

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
 Data File : VU063504.D
 Acq On : 14 Jul 2025 12:18
 Operator : MD/SY
 Sample : VU0714WBSD01
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0714WBSD01

Quant Time: Jul 15 01:33:16 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	104949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	191502	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	171273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	95239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	70552	52.689	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.380%
35) Dibromofluoromethane	5.277	113	56701	49.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.240%
50) Toluene-d8	7.888	98	174295	46.321	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.640%
62) 4-Bromofluorobenzene	10.624	95	80436	48.872	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.740%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	14046	16.828	ug/l	100
3) Chloromethane	1.518	50	17652	17.363	ug/l	97
4) Vinyl Chloride	1.599	62	20375	18.074	ug/l	93
5) Bromomethane	1.843	94	17264	21.859	ug/l	98
6) Chloroethane	1.924	64	14309	17.519	ug/l	98
7) Trichlorofluoromethane	2.126	101	36091	19.846	ug/l	98
8) Diethyl Ether	2.370	74	15276	20.156	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.567	101	21213	19.721	ug/l	99
10) Methyl Iodide	2.708	142	16427	14.621	ug/l	97
11) Tert butyl alcohol	3.200	59	59458	132.436	ug/l	99
12) 1,1-Dichloroethene	2.567	96	19023	18.999	ug/l	96
13) Acrolein	2.480	56	6994	110.368	ug/l	88
14) Allyl chloride	2.907	41	48519	20.357	ug/l	95
15) Acrylonitrile	3.306	53	116783	121.439	ug/l	99
16) Acetone	2.621	43	131549	117.115	ug/l	95
17) Carbon Disulfide	2.776	76	35384	14.783	ug/l	100
18) Methyl Acetate	2.943	43	72817	25.190	ug/l	99
19) Methyl tert-butyl Ether	3.358	73	86522	20.036	ug/l	99
20) Methylene Chloride	3.026	84	26364	16.097	ug/l	99
21) trans-1,2-Dichloroethene	3.332	96	20246	18.820	ug/l	92
22) Diisopropyl ether	3.991	45	79139	19.501	ug/l	92
23) Vinyl Acetate	3.949	43	307798	97.747	ug/l	99
24) 1,1-Dichloroethane	3.849	63	46104	20.018	ug/l	96
25) 2-Butanone	4.708	43	152425	120.880	ug/l	97
26) 2,2-Dichloropropane	4.647	77	40848	20.385	ug/l	95
27) cis-1,2-Dichloroethene	4.650	96	28018	19.732	ug/l	98
28) Bromochloromethane	4.959	49	23889	22.081	ug/l	97
29) Tetrahydrofuran	5.055	42	94379	118.652	ug/l	97
30) Chloroform	5.074	83	49597	20.396	ug/l	99
31) Cyclohexane	5.367	56	34044	18.387	ug/l #	95
32) 1,1,1-Trichloroethane	5.296	97	41406	19.998	ug/l	98
36) 1,1-Dichloropropene	5.512	75	27744	17.688	ug/l	97
37) Ethyl Acetate	4.814	43	44738	17.612	ug/l	96
38) Carbon Tetrachloride	5.509	117	30712	17.771	ug/l	100
39) Methylcyclohexane	6.750	83	32114	16.945	ug/l	94
40) Benzene	5.759	78	92326	18.848	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.975	41	23945	19.977	ug/l	96
42) 1,2-Dichloroethane	5.785	62	38446	20.873	ug/l	96
43) Isopropyl Acetate	5.914	43	63319	18.766	ug/l	99
44) Trichloroethene	6.531	130	22719	17.331	ug/l	95
45) 1,2-Dichloropropane	6.782	63	26236	19.266	ug/l	99
46) Dibromomethane	6.910	93	19104	19.718	ug/l	97
47) Bromodichloromethane	7.094	83	39332	19.523	ug/l	99
48) Methyl methacrylate	6.959	41	31753	20.362	ug/l	98
49) 1,4-Dioxane	6.965	88	17616	514.784	ug/l	98
51) 4-Methyl-2-Pentanone	7.785	43	272648	111.645	ug/l	99
52) Toluene	7.962	92	59095	18.444	ug/l	96
53) t-1,3-Dichloropropene	8.203	75	30726	17.429	ug/l	100
54) cis-1,3-Dichloropropene	7.598	75	37095	18.796	ug/l	92
55) 1,1,2-Trichloroethane	8.393	97	28098	20.650	ug/l	96
56) Ethyl methacrylate	8.328	69	41489	18.902	ug/l	97
57) 1,3-Dichloropropane	8.566	76	43823	19.539	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.463	63	2355	103.325	ug/l	98
59) 2-Hexanone	8.679	43	212161	114.861	ug/l	98
60) Dibromochloromethane	8.801	129	28942	18.987	ug/l	99
61) 1,2-Dibromoethane	8.917	107	25440	19.049	ug/l	99
64) Tetrachloroethene	8.544	164	21348	16.743	ug/l	96
65) Chlorobenzene	9.441	112	71088	19.950	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.524	131	23695	19.390	ug/l	97
67) Ethyl Benzene	9.563	91	119423	19.500	ug/l	100
68) m/p-Xylenes	9.685	106	92740	39.678	ug/l	99
69) o-Xylene	10.094	106	44460	18.710	ug/l	98
70) Styrene	10.106	104	73282	19.395	ug/l	98
71) Bromoform	10.283	173	19287	18.107	ug/l #	100
73) Isopropylbenzene	10.476	105	124035	19.140	ug/l	100
74) N-amyl acetate	10.315	43	57584	19.815	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.772	83	48865	20.485	ug/l	100
76) 1,2,3-Trichloropropane	10.814	75	48358	19.162	ug/l #	81
77) Bromobenzene	10.775	156	30588	19.256	ug/l	97
78) n-propylbenzene	10.897	91	146614	19.508	ug/l	97
79) 2-Chlorotoluene	10.978	91	92789	19.686	ug/l	99
80) 1,3,5-Trimethylbenzene	11.081	105	105578	18.627	ug/l	99
81) trans-1,4-Dichloro-2-b...	10.541	75	9793	19.354	ug/l	89
82) 4-Chlorotoluene	11.090	91	105508	19.717	ug/l	98
83) tert-Butylbenzene	11.412	119	106632	19.617	ug/l	99
84) 1,2,4-Trimethylbenzene	11.460	105	105198	18.900	ug/l	98
85) sec-Butylbenzene	11.634	105	138753	19.345	ug/l	99
86) p-Isopropyltoluene	11.785	119	112458	19.326	ug/l	98
87) 1,3-Dichlorobenzene	11.737	146	59102	19.308	ug/l	98
88) 1,4-Dichlorobenzene	11.830	146	60574	19.409	ug/l	96
89) n-Butylbenzene	12.200	91	104128	19.334	ug/l	99
90) Hexachloroethane	12.466	117	17795	18.284	ug/l	96
91) 1,2-Dichlorobenzene	12.206	146	59880	20.061	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.987	75	13034	23.071	ug/l	96
93) 1,2,4-Trichlorobenzene	13.833	180	37678	19.710	ug/l	97
94) Hexachlorobutadiene	14.013	225	14862	18.188	ug/l	98
95) Naphthalene	14.081	128	135492	21.643	ug/l	99
96) 1,2,3-Trichlorobenzene	14.322	180	36843	19.612	ug/l	98

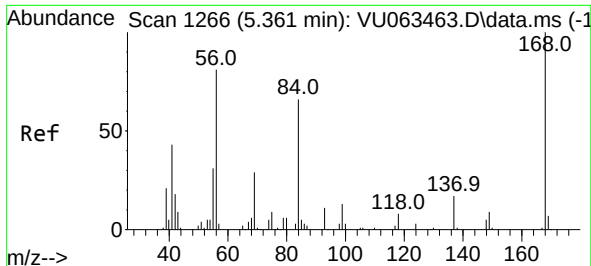
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
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Response via : Initial Calibration

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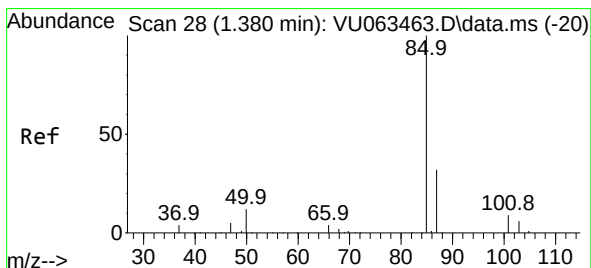
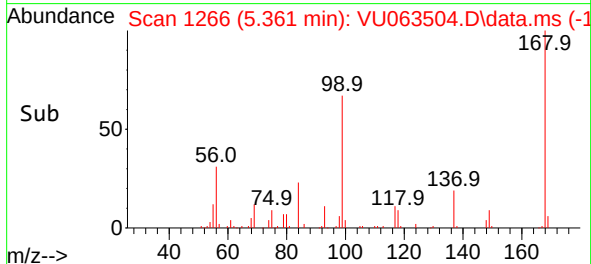
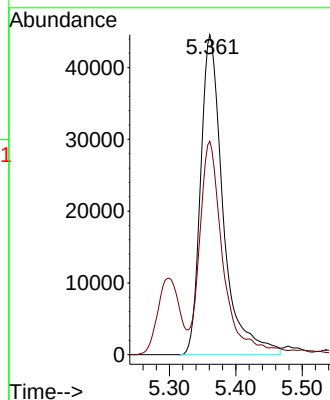
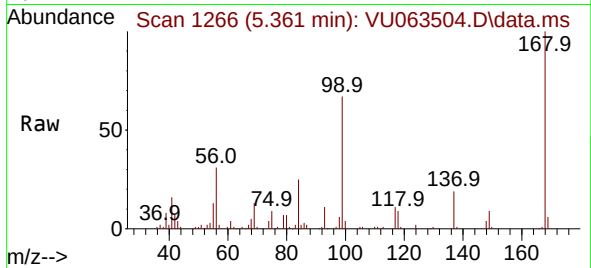
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063504.D
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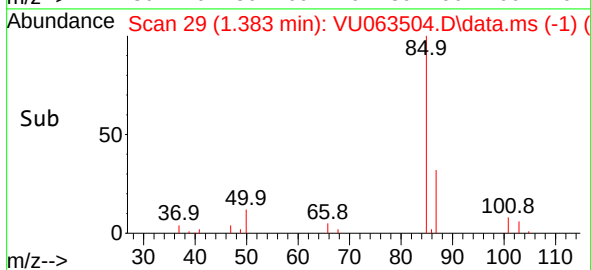
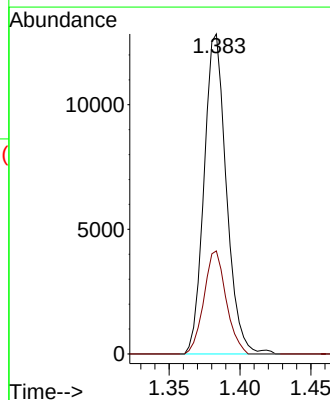
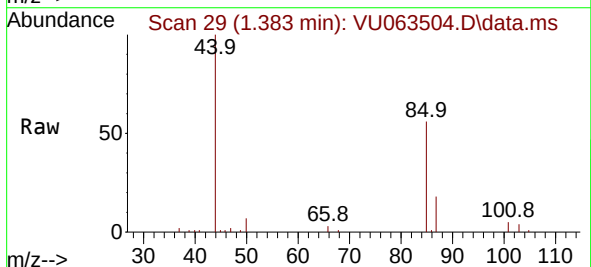
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VU0714WBSD01

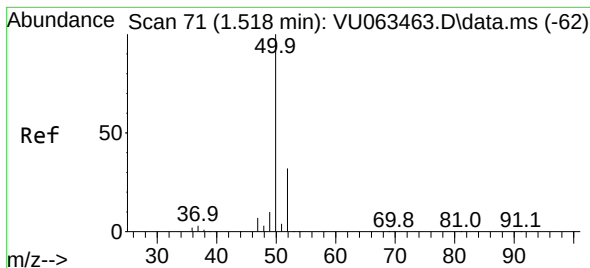
Tgt Ion:168 Resp: 104949
Ion Ratio Lower Upper
168 100
99 64.8 47.7 71.5



#2
Dichlorodifluoromethane
Concen: 16.828 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion: 85 Resp: 14046
Ion Ratio Lower Upper
85 100
87 32.2 16.1 48.2





#3

Chloromethane

Concen: 17.363 ug/l

RT: 1.518 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

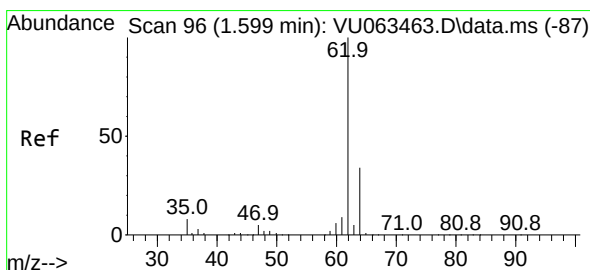
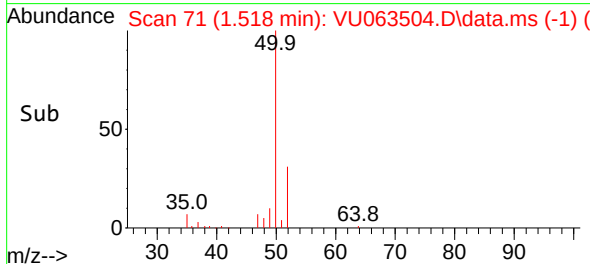
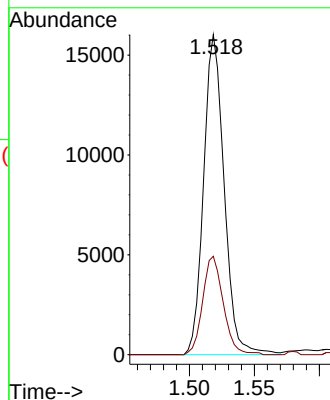
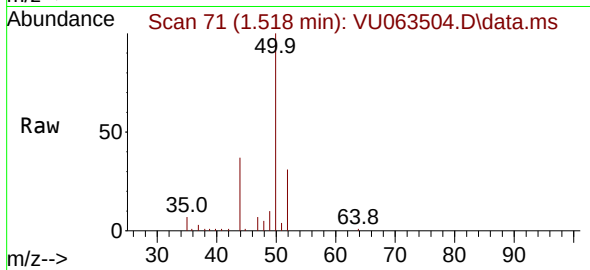
VU0714WBSD01

Tgt Ion: 50 Resp: 17652

Ion Ratio Lower Upper

50 100

52 30.7 25.8 38.8



#4

Vinyl Chloride

Concen: 18.074 ug/l

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU063504.D

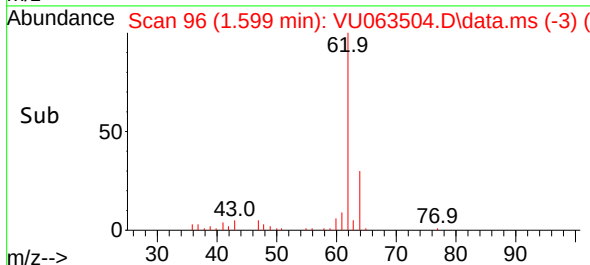
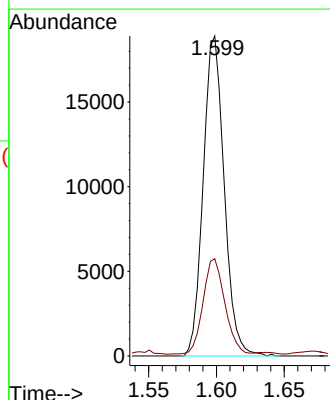
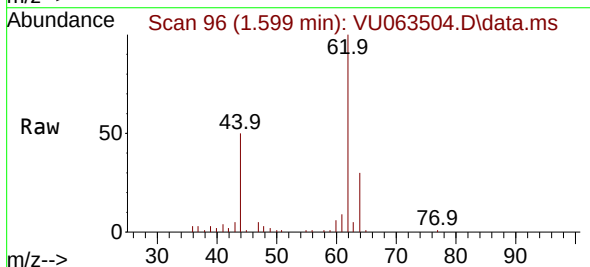
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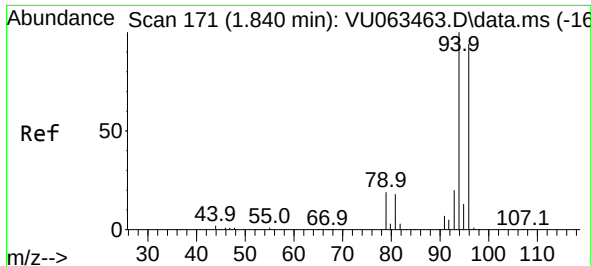
Tgt Ion: 62 Resp: 20375

Ion Ratio Lower Upper

62 100

64 29.7 26.9 40.3

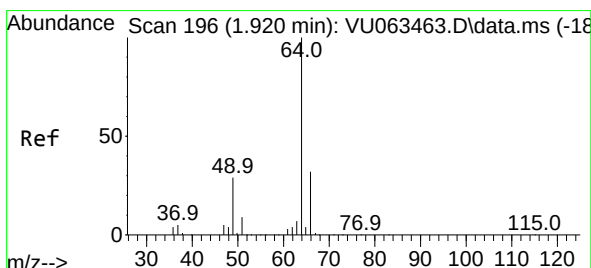
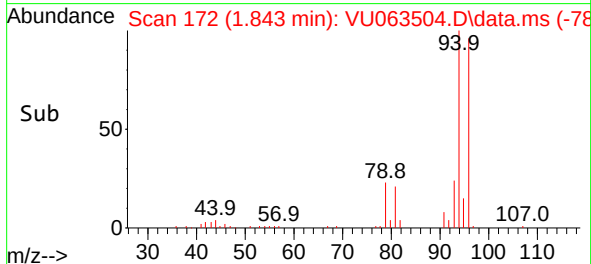
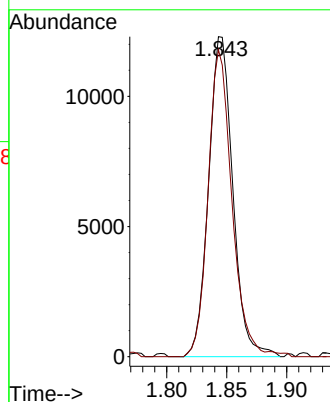
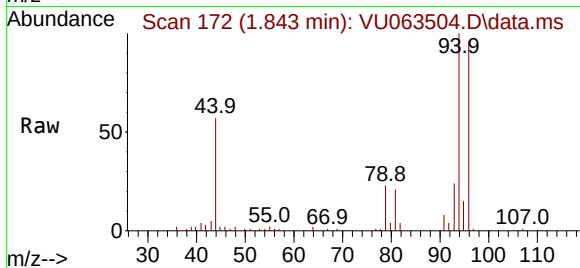




#5
Bromomethane
Concen: 21.859 ug/l
RT: 1.843 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

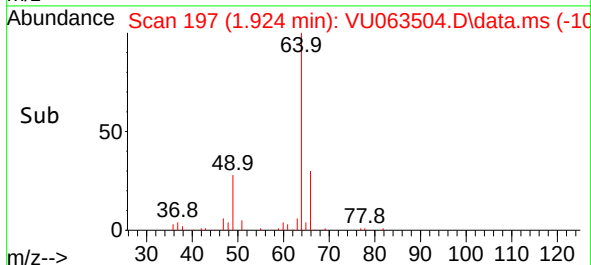
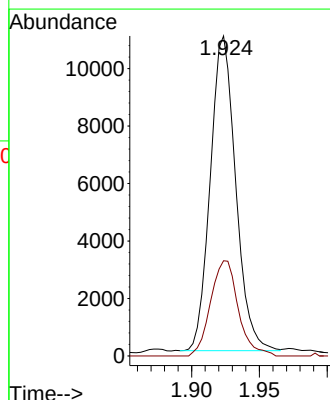
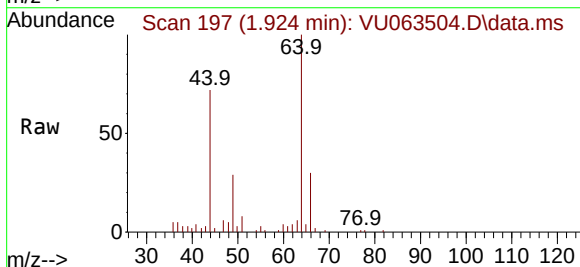
Instrument :
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ClientSampleId :
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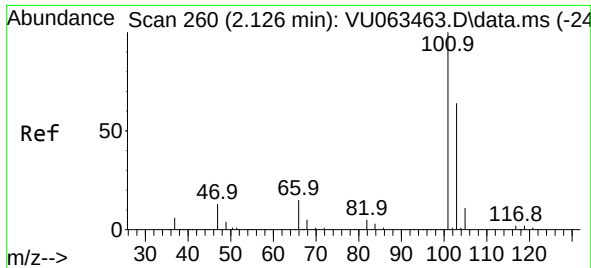
Tgt Ion: 94 Resp: 17264
Ion Ratio Lower Upper
94 100
96 95.9 75.5 113.3



#6
Chloroethane
Concen: 17.519 ug/l
RT: 1.924 min Scan# 197
Delta R.T. 0.004 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion: 64 Resp: 14309
Ion Ratio Lower Upper
64 100
66 30.3 25.3 37.9

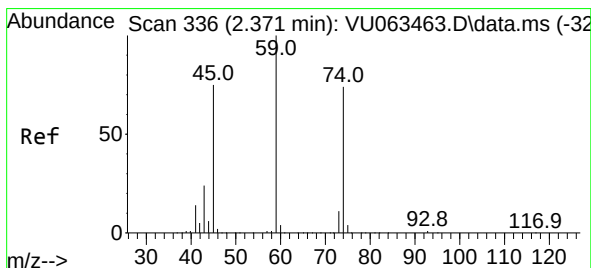
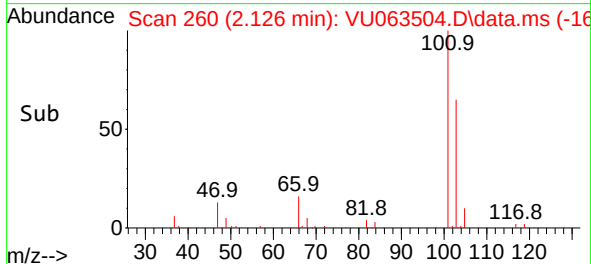
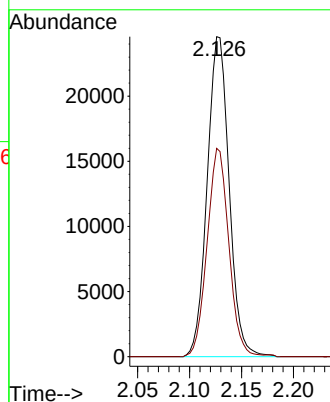
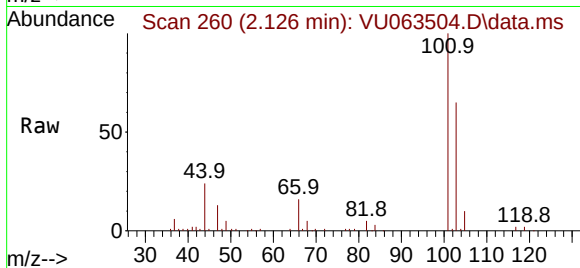




#7
 Trichlorofluoromethane
 Concen: 19.846 ug/l
 RT: 2.126 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VU063504.D
 Acq: 14 Jul 2025 12:18

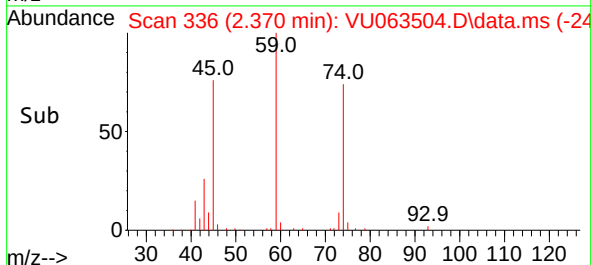
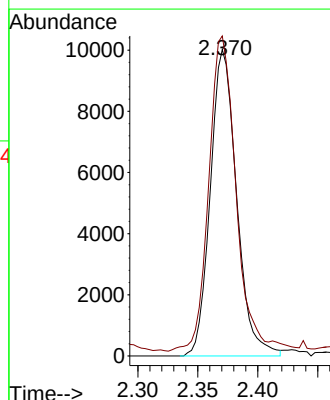
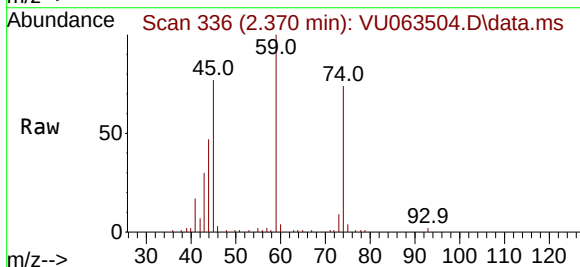
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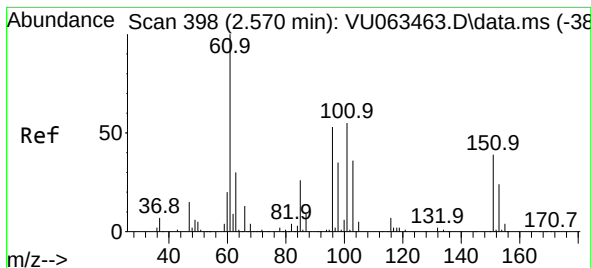
Tgt Ion:101 Resp: 36091
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.1 76.7



#8
 Diethyl Ether
 Concen: 20.156 ug/l
 RT: 2.370 min Scan# 336
 Delta R.T. -0.000 min
 Lab File: VU063504.D
 Acq: 14 Jul 2025 12:18

Tgt Ion: 74 Resp: 15276
 Ion Ratio Lower Upper
 74 100
 45 106.8 49.7 149.1

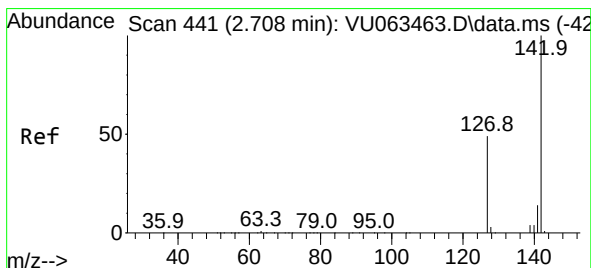
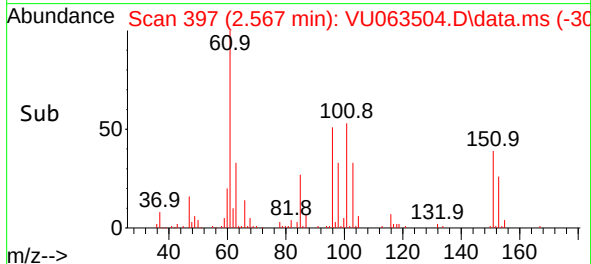
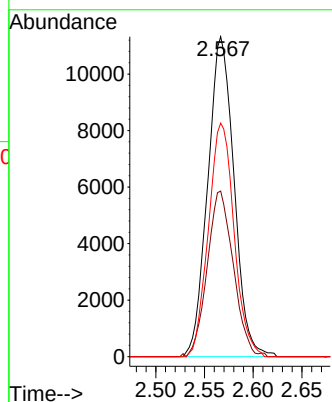
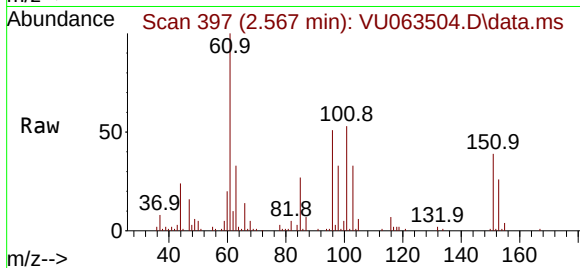




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.721 ug/l
RT: 2.567 min Scan# 398
Delta R.T. -0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

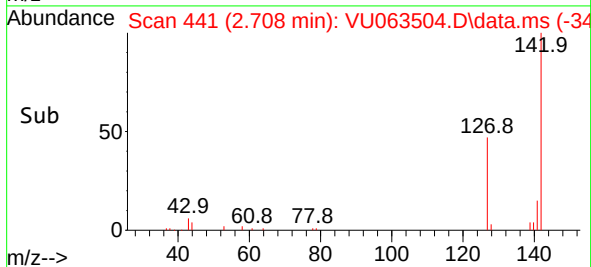
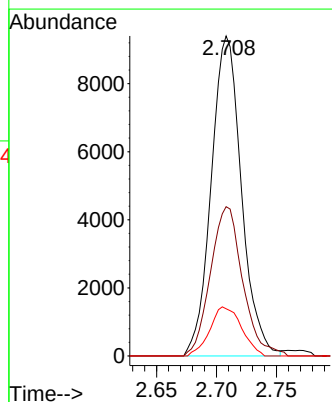
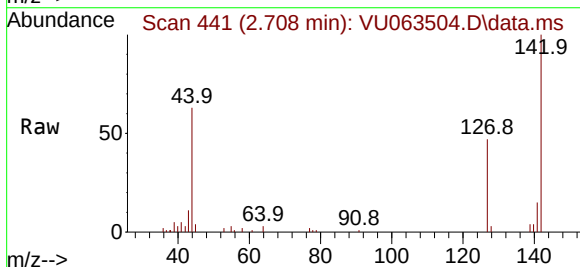
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

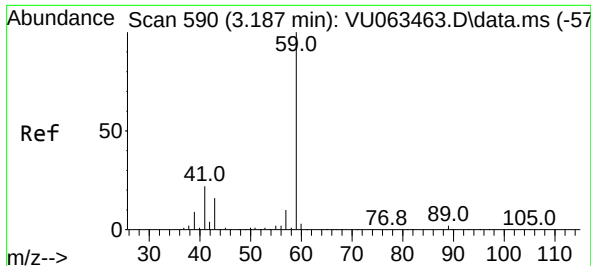
Tgt Ion:101 Resp: 21213
Ion Ratio Lower Upper
101 100
85 51.4 39.6 59.4
151 71.3 57.2 85.8



#10
Methyl Iodide
Concen: 14.621 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion:142 Resp: 16427
Ion Ratio Lower Upper
142 100
127 49.7 38.2 57.4
141 16.1 11.1 16.7

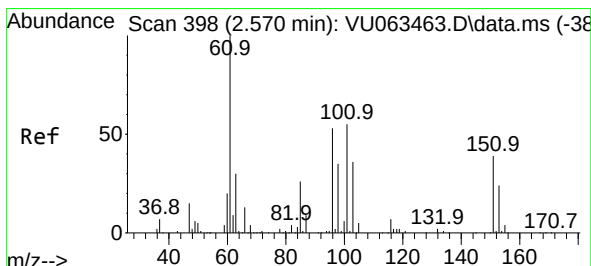
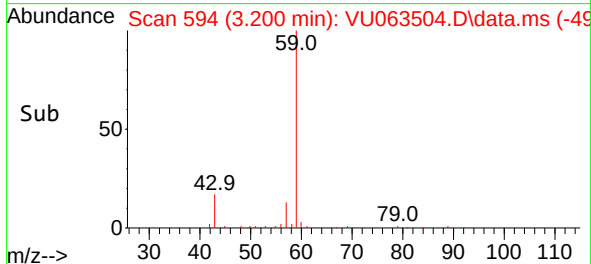
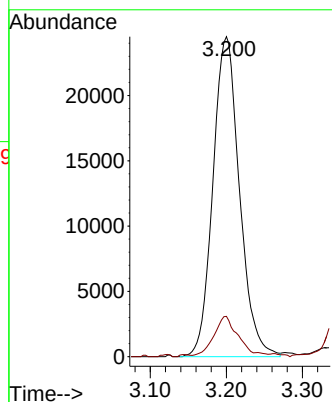
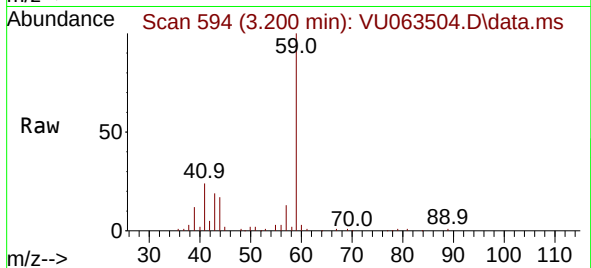




#11
Tert butyl alcohol
Concen: 132.436 ug/l
RT: 3.200 min Scan# 591
Delta R.T. 0.013 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

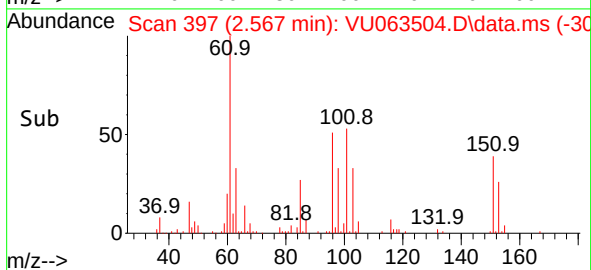
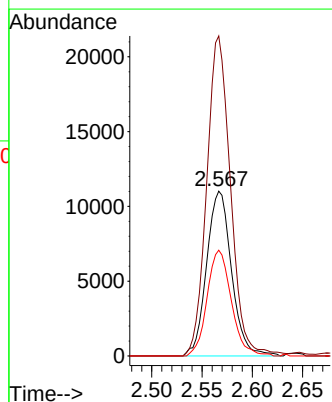
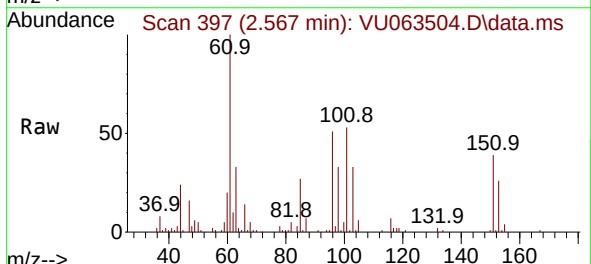
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

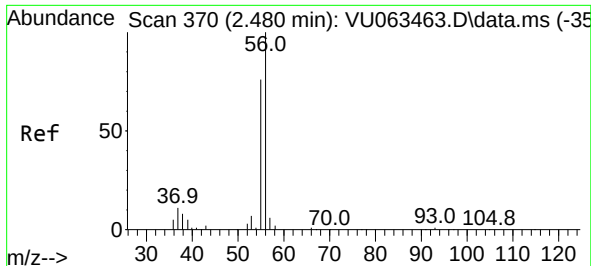
Tgt Ion: 59 Resp: 59458
Ion Ratio Lower Upper
59 100
57 10.7 8.8 13.2



#12
1,1-Dichloroethene
Concen: 18.999 ug/l
RT: 2.567 min Scan# 397
Delta R.T. -0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion: 96 Resp: 19023
Ion Ratio Lower Upper
96 100
61 194.2 149.6 224.4
98 64.2 52.0 78.0





#13

Acrolein

Concen: 110.368 ug/l

RT: 2.480 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

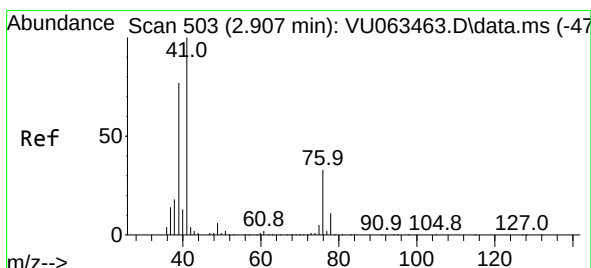
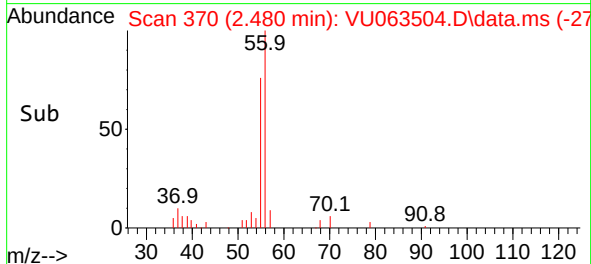
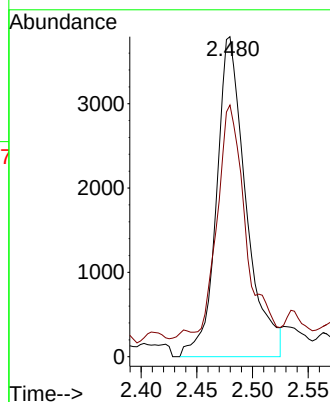
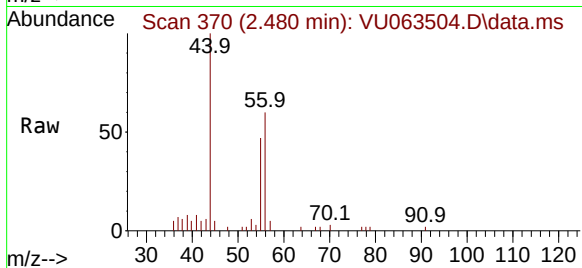
VU0714WBSD01

Tgt Ion: 56 Resp: 6994

Ion Ratio Lower Upper

56 100

55 64.6 60.2 90.2



#14

Allyl chloride

Concen: 20.357 ug/l

RT: 2.907 min Scan# 503

Delta R.T. -0.000 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

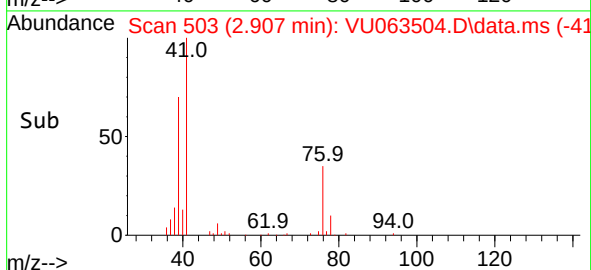
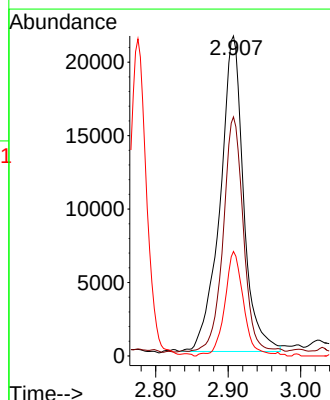
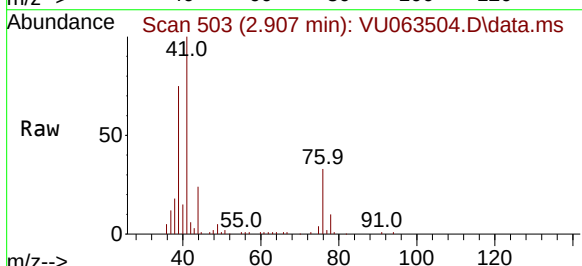
Tgt Ion: 41 Resp: 48519

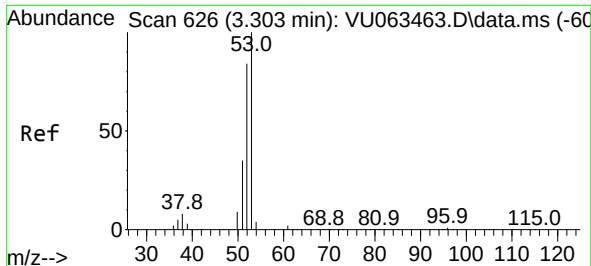
Ion Ratio Lower Upper

41 100

39 62.9 53.9 80.9

76 26.3 23.1 34.7

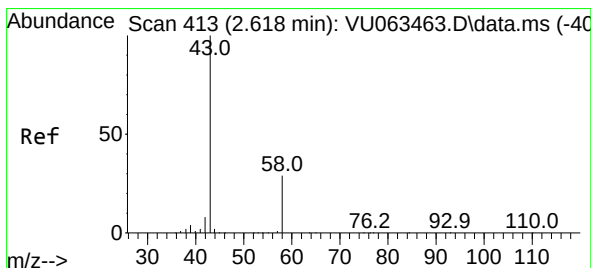
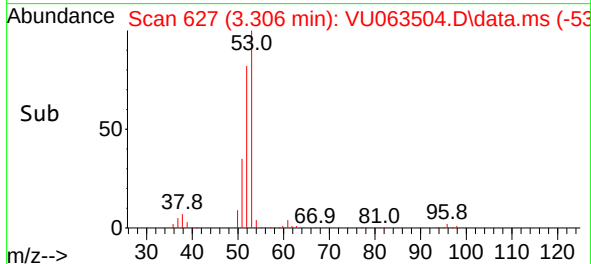
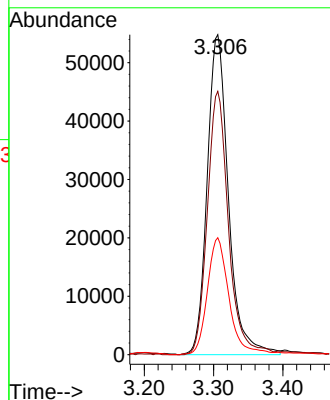
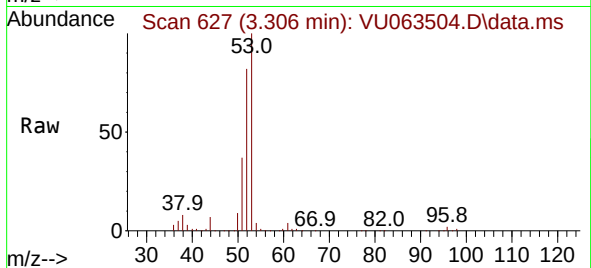




#15
Acrylonitrile
Concen: 121.439 ug/l
RT: 3.306 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

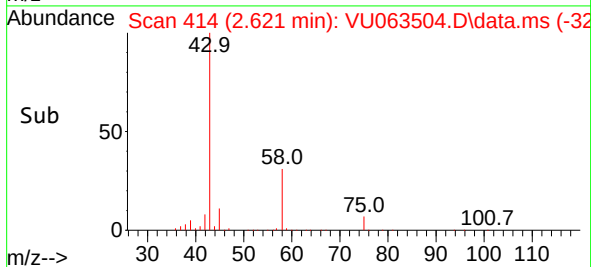
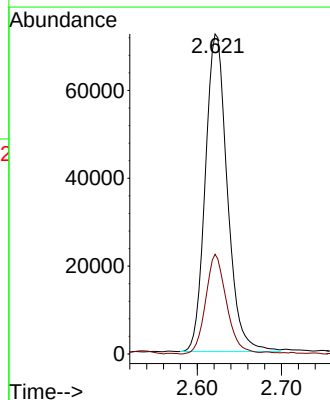
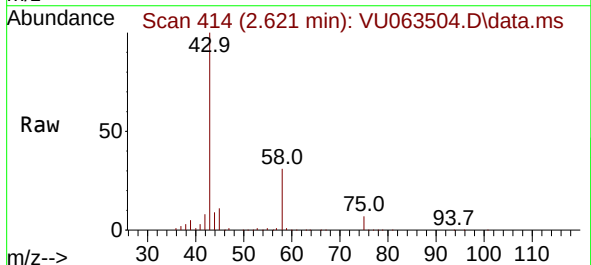
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

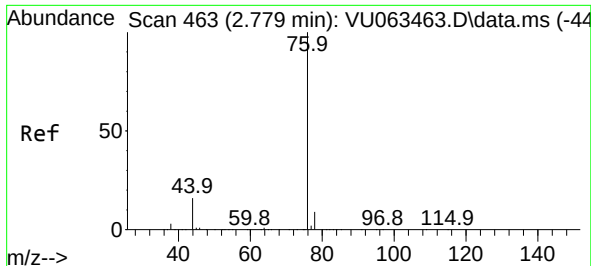
Tgt Ion: 53 Resp: 116783
Ion Ratio Lower Upper
53 100
52 81.5 65.0 97.4
51 37.2 28.8 43.2



#16
Acetone
Concen: 117.115 ug/l
RT: 2.621 min Scan# 414
Delta R.T. 0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion: 43 Resp: 131549
Ion Ratio Lower Upper
43 100
58 31.4 23.1 34.7

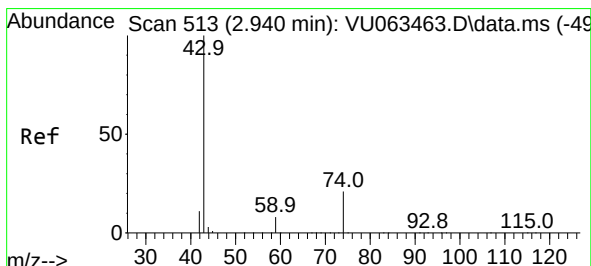
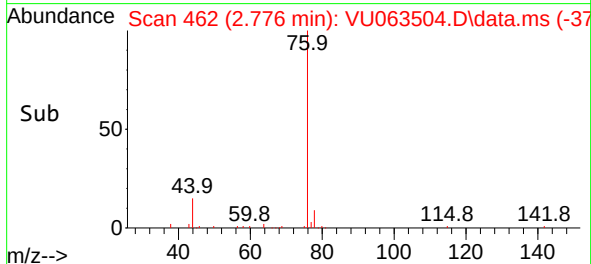
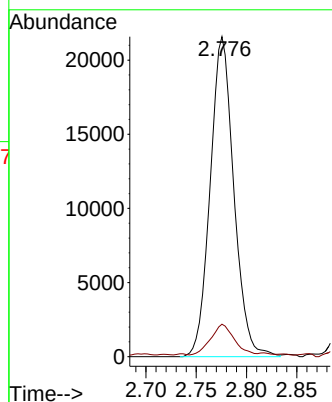
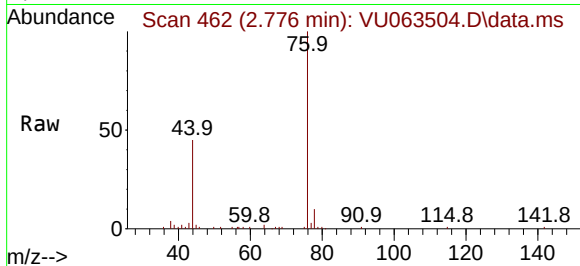




#17
Carbon Disulfide
Concen: 14.783 ug/l
RT: 2.776 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

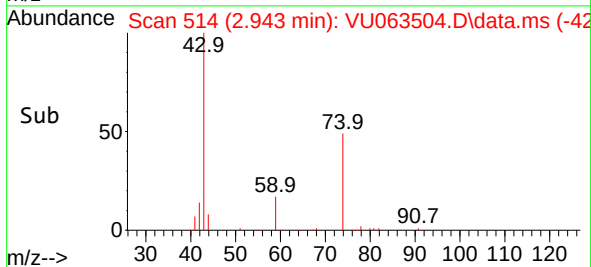
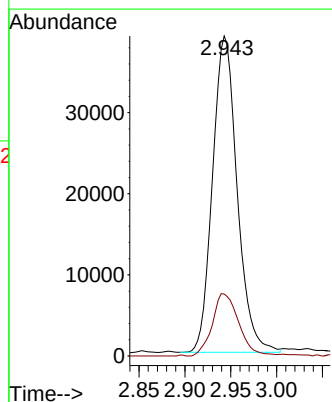
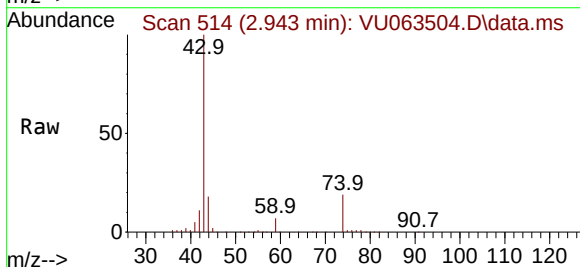
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

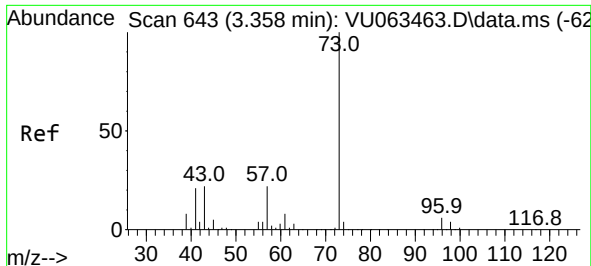
Tgt Ion: 76 Resp: 35384
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 25.190 ug/l
RT: 2.943 min Scan# 514
Delta R.T. 0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion: 43 Resp: 72817
Ion Ratio Lower Upper
43 100
74 21.1 17.3 25.9

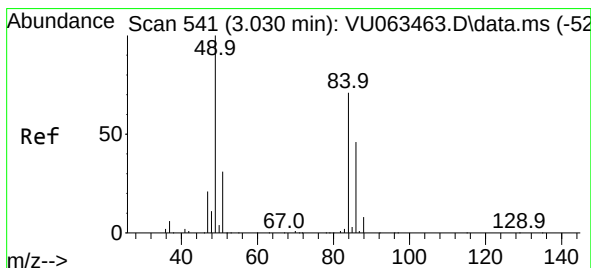
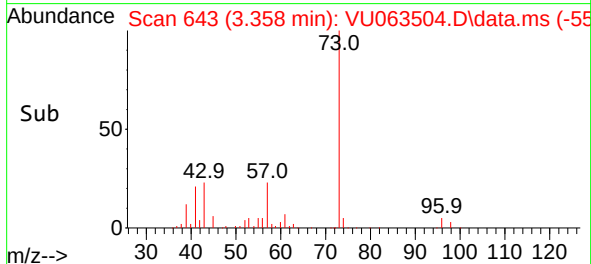
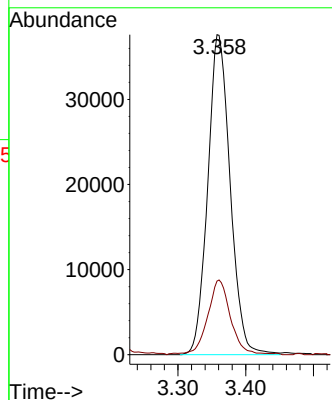
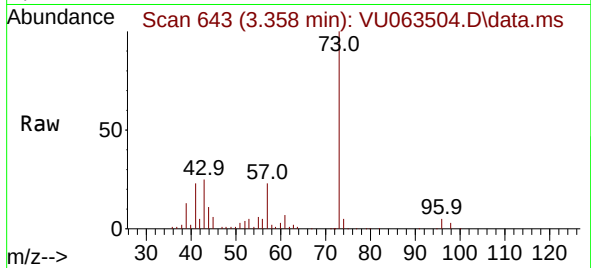




#19
Methyl tert-butyl Ether
Concen: 20.036 ug/l
RT: 3.358 min Scan# 64
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

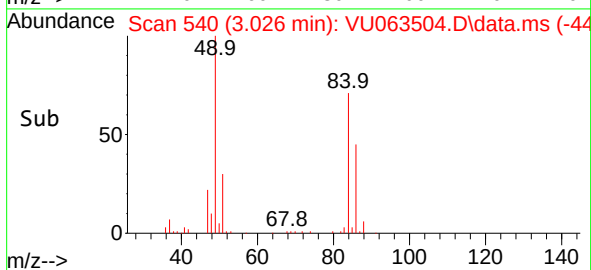
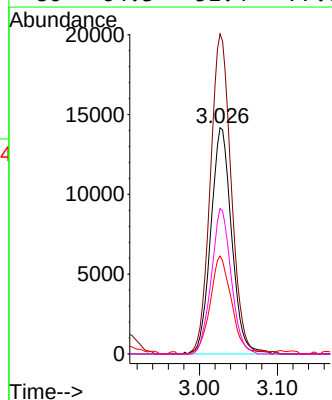
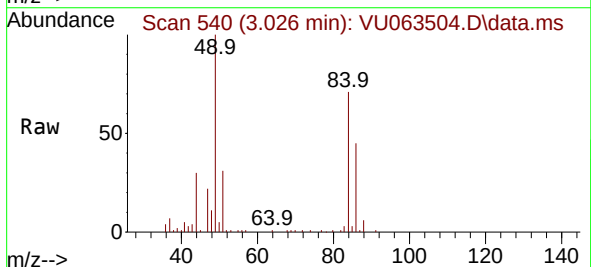
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

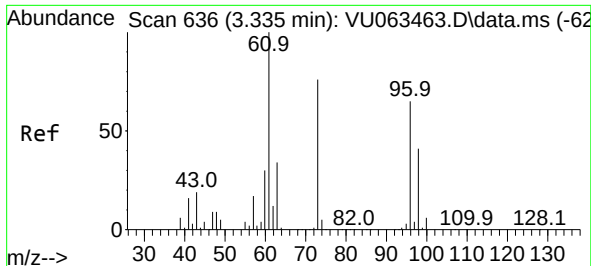
Tgt Ion: 73 Resp: 86522
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.6



#20
Methylene Chloride
Concen: 16.097 ug/l
RT: 3.026 min Scan# 540
Delta R.T. -0.004 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion: 84 Resp: 26364
Ion Ratio Lower Upper
84 100
49 141.4 112.1 168.1
51 43.3 34.4 51.6
86 64.3 51.4 77.0

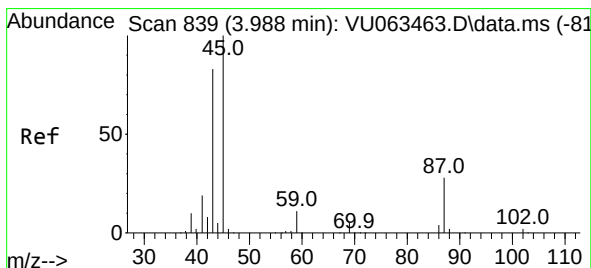
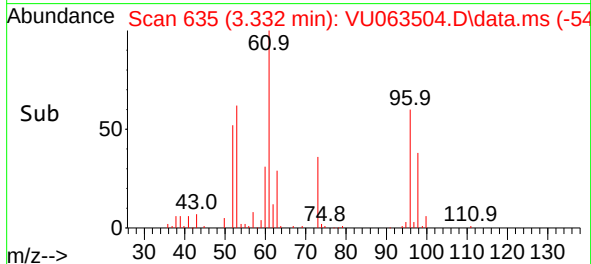
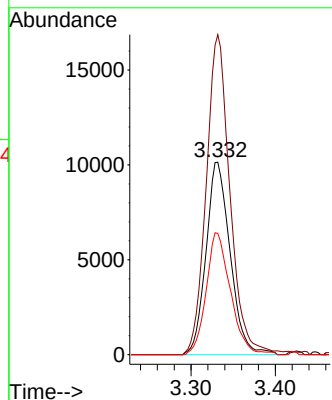
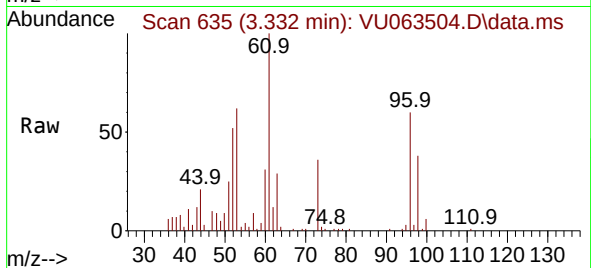




#21
trans-1,2-Dichloroethene
Concen: 18.820 ug/l
RT: 3.332 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

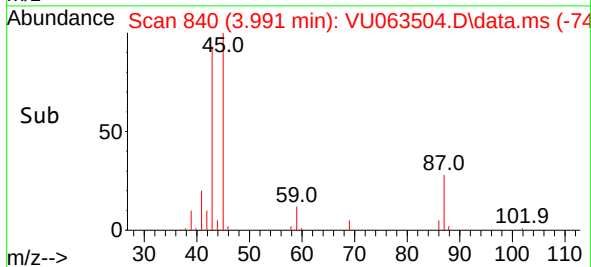
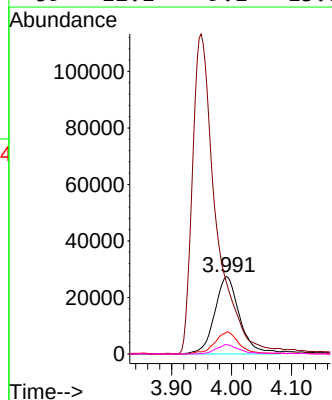
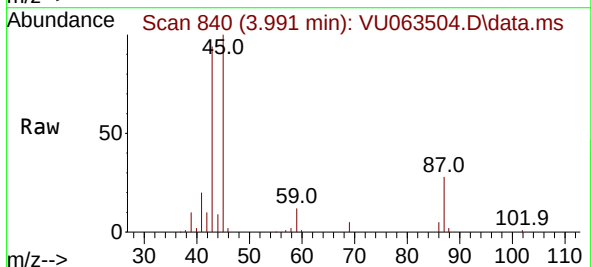
Instrument :
MSVOA_U
ClientSampleId :
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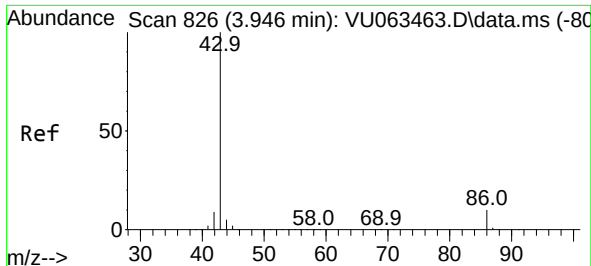
Tgt Ion: 96 Resp: 20246
Ion Ratio Lower Upper
96 100
61 166.3 122.2 183.4
98 63.1 49.9 74.9



#22
Diisopropyl ether
Concen: 19.501 ug/l
RT: 3.991 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion: 45 Resp: 79139
Ion Ratio Lower Upper
45 100
43 92.8 66.5 99.7
87 27.9 22.6 33.8
59 12.1 9.1 13.7

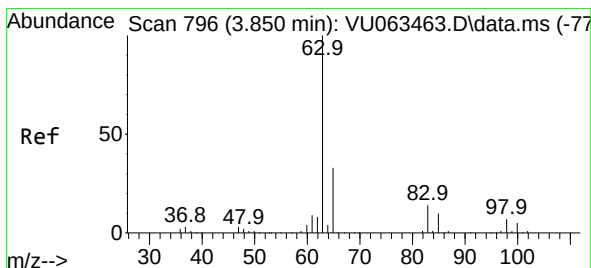
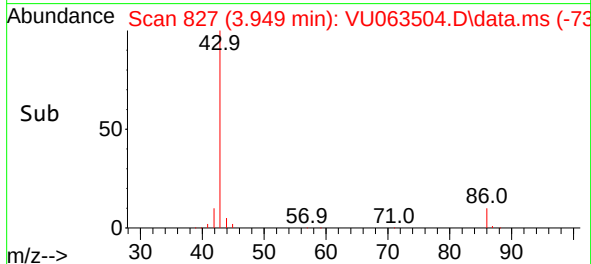
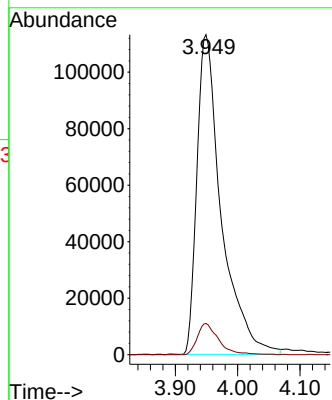
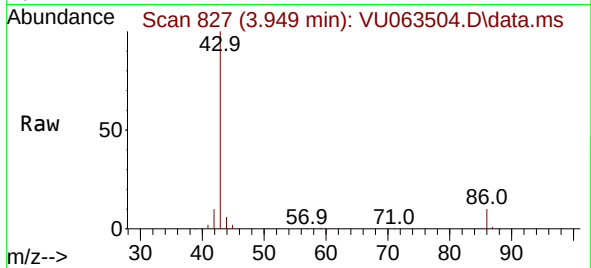




#23
 Vinyl Acetate
 Concen: 97.747 ug/l
 RT: 3.949 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU063504.D
 Acq: 14 Jul 2025 12:18

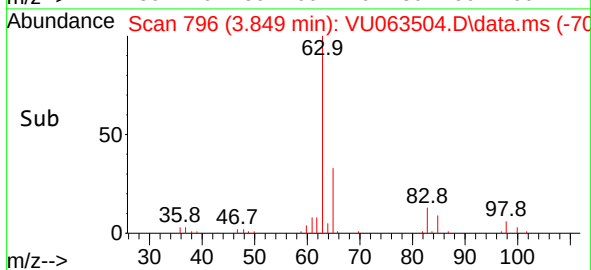
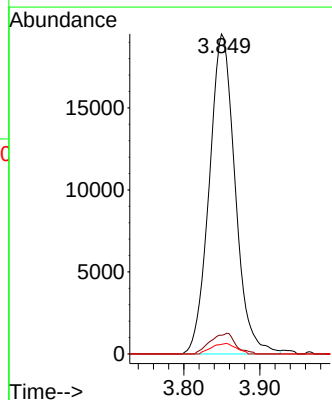
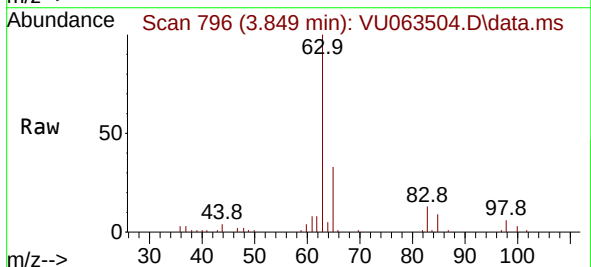
Instrument :
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 ClientSampleId :
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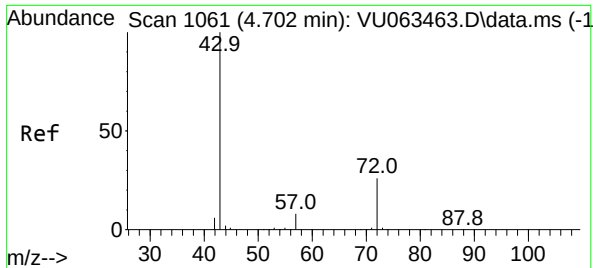
Tgt Ion: 43 Resp: 307798
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 20.018 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063504.D
 Acq: 14 Jul 2025 12:18

Tgt Ion: 63 Resp: 46104
 Ion Ratio Lower Upper
 63 100
 98 5.8 3.6 10.9
 100 3.0 2.3 6.8

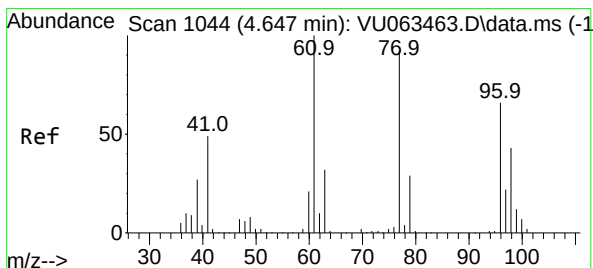
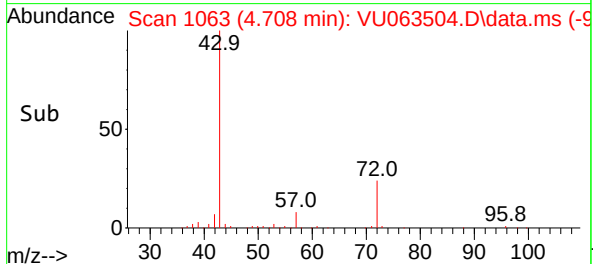
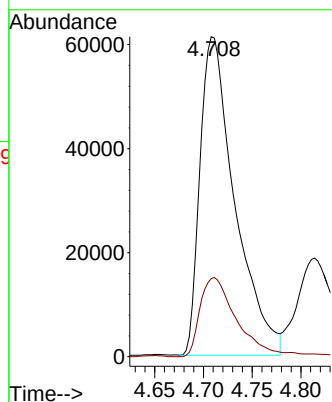
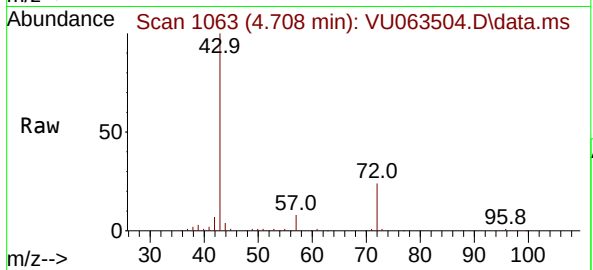




#25
2-Butanone
Concen: 120.880 ug/l
RT: 4.708 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

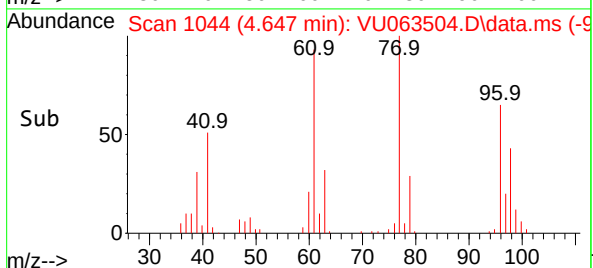
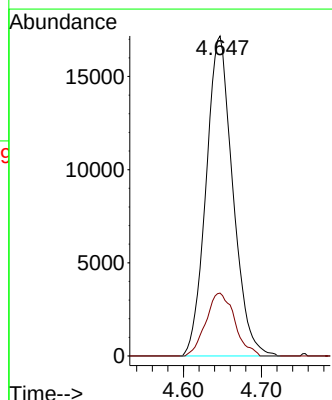
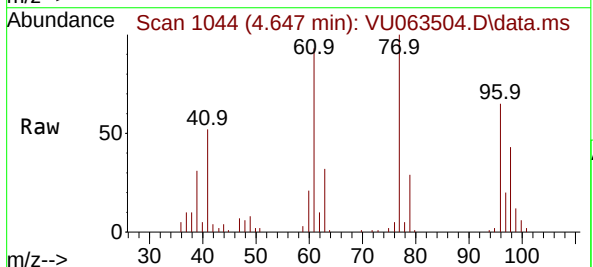
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

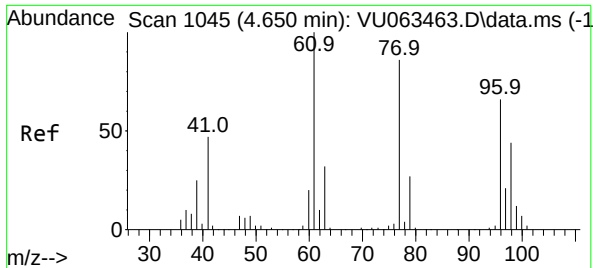
Tgt Ion: 43 Resp: 152425
Ion Ratio Lower Upper
43 100
72 24.5 20.7 31.1



#26
2,2-Dichloropropane
Concen: 20.385 ug/l
RT: 4.647 min Scan# 1044
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion: 77 Resp: 40848
Ion Ratio Lower Upper
77 100
97 21.2 11.8 35.3

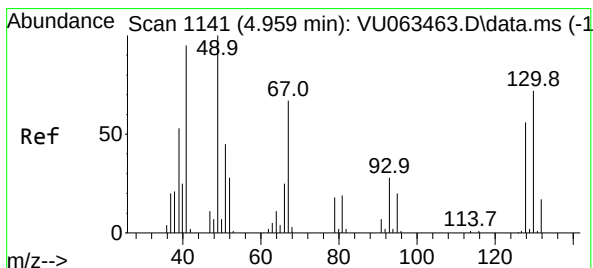
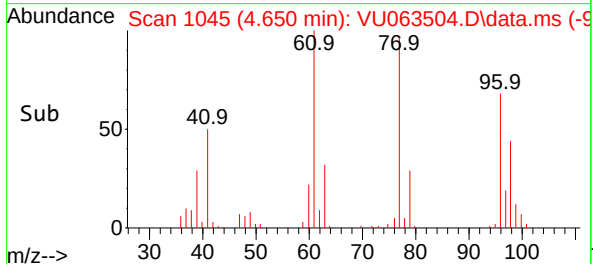
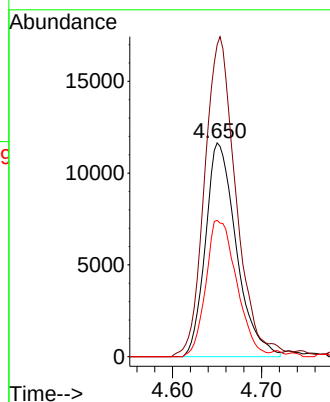
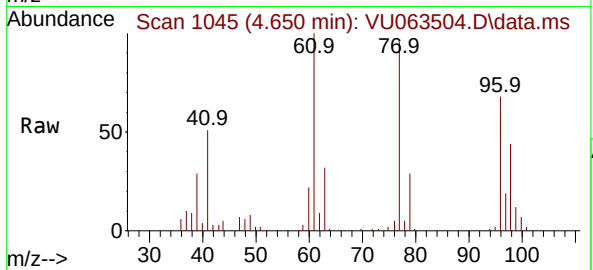




#27
 cis-1,2-Dichloroethene
 Concen: 19.732 ug/l
 RT: 4.650 min Scan# 1045
 Delta R.T. -0.000 min
 Lab File: VU063504.D
 Acq: 14 Jul 2025 12:18

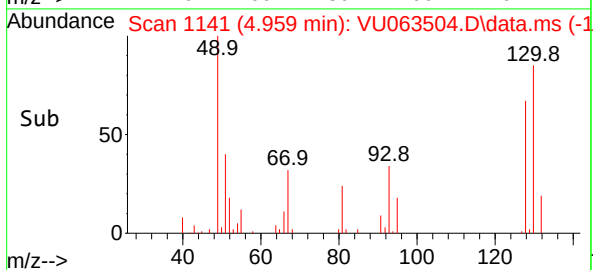
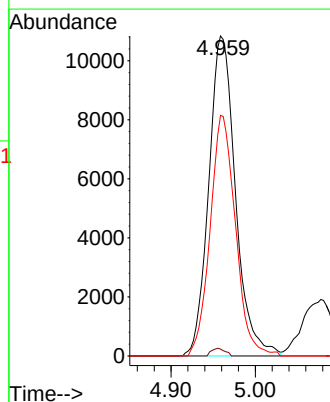
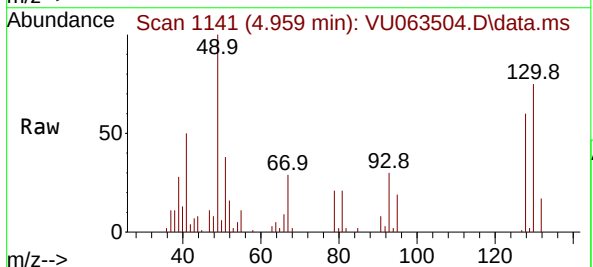
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0714WBSD01

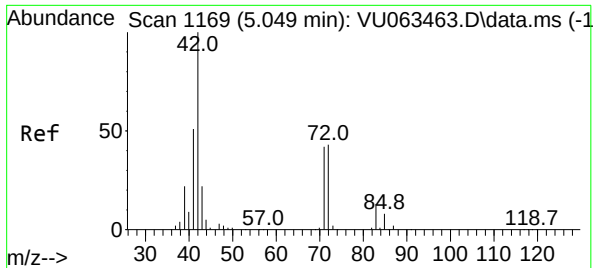
Tgt Ion: 96	Resp: 28018
Ion Ratio	Lower Upper
96	100
61	152.4 0.0 307.2
98	63.7 0.0 133.0



#28
 Bromochloromethane
 Concen: 22.081 ug/l
 RT: 4.959 min Scan# 1141
 Delta R.T. -0.000 min
 Lab File: VU063504.D
 Acq: 14 Jul 2025 12:18

Tgt Ion: 49	Resp: 23889
Ion Ratio	Lower Upper
49	100
129	1.2 0.0 3.8
130	71.3 59.0 88.4

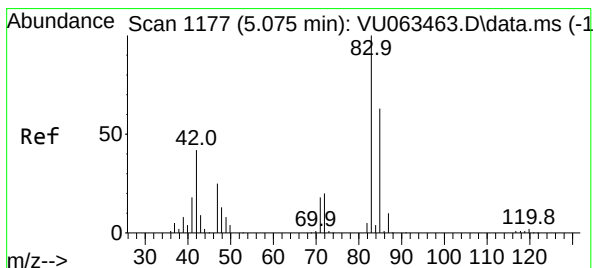
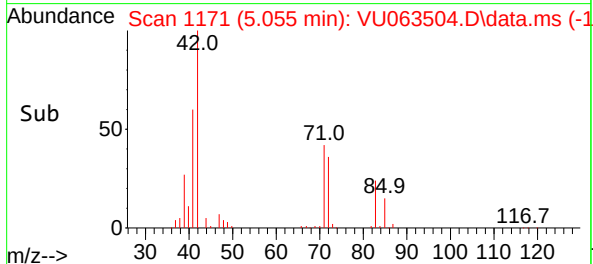
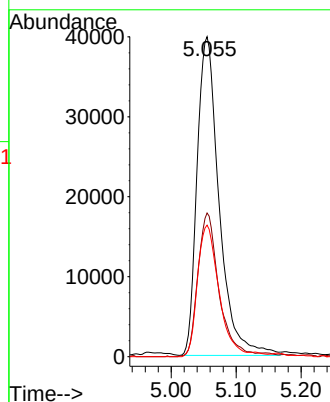
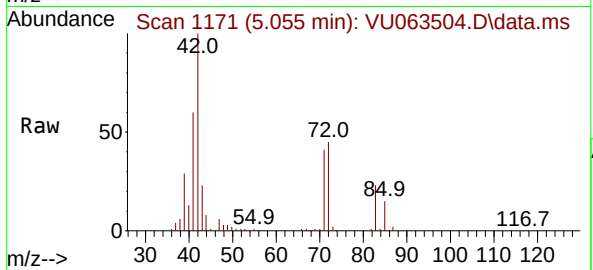




#29
Tetrahydrofuran
Concen: 118.652 ug/l
RT: 5.055 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

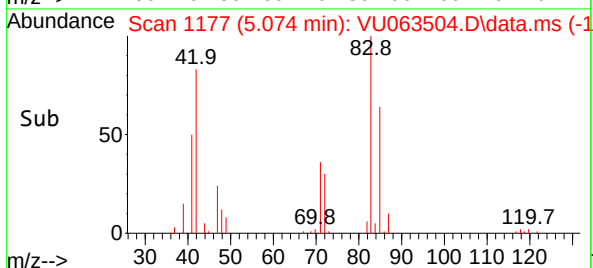
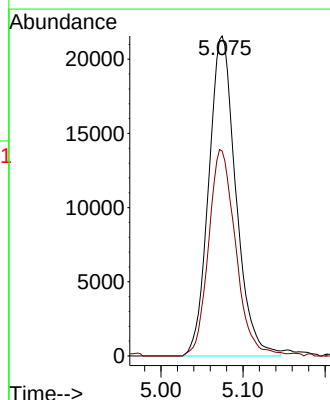
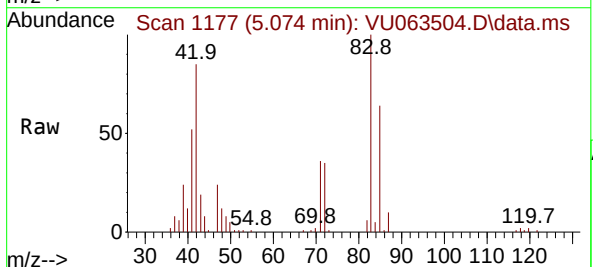
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

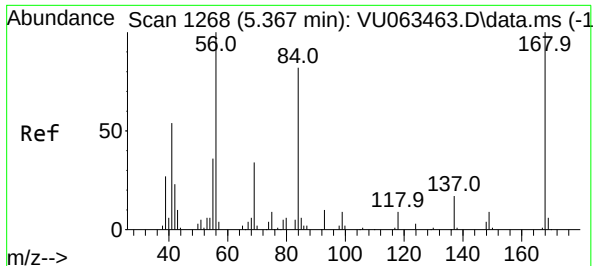
Tgt Ion:	42	Resp:	94379
Ion	Ratio	Lower	Upper
42	100		
72	42.9	36.2	54.4
71	40.0	33.3	49.9



#30
Chloroform
Concen: 20.396 ug/l
RT: 5.074 min Scan# 1177
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion:	83	Resp:	49597
Ion	Ratio	Lower	Upper
83	100		
85	64.0	50.7	76.1

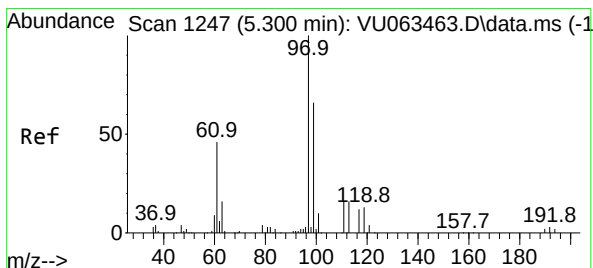
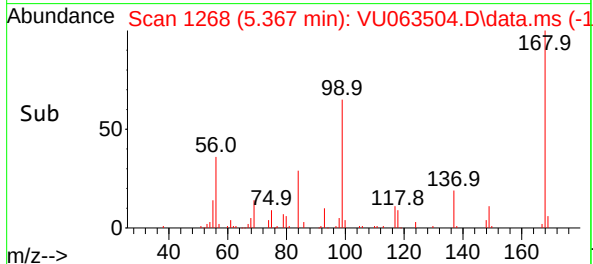
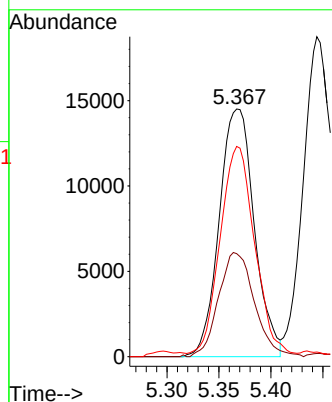
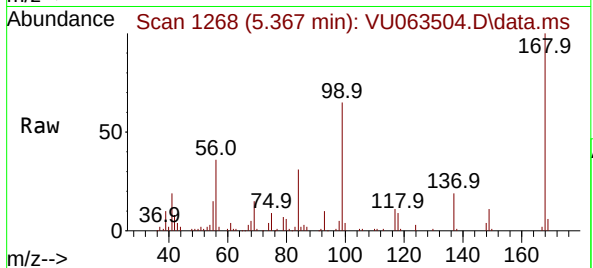




#31
Cyclohexane
Concen: 18.387 ug/l
RT: 5.367 min Scan# 1268
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

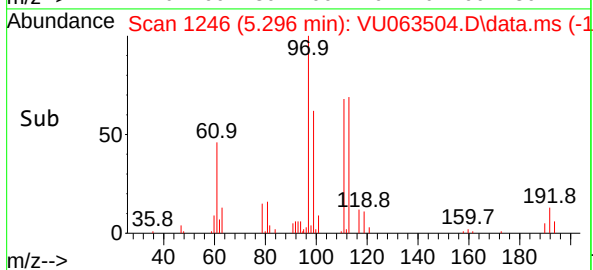
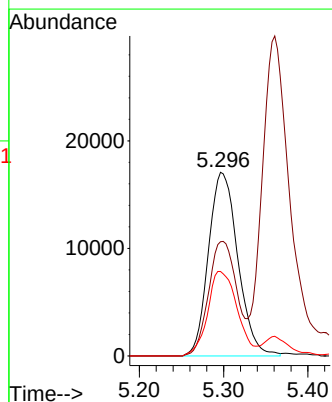
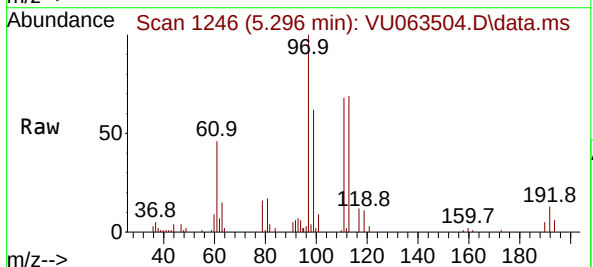
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

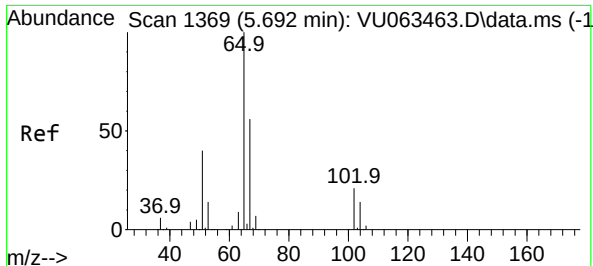
Tgt Ion: 56 Resp: 34044
Ion Ratio Lower Upper
56 100
69 41.6 27.0 40.4#
84 83.2 65.7 98.5



#32
1,1,1-Trichloroethane
Concen: 19.998 ug/l
RT: 5.296 min Scan# 1246
Delta R.T. -0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion: 97 Resp: 41406
Ion Ratio Lower Upper
97 100
99 60.3 50.4 75.6
61 46.0 36.3 54.5





#33

1,2-Dichloroethane-d4

Concen: 52.689 ug/l

RT: 5.692 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

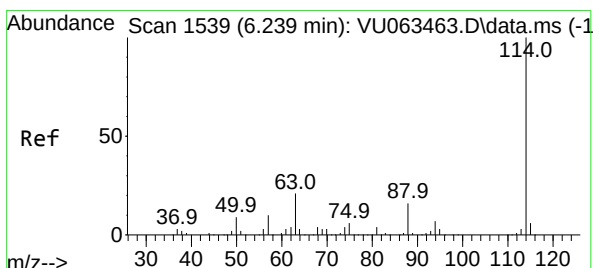
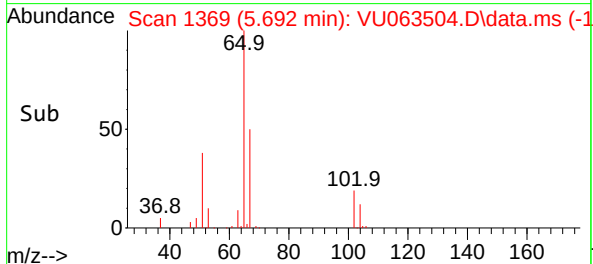
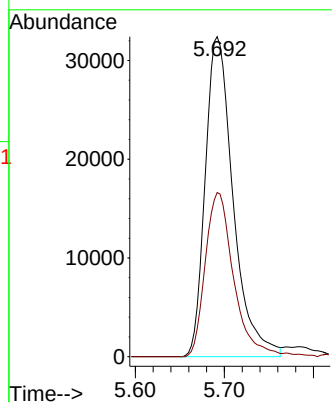
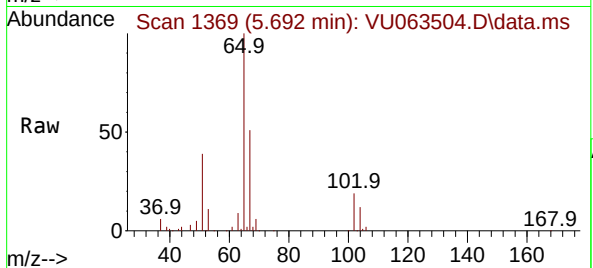
VU0714WBSD01

Tgt Ion: 65 Resp: 70552

Ion Ratio Lower Upper

65 100

67 51.9 0.0 107.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.238 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

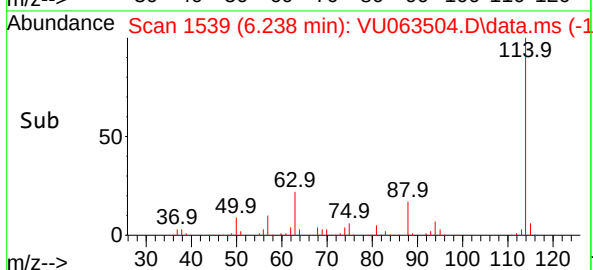
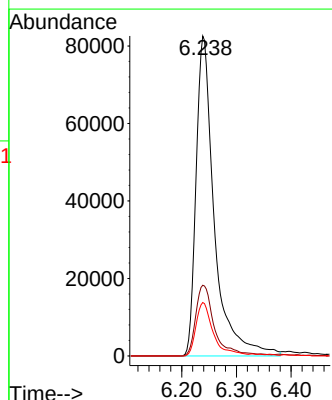
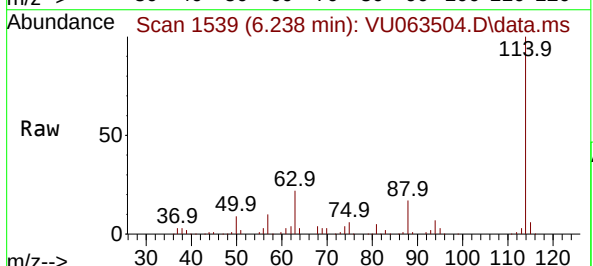
Tgt Ion: 114 Resp: 191502

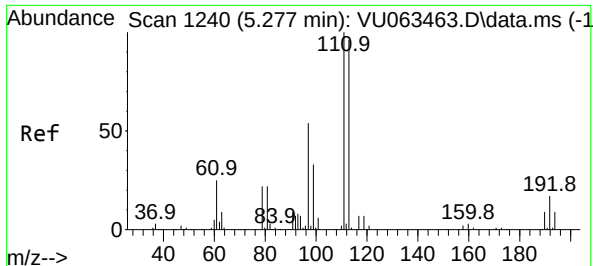
Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.6

88 16.7 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.120 ug/l

RT: 5.277 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBSD01

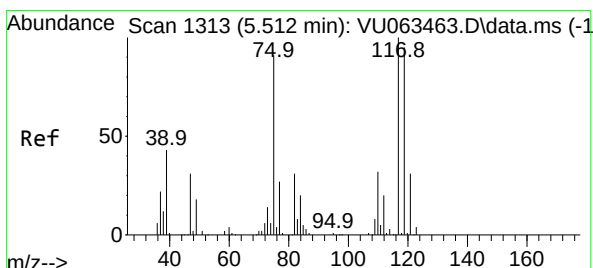
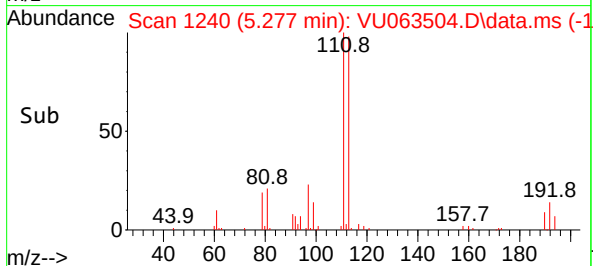
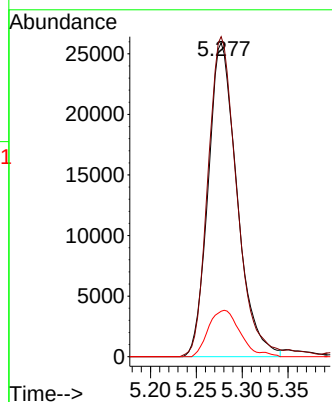
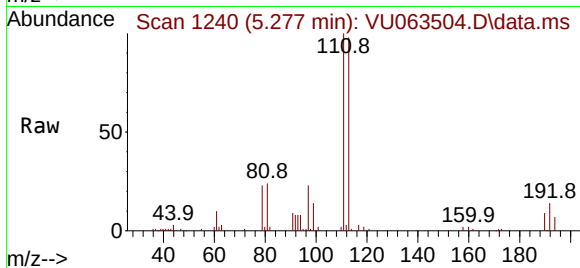
Tgt Ion:113 Resp: 56701

Ion Ratio Lower Upper

113 100

111 101.9 82.1 123.1

192 16.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 17.688 ug/l

RT: 5.512 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

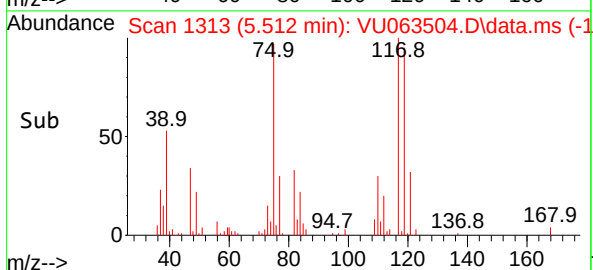
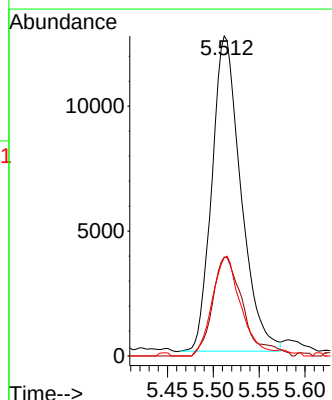
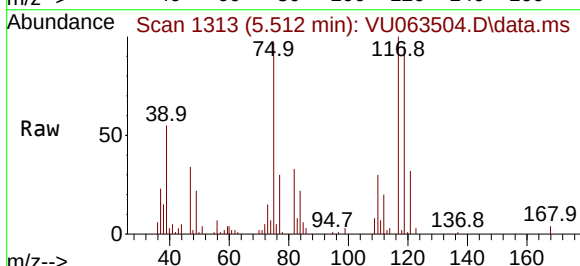
Tgt Ion: 75 Resp: 27744

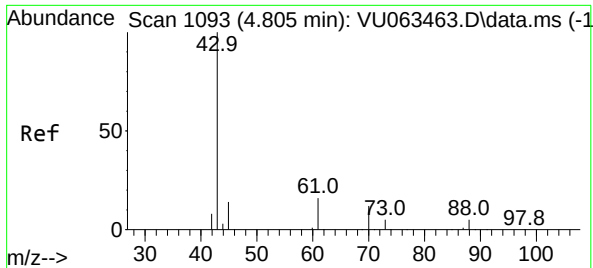
Ion Ratio Lower Upper

75 100

110 33.1 17.3 52.0

77 31.3 23.9 35.9

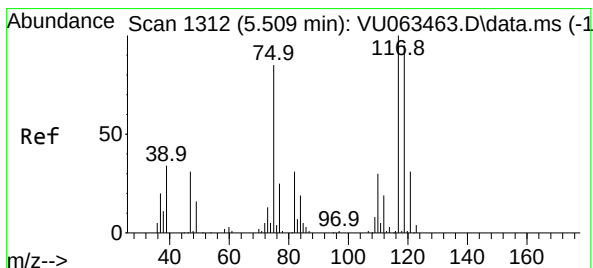
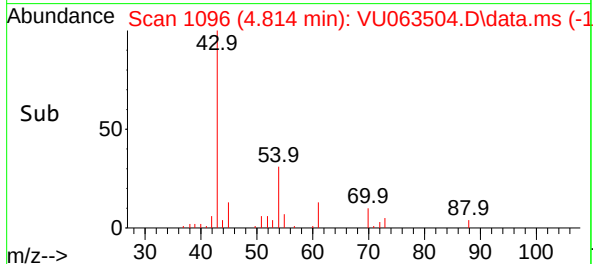
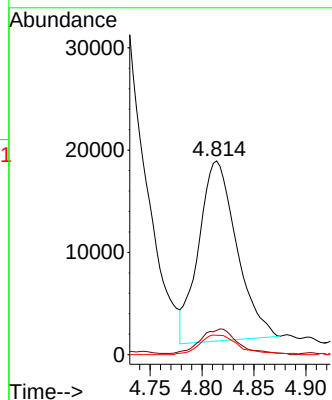
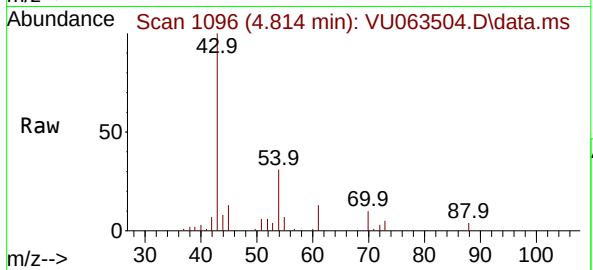




#37
Ethyl Acetate
Concen: 17.612 ug/l
RT: 4.814 min Scan# 1096
Delta R.T. 0.010 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

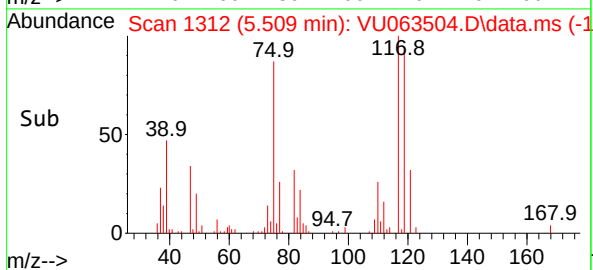
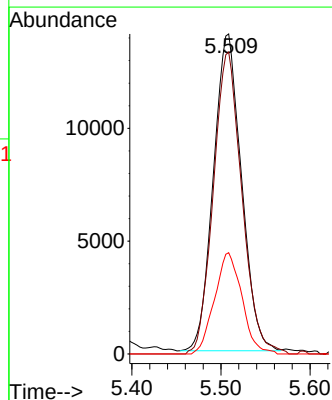
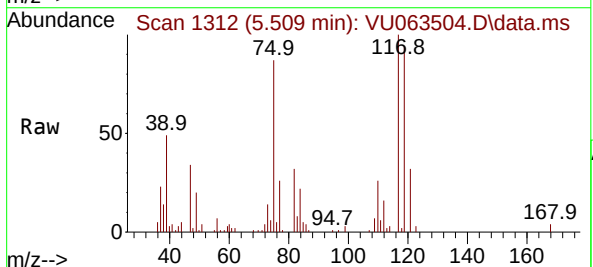
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

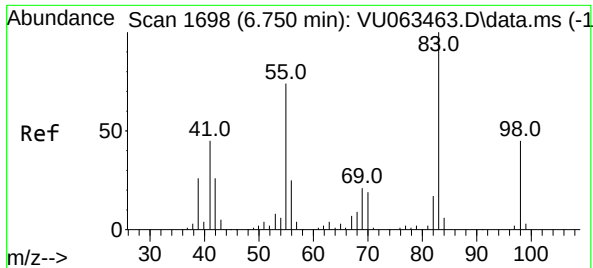
Tgt Ion: 43 Resp: 44738
Ion Ratio Lower Upper
43 100
61 14.6 10.4 15.6
70 11.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 17.771 ug/l
RT: 5.509 min Scan# 1312
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion: 117 Resp: 30712
Ion Ratio Lower Upper
117 100
119 95.3 76.1 114.1
121 32.0 25.0 37.4

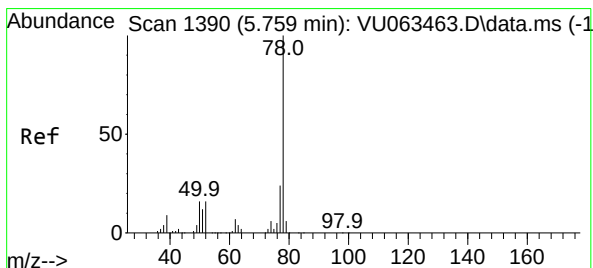
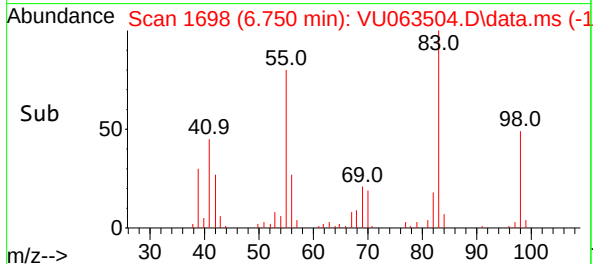
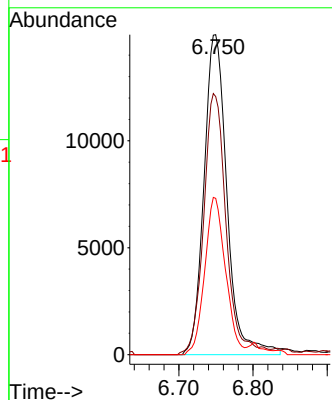
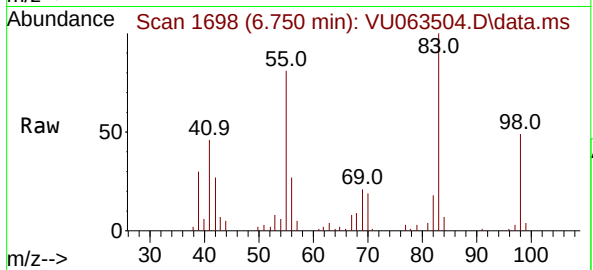




#39
Methylcyclohexane
Concen: 16.945 ug/l
RT: 6.750 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

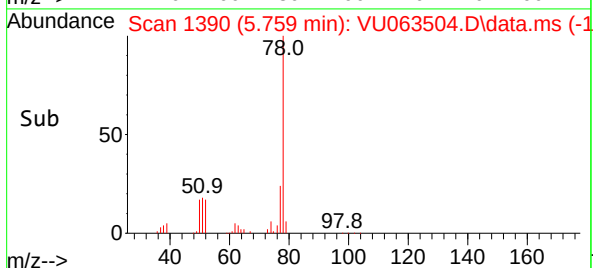
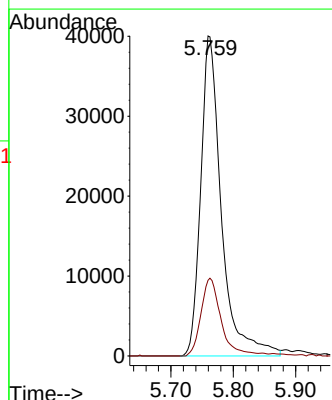
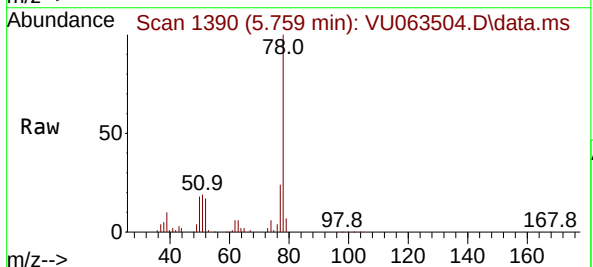
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

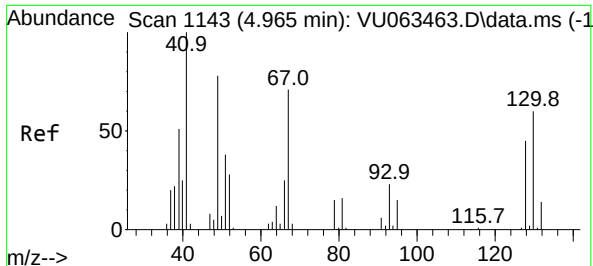
Tgt Ion: 83 Resp: 32114
Ion Ratio Lower Upper
83 100
55 80.0 59.4 89.2
98 48.9 36.2 54.4



#40
Benzene
Concen: 18.848 ug/l
RT: 5.759 min Scan# 1390
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion: 78 Resp: 92326
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

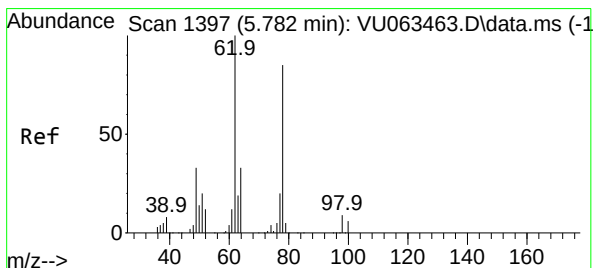
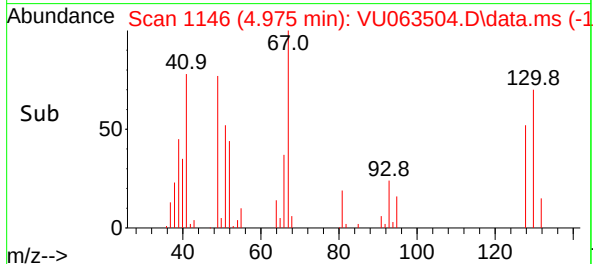
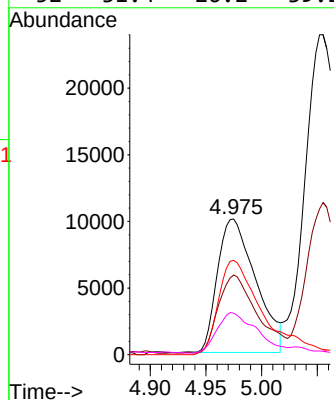
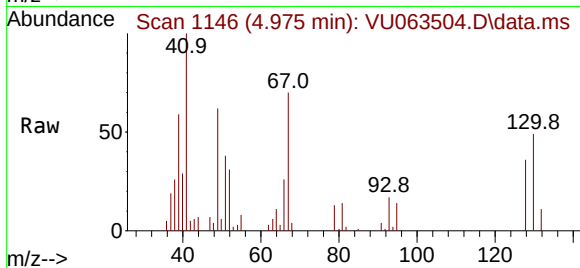




#41
Methacrylonitrile
Concen: 19.977 ug/l
RT: 4.975 min Scan# 1146
Delta R.T. 0.010 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

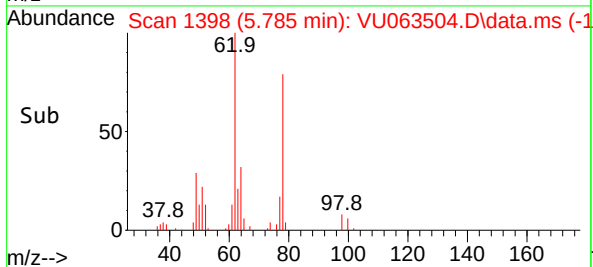
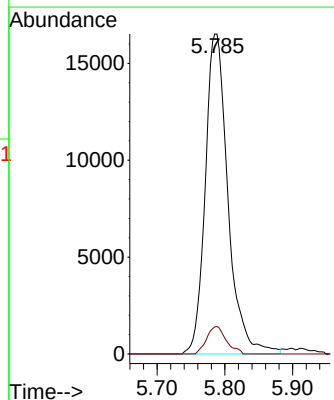
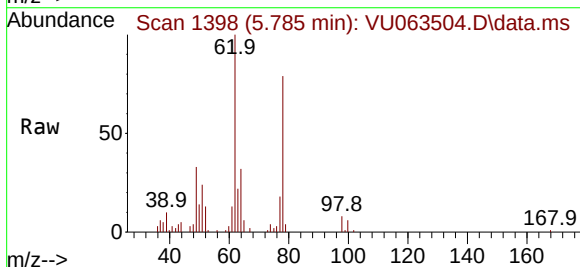
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

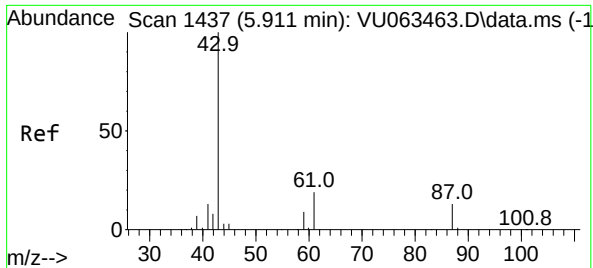
Tgt Ion:	41	Resp:	23945
Ion	Ratio	Lower	Upper
41	100		
39	59.4	43.6	65.4
67	81.3	62.8	94.2
52	31.4	26.2	39.2



#42
1,2-Dichloroethane
Concen: 20.873 ug/l
RT: 5.785 min Scan# 1398
Delta R.T. 0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion:	62	Resp:	38446
Ion	Ratio	Lower	Upper
62	100		
98	7.4	0.0	17.6

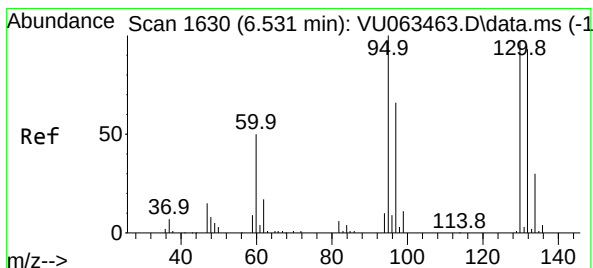
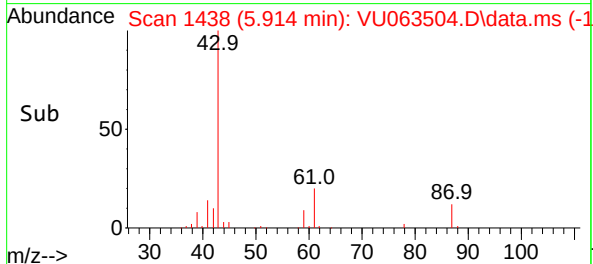
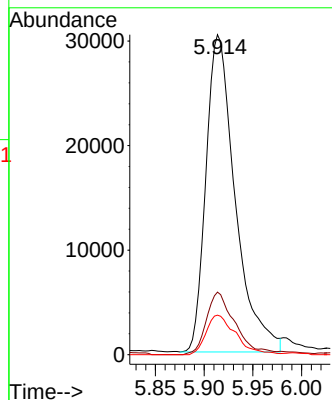
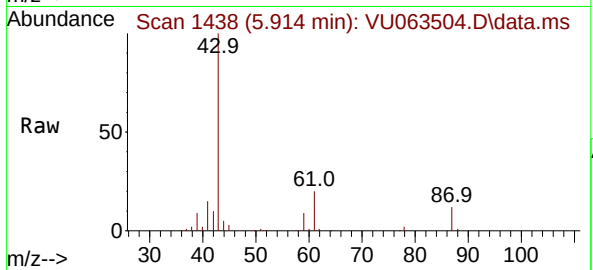




#43
Isopropyl Acetate
Concen: 18.766 ug/l
RT: 5.914 min Scan# 1437
Delta R.T. 0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

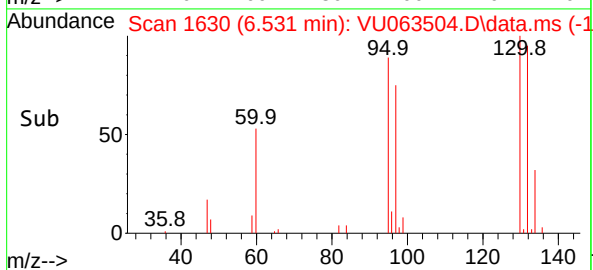
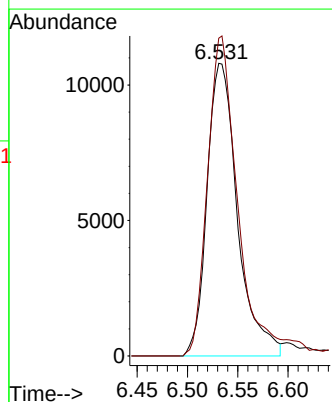
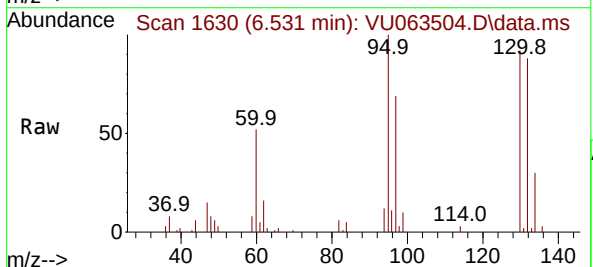
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

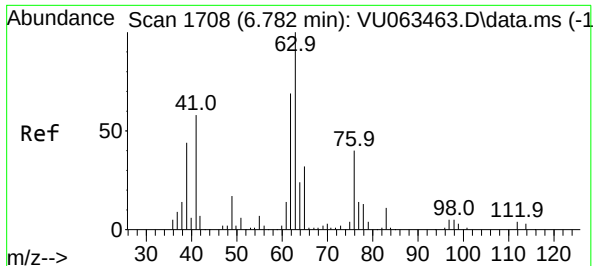
Tgt Ion: 43 Resp: 63319
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.2
87 12.6 10.5 15.7



#44
Trichloroethene
Concen: 17.331 ug/l
RT: 6.531 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion:130 Resp: 22719
Ion Ratio Lower Upper
130 100
95 108.6 0.0 206.4





#45

1,2-Dichloropropane

Concen: 19.266 ug/l

RT: 6.782 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

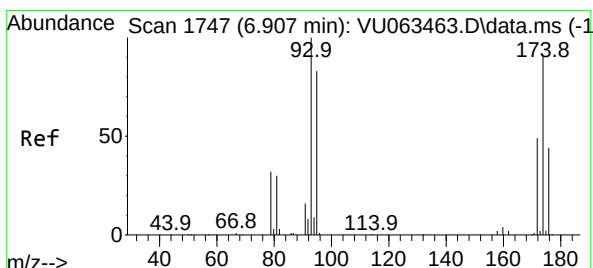
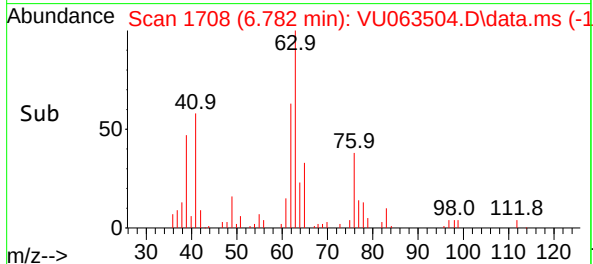
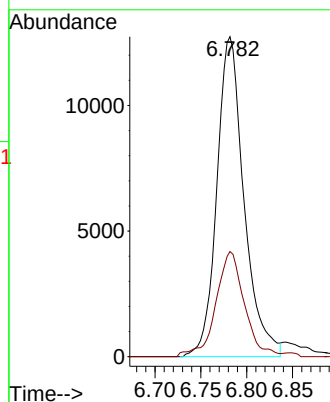
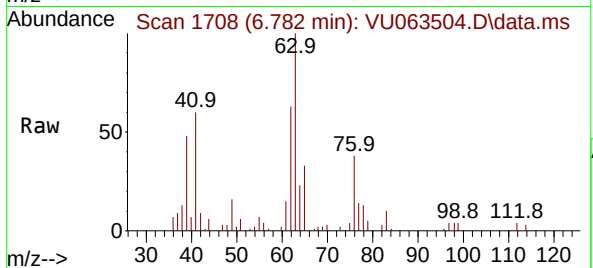
VU0714WBSD01

Tgt Ion: 63 Resp: 26236

Ion Ratio Lower Upper

63 100

65 31.9 25.3 37.9



#46

Dibromomethane

Concen: 19.718 ug/l

RT: 6.910 min Scan# 1748

Delta R.T. 0.003 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

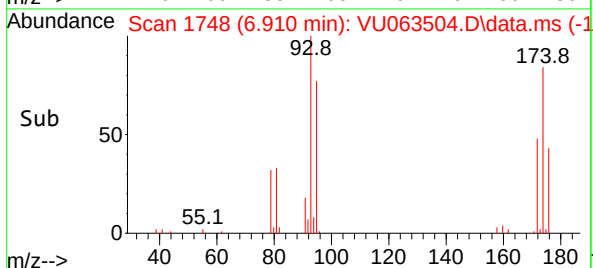
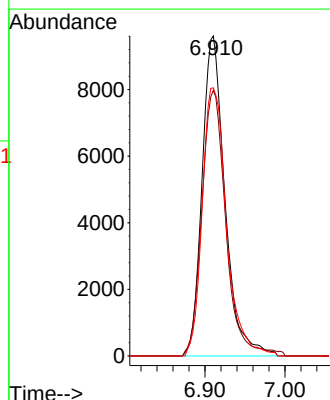
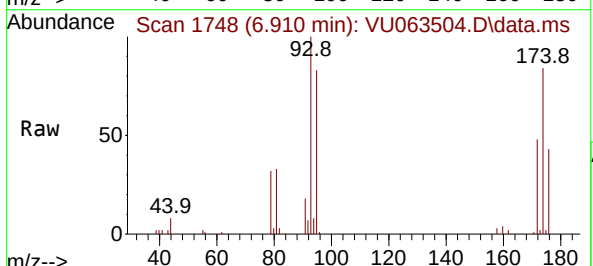
Tgt Ion: 93 Resp: 19104

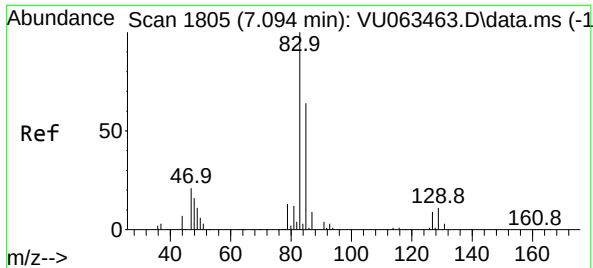
Ion Ratio Lower Upper

93 100

95 87.3 67.5 101.3

174 88.9 73.1 109.7

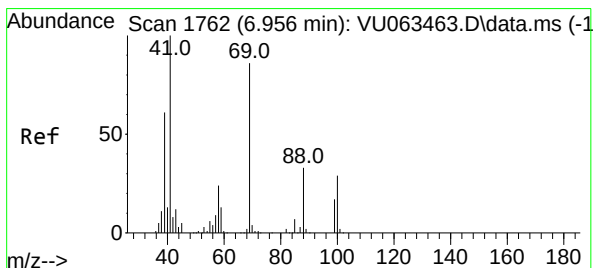
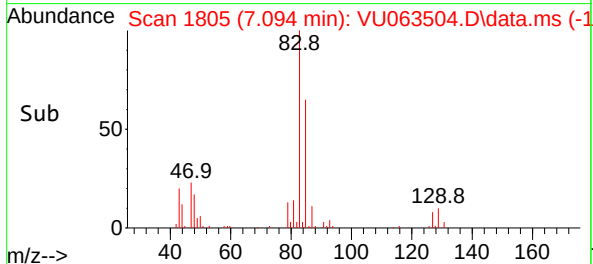
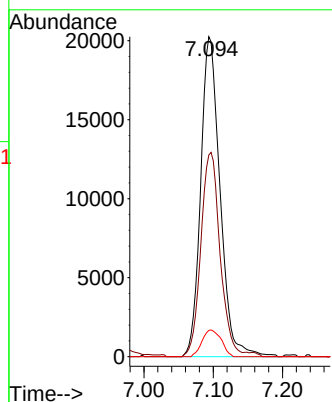
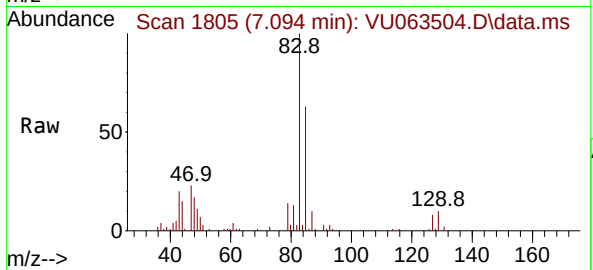




#47
 Bromodichloromethane
 Concen: 19.523 ug/l
 RT: 7.094 min Scan# 1805
 Delta R.T. -0.000 min
 Lab File: VU063504.D
 Acq: 14 Jul 2025 12:18

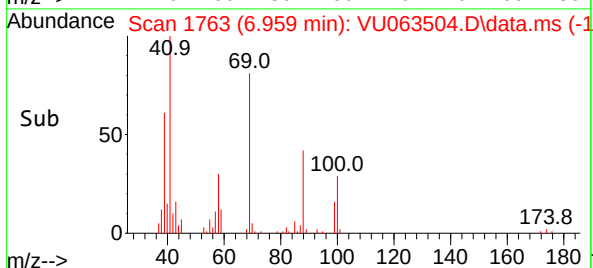
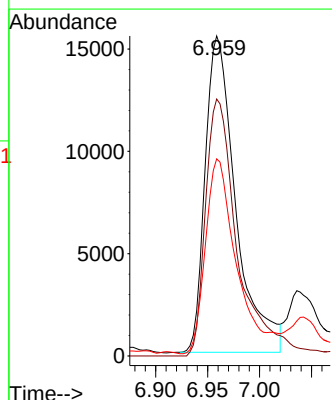
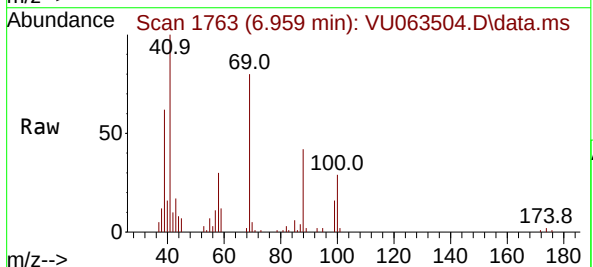
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0714WBSD01

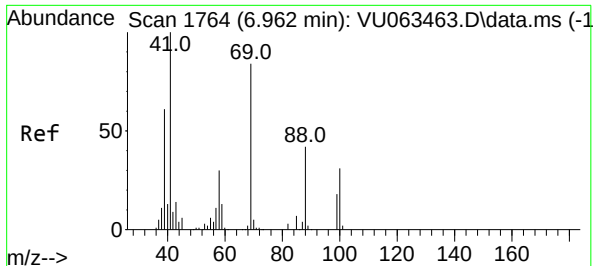
Tgt Ion:	83	Resp:	39332
Ion	Ratio	Lower	Upper
83	100		
85	63.0	51.4	77.0
127	8.2	7.0	10.4



#48
 Methyl methacrylate
 Concen: 20.362 ug/l
 RT: 6.959 min Scan# 1763
 Delta R.T. 0.003 min
 Lab File: VU063504.D
 Acq: 14 Jul 2025 12:18

Tgt Ion:	41	Resp:	31753
Ion	Ratio	Lower	Upper
41	100		
69	85.7	69.8	104.8
39	62.9	48.3	72.5





#49

1,4-Dioxane

Concen: 514.784 ug/l

RT: 6.965 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBSD01

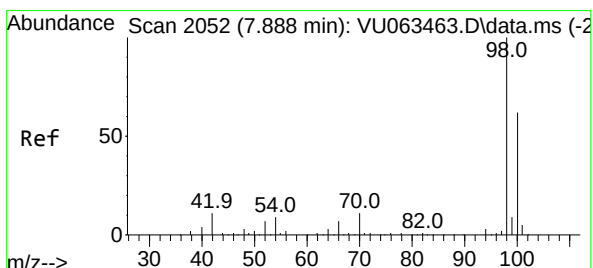
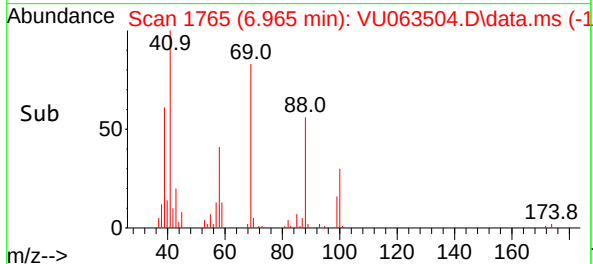
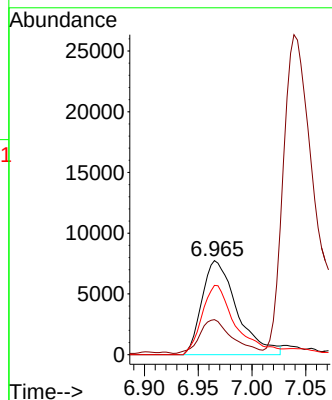
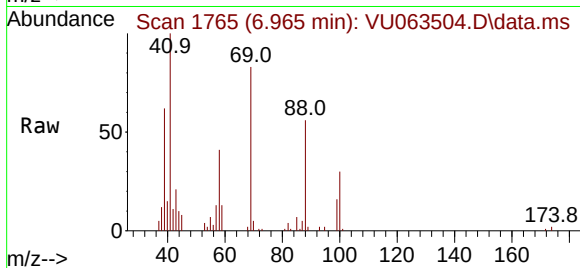
Tgt Ion: 88 Resp: 17616

Ion Ratio Lower Upper

88 100

43 33.0 25.6 38.4

58 71.0 55.0 82.6



#50

Toluene-d8

Concen: 46.321 ug/l

RT: 7.888 min Scan# 2052

Delta R.T. -0.000 min

Lab File: VU063504.D

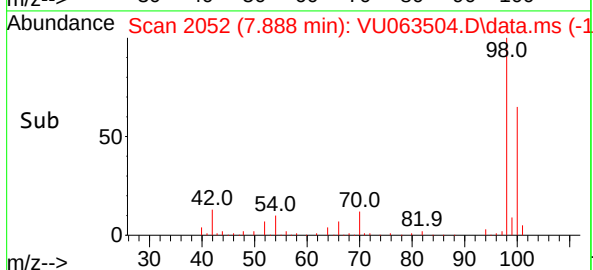
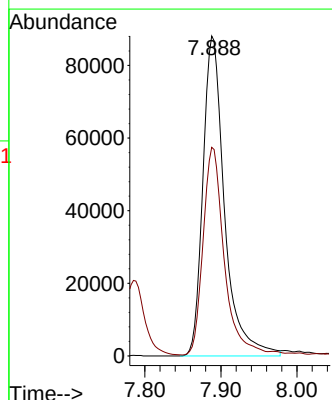
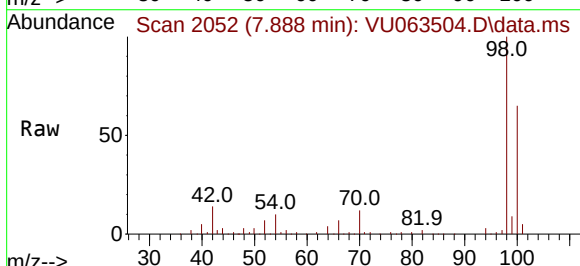
Acq: 14 Jul 2025 12:18

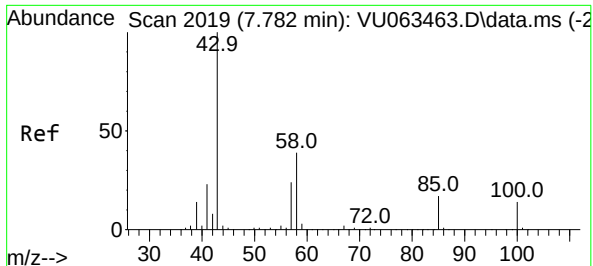
Tgt Ion: 98 Resp: 174295

Ion Ratio Lower Upper

98 100

100 62.9 48.1 72.1





#51

4-Methyl-2-Pentanone

Concen: 111.645 ug/l

RT: 7.785 min Scan# 2019

Delta R.T. 0.003 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

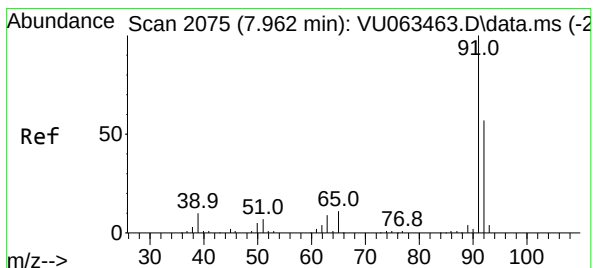
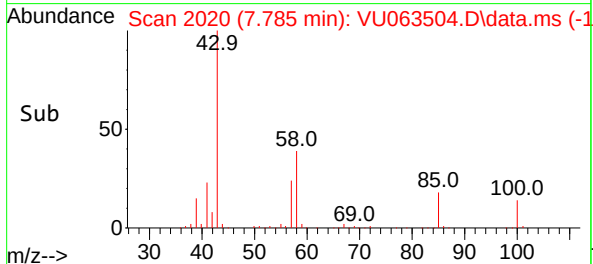
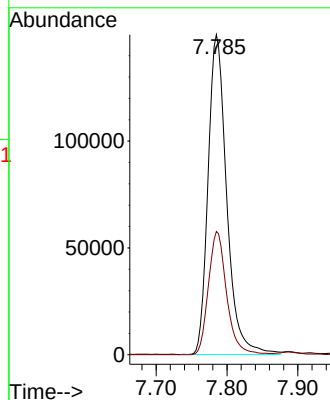
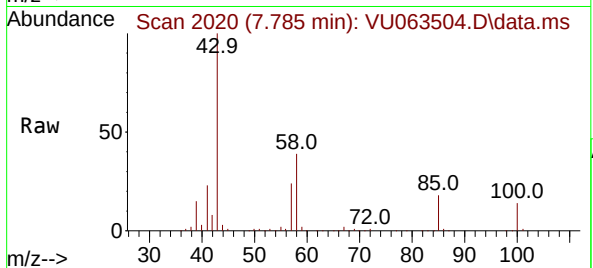
VU0714WBSD01

Tgt Ion: 43 Resp: 272648

Ion Ratio Lower Upper

43 100

58 37.9 31.0 46.4



#52

Toluene

Concen: 18.444 ug/l

RT: 7.962 min Scan# 2075

Delta R.T. -0.000 min

Lab File: VU063504.D

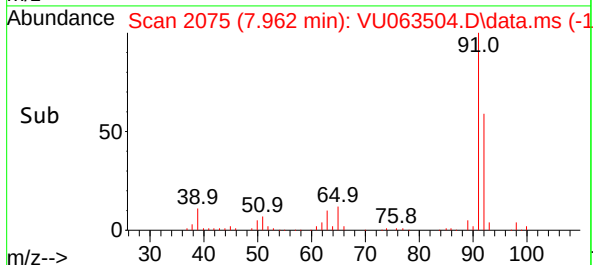
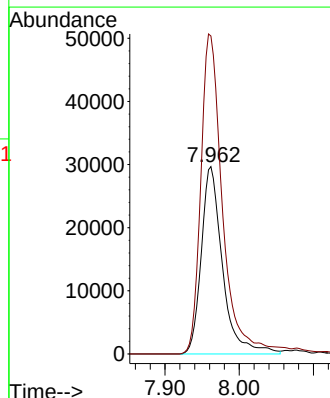
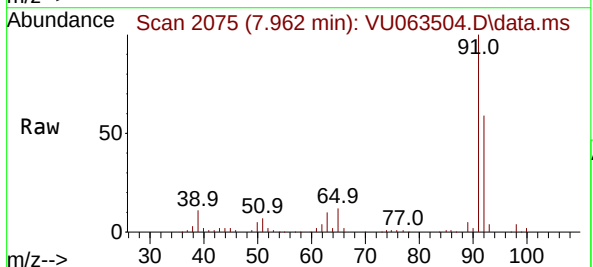
Acq: 14 Jul 2025 12:18

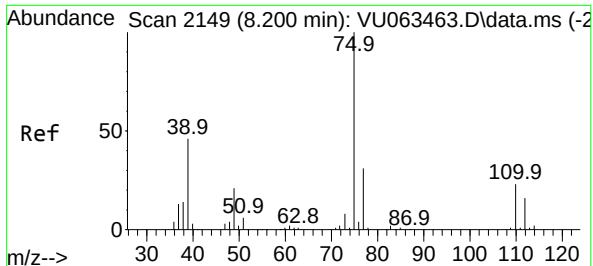
Tgt Ion: 92 Resp: 59095

Ion Ratio Lower Upper

92 100

91 175.0 144.5 216.7





#53

t-1,3-Dichloropropene

Concen: 17.429 ug/l

RT: 8.203 min Scan# 2149

Delta R.T. 0.003 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

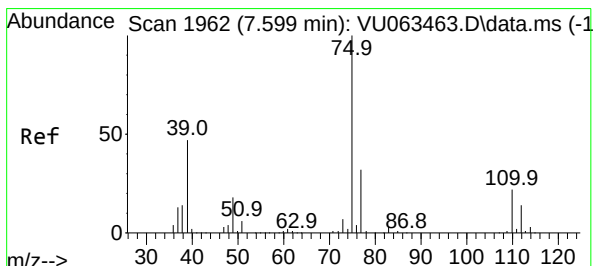
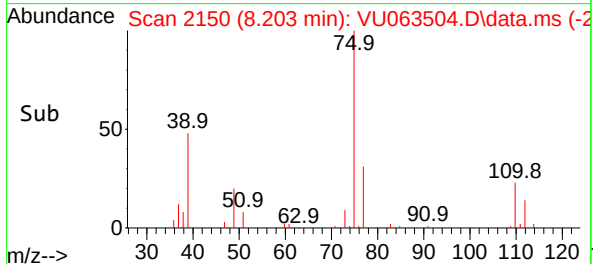
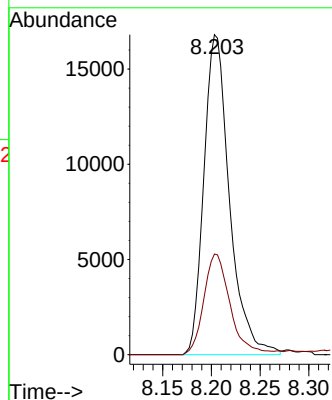
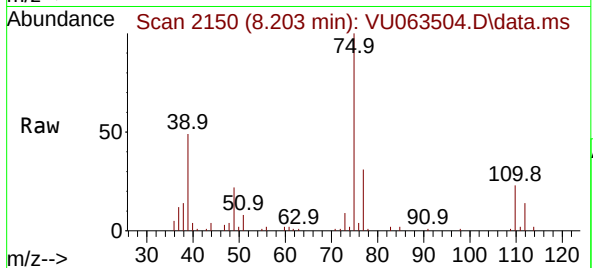
VU0714WBSD01

Tgt Ion: 75 Resp: 30726

Ion Ratio Lower Upper

75 100

77 31.4 25.0 37.6



#54

cis-1,3-Dichloropropene

Concen: 18.796 ug/l

RT: 7.598 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

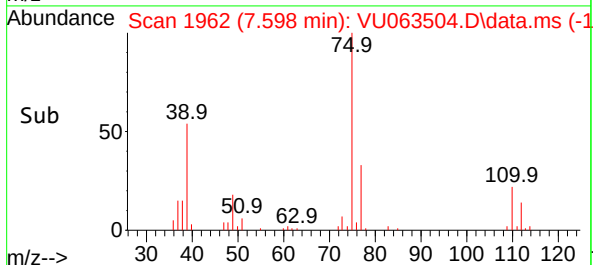
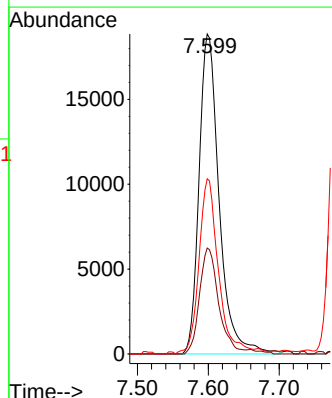
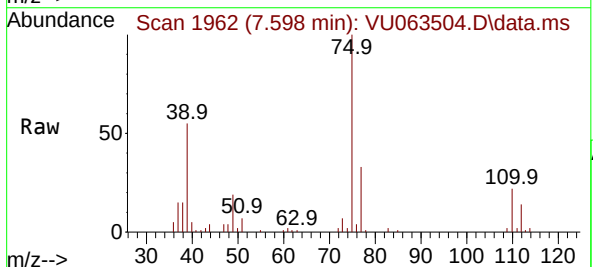
Tgt Ion: 75 Resp: 37095

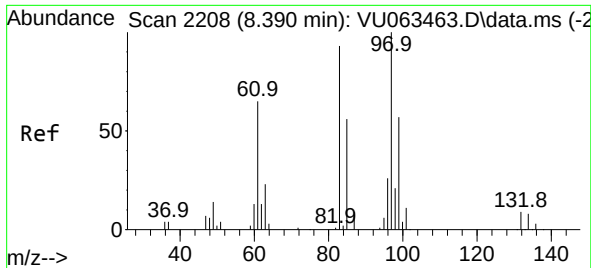
Ion Ratio Lower Upper

75 100

77 33.1 25.4 38.0

39 53.9 37.2 55.8

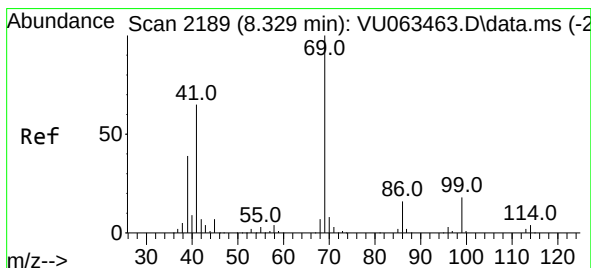
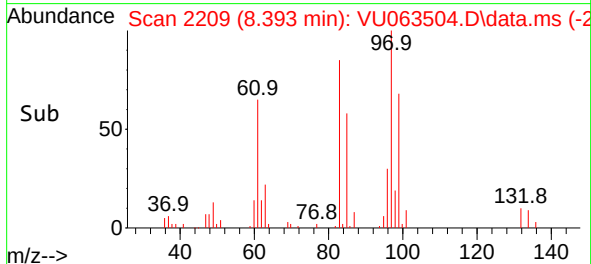
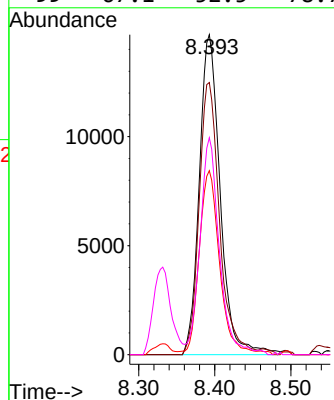
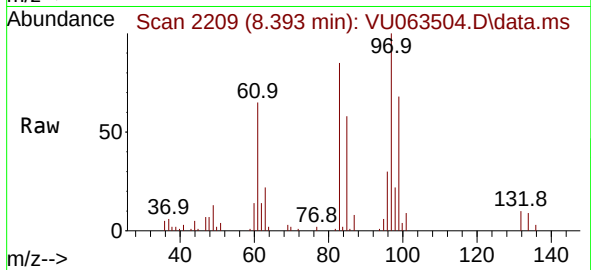




#55
1,1,2-Trichloroethane
Concen: 20.650 ug/l
RT: 8.393 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

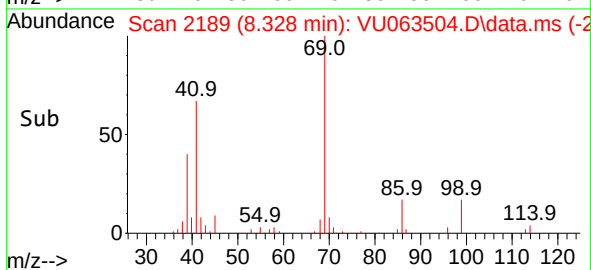
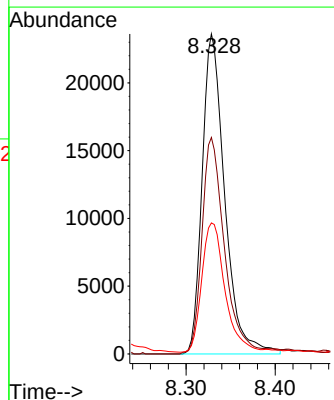
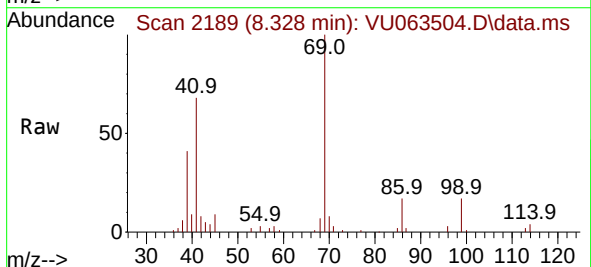
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

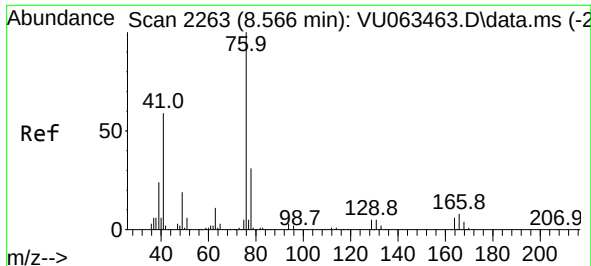
Tgt Ion:	97	Resp:	28098
Ion	Ratio	Lower	Upper
97	100		
83	85.0	74.2	111.4
85	57.5	45.8	68.8
99	67.1	52.5	78.7



#56
Ethyl methacrylate
Concen: 18.902 ug/l
RT: 8.328 min Scan# 2189
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion:	69	Resp:	41489
Ion	Ratio	Lower	Upper
69	100		
41	68.2	53.0	79.6
39	41.5	31.0	46.4





#57

1,3-Dichloropropane

Concen: 19.539 ug/l

RT: 8.566 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

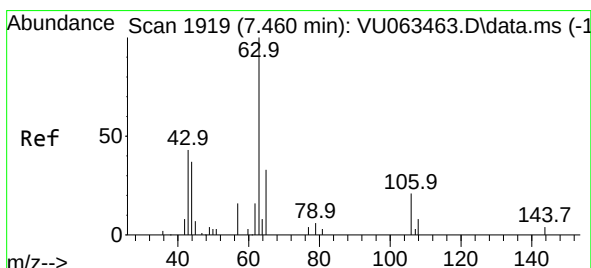
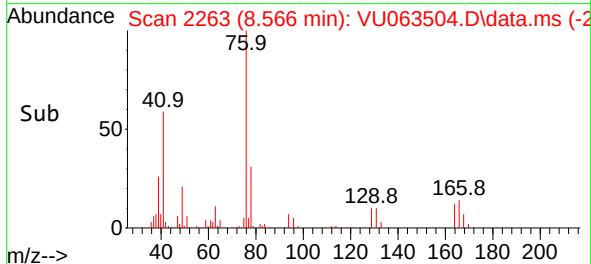
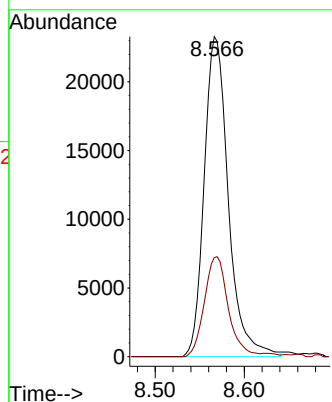
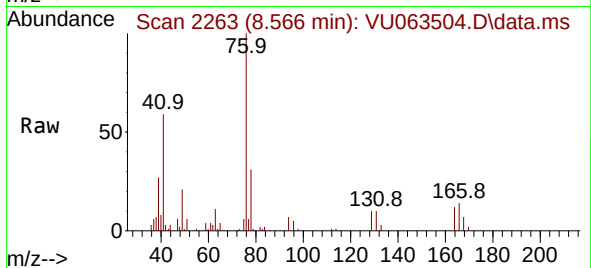
VU0714WBSD01

Tgt Ion: 76 Resp: 43823

Ion Ratio Lower Upper

76 100

78 30.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 103.325 ug/l

RT: 7.463 min Scan# 1920

Delta R.T. 0.003 min

Lab File: VU063504.D

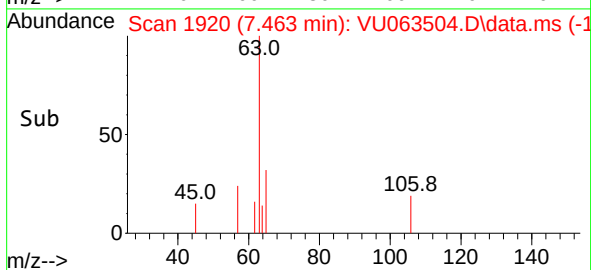
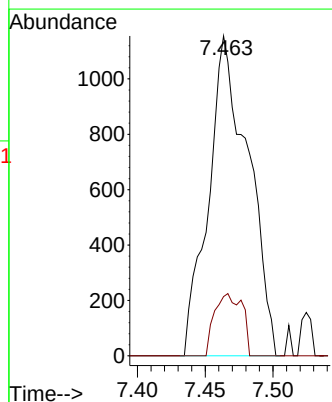
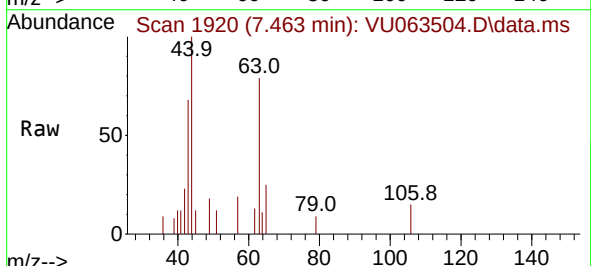
Acq: 14 Jul 2025 12:18

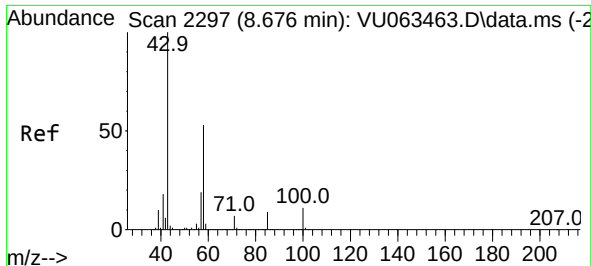
Tgt Ion: 63 Resp: 2355

Ion Ratio Lower Upper

63 100

106 13.5 11.5 17.3

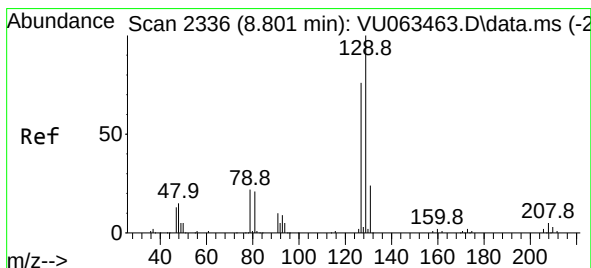
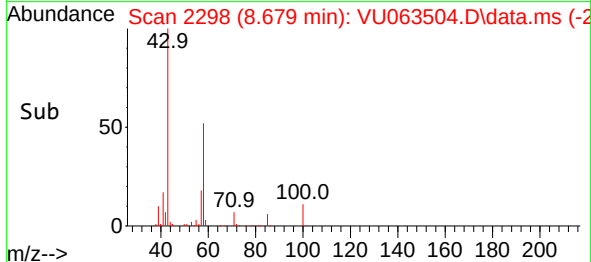
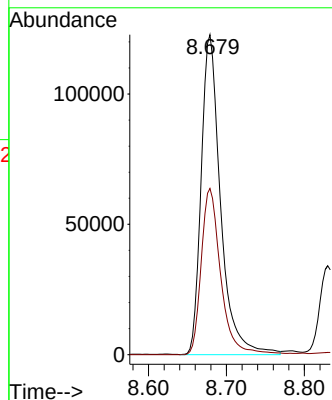
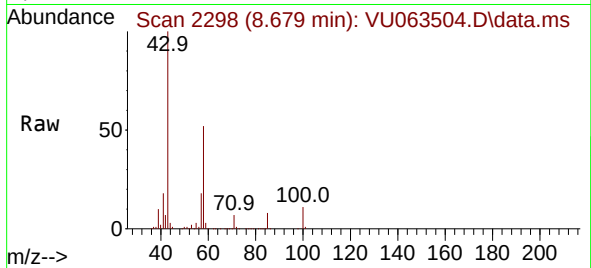




#59
2-Hexanone
Concen: 114.861 ug/l
RT: 8.679 min Scan# 212161
Delta R.T. 0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

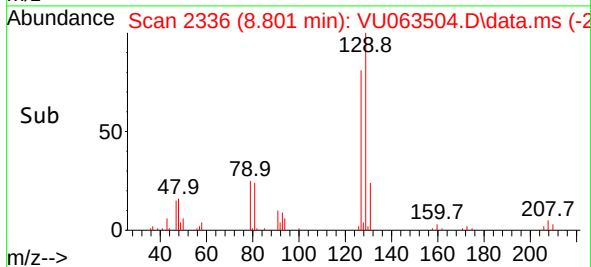
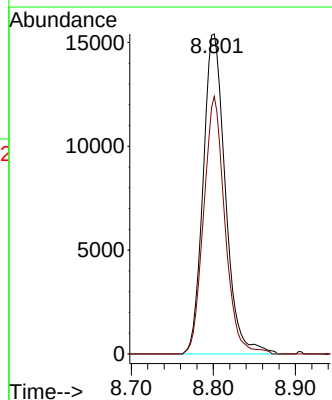
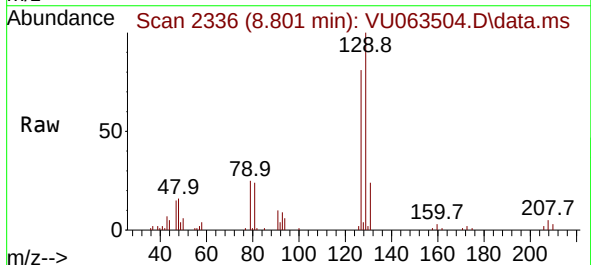
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

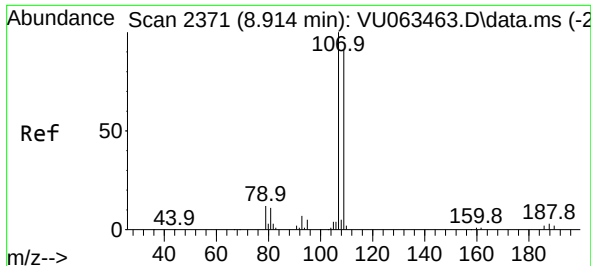
Tgt Ion: 43 Resp: 212161
Ion Ratio Lower Upper
43 100
58 52.3 26.9 80.7



#60
Dibromochloromethane
Concen: 18.987 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion: 129 Resp: 28942
Ion Ratio Lower Upper
129 100
127 77.0 39.1 117.2

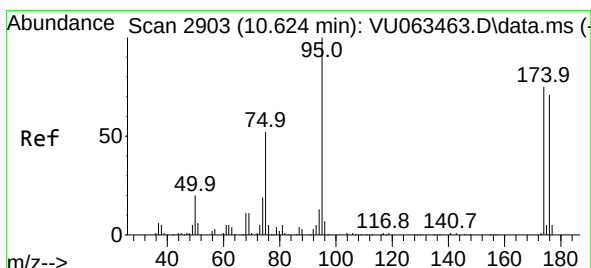
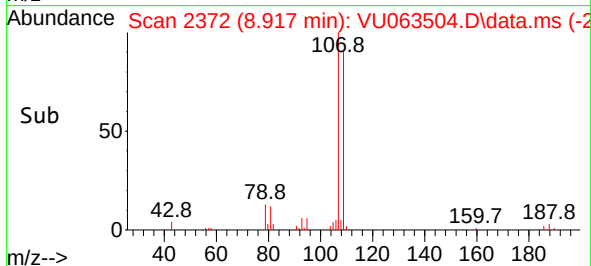
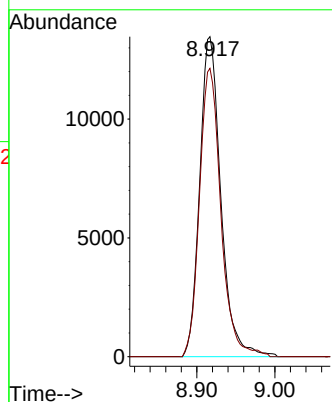
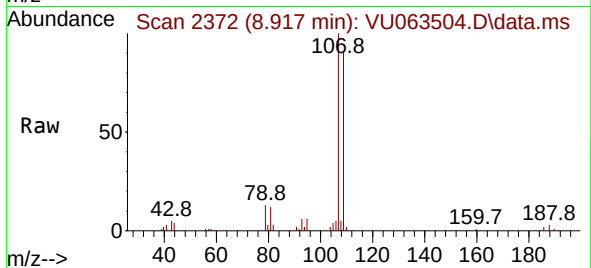




#61
1,2-Dibromoethane
Concen: 19.049 ug/l
RT: 8.917 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

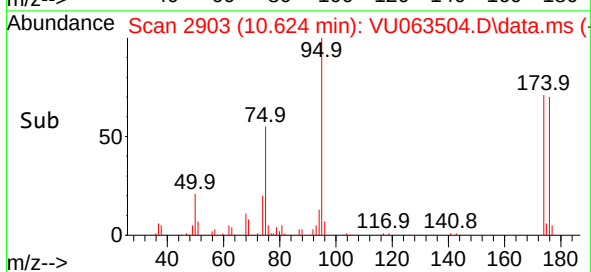
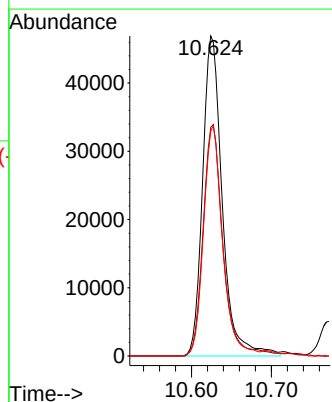
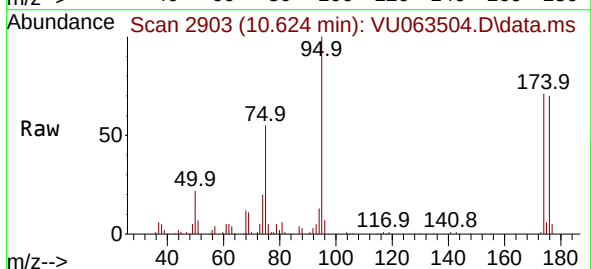
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

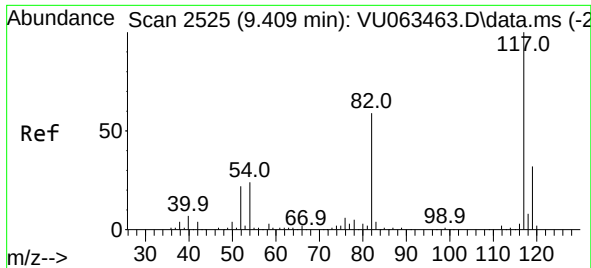
Tgt Ion:107 Resp: 25440
Ion Ratio Lower Upper
107 100
109 91.2 73.7 110.5



#62
4-Bromofluorobenzene
Concen: 48.872 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion: 95 Resp: 80436
Ion Ratio Lower Upper
95 100
174 73.0 0.0 153.6
176 69.8 0.0 145.8

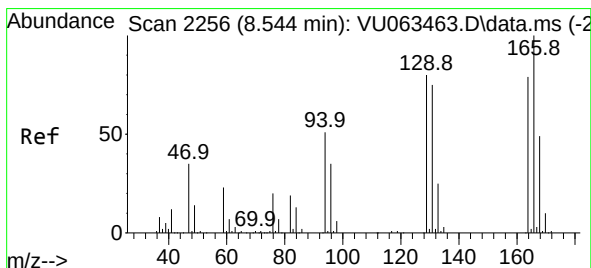
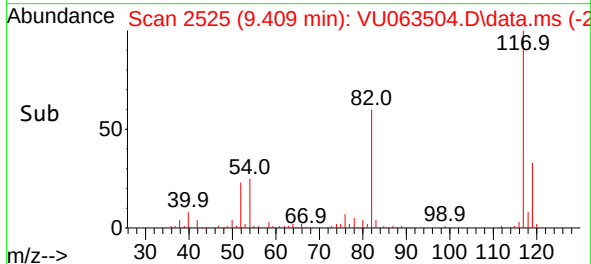
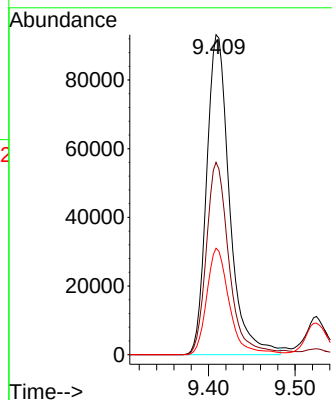
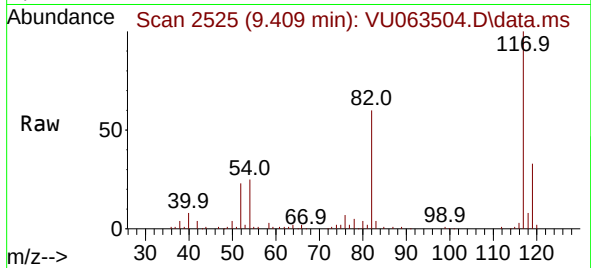




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

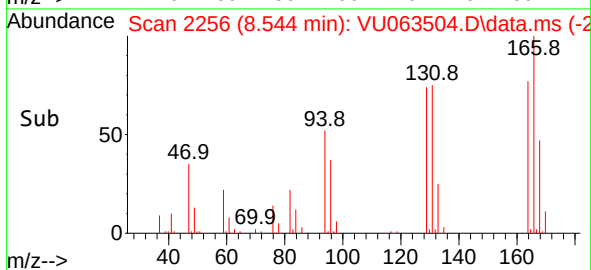
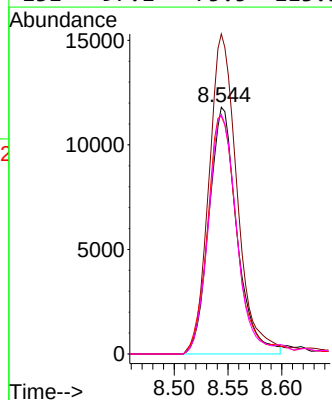
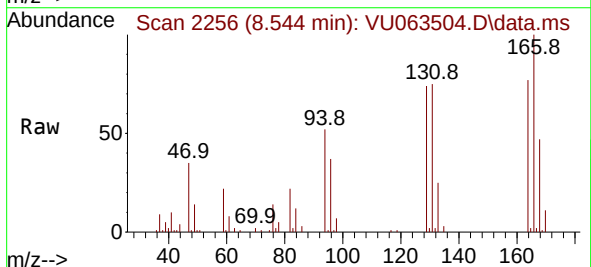
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

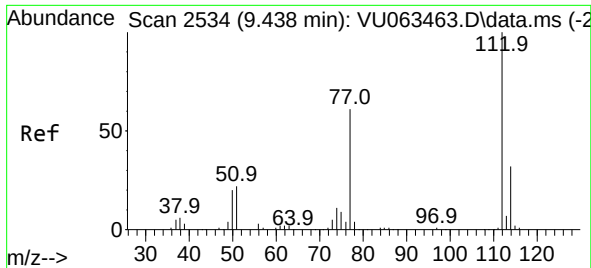
Tgt Ion:117 Resp: 171273
Ion Ratio Lower Upper
117 100
82 60.1 47.1 70.7
119 33.3 25.4 38.0



#64
Tetrachloroethene
Concen: 16.743 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion:164 Resp: 21348
Ion Ratio Lower Upper
164 100
166 129.7 100.9 151.3
129 96.4 80.9 121.3
131 97.1 75.5 113.3

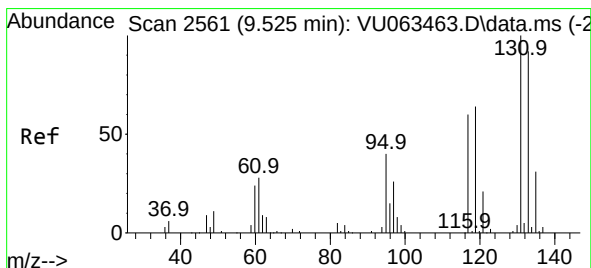
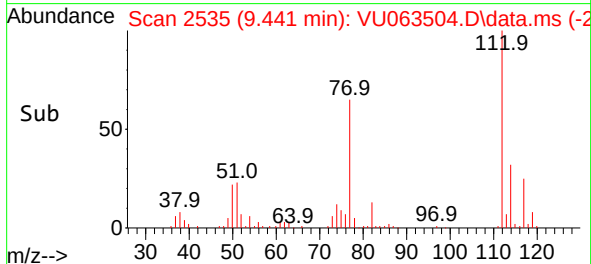
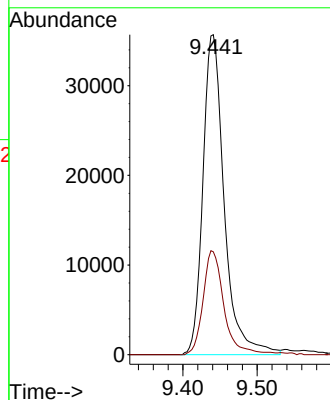
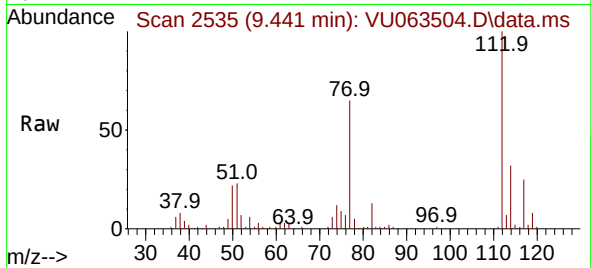




#65
Chlorobenzene
Concen: 19.950 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

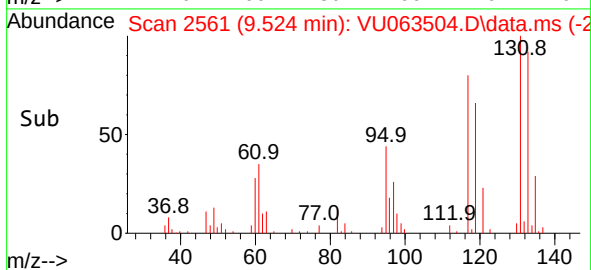
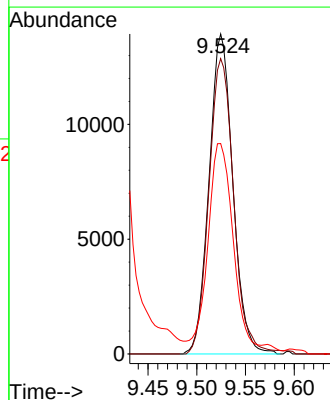
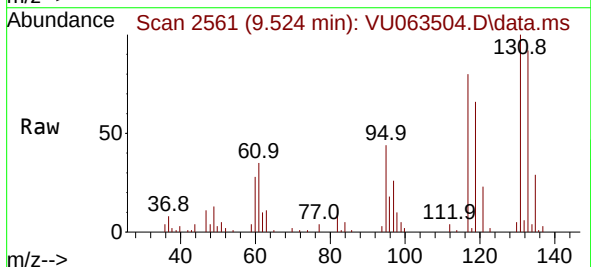
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

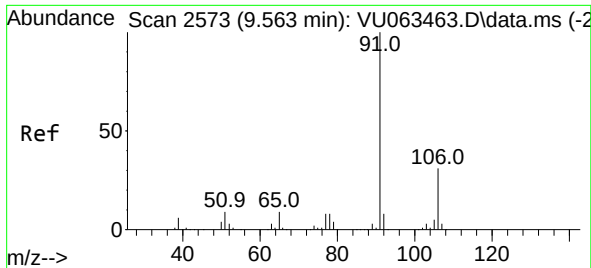
Tgt Ion:112 Resp: 71088
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.390 ug/l
RT: 9.524 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion:131 Resp: 23695
Ion Ratio Lower Upper
131 100
133 96.3 46.4 139.2
119 64.7 33.3 99.9

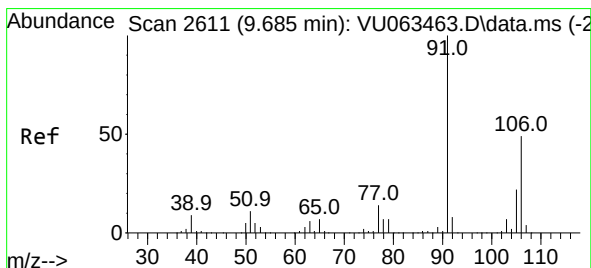
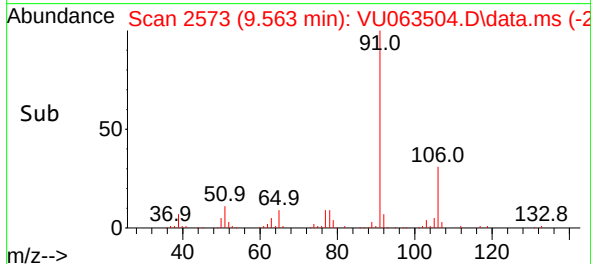
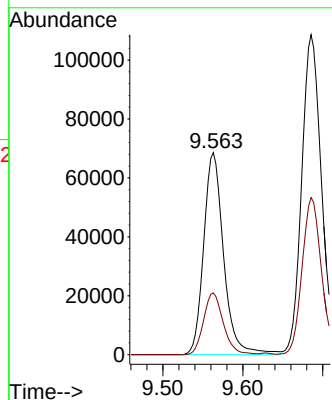
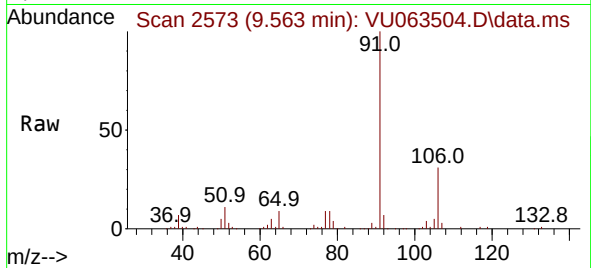




#67
Ethyl Benzene
Concen: 19.500 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

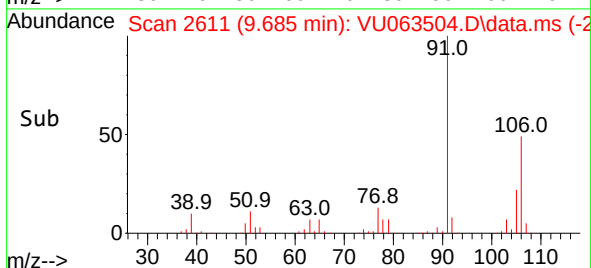
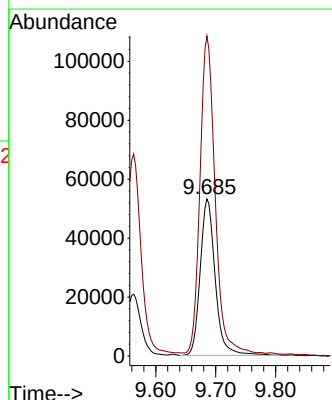
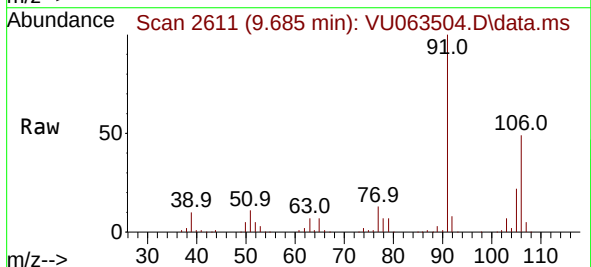
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

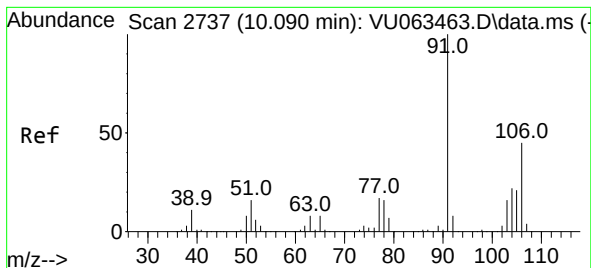
Tgt Ion: 91 Resp: 119423
Ion Ratio Lower Upper
91 100
106 30.6 24.5 36.7



#68
m/p-Xylenes
Concen: 39.678 ug/l
RT: 9.685 min Scan# 2611
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion:106 Resp: 92740
Ion Ratio Lower Upper
106 100
91 202.9 163.6 245.4





#69

o-Xylene

Concen: 18.710 ug/l

RT: 10.094 min Scan# 2737

Delta R.T. 0.003 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

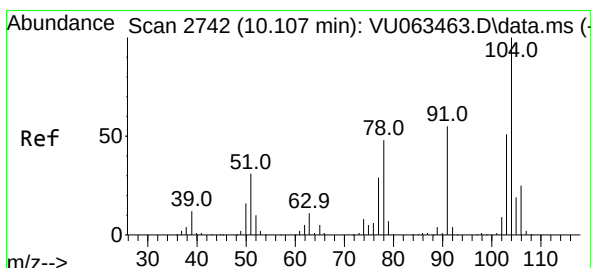
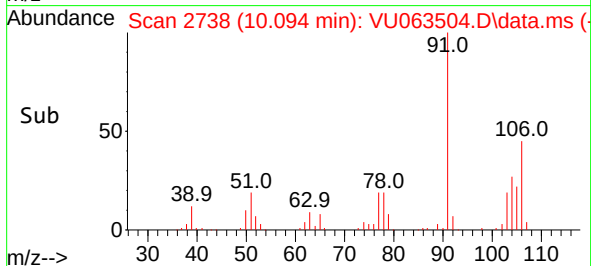
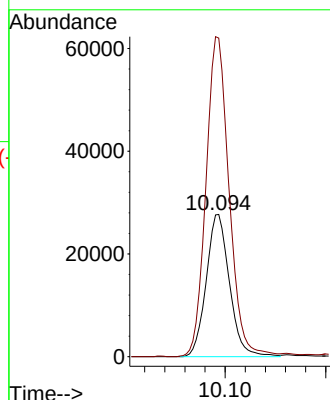
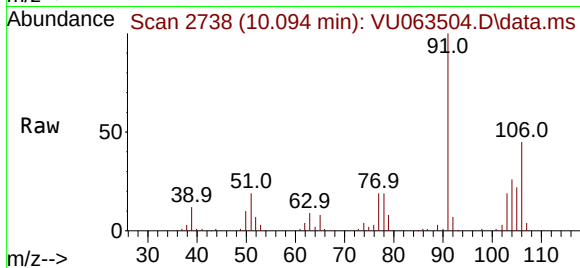
VU0714WBSD01

Tgt Ion:106 Resp: 44460

Ion Ratio Lower Upper

106 100

91 223.9 110.7 331.9



#70

Styrene

Concen: 19.395 ug/l

RT: 10.106 min Scan# 2742

Delta R.T. -0.000 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

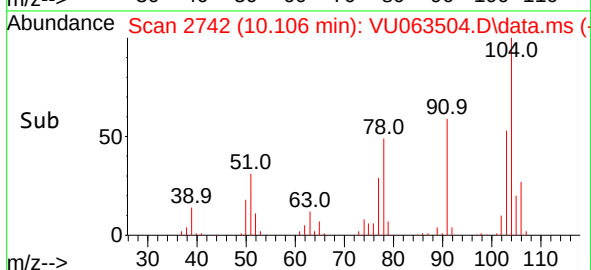
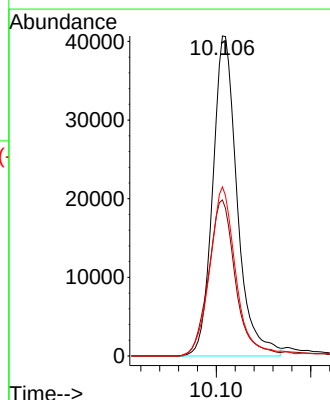
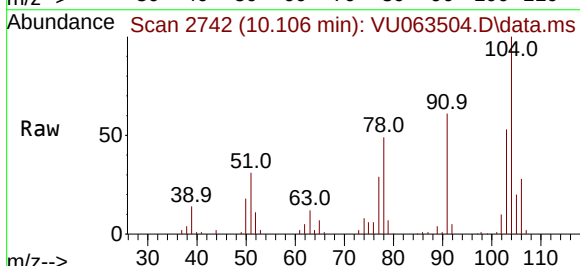
Tgt Ion:104 Resp: 73282

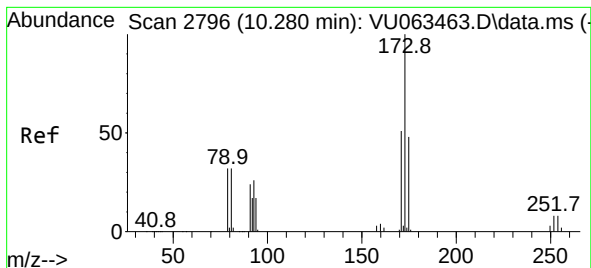
Ion Ratio Lower Upper

104 100

78 53.4 41.4 62.0

103 56.3 44.3 66.5





#71

Bromoform

Concen: 18.107 ug/l

RT: 10.283 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBSD01

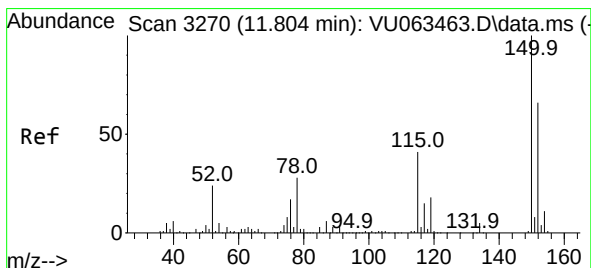
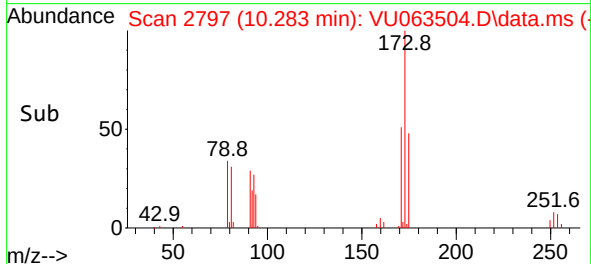
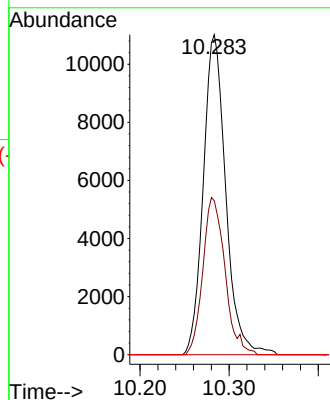
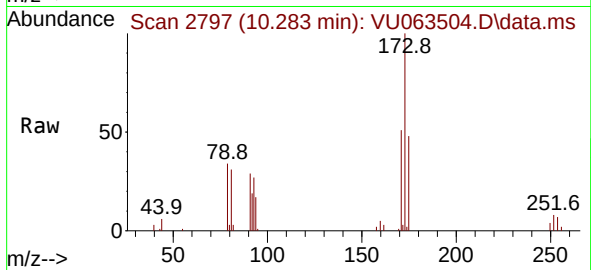
Tgt Ion:173 Resp: 19287

Ion Ratio Lower Upper

173 100

175 48.3 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: VU063504.D

Acq: 14 Jul 2025 12:18

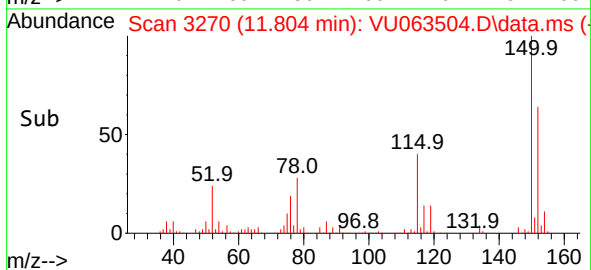
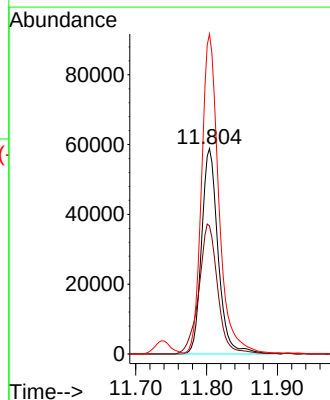
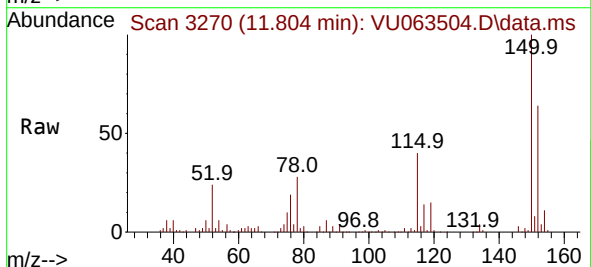
Tgt Ion:152 Resp: 95239

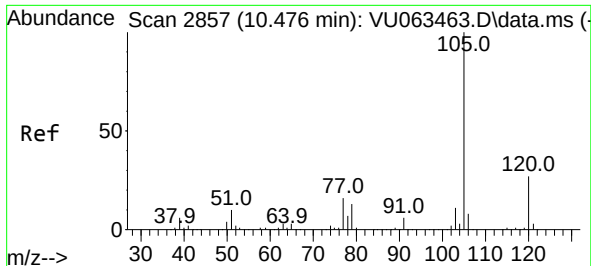
Ion Ratio Lower Upper

152 100

115 71.8 43.4 130.2

150 161.1 0.0 341.4

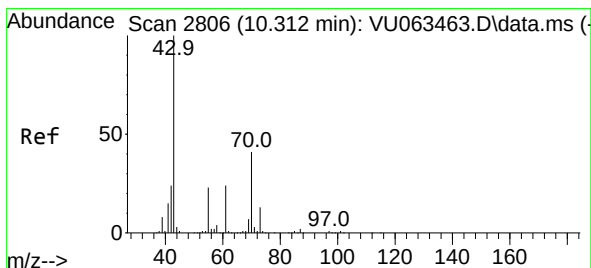
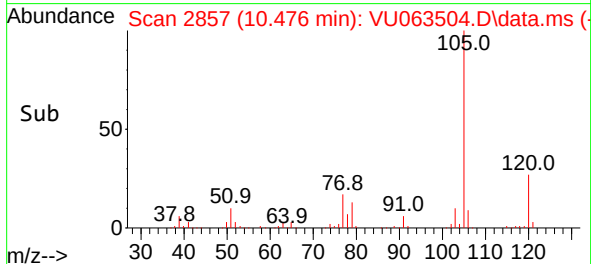
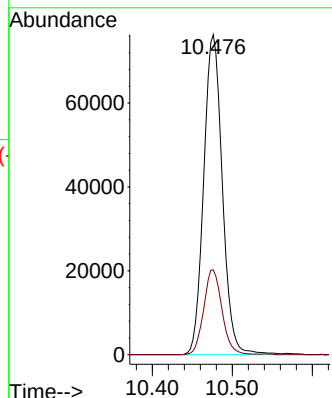
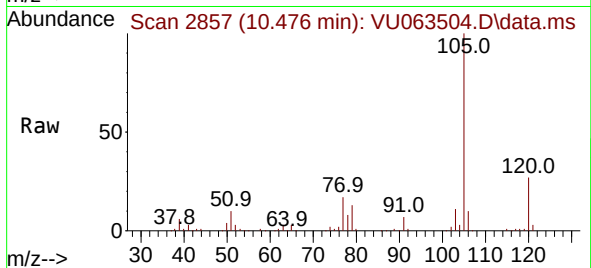




#73
Isopropylbenzene
Concen: 19.140 ug/l
RT: 10.476 min Scan# 2857
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

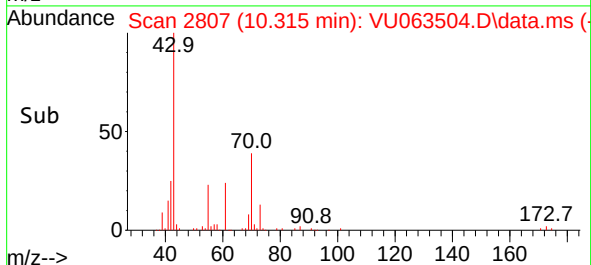
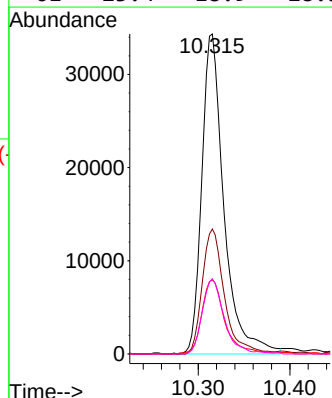
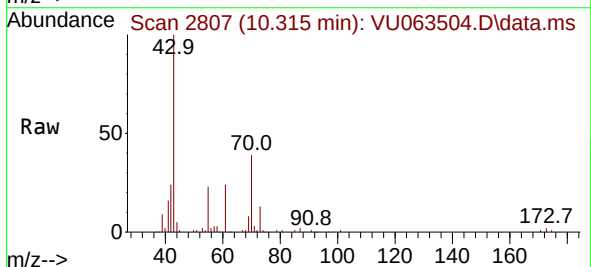
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

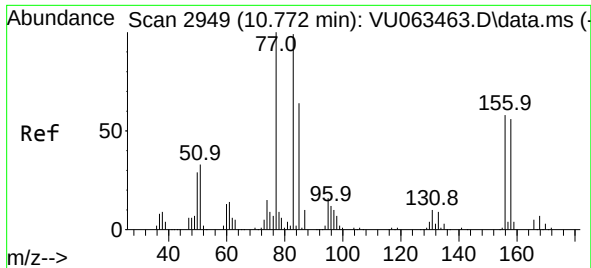
Tgt Ion:105 Resp: 124035
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.1



#74
N-ethyl acetate
Concen: 19.815 ug/l
RT: 10.315 min Scan# 2807
Delta R.T. 0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion: 43 Resp: 57584
Ion Ratio Lower Upper
43 100
70 39.1 32.6 48.8
55 24.4 18.6 27.8
61 23.4 18.9 28.3

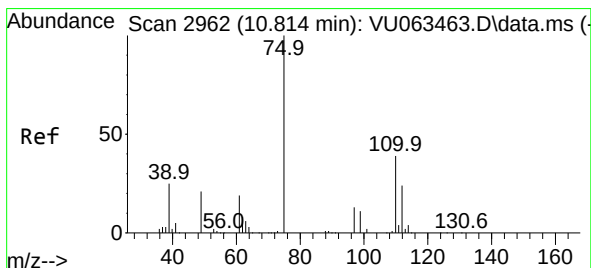
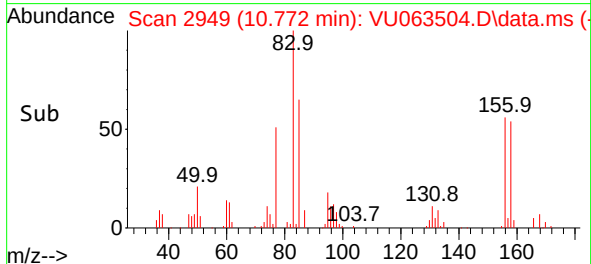
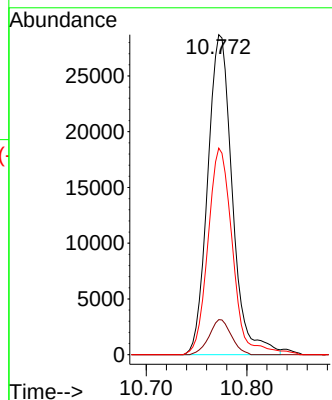
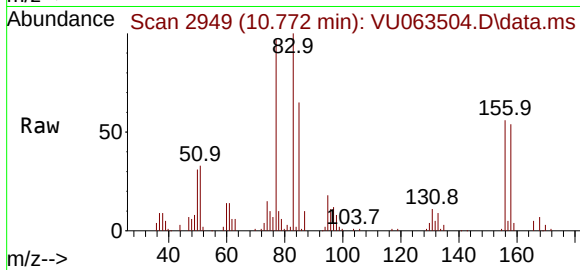




#75
 1,1,2,2-Tetrachloroethane
 Concen: 20.485 ug/l
 RT: 10.772 min Scan# 2949
 Delta R.T. -0.000 min
 Lab File: VU063504.D
 Acq: 14 Jul 2025 12:18

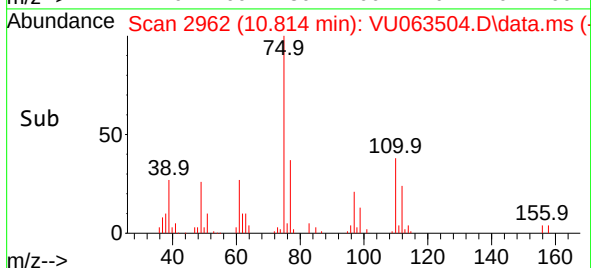
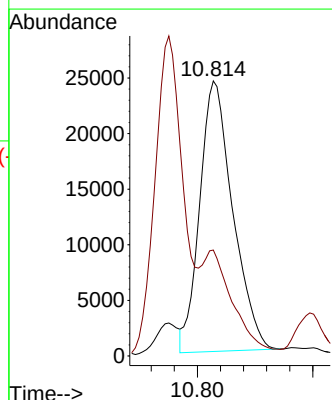
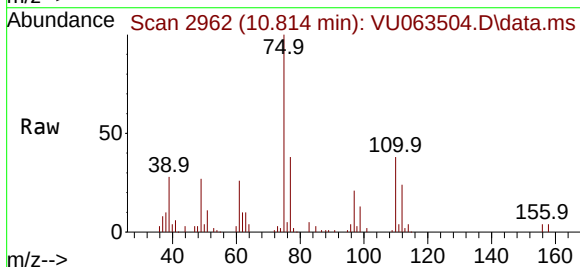
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0714WBSD01

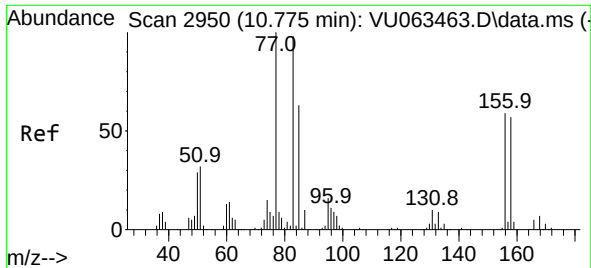
Tgt Ion: 83 Resp: 48865
 Ion Ratio Lower Upper
 83 100
 131 9.8 4.8 14.3
 85 64.4 32.3 96.8



#76
 1,2,3-Trichloropropane
 Concen: 19.162 ug/l
 RT: 10.814 min Scan# 2962
 Delta R.T. -0.000 min
 Lab File: VU063504.D
 Acq: 14 Jul 2025 12:18

Tgt Ion: 75 Resp: 48358
 Ion Ratio Lower Upper
 75 100
 77 0.0 3.1 9.4#

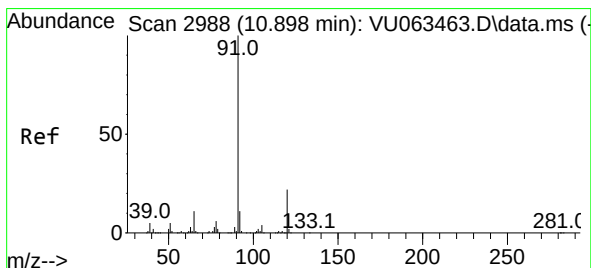
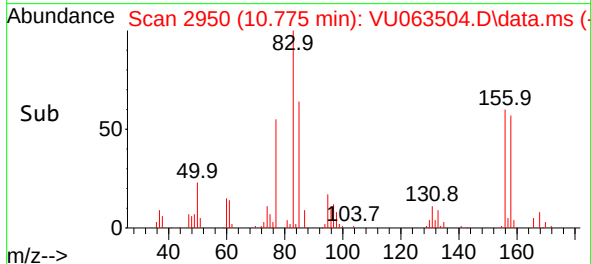
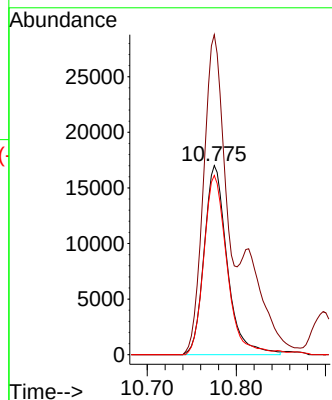
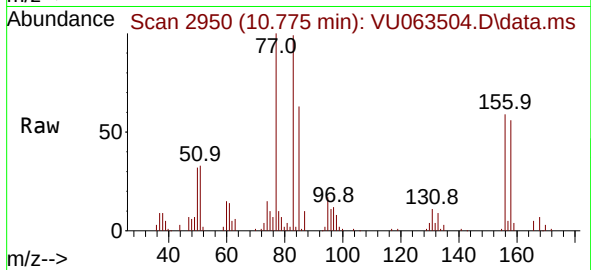




#77
Bromobenzene
Concen: 19.256 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

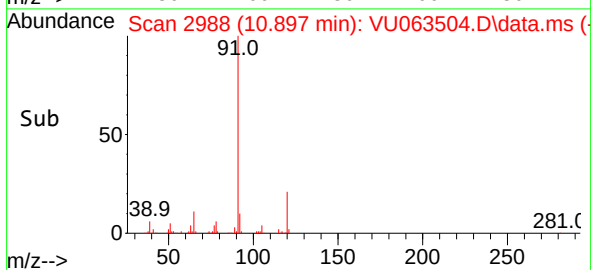
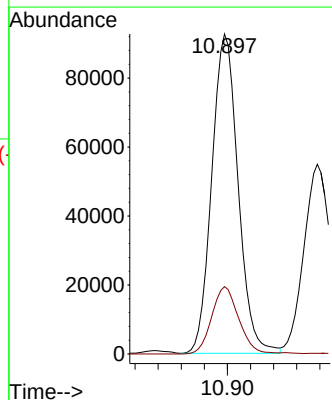
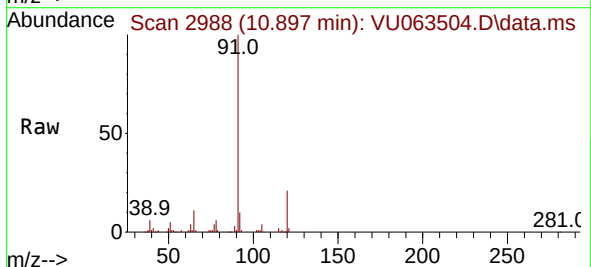
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

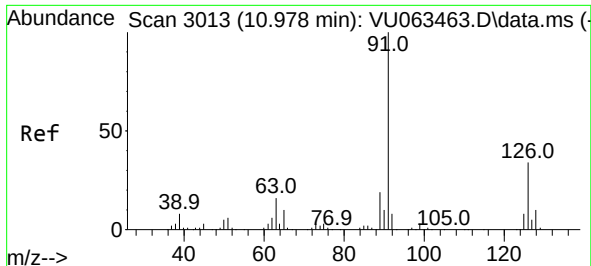
Tgt Ion:156 Resp: 30588
Ion Ratio Lower Upper
156 100
77 162.4 78.2 234.6
158 94.9 46.8 140.4



#78
n-propylbenzene
Concen: 19.508 ug/l
RT: 10.897 min Scan# 2988
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion: 91 Resp: 146614
Ion Ratio Lower Upper
91 100
120 21.5 11.5 34.4

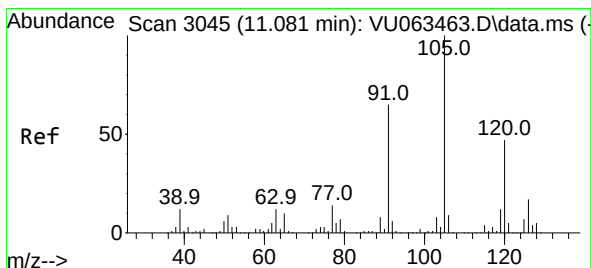
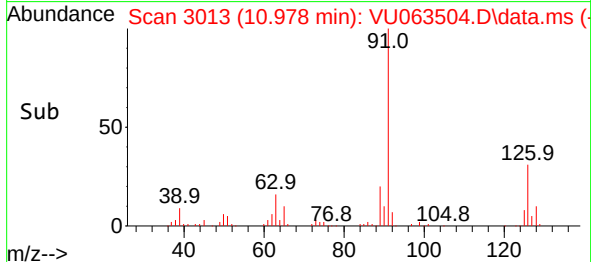
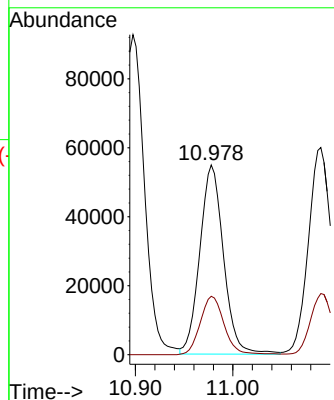
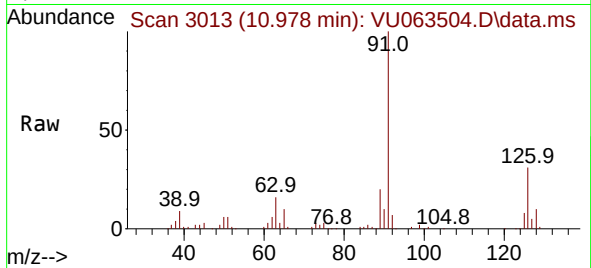




#79
2-Chlorotoluene
Concen: 19.686 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

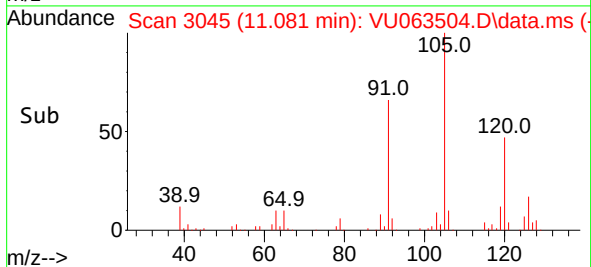
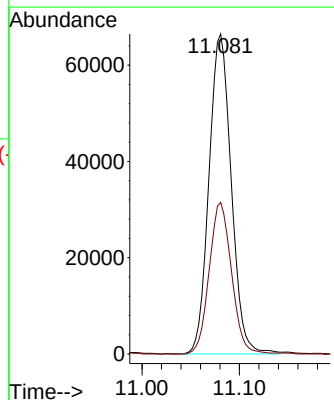
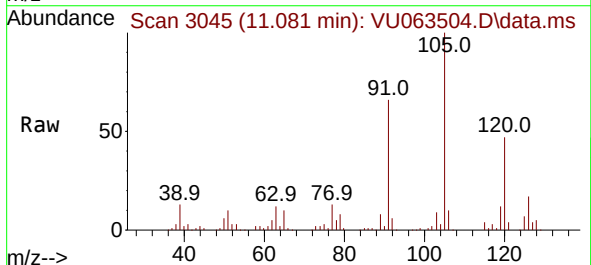
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

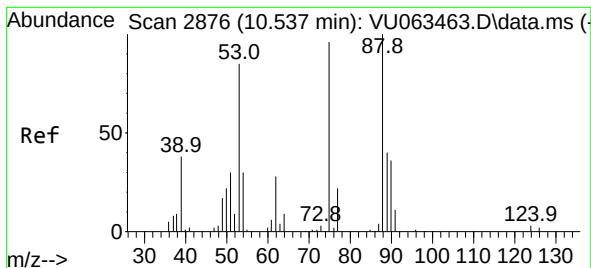
Tgt Ion: 91 Resp: 92789
Ion Ratio Lower Upper
91 100
126 31.3 15.9 47.7



#80
1,3,5-Trimethylbenzene
Concen: 18.627 ug/l
RT: 11.081 min Scan# 3045
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion:105 Resp: 105578
Ion Ratio Lower Upper
105 100
120 47.4 23.4 70.2

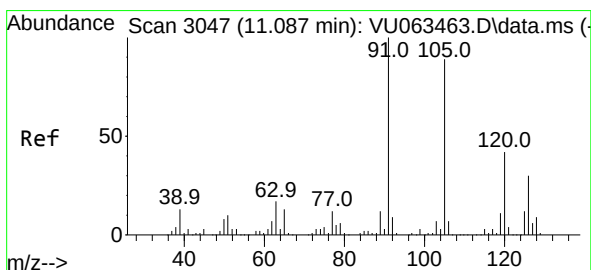
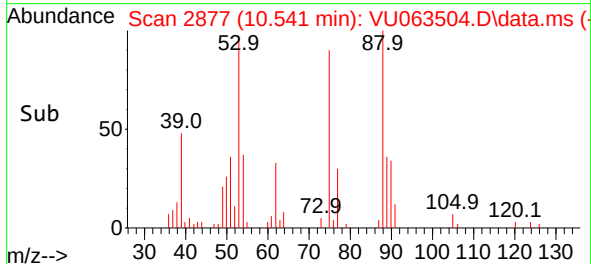
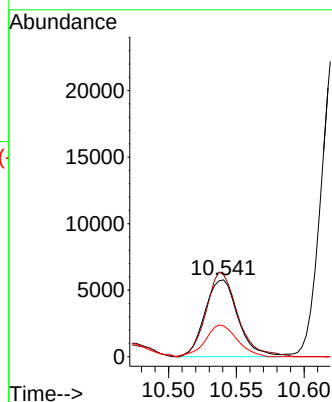
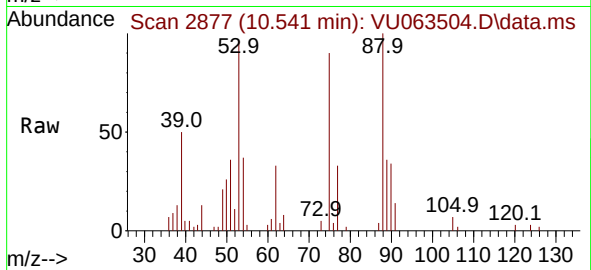




#81
trans-1,4-Dichloro-2-butene
Concen: 19.354 ug/l
RT: 10.541 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

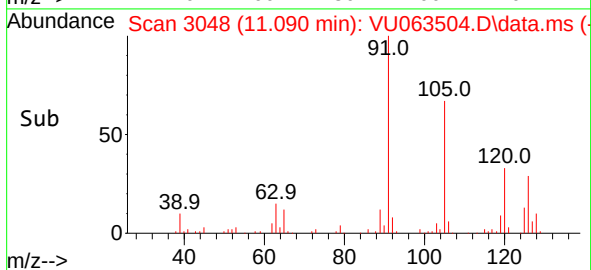
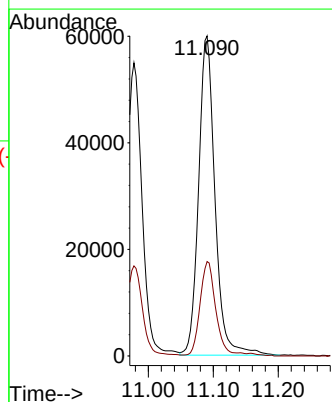
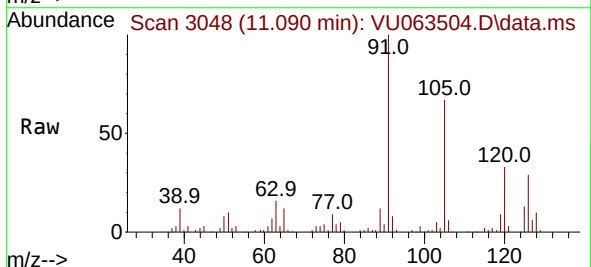
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

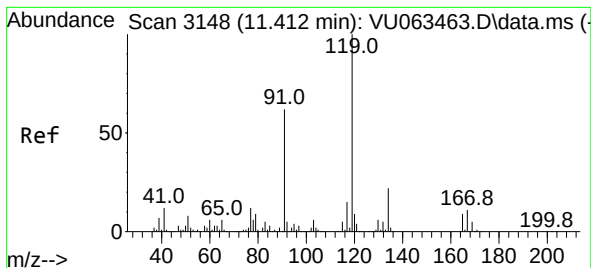
Tgt Ion: 75 Resp: 9793
Ion Ratio Lower Upper
75 100
53 104.9 74.6 111.8
89 39.7 36.3 54.5



#82
4-Chlorotoluene
Concen: 19.717 ug/l
RT: 11.090 min Scan# 3048
Delta R.T. 0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion: 91 Resp: 105508
Ion Ratio Lower Upper
91 100
126 27.6 14.4 43.2





#83

tert-Butylbenzene

Concen: 19.617 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. -0.000 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBSD01

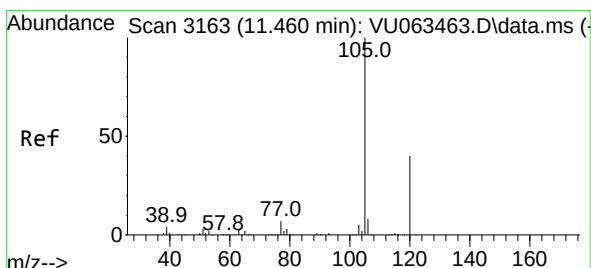
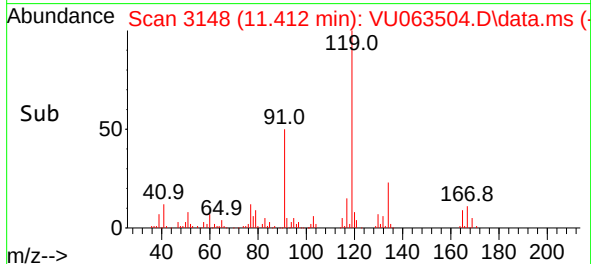
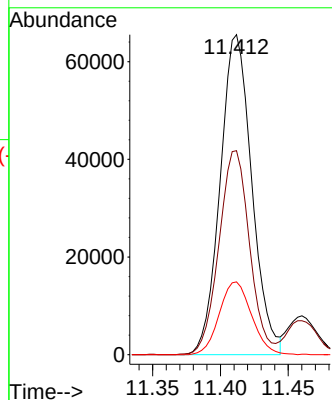
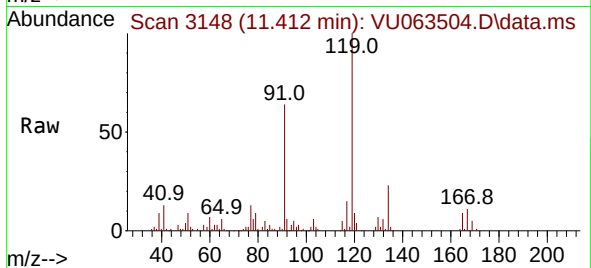
Tgt Ion:119 Resp: 106632

Ion Ratio Lower Upper

119 100

91 61.8 30.3 91.0

134 23.2 11.2 33.6



#84

1,2,4-Trimethylbenzene

Concen: 18.900 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. -0.000 min

Lab File: VU063504.D

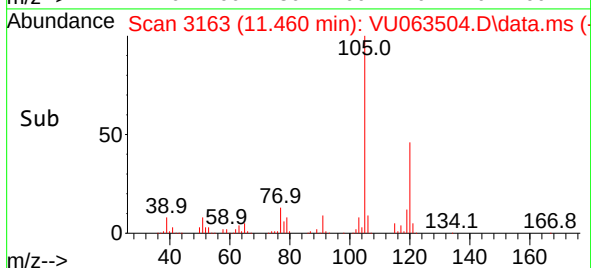
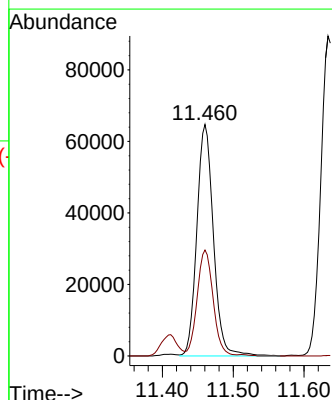
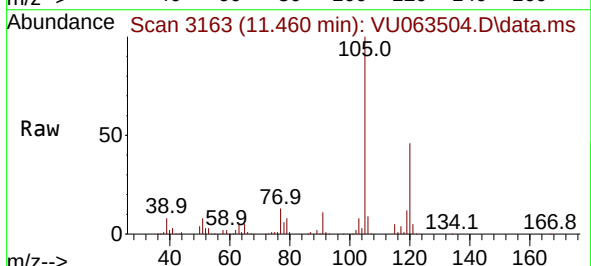
Acq: 14 Jul 2025 12:18

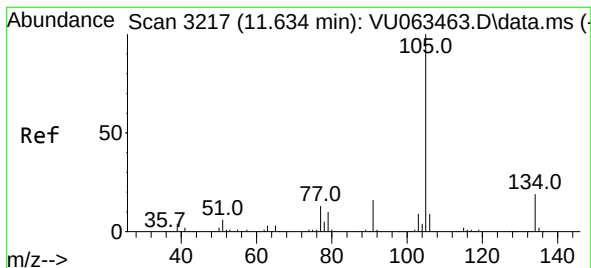
Tgt Ion:105 Resp: 105198

Ion Ratio Lower Upper

105 100

120 43.2 22.1 66.3

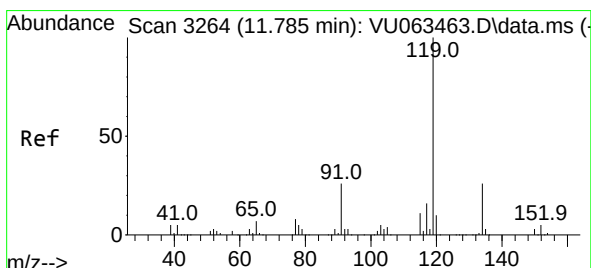
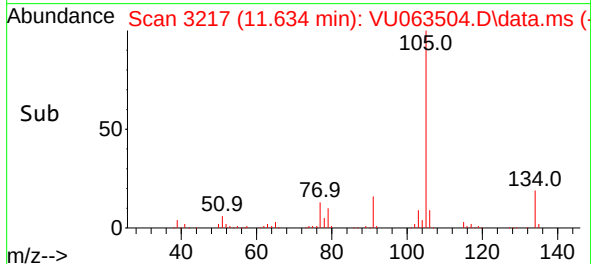
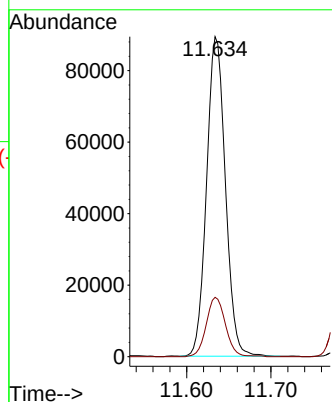
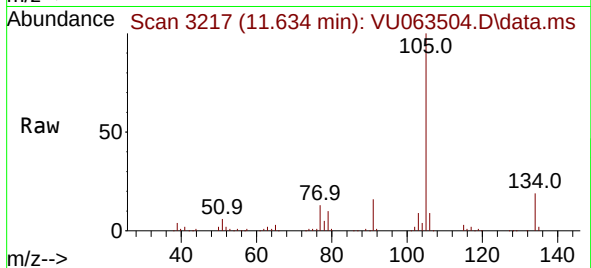




#85
sec-Butylbenzene
Concen: 19.345 ug/l
RT: 11.634 min Scan# 3217
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

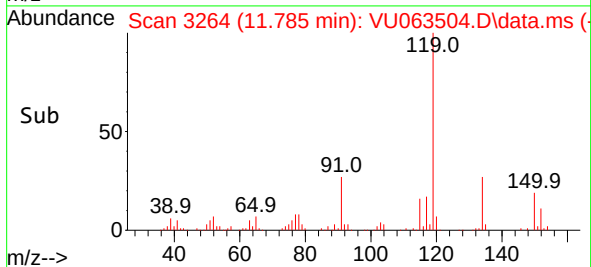
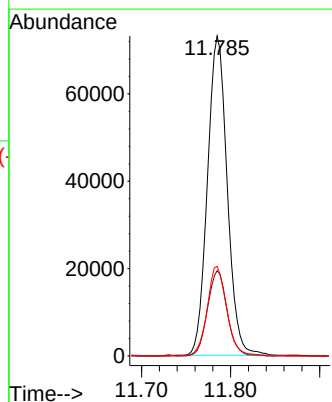
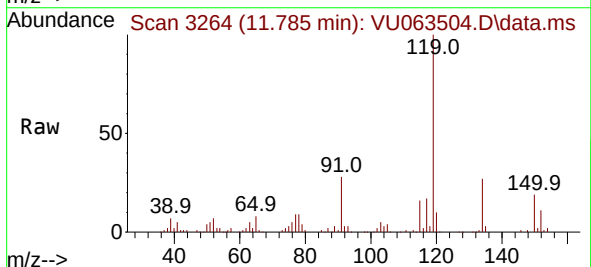
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

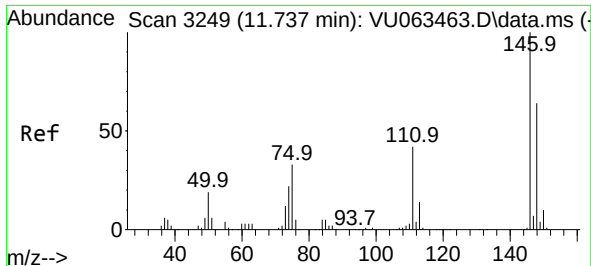
Tgt Ion:105 Resp: 138753
Ion Ratio Lower Upper
105 100
134 19.1 9.7 29.1



#86
p-Isopropyltoluene
Concen: 19.326 ug/l
RT: 11.785 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion:119 Resp: 112458
Ion Ratio Lower Upper
119 100
134 26.5 13.0 38.9
91 27.8 13.0 38.9





#87

1,3-Dichlorobenzene

Concen: 19.308 ug/l

RT: 11.737 min Scan# 3249

Delta R.T. -0.000 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBSD01

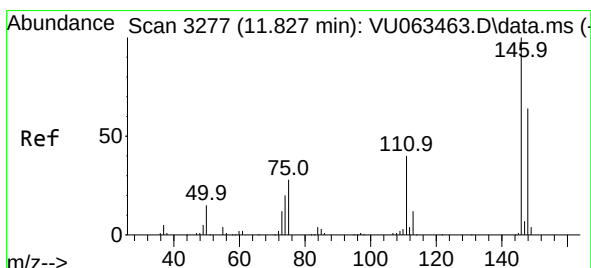
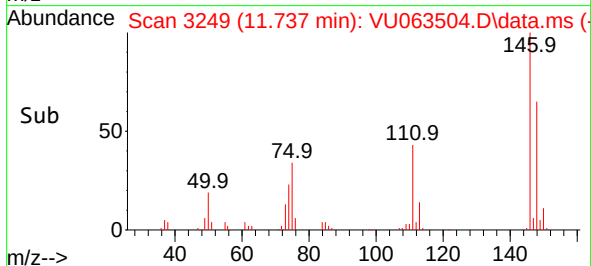
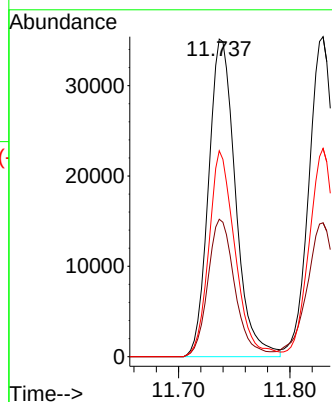
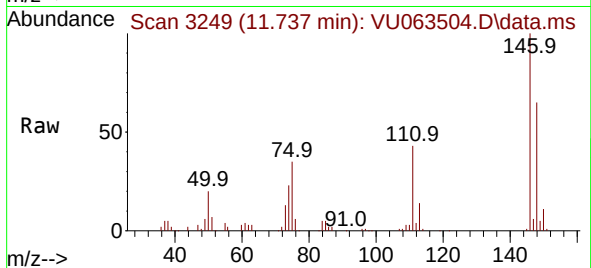
Tgt Ion:146 Resp: 59102

Ion Ratio Lower Upper

146 100

111 43.5 20.9 62.7

148 63.2 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 19.409 ug/l

RT: 11.830 min Scan# 3278

Delta R.T. 0.003 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

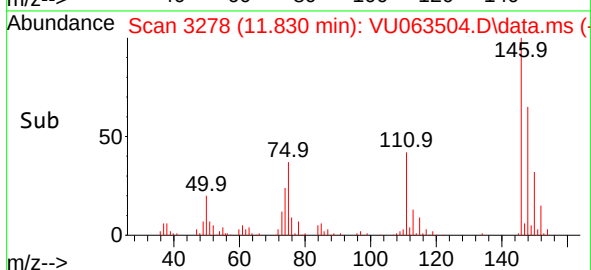
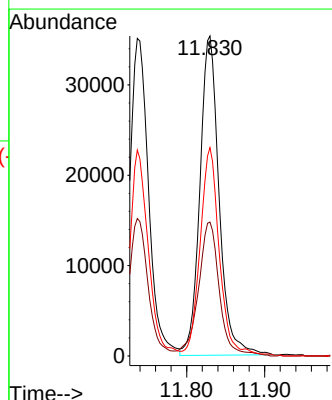
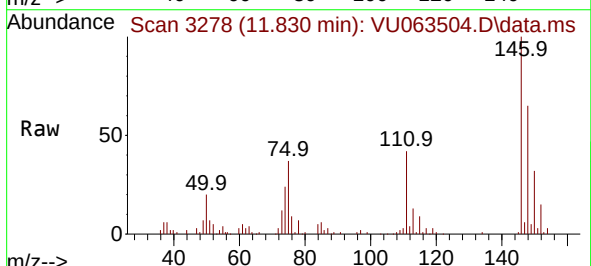
Tgt Ion:146 Resp: 60574

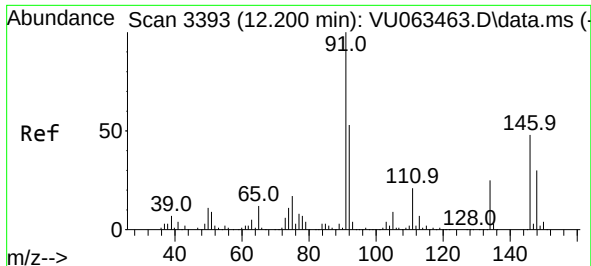
Ion Ratio Lower Upper

146 100

111 45.7 20.8 62.4

148 66.0 31.9 95.9





#89

n-Butylbenzene

Concen: 19.334 ug/l

RT: 12.200 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBSD01

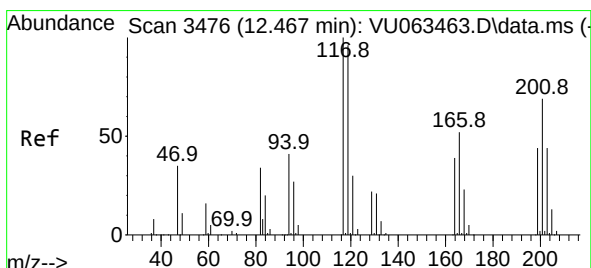
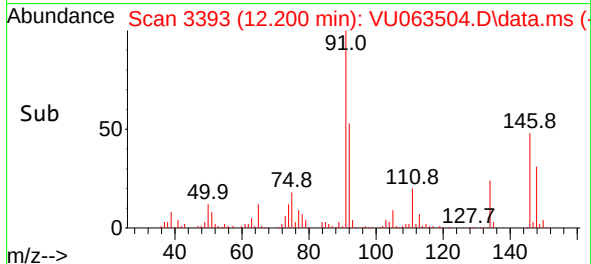
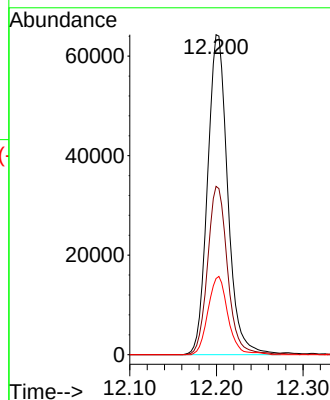
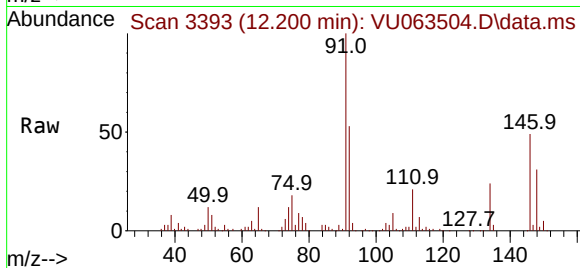
Tgt Ion: 91 Resp: 104128

Ion Ratio Lower Upper

91 100

92 52.0 26.4 79.2

134 24.2 12.4 37.0



#90

Hexachloroethane

Concen: 18.284 ug/l

RT: 12.466 min Scan# 3476

Delta R.T. -0.000 min

Lab File: VU063504.D

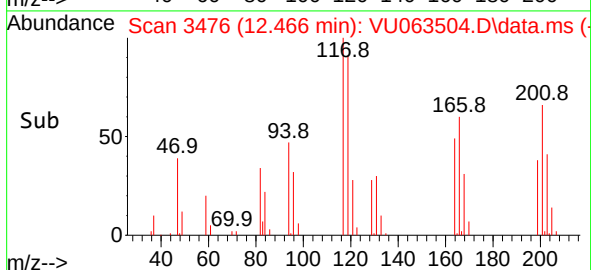
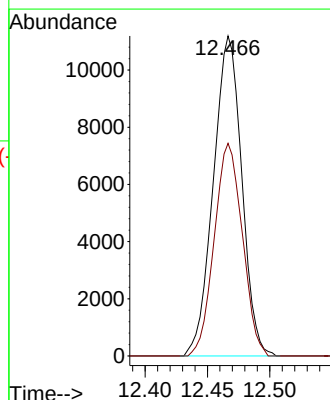
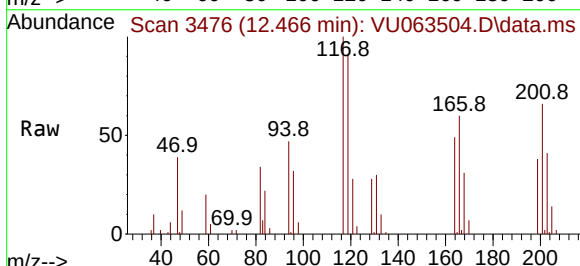
Acq: 14 Jul 2025 12:18

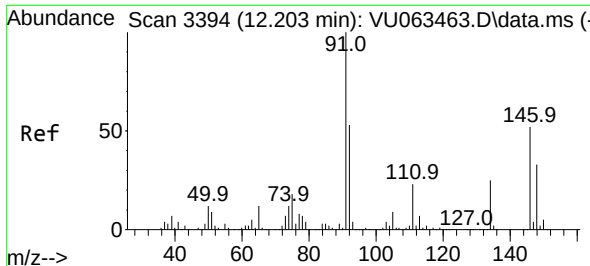
Tgt Ion: 117 Resp: 17795

Ion Ratio Lower Upper

117 100

201 65.6 34.4 103.2





#91

1,2-Dichlorobenzene

Concen: 20.061 ug/l

RT: 12.206 min Scan# 3394

Delta R.T. 0.003 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBSD01

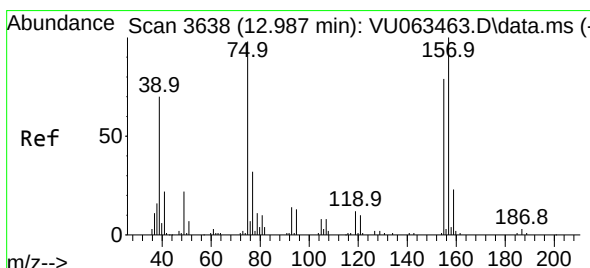
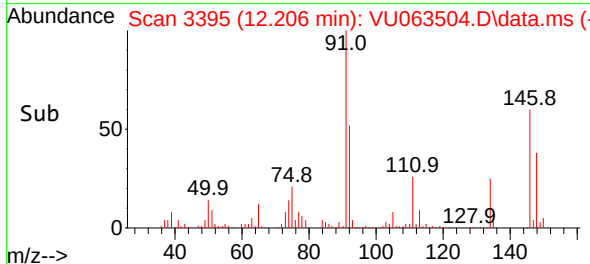
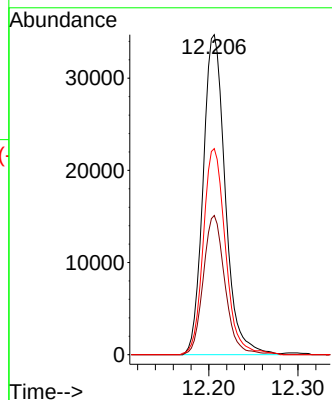
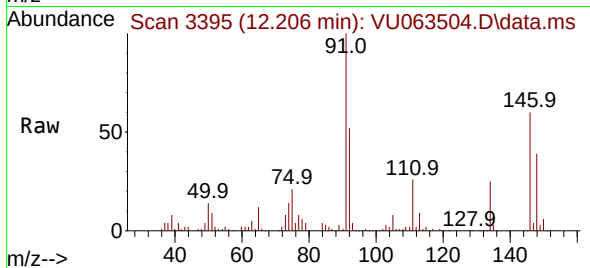
Tgt Ion:146 Resp: 59880

Ion Ratio Lower Upper

146 100

111 42.8 21.9 65.5

148 64.8 31.6 95.0



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.071 ug/l

RT: 12.987 min Scan# 3638

Delta R.T. -0.000 min

Lab File: VU063504.D

Acq: 14 Jul 2025 12:18

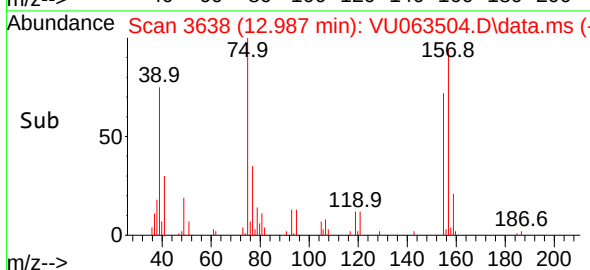
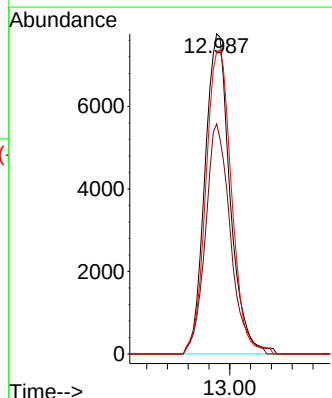
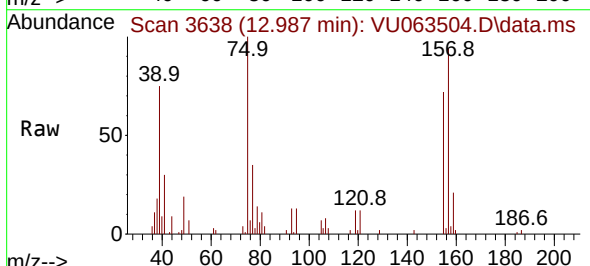
Tgt Ion: 75 Resp: 13034

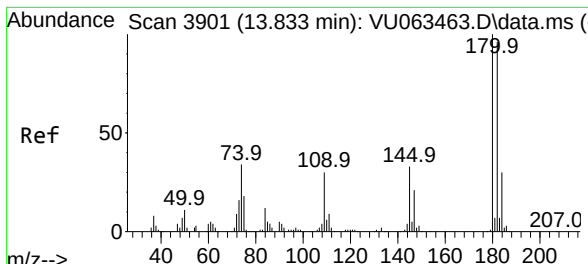
Ion Ratio Lower Upper

75 100

155 71.3 39.1 117.5

157 97.3 49.4 148.2

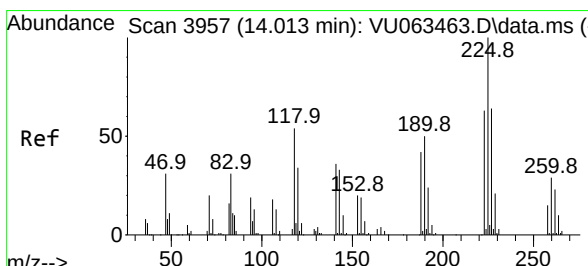
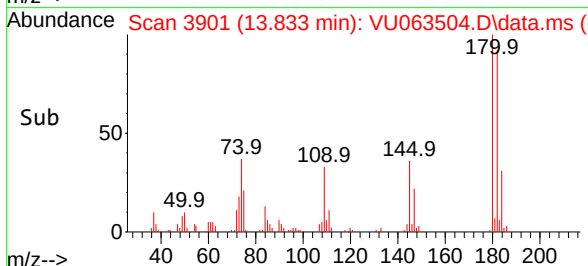
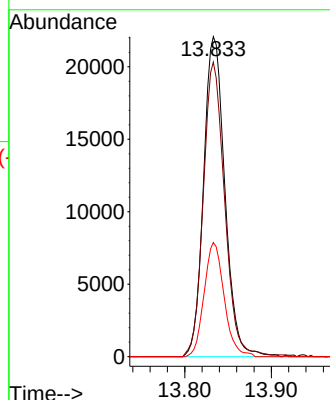
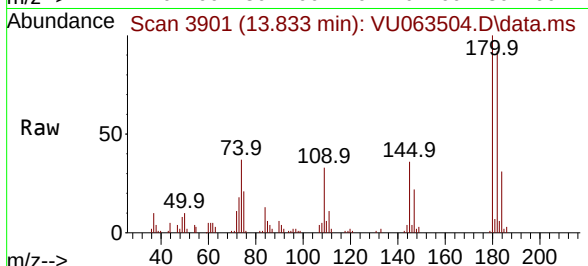




#93
1,2,4-Trichlorobenzene
Concen: 19.710 ug/l
RT: 13.833 min Scan# 3901
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

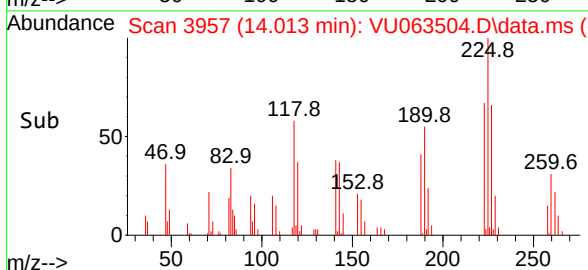
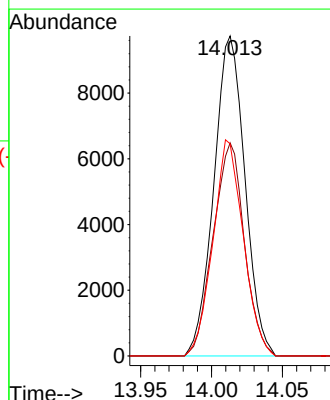
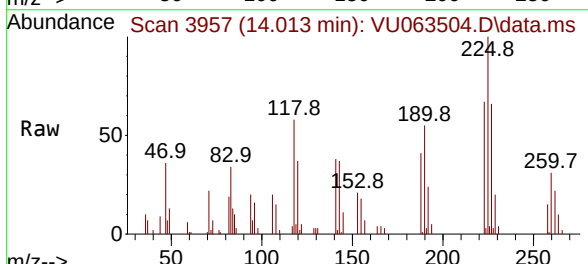
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

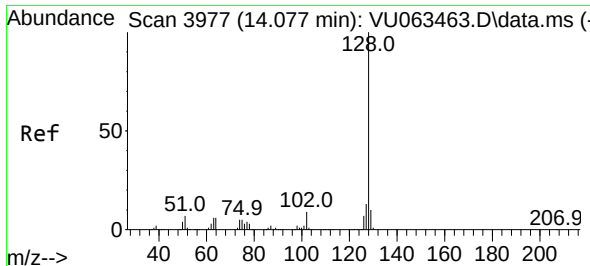
Tgt Ion:180 Resp: 37678
Ion Ratio Lower Upper
180 100
182 92.2 47.7 143.1
145 33.6 16.6 49.7



#94
Hexachlorobutadiene
Concen: 18.188 ug/l
RT: 14.013 min Scan# 3957
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion:225 Resp: 14862
Ion Ratio Lower Upper
225 100
223 66.9 32.4 97.0
227 65.9 32.3 96.9

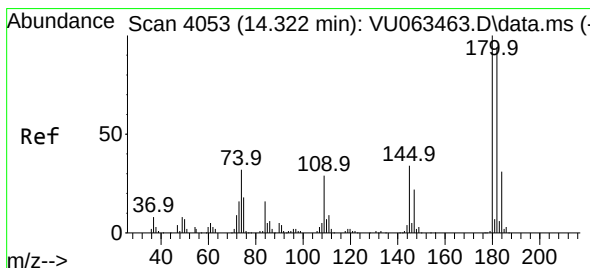
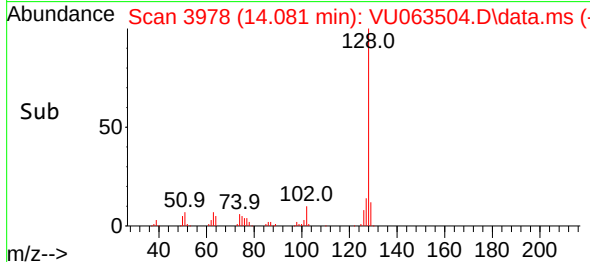
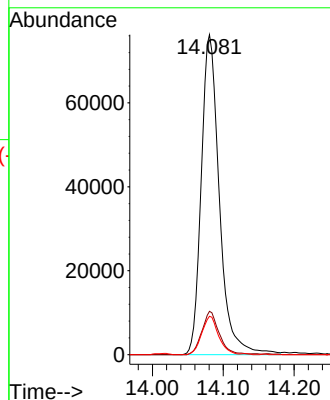
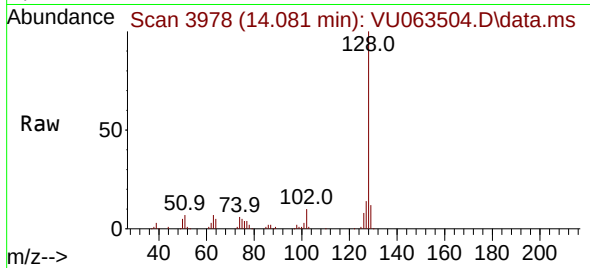




#95
Naphthalene
Concen: 21.643 ug/l
RT: 14.081 min Scan# 3977
Delta R.T. 0.003 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Instrument :
MSVOA_U
ClientSampleId :
VU0714WBSD01

Tgt Ion:	128	Resp:	135492
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.2	15.4
129	11.1	8.6	12.8



#96
1,2,3-Trichlorobenzene
Concen: 19.612 ug/l
RT: 14.322 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VU063504.D
Acq: 14 Jul 2025 12:18

Tgt Ion:	180	Resp:	36843
Ion Ratio	Lower	Upper	
180	100		
182	93.3	47.8	143.3
145	34.4	17.2	51.5

