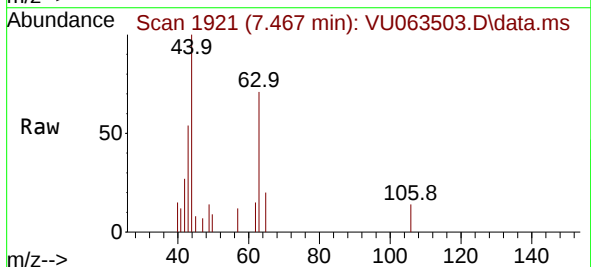
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

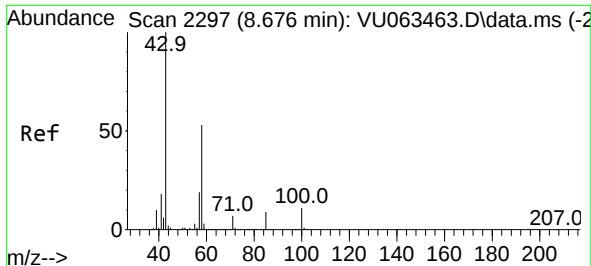
Tgt Ion: 76 Resp: 44797
Ion Ratio Lower Upper
76 100
78 32.4 25.6 38.4



#58
2-Chloroethyl Vinyl ether
Concen: 95.762 ug/l
RT: 7.467 min Scan# 1921
Delta R.T. 0.007 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 63 Resp: 2154
Ion Ratio Lower Upper
63 100
106 14.4 11.5 17.3

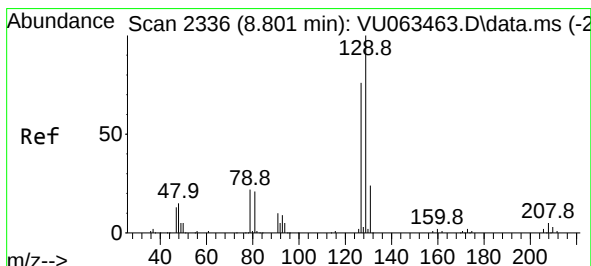
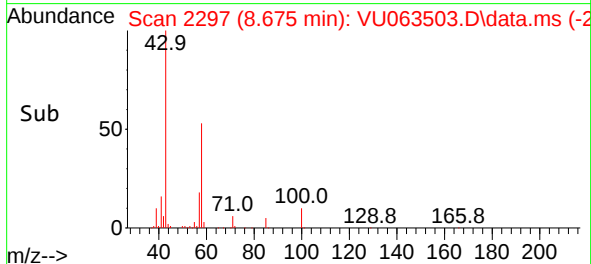
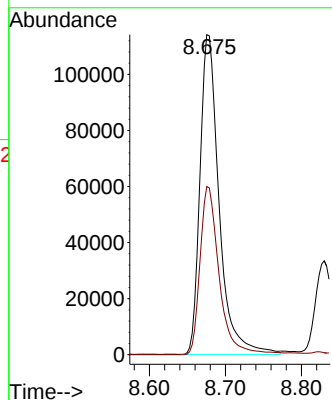
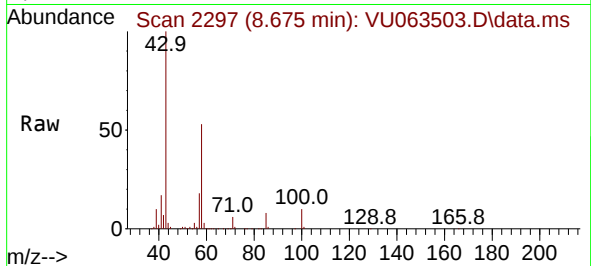




#59
2-Hexanone
Concen: 109.240 ug/l
RT: 8.675 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

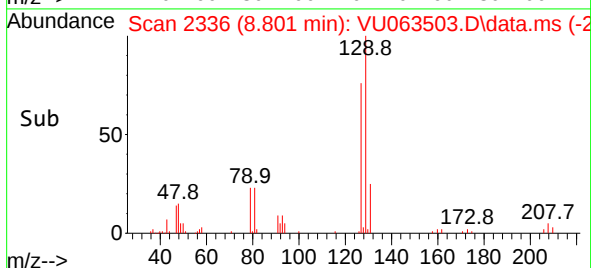
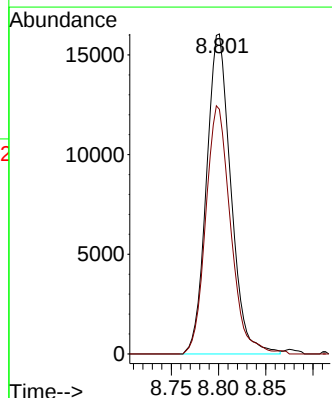
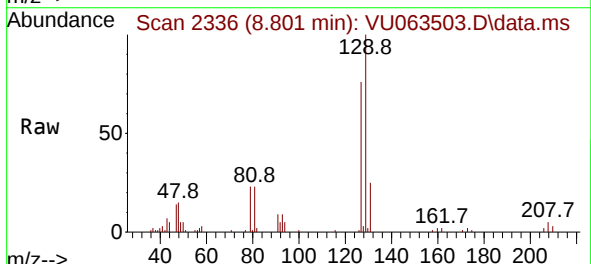
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

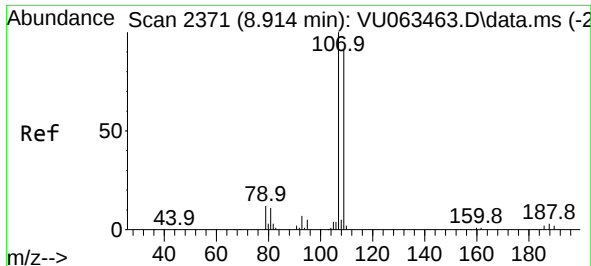
Tgt Ion: 43 Resp: 199132
Ion Ratio Lower Upper
43 100
58 52.7 26.9 80.7



#60
Dibromochloromethane
Concen: 19.134 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 129 Resp: 28783
Ion Ratio Lower Upper
129 100
127 79.0 39.1 117.2

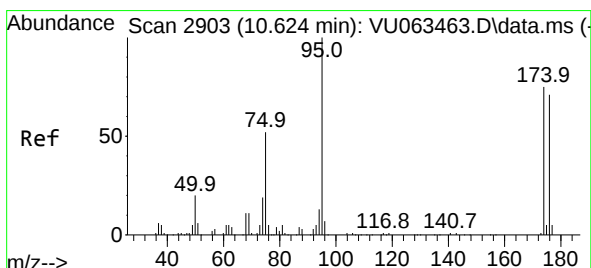
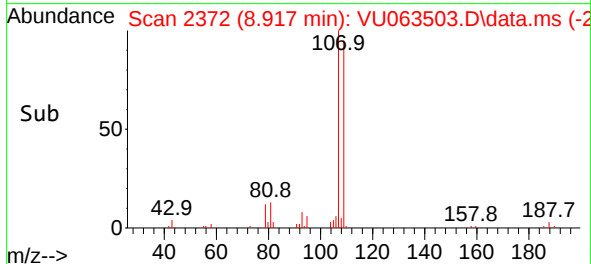
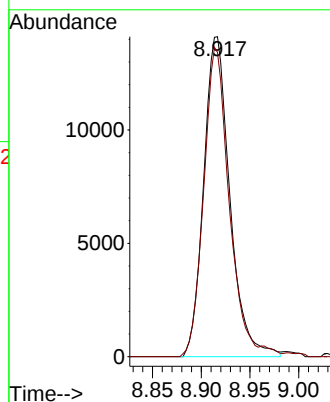
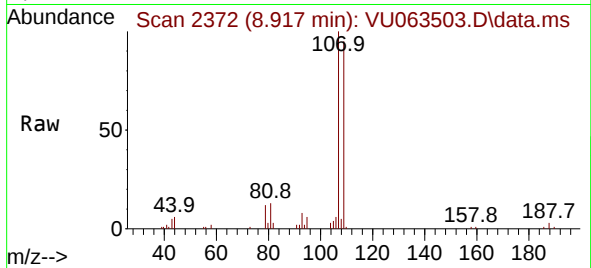




#61
1,2-Dibromoethane
Concen: 19.972 ug/l
RT: 8.917 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

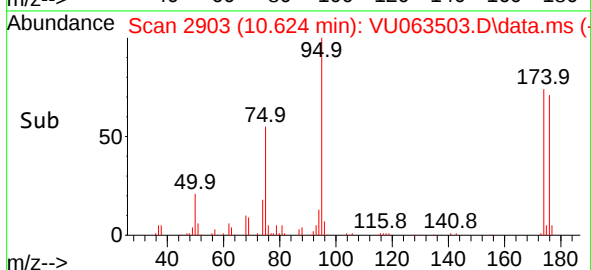
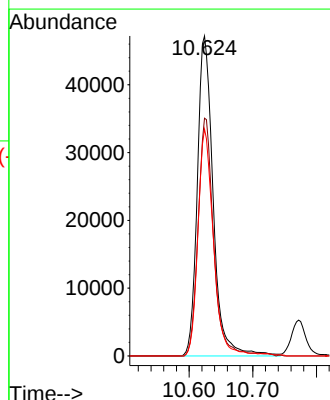
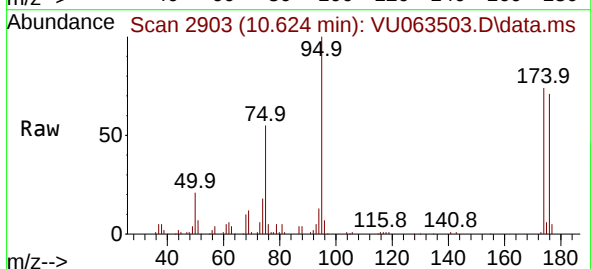
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

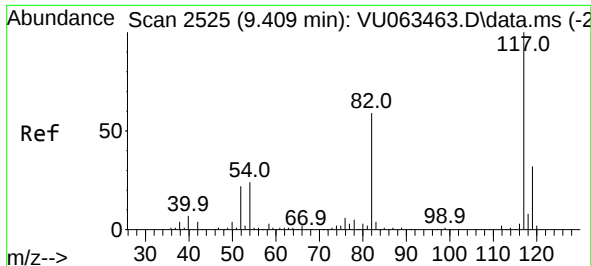
Tgt Ion:107 Resp: 26323
Ion Ratio Lower Upper
107 100
109 94.9 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 50.390 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 95 Resp: 81847
Ion Ratio Lower Upper
95 100
174 72.1 0.0 153.6
176 68.7 0.0 145.8

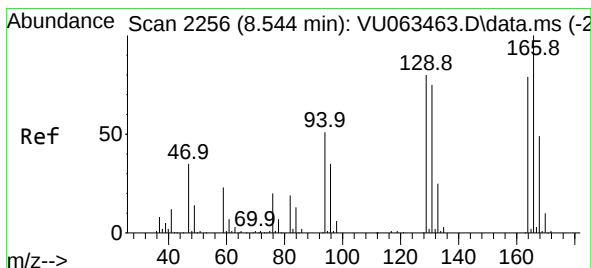
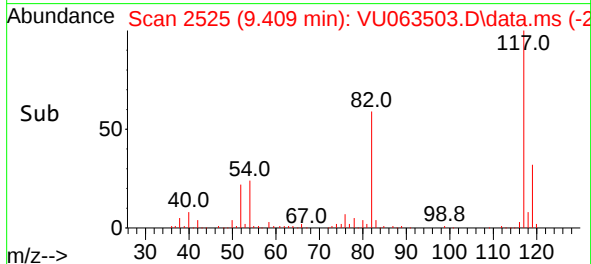
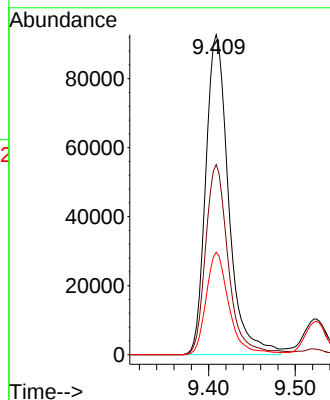
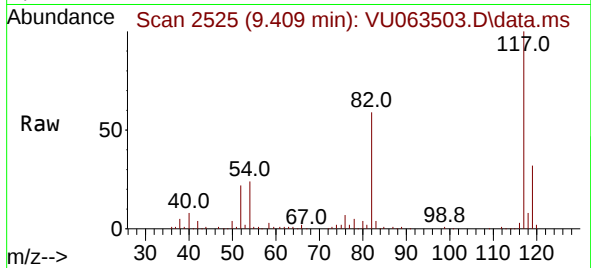




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

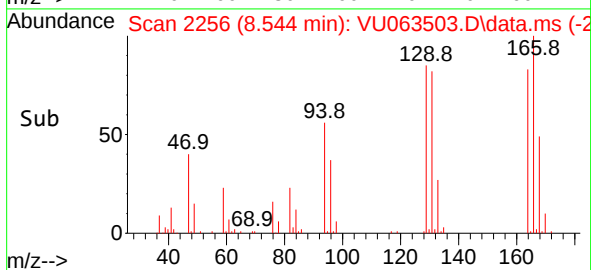
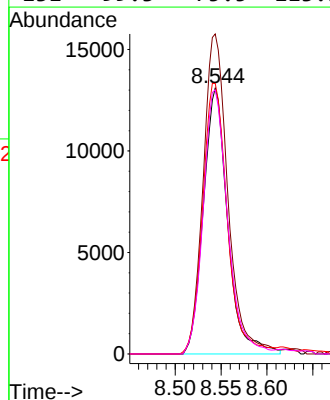
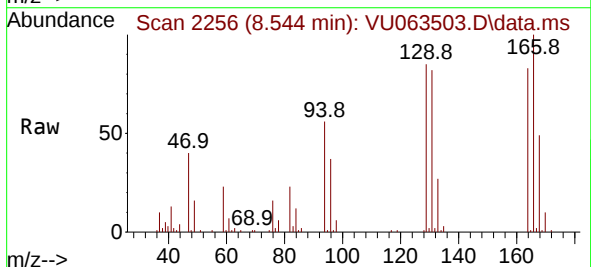
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

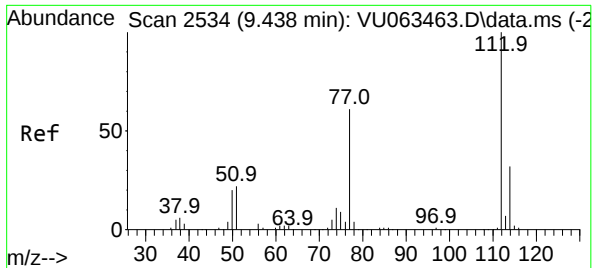
Tgt Ion:117 Resp: 170793
Ion Ratio Lower Upper
117 100
82 59.4 47.1 70.7
119 32.0 25.4 38.0



#64
Tetrachloroethene
Concen: 18.943 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion:164 Resp: 24085
Ion Ratio Lower Upper
164 100
166 120.4 100.9 151.3
129 101.8 80.9 121.3
131 99.3 75.5 113.3

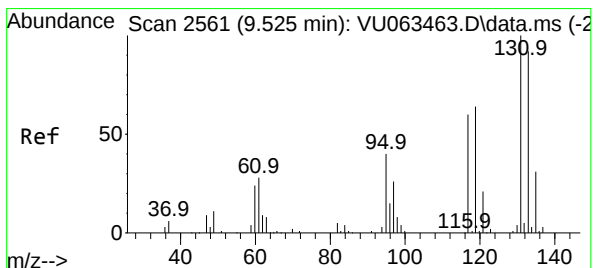
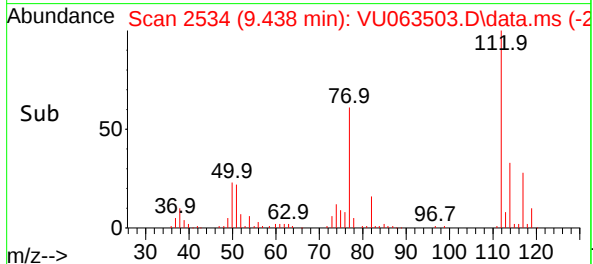
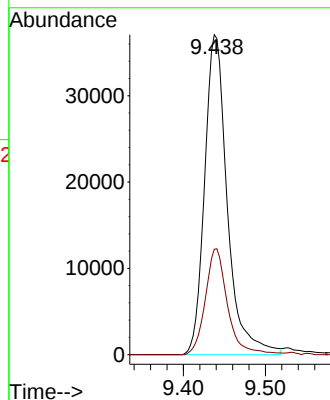
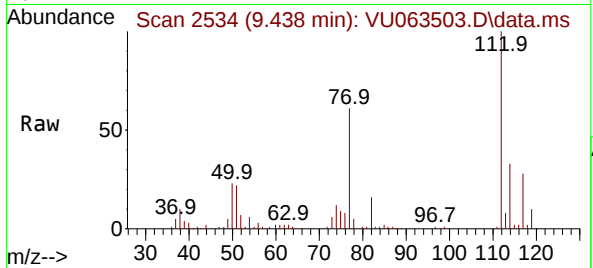




#65
Chlorobenzene
Concen: 20.076 ug/l
RT: 9.438 min Scan# 2534
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

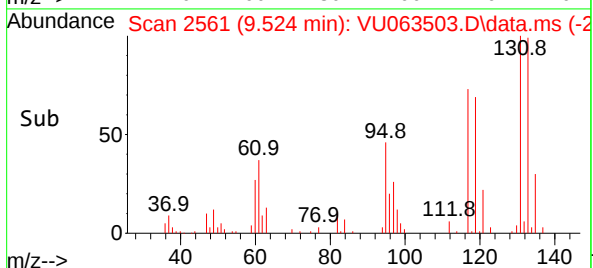
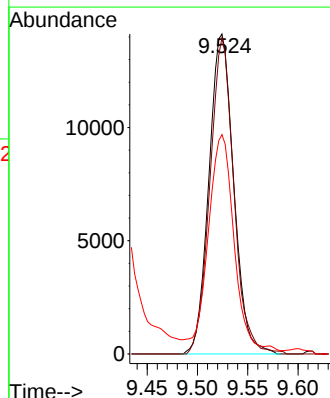
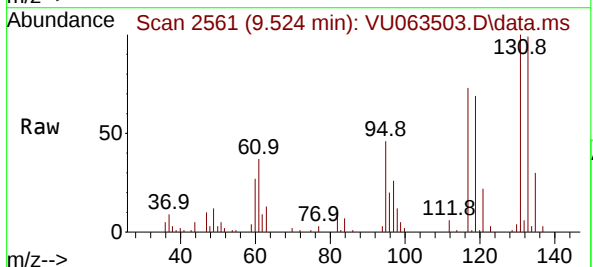
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

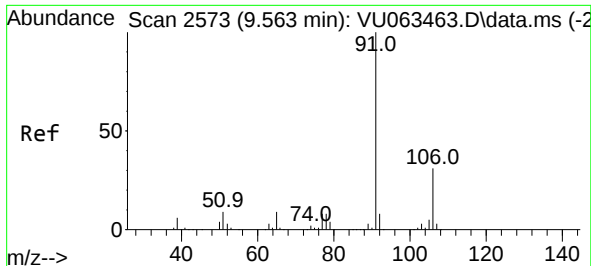
Tgt Ion:112 Resp: 71338
Ion Ratio Lower Upper
112 100
114 32.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.899 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion:131 Resp: 24249
Ion Ratio Lower Upper
131 100
133 95.1 46.4 139.2
119 69.8 33.3 99.9





#67

Ethyl Benzene

Concen: 20.080 ug/l

RT: 9.560 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

Instrument :

MSVOA_U

ClientSampleId :

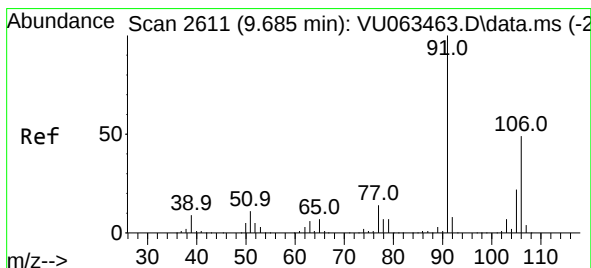
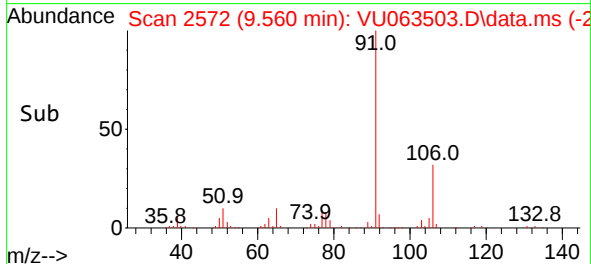
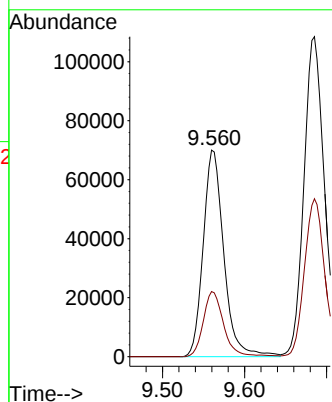
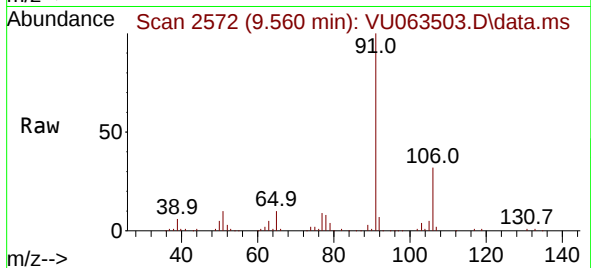
VU0714WBS01

Tgt Ion: 91 Resp: 122632

Ion Ratio Lower Upper

91 100

106 31.5 24.5 36.7



#68

m/p-Xylenes

Concen: 40.478 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. -0.000 min

Lab File: VU063503.D

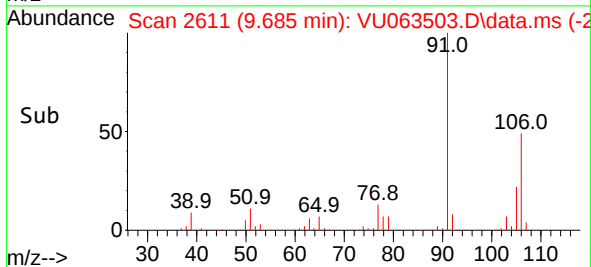
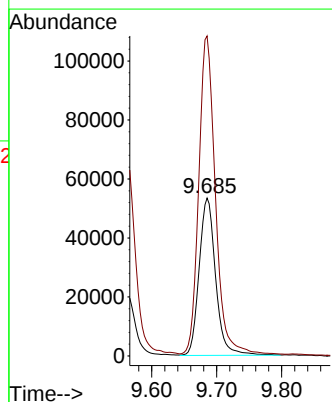
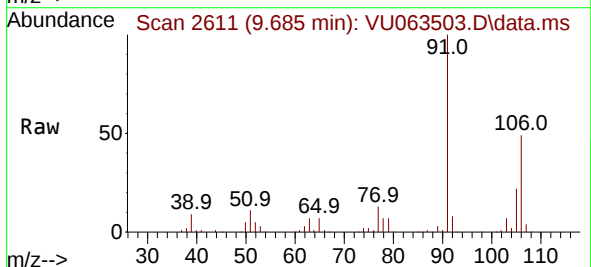
Acq: 14 Jul 2025 11:24

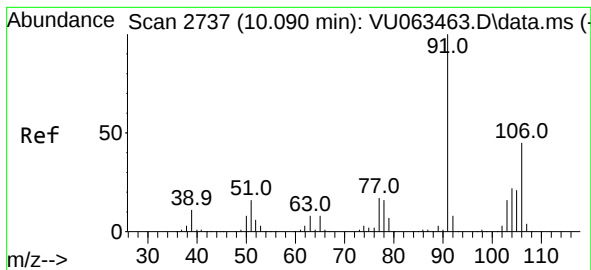
Tgt Ion:106 Resp: 94345

Ion Ratio Lower Upper

106 100

91 205.0 163.6 245.4

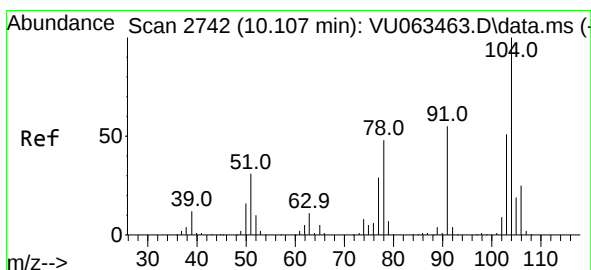
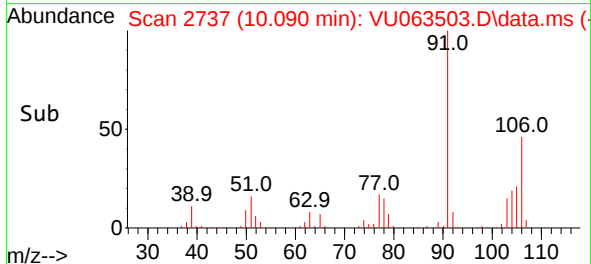
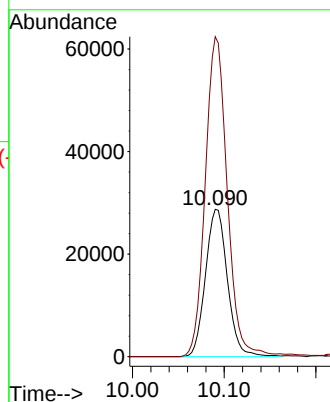
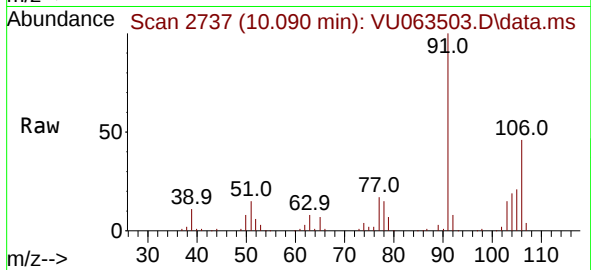




#69
o-Xylene
Concen: 20.174 ug/l
RT: 10.090 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

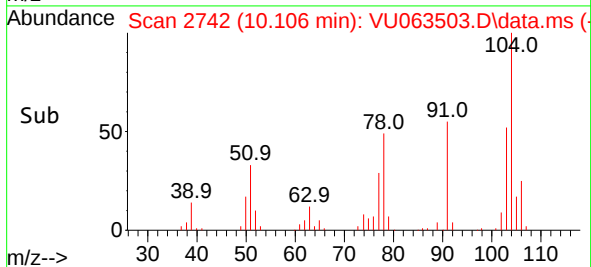
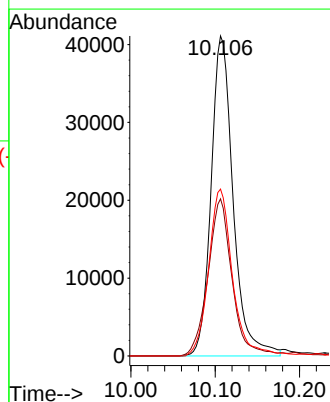
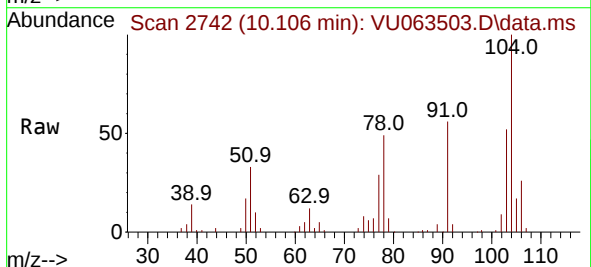
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

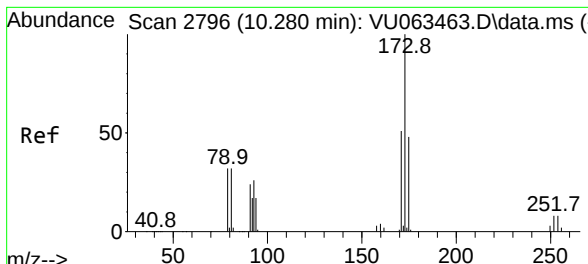
Tgt Ion:106 Resp: 47805
Ion Ratio Lower Upper
106 100
91 217.4 110.7 331.9



#70
Styrene
Concen: 19.844 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion:104 Resp: 74769
Ion Ratio Lower Upper
104 100
78 53.4 41.4 62.0
103 56.5 44.3 66.5

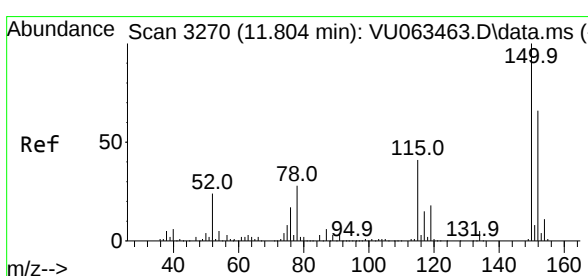
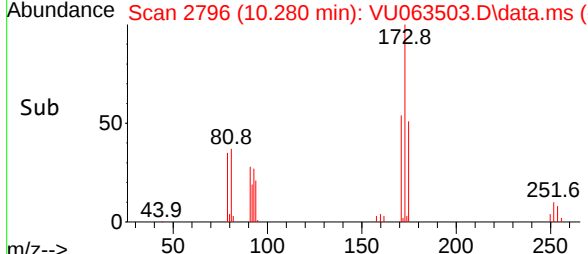
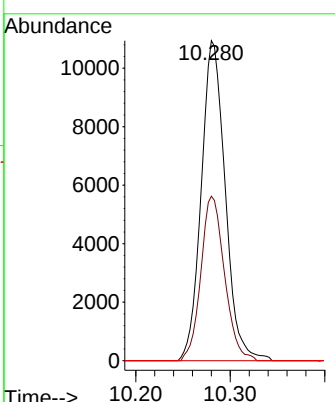
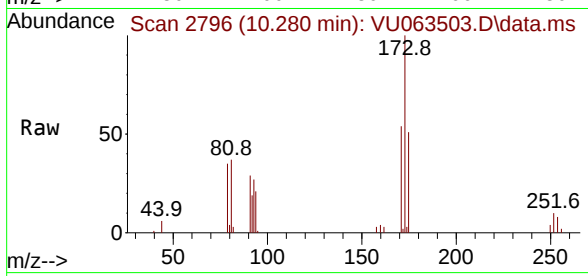




#71
 Bromoform
 Concen: 18.134 ug/l
 RT: 10.280 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU063503.D
 Acq: 14 Jul 2025 11:24

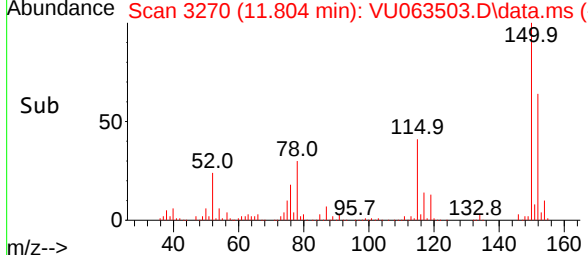
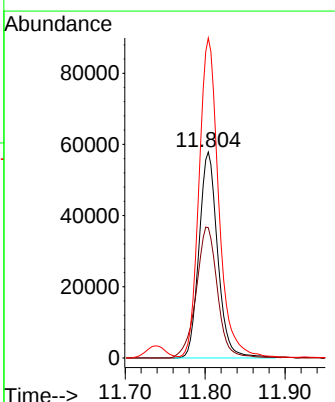
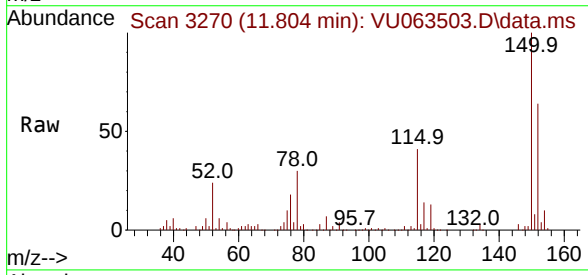
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0714WBS01

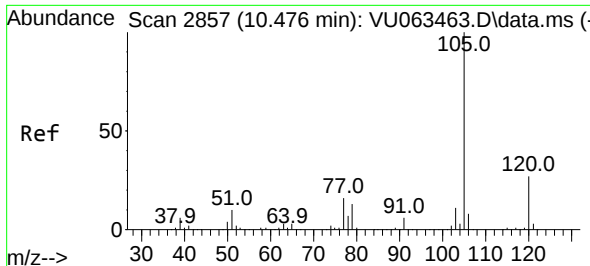
Tgt Ion:	173	Resp:	19261
Ion Ratio	Lower	Upper	
173	100		
175	50.7	24.0	72.0
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.804 min Scan# 3270
 Delta R.T. -0.000 min
 Lab File: VU063503.D
 Acq: 14 Jul 2025 11:24

Tgt Ion:	152	Resp:	93891
Ion Ratio	Lower	Upper	
152	100		
115	72.3	43.4	130.2
150	163.7	0.0	341.4

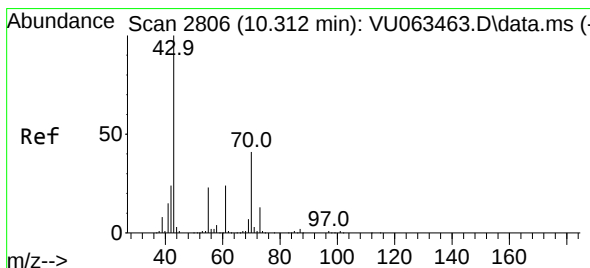
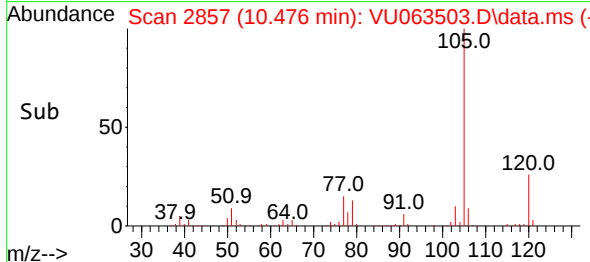
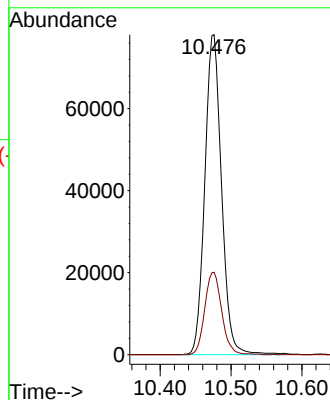
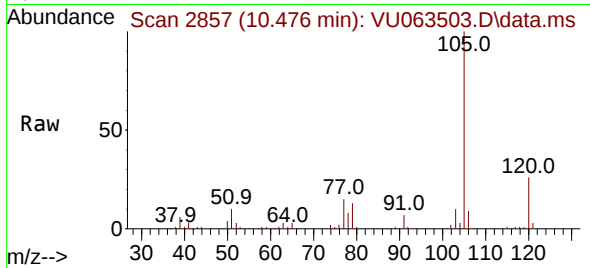




#73
Isopropylbenzene
Concen: 19.995 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

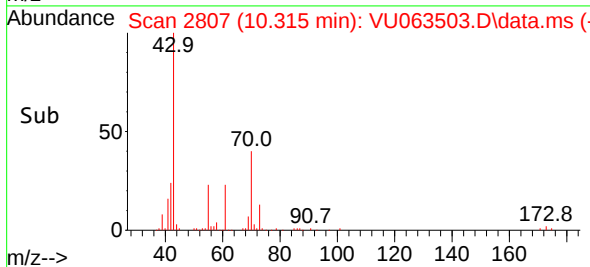
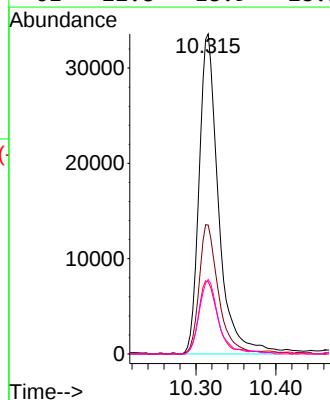
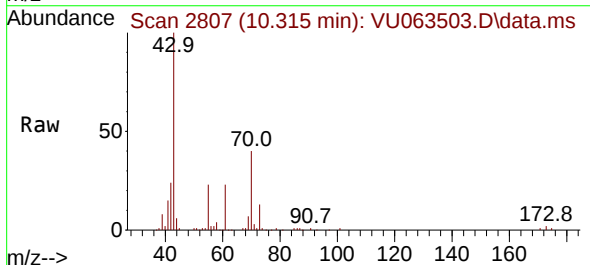
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

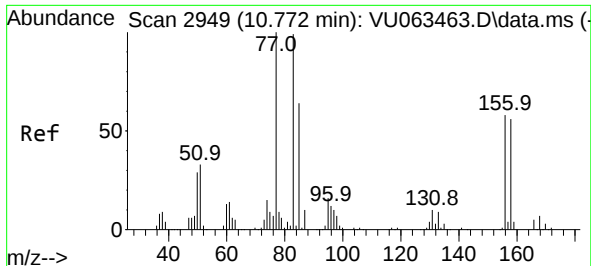
Tgt Ion:105 Resp: 127743
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1



#74
N-ethyl acetate
Concen: 19.876 ug/l
RT: 10.315 min Scan# 2807
Delta R.T. 0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 43 Resp: 56945
Ion Ratio Lower Upper
43 100
70 39.8 32.6 48.8
55 22.9 18.6 27.8
61 22.8 18.9 28.3

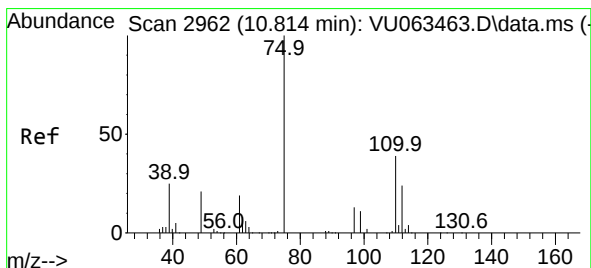
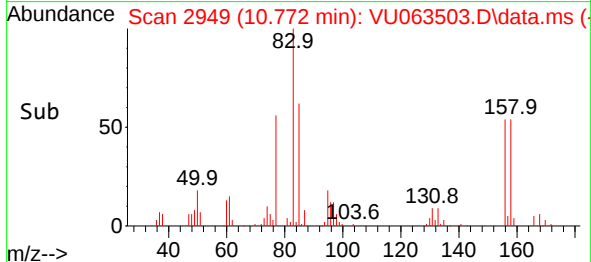
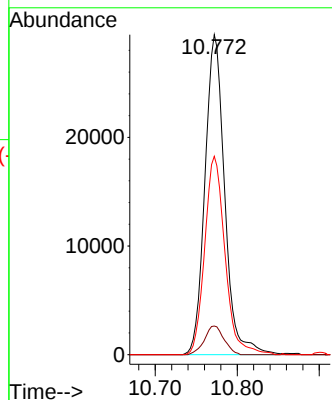
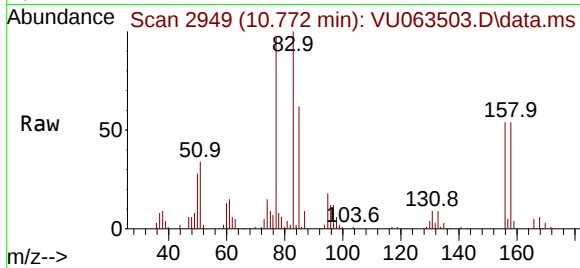




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.941 ug/l
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU063503.D
 Acq: 14 Jul 2025 11:24

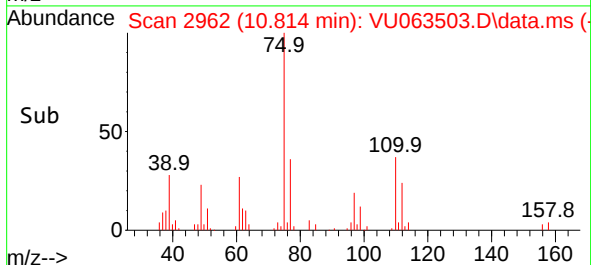
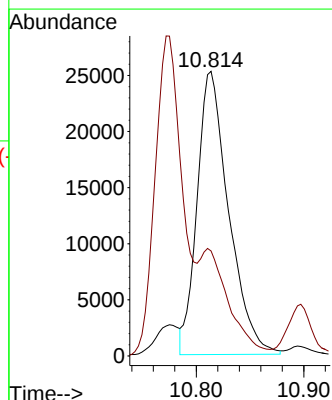
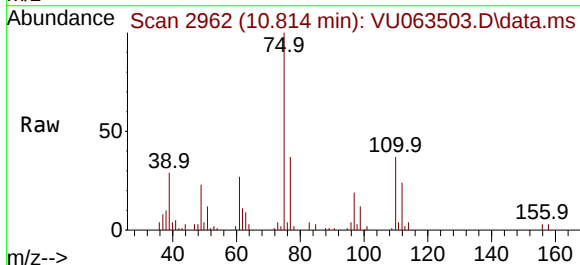
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0714WBS01

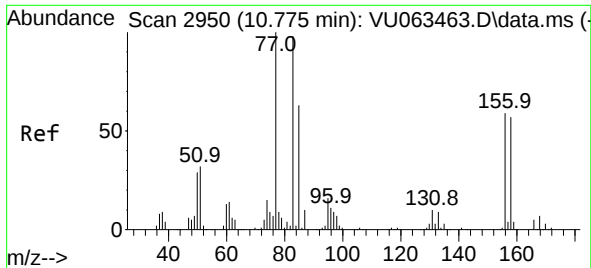
Tgt Ion: 83 Resp: 49245
 Ion Ratio Lower Upper
 83 100
 131 8.9 4.8 14.3
 85 63.8 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 20.718 ug/l
 RT: 10.814 min Scan# 2962
 Delta R.T. -0.000 min
 Lab File: VU063503.D
 Acq: 14 Jul 2025 11:24

Tgt Ion: 75 Resp: 51544
 Ion Ratio Lower Upper
 75 100
 77 0.0 3.1 9.4#

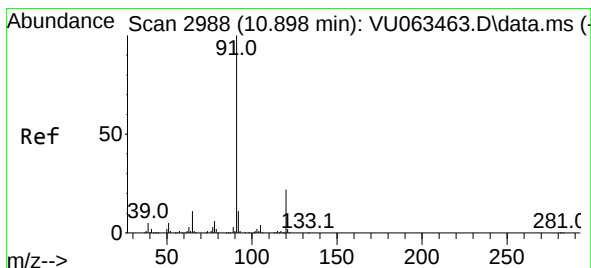
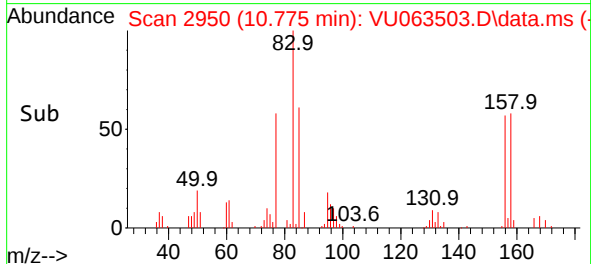
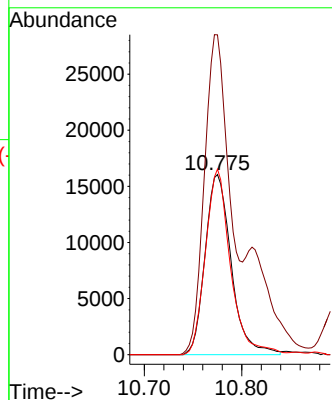
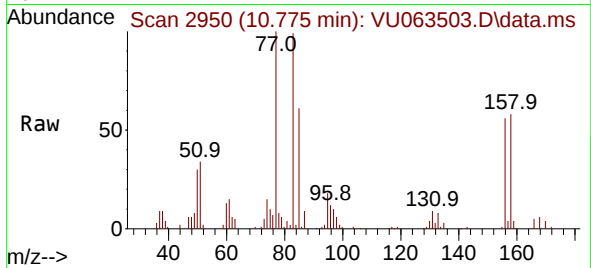




#77
Bromobenzene
Concen: 19.097 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

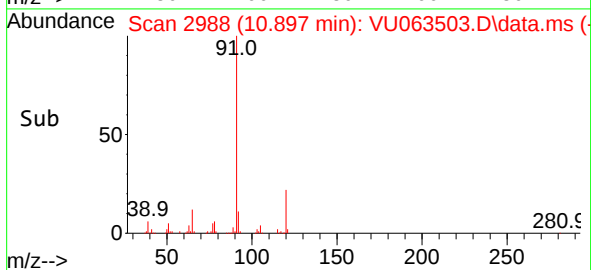
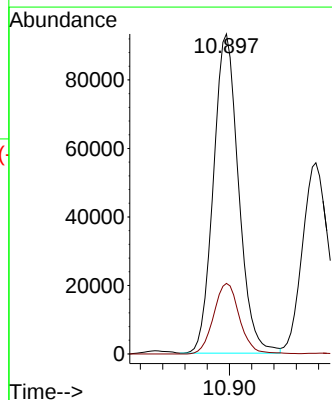
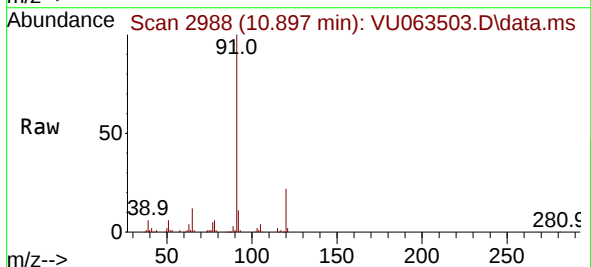
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

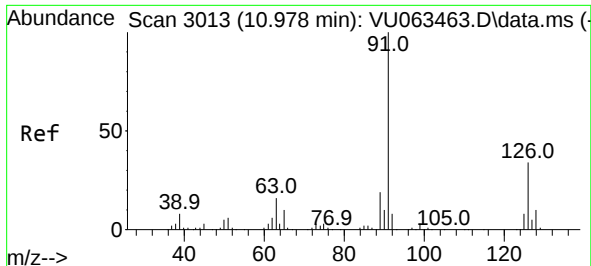
Tgt Ion:156 Resp: 29906
Ion Ratio Lower Upper
156 100
77 170.9 78.2 234.6
158 98.9 46.8 140.4



#78
n-propylbenzene
Concen: 19.732 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 91 Resp: 146196
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4

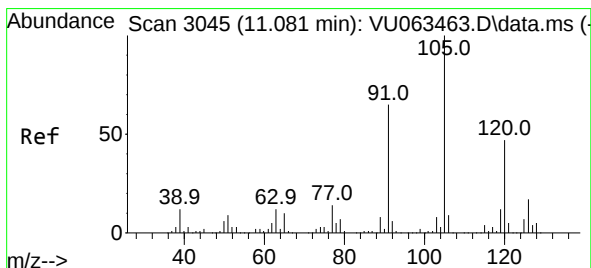
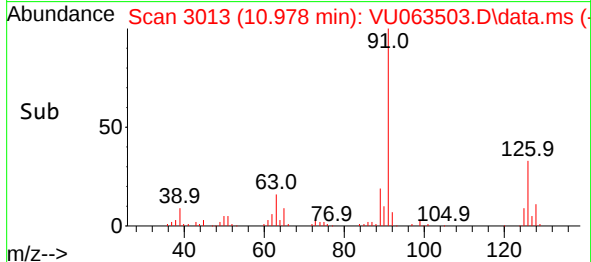
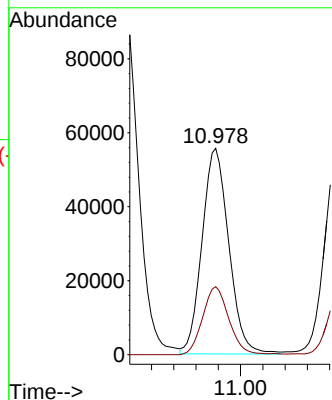
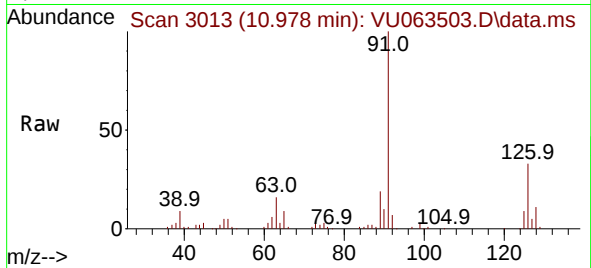




#79
2-Chlorotoluene
Concen: 19.994 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

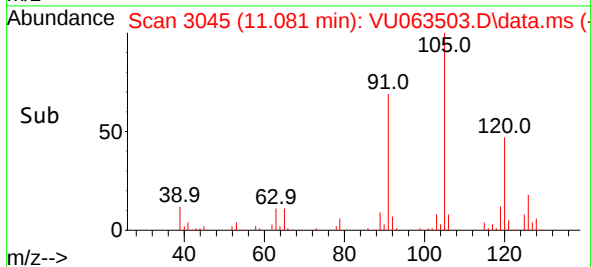
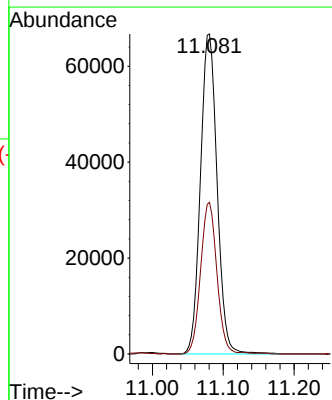
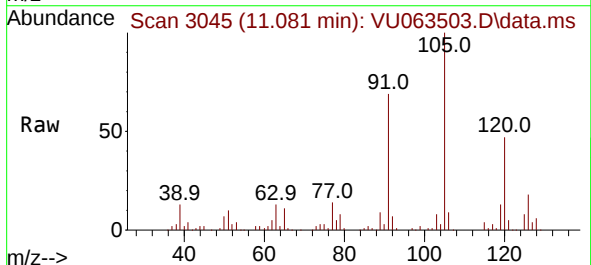
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

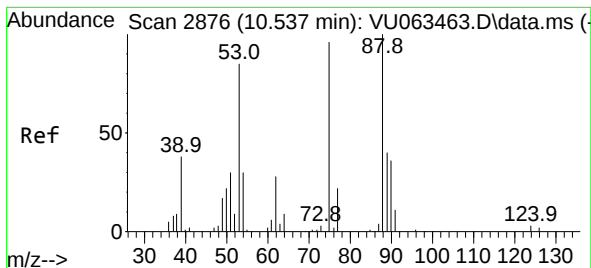
Tgt Ion: 91 Resp: 92906
Ion Ratio Lower Upper
91 100
126 32.2 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 19.483 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 105 Resp: 108868
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.2

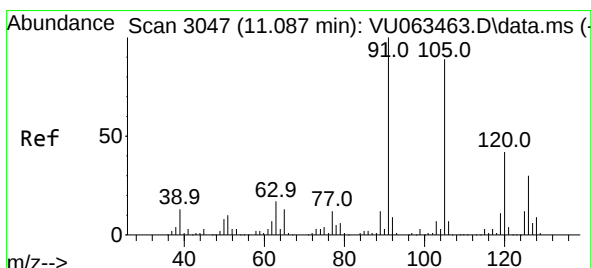
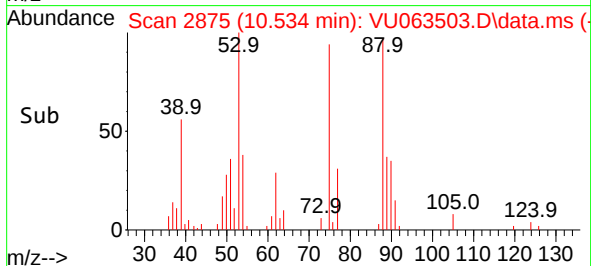
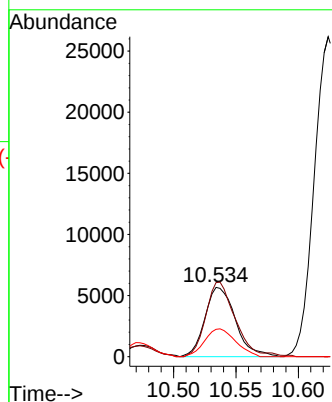
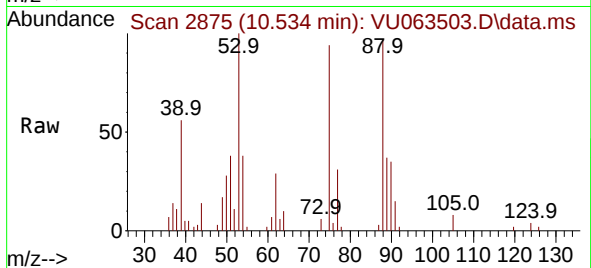




#81
trans-1,4-Dichloro-2-butene
Concen: 19.417 ug/l
RT: 10.534 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

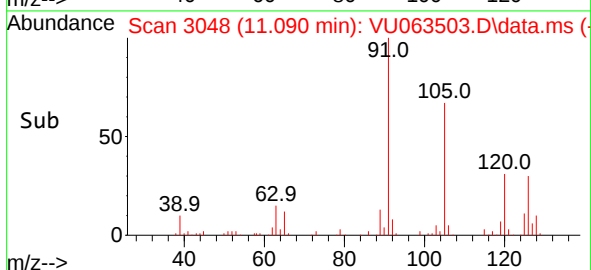
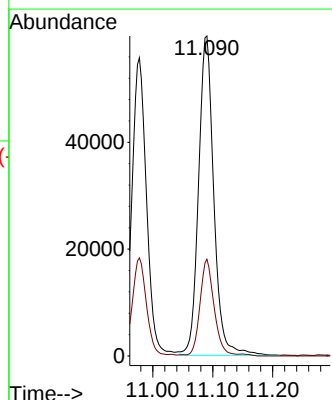
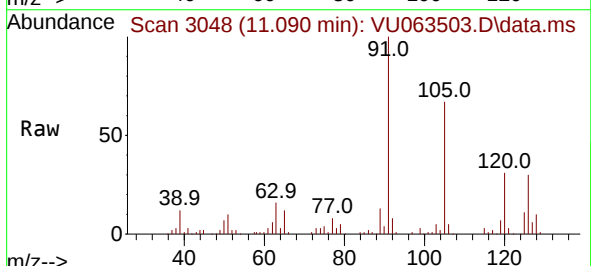
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

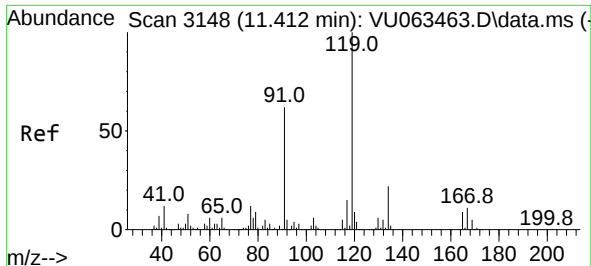
Tgt Ion: 75 Resp: 9686
Ion Ratio Lower Upper
75 100
53 103.6 74.6 111.8
89 40.7 36.3 54.5



#82
4-Chlorotoluene
Concen: 20.123 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 91 Resp: 106154
Ion Ratio Lower Upper
91 100
126 27.1 14.4 43.2

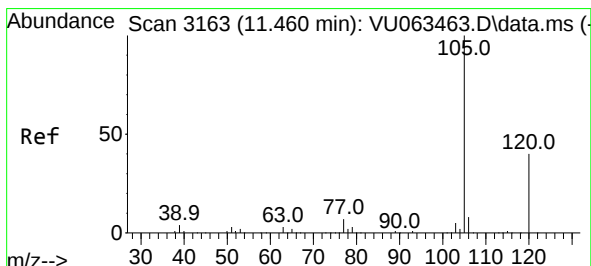
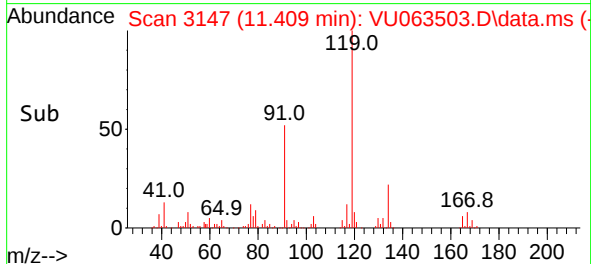
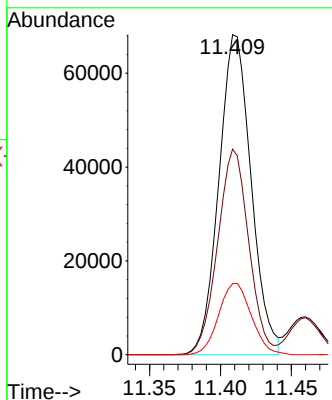
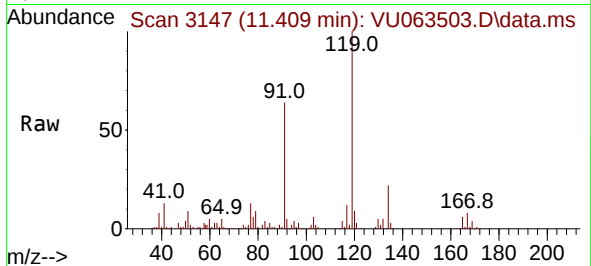




#83
tert-Butylbenzene
Concen: 20.206 ug/l
RT: 11.409 min Scan# 3148
Delta R.T. -0.003 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

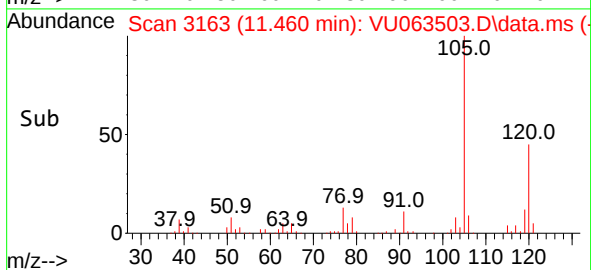
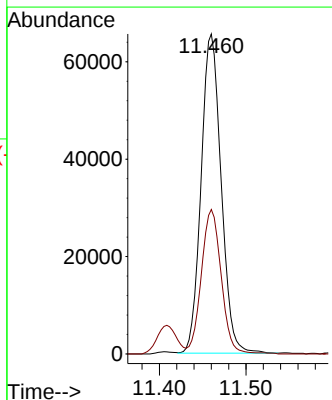
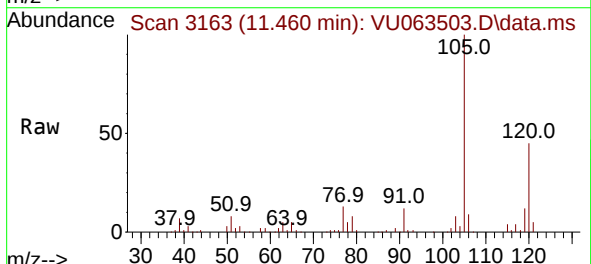
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

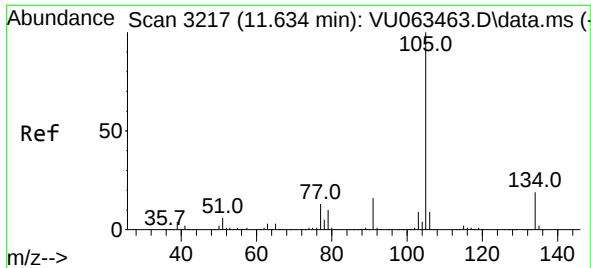
Tgt Ion:119 Resp: 108281
Ion Ratio Lower Upper
119 100
91 61.9 30.3 91.0
134 22.5 11.2 33.6



#84
1,2,4-Trimethylbenzene
Concen: 19.196 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion:105 Resp: 105331
Ion Ratio Lower Upper
105 100
120 44.9 22.1 66.3

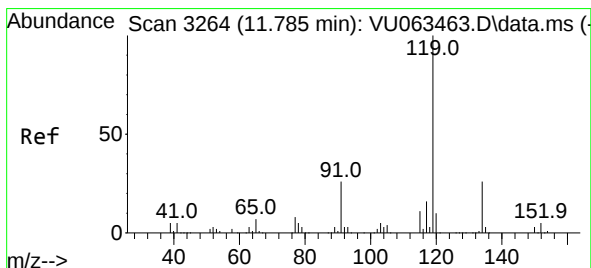
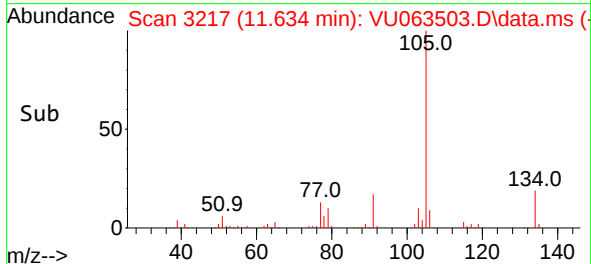
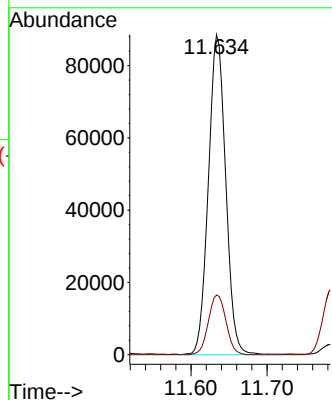
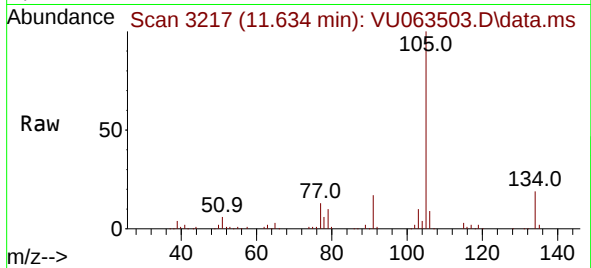




#85
 sec-Butylbenzene
 Concen: 19.806 ug/l
 RT: 11.634 min Scan# 3217
 Delta R.T. -0.000 min
 Lab File: VU063503.D
 Acq: 14 Jul 2025 11:24

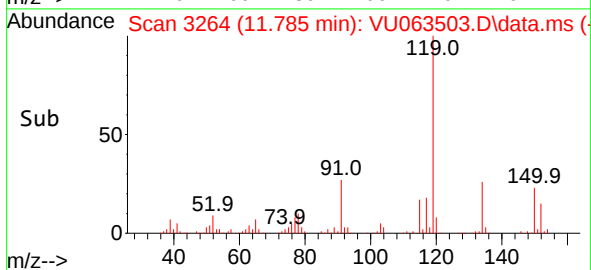
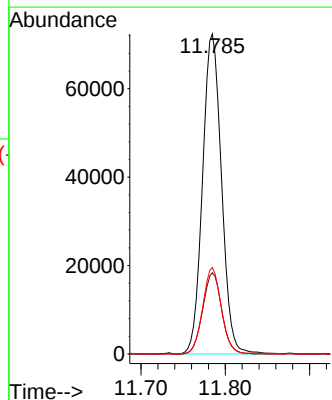
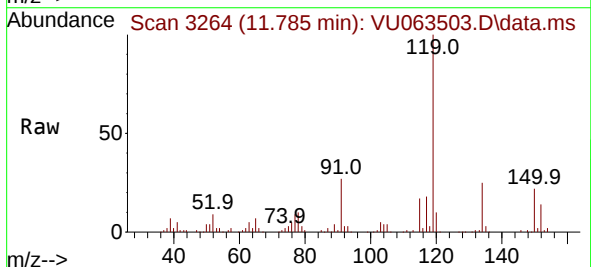
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0714WBS01

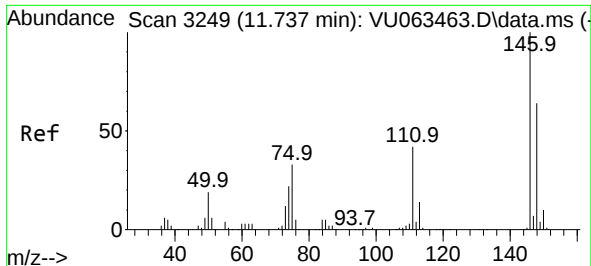
Tgt Ion:105 Resp: 140048
 Ion Ratio Lower Upper
 105 100
 134 18.9 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 19.768 ug/l
 RT: 11.785 min Scan# 3264
 Delta R.T. -0.000 min
 Lab File: VU063503.D
 Acq: 14 Jul 2025 11:24

Tgt Ion:119 Resp: 113404
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 38.9
 91 26.6 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 19.721 ug/l

RT: 11.736 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBS01

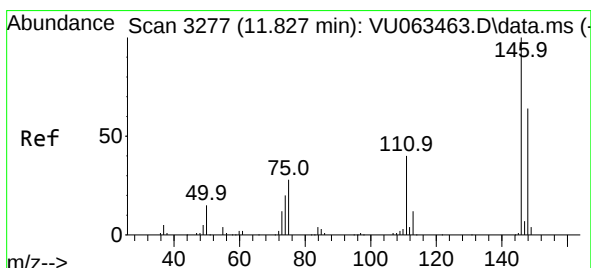
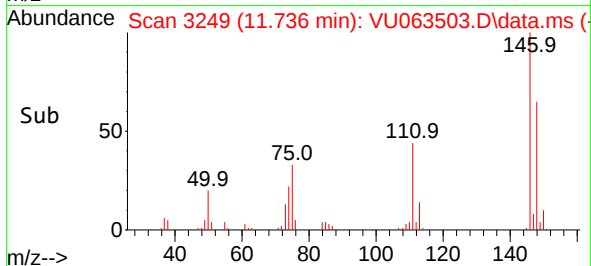
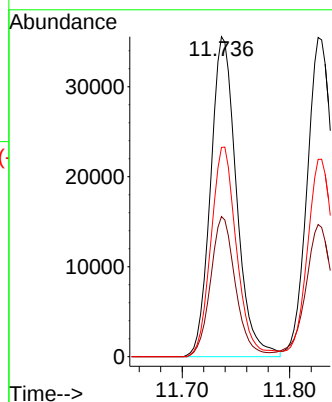
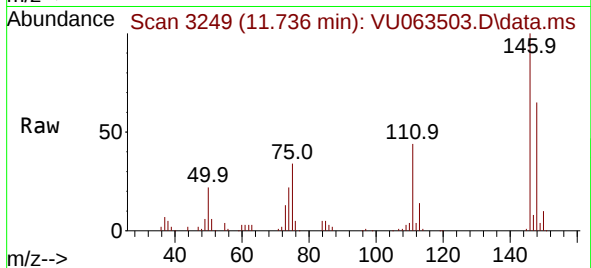
Tgt Ion:146 Resp: 59511

Ion Ratio Lower Upper

146 100

111 42.2 20.9 62.7

148 65.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.119 ug/l

RT: 11.826 min Scan# 3277

Delta R.T. -0.000 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

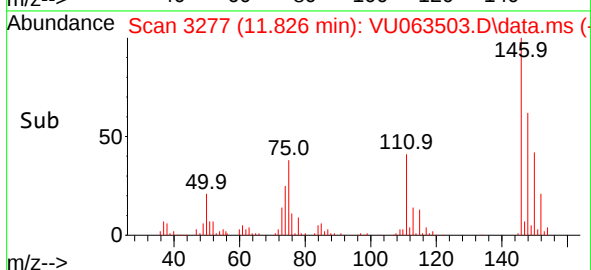
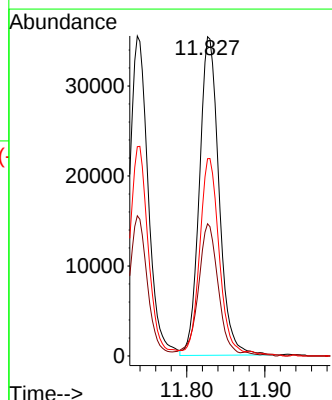
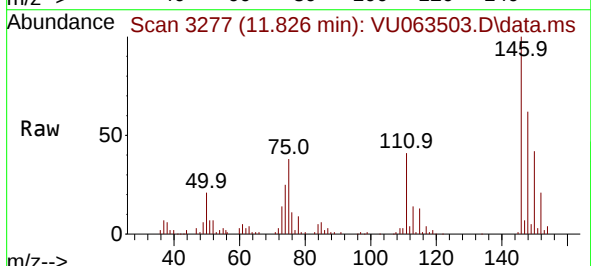
Tgt Ion:146 Resp: 61900

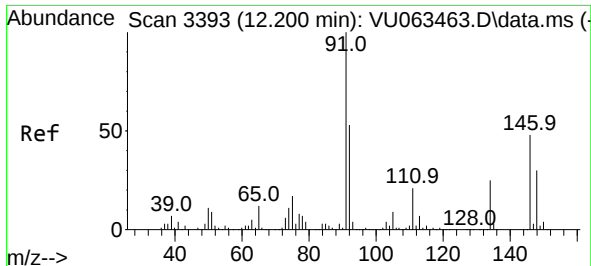
Ion Ratio Lower Upper

146 100

111 39.9 20.8 62.4

148 59.0 31.9 95.9

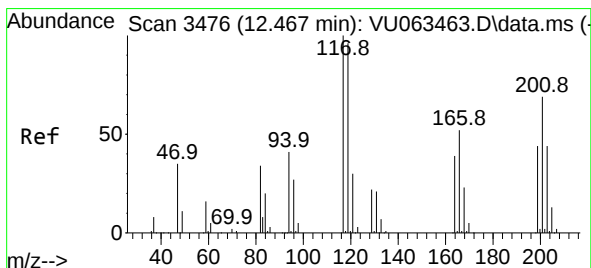
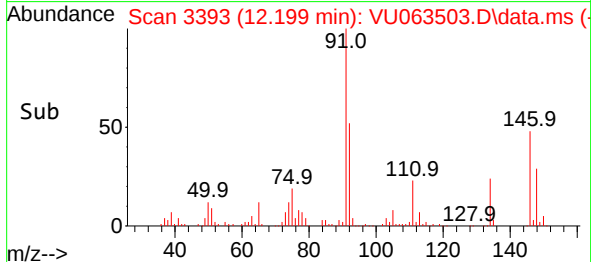
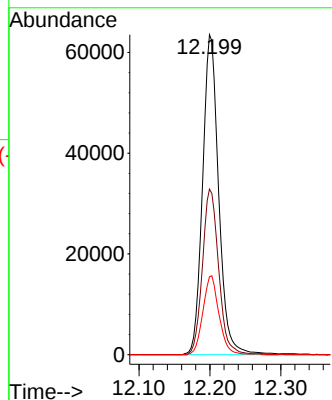
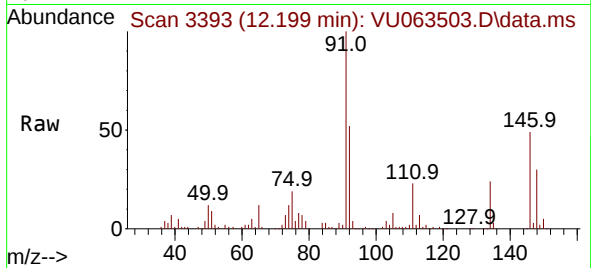




#89
n-Butylbenzene
Concen: 18.889 ug/l
RT: 12.199 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

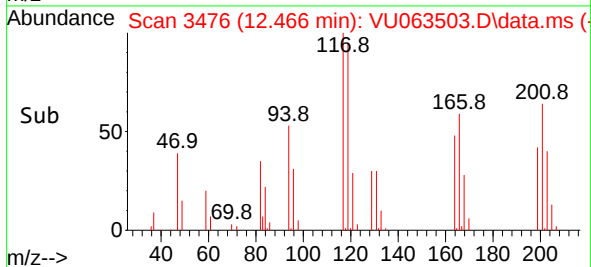
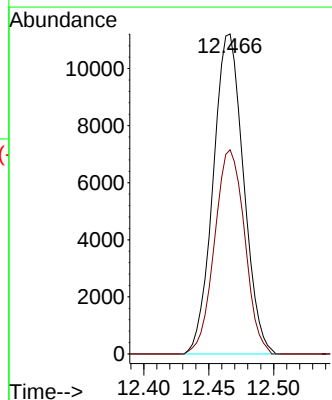
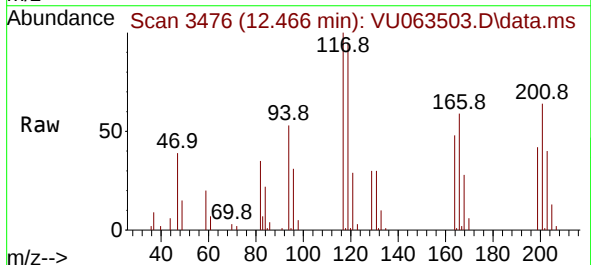
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBS01

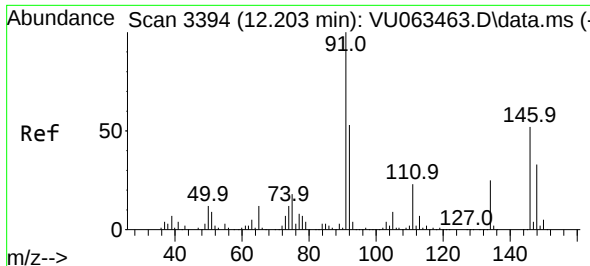
Tgt Ion: 91 Resp: 100292
Ion Ratio Lower Upper
91 100
92 52.0 26.4 79.2
134 24.5 12.4 37.0



#90
Hexachloroethane
Concen: 18.982 ug/l
RT: 12.466 min Scan# 3476
Delta R.T. -0.000 min
Lab File: VU063503.D
Acq: 14 Jul 2025 11:24

Tgt Ion: 117 Resp: 18213
Ion Ratio Lower Upper
117 100
201 63.3 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 20.220 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBS01

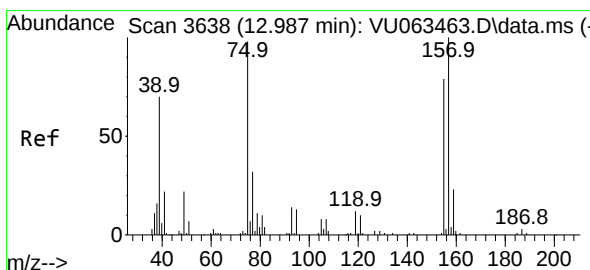
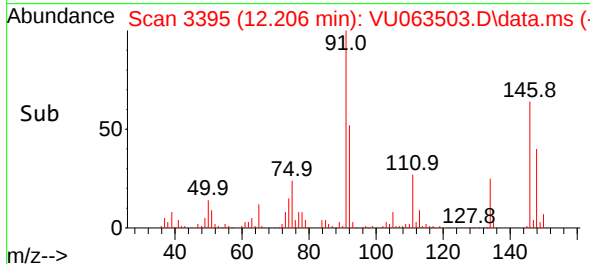
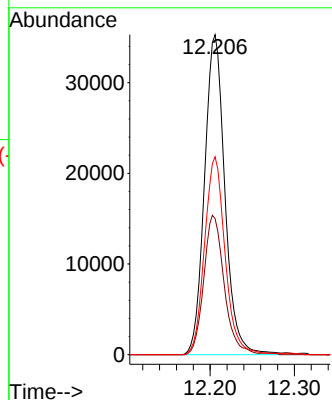
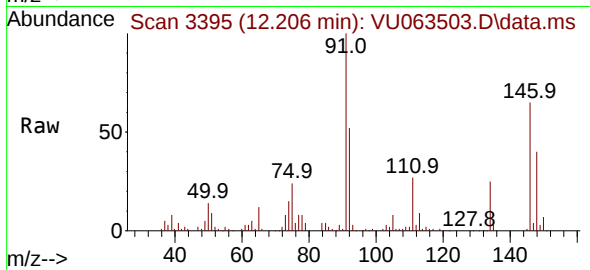
Tgt Ion:146 Resp: 59501

Ion Ratio Lower Upper

146 100

111 43.5 21.9 65.5

148 62.5 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.221 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

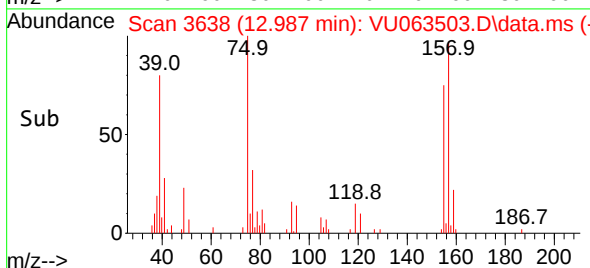
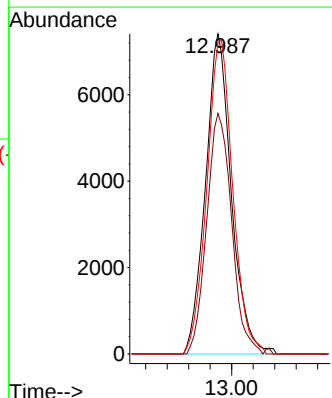
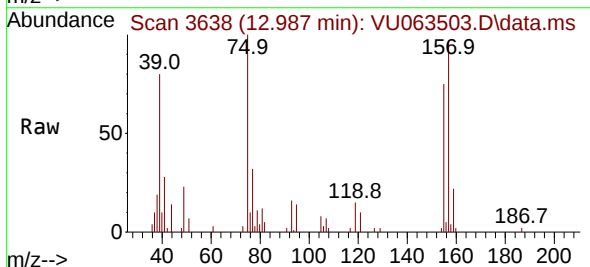
Tgt Ion: 75 Resp: 12376

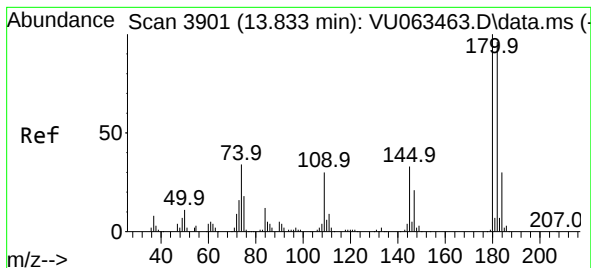
Ion Ratio Lower Upper

75 100

155 72.5 39.1 117.5

157 98.5 49.4 148.2





#93

1,2,4-Trichlorobenzene

Concen: 18.579 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. -0.000 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBS01

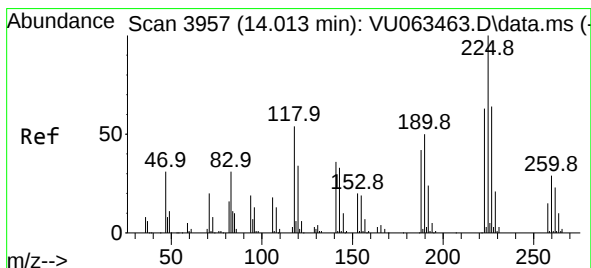
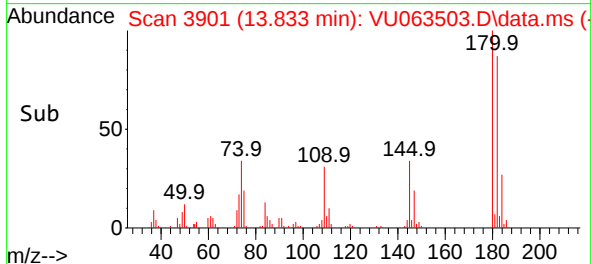
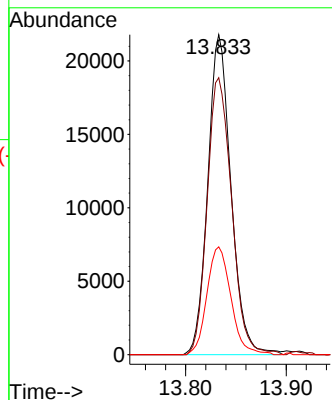
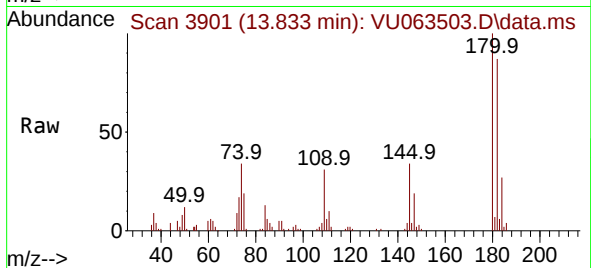
Tgt Ion:180 Resp: 35012

Ion Ratio Lower Upper

180 100

182 91.3 47.7 143.1

145 34.8 16.6 49.7



#94

Hexachlorobutadiene

Concen: 18.795 ug/l

RT: 14.010 min Scan# 3956

Delta R.T. -0.003 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

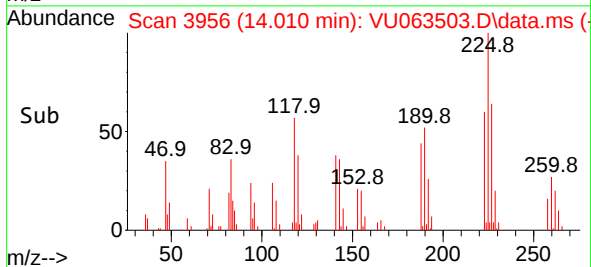
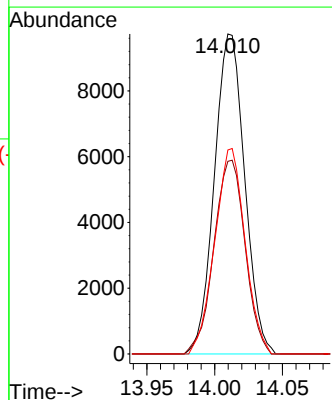
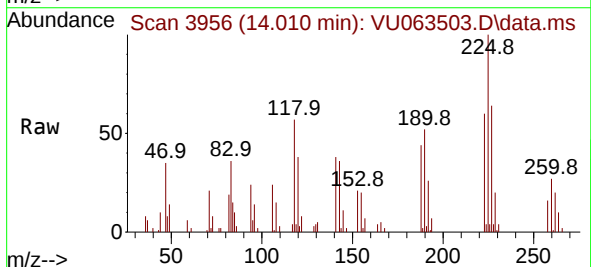
Tgt Ion:225 Resp: 15141

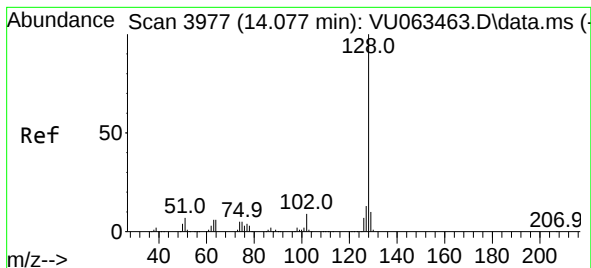
Ion Ratio Lower Upper

225 100

223 62.3 32.4 97.0

227 64.1 32.3 96.9





#95

Naphthalene

Concen: 18.183 ug/l

RT: 14.080 min Scan# 3977

Delta R.T. 0.003 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBS01

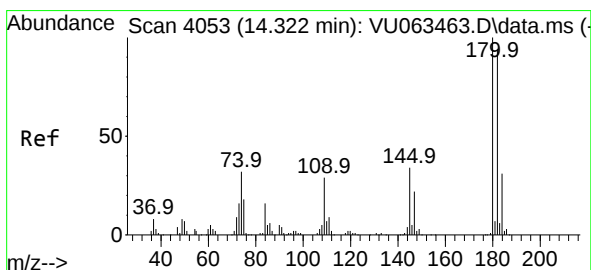
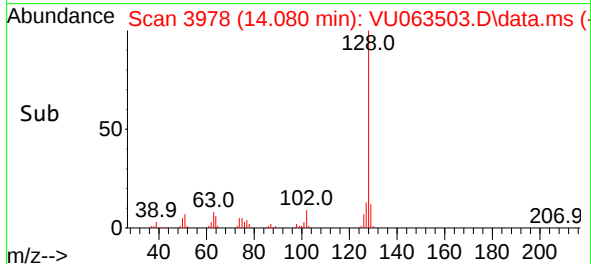
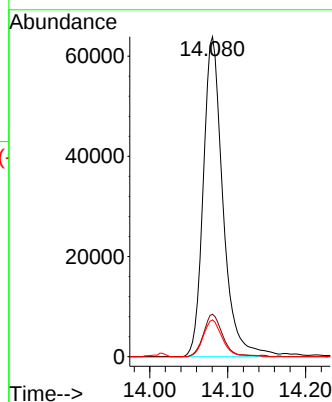
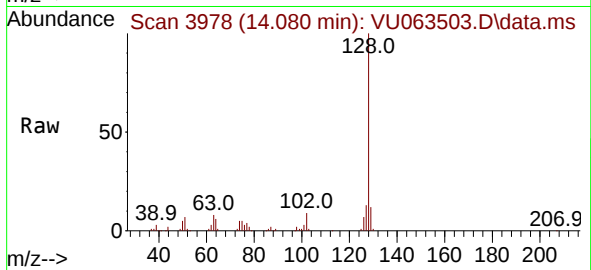
Tgt Ion:128 Resp: 112218

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 11.0 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 18.338 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063503.D

Acq: 14 Jul 2025 11:24

Tgt Ion:180 Resp: 33962

Ion Ratio Lower Upper

180 100

182 96.7 47.8 143.3

145 35.7 17.2 51.5

