

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062425\
 Data File : VU063433.D
 Acq On : 24 Jun 2025 12:16
 Operator : MD/SY
 Sample : VU0624WBSD01
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBSD01

Quant Time: Jun 25 06:23:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:53:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.103	96	44045	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	17940	1.109	ug/l	0.00
Spiked Amount 1.000			Recovery	=	111.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	18111	1.115	ug/l	0.00
Spiked Amount 1.000			Recovery	=	112.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	37702	2.229	ug/l	98
3) Chloromethane	1.518	50	44492	1.996	ug/l	96
4) Vinyl Chloride	1.599	62	36391	1.907	ug/l	99
5) Bromomethane	1.846	94	20298	2.220	ug/l	96
6) Chloroethane	1.923	64	19842	1.756	ug/l	96
7) Trichlorofluoromethane	2.129	101	44989	2.067	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.567	101	27067	2.335	ug/l	99
9) 1,1-Dichloroethene	2.567	96	27891	2.412	ug/l	94
10) Iodomethane	2.708	142	17802	1.907	ug/l	95
11) Allyl Chloride	2.911	41	45772	2.222	ug/l	99
12) Acrylonitrile	3.306	53	16736	5.009	ug/l	96
13) Acetone	2.621	43	26628	9.178	ug/l	96
14) Carbon Disulfide	2.776	76	90537	2.245	ug/l	98
15) Methylene Chloride	3.030	84	32975	2.249	ug/l	98
16) trans-1,2-Dichloroethene	3.335	96	30368	2.334	ug/l	96
17) 1,1-Dichloroethane	3.849	63	63072	2.308	ug/l	99
18) 2-Butanone	4.721	43	46068	9.879	ug/l	98
19) Cyclohexane	5.361	56	41924	2.028	ug/l	99
20) Methylcyclohexane	6.746	83	37288	1.943	ug/l	92
21) 2,2-Dichloropropane	4.644	77	40641	2.093	ug/l	99
22) cis-1,2-Dichloroethene	4.644	96	32133	2.262	ug/l	98
23) Diethyl Ether	2.370	59	23527	2.255	ug/l	97
24) tert-Butyl Alcohol	3.200	59	25998	23.650	ug/l	98
25) Methyl tert-Butyl Ether	3.361	73	72586	2.308	ug/l	100
26) Bromochloromethane	4.955	128	14136	2.557	ug/l	90
27) Chloroform	5.071	83	61146	2.387	ug/l	100
28) 1,1,1-Trichloroethane	5.296	97	48456	2.333	ug/l	98
29) 1,1-Dichloropropene	5.505	75	41576	2.191	ug/l	99
30) Carbon Tetrachloride	5.499	117	39088	2.356	ug/l	95
31) Isopropyl Ether	3.994	45	99901	2.340	ug/l	100
32) Ethyl-t-butyl ether	4.505	59	80724	2.231	ug/l	99
33) Tert-Amyl methyl ether	5.946	73	52845	2.041	ug/l	96
34) Propionitrile	4.779	54	15493	11.485	ug/l #	85
35) Benzene	5.759	78	131629	2.293	ug/l	98
36) 1,2-Dichloroethane	5.788	62	37840	2.255	ug/l	100
37) Trichloroethene	6.534	130	30828	2.273	ug/l	96
38) 1,2-Dichloropropane	6.782	63	36163	2.281	ug/l	98
39) Methacrylonitrile	4.978	41	10673	1.902	ug/l	94
40) Methyl acrylate	4.849	55	18218	2.312	ug/l	98
41) Tetrahydrofuran	5.065	42	11659	3.862	ug/l	99
42) 1-Chlorobutane	5.441	56	56729	2.108	ug/l	98
43) Dibromomethane	6.910	93	17065	2.305	ug/l	98
44) Bromodichloromethane	7.100	83	41184	2.283	ug/l	98

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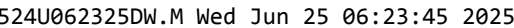
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBSD01

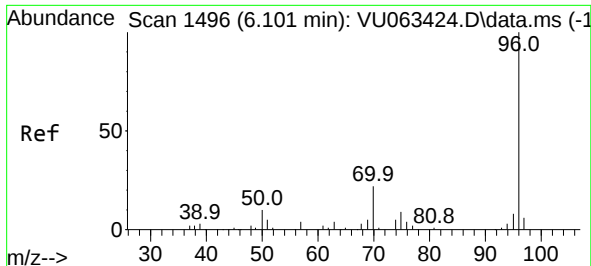
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U062325DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Jun 25 03:53:43 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.798	43	84115	10.582	ug/l	97
46) t-1,4-Dichloro-2-butene	10.814	75	31429	12.029	ug/l #	46
47) Methyl methacrylate	6.968	69	24695	4.255	ug/l	92
48) Ethyl methacrylate	8.335	69	22157	2.216	ug/l	97
49) Toluene	7.962	92	69828	2.216	ug/l	95
50) t-1,3-Dichloropropene	8.206	75	27590	2.121	ug/l	100
51) cis-1,3-Dichloropropene	7.602	75	38692	2.215	ug/l	95
52) 1,1,2-Trichloroethane	8.396	97	24606	2.273	ug/l	98
53) 1,3-Dichloropropane	8.569	76	41581	2.233	ug/l	96
54) 2-Hexanone	8.688	43	54892	10.747	ug/l	93
55) Dibromochloromethane	8.801	129	25038	2.242	ug/l	100
56) 1,2-Dibromoethane	8.920	107	20163	2.298	ug/l	98
58) Tetrachloroethene	8.544	164	29570	2.222	ug/l	97
59) Chlorobenzene	9.441	112	75413	2.236	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.524	131	26908	2.216	ug/l	97
61) Pentachloroethane	11.415	117	22285	2.253	ug/l	95
62) Hexachloroethane	12.466	117	19905	2.237	ug/l	99
63) Ethyl Benzene	9.563	91	114691	2.121	ug/l	99
64) m/p-Xylenes	9.688	106	87004	4.057	ug/l	97
65) o-Xylene	10.094	106	42647	2.076	ug/l	94
66) Styrene	10.110	104	71958	2.092	ug/l	99
67) Bromoform	10.283	173	13611	2.230	ug/l	97
69) Isopropylbenzene	10.476	105	103632	2.177	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.775	83	31827	2.298	ug/l	99
71) 1,2,3-Trichloropropane	10.814	75	31429	2.779	ug/l #	90
72) Bromobenzene	10.775	156	31426	2.352	ug/l	83
73) n-propylbenzene	10.901	120	30992	2.095	ug/l	97
74) 2-Chlorotoluene	10.981	126	30419	2.303	ug/l	95
75) 1,3,5-Trimethylbenzene	11.081	105	100505	2.084	ug/l	99
76) 4-Chlorotoluene	11.094	126	31207	2.256	ug/l	99
77) tert-Butylbenzene	11.412	119	96811	2.214	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	100260	2.086	ug/l	100
79) sec-Butylbenzene	11.634	105	137049	2.213	ug/l	100
80) Nitrobenzene	13.216	77	6874	11.764	ug/l	96
81) p-Isopropyltoluene	11.785	119	107612	2.145	ug/l	99
82) 1,3-Dichlorobenzene	11.740	146	64149	2.318	ug/l	99
83) 1,4-Dichlorobenzene	11.830	146	68008	2.368	ug/l	95
84) n-Butylbenzene	12.203	91	109583	2.161	ug/l	98
85) 1,2-Dichlorobenzene	12.206	146	61152	2.309	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.991	75	4949	2.600	ug/l	88
87) 1,2,4-Trichlorobenzene	13.836	180	32914	2.229	ug/l	99
88) Hexachlorobutadiene	14.010	225	24100	2.302	ug/l	98
89) Naphthalene	14.084	128	51110	2.403	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	31355	2.135	ug/l	100

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

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QLast Update : Wed Jun 25 03:53:43 2025
Response via : Initial Calibration

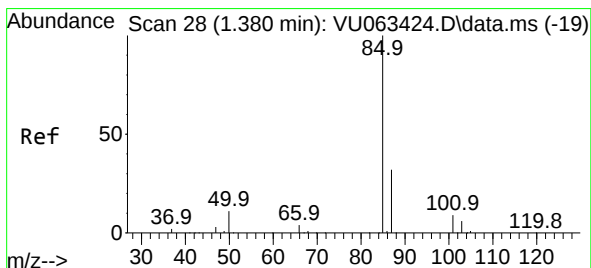
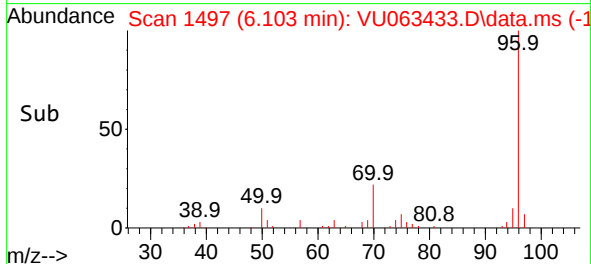
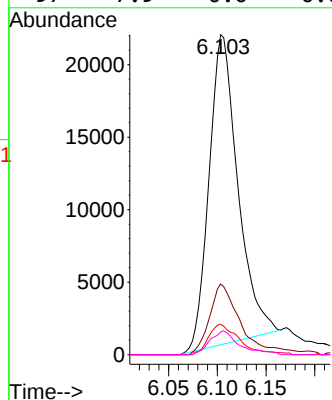
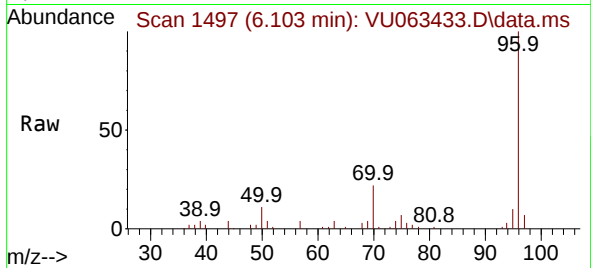




#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.103 min Scan# 14
Delta R.T. 0.002 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

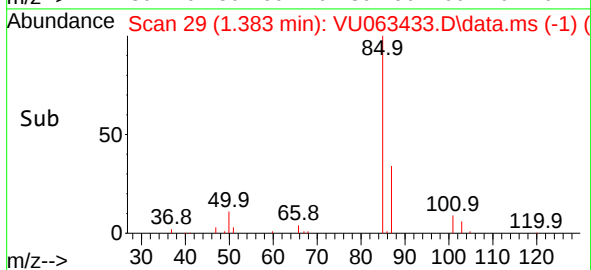
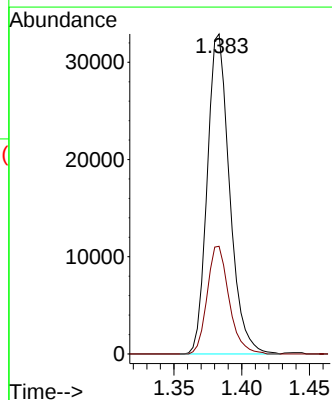
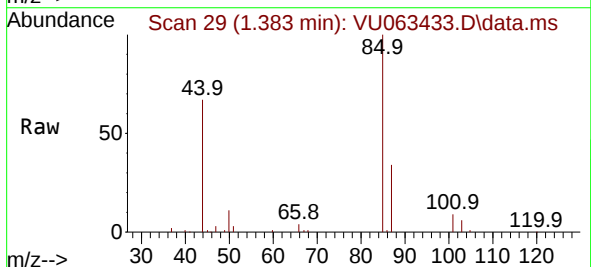
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

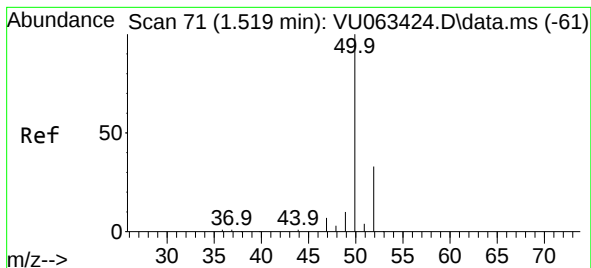
Tgt Ion: 96	Resp: 44045
Ion Ratio	Lower Upper
96 100	
70 22.9	16.4 24.6
95 10.6	6.2 9.2#
97 7.9	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 2.229 ug/l
RT: 1.383 min Scan# 29
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 85	Resp: 37702
Ion Ratio	Lower Upper
85 100	
87 33.6	16.2 48.5





#3

Chloromethane

Concen: 1.996 ug/l

RT: 1.518 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

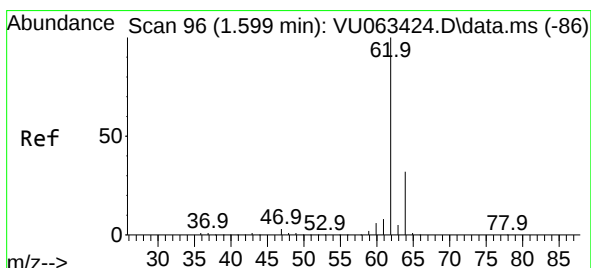
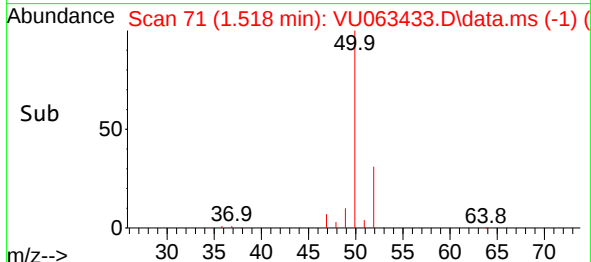
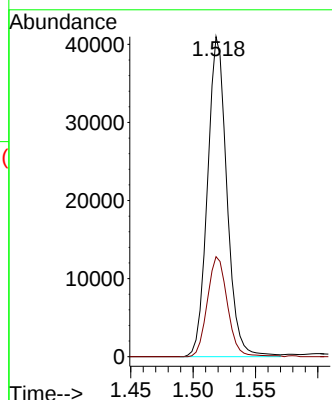
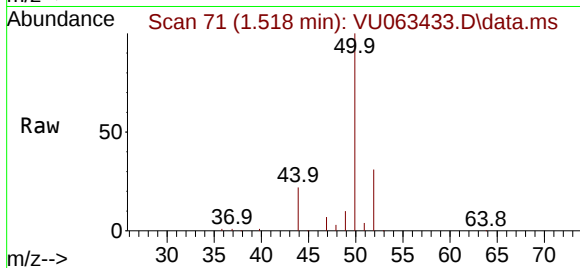
VU0624WBSD01

Tgt Ion: 50 Resp: 44492

Ion Ratio Lower Upper

50 100

52 31.2 26.6 40.0



#4

Vinyl Chloride

Concen: 1.907 ug/l

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU063433.D

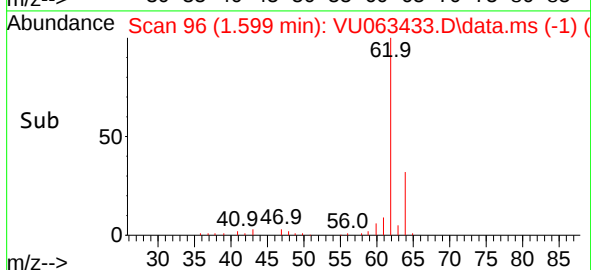
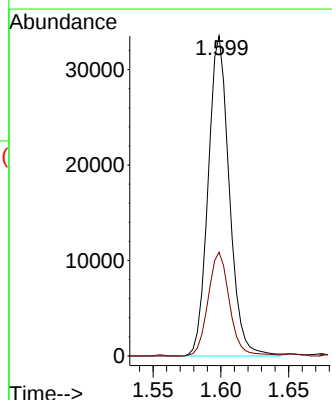
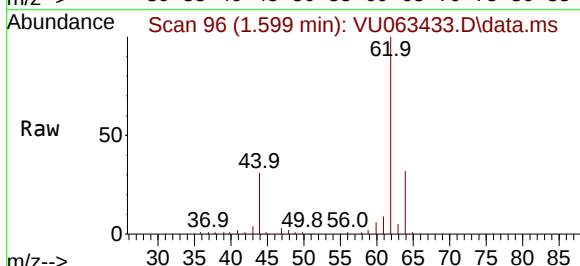
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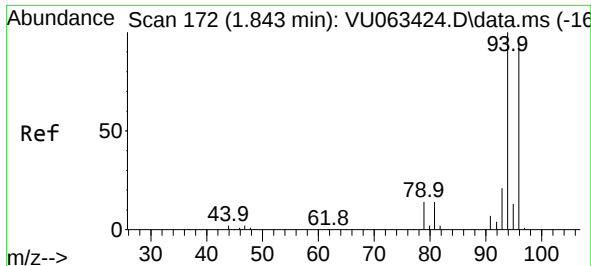
Tgt Ion: 62 Resp: 36391

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5

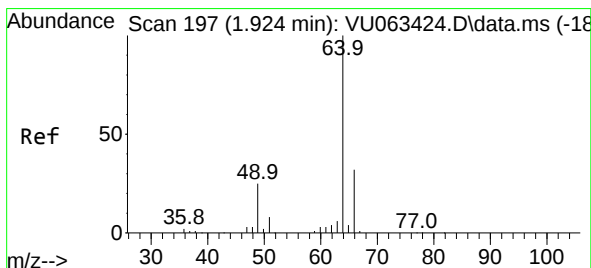
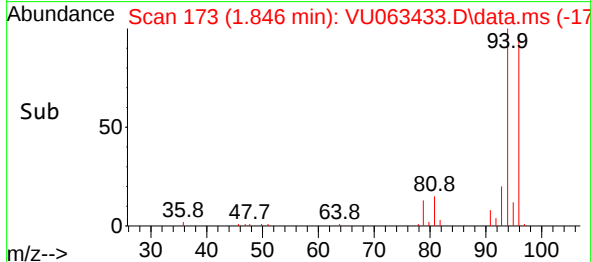
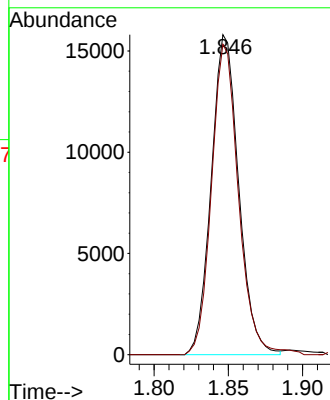
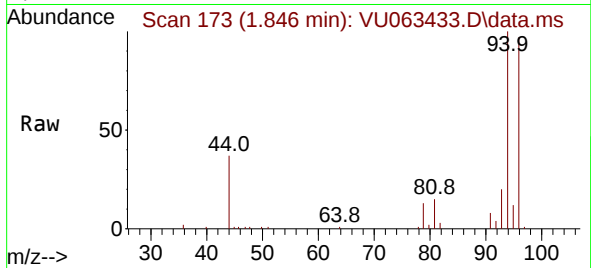




#5
Bromomethane
Concen: 2.220 ug/l
RT: 1.846 min Scan# 173
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

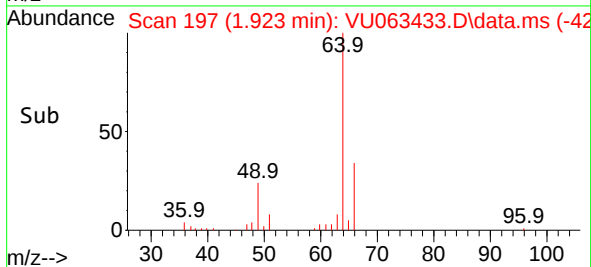
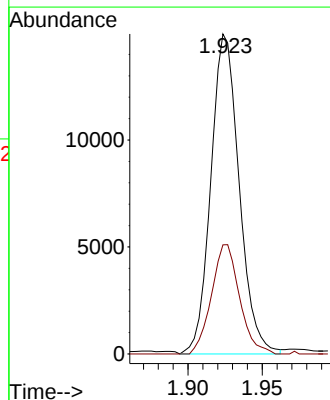
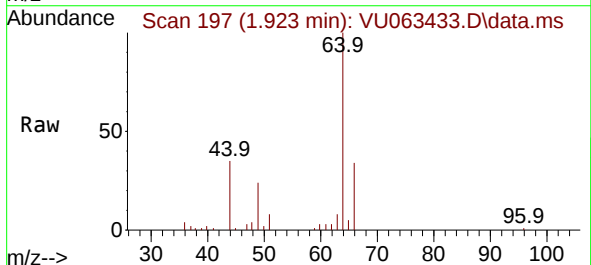
Instrument :
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ClientSampleId :
VU0624WBSD01

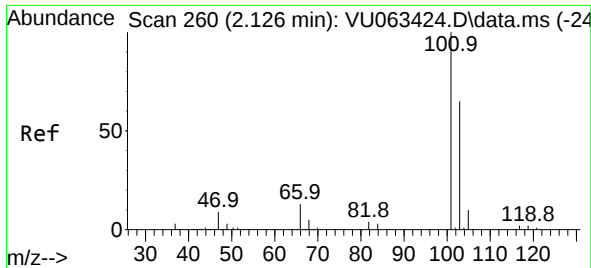
Tgt Ion: 94 Resp: 20298
Ion Ratio Lower Upper
94 100
96 97.0 74.8 112.2



#6
Chloroethane
Concen: 1.756 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 64 Resp: 19842
Ion Ratio Lower Upper
64 100
66 34.1 25.7 38.5

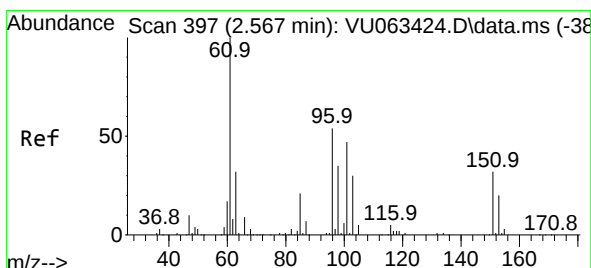
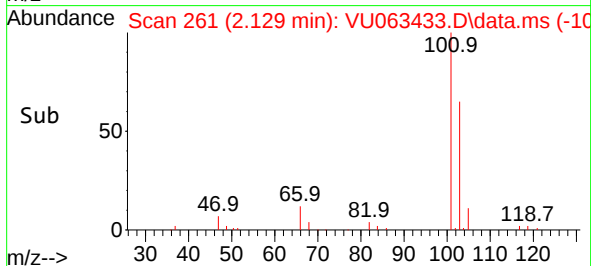
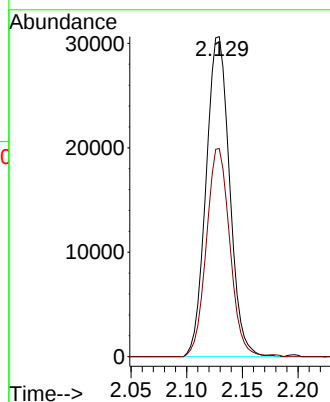
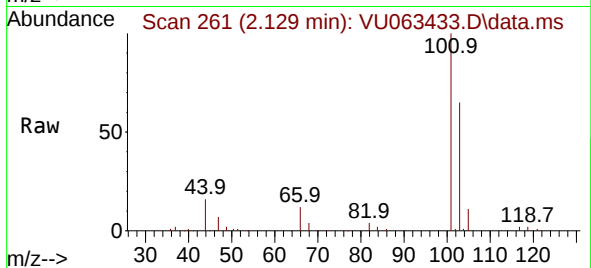




#7
 Trichlorofluoromethane
 Concen: 2.067 ug/l
 RT: 2.129 min Scan# 261
 Delta R.T. 0.003 min
 Lab File: VU063433.D
 Acq: 24 Jun 2025 12:16

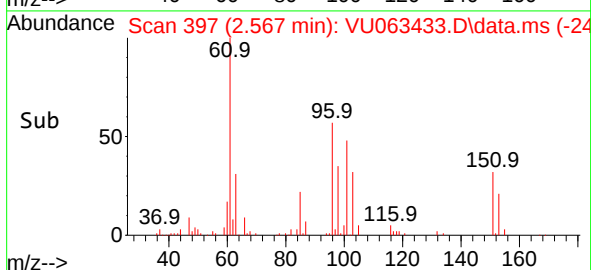
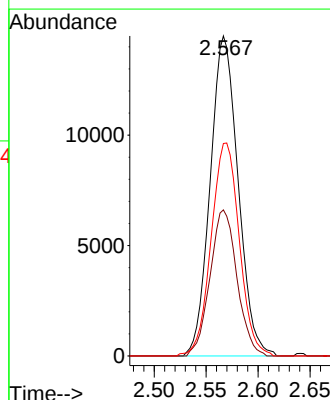
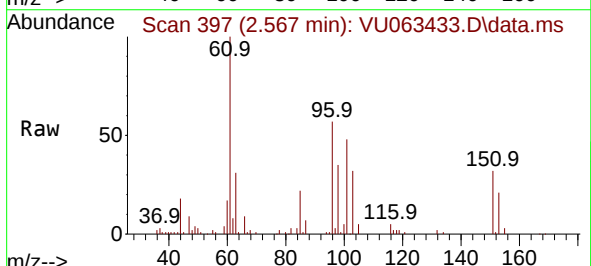
Instrument :
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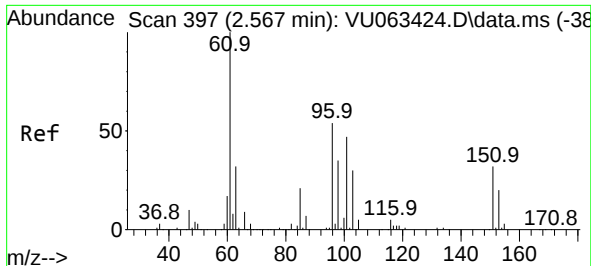
Tgt Ion:101 Resp: 44989
 Ion Ratio Lower Upper
 101 100
 103 65.1 52.3 78.5



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 2.335 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063433.D
 Acq: 24 Jun 2025 12:16

Tgt Ion:101 Resp: 27067
 Ion Ratio Lower Upper
 101 100
 85 44.1 36.7 55.1
 151 67.1 53.9 80.9



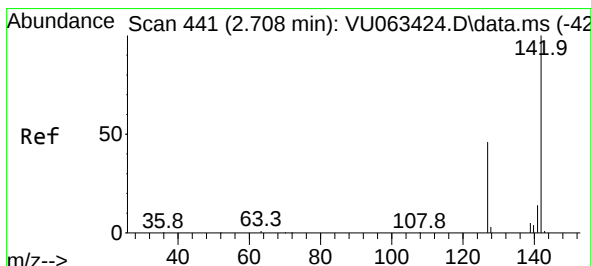
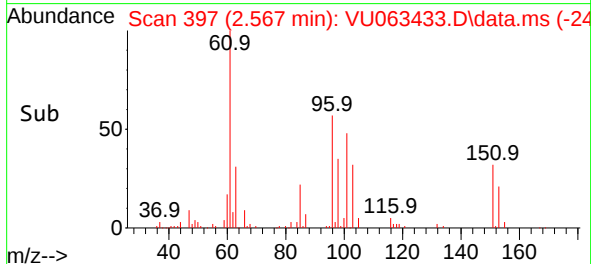
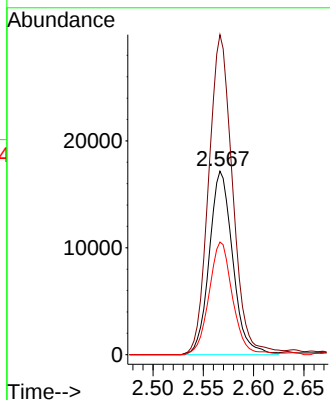
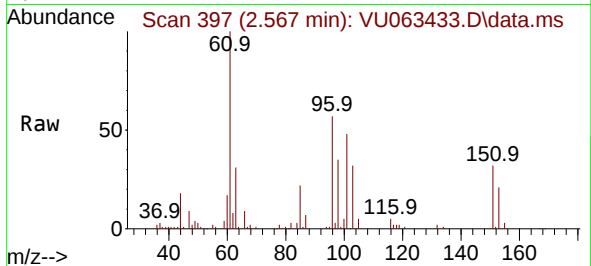


#9
 1,1-Dichloroethene
 Concen: 2.412 ug/l
 RT: 2.567 min Scan# 397
 Delta R.T. -0.000 min
 Lab File: VU063433.D
 Acq: 24 Jun 2025 12:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBSD01

Tgt Ion: 96 Resp: 27891

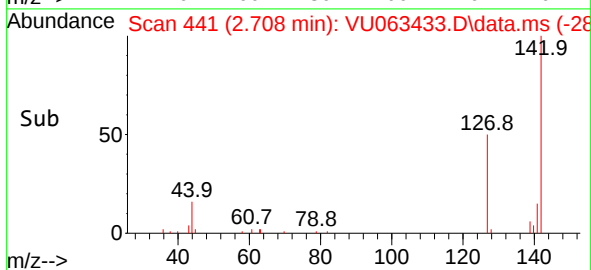
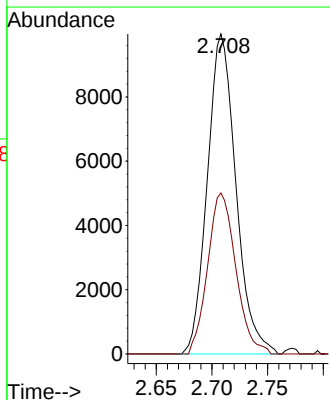
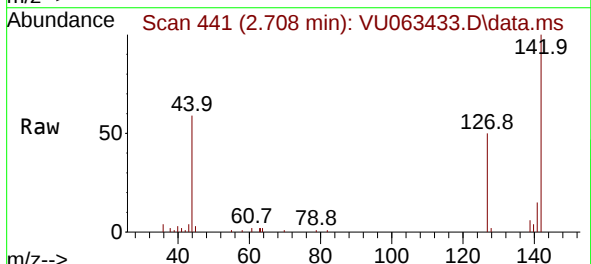
Ion	Ratio	Lower	Upper
96	100		
61	174.4	0.0	552.0
98	61.4	0.0	128.4

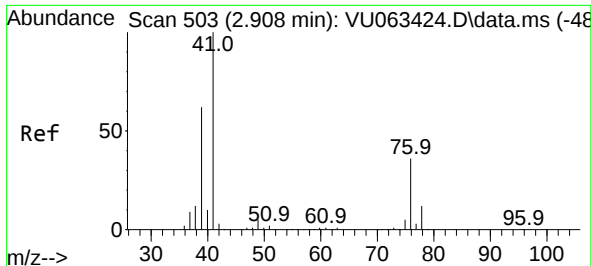


#10
 Iodomethane
 Concen: 1.907 ug/l
 RT: 2.708 min Scan# 441
 Delta R.T. -0.000 min
 Lab File: VU063433.D
 Acq: 24 Jun 2025 12:16

Tgt Ion: 142 Resp: 17802

Ion	Ratio	Lower	Upper
142	100		
127	49.6	36.9	55.3





#11

Allyl Chloride

Concen: 2.222 ug/l

RT: 2.911 min Scan# 503

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

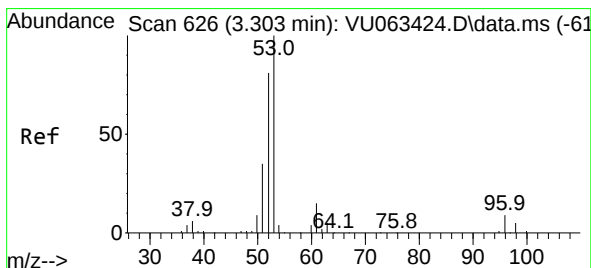
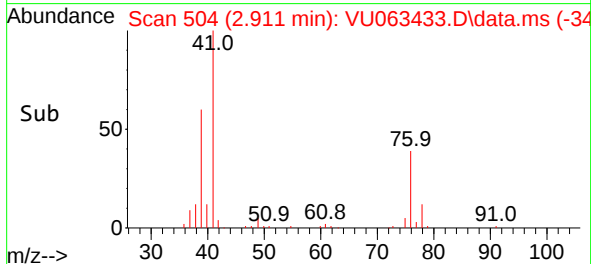
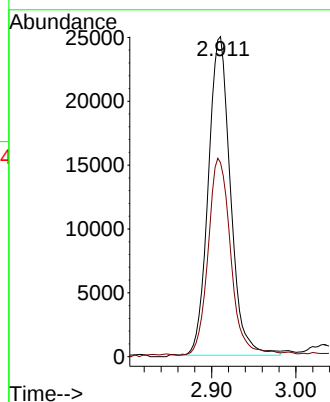
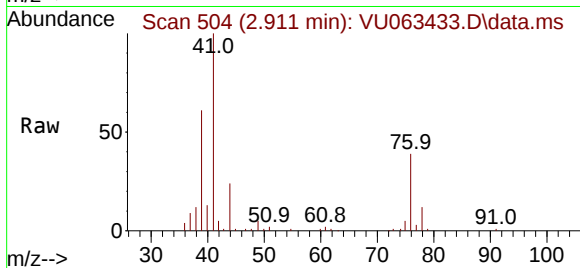
VU0624WBSD01

Tgt Ion: 41 Resp: 45772

Ion Ratio Lower Upper

41 100

39 62.1 50.3 75.5



#12

Acrylonitrile

Concen: 5.009 ug/l

RT: 3.306 min Scan# 627

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

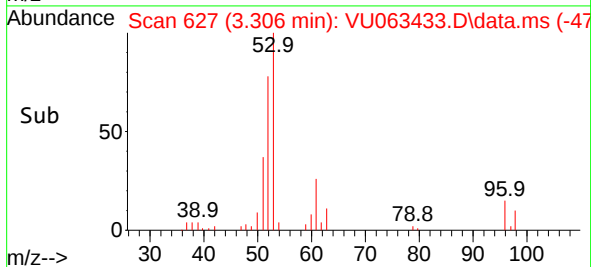
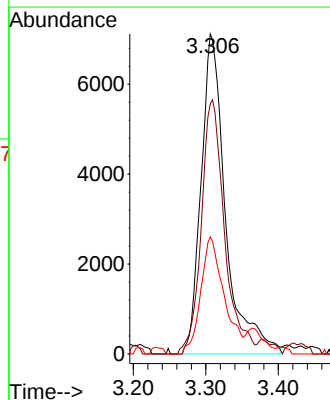
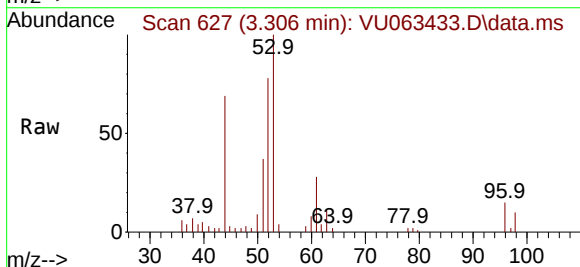
Tgt Ion: 53 Resp: 16736

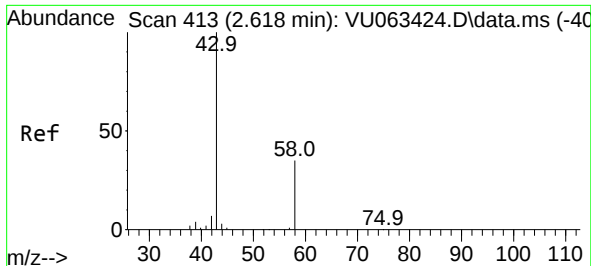
Ion Ratio Lower Upper

53 100

52 75.1 62.8 94.2

51 34.8 26.2 39.4





#13

Acetone

Concen: 9.178 ug/l

RT: 2.621 min Scan# 413

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

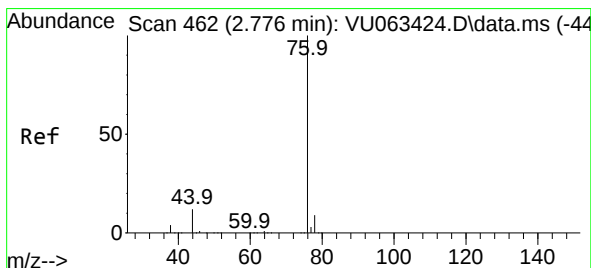
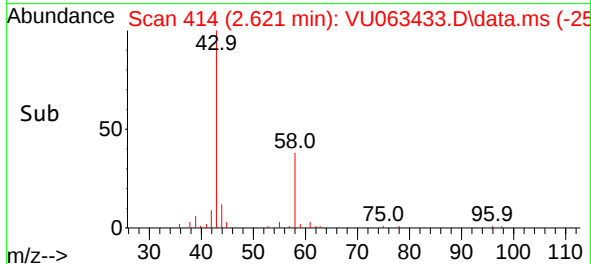
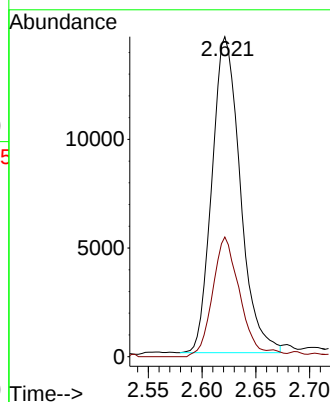
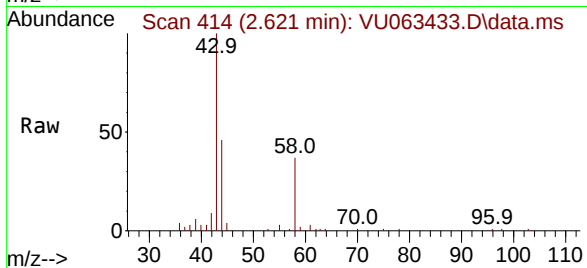
VU0624WBSD01

Tgt Ion: 43 Resp: 26628

Ion Ratio Lower Upper

43 100

58 37.9 28.3 42.5



#14

Carbon Disulfide

Concen: 2.245 ug/l

RT: 2.776 min Scan# 462

Delta R.T. -0.000 min

Lab File: VU063433.D

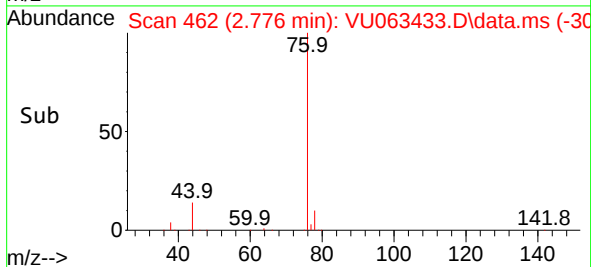
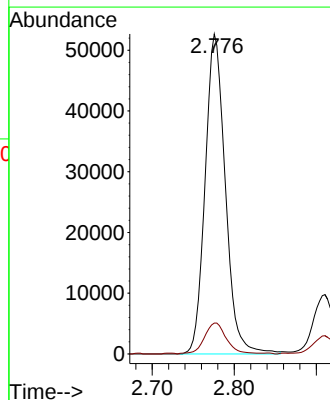
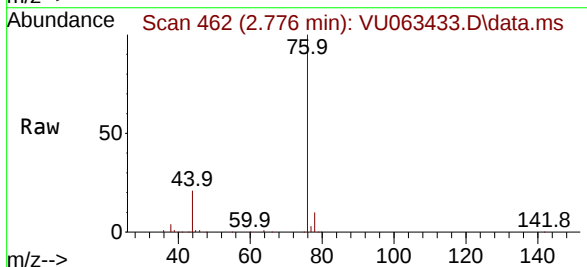
Acq: 24 Jun 2025 12:16

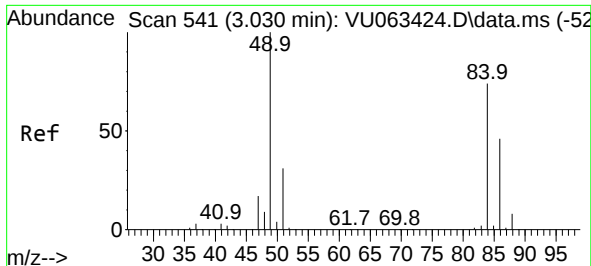
Tgt Ion: 76 Resp: 90537

Ion Ratio Lower Upper

76 100

78 9.5 6.9 10.3

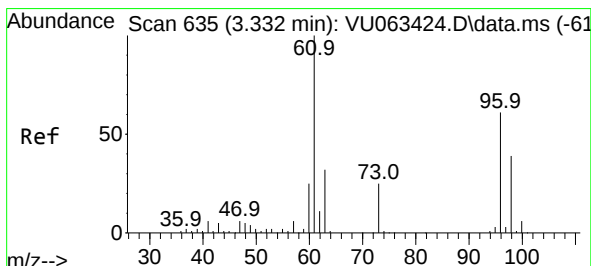
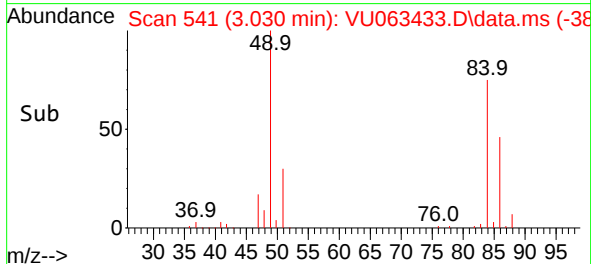
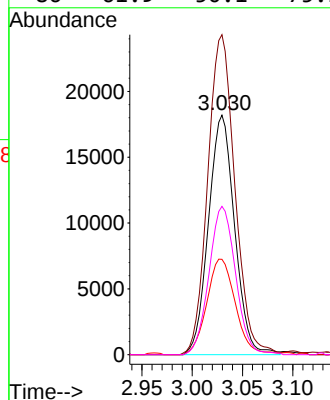
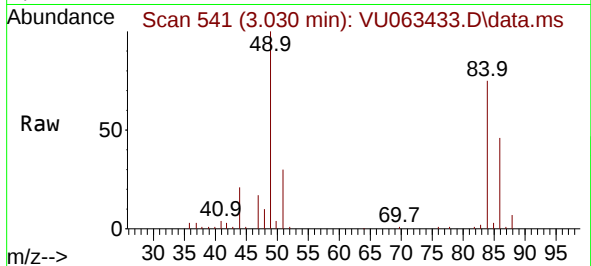




#15
Methylene Chloride
Concen: 2.249 ug/l
RT: 3.030 min Scan# 541
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

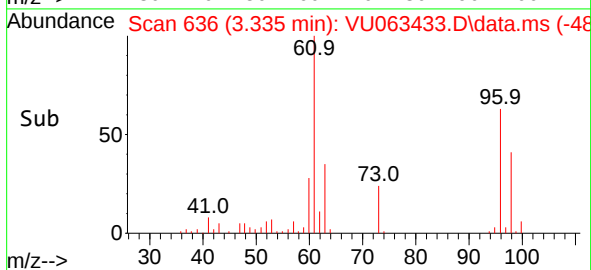
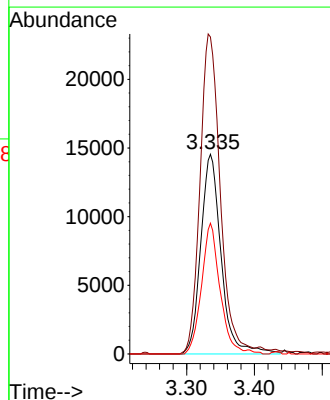
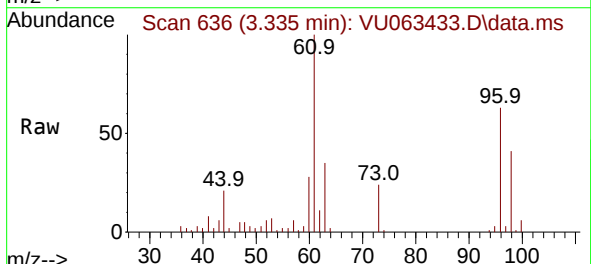
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

Tgt Ion:	84	Resp:	32975
Ion	Ratio	Lower	Upper
84	100		
49	133.6	108.7	163.1
51	39.8	0.0	83.8
86	61.9	50.1	75.1



#16
trans-1,2-Dichloroethene
Concen: 2.334 ug/l
RT: 3.335 min Scan# 636
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:	96	Resp:	30368
Ion	Ratio	Lower	Upper
96	100		
61	158.8	132.1	198.1
98	65.4	51.0	76.4

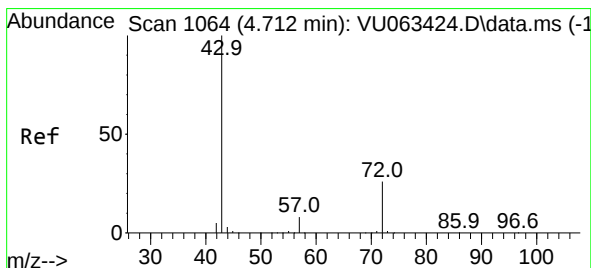
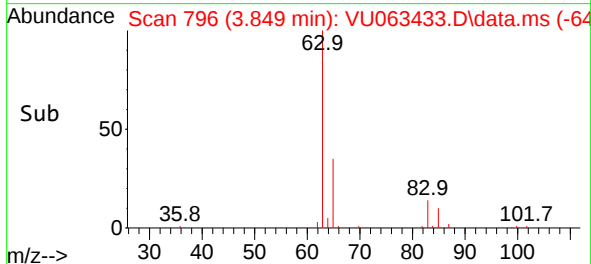
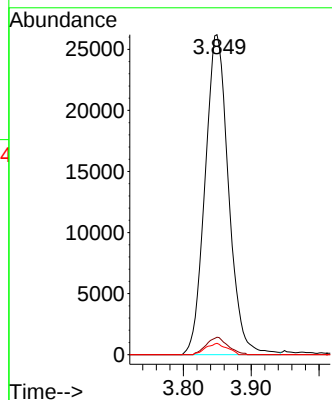
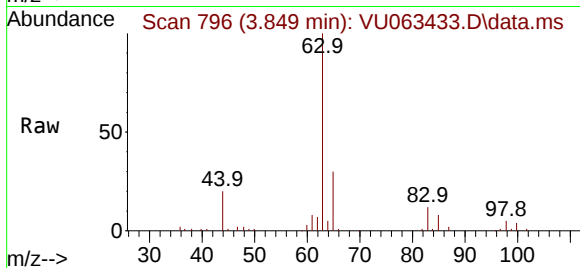




#17
 1,1-Dichloroethane
 Concen: 2.308 ug/l
 RT: 3.849 min Scan# 796
 Delta R.T. -0.000 min
 Lab File: VU063433.D
 Acq: 24 Jun 2025 12:16

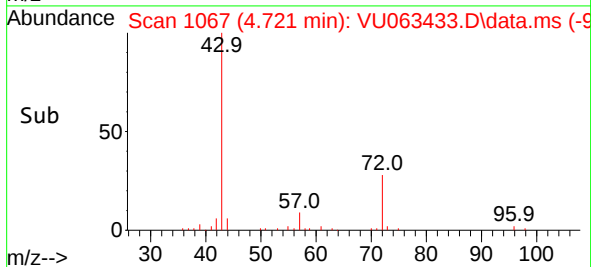
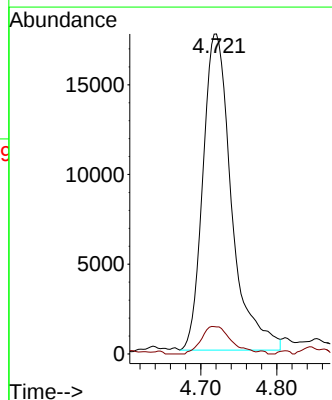
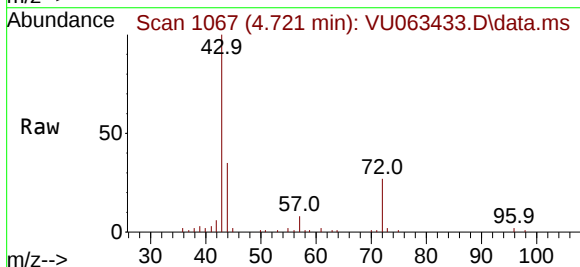
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBSD01

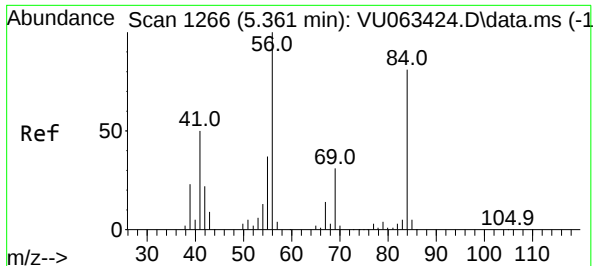
Tgt Ion: 63 Resp: 63072
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.8 8.4
 100 3.6 1.9 5.7



#18
 2-Butanone
 Concen: 9.879 ug/l
 RT: 4.721 min Scan# 1067
 Delta R.T. 0.009 min
 Lab File: VU063433.D
 Acq: 24 Jun 2025 12:16

Tgt Ion: 43 Resp: 46068
 Ion Ratio Lower Upper
 43 100
 57 8.5 0.0 16.0





#19

Cyclohexane

Concen: 2.028 ug/l

RT: 5.361 min Scan# 1266

Delta R.T. -0.000 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD01

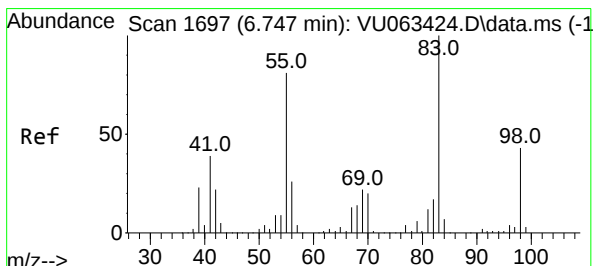
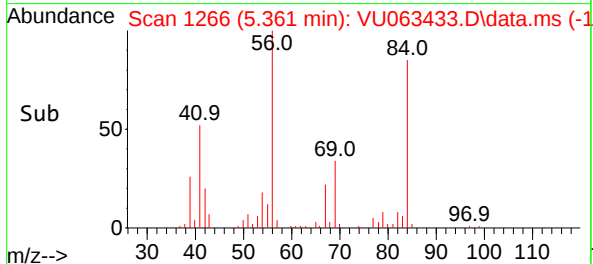
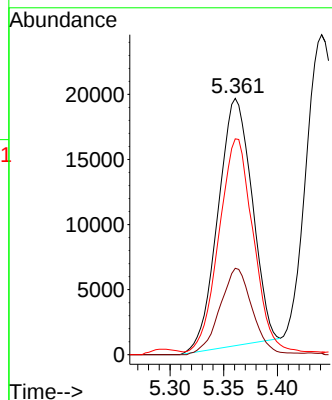
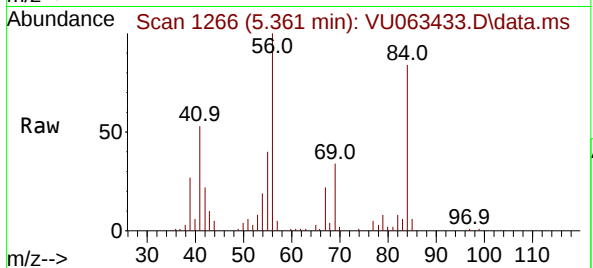
Tgt Ion: 56 Resp: 41924

Ion Ratio Lower Upper

56 100

69 32.5 26.4 39.6

84 86.6 68.6 102.8



#20

Methylcyclohexane

Concen: 1.943 ug/l

RT: 6.746 min Scan# 1697

Delta R.T. -0.000 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

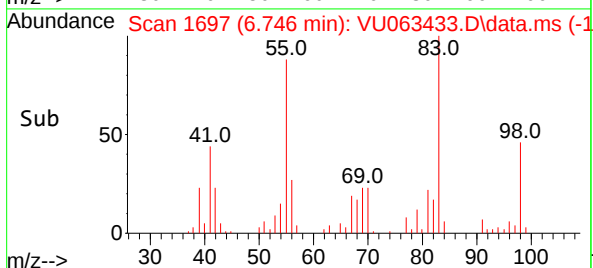
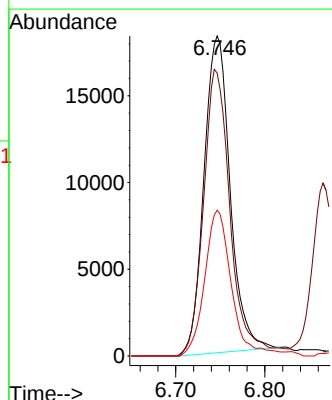
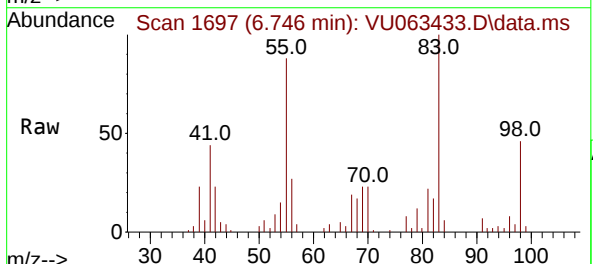
Tgt Ion: 83 Resp: 37288

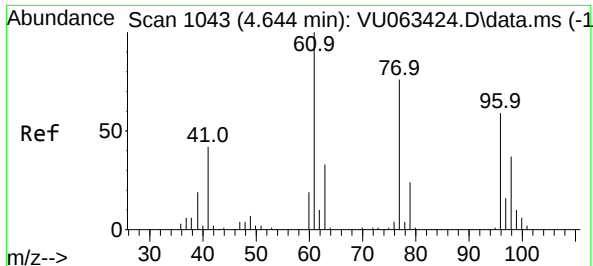
Ion Ratio Lower Upper

83 100

55 89.0 63.5 95.3

98 44.8 34.2 51.4





#21

2,2-Dichloropropane

Concen: 2.093 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.000 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

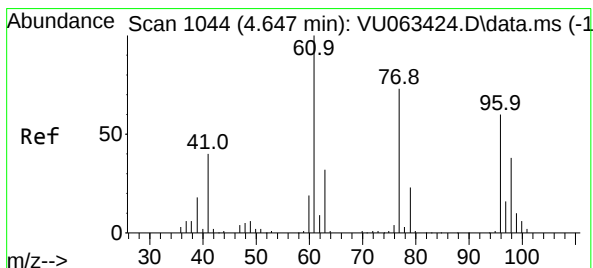
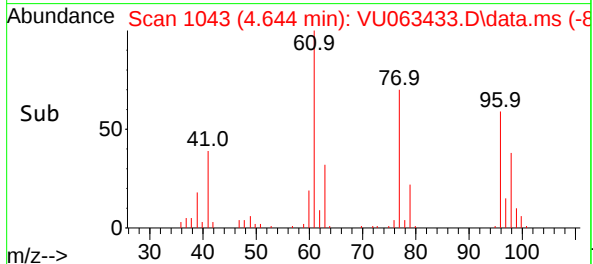
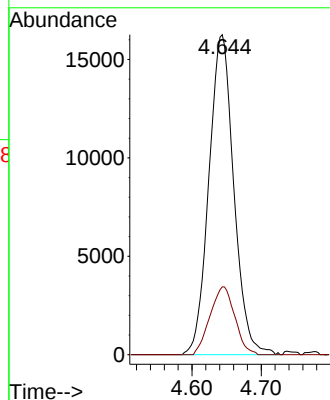
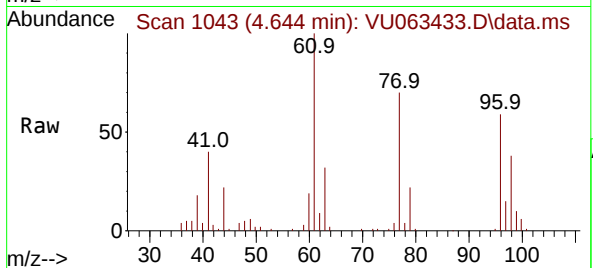
VU0624WBSD01

Tgt Ion: 77 Resp: 40641

Ion Ratio Lower Upper

77 100

97 21.1 17.2 25.8



#22

cis-1,2-Dichloroethene

Concen: 2.262 ug/l

RT: 4.644 min Scan# 1043

Delta R.T. -0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

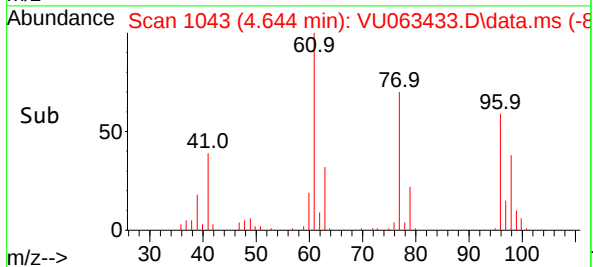
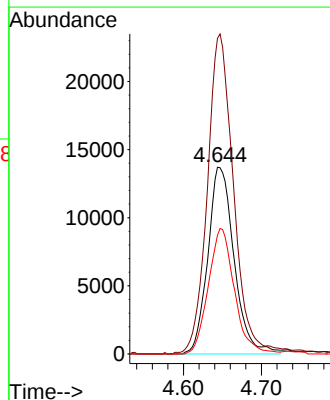
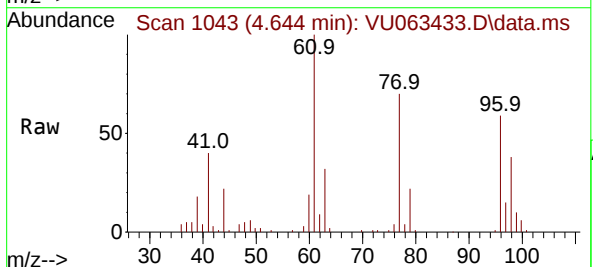
Tgt Ion: 96 Resp: 32133

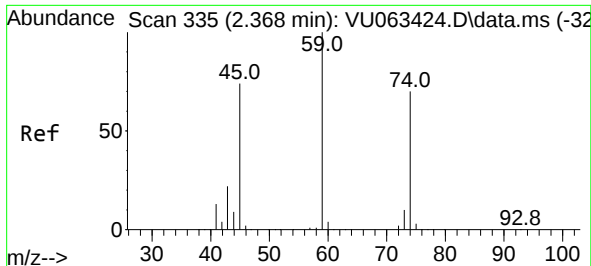
Ion Ratio Lower Upper

96 100

61 171.1 0.0 434.3

98 66.5 31.9 95.7

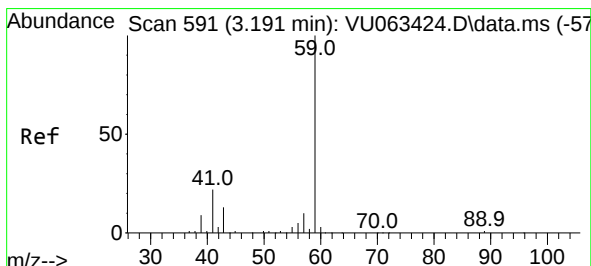
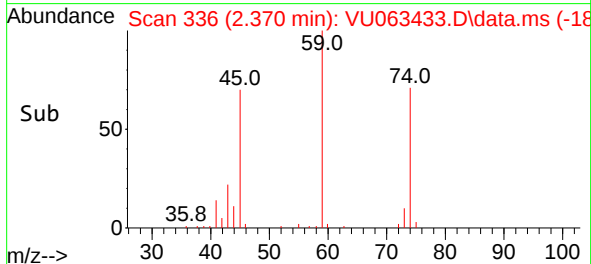
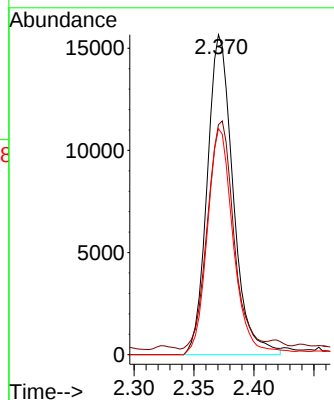
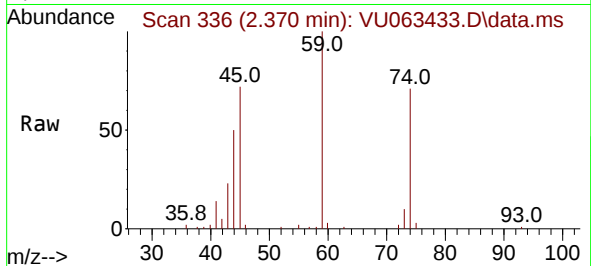




#23
Diethyl Ether
Concen: 2.255 ug/l
RT: 2.370 min Scan# 311
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

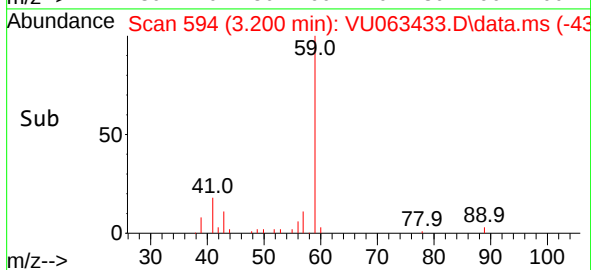
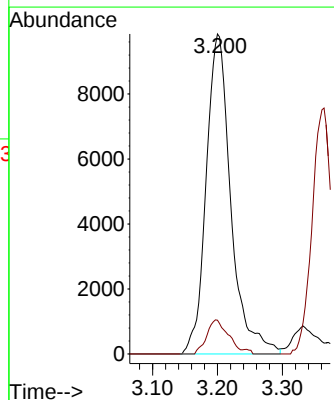
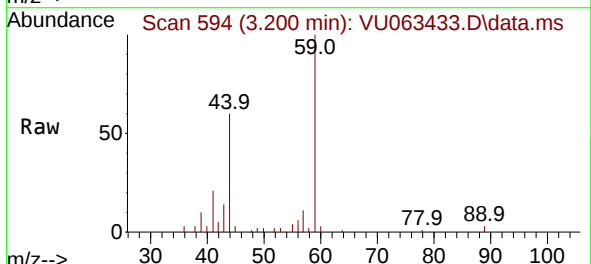
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

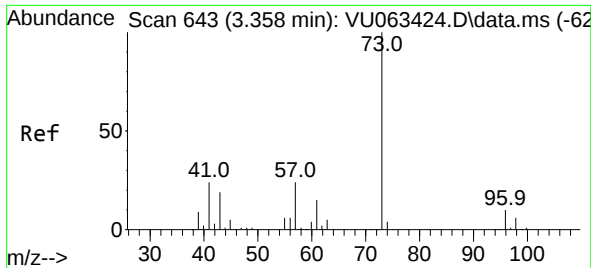
Tgt Ion: 59 Resp: 23527
Ion Ratio Lower Upper
59 100
45 71.8 60.7 91.1
74 71.2 55.8 83.6



#24
tert-Butyl Alcohol
Concen: 23.650 ug/l
RT: 3.200 min Scan# 594
Delta R.T. 0.009 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 59 Resp: 25998
Ion Ratio Lower Upper
59 100
57 9.2 7.8 11.8

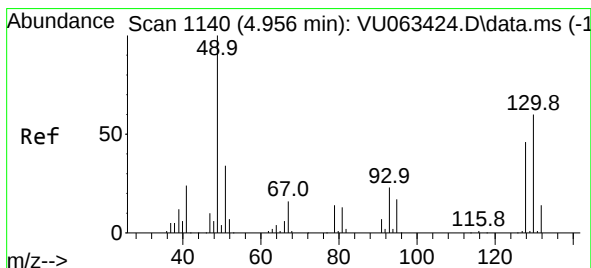
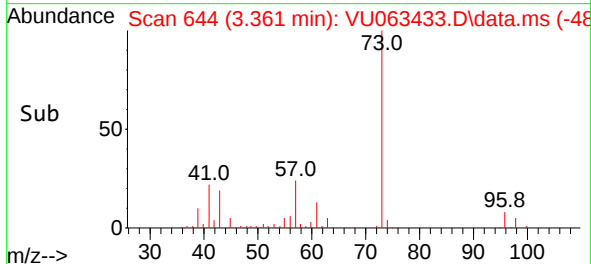
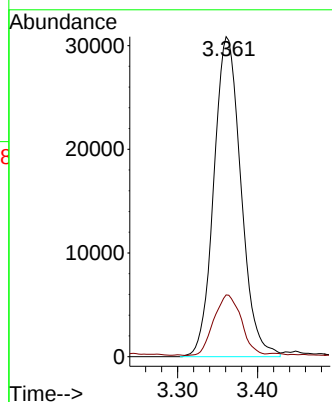
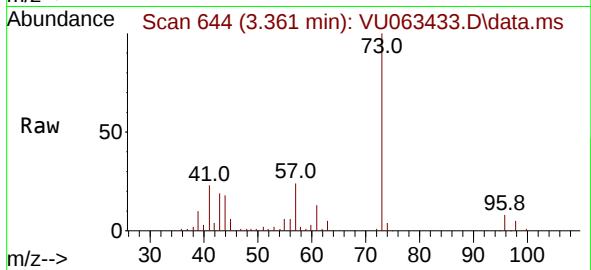




#25
Methyl tert-Butyl Ether
Concen: 2.308 ug/l
RT: 3.361 min Scan# 643
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

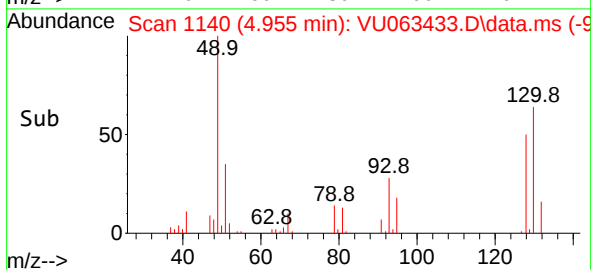
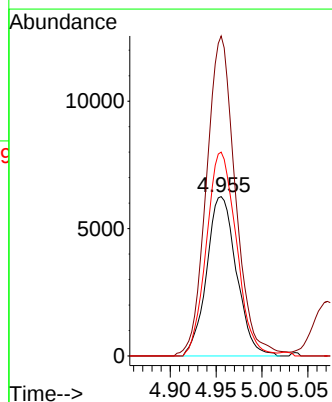
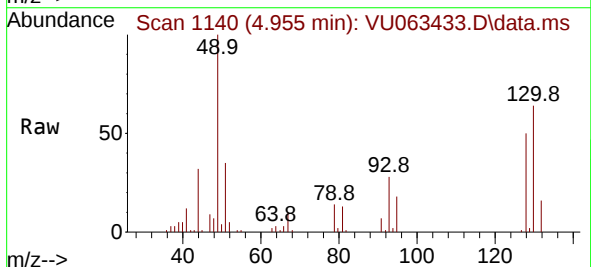
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

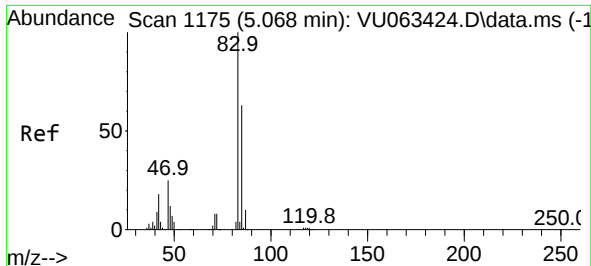
Tgt Ion: 73 Resp: 72586
Ion Ratio Lower Upper
73 100
43 19.0 15.1 22.7



#26
Bromochloromethane
Concen: 2.557 ug/l
RT: 4.955 min Scan# 1140
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 128 Resp: 14136
Ion Ratio Lower Upper
128 100
49 195.6 0.0 441.2
130 128.9 102.3 153.5





#27

Chloroform

Concen: 2.387 ug/l

RT: 5.071 min Scan# 1175

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

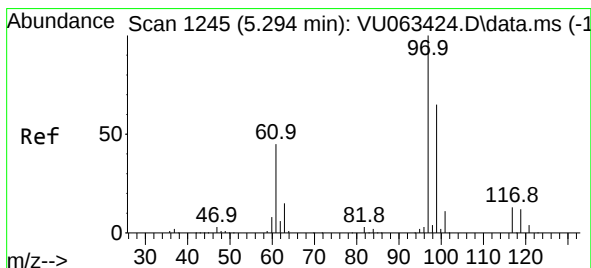
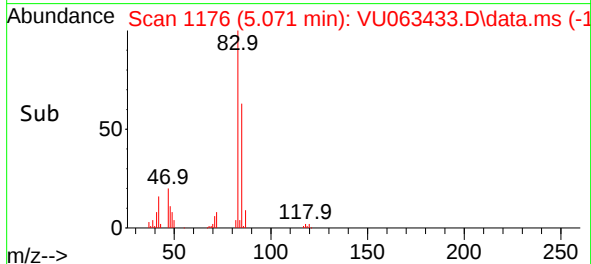
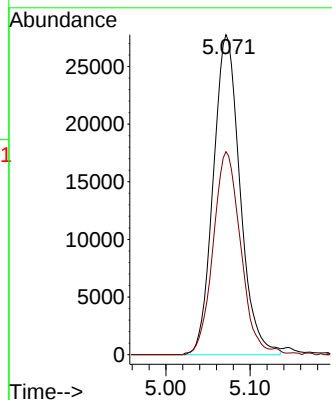
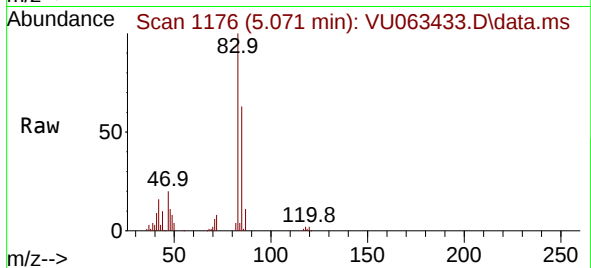
VU0624WBSD01

Tgt Ion: 83 Resp: 61146

Ion Ratio Lower Upper

83 100

85 63.5 0.0 126.8



#28

1,1,1-Trichloroethane

Concen: 2.333 ug/l

RT: 5.296 min Scan# 1246

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

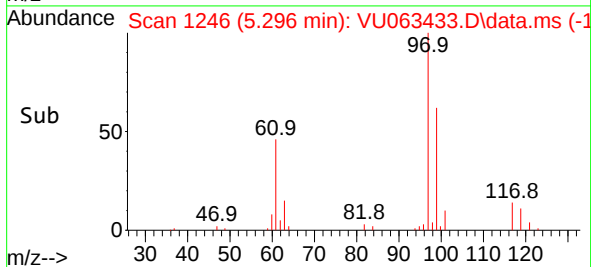
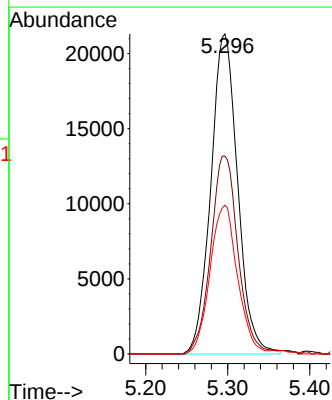
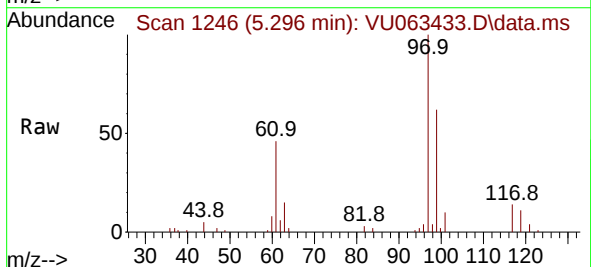
Tgt Ion: 97 Resp: 48456

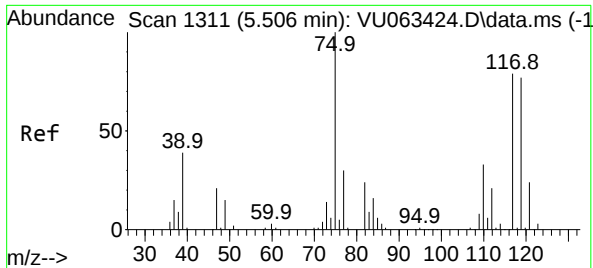
Ion Ratio Lower Upper

97 100

99 62.8 31.9 95.5

61 47.6 22.9 68.7

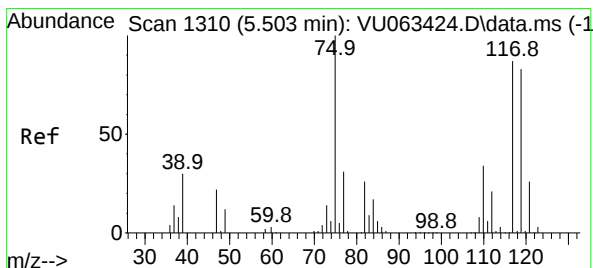
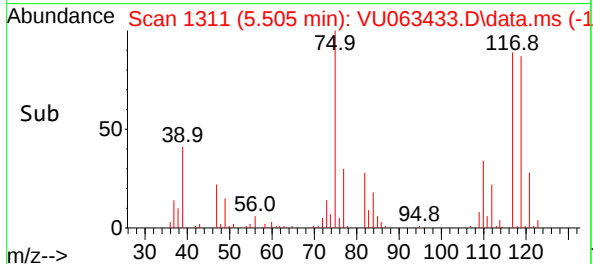
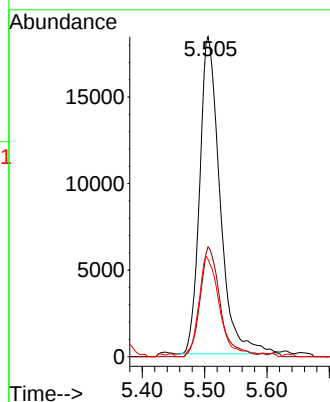
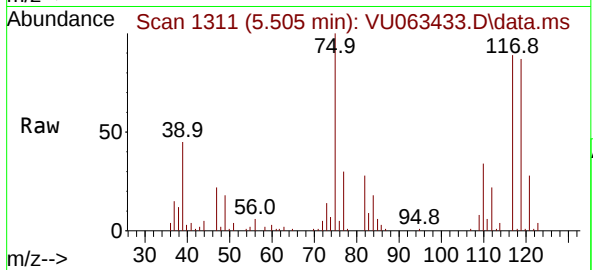




#29
1,1-Dichloropropene
Concen: 2.191 ug/l
RT: 5.505 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

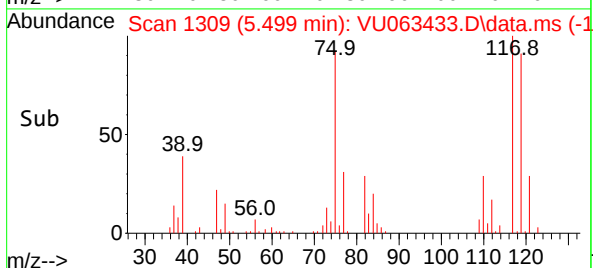
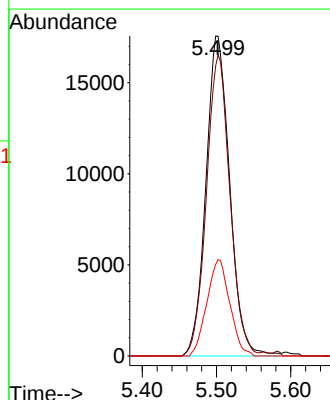
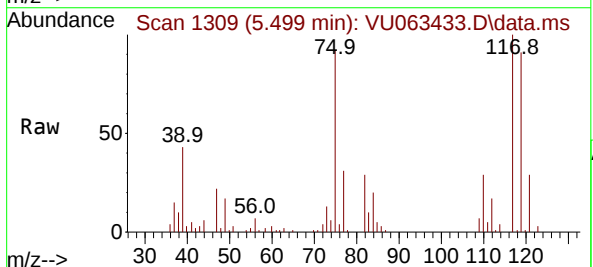
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

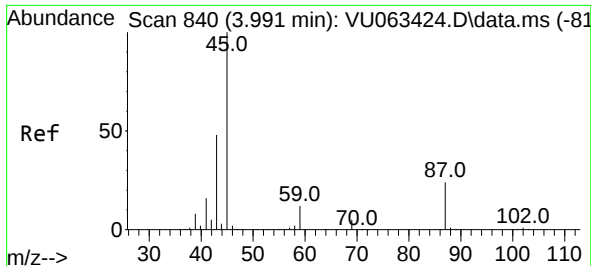
Tgt Ion: 75 Resp: 41576
Ion Ratio Lower Upper
75 100
110 34.1 17.4 52.2
77 32.2 25.4 38.0



#30
Carbon Tetrachloride
Concen: 2.356 ug/l
RT: 5.499 min Scan# 1309
Delta R.T. -0.004 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 117 Resp: 39088
Ion Ratio Lower Upper
117 100
119 90.8 76.7 115.1
121 28.7 24.3 36.5

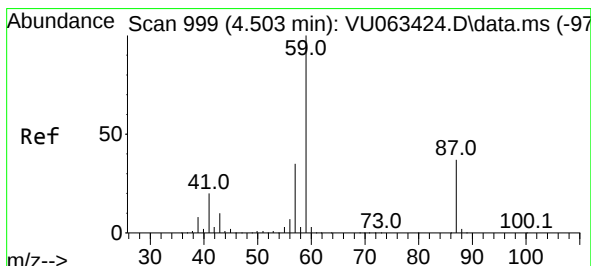
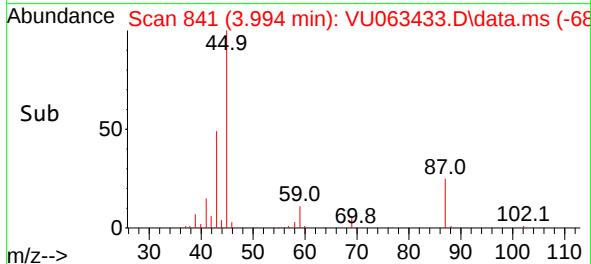
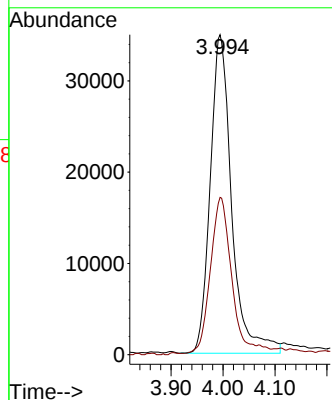
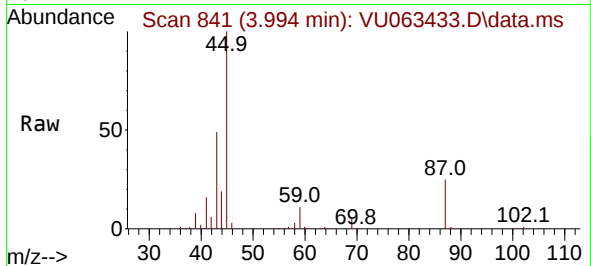




#31
Isopropyl Ether
Concen: 2.340 ug/l
RT: 3.994 min Scan# 840
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

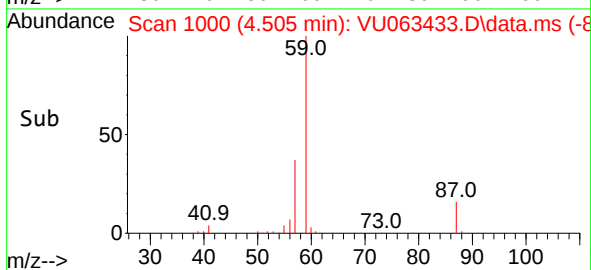
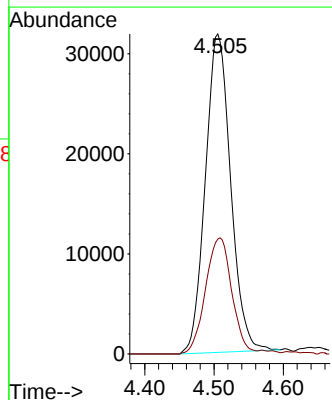
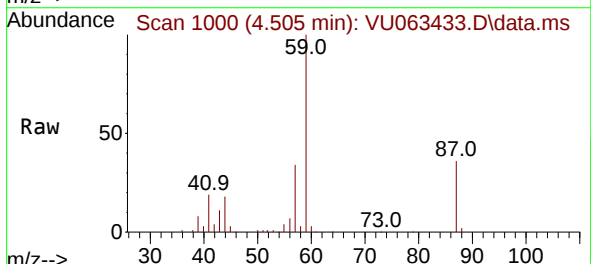
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

Tgt Ion: 45 Resp: 99901
Ion Ratio Lower Upper
45 100
43 47.4 23.8 71.5



#32
Ethyl-t-butyl ether
Concen: 2.231 ug/l
RT: 4.505 min Scan# 1000
Delta R.T. 0.002 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 59 Resp: 80724
Ion Ratio Lower Upper
59 100
87 36.6 29.9 44.9





#33

Tert-Amyl methyl ether

Concen: 2.041 ug/l

RT: 5.946 min Scan# 1447

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD01

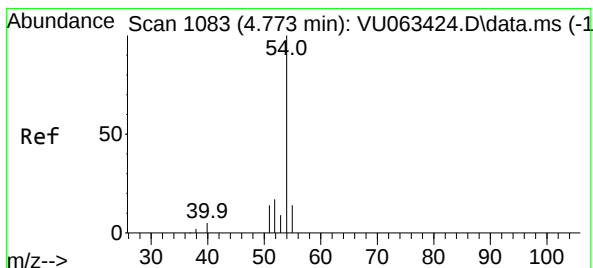
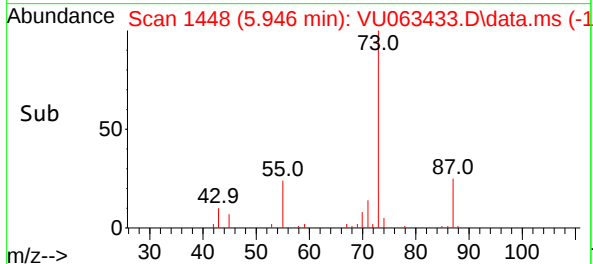
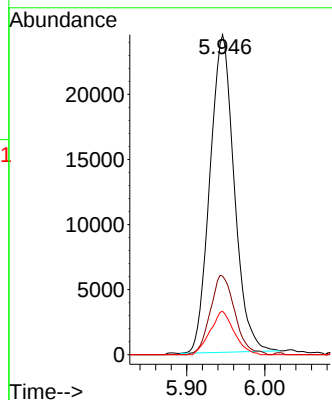
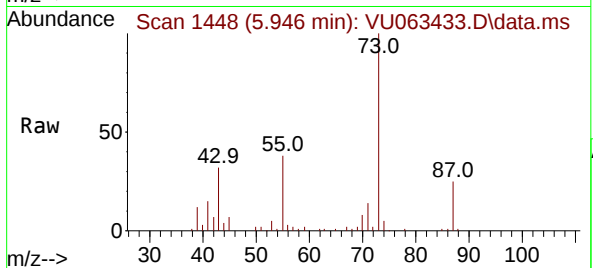
Tgt Ion: 73 Resp: 52845

Ion Ratio Lower Upper

73 100

87 25.3 18.1 27.1

71 13.5 10.0 15.0



#34

Propionitrile

Concen: 11.485 ug/l

RT: 4.779 min Scan# 1085

Delta R.T. 0.006 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Tgt Ion: 54 Resp: 15493

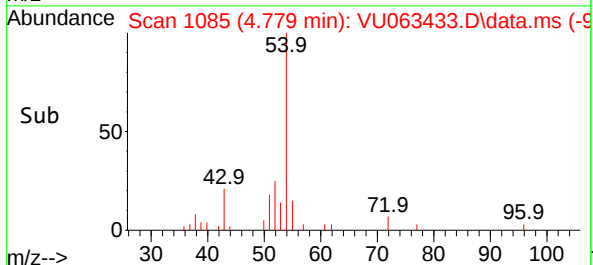
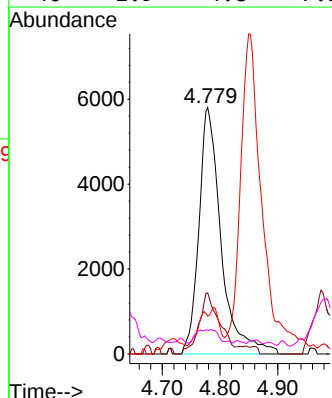
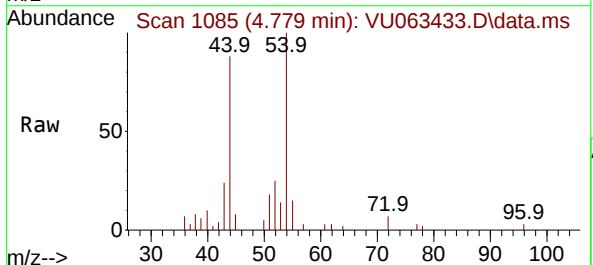
Ion Ratio Lower Upper

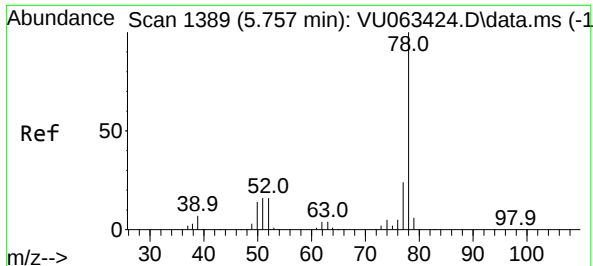
54 100

52 22.6 14.8 22.2#

55 6.0 12.2 18.2#

40 1.9 4.8 7.2#

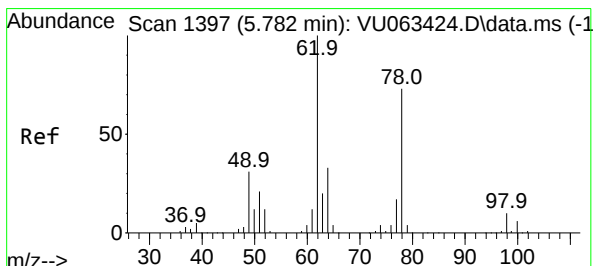
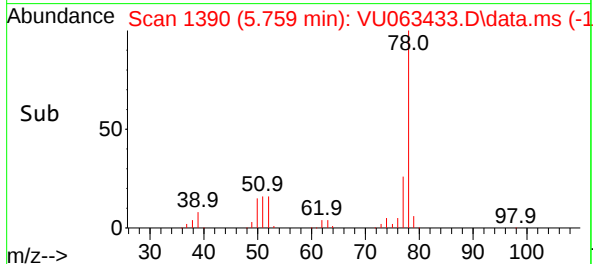
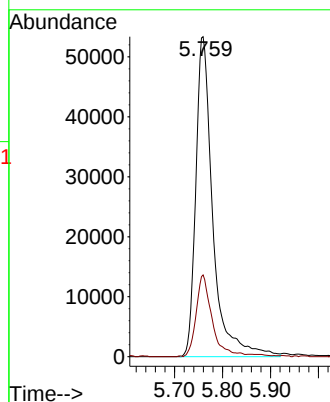
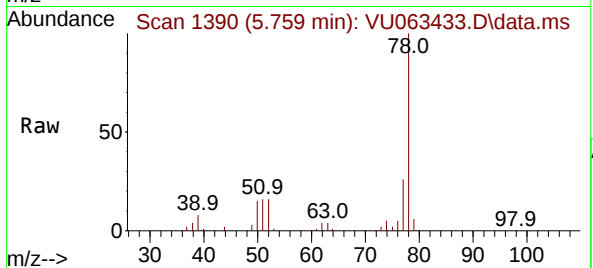




#35
Benzene
Concen: 2.293 ug/l
RT: 5.759 min Scan# 1389
Delta R.T. 0.002 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

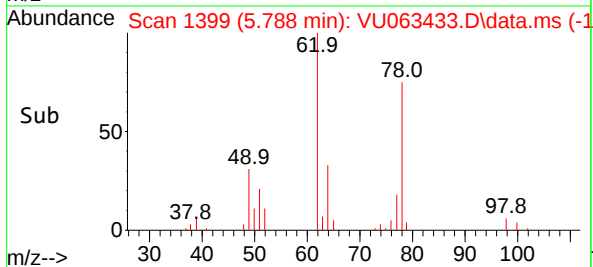
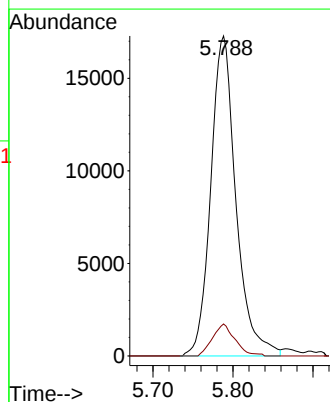
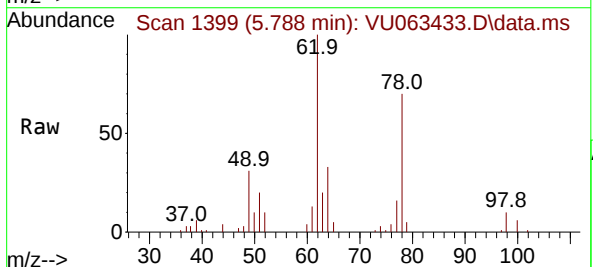
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

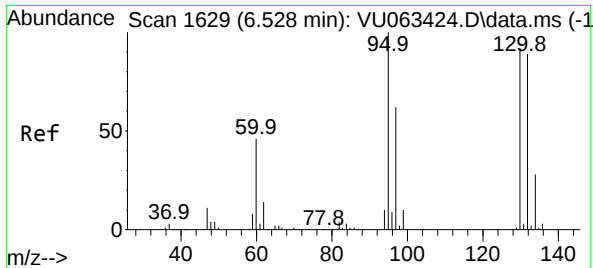
Tgt Ion: 78 Resp: 131629
Ion Ratio Lower Upper
78 100
77 25.3 19.4 29.2



#36
1,2-Dichloroethane
Concen: 2.255 ug/l
RT: 5.788 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 62 Resp: 37840
Ion Ratio Lower Upper
62 100
98 8.9 7.1 10.7





#37

Trichloroethene

Concen: 2.273 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

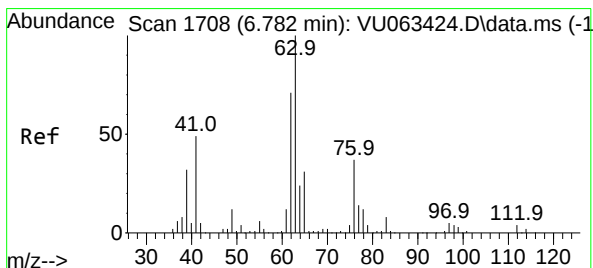
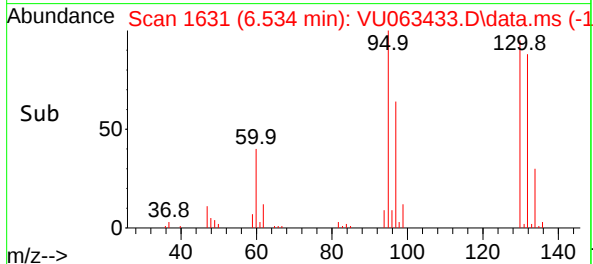
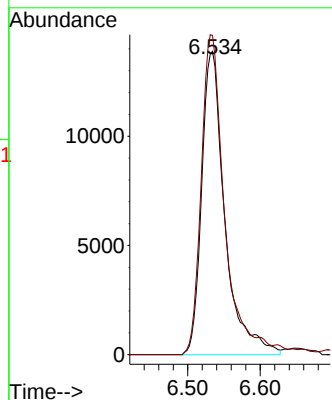
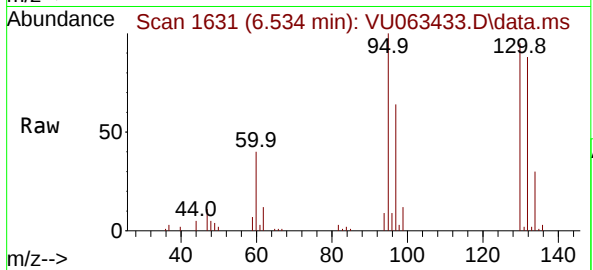
VU0624WBSD01

Tgt Ion:130 Resp: 30828

Ion Ratio Lower Upper

130 100

95 105.2 87.2 130.8



#38

1,2-Dichloropropane

Concen: 2.281 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VU063433.D

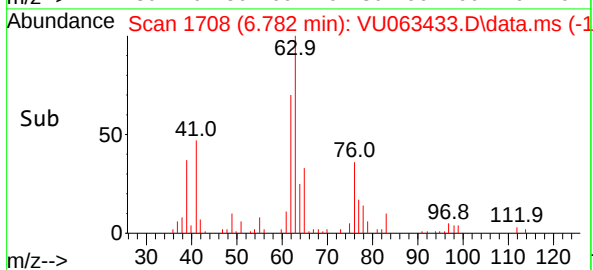
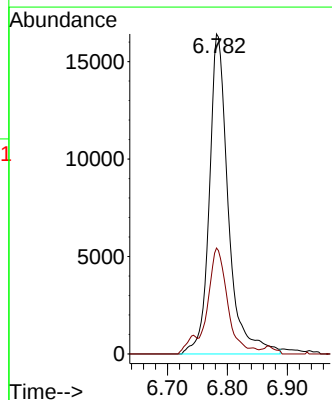
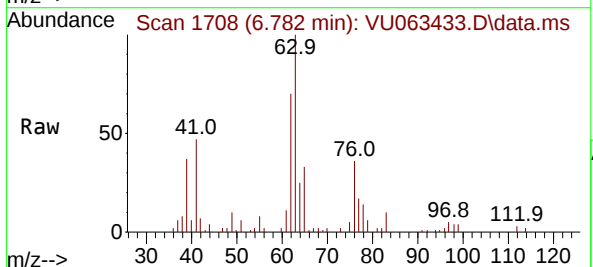
Acq: 24 Jun 2025 12:16

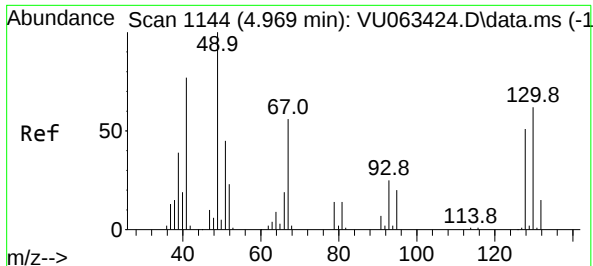
Tgt Ion: 63 Resp: 36163

Ion Ratio Lower Upper

63 100

65 32.4 25.0 37.6





#39

Methacrylonitrile

Concen: 1.902 ug/l

RT: 4.978 min Scan# 1144

Delta R.T. 0.009 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD01

Tgt Ion: 41 Resp: 10673

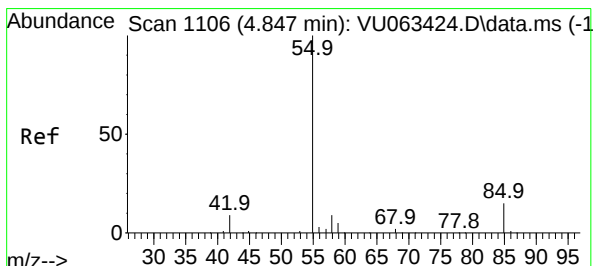
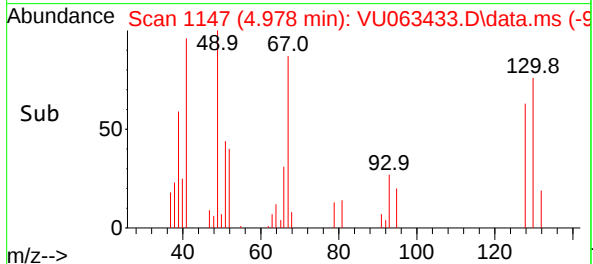
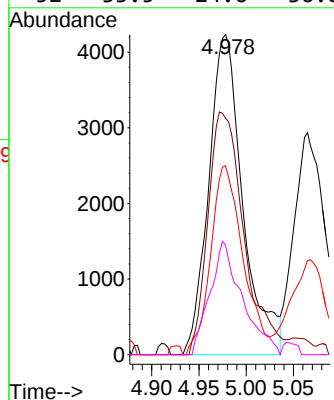
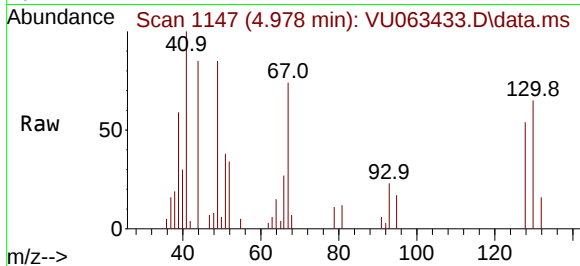
Ion Ratio Lower Upper

41 100

67 80.2 59.8 89.8

39 55.6 40.7 61.1

52 33.5 24.6 36.8



#40

Methyl acrylate

Concen: 2.312 ug/l

RT: 4.849 min Scan# 1107

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Tgt Ion: 55 Resp: 18218

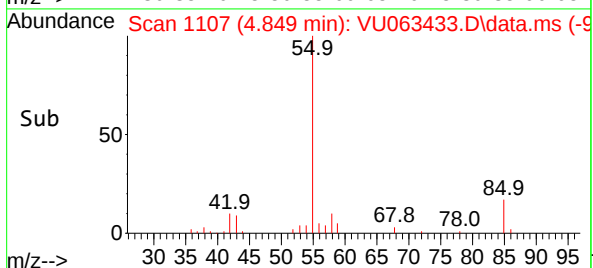
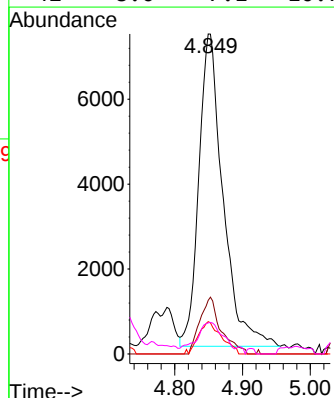
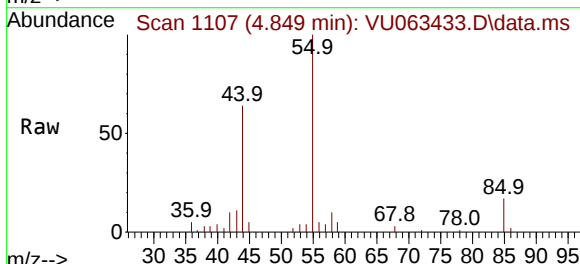
Ion Ratio Lower Upper

55 100

85 15.8 12.6 19.0

58 9.8 6.9 10.3

42 8.0 7.1 10.7





#41

Tetrahydrofuran

Concen: 3.862 ug/l

RT: 5.065 min Scan# 1174

Delta R.T. 0.006 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD01

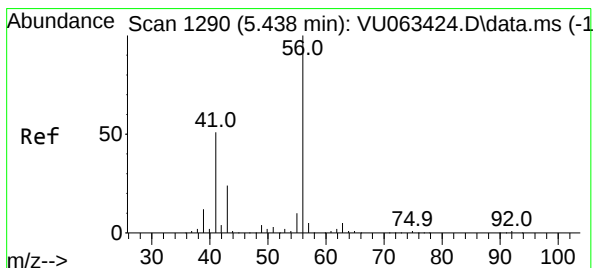
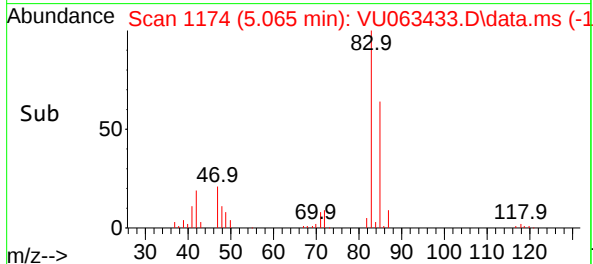
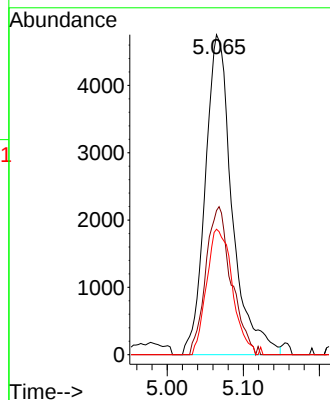
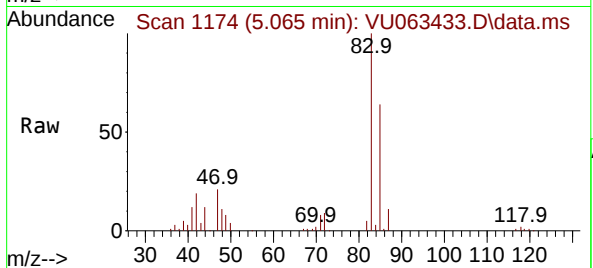
Tgt Ion: 42 Resp: 11659

Ion Ratio Lower Upper

42 100

72 44.1 35.4 53.2

71 37.6 31.4 47.0



#42

1-Chlorobutane

Concen: 2.108 ug/l

RT: 5.441 min Scan# 1291

Delta R.T. 0.003 min

Lab File: VU063433.D

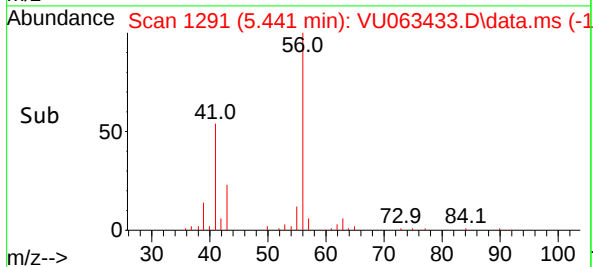
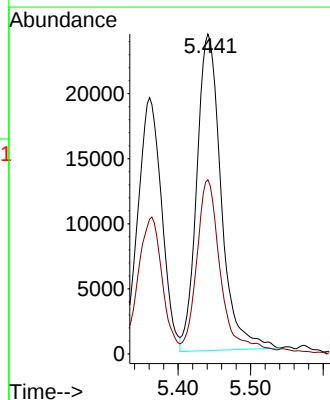
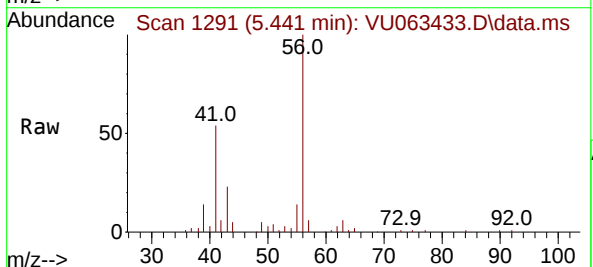
Acq: 24 Jun 2025 12:16

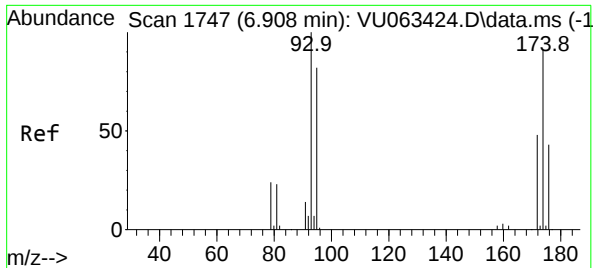
Tgt Ion: 56 Resp: 56729

Ion Ratio Lower Upper

56 100

41 54.3 26.4 79.0

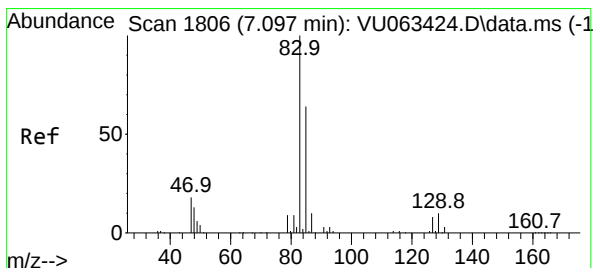
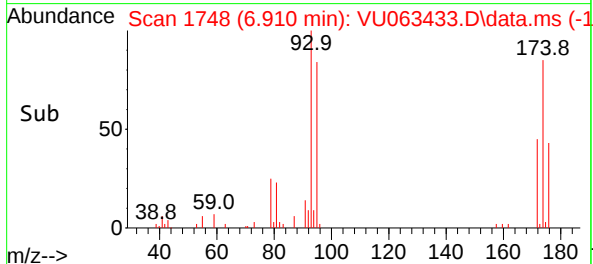
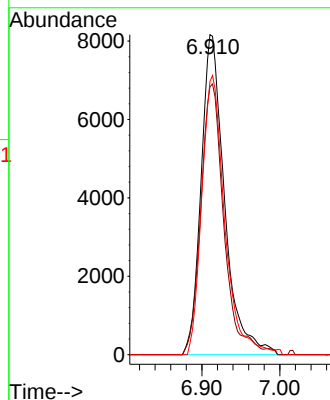
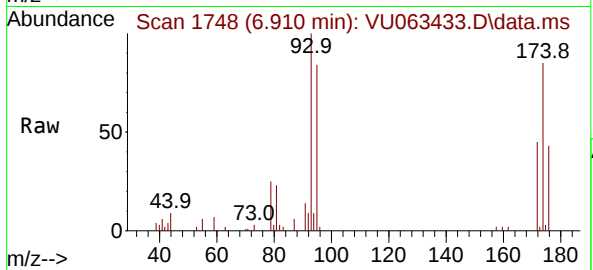




#43
Dibromomethane
Concen: 2.305 ug/l
RT: 6.910 min Scan# 1747
Delta R.T. 0.002 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

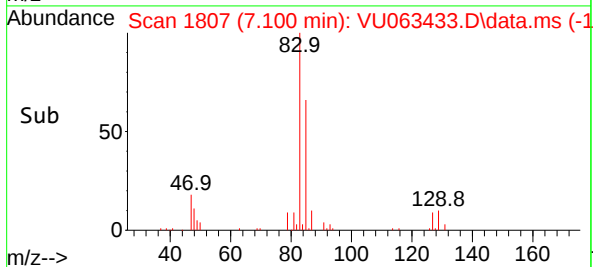
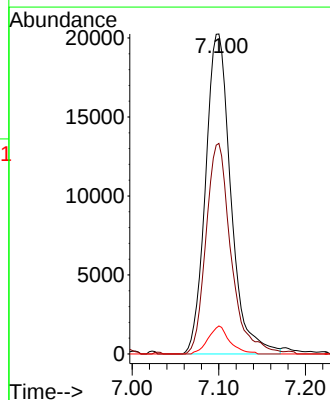
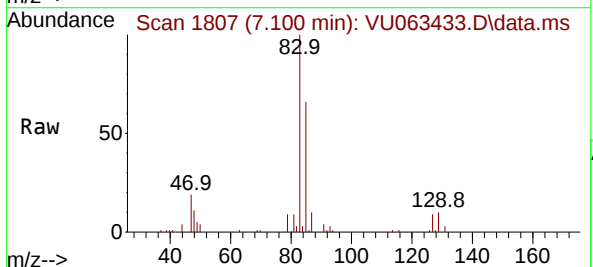
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

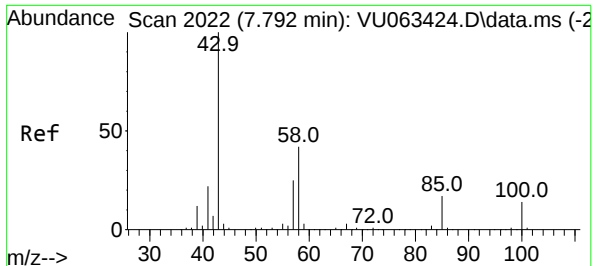
Tgt Ion: 93 Resp: 17065
Ion Ratio Lower Upper
93 100
95 82.8 66.7 100.1
174 85.1 71.1 106.7



#44
Bromodichloromethane
Concen: 2.283 ug/l
RT: 7.100 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 83 Resp: 41184
Ion Ratio Lower Upper
83 100
85 65.8 51.4 77.2
127 9.3 6.6 10.0





#45

4-Methyl-2-Pentanone

Concen: 10.582 ug/l

RT: 7.798 min Scan# 20

Delta R.T. 0.006 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD01

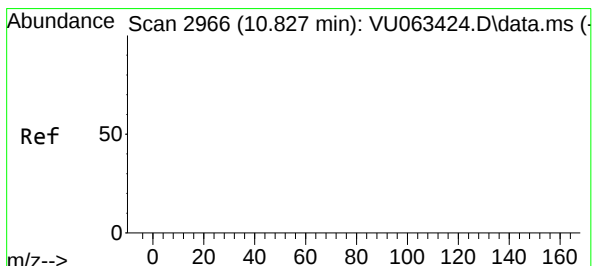
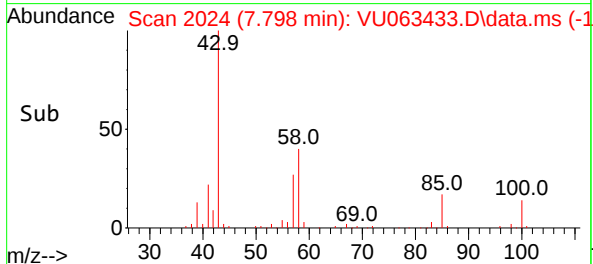
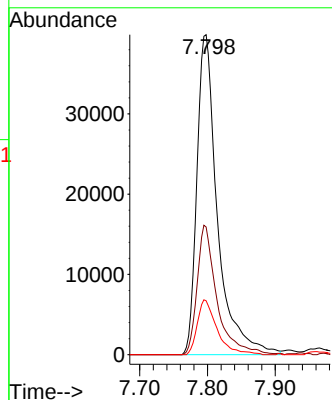
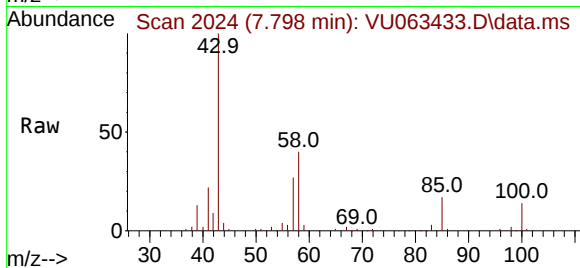
Tgt Ion: 43 Resp: 84115

Ion Ratio Lower Upper

43 100

58 38.9 20.5 61.6

85 16.5 14.2 21.2



#46

t-1,4-Dichloro-2-butene

Concen: 12.029 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.013 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Tgt Ion: 75 Resp: 31429

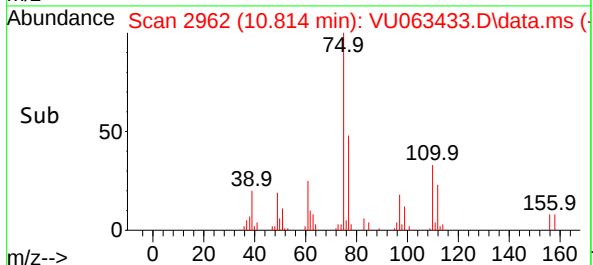
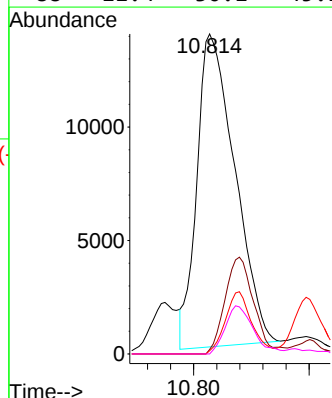
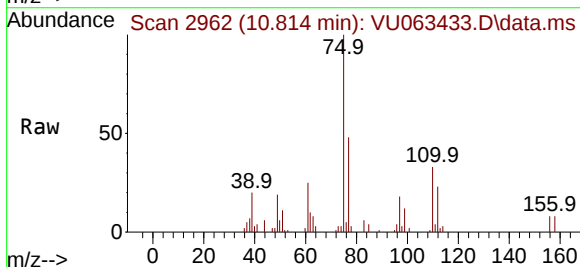
Ion Ratio Lower Upper

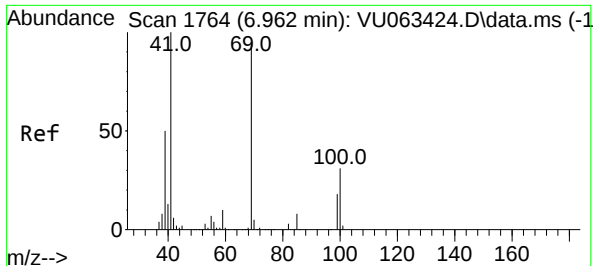
75 100

53 23.7 61.4 92.2#

89 13.9 39.2 58.8#

88 11.4 30.1 45.1#





#47

Methyl methacrylate

Concen: 4.255 ug/l

RT: 6.968 min Scan# 1

Delta R.T. 0.006 min

Lab File: VU063433.D

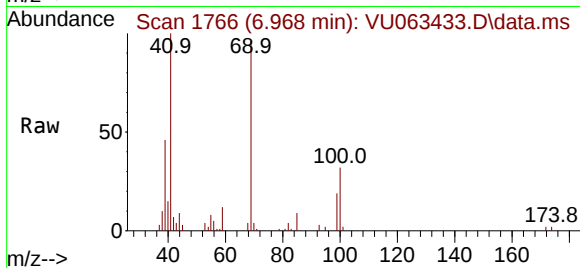
Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD01



Tgt Ion: 69 Resp: 24695

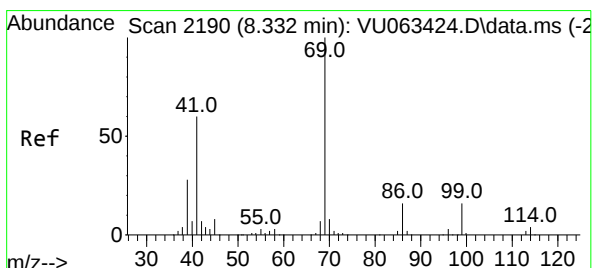
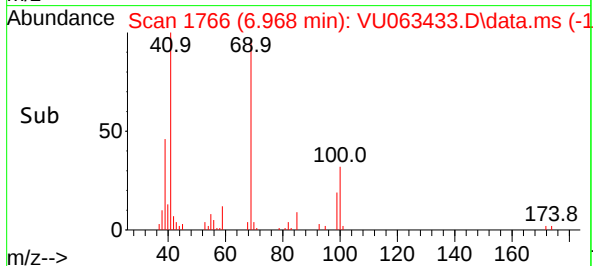
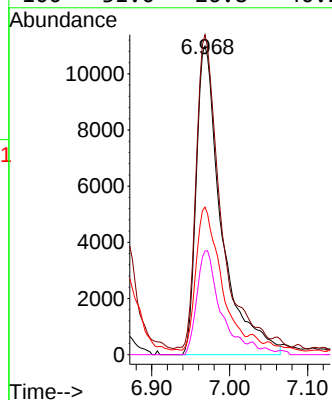
Ion Ratio Lower Upper

69 100

41 96.9 0.0 212.6

39 45.5 40.6 61.0

100 31.0 26.8 40.2



#48

Ethyl methacrylate

Concen: 2.216 ug/l

RT: 8.335 min Scan# 2191

Delta R.T. 0.003 min

Lab File: VU063433.D

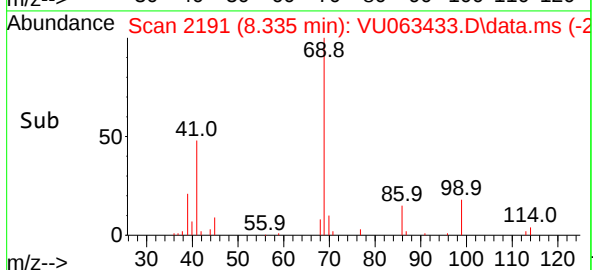
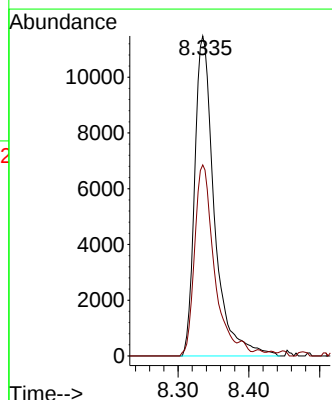
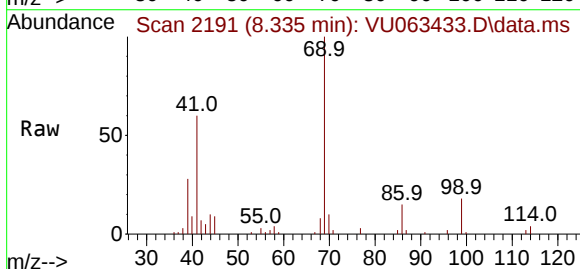
Acq: 24 Jun 2025 12:16

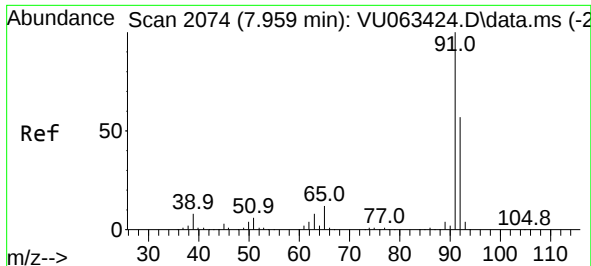
Tgt Ion: 69 Resp: 22157

Ion Ratio Lower Upper

69 100

41 58.6 30.6 92.0





#49

Toluene

Concen: 2.216 ug/l

RT: 7.962 min Scan# 2074

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

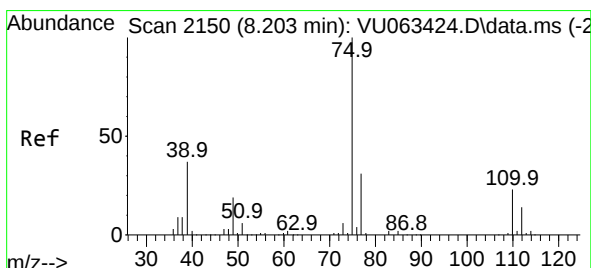
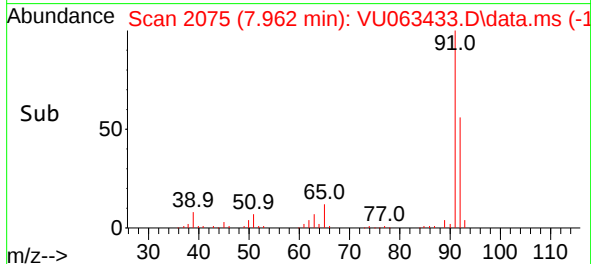
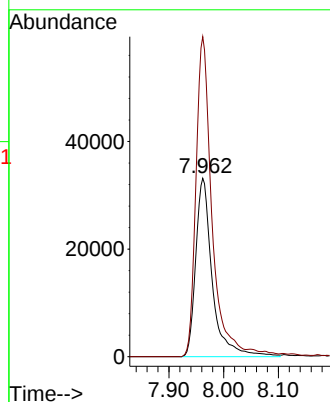
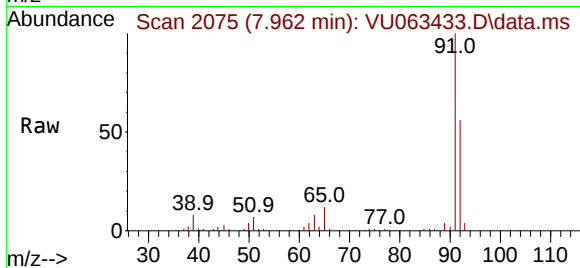
VU0624WBSD01

Tgt Ion: 92 Resp: 69828

Ion Ratio Lower Upper

92 100

91 169.9 142.0 213.0



#50

t-1,3-Dichloropropene

Concen: 2.121 ug/l

RT: 8.206 min Scan# 2151

Delta R.T. 0.003 min

Lab File: VU063433.D

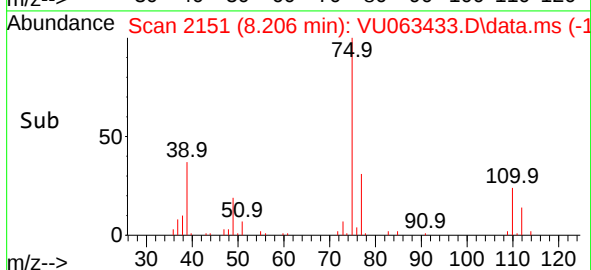
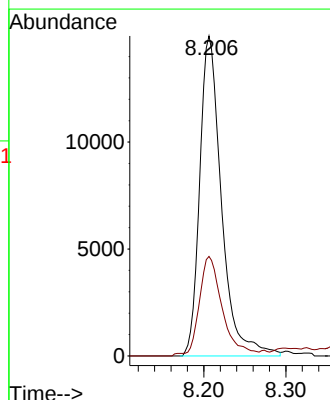
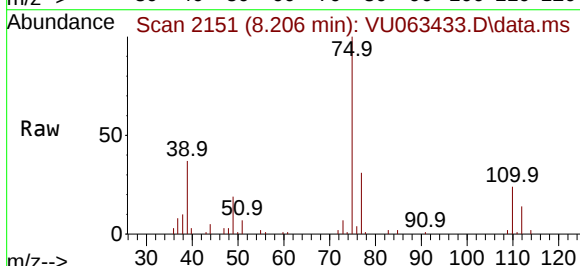
Acq: 24 Jun 2025 12:16

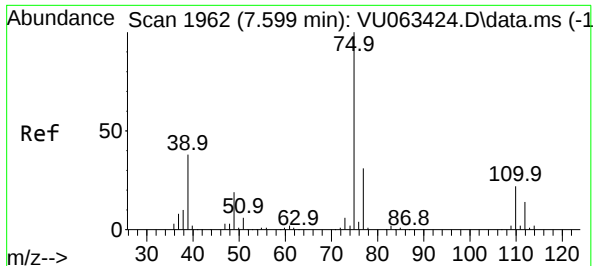
Tgt Ion: 75 Resp: 27590

Ion Ratio Lower Upper

75 100

77 30.3 24.5 36.7





#51

cis-1,3-Dichloropropene

Concen: 2.215 ug/l

RT: 7.602 min Scan# 1962

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD01

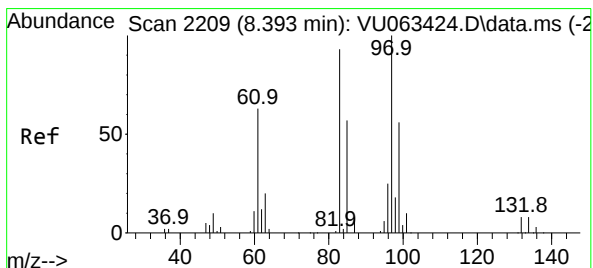
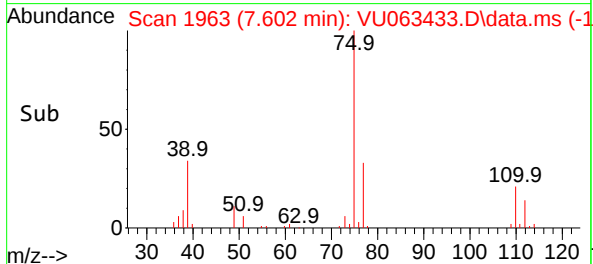
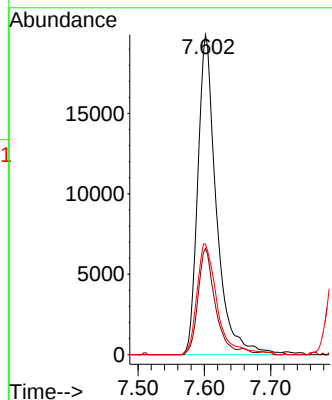
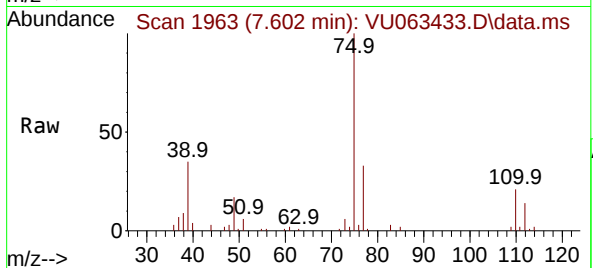
Tgt Ion: 75 Resp: 38692

Ion Ratio Lower Upper

75 100

77 33.2 24.8 37.2

39 34.6 30.7 46.1



#52

1,1,2-Trichloroethane

Concen: 2.273 ug/l

RT: 8.396 min Scan# 2210

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Tgt Ion: 97 Resp: 24606

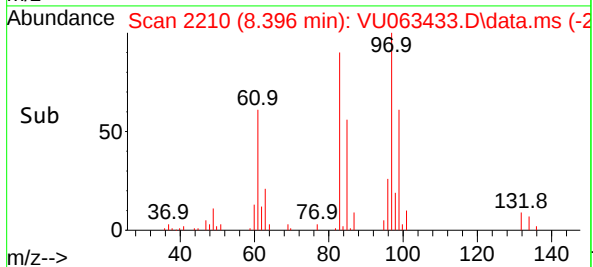
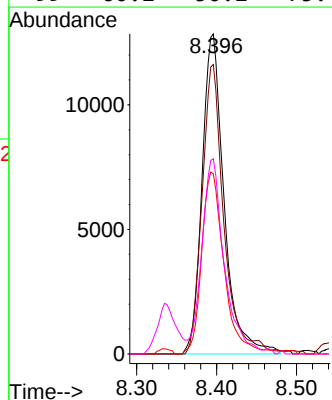
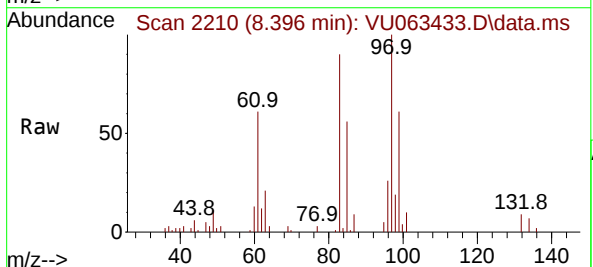
Ion Ratio Lower Upper

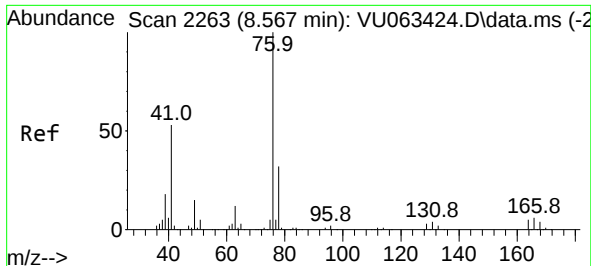
97 100

83 90.4 74.1 111.1

85 56.3 45.8 68.8

99 60.2 50.2 75.4





#53

1,3-Dichloropropane

Concen: 2.233 ug/l

RT: 8.569 min Scan# 21

Delta R.T. 0.002 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

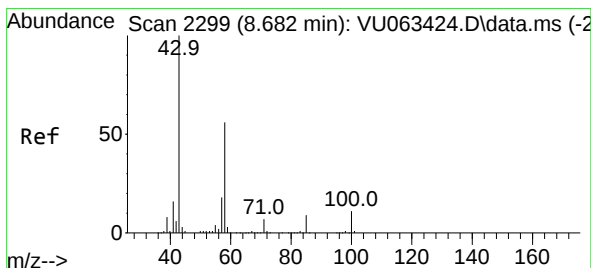
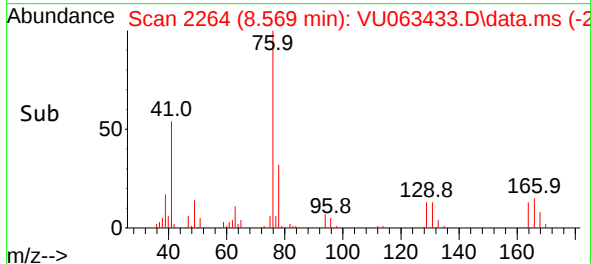
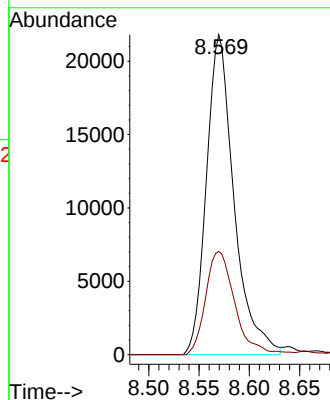
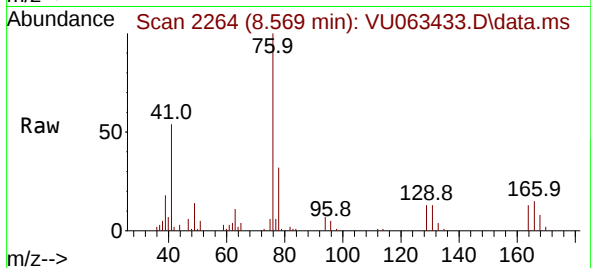
VU0624WBSD01

Tgt Ion: 76 Resp: 41581

Ion Ratio Lower Upper

76 100

78 34.3 25.7 38.5



#54

2-Hexanone

Concen: 10.747 ug/l

RT: 8.688 min Scan# 2301

Delta R.T. 0.006 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

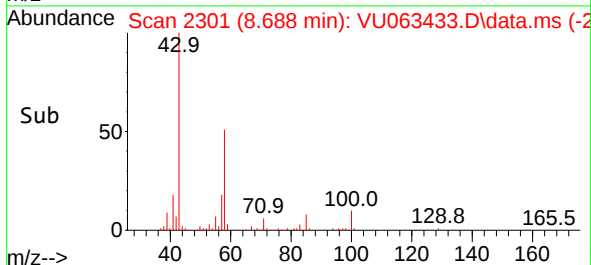
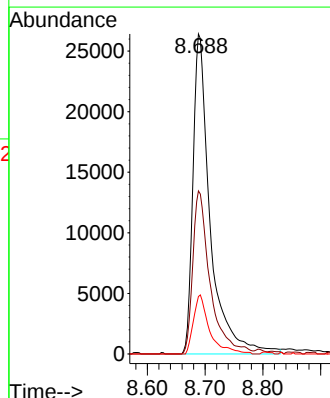
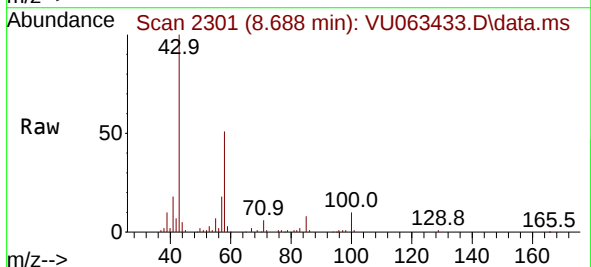
Tgt Ion: 43 Resp: 54892

Ion Ratio Lower Upper

43 100

58 51.1 36.9 76.9

57 17.3 0.0 38.8

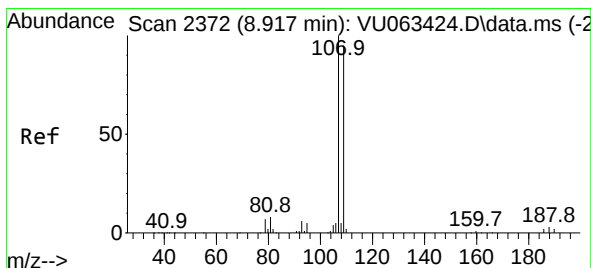
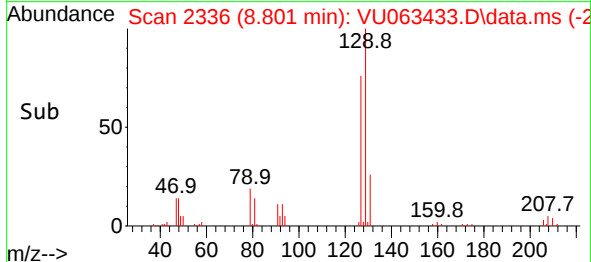
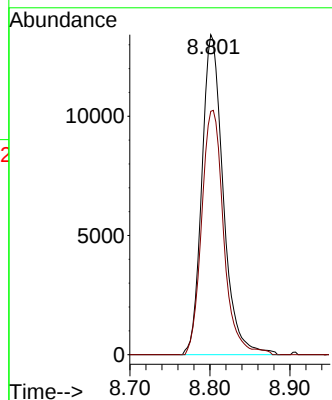
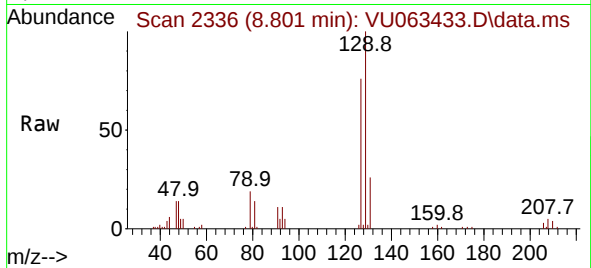




#55
Dibromochloromethane
Concen: 2.242 ug/l
RT: 8.801 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

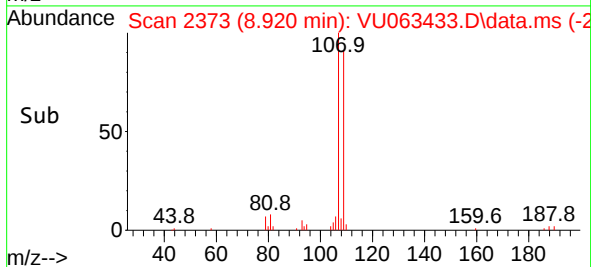
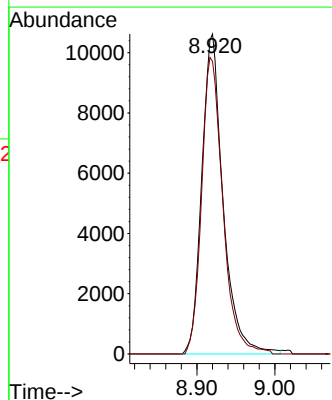
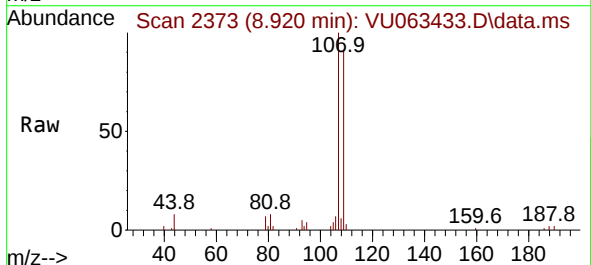
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

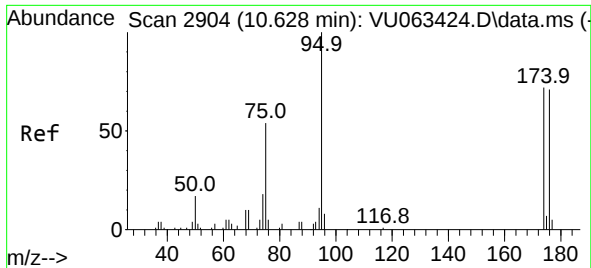
Tgt Ion:129 Resp: 25038
Ion Ratio Lower Upper
129 100
127 78.3 62.6 93.8



#56
1,2-Dibromoethane
Concen: 2.298 ug/l
RT: 8.920 min Scan# 2373
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:107 Resp: 20163
Ion Ratio Lower Upper
107 100
109 92.3 0.0 188.0

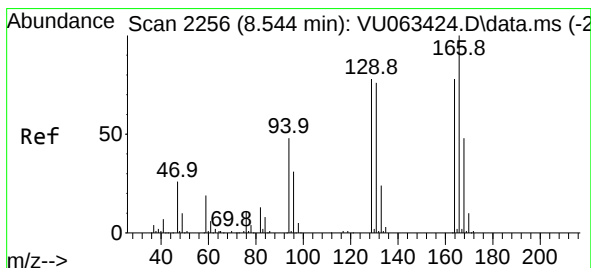
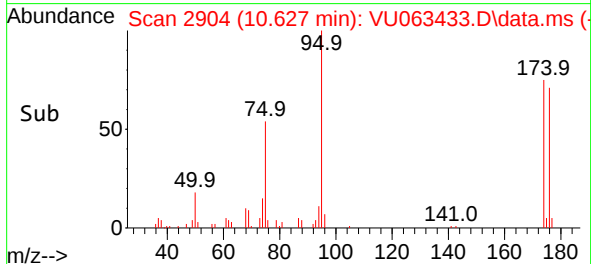
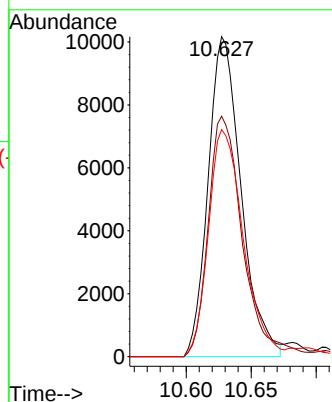
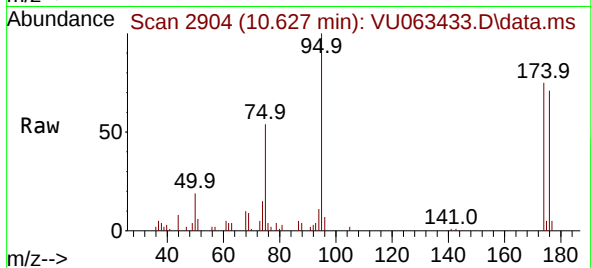




#57
4-Bromofluorobenzene
Concen: 1.109 ug/l
RT: 10.627 min Scan# 2904
Delta R.T. -0.001 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

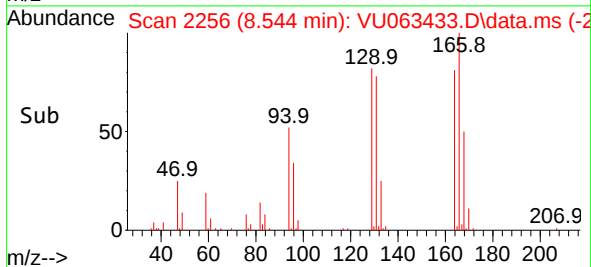
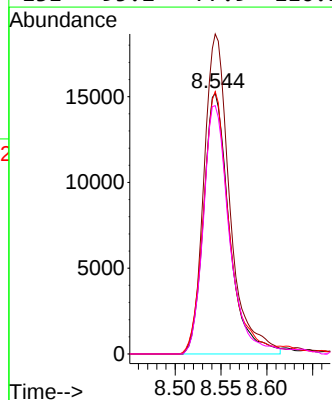
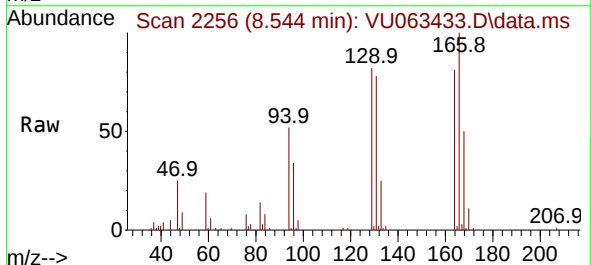
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

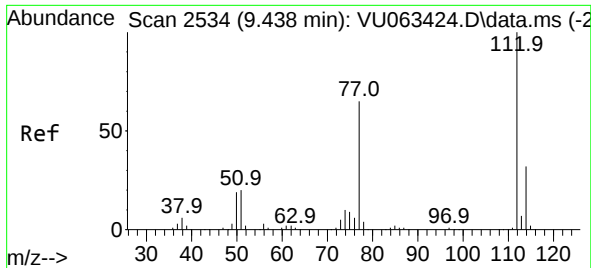
Tgt Ion: 95 Resp: 17940
Ion Ratio Lower Upper
95 100
174 78.2 59.4 89.2
176 75.0 57.8 86.6



#58
Tetrachloroethene
Concen: 2.222 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:164 Resp: 29570
Ion Ratio Lower Upper
164 100
166 122.7 102.8 154.2
129 100.7 80.2 120.2
131 95.2 77.9 116.9





#59

Chlorobenzene

Concen: 2.236 ug/l

RT: 9.441 min Scan# 2535

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

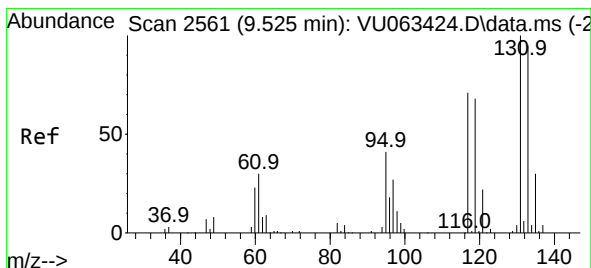
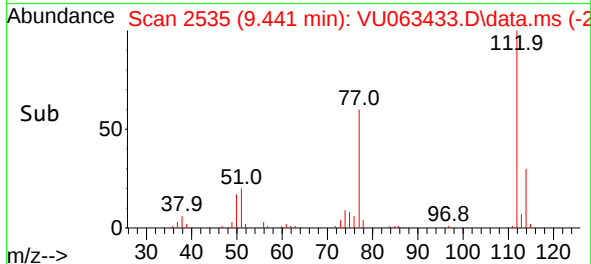
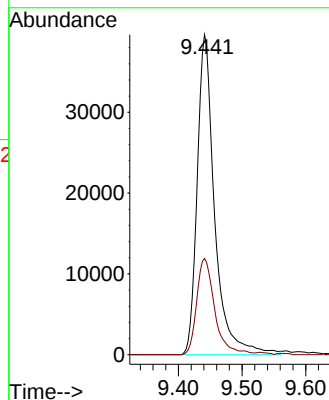
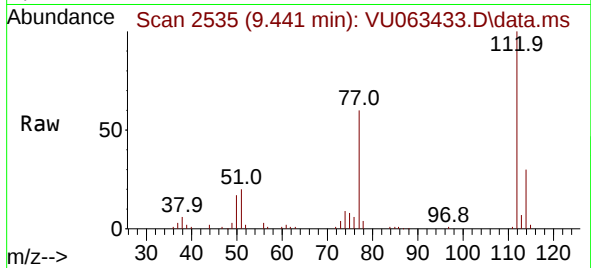
VU0624WBSD01

Tgt Ion:112 Resp: 75413

Ion Ratio Lower Upper

112 100

114 30.1 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 2.216 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. -0.001 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

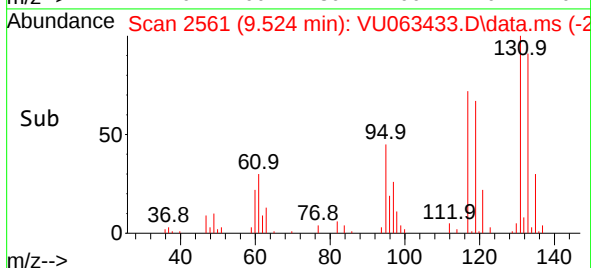
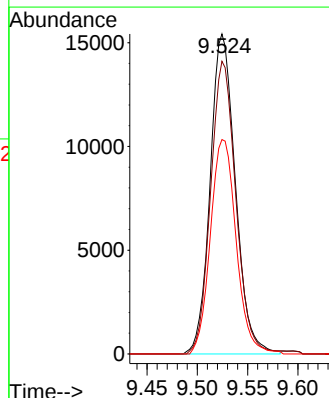
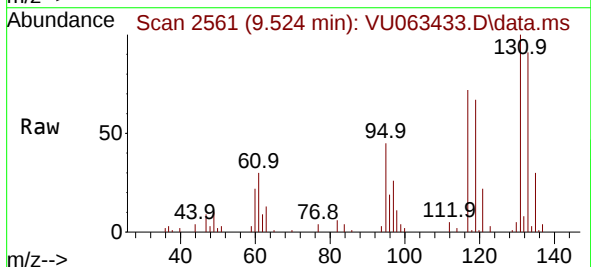
Tgt Ion:131 Resp: 26908

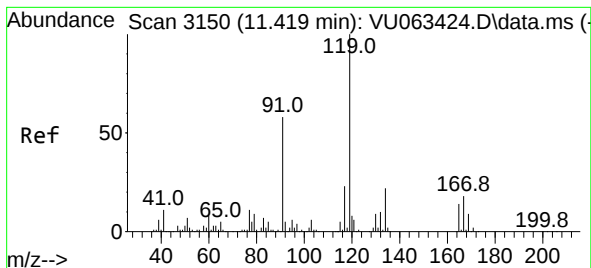
Ion Ratio Lower Upper

131 100

133 91.8 76.1 114.1

119 68.6 53.7 80.5





#61

Pentachloroethane

Concen: 2.253 ug/l

RT: 11.415 min Scan# 3150

Delta R.T. -0.004 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

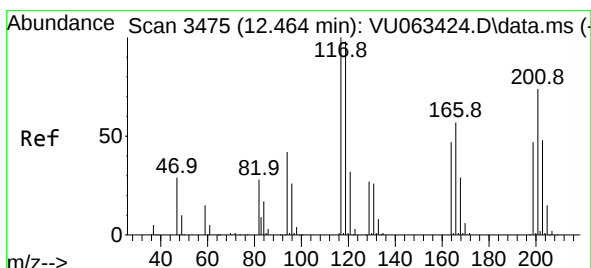
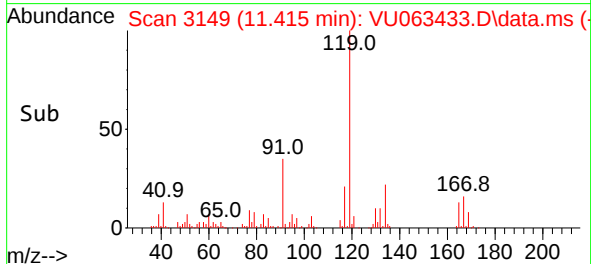
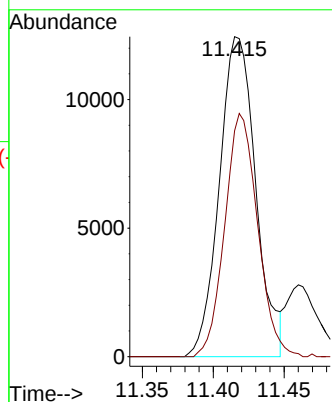
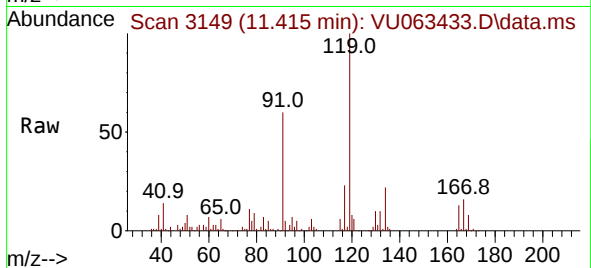
VU0624WBSD01

Tgt Ion:117 Resp: 22285

Ion Ratio Lower Upper

117 100

167 68.6 58.1 87.1



#62

Hexachloroethane

Concen: 2.237 ug/l

RT: 12.466 min Scan# 3476

Delta R.T. 0.003 min

Lab File: VU063433.D

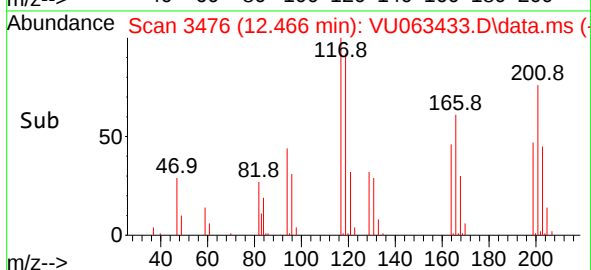
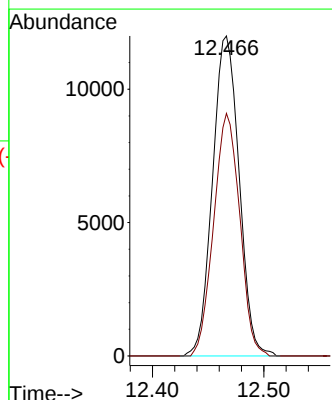
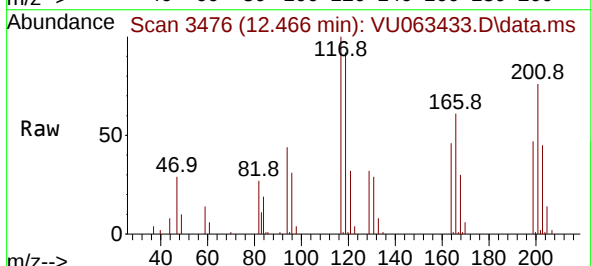
Acq: 24 Jun 2025 12:16

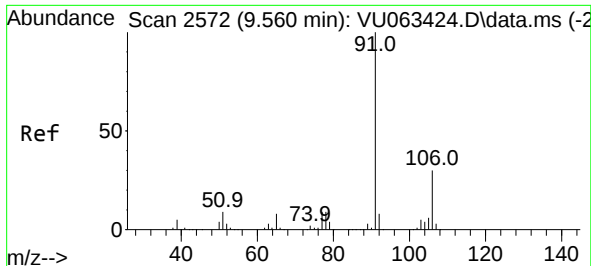
Tgt Ion:117 Resp: 19905

Ion Ratio Lower Upper

117 100

201 74.3 60.4 90.6





#63

Ethyl Benzene

Concen: 2.121 ug/l

RT: 9.563 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

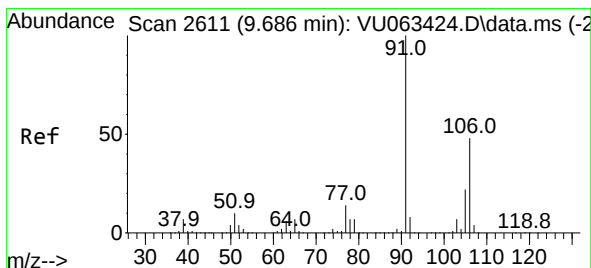
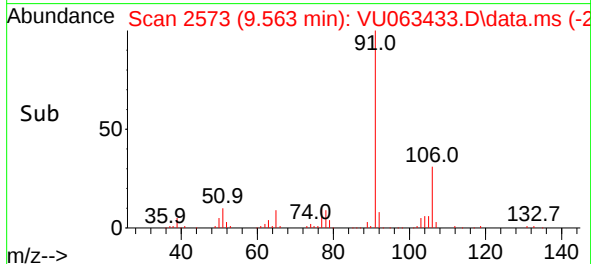
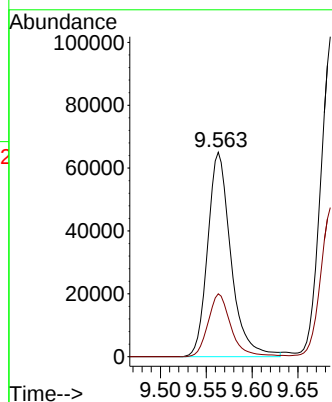
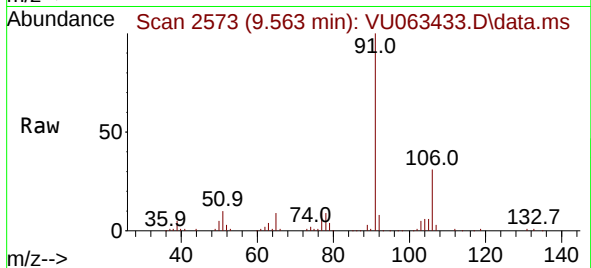
VU0624WBSD01

Tgt Ion: 91 Resp: 114691

Ion Ratio Lower Upper

91 100

106 30.8 24.2 36.2



#64

m/p-Xylenes

Concen: 4.057 ug/l

RT: 9.688 min Scan# 2612

Delta R.T. 0.002 min

Lab File: VU063433.D

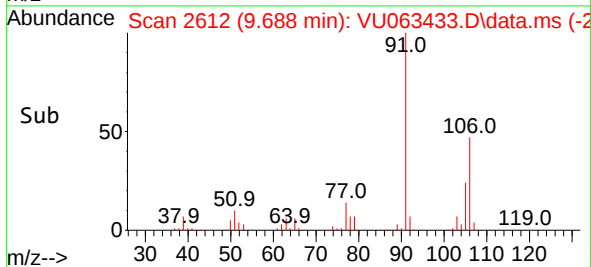
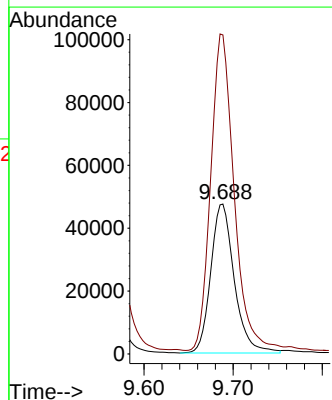
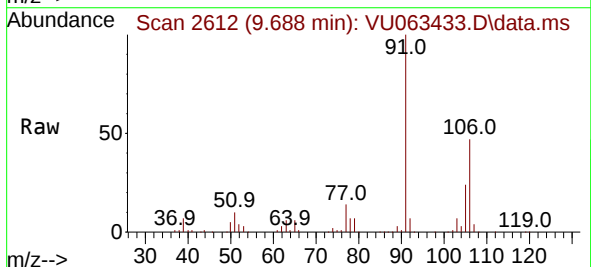
Acq: 24 Jun 2025 12:16

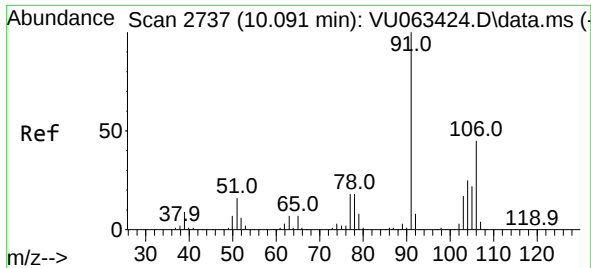
Tgt Ion:106 Resp: 87004

Ion Ratio Lower Upper

106 100

91 217.4 169.9 254.9

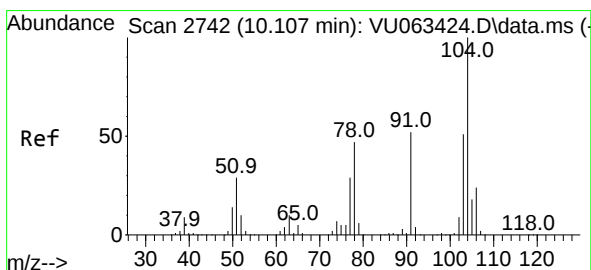
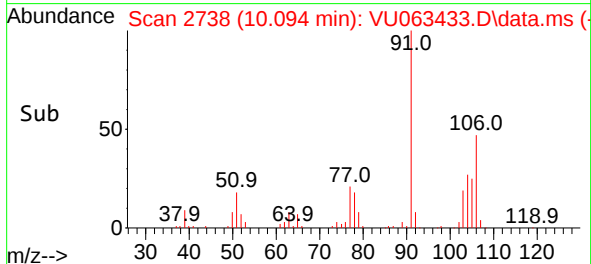
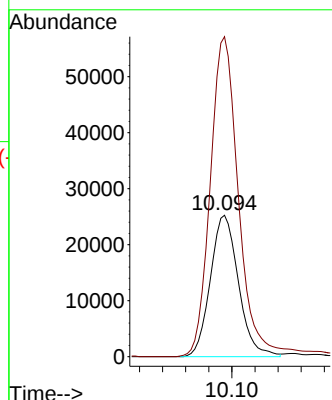
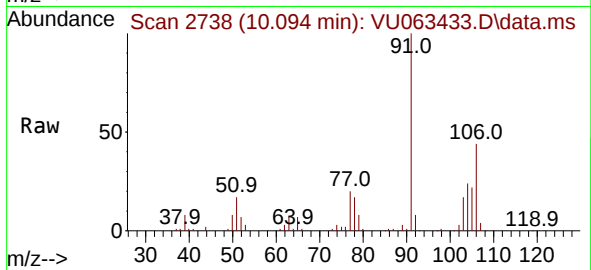




#65
o-Xylene
Concen: 2.076 ug/l
RT: 10.094 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

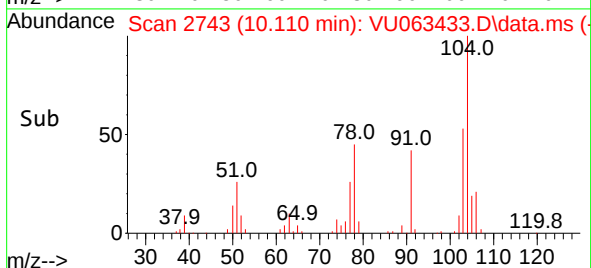
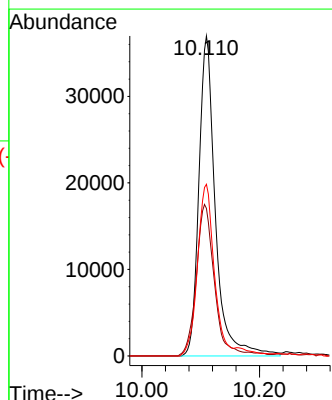
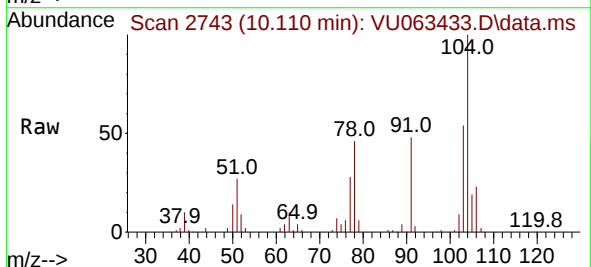
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

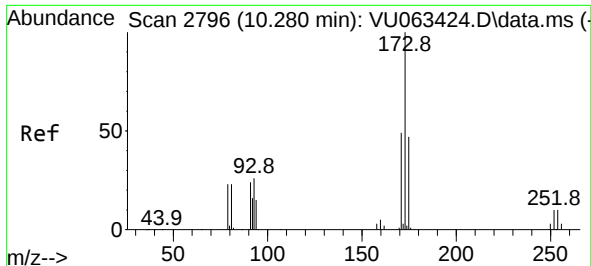
Tgt Ion:106 Resp: 42647
Ion Ratio Lower Upper
106 100
91 231.6 110.8 332.3



#66
Styrene
Concen: 2.092 ug/l
RT: 10.110 min Scan# 2743
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:104 Resp: 71958
Ion Ratio Lower Upper
104 100
78 51.8 41.6 62.4
103 54.1 44.6 67.0

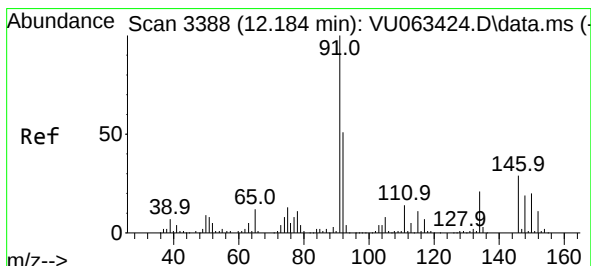
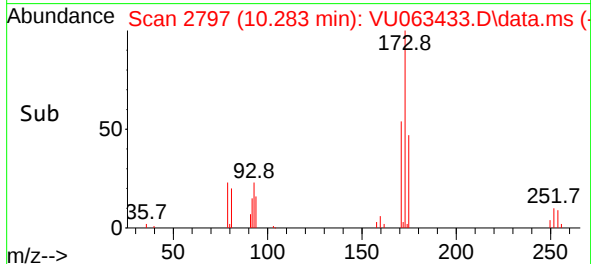
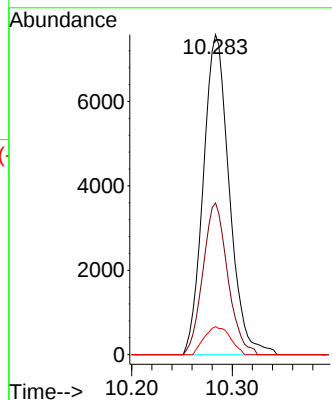
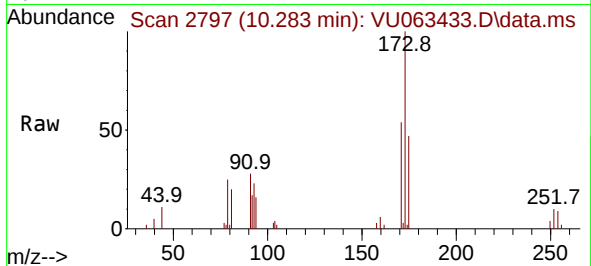




#67
Bromoform
Concen: 2.230 ug/l
RT: 10.283 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

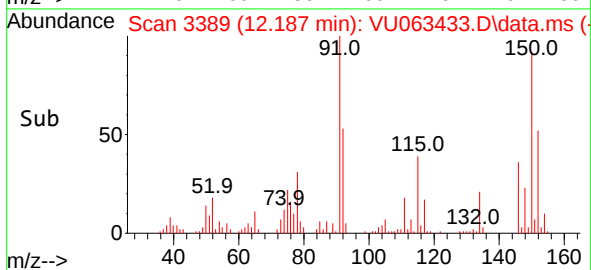
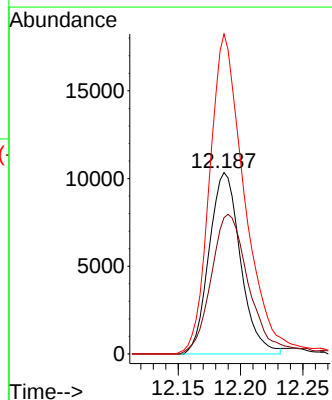
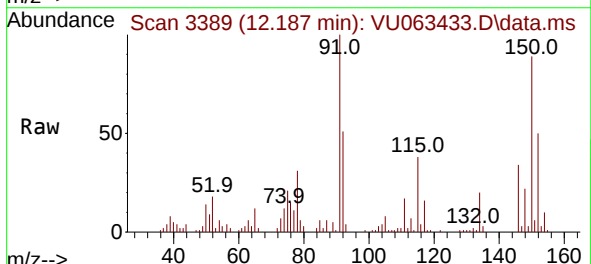
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

Tgt Ion:173 Resp: 13611
Ion Ratio Lower Upper
173 100
175 45.2 38.2 57.2
254 8.7 7.6 11.4



#68
1,2-Dichlorobenzene-d4
Concen: 1.115 ug/l
RT: 12.187 min Scan# 3389
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:152 Resp: 18111
Ion Ratio Lower Upper
152 100
115 93.2 0.0 327.6
150 198.0 0.0 664.4

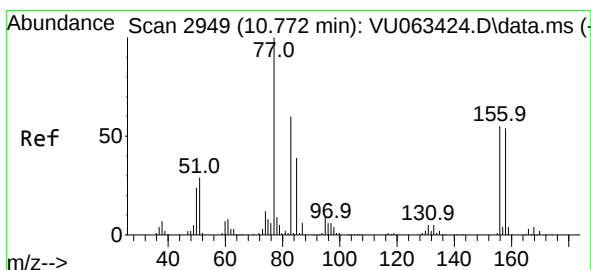
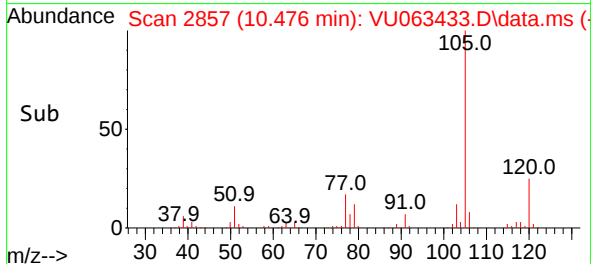
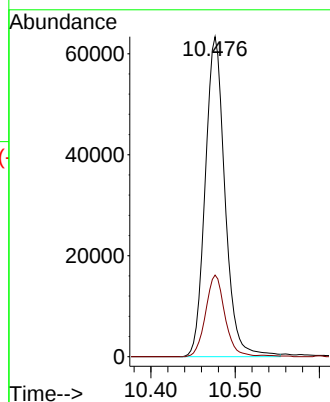
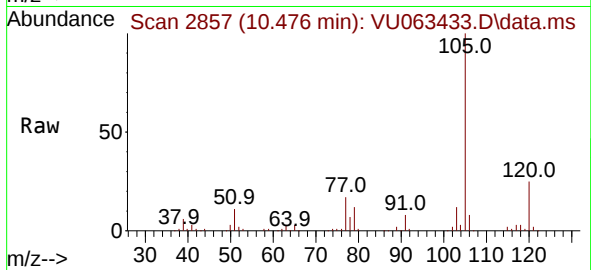




#69
Isopropylbenzene
Concen: 2.177 ug/l
RT: 10.476 min Scan# 21
Delta R.T. -0.001 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

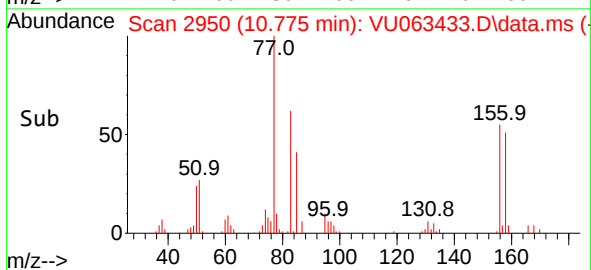
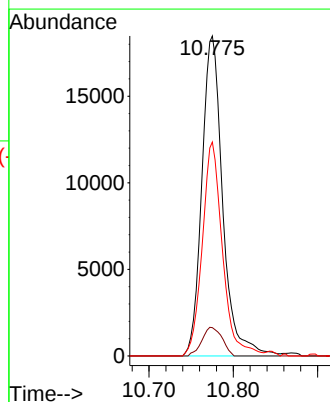
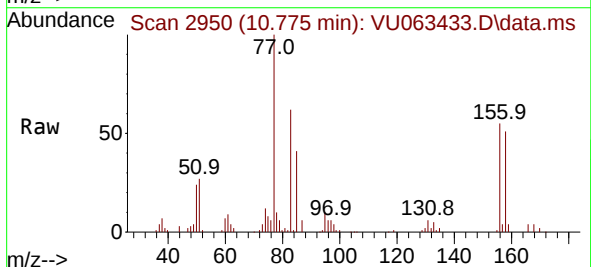
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

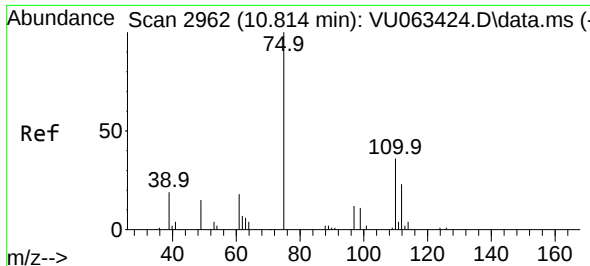
Tgt Ion:105 Resp: 103632
Ion Ratio Lower Upper
105 100
120 24.9 12.7 38.1



#70
1,1,2,2-Tetrachloroethane
Concen: 2.298 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 83 Resp: 31827
Ion Ratio Lower Upper
83 100
131 8.7 7.4 11.0
85 64.8 51.3 76.9

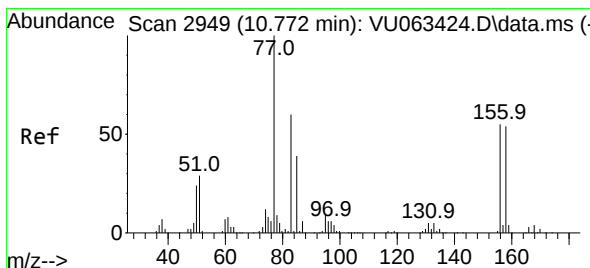
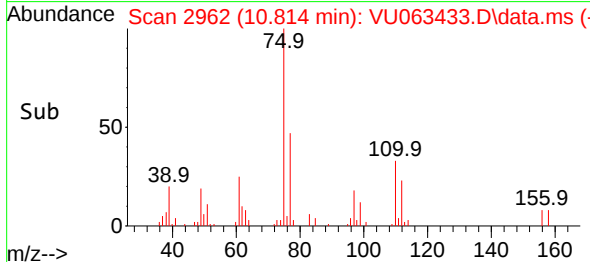
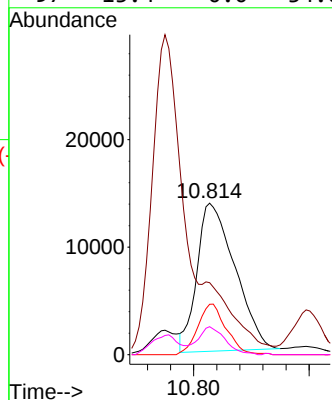
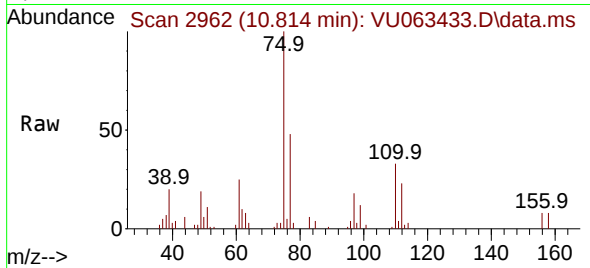




#71
1,2,3-Trichloropropane
Concen: 2.779 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

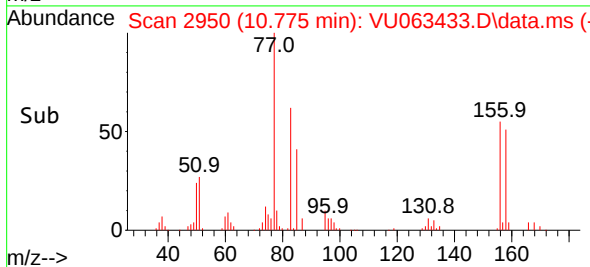
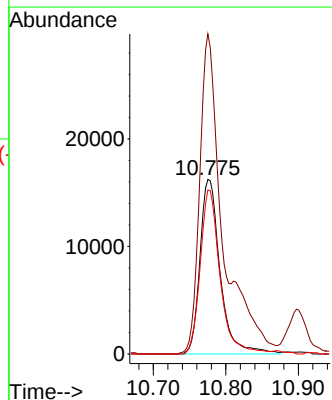
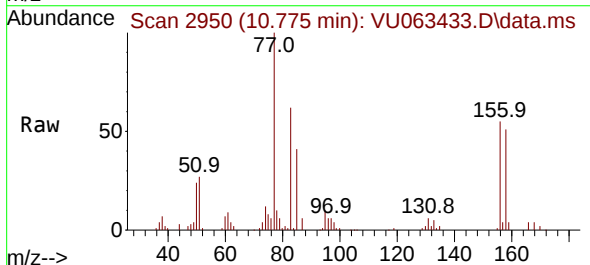
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

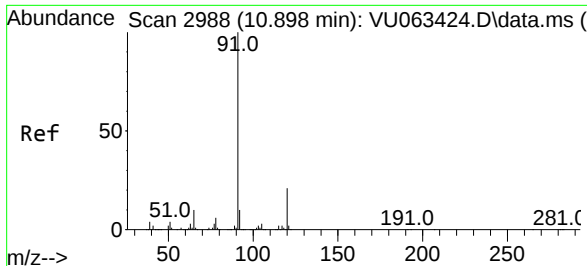
Tgt Ion:	75	Resp:	31429
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0
110	25.6	0.0	63.4
97	13.4	0.0	34.0



#72
Bromobenzene
Concen: 2.352 ug/l
RT: 10.775 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:	156	Resp:	31426
Ion Ratio	Lower	Upper	
156	100		
77	171.2	0.0	416.2
158	92.0	0.0	190.6

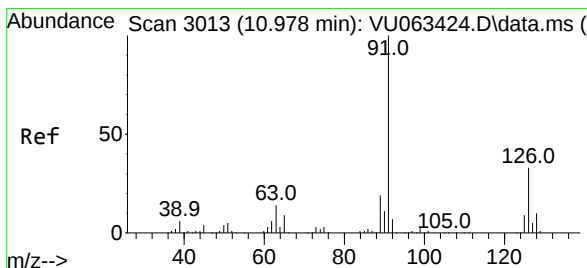
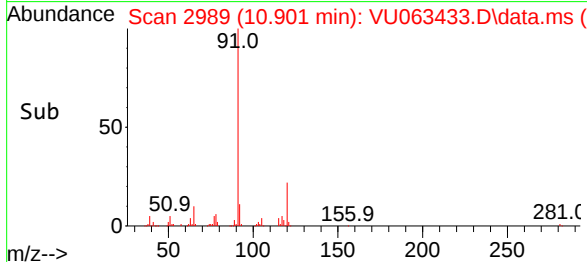
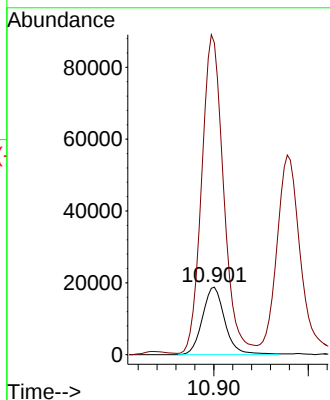
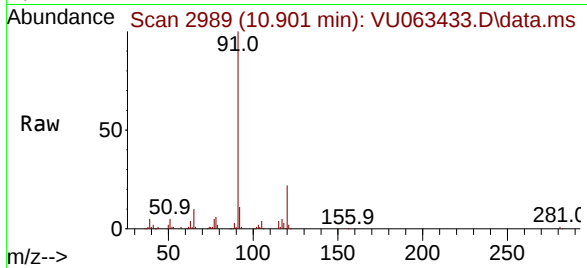




#73
n-propylbenzene
Concen: 2.095 ug/l
RT: 10.901 min Scan# 2989
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

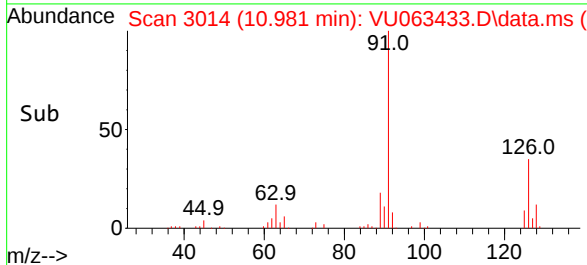
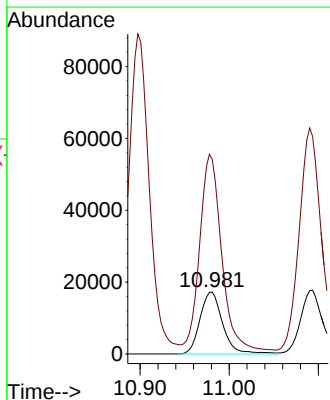
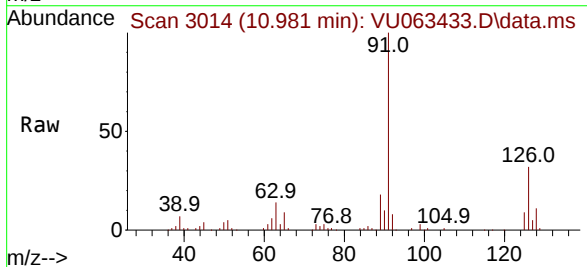
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

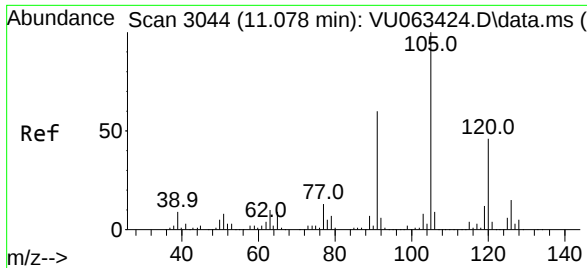
Tgt Ion:120 Resp: 30992
Ion Ratio Lower Upper
120 100
91 460.3 373.7 560.5



#74
2-Chlorotoluene
Concen: 2.303 ug/l
RT: 10.981 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:126 Resp: 30419
Ion Ratio Lower Upper
126 100
91 315.5 0.0 650.8

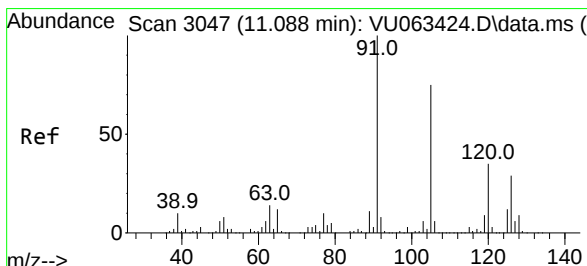
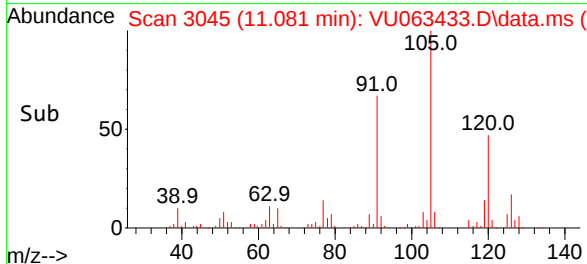
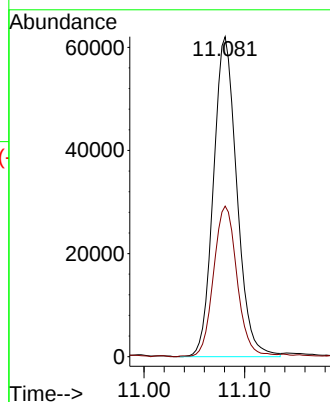
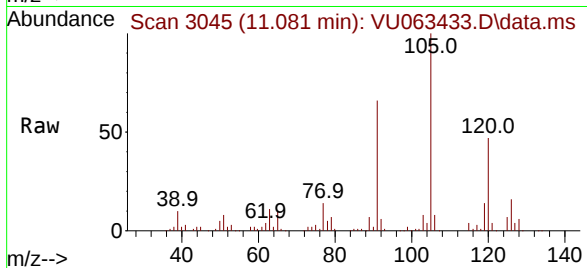




#75
1,3,5-Trimethylbenzene
Concen: 2.084 ug/l
RT: 11.081 min Scan# 3044
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

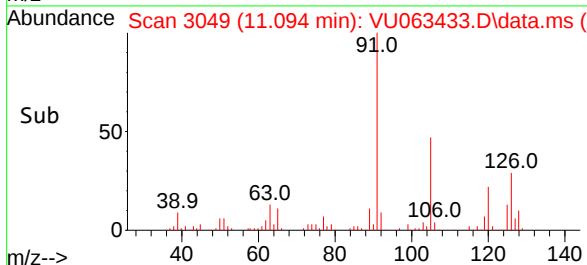
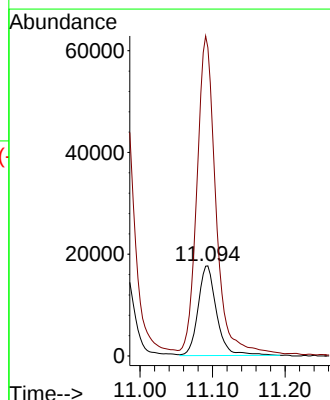
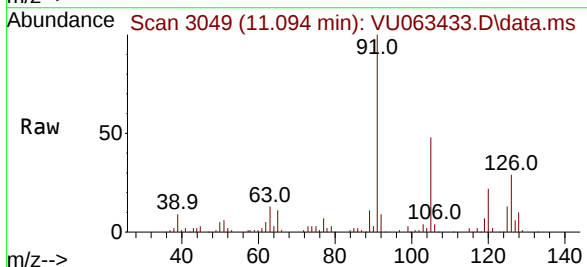
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

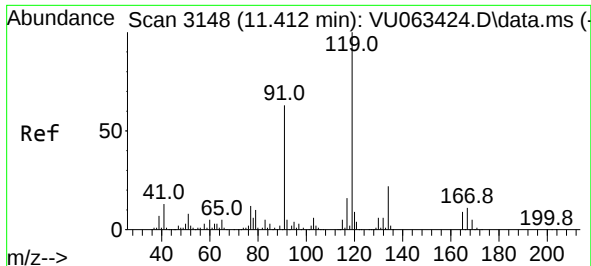
Tgt Ion:105 Resp: 100505
Ion Ratio Lower Upper
105 100
120 47.2 37.0 55.4



#76
4-Chlorotoluene
Concen: 2.256 ug/l
RT: 11.094 min Scan# 3049
Delta R.T. 0.006 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:126 Resp: 31207
Ion Ratio Lower Upper
126 100
91 359.8 0.0 713.2

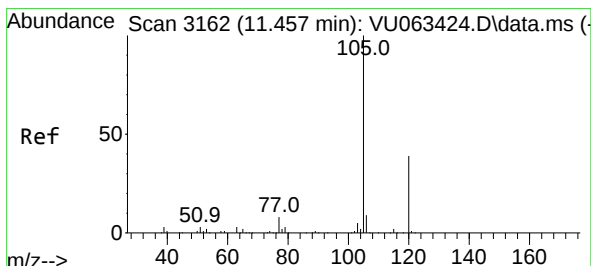
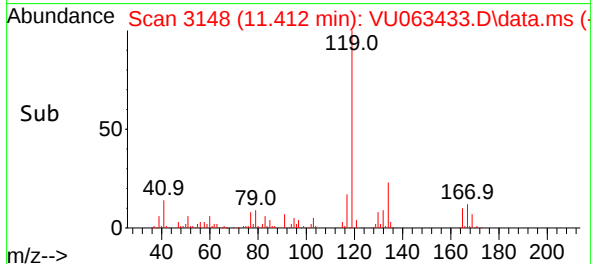
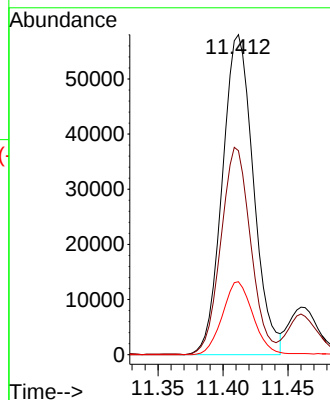
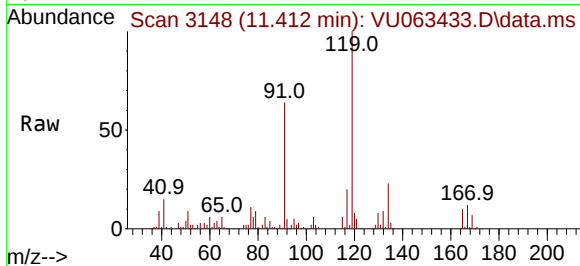




#77
tert-Butylbenzene
Concen: 2.214 ug/l
RT: 11.412 min Scan# 3148
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

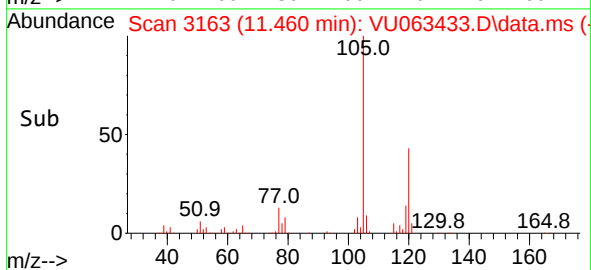
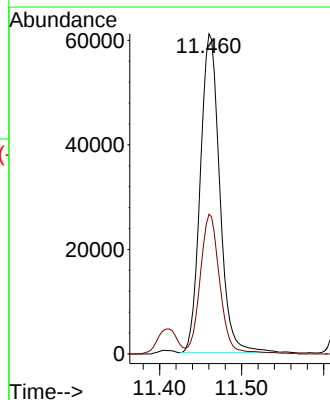
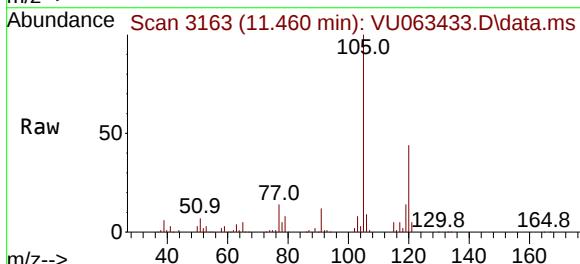
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

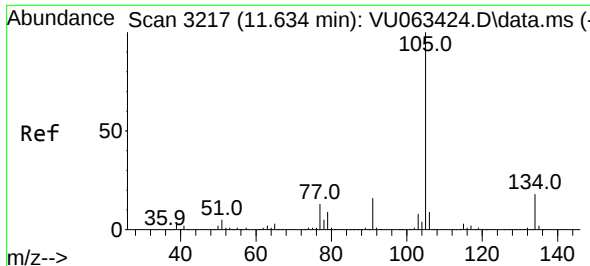
Tgt Ion:	119	Resp:	96811
Ion	Ratio	Lower	Upper
119	100		
91	62.0	30.9	92.7
134	22.4	17.9	26.9



#78
1,2,4-Trimethylbenzene
Concen: 2.086 ug/l
RT: 11.460 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:	105	Resp:	100260
Ion	Ratio	Lower	Upper
105	100		
120	44.4	22.1	66.5

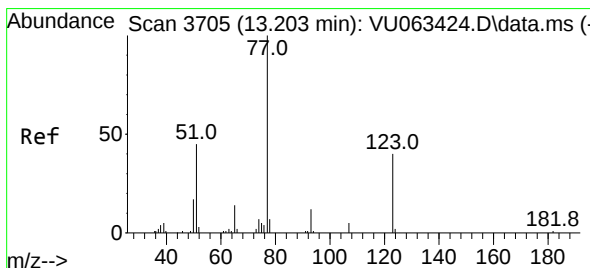
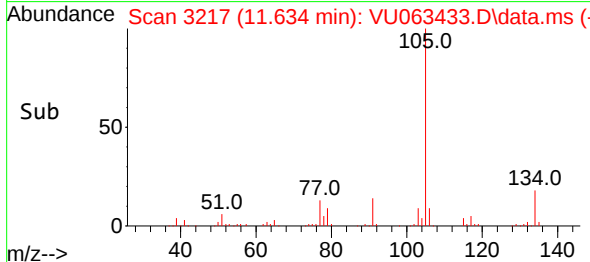
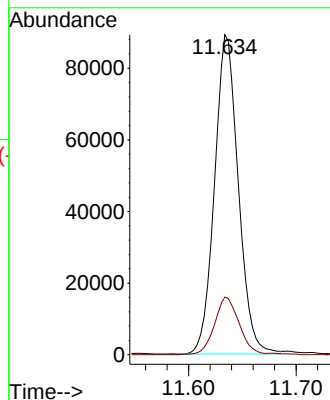
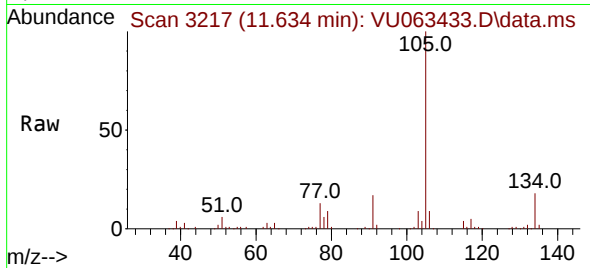




#79
sec-Butylbenzene
Concen: 2.213 ug/l
RT: 11.634 min Scan# 3217
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

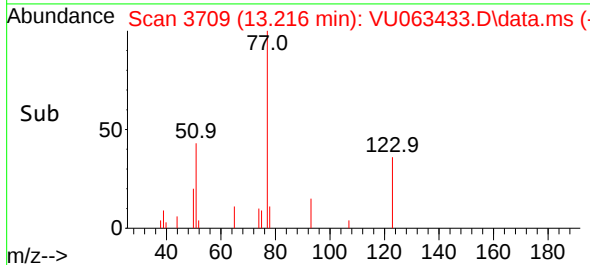
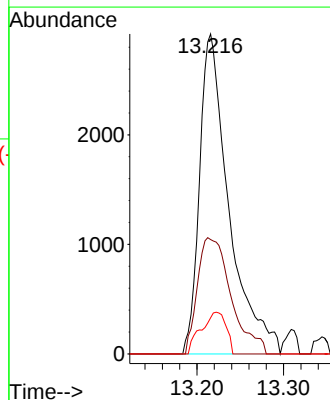
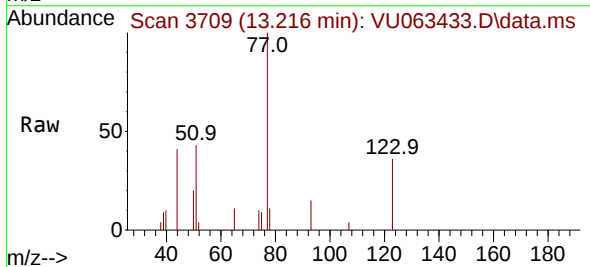
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

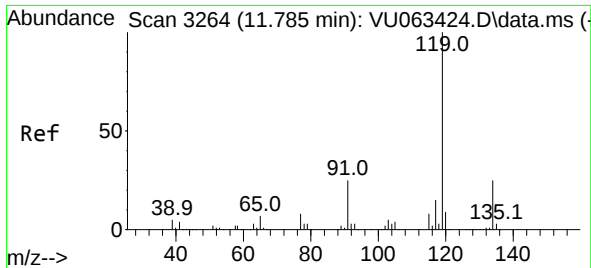
Tgt Ion:105 Resp: 137049
Ion Ratio Lower Upper
105 100
134 18.6 14.8 22.2



#80
Nitrobenzene
Concen: 11.764 ug/l
RT: 13.216 min Scan# 3709
Delta R.T. 0.013 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 77 Resp: 6874
Ion Ratio Lower Upper
77 100
123 41.6 19.6 69.6
65 11.1 10.6 13.4

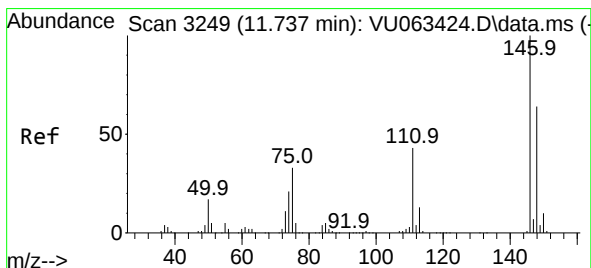
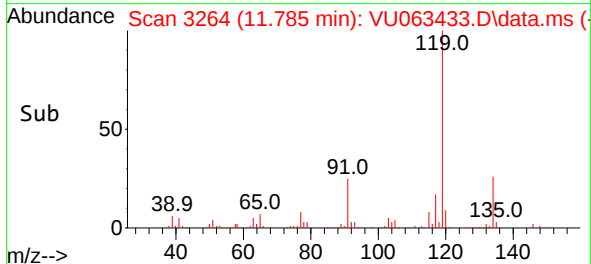
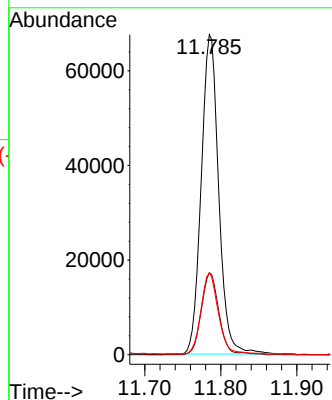
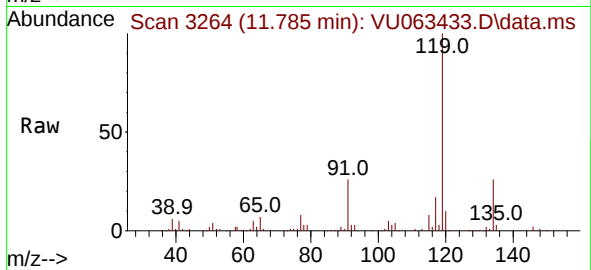




#81
p-Isopropyltoluene
Concen: 2.145 ug/l
RT: 11.785 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

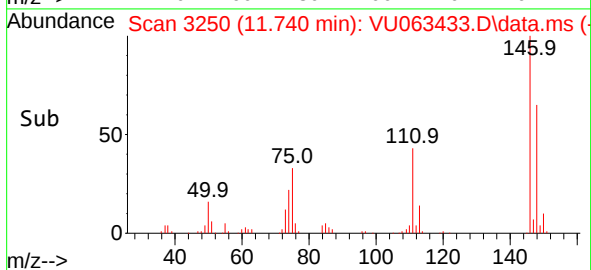
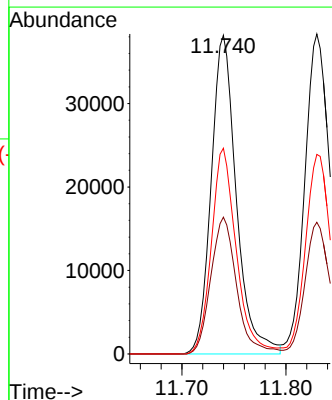
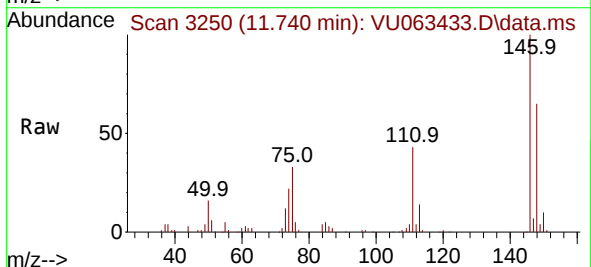
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

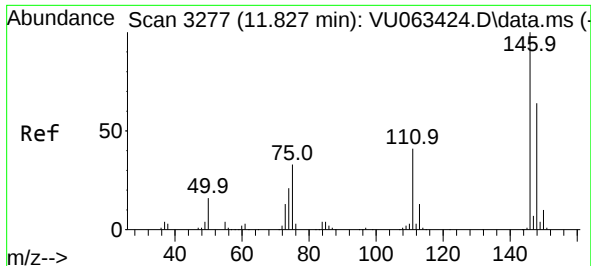
Tgt Ion:119 Resp: 107612
Ion Ratio Lower Upper
119 100
134 25.8 20.2 30.2
91 25.2 19.7 29.5



#82
1,3-Dichlorobenzene
Concen: 2.318 ug/l
RT: 11.740 min Scan# 3250
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:146 Resp: 64149
Ion Ratio Lower Upper
146 100
111 44.2 34.3 51.5
148 63.9 51.0 76.4

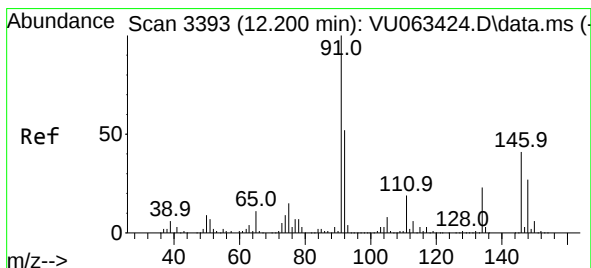
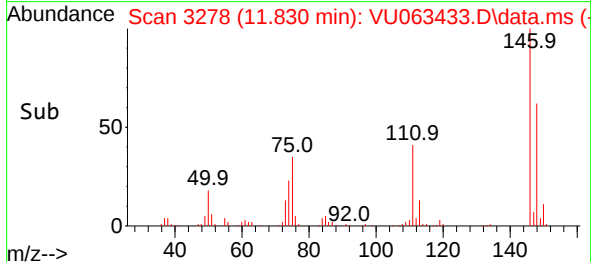
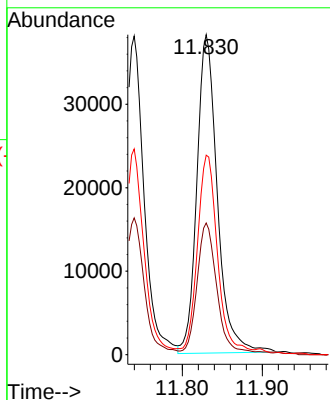
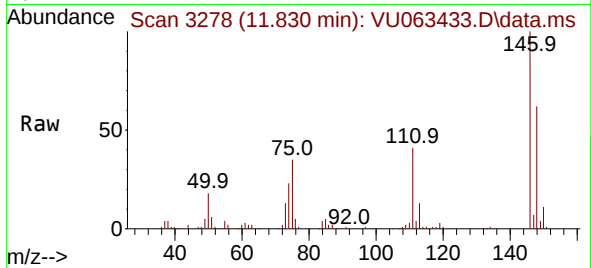




#83
1,4-Dichlorobenzene
Concen: 2.368 ug/l
RT: 11.830 min Scan# 3277
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

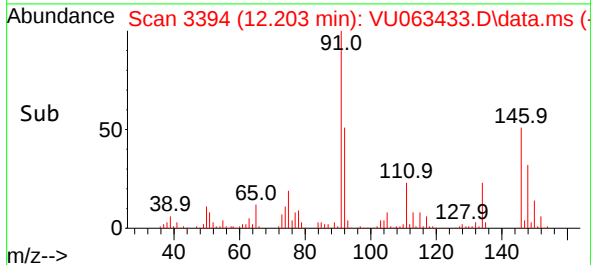
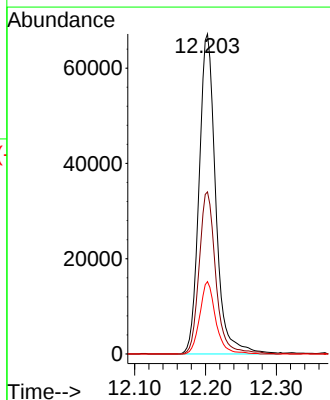
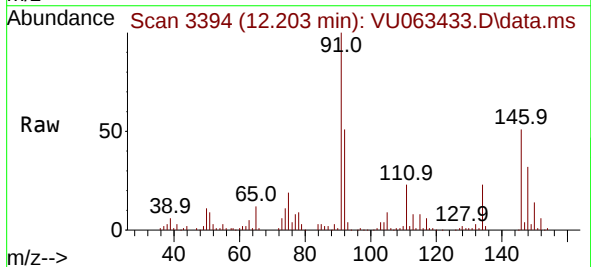
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

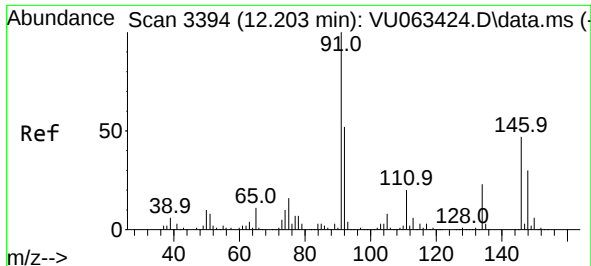
Tgt Ion:146 Resp: 68008
Ion Ratio Lower Upper
146 100
111 39.4 31.7 47.5
148 58.6 51.4 77.0



#84
n-Butylbenzene
Concen: 2.161 ug/l
RT: 12.203 min Scan# 3394
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion: 91 Resp: 109583
Ion Ratio Lower Upper
91 100
92 50.6 41.0 61.6
134 21.6 18.5 27.7

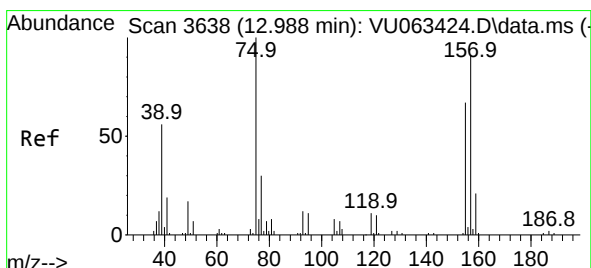
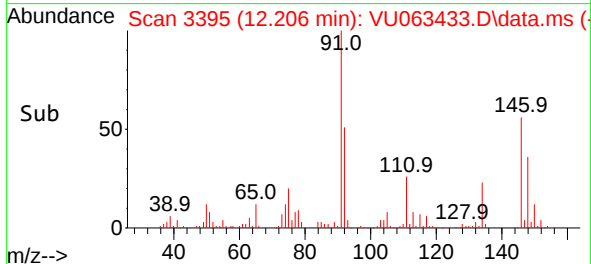
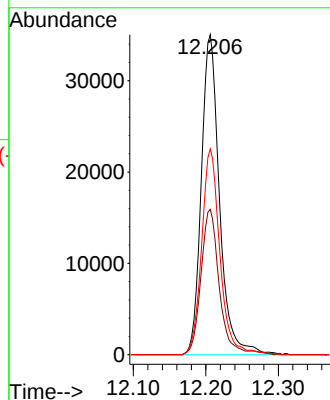
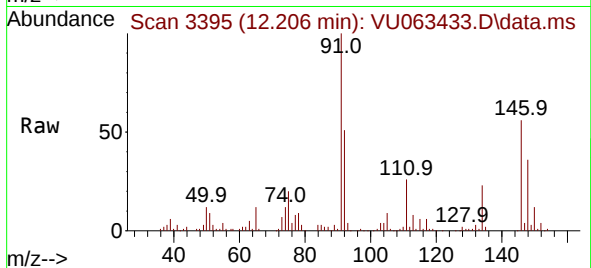




#85
 1,2-Dichlorobenzene
 Concen: 2.309 ug/l
 RT: 12.206 min Scan# 311
 Delta R.T. 0.003 min
 Lab File: VU063433.D
 Acq: 24 Jun 2025 12:16

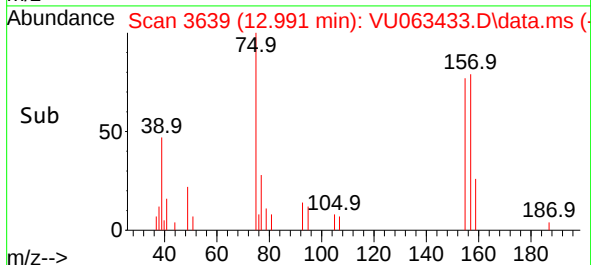
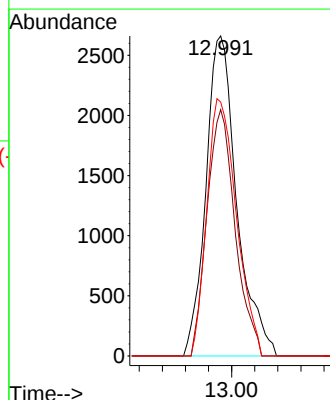
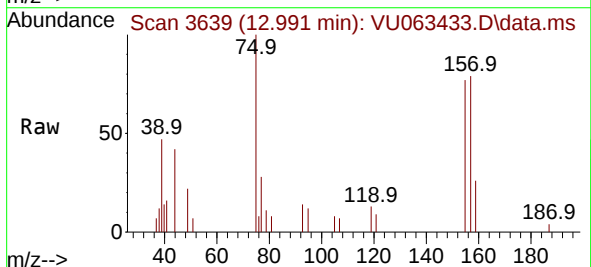
Instrument :
 MSVOA_U
 ClientSampleId :
 VU0624WBSD01

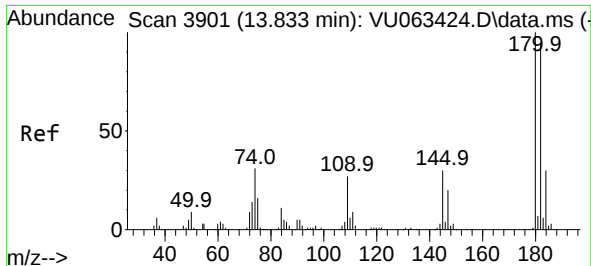
Tgt Ion:146 Resp: 61152
 Ion Ratio Lower Upper
 146 100
 111 45.8 21.8 65.4
 148 64.6 32.3 96.9



#86
 1,2-Dibromo-3-Chloropropane
 Concen: 2.600 ug/l
 RT: 12.991 min Scan# 3639
 Delta R.T. 0.003 min
 Lab File: VU063433.D
 Acq: 24 Jun 2025 12:16

Tgt Ion: 75 Resp: 4949
 Ion Ratio Lower Upper
 75 100
 155 69.9 59.7 89.5
 157 77.0 75.0 112.4

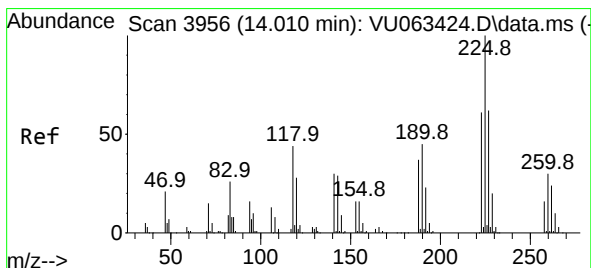
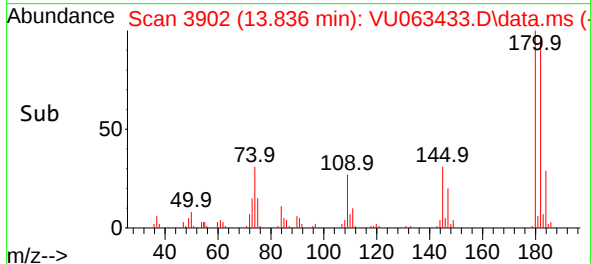
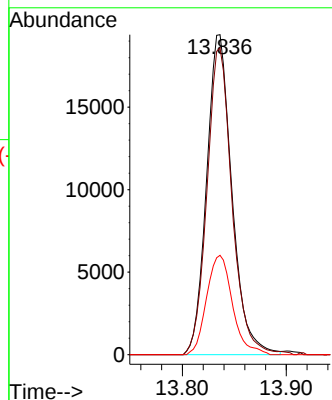
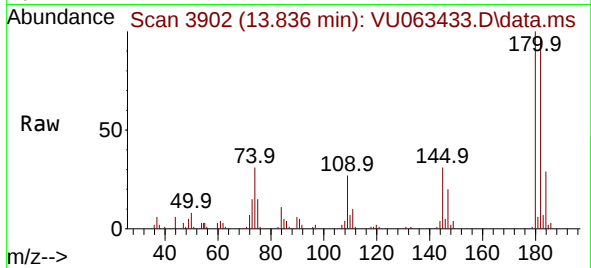




#87
1,2,4-Trichlorobenzene
Concen: 2.229 ug/l
RT: 13.836 min Scan# 3901
Delta R.T. 0.003 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

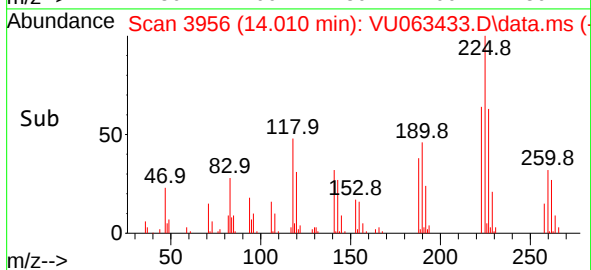
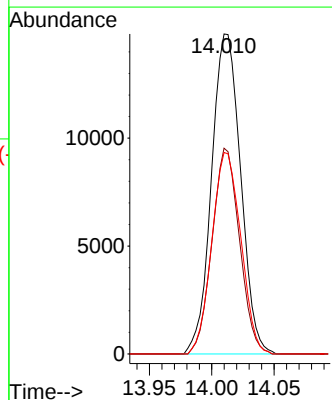
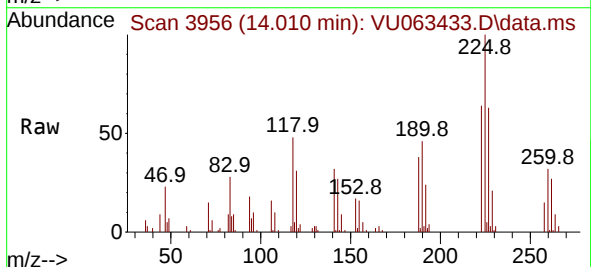
Instrument :
MSVOA_U
ClientSampleId :
VU0624WBSD01

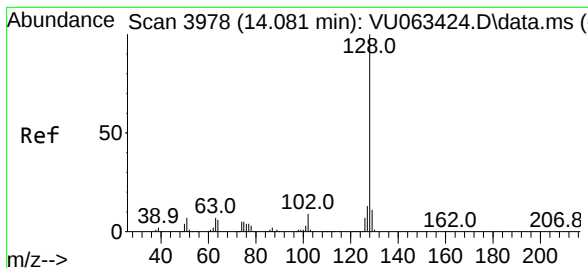
Tgt Ion:180 Resp: 32914
Ion Ratio Lower Upper
180 100
182 94.7 75.6 113.4
145 31.7 24.6 36.8



#88
Hexachlorobutadiene
Concen: 2.302 ug/l
RT: 14.010 min Scan# 3956
Delta R.T. -0.000 min
Lab File: VU063433.D
Acq: 24 Jun 2025 12:16

Tgt Ion:225 Resp: 24100
Ion Ratio Lower Upper
225 100
223 60.6 50.0 75.0
227 62.6 51.5 77.3





#89

Naphthalene

Concen: 2.403 ug/l

RT: 14.084 min Scan# 3978

Delta R.T. 0.003 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Instrument :

MSVOA_U

ClientSampleId :

VU0624WBSD01

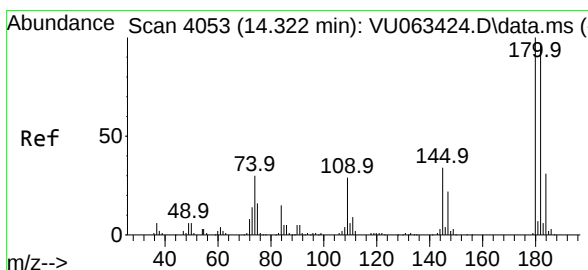
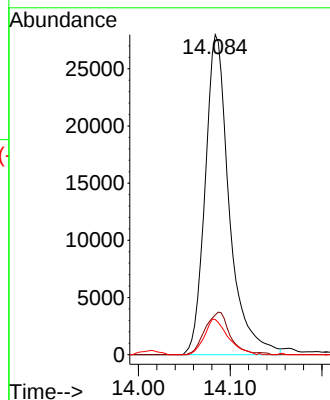
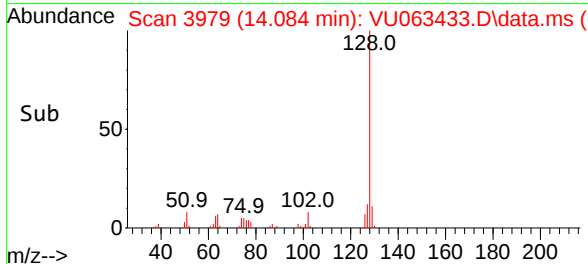
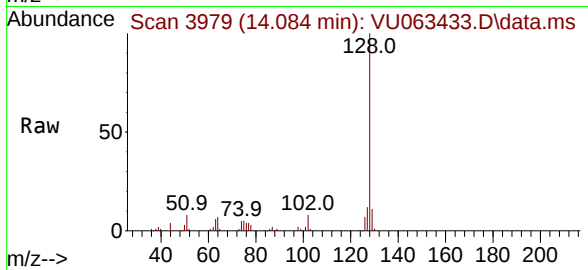
Tgt Ion:128 Resp: 51110

Ion Ratio Lower Upper

128 100

127 13.6 10.4 15.6

129 10.9 8.7 13.1



#90

1,2,3-Trichlorobenzene

Concen: 2.135 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063433.D

Acq: 24 Jun 2025 12:16

Tgt Ion:180 Resp: 31355

Ion Ratio Lower Upper

180 100

182 96.2 76.7 115.1

145 34.3 27.4 41.2

