

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071725\
 Data File : VU063521.D
 Acq On : 17 Jul 2025 12:43
 Operator : MD/SY
 Sample : VU0717WBS01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0717WBS01

Quant Time: Jul 18 04:10:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.097	96	21864	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.628	95	8236	0.995	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	7166	0.936	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.381	85	12281	1.905	ug/l	98
3) Chloromethane	1.519	50	12925	2.157	ug/l	98
4) Vinyl Chloride	1.599	62	15376	2.015	ug/l	100
5) Bromomethane	1.847	94	13111	2.278	ug/l	94
6) Chloroethane	1.927	64	9342	2.027	ug/l	100
7) Trichlorofluoromethane	2.130	101	22634	2.065	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	11730	2.048	ug/l	99
9) 1,1-Dichloroethene	2.567	96	11724	2.065	ug/l	97
10) Iodomethane	2.708	142	8006	1.773	ug/l	97
11) Allyl Chloride	2.908	41	16576	2.021	ug/l	98
12) Acrylonitrile	3.306	53	5711	4.023	ug/l	98
13) Acetone	2.622	43	14599	12.835	ug/l	98
14) Carbon Disulfide	2.779	76	33865	1.847	ug/l	98
15) Methylene Chloride	3.030	84	15114	2.262	ug/l	97
16) trans-1,2-Dichloroethene	3.335	96	12801	1.986	ug/l	96
17) 1,1-Dichloroethane	3.850	63	24869	2.081	ug/l	99
18) 2-Butanone	4.718	43	19663	11.163	ug/l	95
19) Cyclohexane	5.358	56	20801	2.056	ug/l	99
20) Methylcyclohexane	6.740	83	17274	1.757	ug/l	98
21) 2,2-Dichloropropane	4.641	77	20379	2.003	ug/l	99
22) cis-1,2-Dichloroethene	4.647	96	14565	2.082	ug/l	99
23) Diethyl Ether	2.371	59	9050	2.092	ug/l	96
24) tert-Butyl Alcohol	3.197	59	10601	20.303	ug/l	100
25) Methyl tert-Butyl Ether	3.361	73	31377	2.117	ug/l	99
26) Bromochloromethane	4.956	128	6000	2.054	ug/l	93
27) Chloroform	5.072	83	25113	2.060	ug/l	99
28) 1,1,1-Trichloroethane	5.294	97	20838	2.014	ug/l	99
29) 1,1-Dichloropropene	5.506	75	20417	2.130	ug/l	97
30) Carbon Tetrachloride	5.499	117	16009	1.922	ug/l	95
31) Isopropyl Ether	3.995	45	38467	2.133	ug/l	97
32) Ethyl-t-butyl ether	4.506	59	35330	2.117	ug/l	98
33) Tert-Amyl methyl ether	5.943	73	30771	2.124	ug/l	99
34) Propionitrile	4.782	54	5569	10.376	ug/l	# 92
35) Benzene	5.753	78	55862	2.169	ug/l	94
36) 1,2-Dichloroethane	5.779	62	17638	2.204	ug/l	100
37) Trichloroethene	6.525	130	11954	1.819	ug/l	99
38) 1,2-Dichloropropane	6.779	63	11421	1.895	ug/l	99
39) Methacrylonitrile	4.972	41	4514	1.892	ug/l	95
40) Methyl acrylate	4.850	55	6649	1.907	ug/l	# 97
41) Tetrahydrofuran	5.062	42	5866	4.674	ug/l	90
42) 1-Chlorobutane	5.438	56	26277	2.062	ug/l	96
43) Dibromomethane	6.908	93	5740	1.838	ug/l	96
44) Bromodichloromethane	7.097	83	12690	1.802	ug/l	99

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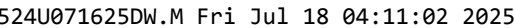
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0717WBS01

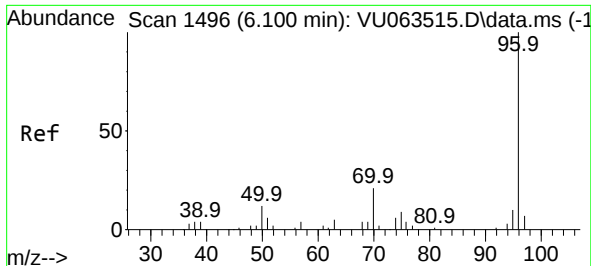
Quant Time: Jul 18 04:10:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071625DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 17 03:49:40 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	31264	9.714	ug/l	99
46) t-1,4-Dichloro-2-butene	10.814	75	10645	8.811	ug/l #	58
47) Methyl methacrylate	6.969	69	9287	3.541	ug/l	92
48) Ethyl methacrylate	8.338	69	9397	1.877	ug/l	96
49) Toluene	7.962	92	26503	1.885	ug/l	97
50) t-1,3-Dichloropropene	8.207	75	9090	1.645	ug/l	98
51) cis-1,3-Dichloropropene	7.602	75	12550	1.692	ug/l	96
52) 1,1,2-Trichloroethane	8.393	97	8229	1.957	ug/l	95
53) 1,3-Dichloropropane	8.570	76	14200	1.956	ug/l	99
54) 2-Hexanone	8.692	43	21798	10.196	ug/l	99
55) Dibromochloromethane	8.801	129	7818	1.760	ug/l	100
56) 1,2-Dibromoethane	8.917	107	7165	1.904	ug/l	100
58) Tetrachloroethene	8.541	164	11402	1.896	ug/l	98
59) Chlorobenzene	9.441	112	30941	1.916	ug/l	97
60) 1,1,1,2-Tetrachloroethane	9.525	131	8917	1.717	ug/l	92
61) Pentachloroethane	11.419	117	6375	1.737	ug/l	88
62) Hexachloroethane	12.467	117	5976	1.644	ug/l	99
63) Ethyl Benzene	9.563	91	53621	1.929	ug/l	99
64) m/p-Xylenes	9.686	106	40731	3.770	ug/l	98
65) o-Xylene	10.094	106	20319	1.957	ug/l	97
66) Styrene	10.110	104	31561	1.908	ug/l	98
67) Bromoform	10.284	173	3644	1.597	ug/l	99
69) Isopropylbenzene	10.477	105	48988	1.952	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.776	83	9968	1.948	ug/l	98
71) 1,2,3-Trichloropropane	10.814	75	10645	2.562	ug/l #	88
72) Bromobenzene	10.776	156	12098	1.868	ug/l	92
73) n-propylbenzene	10.898	120	14781	1.956	ug/l	93
74) 2-Chlorotoluene	10.978	126	13064	1.957	ug/l	91
75) 1,3,5-Trimethylbenzene	11.081	105	46460	1.938	ug/l	100
76) 4-Chlorotoluene	11.091	126	13377	1.973	ug/l	97
77) tert-Butylbenzene	11.412	119	43549	1.901	ug/l	96
78) 1,2,4-Trimethylbenzene	11.460	105	46303	1.947	ug/l	96
79) sec-Butylbenzene	11.634	105	61626	1.994	ug/l	98
80) Nitrobenzene	13.219	77	491	6.800	ug/l #	81
81) p-Isopropyltoluene	11.785	119	50943	1.975	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	24826	1.916	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	25218	1.944	ug/l	98
84) n-Butylbenzene	12.203	91	48117	2.011	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	23502	1.930	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.988	75	1114	1.706	ug/l	94
87) 1,2,4-Trichlorobenzene	13.837	180	14007	1.850	ug/l	98
88) Hexachlorobutadiene	14.013	225	8260	1.921	ug/l	97
89) Naphthalene	14.087	128	24449	1.802	ug/l	98
90) 1,2,3-Trichlorobenzene	14.325	180	12843	1.836	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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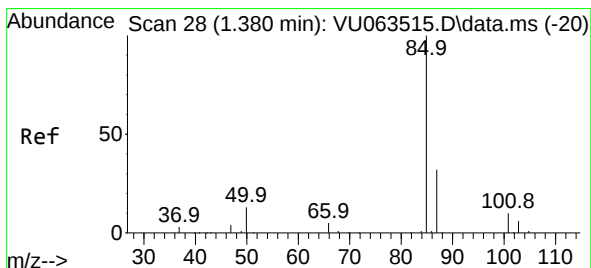
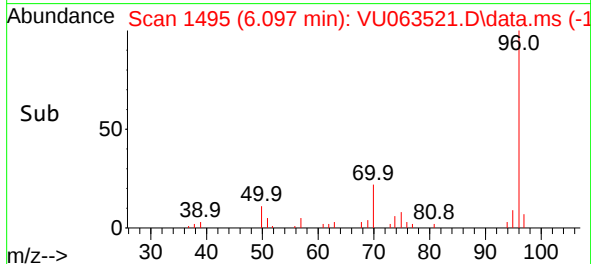
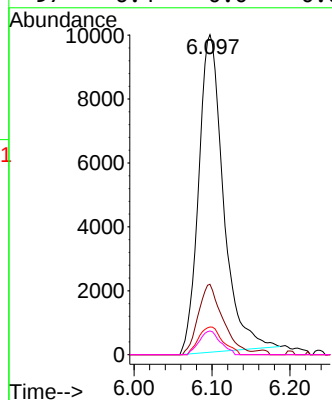
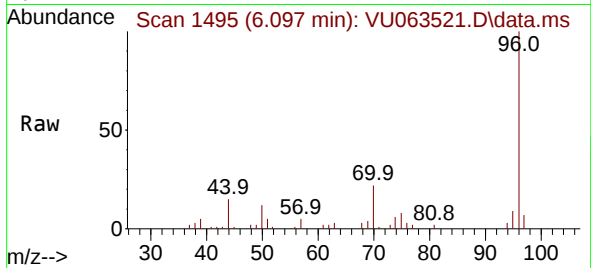




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.097 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

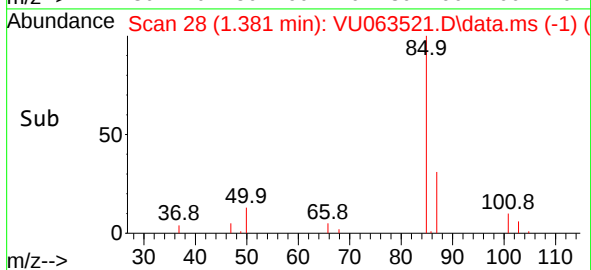
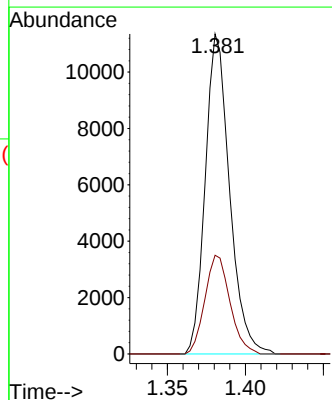
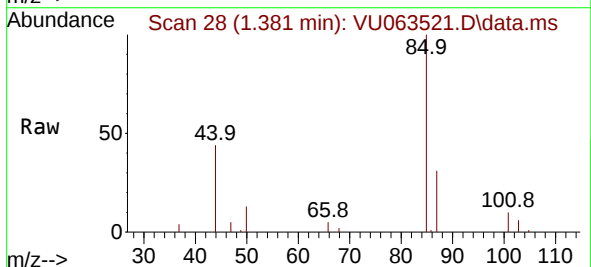
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

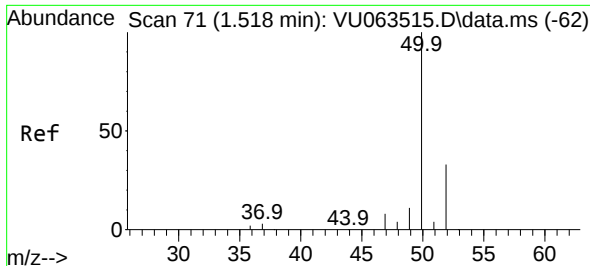
Tgt Ion:	96	Resp:	21864
Ion	Ratio	Lower	Upper
96	100		
70	20.9	15.0	22.4
95	8.5	7.4	11.0
97	6.4	0.0	0.0



#2
Dichlorodifluoromethane
Concen: 1.905 ug/l
RT: 1.381 min Scan# 28
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion:	85	Resp:	12281
Ion	Ratio	Lower	Upper
85	100		
87	30.9	16.0	47.9

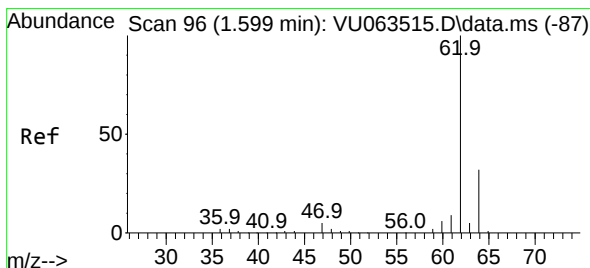
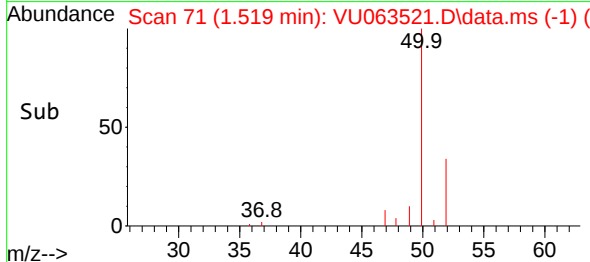
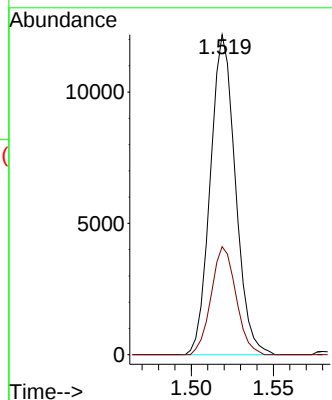
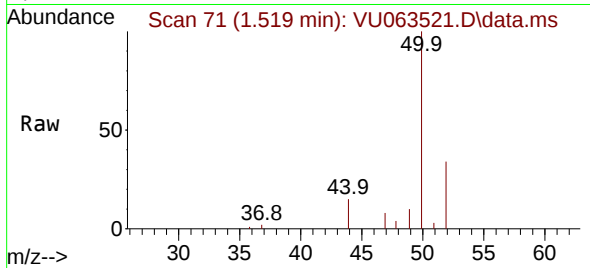




#3
Chloromethane
Concen: 2.157 ug/l
RT: 1.519 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

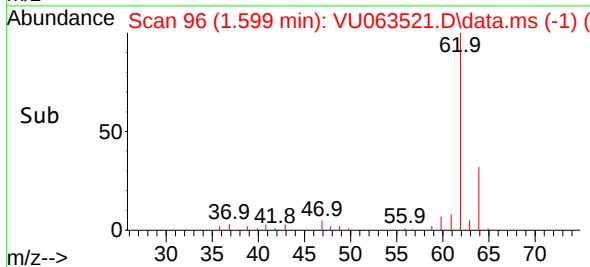
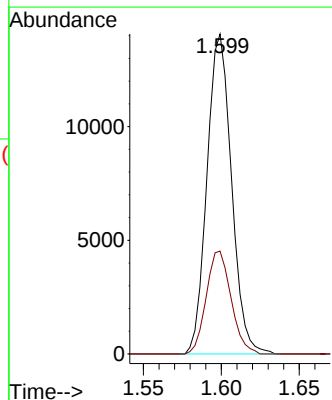
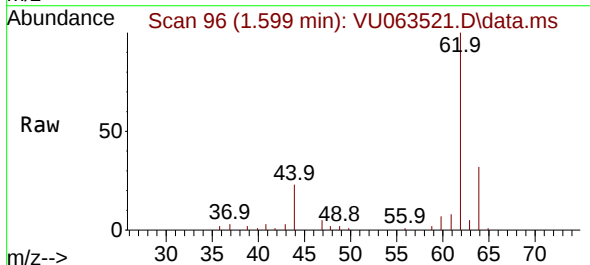
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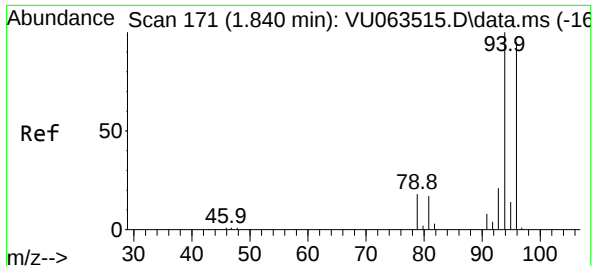
Tgt Ion: 50 Resp: 12925
Ion Ratio Lower Upper
50 100
52 33.7 26.3 39.5



#4
Vinyl Chloride
Concen: 2.015 ug/l
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion: 62 Resp: 15376
Ion Ratio Lower Upper
62 100
64 32.2 25.7 38.5

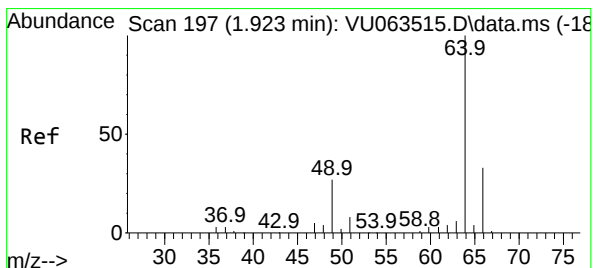
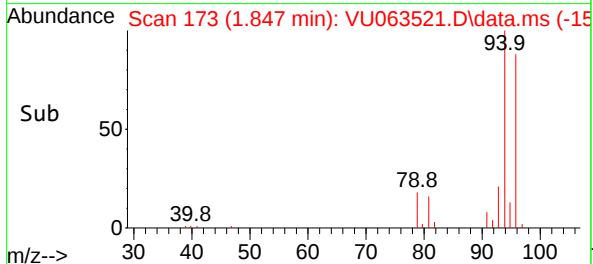
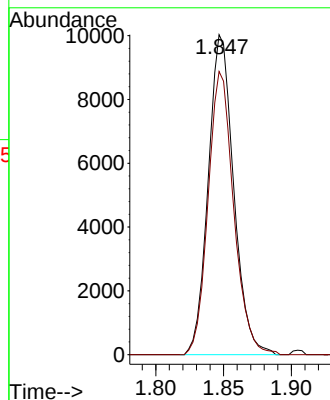
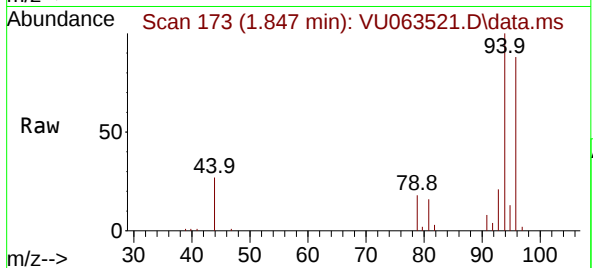




#5
Bromomethane
Concen: 2.278 ug/l
RT: 1.847 min Scan# 11
Delta R.T. 0.007 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

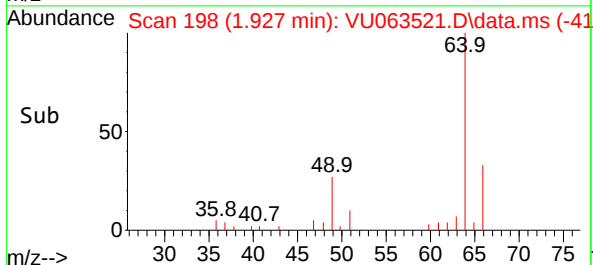
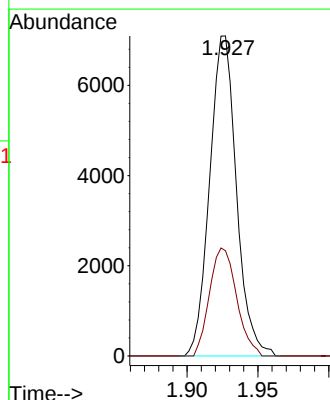
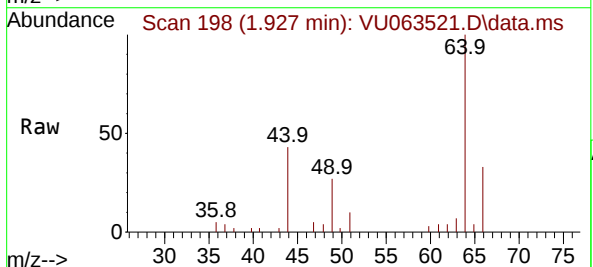
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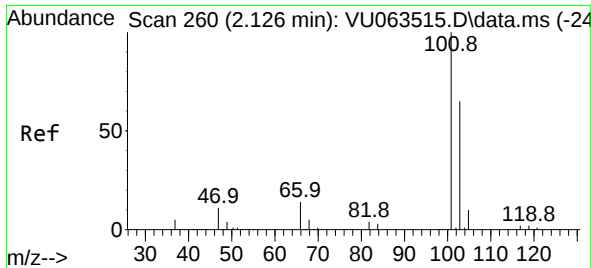
Tgt Ion: 94 Resp: 13111
Ion Ratio Lower Upper
94 100
96 88.5 75.8 113.6



#6
Chloroethane
Concen: 2.027 ug/l
RT: 1.927 min Scan# 198
Delta R.T. 0.004 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion: 64 Resp: 9342
Ion Ratio Lower Upper
64 100
66 32.9 26.2 39.4

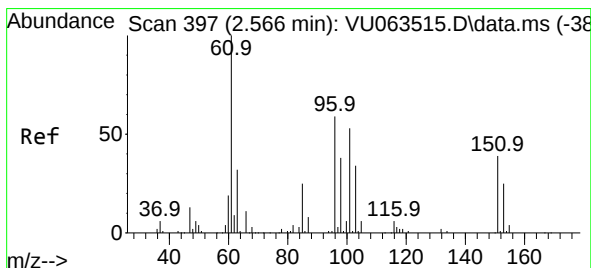
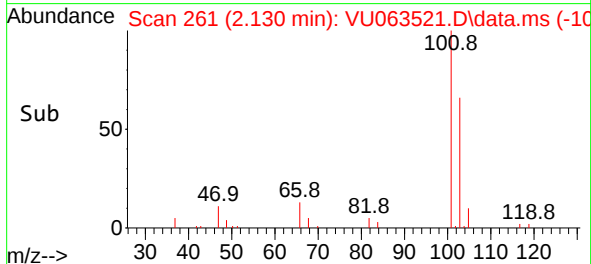
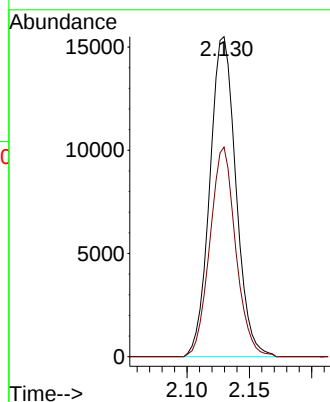
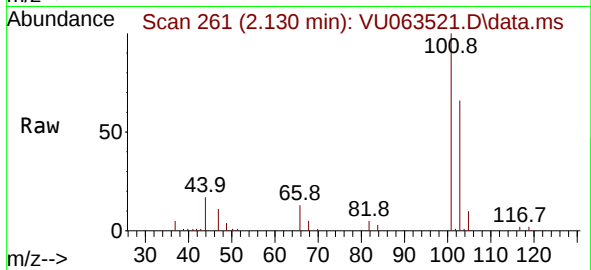




#7
Trichlorofluoromethane
Concen: 2.065 ug/l
RT: 2.130 min Scan# 210
Delta R.T. 0.004 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

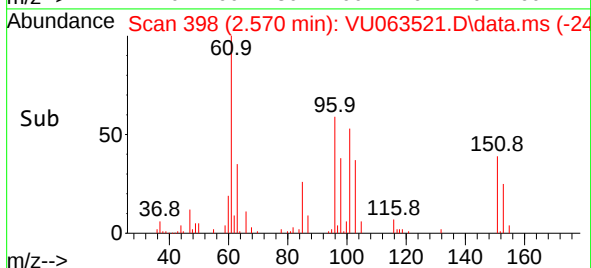
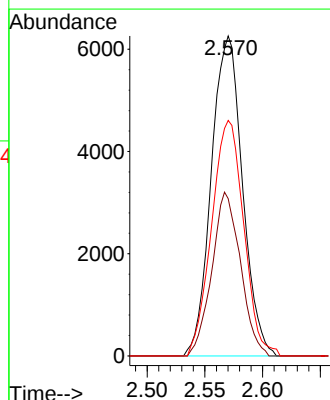
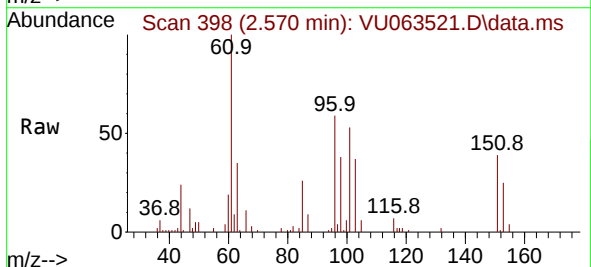
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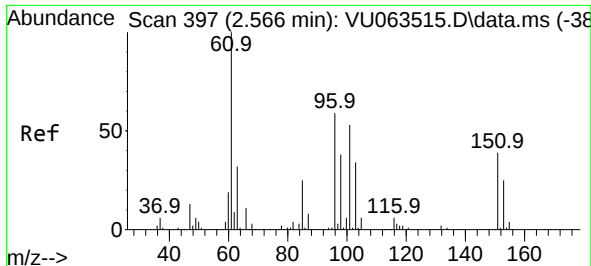
Tgt Ion:101 Resp: 22634
Ion Ratio Lower Upper
101 100
103 65.5 52.2 78.4



#8
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 2.048 ug/l
RT: 2.570 min Scan# 398
Delta R.T. 0.004 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion:101 Resp: 11730
Ion Ratio Lower Upper
101 100
85 47.0 37.8 56.6
151 75.9 59.2 88.8

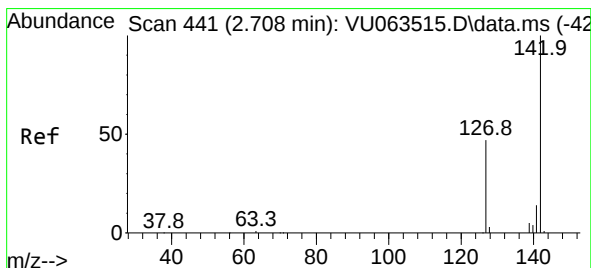
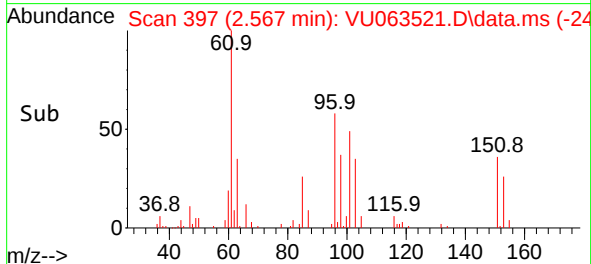
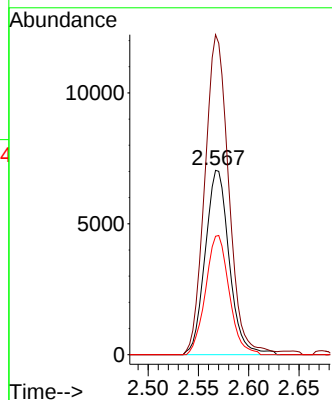
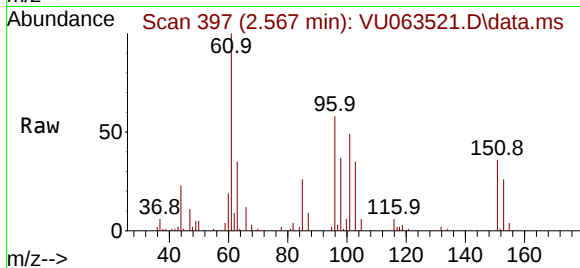




#9
1,1-Dichloroethene
Concen: 2.065 ug/l
RT: 2.567 min Scan# 397
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

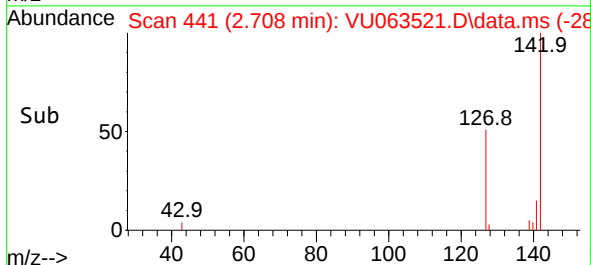
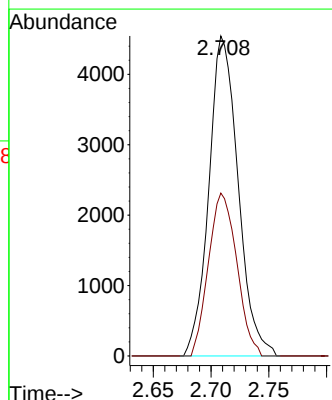
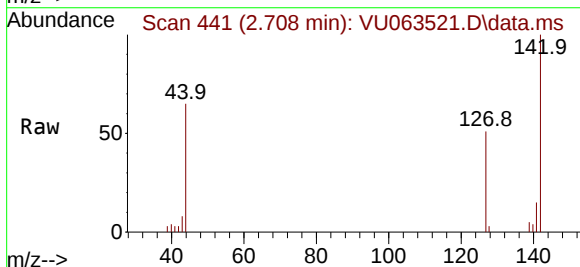
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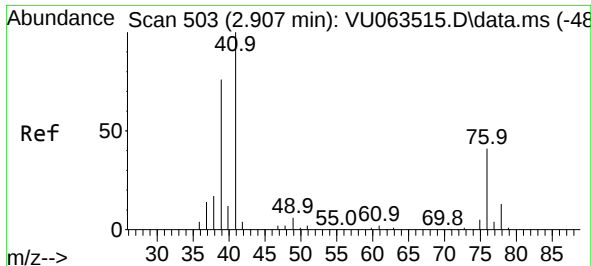
Tgt Ion: 96 Resp: 11724
Ion Ratio Lower Upper
96 100
61 173.6 0.0 504.3
98 64.2 0.0 126.8



#10
Iodomethane
Concen: 1.773 ug/l
RT: 2.708 min Scan# 441
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion: 142 Resp: 8006
Ion Ratio Lower Upper
142 100
127 49.2 37.9 56.9

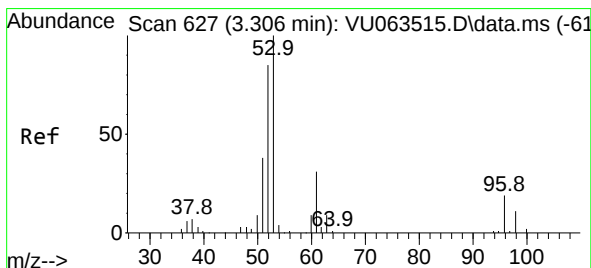
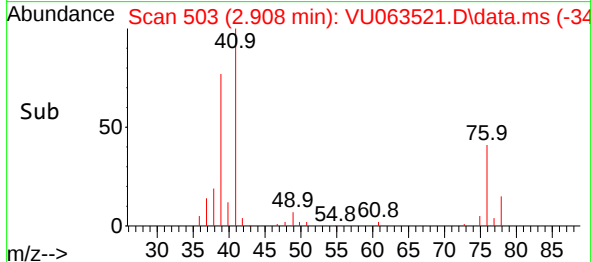
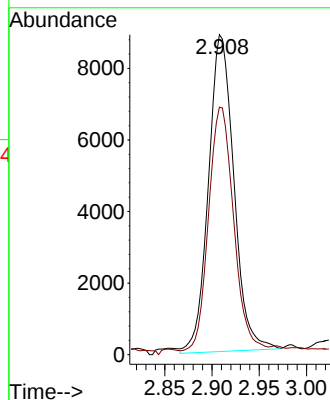
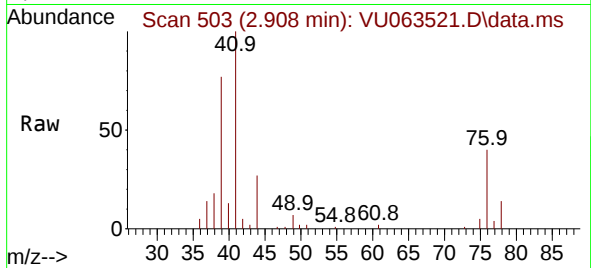




#11
 Allyl Chloride
 Concen: 2.021 ug/l
 RT: 2.908 min Scan# 503
 Delta R.T. 0.000 min
 Lab File: VU063521.D
 Acq: 17 Jul 2025 12:43

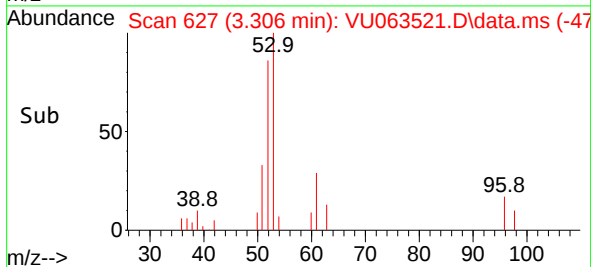
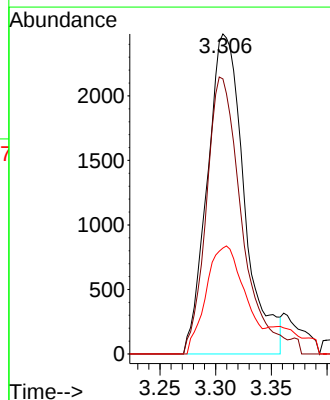
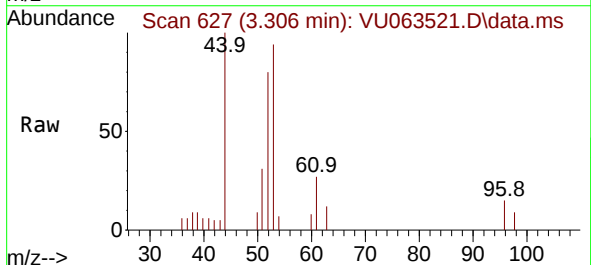
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0717WBS01

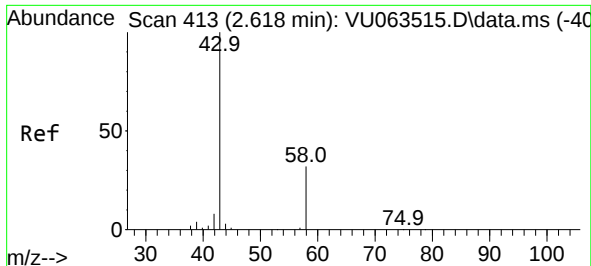
Tgt Ion: 41 Resp: 16576
 Ion Ratio Lower Upper
 41 100
 39 75.4 61.5 92.3



#12
 Acrylonitrile
 Concen: 4.023 ug/l
 RT: 3.306 min Scan# 627
 Delta R.T. 0.000 min
 Lab File: VU063521.D
 Acq: 17 Jul 2025 12:43

Tgt Ion: 53 Resp: 5711
 Ion Ratio Lower Upper
 53 100
 52 82.6 64.3 96.5
 51 36.1 27.8 41.8





#13

Acetone

Concen: 12.835 ug/l

RT: 2.622 min Scan# 413

Delta R.T. 0.004 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA_U

ClientSampleId :

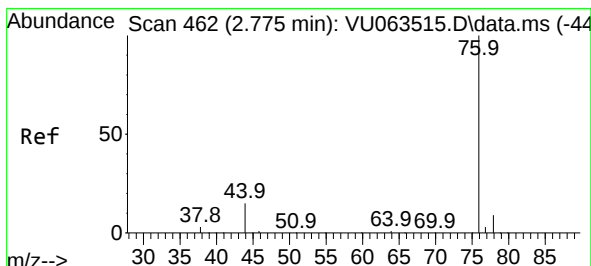
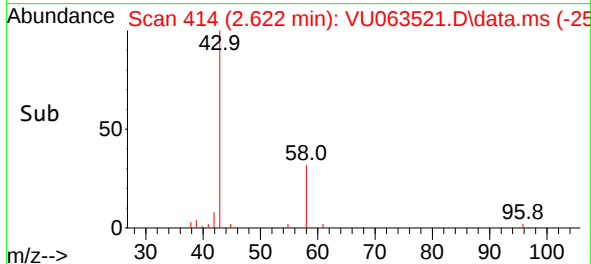
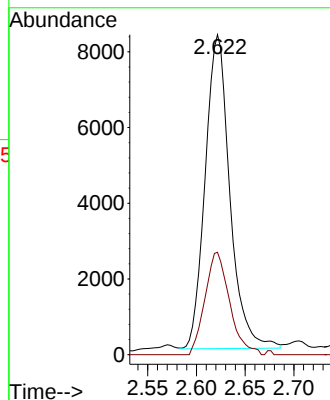
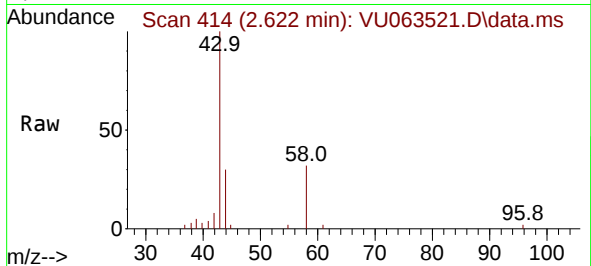
VU0717WBS01

Tgt Ion: 43 Resp: 14599

Ion Ratio Lower Upper

43 100

58 32.7 25.4 38.0



#14

Carbon Disulfide

Concen: 1.847 ug/l

RT: 2.779 min Scan# 463

Delta R.T. 0.004 min

Lab File: VU063521.D

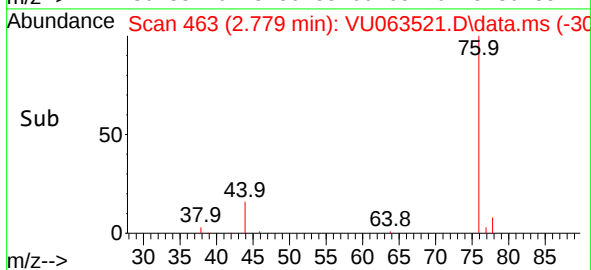
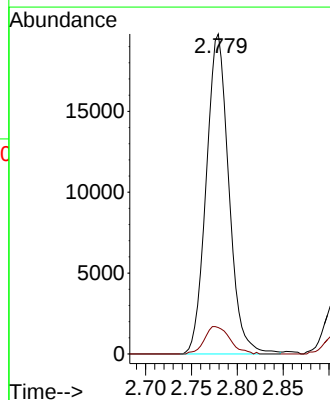
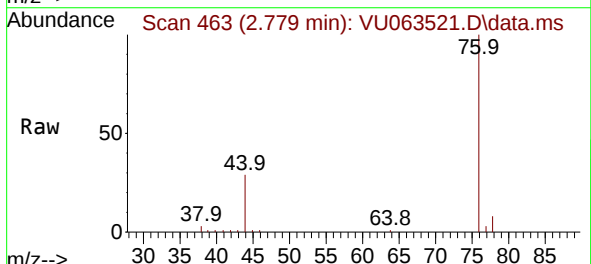
Acq: 17 Jul 2025 12:43

Tgt Ion: 76 Resp: 33865

Ion Ratio Lower Upper

76 100

78 8.2 7.0 10.6

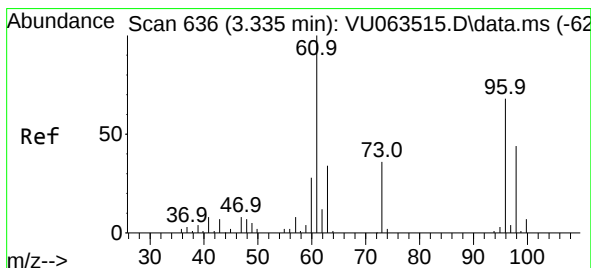
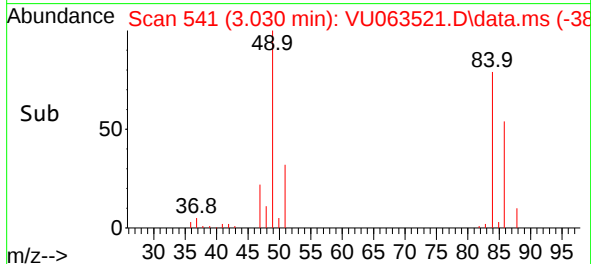
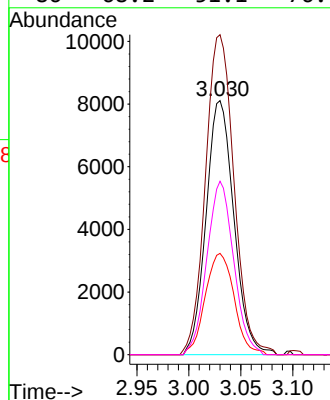
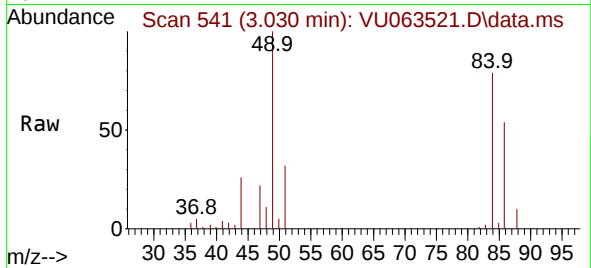




#15
Methylene Chloride
Concen: 2.262 ug/l
RT: 3.030 min Scan# 541
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

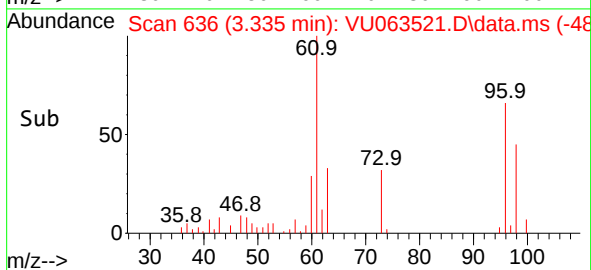
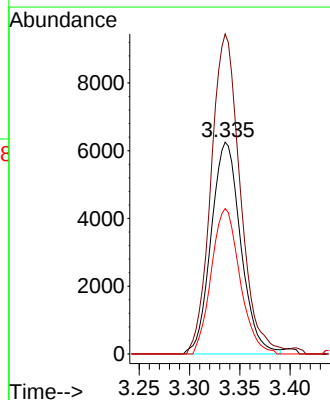
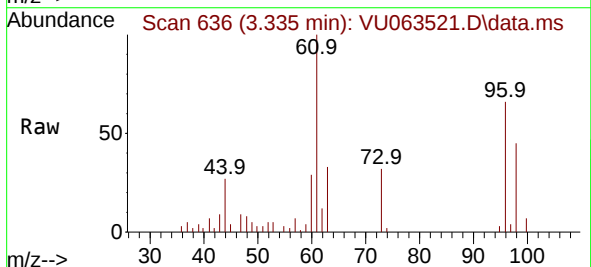
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

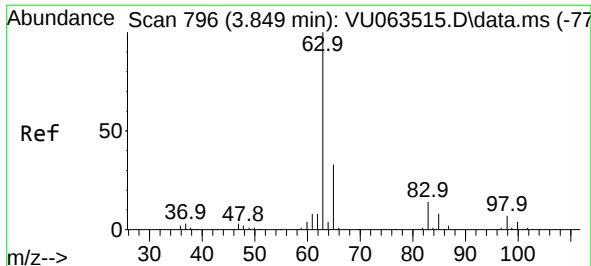
Tgt Ion:	84	Resp:	15114
Ion	Ratio	Lower	Upper
84	100		
49	125.9	103.8	155.8
51	39.9	0.0	80.4
86	68.2	51.1	76.7



#16
trans-1,2-Dichloroethene
Concen: 1.986 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion:	96	Resp:	12801
Ion	Ratio	Lower	Upper
96	100		
61	151.1	117.2	175.8
98	68.7	51.4	77.2

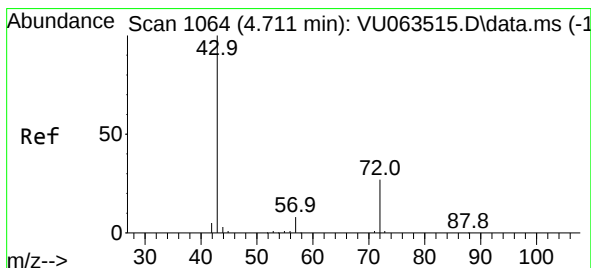
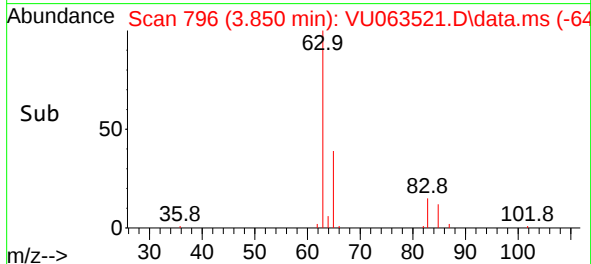
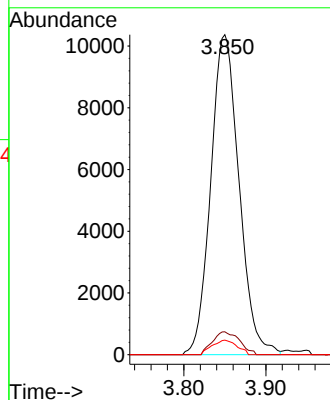
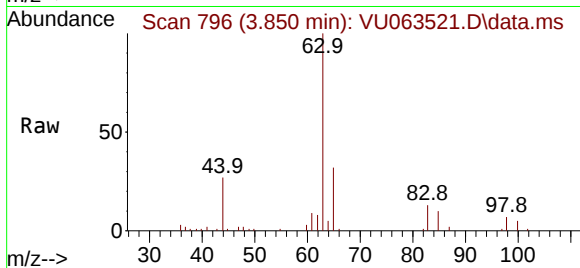




#17
 1,1-Dichloroethane
 Concen: 2.081 ug/l
 RT: 3.850 min Scan# 796
 Delta R.T. 0.000 min
 Lab File: VU063521.D
 Acq: 17 Jul 2025 12:43

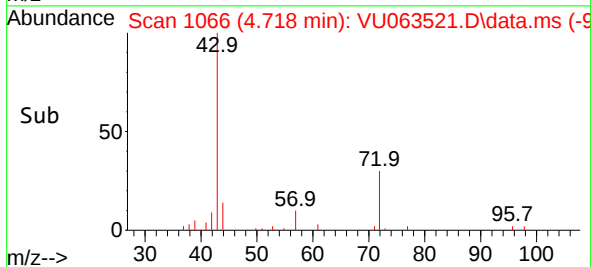
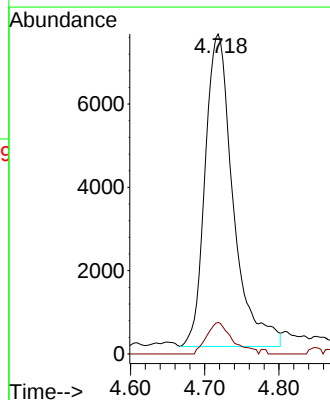
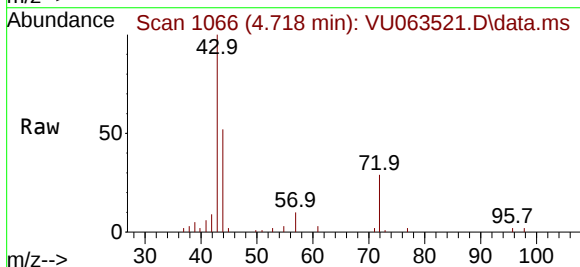
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0717WBS01

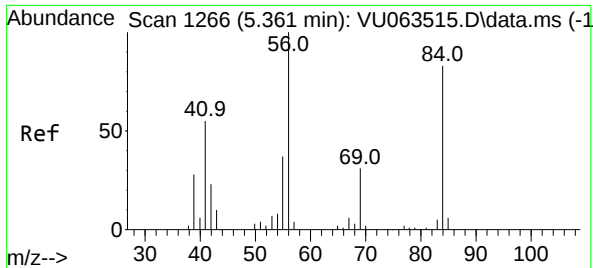
Tgt Ion:	63	Resp:	24869
Ion Ratio	Lower	Upper	
63	100		
98	7.1	3.4	10.2
100	4.6	2.1	6.2



#18
 2-Butanone
 Concen: 11.163 ug/l
 RT: 4.718 min Scan# 1066
 Delta R.T. 0.007 min
 Lab File: VU063521.D
 Acq: 17 Jul 2025 12:43

Tgt Ion:	43	Resp:	19663
Ion Ratio	Lower	Upper	
43	100		
57	10.1	0.0	16.4

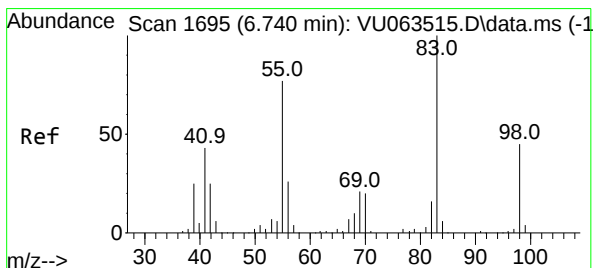
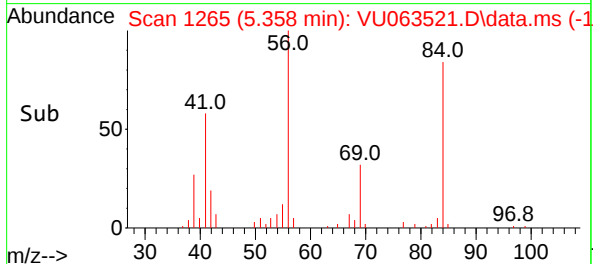
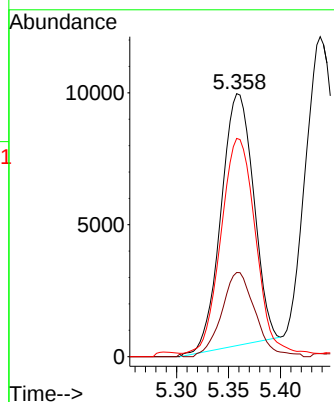
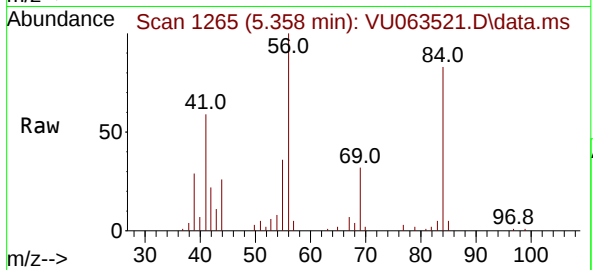




#19
Cyclohexane
Concen: 2.056 ug/l
RT: 5.358 min Scan# 1265
Delta R.T. -0.003 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

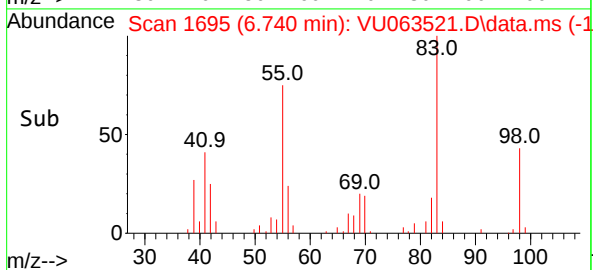
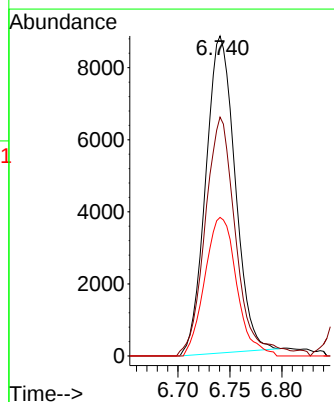
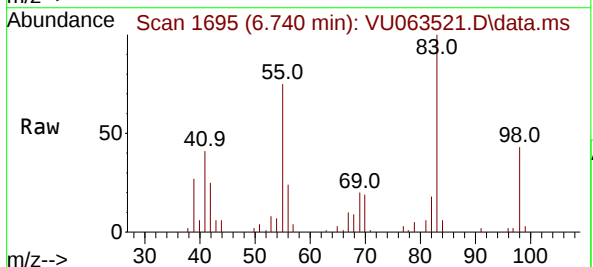
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

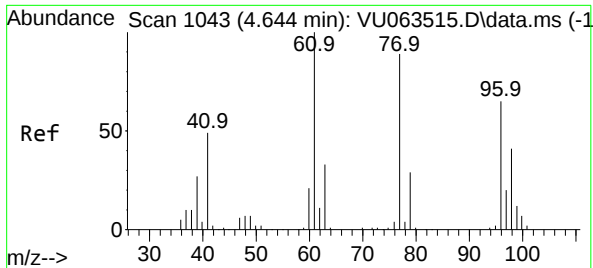
Tgt Ion:	56	Resp:	20801
Ion	Ratio	Lower	Upper
56	100		
69	34.4	26.6	39.8
84	89.8	71.0	106.4



#20
Methylcyclohexane
Concen: 1.757 ug/l
RT: 6.740 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion:	83	Resp:	17274
Ion	Ratio	Lower	Upper
83	100		
55	76.1	60.6	90.8
98	47.5	35.8	53.8





#21

2,2-Dichloropropane

Concen: 2.003 ug/l

RT: 4.641 min Scan# 1042

Delta R.T. -0.003 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA_U

ClientSampleId :

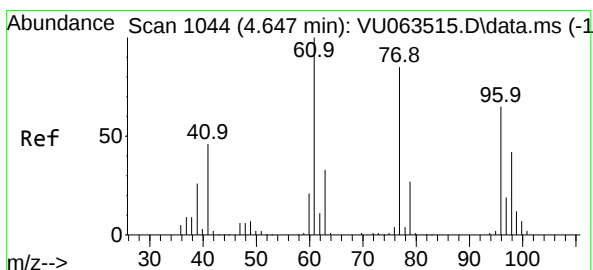
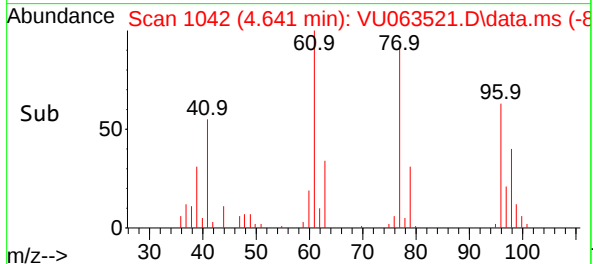
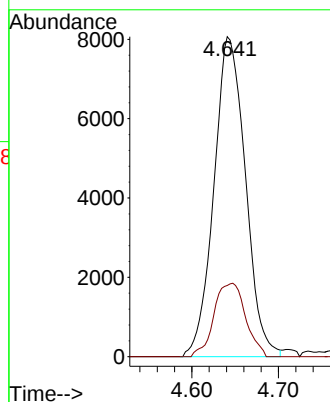
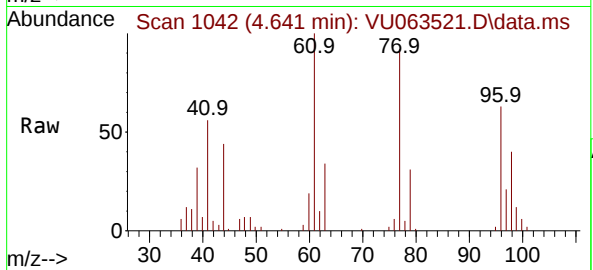
VU0717WBS01

Tgt Ion: 77 Resp: 20379

Ion Ratio Lower Upper

77 100

97 23.0 17.8 26.8



#22

cis-1,2-Dichloroethene

Concen: 2.082 ug/l

RT: 4.647 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

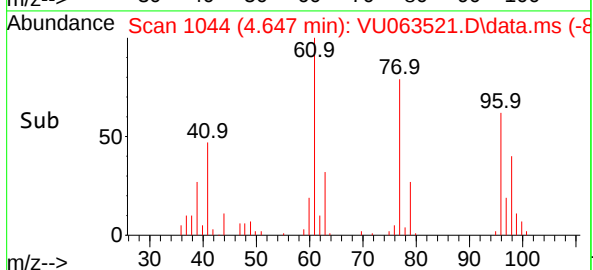
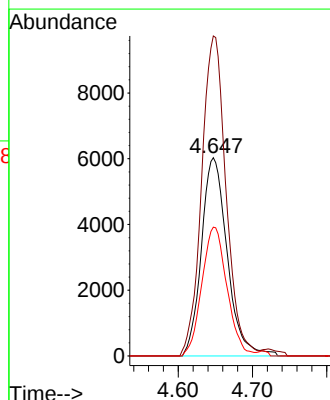
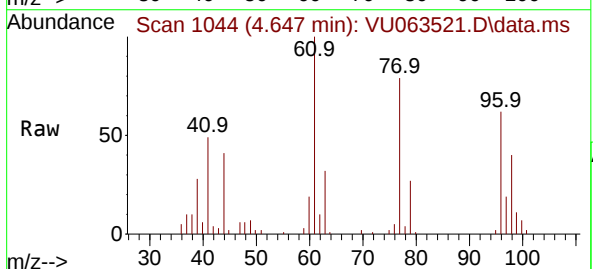
Tgt Ion: 96 Resp: 14565

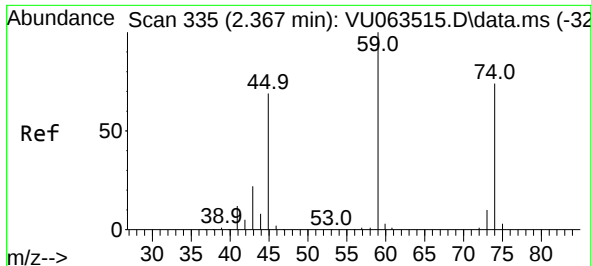
Ion Ratio Lower Upper

96 100

61 152.8 0.0 384.7

98 63.5 32.1 96.3

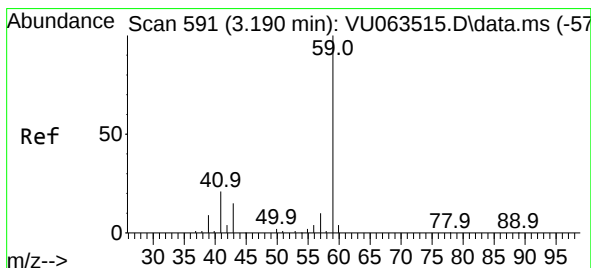
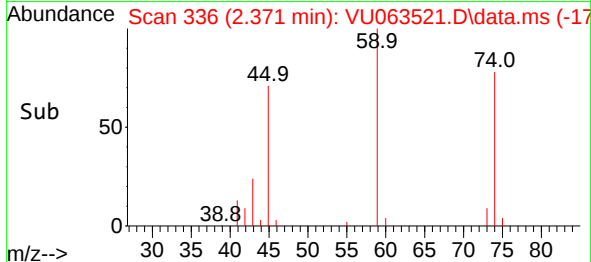
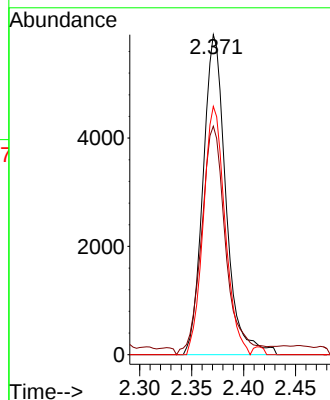
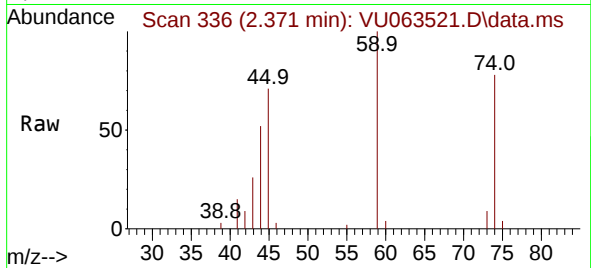




#23
Diethyl Ether
Concen: 2.092 ug/l
RT: 2.371 min Scan# 31
Delta R.T. 0.004 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

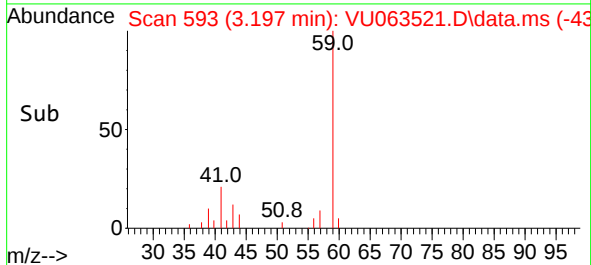
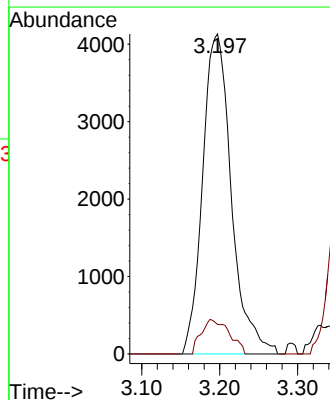
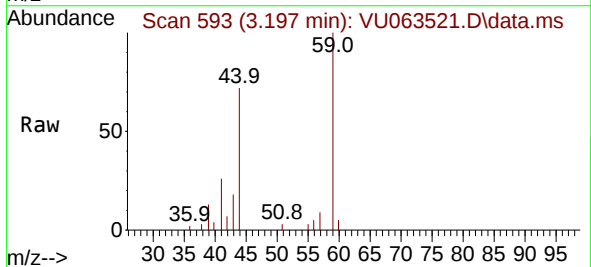
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

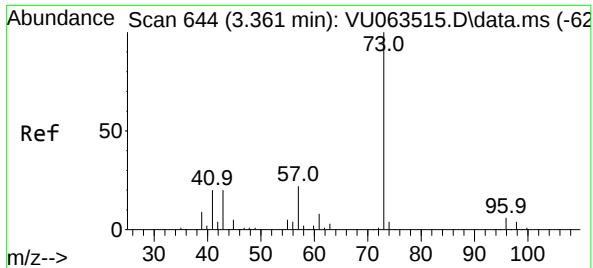
Tgt Ion: 59 Resp: 9050
Ion Ratio Lower Upper
59 100
45 75.7 55.1 82.7
74 73.5 58.2 87.4



#24
tert-Butyl Alcohol
Concen: 20.303 ug/l
RT: 3.197 min Scan# 593
Delta R.T. 0.007 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion: 59 Resp: 10601
Ion Ratio Lower Upper
59 100
57 10.5 8.6 12.8

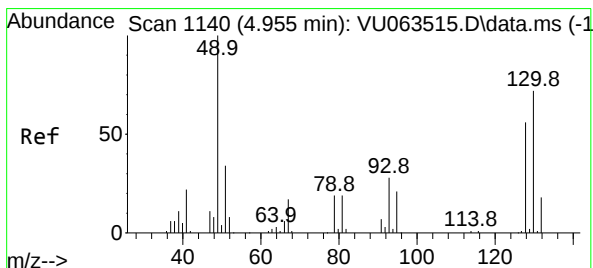
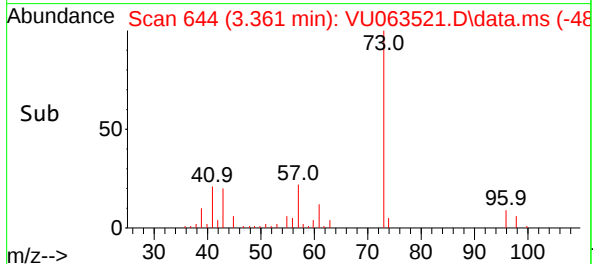
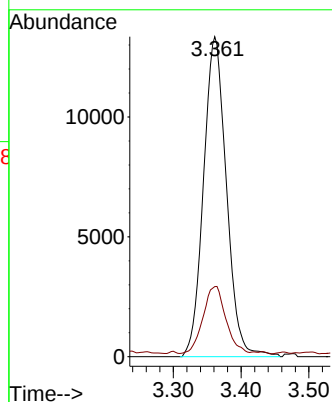
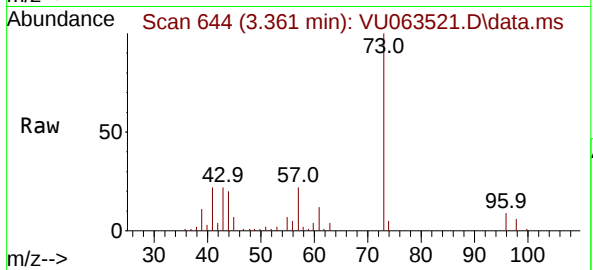




#25
Methyl tert-Butyl Ether
Concen: 2.117 ug/l
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

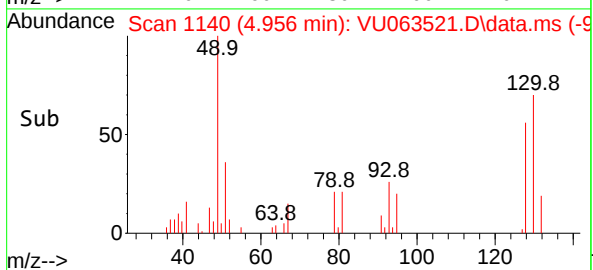
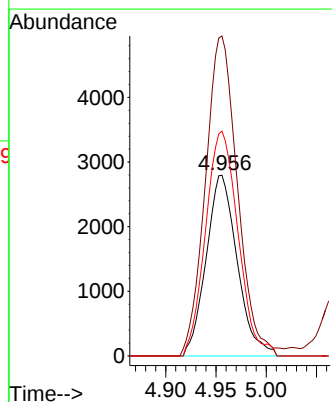
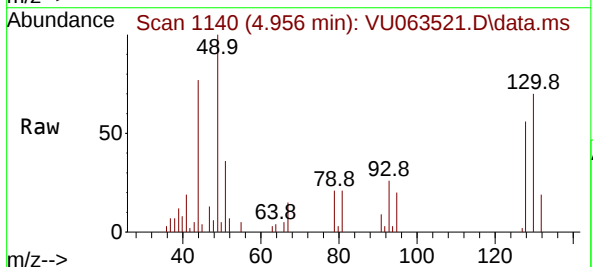
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

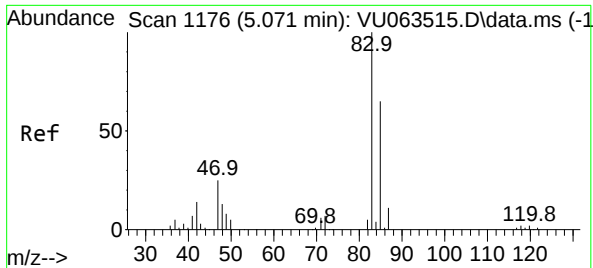
Tgt Ion: 73 Resp: 31377
Ion Ratio Lower Upper
73 100
43 20.8 16.2 24.2



#26
Bromochloromethane
Concen: 2.054 ug/l
RT: 4.956 min Scan# 1140
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion: 128 Resp: 6000
Ion Ratio Lower Upper
128 100
49 183.5 0.0 340.8
130 130.4 100.5 150.7





#27

Chloroform

Concen: 2.060 ug/l

RT: 5.072 min Scan# 1176

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA_U

ClientSampleId :

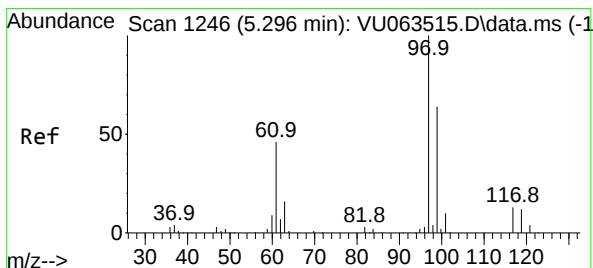
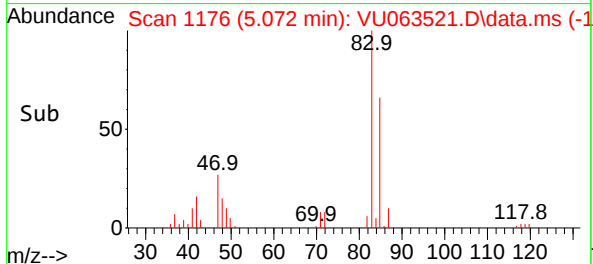
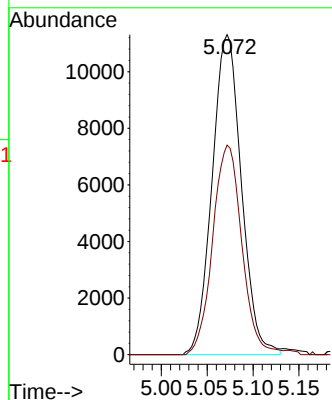
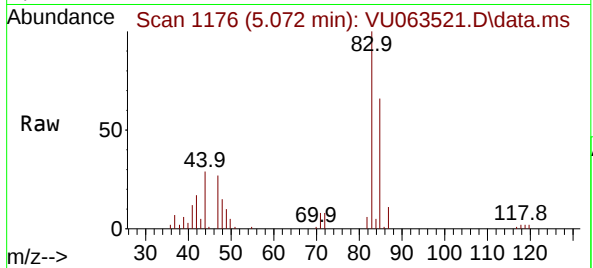
VU0717WBS01

Tgt Ion: 83 Resp: 25113

Ion Ratio Lower Upper

83 100

85 65.5 0.0 130.0



#28

1,1,1-Trichloroethane

Concen: 2.014 ug/l

RT: 5.294 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

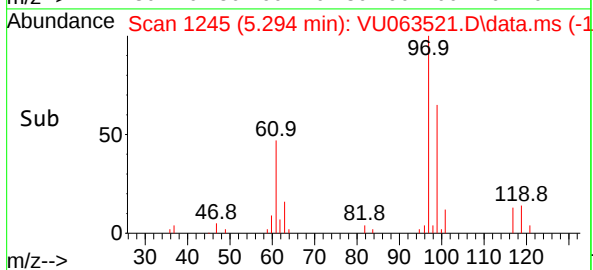
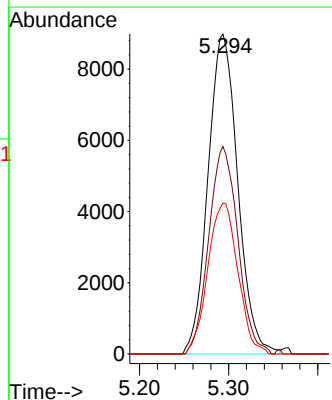
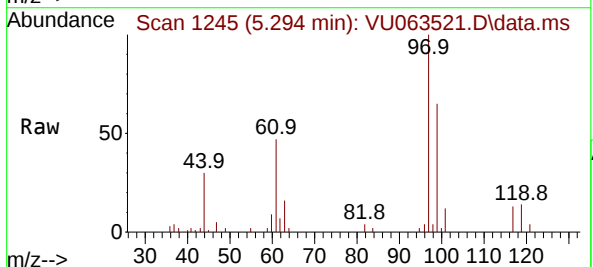
Tgt Ion: 97 Resp: 20838

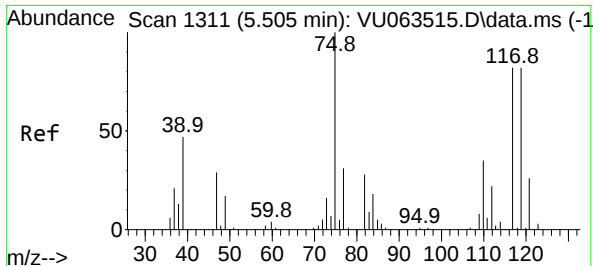
Ion Ratio Lower Upper

97 100

99 63.5 31.8 95.3

61 47.6 23.3 69.9

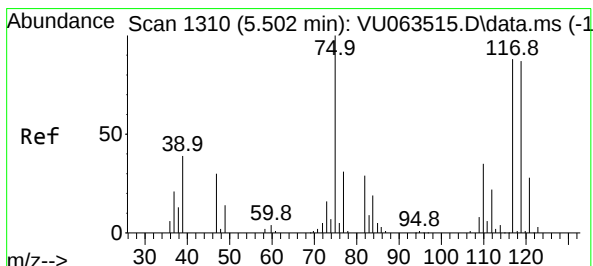
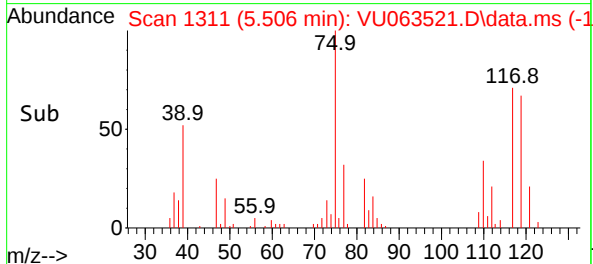
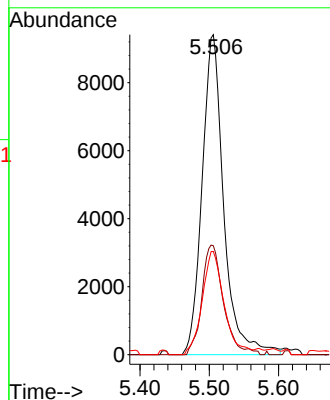
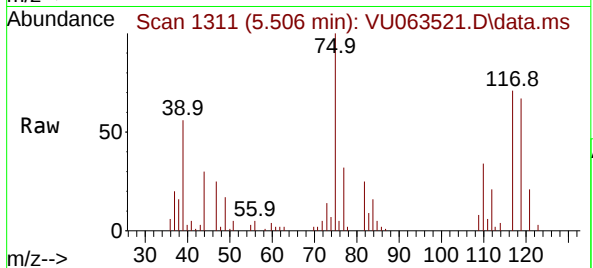




#29
1,1-Dichloropropene
Concen: 2.130 ug/l
RT: 5.506 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

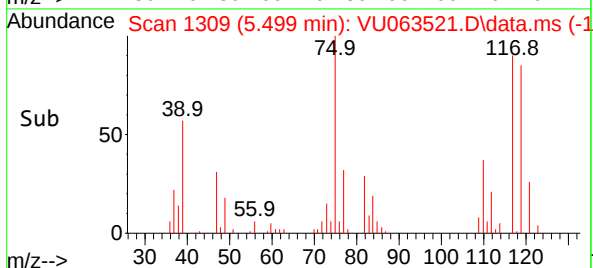
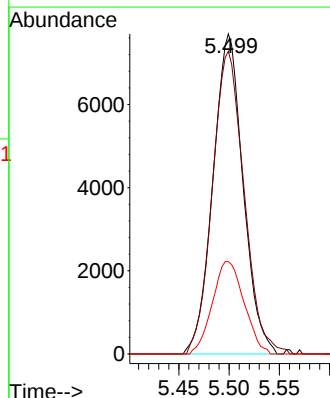
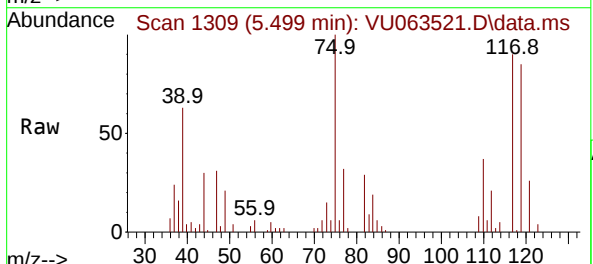
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

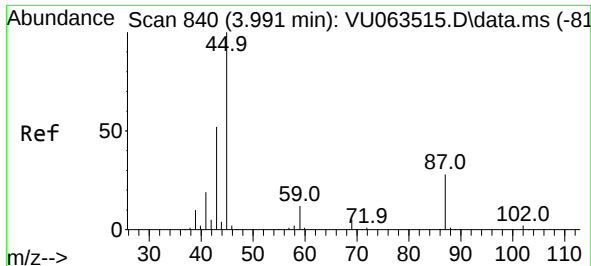
Tgt Ion: 75 Resp: 20417
Ion Ratio Lower Upper
75 100
110 34.0 17.8 53.4
77 32.6 24.6 37.0



#30
Carbon Tetrachloride
Concen: 1.922 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.003 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion: 117 Resp: 16009
Ion Ratio Lower Upper
117 100
119 94.6 79.2 118.8
121 28.9 25.5 38.3

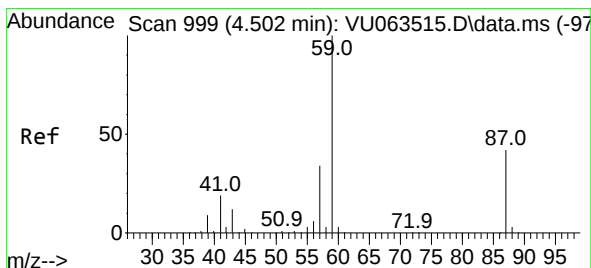
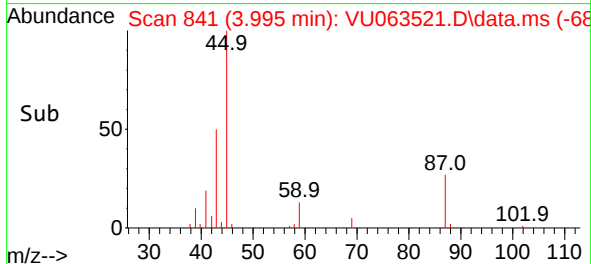
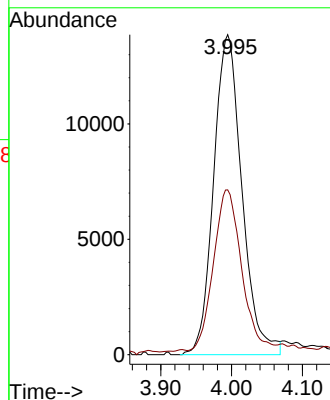
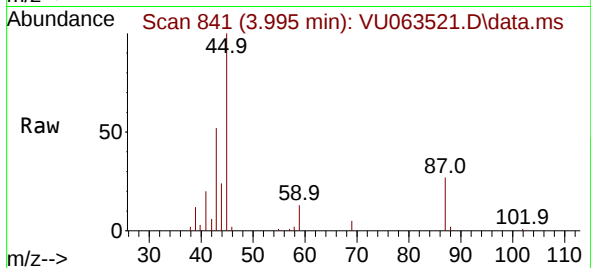




#31
Isopropyl Ether
Concen: 2.133 ug/l
RT: 3.995 min Scan# 841
Delta R.T. 0.004 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

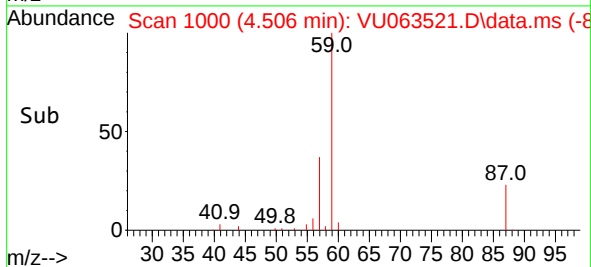
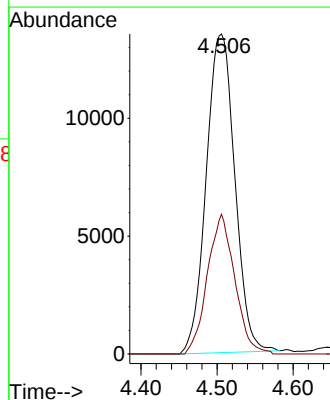
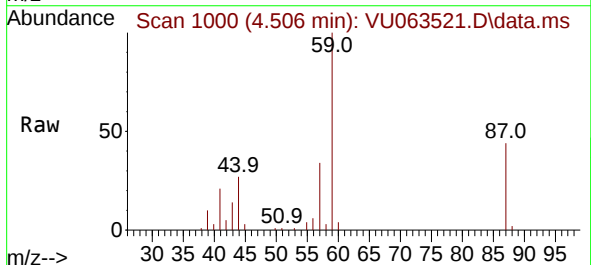
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

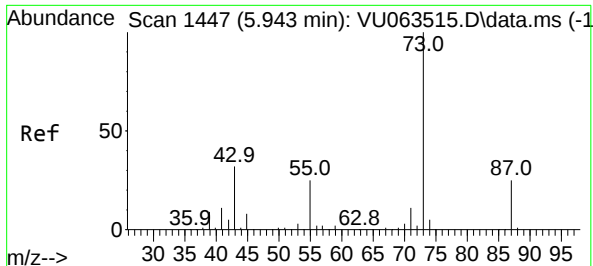
Tgt Ion: 45 Resp: 38467
Ion Ratio Lower Upper
45 100
43 49.5 25.7 77.0



#32
Ethyl-t-butyl ether
Concen: 2.117 ug/l
RT: 4.506 min Scan# 1000
Delta R.T. 0.004 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion: 59 Resp: 35330
Ion Ratio Lower Upper
59 100
87 41.9 32.6 49.0

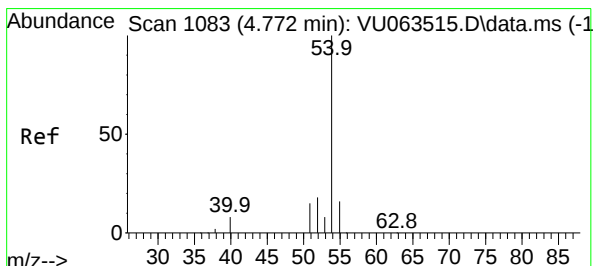
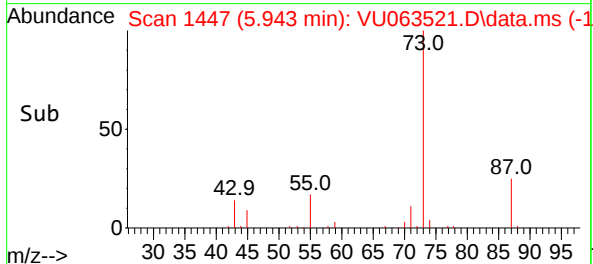
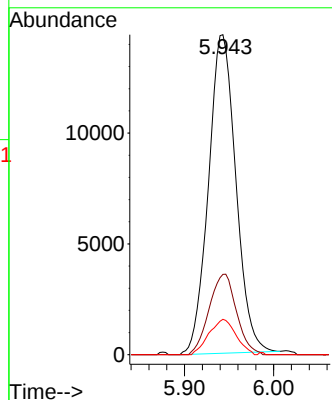
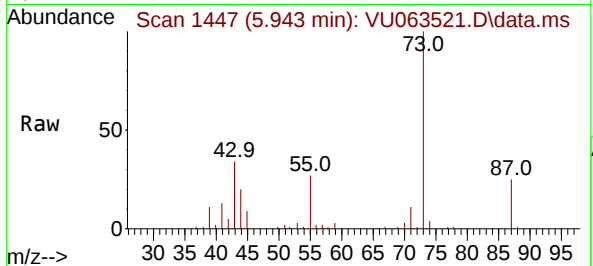




#33
Tert-Amyl methyl ether
Concen: 2.124 ug/l
RT: 5.943 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

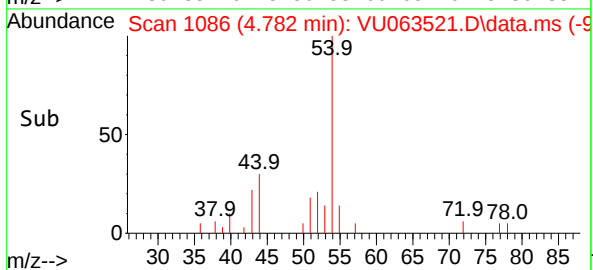
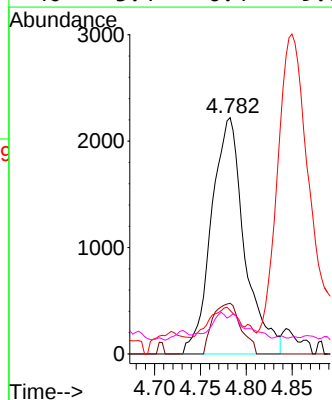
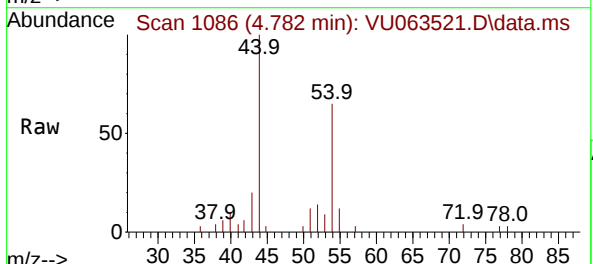
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

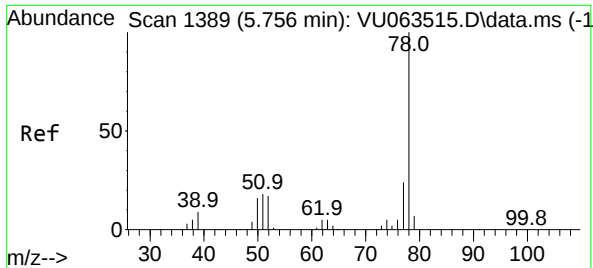
Tgt Ion: 73	Resp: 30771
Ion Ratio	Lower Upper
73 100	
87 25.2	19.4 29.2
71 10.9	8.9 13.3



#34
Propionitrile
Concen: 10.376 ug/l
RT: 4.782 min Scan# 1086
Delta R.T. 0.010 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt	Ion: 54	Resp:	5569
Ion	Ratio	Lower	Upper
54	100		
52	18.3	17.0	25.4
55	13.2	13.6	20.4#
40	3.4	6.4	9.6#

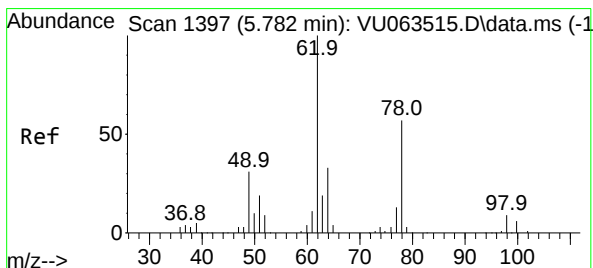
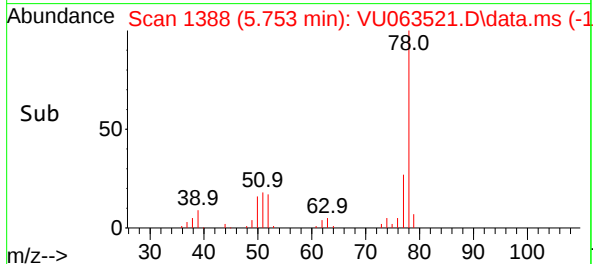
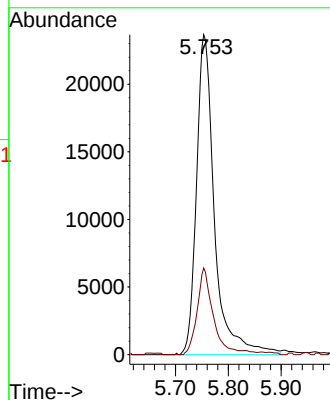
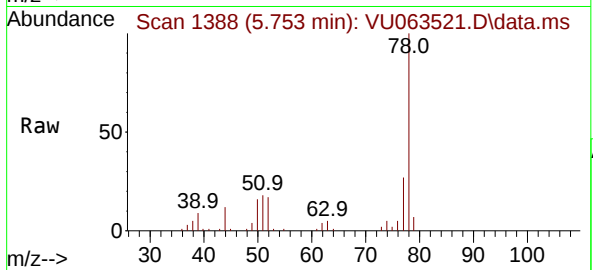




#35
Benzene
Concen: 2.169 ug/l
RT: 5.753 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

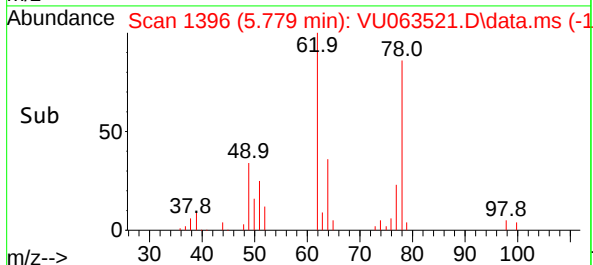
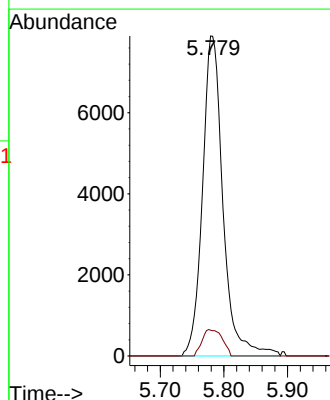
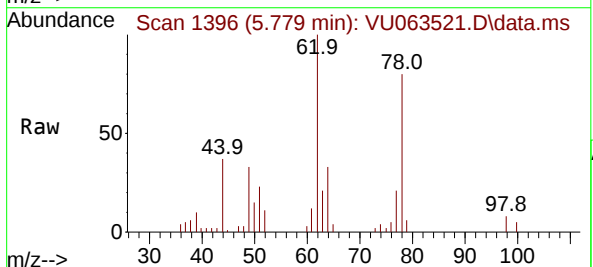
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

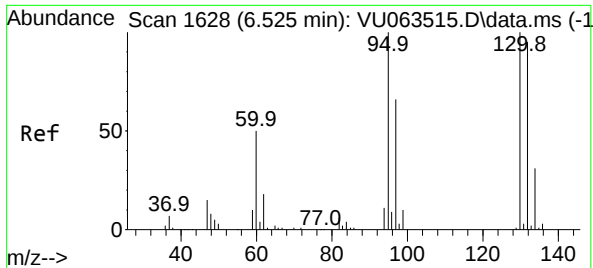
Tgt Ion: 78 Resp: 55862
Ion Ratio Lower Upper
78 100
77 27.1 19.4 29.2



#36
1,2-Dichloroethane
Concen: 2.204 ug/l
RT: 5.779 min Scan# 1396
Delta R.T. -0.003 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion: 62 Resp: 17638
Ion Ratio Lower Upper
62 100
98 8.1 6.4 9.6





#37

Trichloroethene

Concen: 1.819 ug/l

RT: 6.525 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA_U

ClientSampleId :

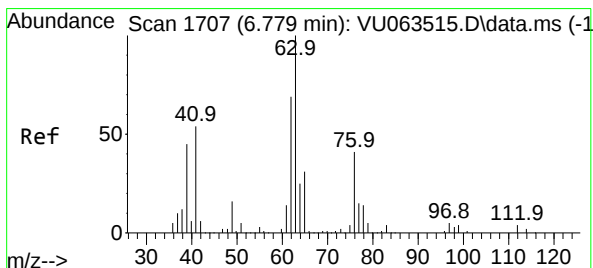
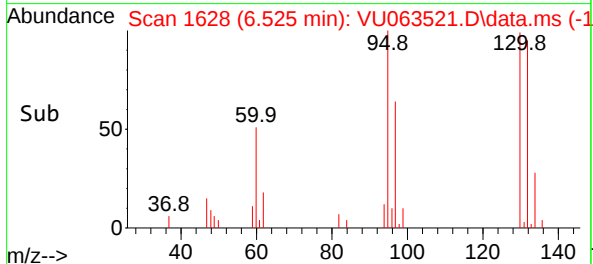
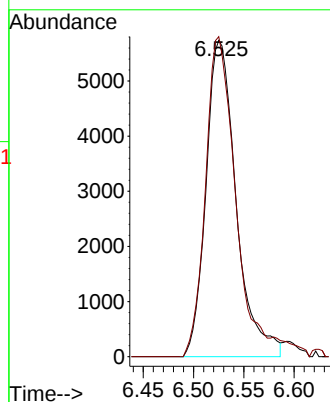
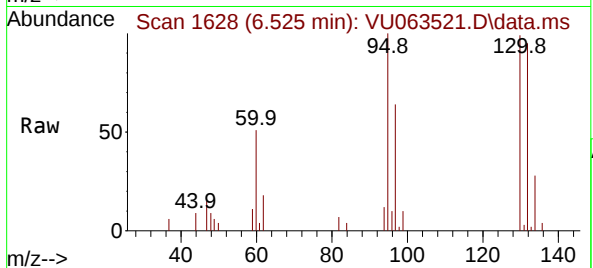
VU0717WBS01

Tgt Ion:130 Resp: 11954

Ion Ratio Lower Upper

130 100

95 101.2 80.3 120.5



#38

1,2-Dichloropropane

Concen: 1.895 ug/l

RT: 6.779 min Scan# 1707

Delta R.T. 0.000 min

Lab File: VU063521.D

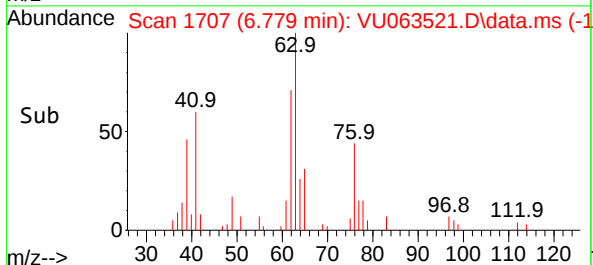
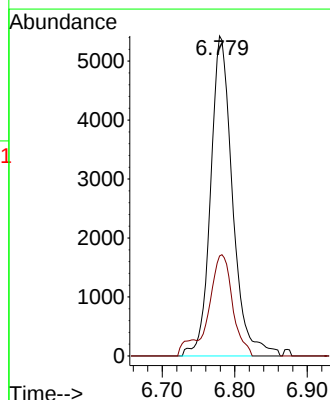
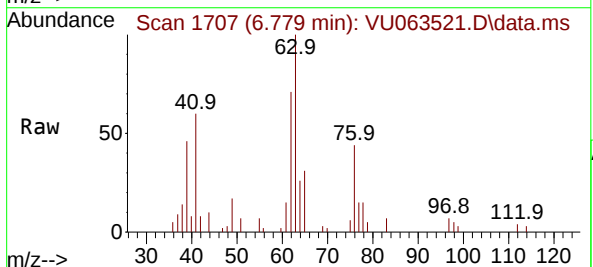
Acq: 17 Jul 2025 12:43

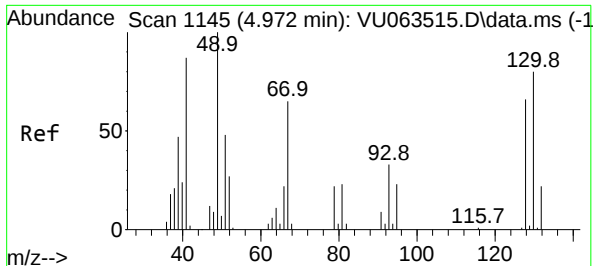
Tgt Ion: 63 Resp: 11421

Ion Ratio Lower Upper

63 100

65 31.3 24.6 36.8





#39

Methacrylonitrile

Concen: 1.892 ug/l

RT: 4.972 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0717WBS01

Tgt Ion: 41 Resp: 4514

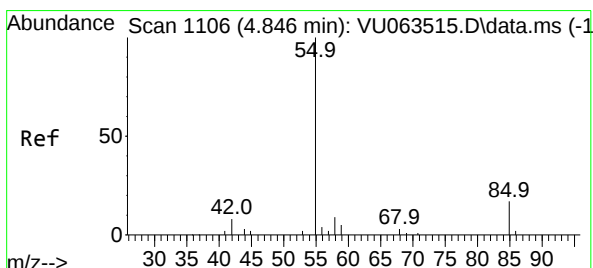
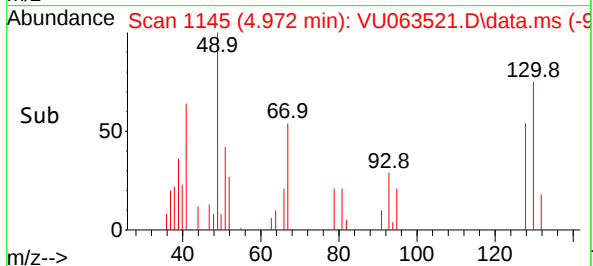
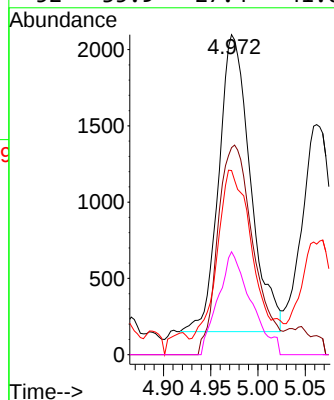
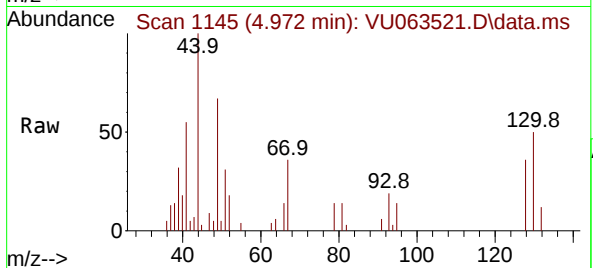
Ion Ratio Lower Upper

41 100

67 80.4 62.7 94.1

39 61.5 43.1 64.7

52 35.9 27.4 41.0



#40

Methyl acrylate

Concen: 1.907 ug/l

RT: 4.850 min Scan# 1107

Delta R.T. 0.004 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Tgt Ion: 55 Resp: 6649

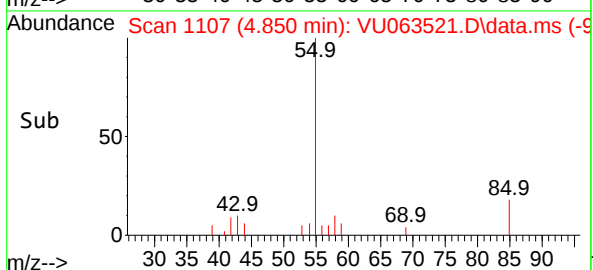
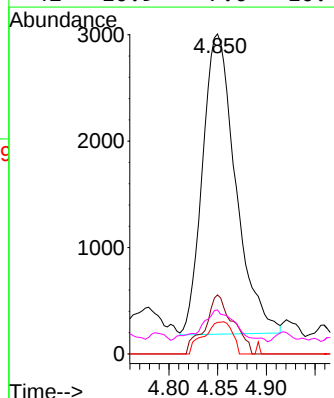
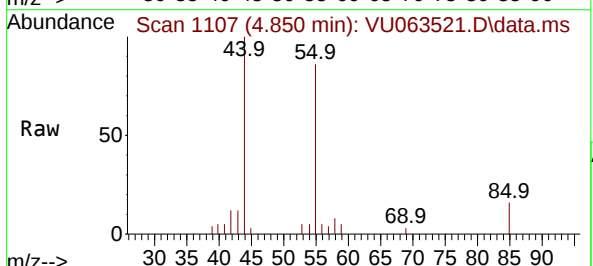
Ion Ratio Lower Upper

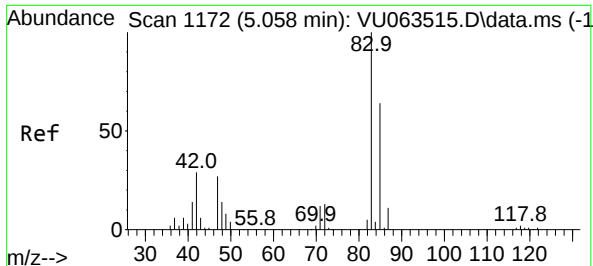
55 100

85 16.7 12.8 19.2

58 9.2 7.0 10.4

42 10.9 7.0 10.4#

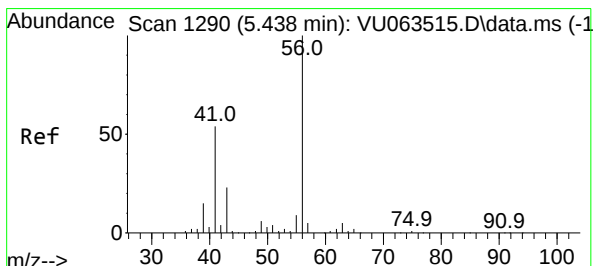
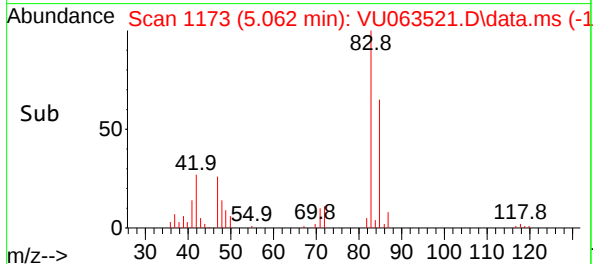
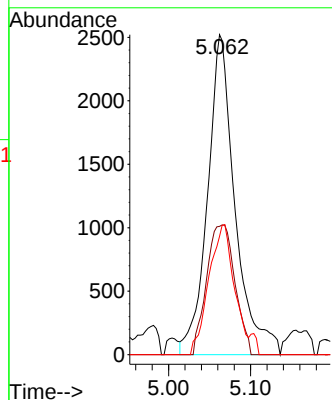
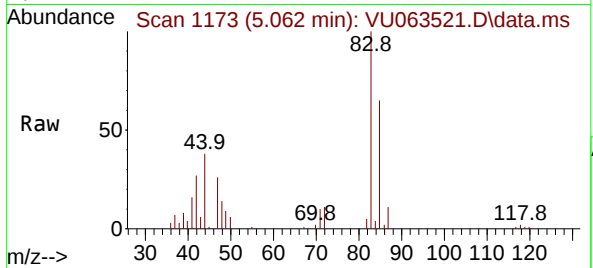




#41
Tetrahydrofuran
Concen: 4.674 ug/l
RT: 5.062 min Scan# 1172
Delta R.T. 0.004 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

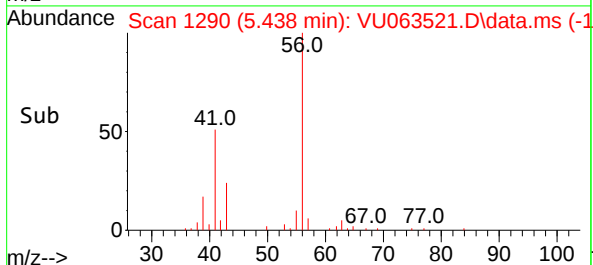
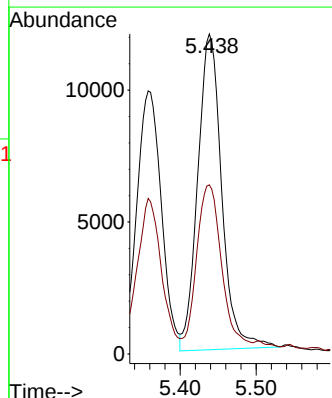
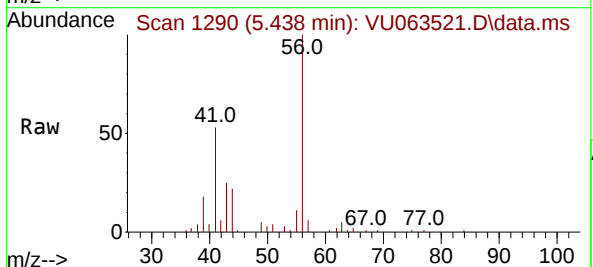
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

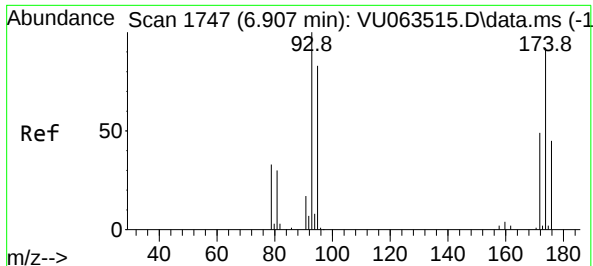
Tgt Ion:	42	Resp:	5866
Ion	Ratio	Lower	Upper
42	100		
72	41.9	39.2	58.8
71	37.7	34.8	52.2



#42
1-Chlorobutane
Concen: 2.062 ug/l
RT: 5.438 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion:	56	Resp:	26277
Ion	Ratio	Lower	Upper
56	100		
41	50.5	26.7	80.0

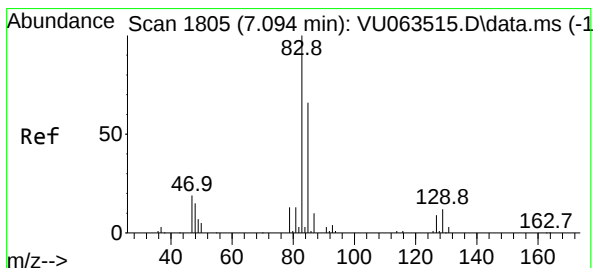
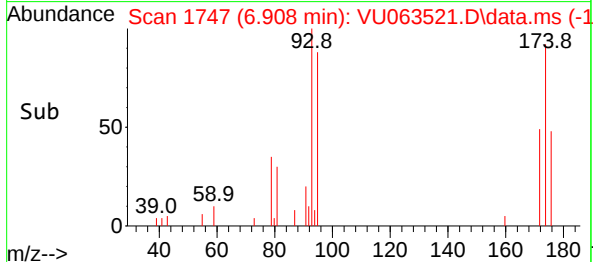
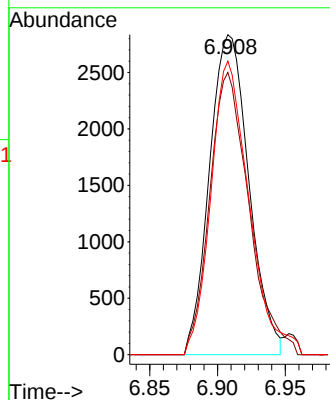
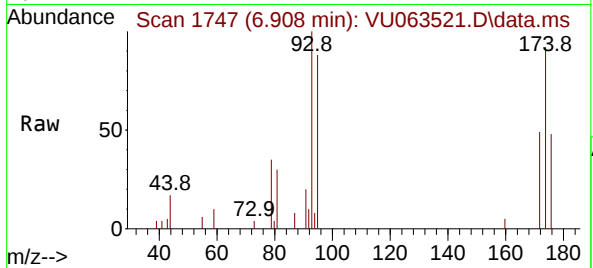




#43
Dibromomethane
Concen: 1.838 ug/l
RT: 6.908 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

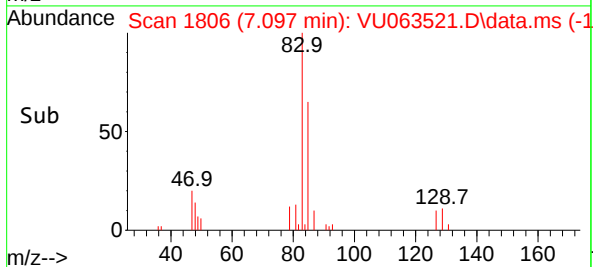
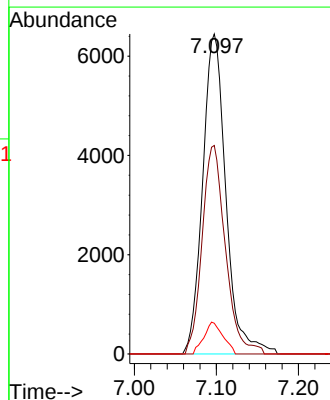
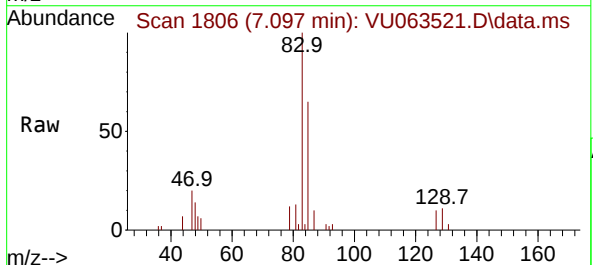
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

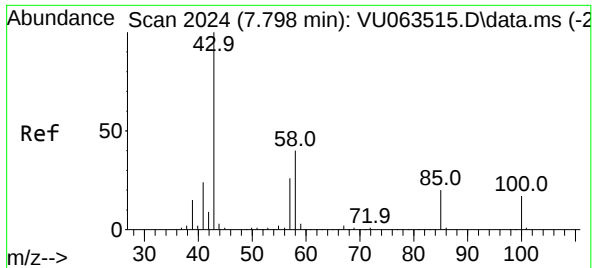
Tgt Ion: 93 Resp: 5740
Ion Ratio Lower Upper
93 100
95 87.8 67.9 101.9
174 88.9 74.6 111.8



#44
Bromodichloromethane
Concen: 1.802 ug/l
RT: 7.097 min Scan# 1806
Delta R.T. 0.004 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion: 83 Resp: 12690
Ion Ratio Lower Upper
83 100
85 65.2 52.7 79.1
127 9.6 8.1 12.1

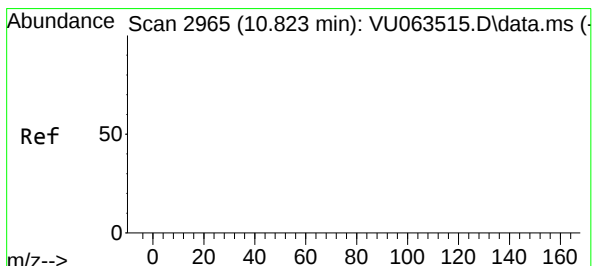
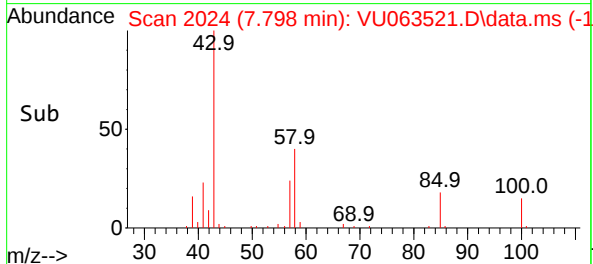
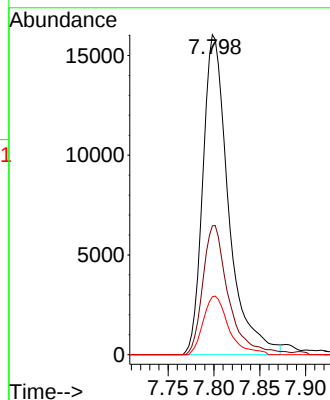
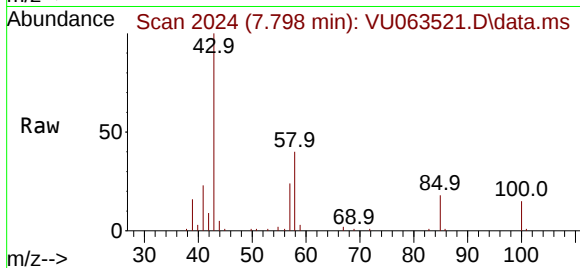




#45
4-Methyl-2-Pentanone
Concen: 9.714 ug/l
RT: 7.798 min Scan# 2024
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

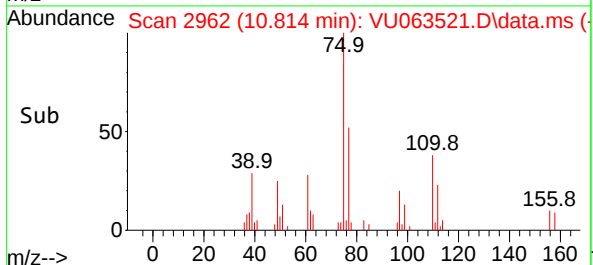
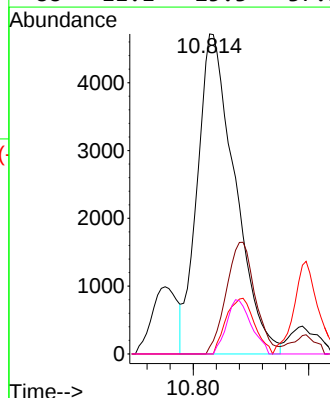
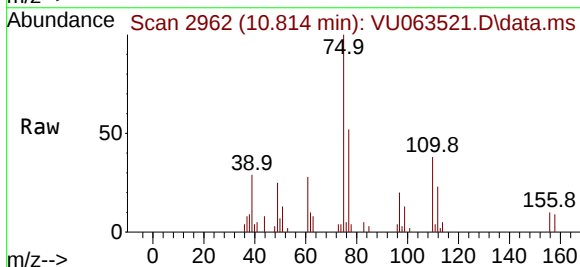
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

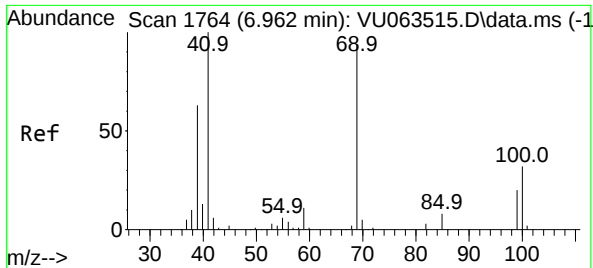
Tgt Ion: 43 Resp: 31264
Ion Ratio Lower Upper
43 100
58 40.5 20.0 60.0
85 18.1 15.4 23.0



#46
t-1,4-Dichloro-2-butene
Concen: 8.811 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.009 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion: 75 Resp: 10645
Ion Ratio Lower Upper
75 100
53 27.1 48.4 72.6#
89 13.1 30.6 45.8#
88 11.1 25.3 37.9#

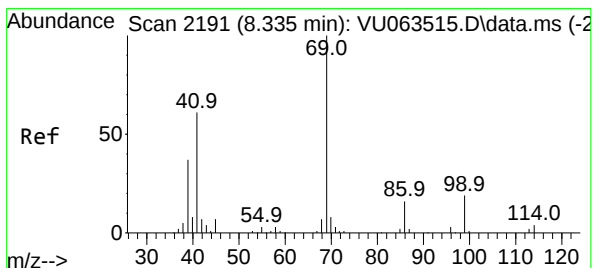
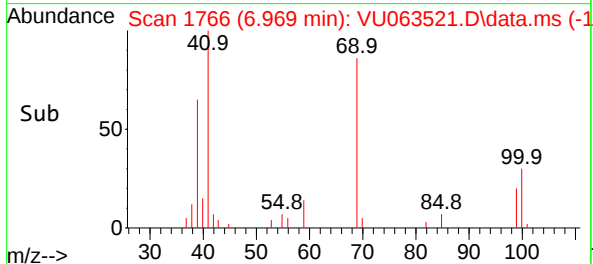
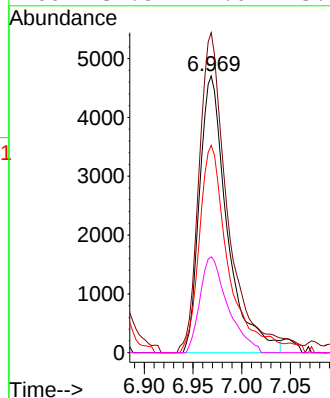
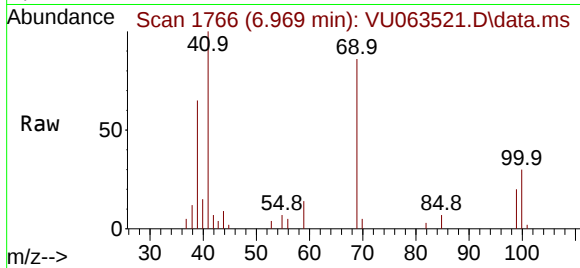




#47
Methyl methacrylate
Concen: 3.541 ug/l
RT: 6.969 min Scan# 1766
Delta R.T. 0.007 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

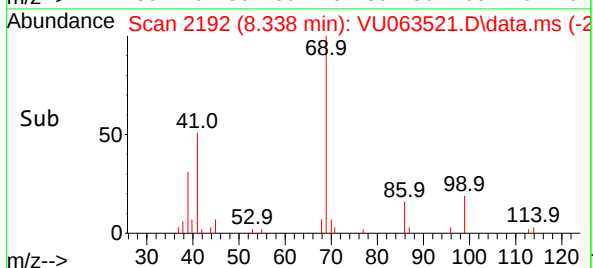
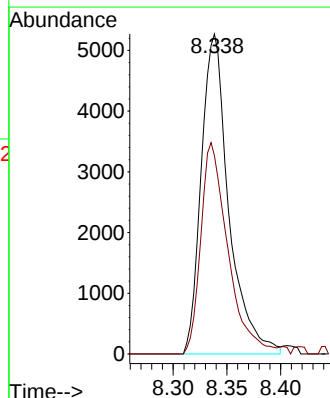
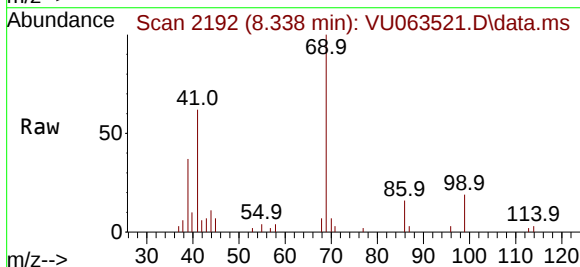
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

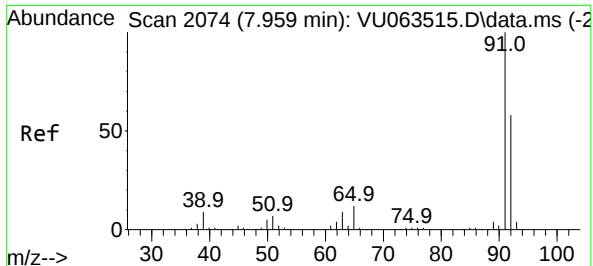
Tgt Ion:	69	Resp:	9287
Ion	Ratio	Lower	Upper
69	100		
41	121.4	0.0	224.0
39	78.2	55.3	82.9
100	34.8	29.0	43.6



#48
Ethyl methacrylate
Concen: 1.877 ug/l
RT: 8.338 min Scan# 2192
Delta R.T. 0.004 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion:	69	Resp:	9397
Ion	Ratio	Lower	Upper
69	100		
41	64.9	30.8	92.4





#49

Toluene

Concen: 1.885 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.004 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA_U

ClientSampleId :

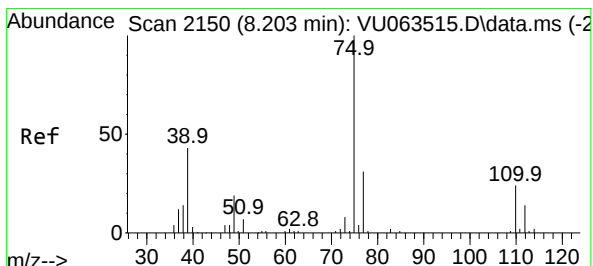
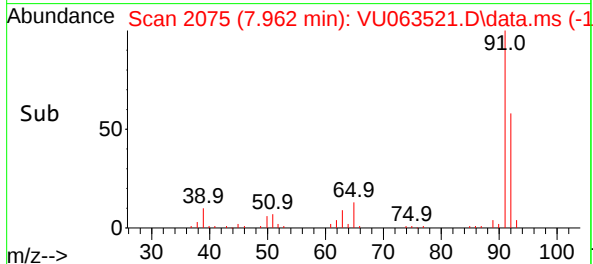
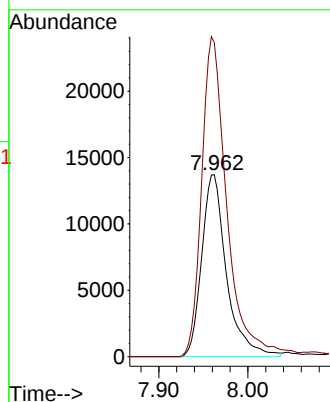
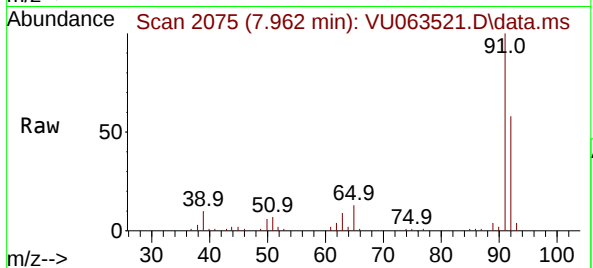
VU0717WBS01

Tgt Ion: 92 Resp: 26503

Ion Ratio Lower Upper

92 100

91 179.8 140.4 210.6



#50

t-1,3-Dichloropropene

Concen: 1.645 ug/l

RT: 8.207 min Scan# 2151

Delta R.T. 0.004 min

Lab File: VU063521.D

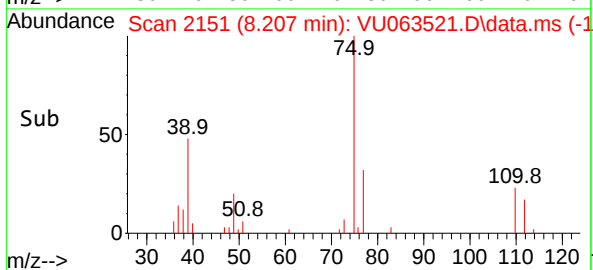
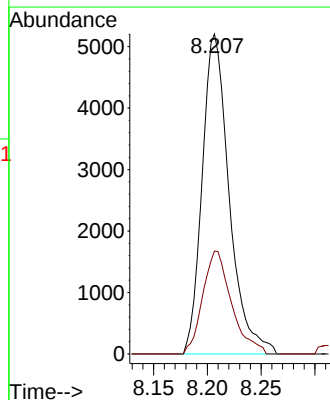
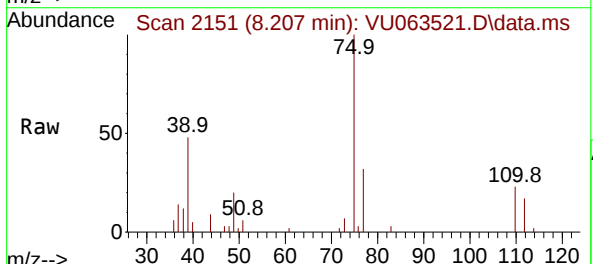
Acq: 17 Jul 2025 12:43

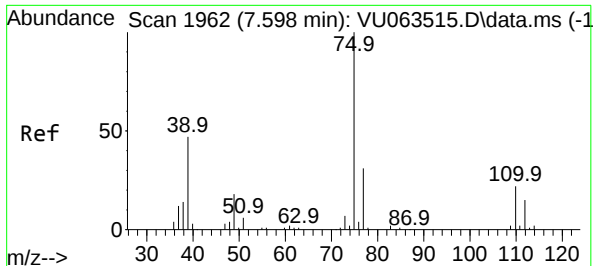
Tgt Ion: 75 Resp: 9090

Ion Ratio Lower Upper

75 100

77 32.2 24.9 37.3

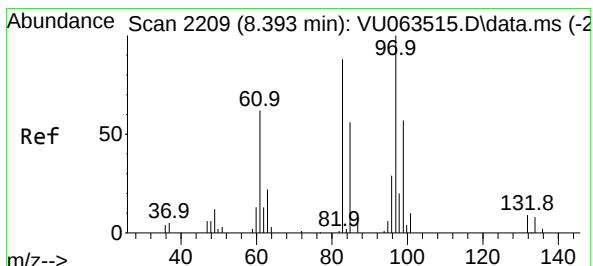
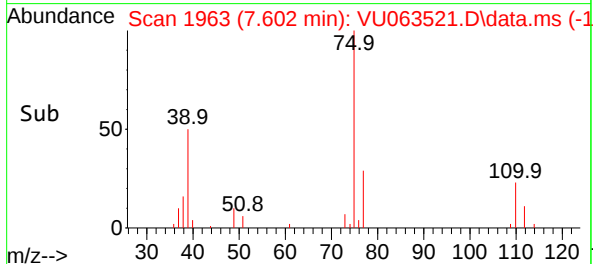
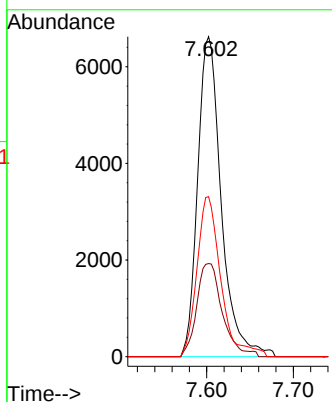
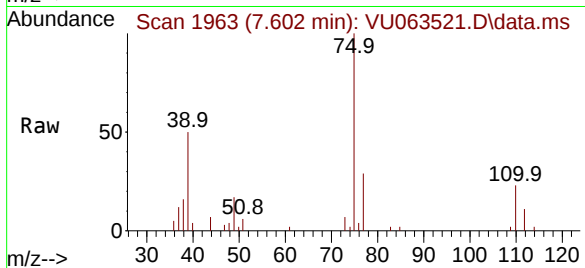




#51
 cis-1,3-Dichloropropene
 Concen: 1.692 ug/l
 RT: 7.602 min Scan# 1963
 Delta R.T. 0.004 min
 Lab File: VU063521.D
 Acq: 17 Jul 2025 12:43

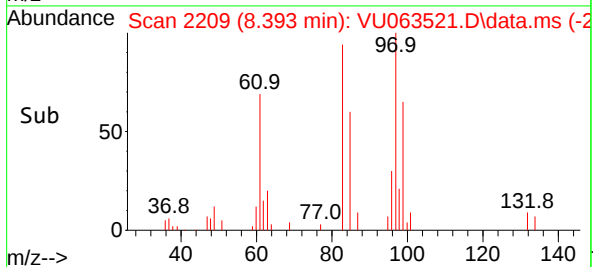
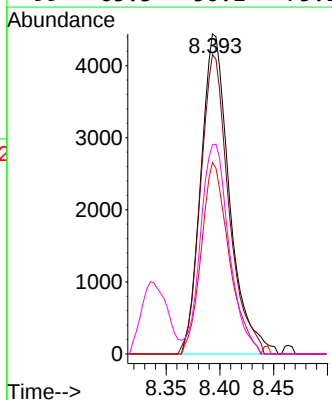
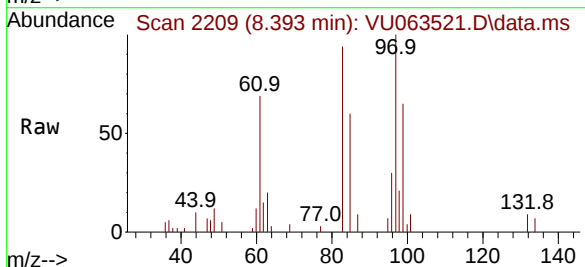
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0717WBS01

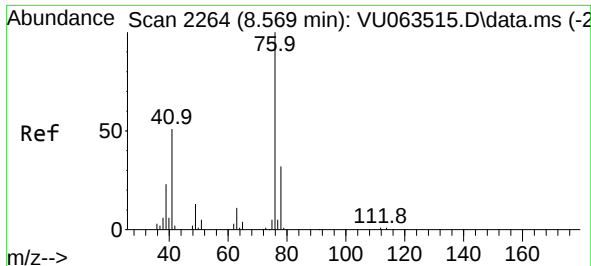
Tgt Ion:	75	Resp:	12550
Ion	Ratio	Lower	Upper
75	100		
77	29.1	25.1	37.7
39	50.0	37.8	56.6



#52
 1,1,2-Trichloroethane
 Concen: 1.957 ug/l
 RT: 8.393 min Scan# 2209
 Delta R.T. 0.000 min
 Lab File: VU063521.D
 Acq: 17 Jul 2025 12:43

Tgt Ion:	97	Resp:	8229
Ion	Ratio	Lower	Upper
97	100		
83	93.6	70.2	105.2
85	59.8	45.2	67.8
99	65.3	50.1	75.1





#53

1,3-Dichloropropane

Concen: 1.956 ug/l

RT: 8.570 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA_U

ClientSampleId :

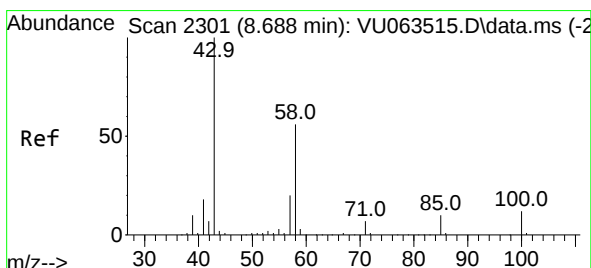
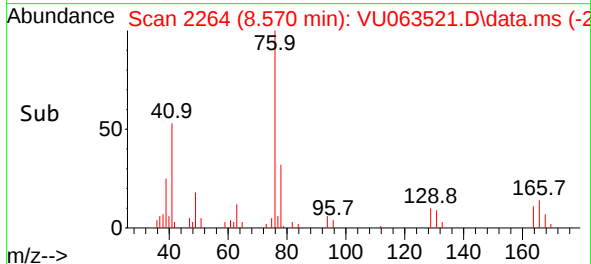
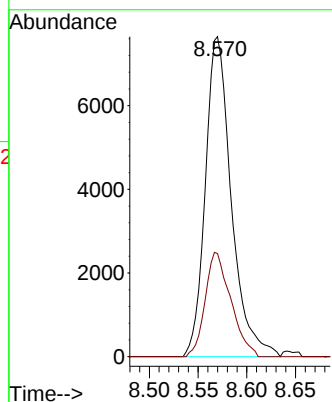
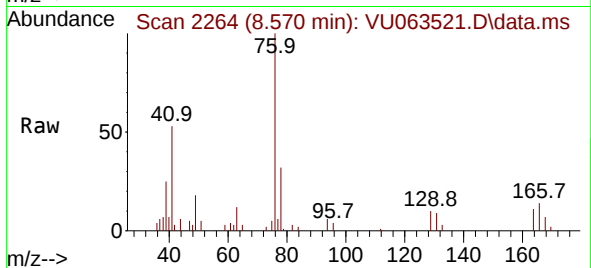
VU0717WBS01

Tgt Ion: 76 Resp: 14200

Ion Ratio Lower Upper

76 100

78 32.2 26.0 39.0



#54

2-Hexanone

Concen: 10.196 ug/l

RT: 8.692 min Scan# 2302

Delta R.T. 0.004 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

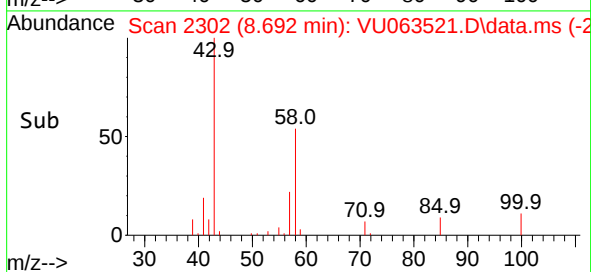
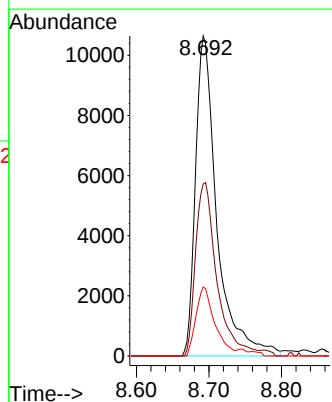
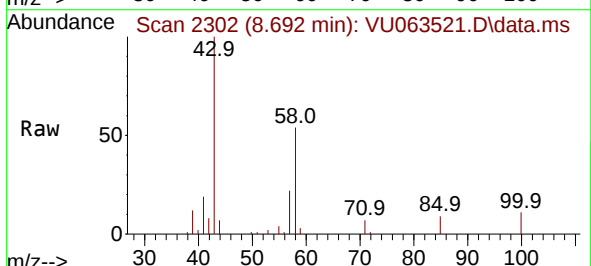
Tgt Ion: 43 Resp: 21798

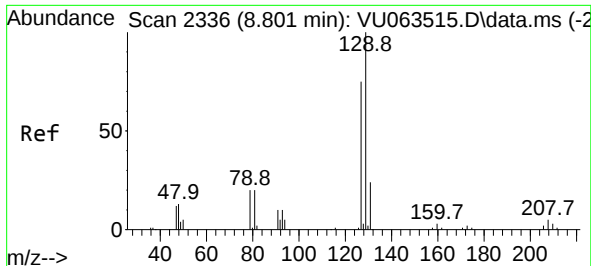
Ion Ratio Lower Upper

43 100

58 53.9 34.8 74.8

57 19.0 0.0 39.5

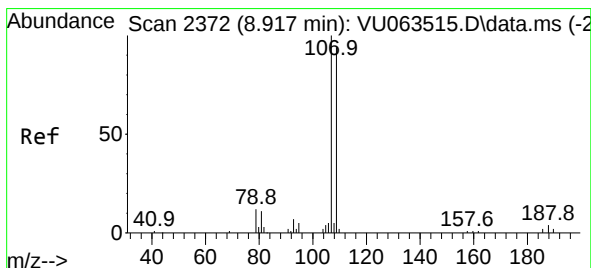
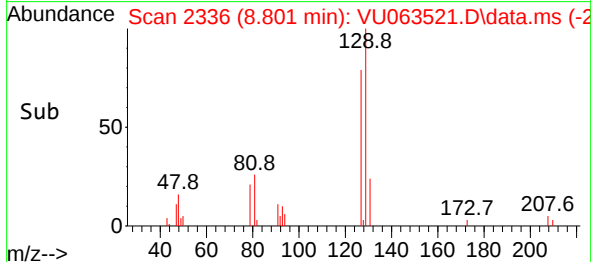
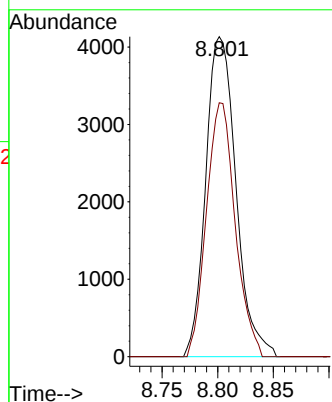
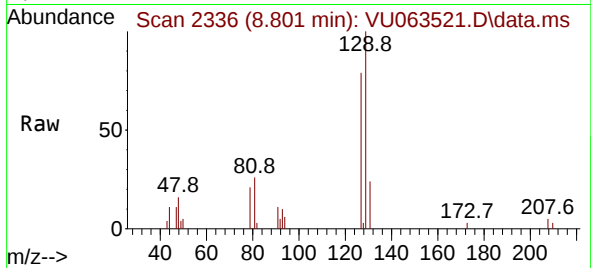




#55
Dibromochloromethane
Concen: 1.760 ug/l
RT: 8.801 min Scan# 2336
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

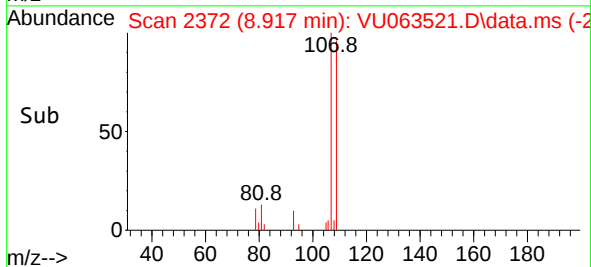
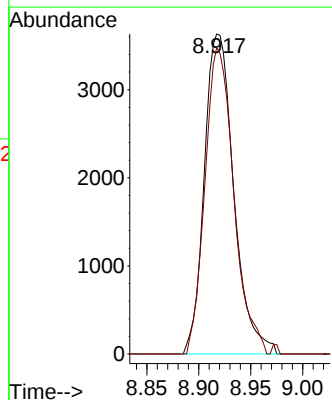
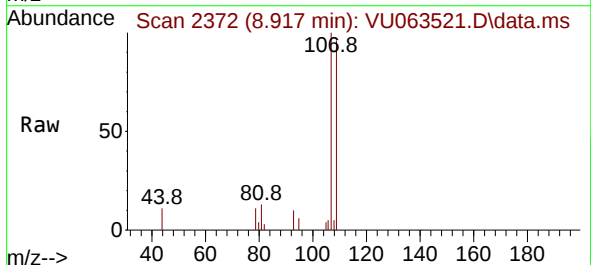
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

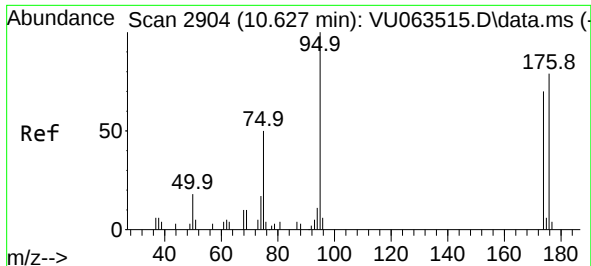
Tgt Ion:129 Resp: 7818
Ion Ratio Lower Upper
129 100
127 75.2 60.1 90.1



#56
1,2-Dibromoethane
Concen: 1.904 ug/l
RT: 8.917 min Scan# 2372
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion:107 Resp: 7165
Ion Ratio Lower Upper
107 100
109 93.4 0.0 186.4





#57

4-Bromofluorobenzene

Concen: 0.995 ug/l

RT: 10.628 min Scan# 2904

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0717WBS01

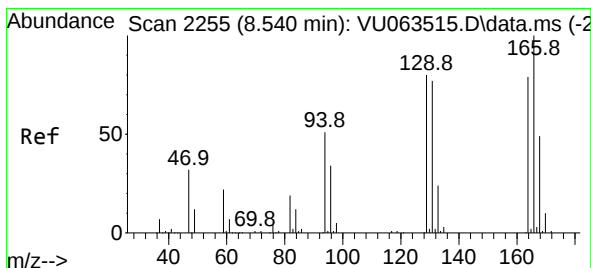
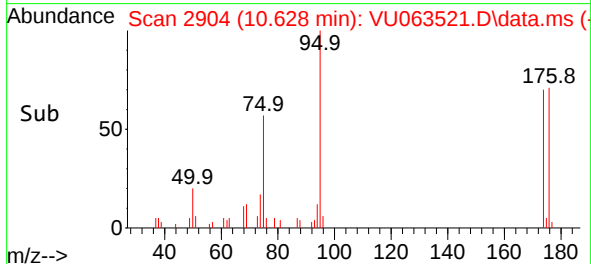
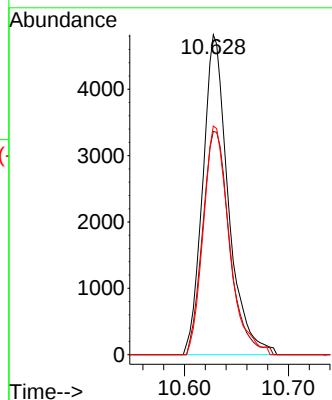
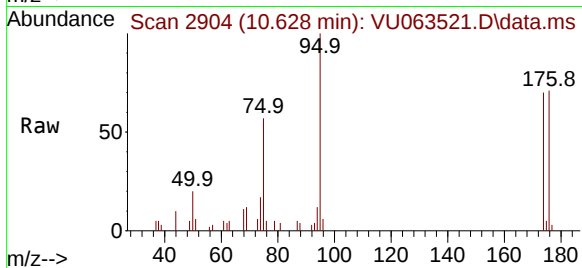
Tgt Ion: 95 Resp: 8236

Ion Ratio Lower Upper

95 100

174 73.6 59.8 89.8

176 72.5 61.8 92.8



#58

Tetrachloroethene

Concen: 1.896 ug/l

RT: 8.541 min Scan# 2255

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Tgt Ion: 164 Resp: 11402

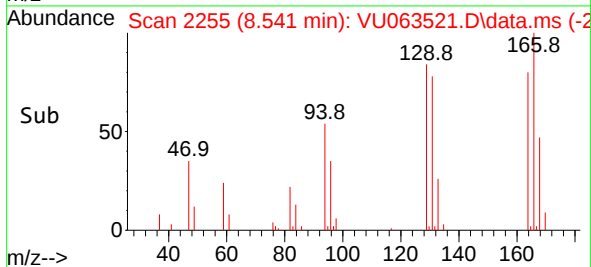
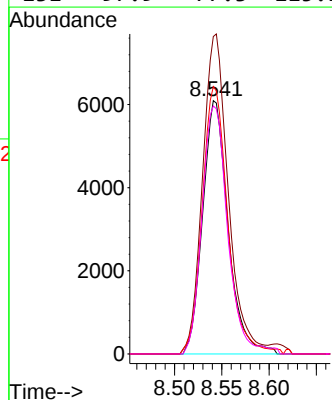
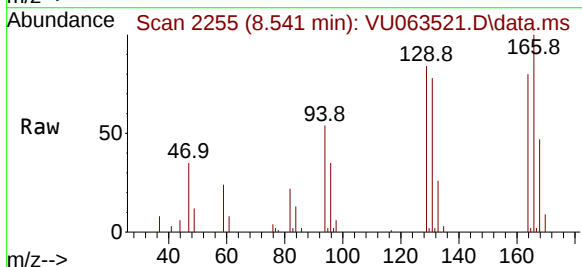
Ion Ratio Lower Upper

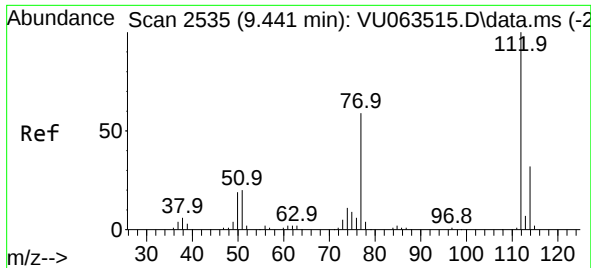
164 100

166 125.3 100.7 151.1

129 105.5 80.6 120.8

131 97.9 77.3 115.9

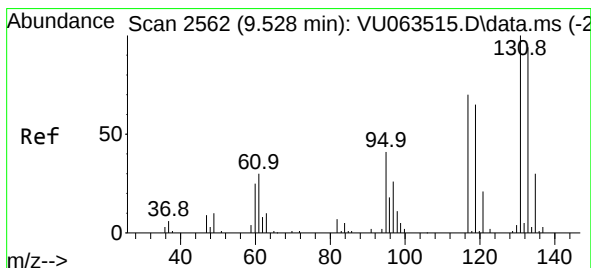
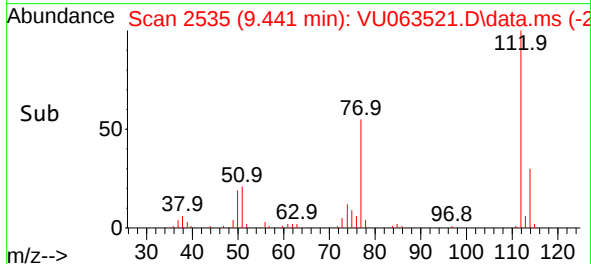
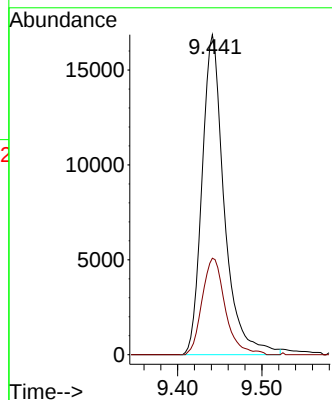
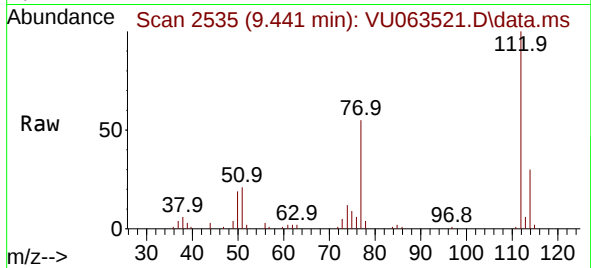




#59
Chlorobenzene
Concen: 1.916 ug/l
RT: 9.441 min Scan# 2535
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

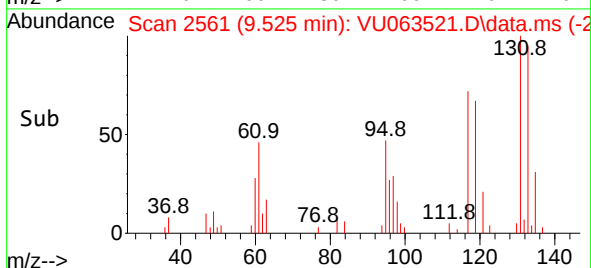
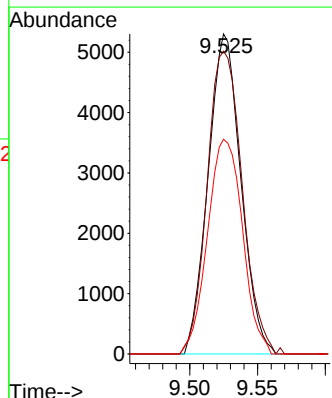
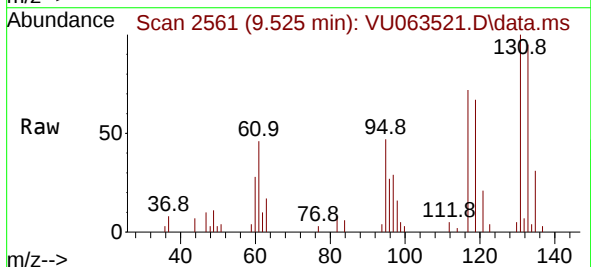
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

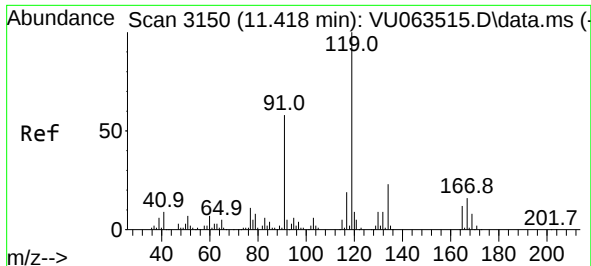
Tgt Ion:112 Resp: 30941
Ion Ratio Lower Upper
112 100
114 30.1 25.4 38.2



#60
1,1,1,2-Tetrachloroethane
Concen: 1.717 ug/l
RT: 9.525 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion:131 Resp: 8917
Ion Ratio Lower Upper
131 100
133 101.3 74.7 112.1
119 71.6 53.0 79.4

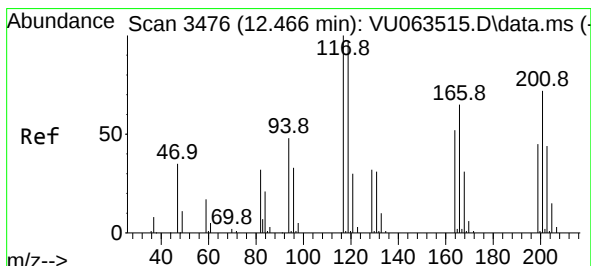
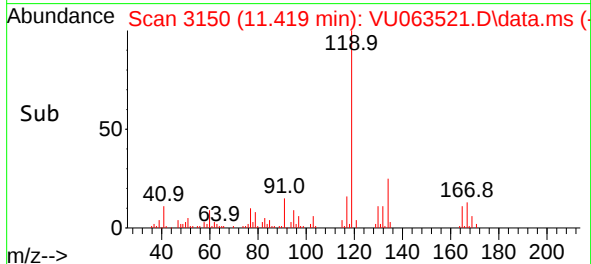
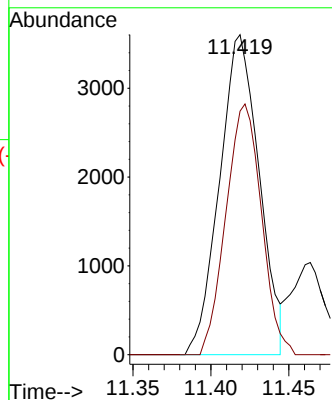
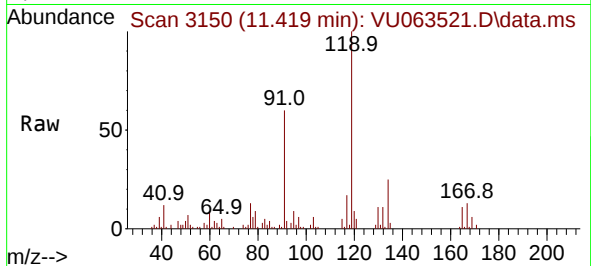




#61
 Pentachloroethane
 Concen: 1.737 ug/l
 RT: 11.419 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU063521.D
 Acq: 17 Jul 2025 12:43

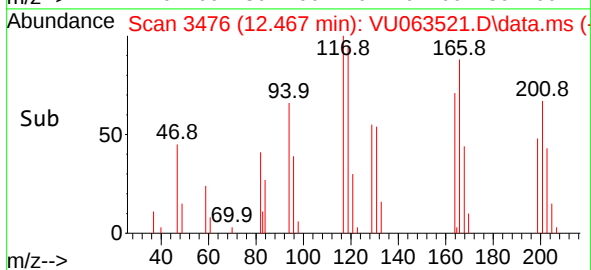
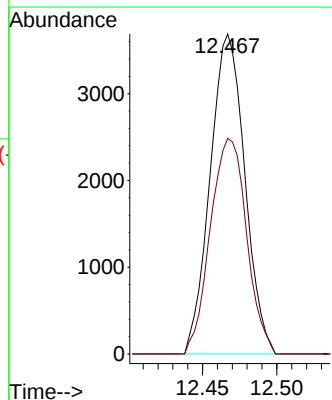
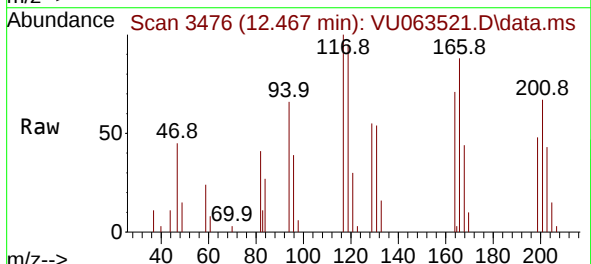
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0717WBS01

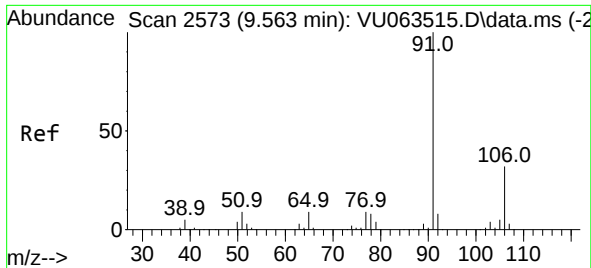
Tgt Ion:117 Resp: 6375
 Ion Ratio Lower Upper
 117 100
 167 70.2 65.0 97.6



#62
 Hexachloroethane
 Concen: 1.644 ug/l
 RT: 12.467 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VU063521.D
 Acq: 17 Jul 2025 12:43

Tgt Ion:117 Resp: 5976
 Ion Ratio Lower Upper
 117 100
 201 70.6 57.4 86.0

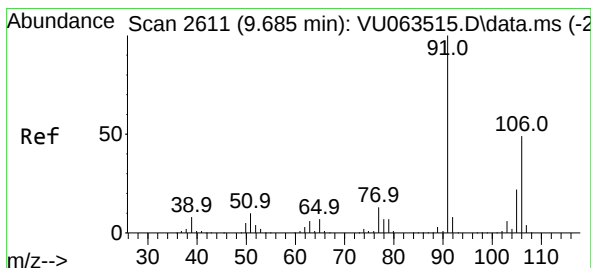
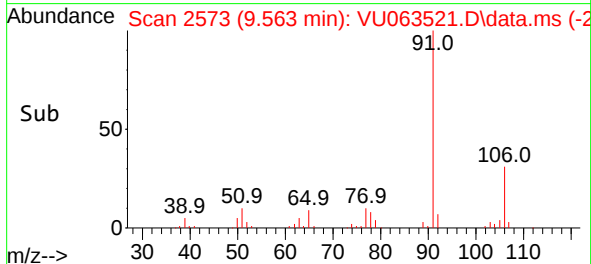
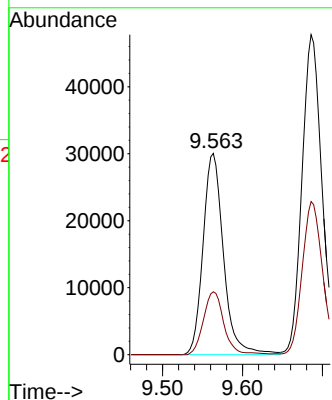
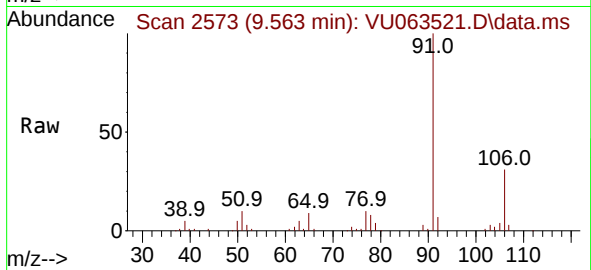




#63
Ethyl Benzene
Concen: 1.929 ug/l
RT: 9.563 min Scan# 2573
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

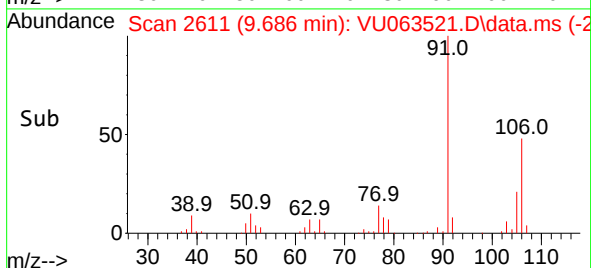
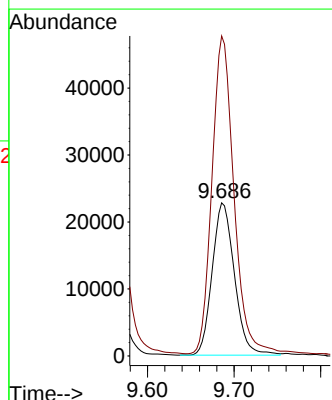
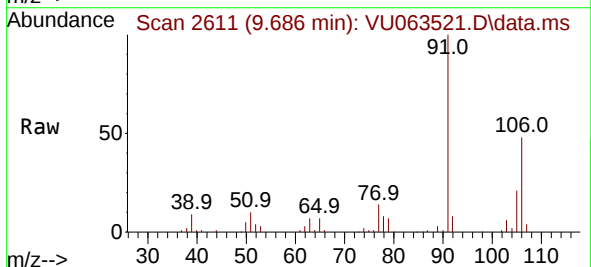
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

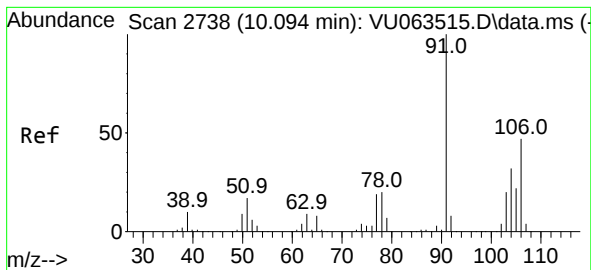
Tgt Ion: 91 Resp: 53621
Ion Ratio Lower Upper
91 100
106 31.2 25.4 38.0



#64
m/p-Xylenes
Concen: 3.770 ug/l
RT: 9.686 min Scan# 2611
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion:106 Resp: 40731
Ion Ratio Lower Upper
106 100
91 207.2 163.6 245.4





#65

o-Xylene

Concen: 1.957 ug/l

RT: 10.094 min Scan# 2738

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA_U

ClientSampleId :

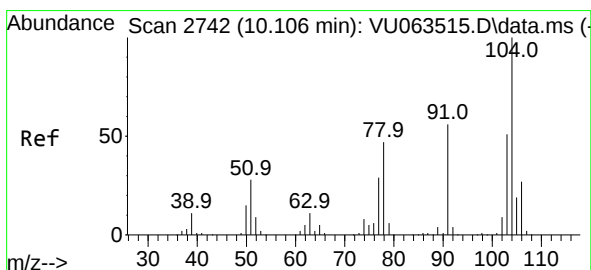
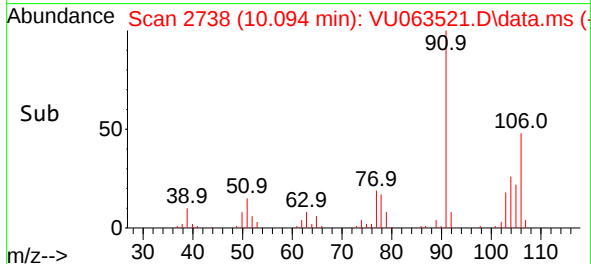
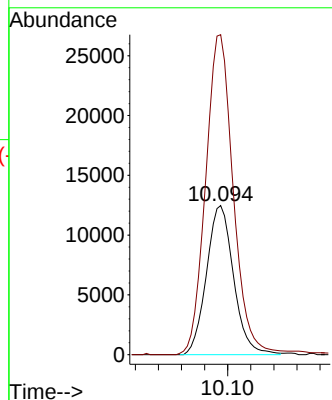
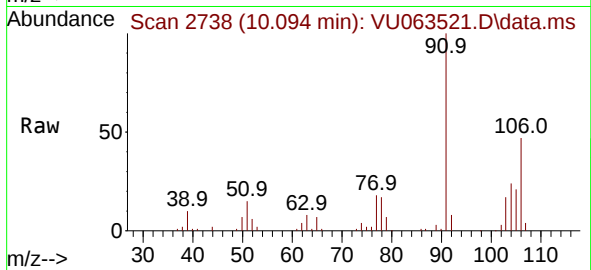
VU0717WBS01

Tgt Ion:106 Resp: 20319

Ion Ratio Lower Upper

106 100

91 221.2 108.1 324.4



#66

Styrene

Concen: 1.908 ug/l

RT: 10.110 min Scan# 2743

Delta R.T. 0.004 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

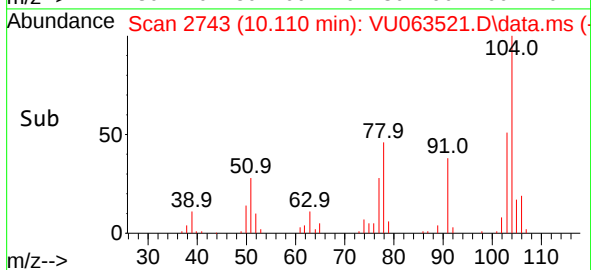
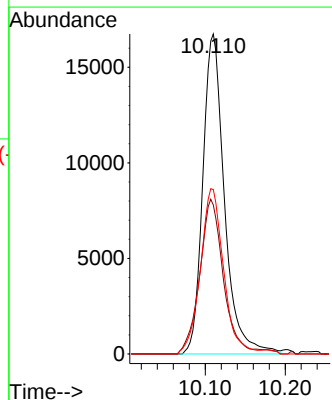
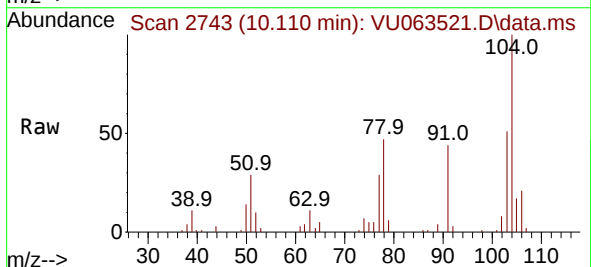
Tgt Ion:104 Resp: 31561

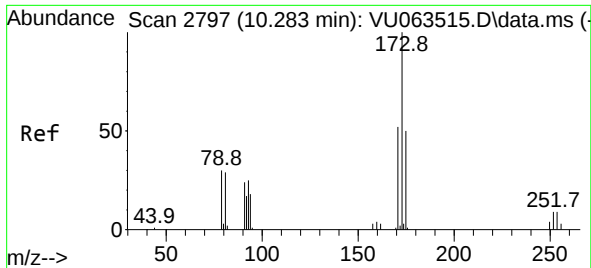
Ion Ratio Lower Upper

104 100

78 53.4 41.3 61.9

103 55.2 43.6 65.4

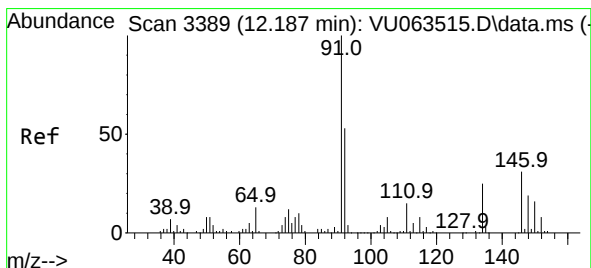
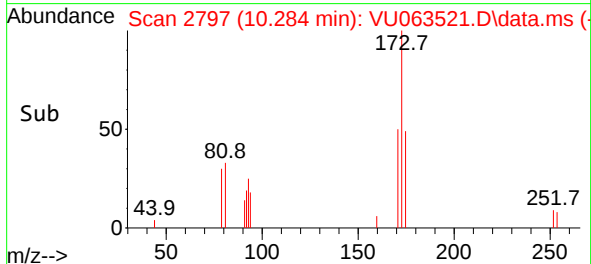
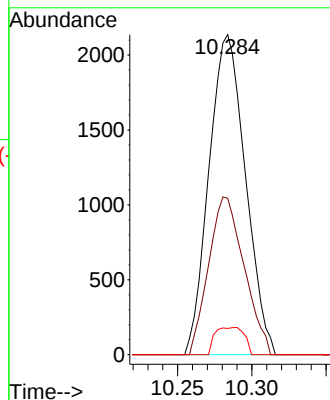
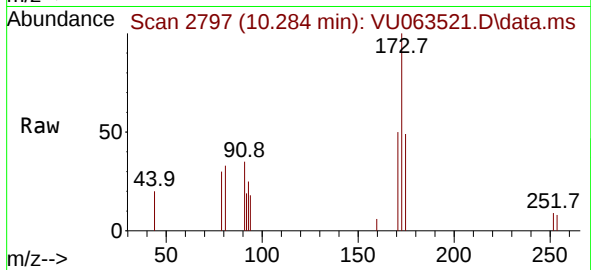




#67
Bromoform
Concen: 1.597 ug/l
RT: 10.284 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

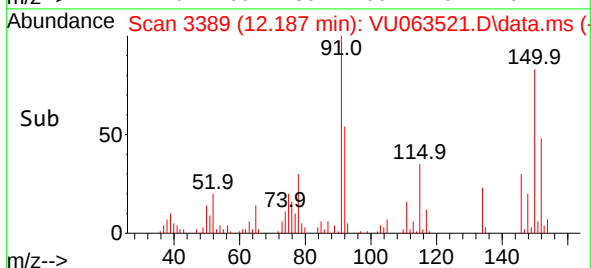
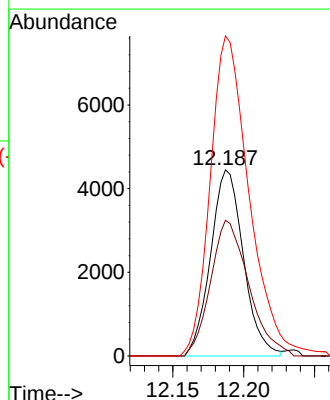
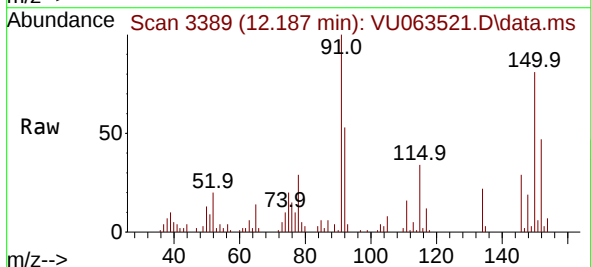
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

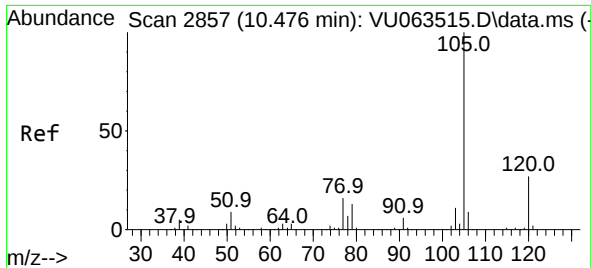
Tgt Ion:173 Resp: 3644
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.4
254 6.8 6.5 9.7



#68
1,2-Dichlorobenzene-d4
Concen: 0.936 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion:152 Resp: 7166
Ion Ratio Lower Upper
152 100
115 84.6 0.0 262.2
150 204.2 0.0 651.2

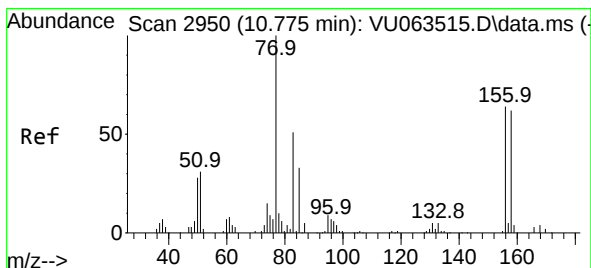
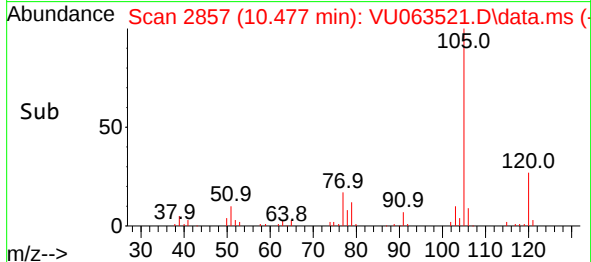
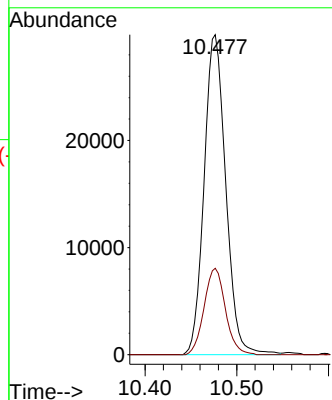
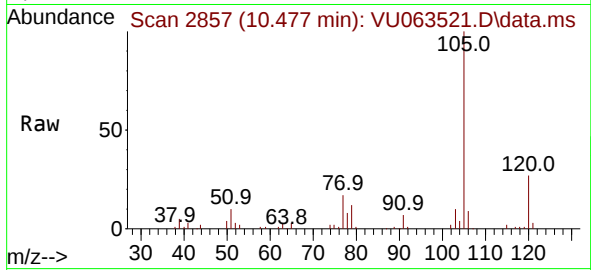




#69
Isopropylbenzene
Concen: 1.952 ug/l
RT: 10.477 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

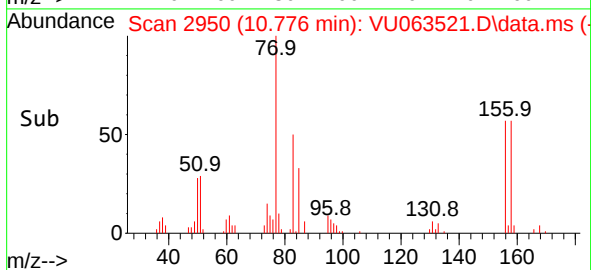
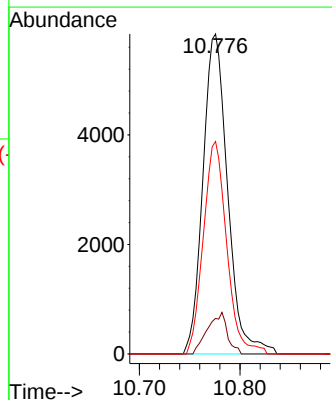
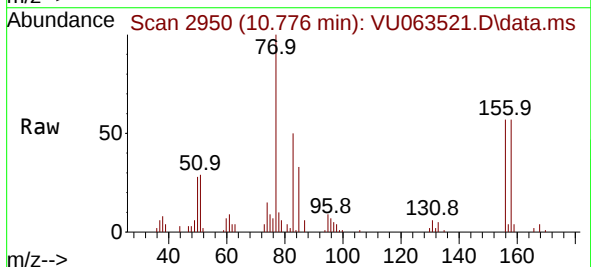
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

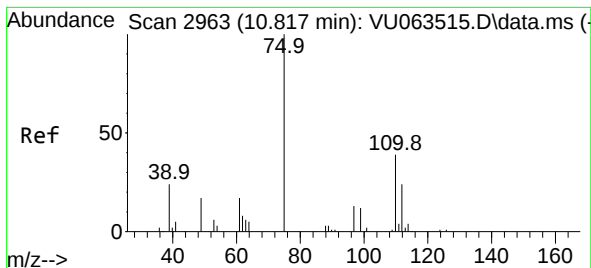
Tgt Ion:105 Resp: 48988
Ion Ratio Lower Upper
105 100
120 26.5 13.2 39.5



#70
1,1,2,2-Tetrachloroethane
Concen: 1.948 ug/l
RT: 10.776 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion: 83 Resp: 9968
Ion Ratio Lower Upper
83 100
131 10.4 8.4 12.6
85 62.7 51.9 77.9





#71

1,2,3-Trichloropropane

Concen: 2.562 ug/l

RT: 10.814 min Scan# 2963

Delta R.T. -0.003 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0717WBS01

Tgt Ion: 75 Resp: 10645

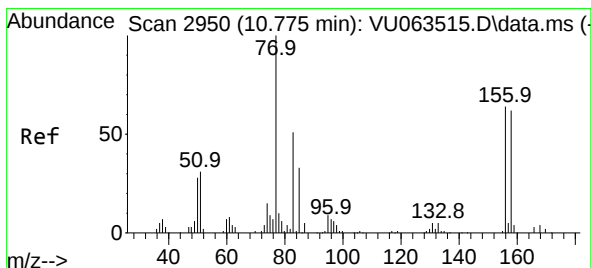
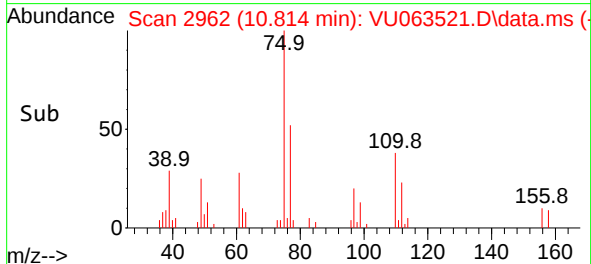
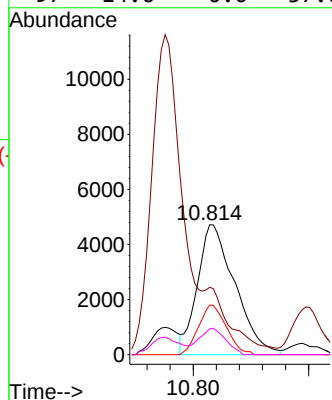
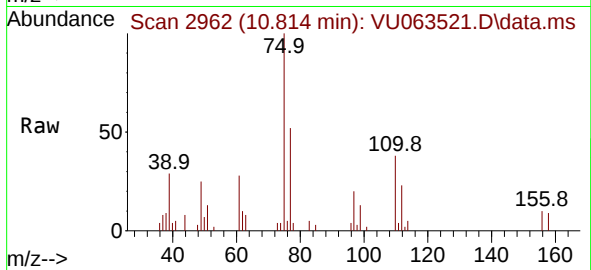
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 28.4 0.0 73.2

97 14.6 0.0 37.6



#72

Bromobenzene

Concen: 1.868 ug/l

RT: 10.776 min Scan# 2950

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

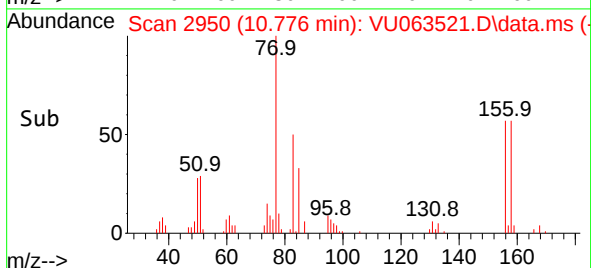
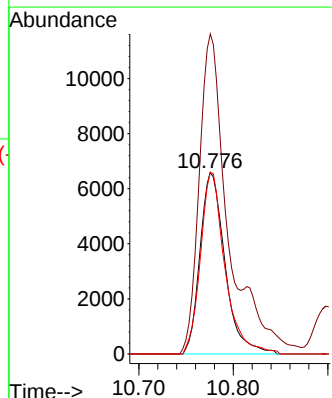
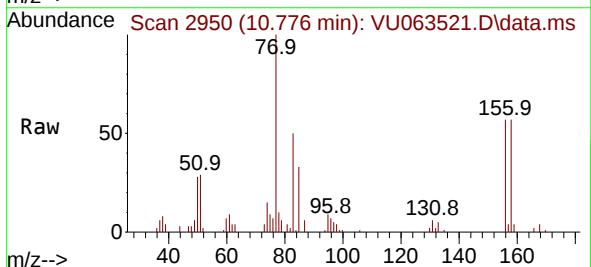
Tgt Ion:156 Resp: 12098

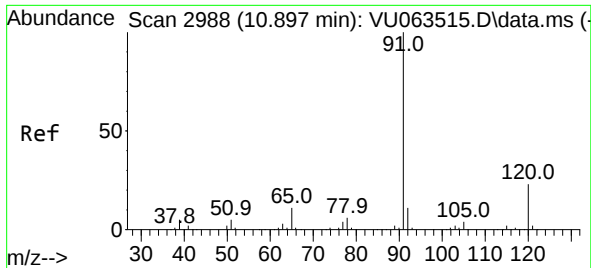
Ion Ratio Lower Upper

156 100

77 174.0 0.0 315.2

158 98.3 0.0 195.4

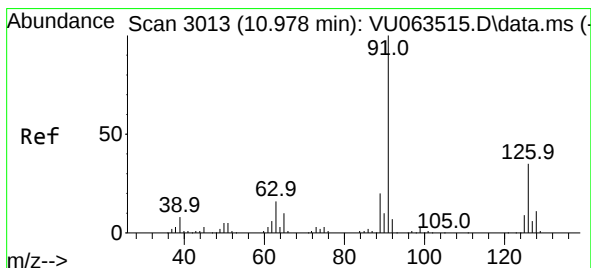
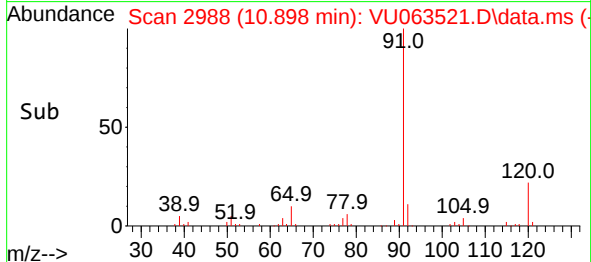
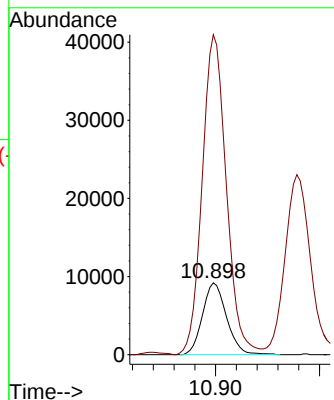
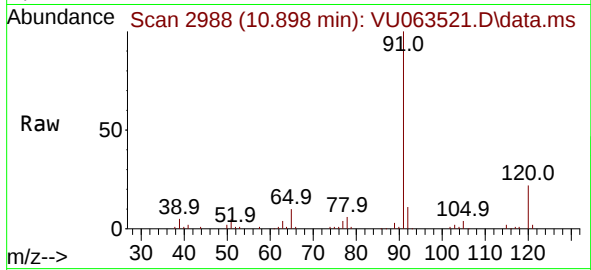




#73
n-propylbenzene
Concen: 1.956 ug/l
RT: 10.898 min Scan# 2988
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

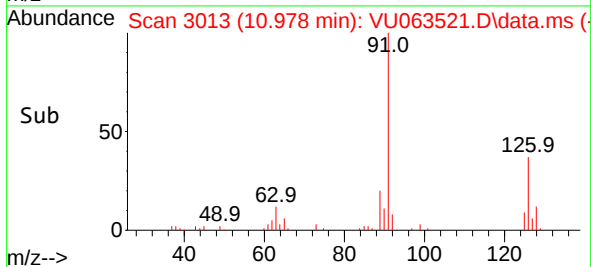
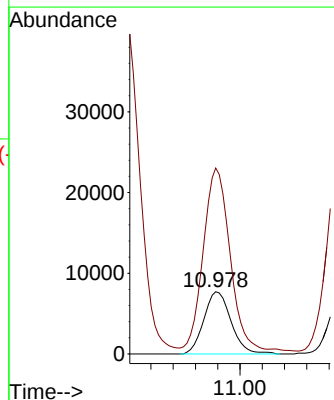
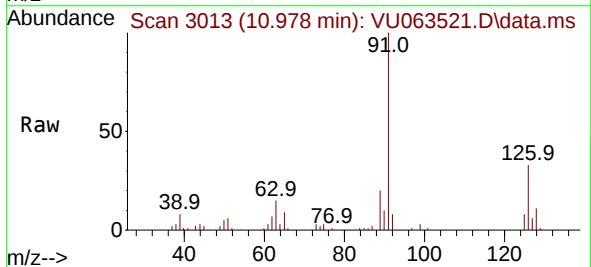
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

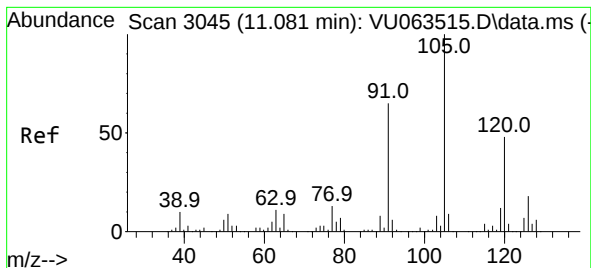
Tgt Ion:120 Resp: 14781
Ion Ratio Lower Upper
120 100
91 446.9 343.1 514.7



#74
2-Chlorotoluene
Concen: 1.957 ug/l
RT: 10.978 min Scan# 3013
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion:126 Resp: 13064
Ion Ratio Lower Upper
126 100
91 285.4 0.0 606.0





#75

1,3,5-Trimethylbenzene

Concen: 1.938 ug/l

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA_U

ClientSampleId :

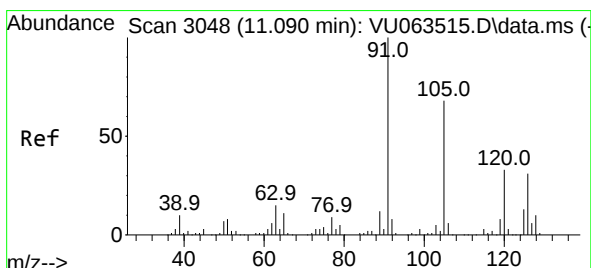
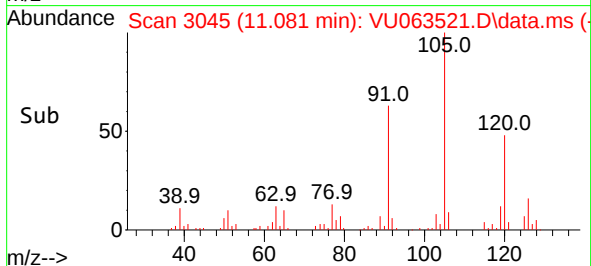
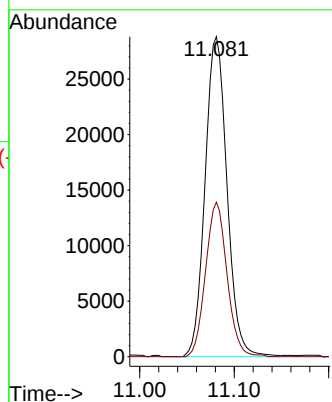
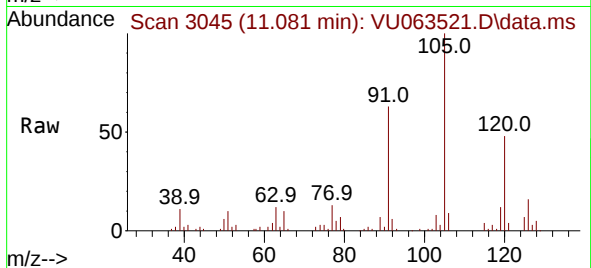
VU0717WBS01

Tgt Ion:105 Resp: 46460

Ion Ratio Lower Upper

105 100

120 47.2 37.8 56.8



#76

4-Chlorotoluene

Concen: 1.973 ug/l

RT: 11.091 min Scan# 3048

Delta R.T. 0.000 min

Lab File: VU063521.D

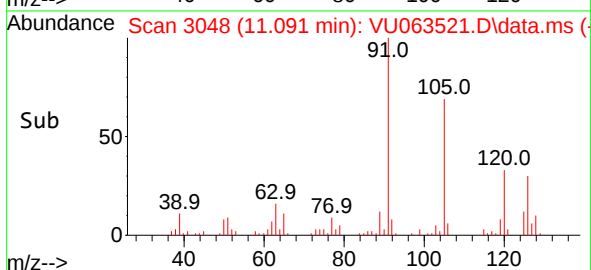
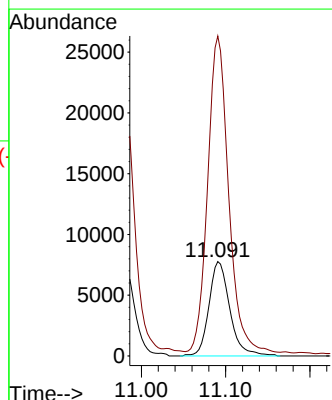
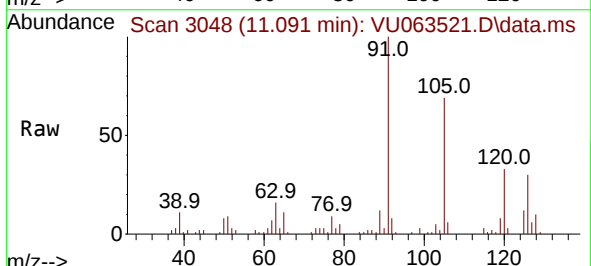
Acq: 17 Jul 2025 12:43

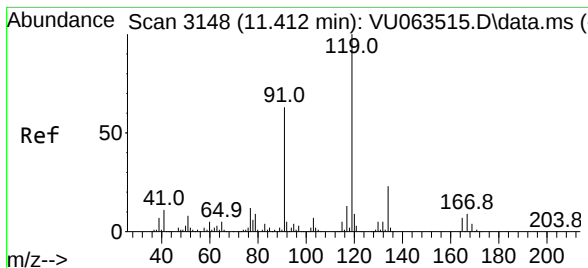
Tgt Ion:126 Resp: 13377

Ion Ratio Lower Upper

126 100

91 334.9 0.0 682.2





#77

tert-Butylbenzene

Concen: 1.901 ug/l

RT: 11.412 min Scan# 3148

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0717WBS01

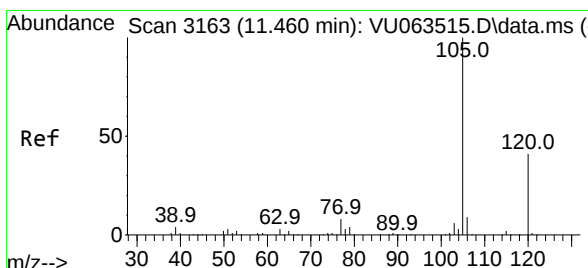
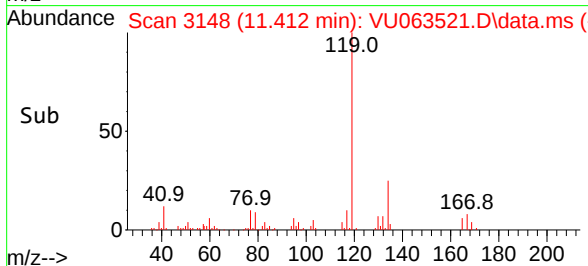
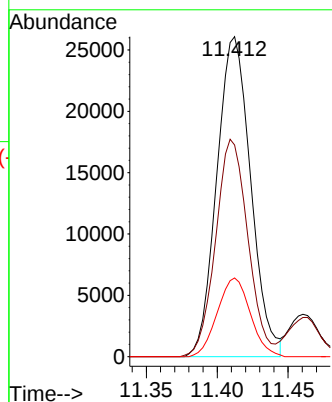
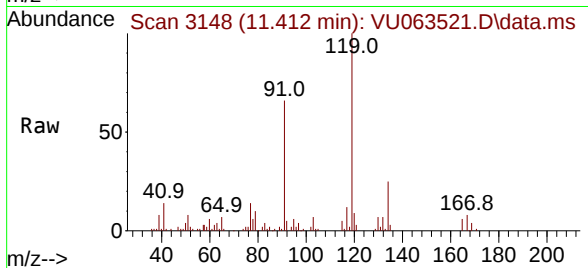
Tgt Ion:119 Resp: 43549

Ion Ratio Lower Upper

119 100

91 64.8 30.7 92.1

134 23.9 18.5 27.7



#78

1,2,4-Trimethylbenzene

Concen: 1.947 ug/l

RT: 11.460 min Scan# 3163

Delta R.T. 0.000 min

Lab File: VU063521.D

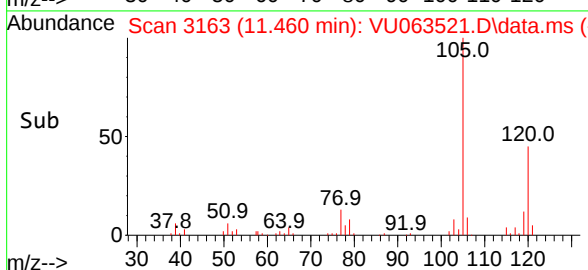
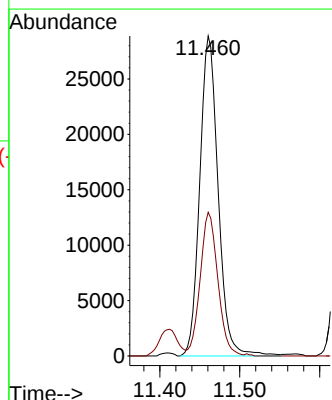
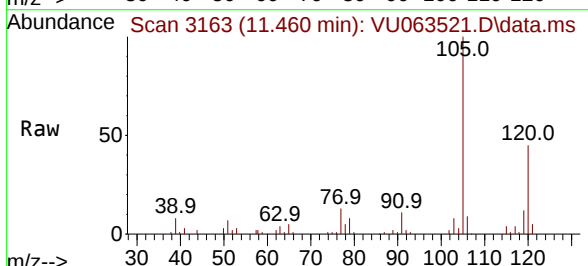
Acq: 17 Jul 2025 12:43

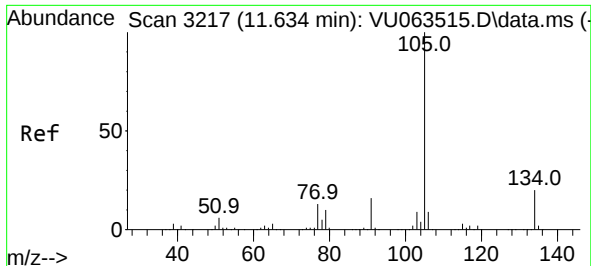
Tgt Ion:105 Resp: 46303

Ion Ratio Lower Upper

105 100

120 42.6 22.7 68.0

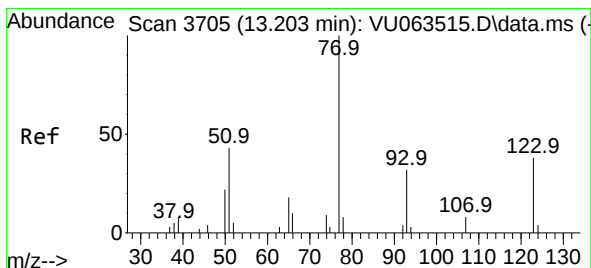
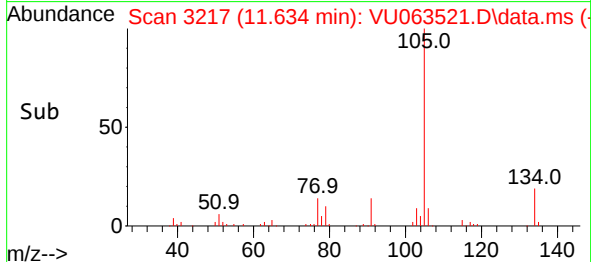
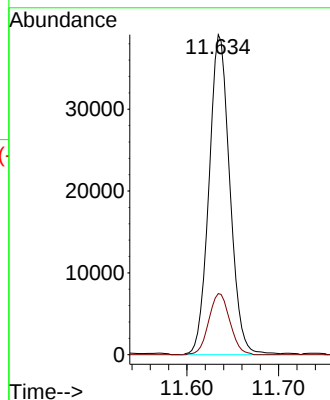
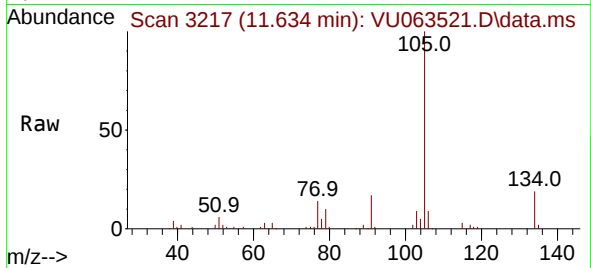




#79
 sec-Butylbenzene
 Concen: 1.994 ug/l
 RT: 11.634 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VU063521.D
 Acq: 17 Jul 2025 12:43

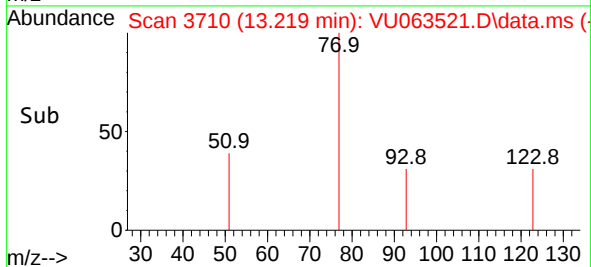
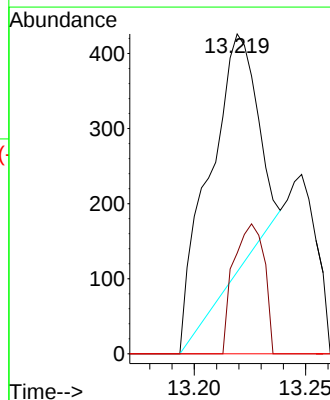
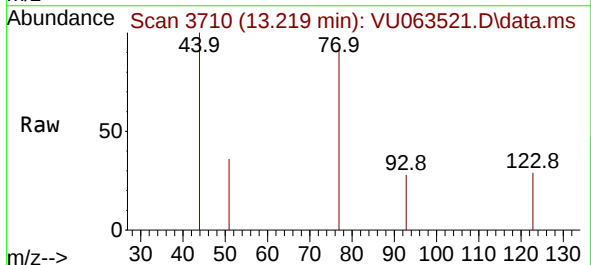
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0717WBS01

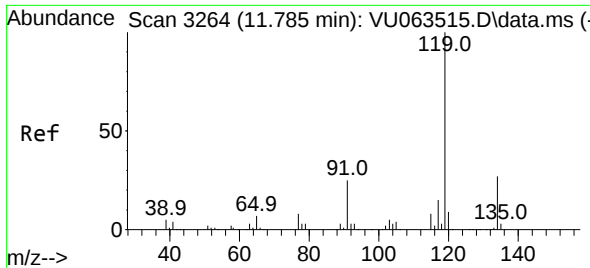
Tgt Ion:105 Resp: 61626
 Ion Ratio Lower Upper
 105 100
 134 19.4 16.2 24.4



#80
 Nitrobenzene
 Concen: 6.800 ug/l
 RT: 13.219 min Scan# 3710
 Delta R.T. 0.016 min
 Lab File: VU063521.D
 Acq: 17 Jul 2025 12:43

Tgt Ion: 77 Resp: 491
 Ion Ratio Lower Upper
 77 100
 123 33.6 16.9 59.7
 65 0.0 16.5 20.9#

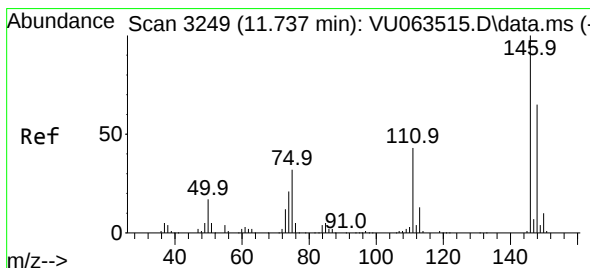
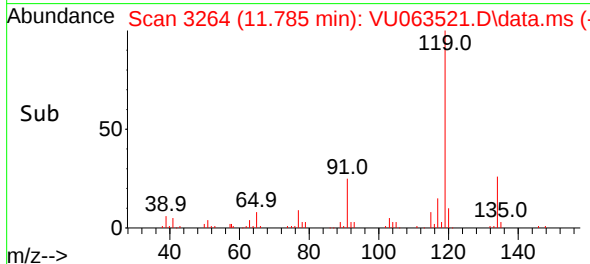
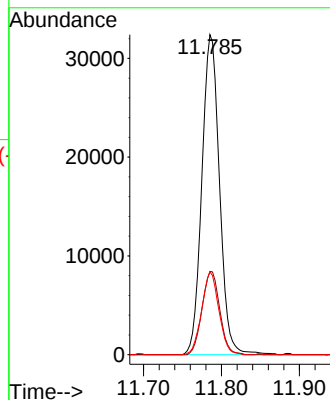
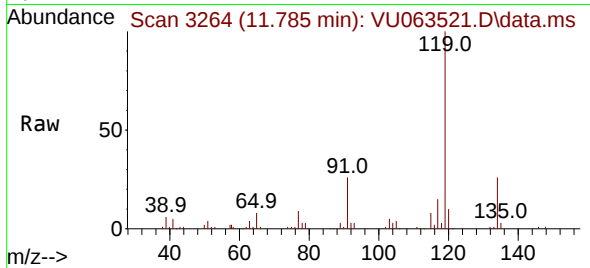




#81
p-Isopropyltoluene
Concen: 1.975 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

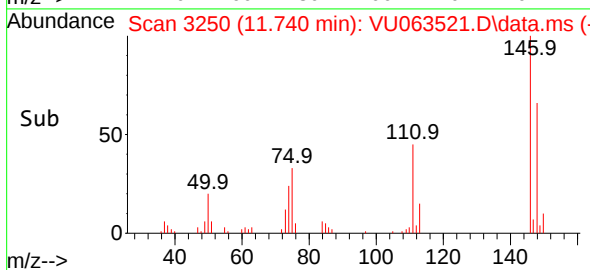
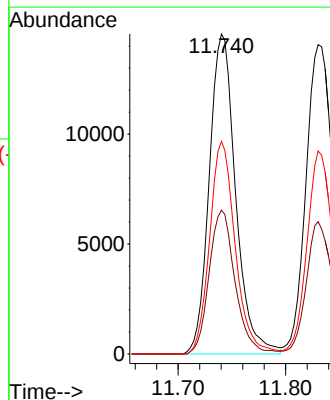
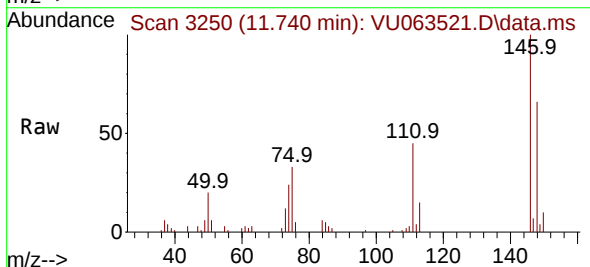
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

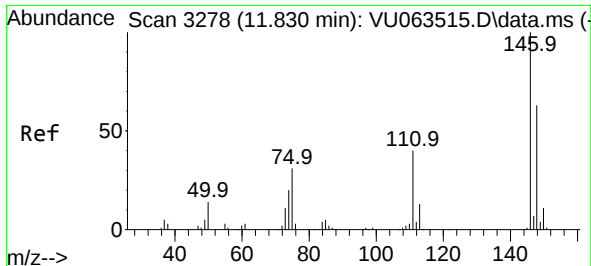
Tgt Ion:119 Resp: 50943
Ion Ratio Lower Upper
119 100
134 26.0 21.1 31.7
91 25.1 19.8 29.8



#82
1,3-Dichlorobenzene
Concen: 1.916 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.004 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion:146 Resp: 24826
Ion Ratio Lower Upper
146 100
111 44.3 33.8 50.6
148 64.5 51.5 77.3

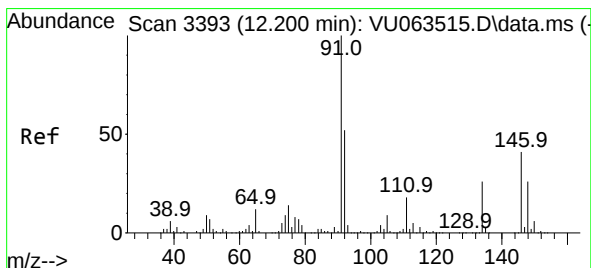
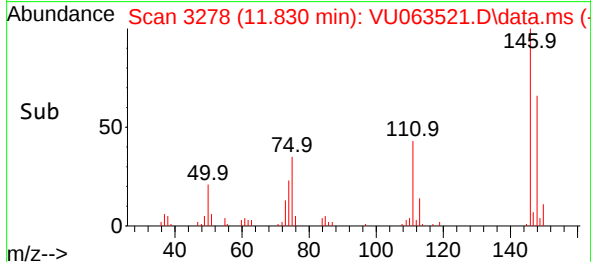
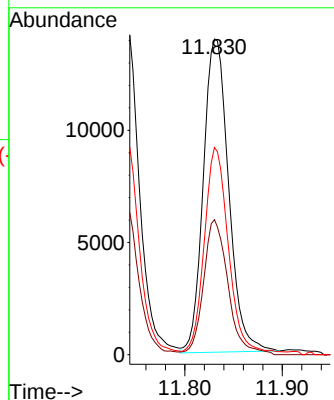
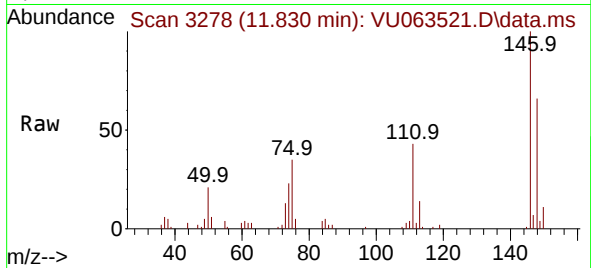




#83
1,4-Dichlorobenzene
Concen: 1.944 ug/l
RT: 11.830 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

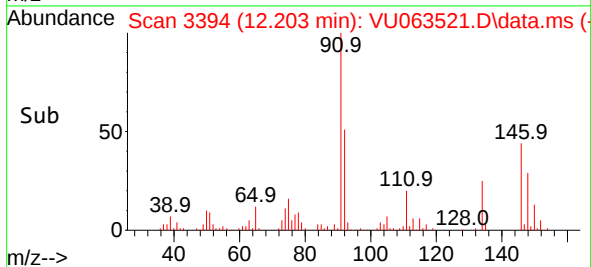
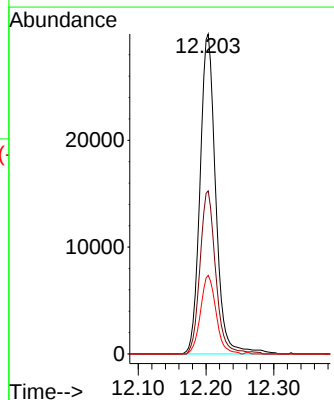
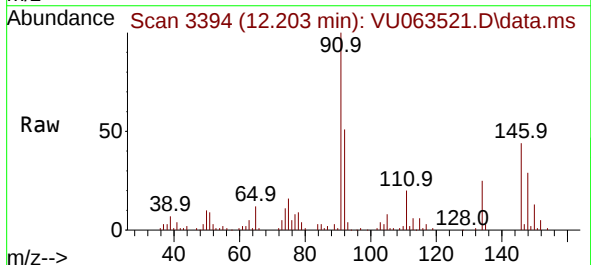
Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

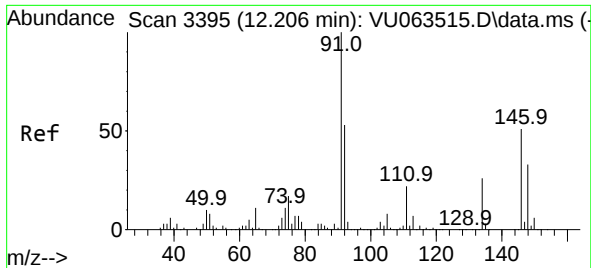
Tgt Ion:146 Resp: 25218
Ion Ratio Lower Upper
146 100
111 41.7 32.0 48.0
148 61.9 50.2 75.2



#84
n-Butylbenzene
Concen: 2.011 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion: 91 Resp: 48117
Ion Ratio Lower Upper
91 100
92 51.1 41.5 62.3
134 24.2 20.6 30.8

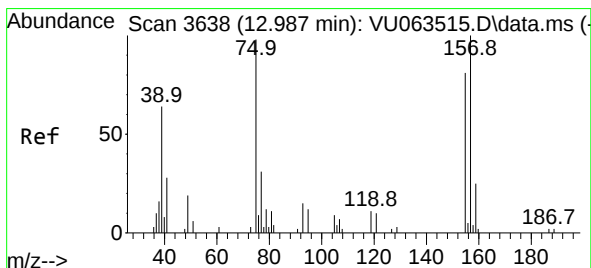
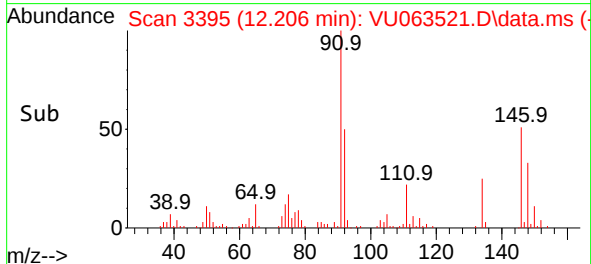
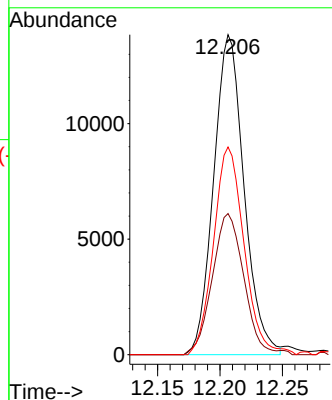
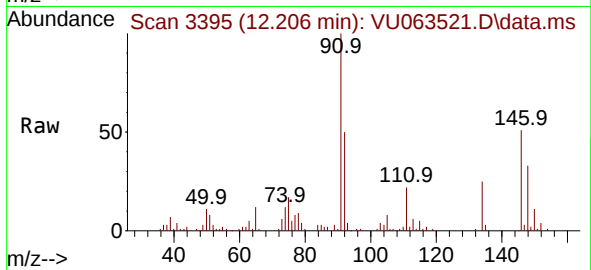




#85
 1,2-Dichlorobenzene
 Concen: 1.930 ug/l
 RT: 12.206 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU063521.D
 Acq: 17 Jul 2025 12:43

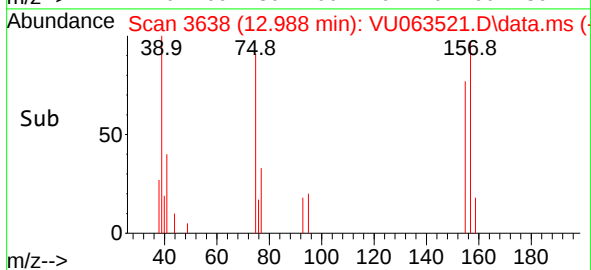
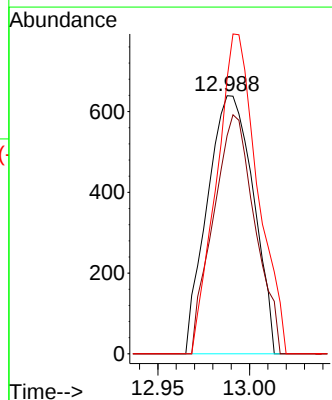
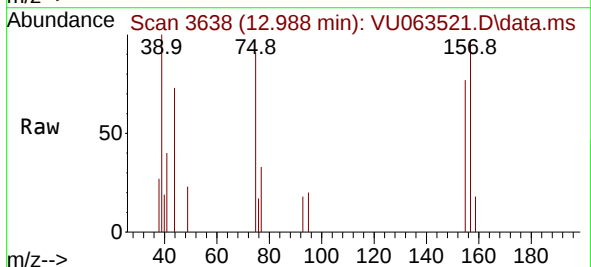
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0717WBS01

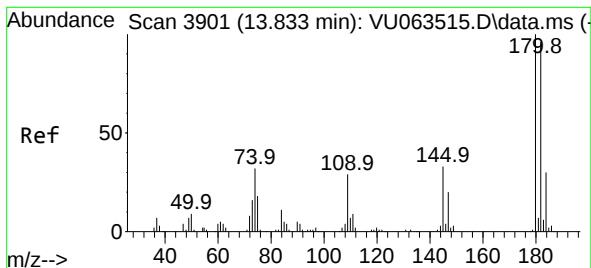
Tgt Ion:146 Resp: 23502
 Ion Ratio Lower Upper
 146 100
 111 45.8 21.7 65.1
 148 65.4 31.8 95.3



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.706 ug/l
 RT: 12.988 min Scan# 3638
 Delta R.T. 0.001 min
 Lab File: VU063521.D
 Acq: 17 Jul 2025 12:43

Tgt Ion: 75 Resp: 1114
 Ion Ratio Lower Upper
 75 100
 155 83.8 65.8 98.6
 157 110.8 81.4 122.2





#87

1,2,4-Trichlorobenzene

Concen: 1.850 ug/l

RT: 13.837 min Scan# 3901

Delta R.T. 0.004 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

Instrument :

MSVOA_U

ClientSampleId :

VU0717WBS01

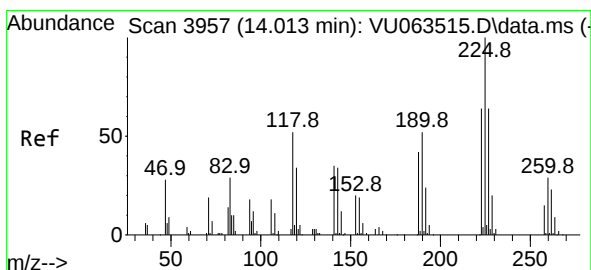
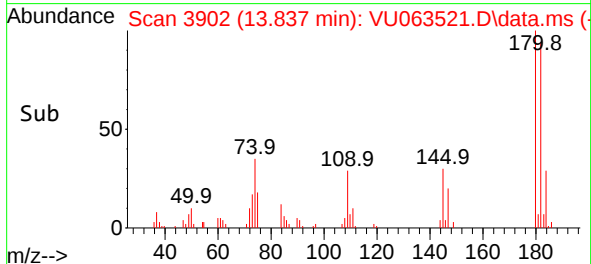
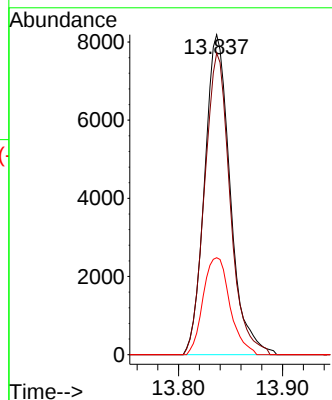
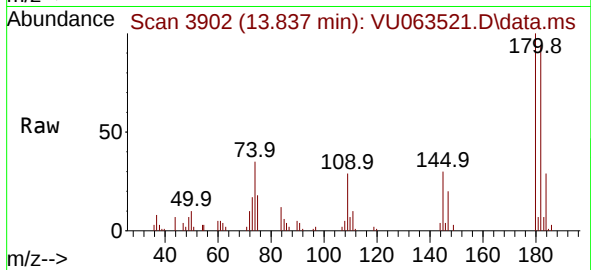
Tgt Ion:180 Resp: 14007

Ion Ratio Lower Upper

180 100

182 93.7 76.2 114.4

145 31.6 26.2 39.2



#88

Hexachlorobutadiene

Concen: 1.921 ug/l

RT: 14.013 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VU063521.D

Acq: 17 Jul 2025 12:43

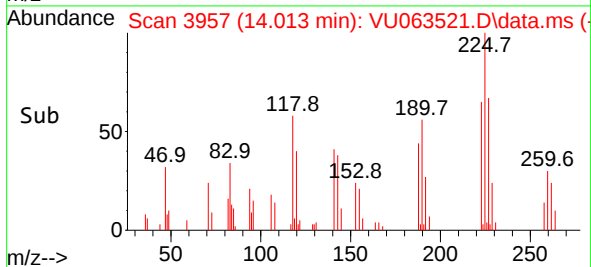
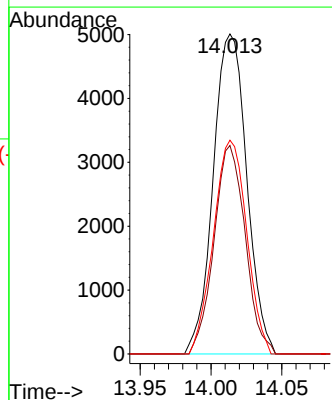
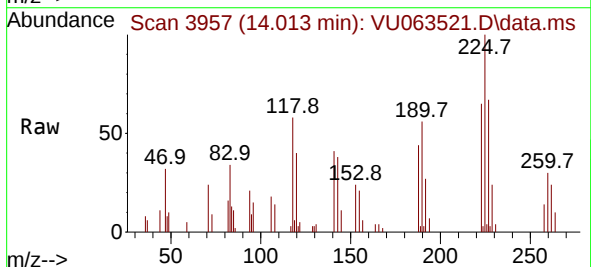
Tgt Ion:225 Resp: 8260

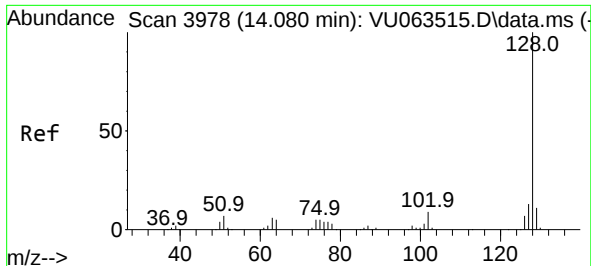
Ion Ratio Lower Upper

225 100

223 60.6 50.8 76.2

227 66.2 51.0 76.6

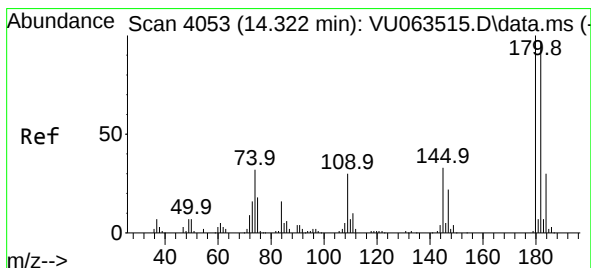
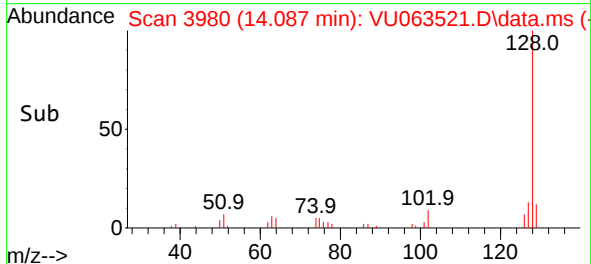
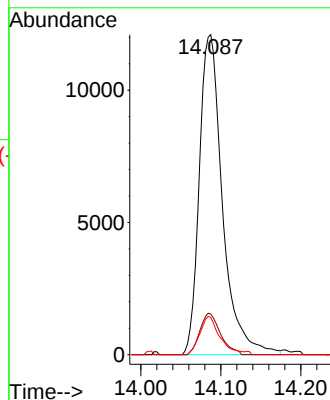
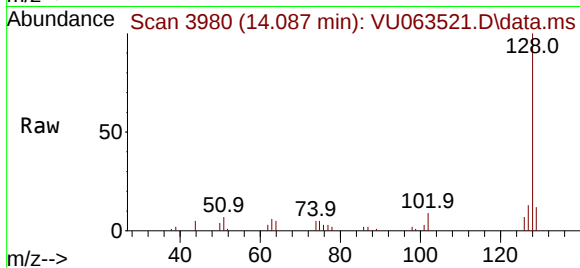




#89
Naphthalene
Concen: 1.802 ug/l
RT: 14.087 min Scan# 3978
Delta R.T. 0.007 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Instrument :
MSVOA_U
ClientSampleId :
VU0717WBS01

Tgt Ion:128	Resp:	24449
Ion Ratio	Lower	Upper
128	100	
127	11.5	10.2 15.4
129	10.5	8.8 13.2



#90
1,2,3-Trichlorobenzene
Concen: 1.836 ug/l
RT: 14.325 min Scan# 4054
Delta R.T. 0.004 min
Lab File: VU063521.D
Acq: 17 Jul 2025 12:43

Tgt Ion:180	Resp:	12843
Ion Ratio	Lower	Upper
180	100	
182	93.4	78.0 117.0
145	34.0	27.3 40.9

