

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021025\
 Data File : VU063228.D
 Acq On : 10 Feb 2025 19:14
 Operator : MD/SY
 Sample : VU0210WBSD01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 11 04:28:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U021025DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 11 04:17:17 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.106	96	55185	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.624	95	18777	1.032	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.183	152	19516	1.031	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.380	85	34876	1.945	ug/l	99
3) Chloromethane	1.518	50	41731	2.021	ug/l	98
4) Vinyl Chloride	1.599	62	41729	2.043	ug/l	97
5) Bromomethane	1.843	94	22791	2.412	ug/l	100
6) Chloroethane	1.923	64	24829	1.930	ug/l	99
7) Trichlorofluoromethane	2.129	101	48937	2.021	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.570	101	27153	1.976	ug/l	97
9) 1,1-Dichloroethene	2.566	96	28995	2.071	ug/l	100
10) Iodomethane	2.708	142	43561	1.979	ug/l	99
11) Allyl Chloride	2.910	41	40398	2.009	ug/l	99
12) Acrylonitrile	3.312	53	13495	4.179	ug/l	95
13) Acetone	2.618	43	27422	11.044	ug/l	98
14) Carbon Disulfide	2.782	76	96507	1.971	ug/l	99
15) Methylene Chloride	3.033	84	34787	2.011	ug/l	98
16) trans-1,2-Dichloroethene	3.341	96	32792	2.052	ug/l	97
17) 1,1-Dichloroethane	3.853	63	60039	1.993	ug/l	99
18) 2-Butanone	4.698	43	41166	10.417	ug/l	97
19) Cyclohexane	5.373	56	42616	1.761	ug/l	87
20) Methylcyclohexane	6.750	83	48024	2.001	ug/l	99
21) 2,2-Dichloropropane	4.650	77	45020	1.916	ug/l	99
22) cis-1,2-Dichloroethene	4.653	96	34817	2.017	ug/l	100
23) Diethyl Ether	2.367	59	25025	2.083	ug/l	99
24) tert-Butyl Alcohol	3.164	59	33756	22.462	ug/l	# 93
25) Methyl tert-Butyl Ether	3.351	73	72858	2.084	ug/l	98
26) Bromochloromethane	4.962	128	15554	2.061	ug/l	99
27) Chloroform	5.074	83	61956	2.038	ug/l	98
28) 1,1,1-Trichloroethane	5.303	97	49604	2.015	ug/l	99
29) 1,1-Dichloropropene	5.515	75	44890	2.036	ug/l	100
30) Carbon Tetrachloride	5.512	117	42452	2.010	ug/l	97
31) Isopropyl Ether	3.978	45	84339	1.961	ug/l	95
32) Ethyl-t-butyl ether	4.486	59	79945	2.044	ug/l	99
33) Tert-Amyl methyl ether	5.926	73	72350	2.118	ug/l	99
34) Propionitrile	4.772	54	11926	10.006	ug/l	# 83
35) Benzene	5.762	78	137142	2.023	ug/l	99
36) 1,2-Dichloroethane	5.782	62	40373	2.063	ug/l	99
37) Trichloroethene	6.534	130	32864	2.038	ug/l	95
38) 1,2-Dichloropropane	6.782	63	35813	2.018	ug/l	100
39) Methacrylonitrile	4.971	41	9429	2.123	ug/l	92
40) Methyl acrylate	4.853	55	14208	1.736	ug/l	# 92
41) Tetrahydrofuran	5.045	42	10851	4.200	ug/l	# 76
42) 1-Chlorobutane	5.444	56	59929	1.986	ug/l	98
43) Dibromomethane	6.910	93	18775	2.089	ug/l	95
44) Bromodichloromethane	7.094	83	42835	2.048	ug/l	98

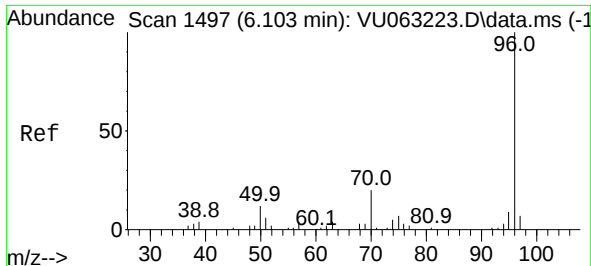
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021025\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.778	43	100787	10.697	ug/l	97
46) t-1,4-Dichloro-2-butene	10.814	75	40106	9.055	ug/l #	51
47) Methyl methacrylate	6.952	69	32813	4.335	ug/l	98
48) Ethyl methacrylate	8.325	69	30221	2.126	ug/l	99
49) Toluene	7.958	92	78939	2.024	ug/l	99
50) t-1,3-Dichloropropene	8.200	75	39892	2.083	ug/l	99
51) cis-1,3-Dichloropropene	7.598	75	47213	1.996	ug/l	100
52) 1,1,2-Trichloroethane	8.389	97	25086	2.070	ug/l	98
53) 1,3-Dichloropropane	8.563	76	45018	2.093	ug/l	98
54) 2-Hexanone	8.675	43	68031	10.581	ug/l	99
55) Dibromochloromethane	8.798	129	28767	2.064	ug/l	98
56) 1,2-Dibromoethane	8.913	107	24086	2.119	ug/l	99
58) Tetrachloroethene	8.544	164	26994	2.031	ug/l	96
59) Chlorobenzene	9.438	112	85410	2.076	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.524	131	30373	2.053	ug/l	97
61) Pentachloroethane	11.415	117	25206	1.908	ug/l	100
62) Hexachloroethane	12.463	117	22176	1.897	ug/l	98
63) Ethyl Benzene	9.560	91	140707	1.983	ug/l	99
64) m/p-Xylenes	9.685	106	104077	3.926	ug/l	97
65) o-Xylene	10.090	106	51939	2.001	ug/l	99
66) Styrene	10.106	104	82439	1.996	ug/l	99
67) Bromoform	10.280	173	16597	2.098	ug/l	95
69) Isopropylbenzene	10.473	105	123443	2.023	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.772	83	34525	2.114	ug/l	97
71) 1,2,3-Trichloropropane	10.814	75	40106	3.269	ug/l #	74
72) Bromobenzene	10.775	156	33519	2.039	ug/l	99
73) n-propylbenzene	10.894	120	34653	1.984	ug/l	97
74) 2-Chlorotoluene	10.974	126	32615	2.026	ug/l	100
75) 1,3,5-Trimethylbenzene	11.077	105	114031	2.017	ug/l	98
76) 4-Chlorotoluene	11.087	126	33473	2.028	ug/l	93
77) tert-Butylbenzene	11.409	119	113410	1.984	ug/l	100
78) 1,2,4-Trimethylbenzene	11.457	105	107972	1.925	ug/l	97
79) sec-Butylbenzene	11.634	105	144446	1.984	ug/l	100
80) Nitrobenzene	13.216	77	2792	9.168	ug/l #	94
81) p-Isopropyltoluene	11.785	119	111702	1.944	ug/l	99
82) 1,3-Dichlorobenzene	11.736	146	64164	2.012	ug/l	99
83) 1,4-Dichlorobenzene	11.826	146	63161	2.025	ug/l	98
84) n-Butylbenzene	12.199	91	100870	1.958	ug/l	98
85) 1,2-Dichlorobenzene	12.203	146	63667	2.078	ug/l	97
86) 1,2-Dibromo-3-Chloropr...	12.990	75	5190	2.264	ug/l	96
87) 1,2,4-Trichlorobenzene	13.833	180	31911	2.135	ug/l	96
88) Hexachlorobutadiene	14.010	225	20925	1.959	ug/l	99
89) Naphthalene	14.084	128	55294	2.312	ug/l	98
90) 1,2,3-Trichlorobenzene	14.322	180	31735	2.170	ug/l	99

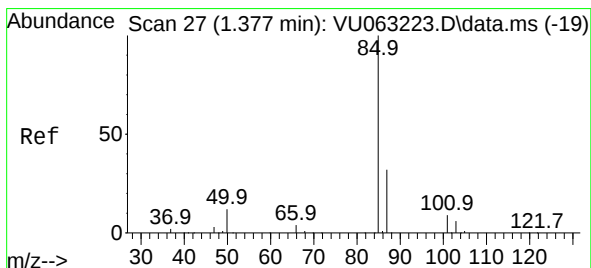
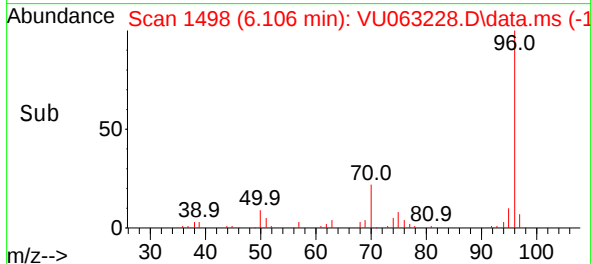
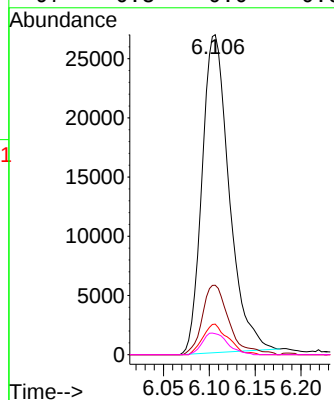
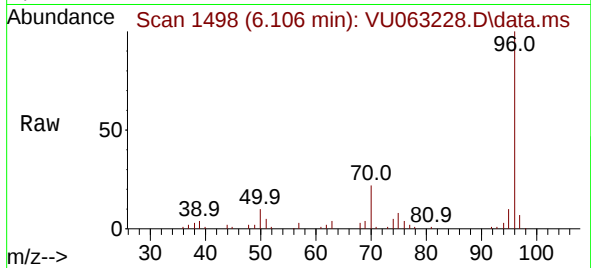
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Fluorobenzene
Concen: 1.000 ug/l
RT: 6.106 min Scan# 14
Delta R.T. 0.003 min
Lab File: VU063228.D
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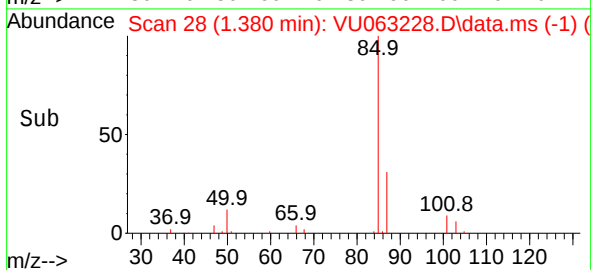
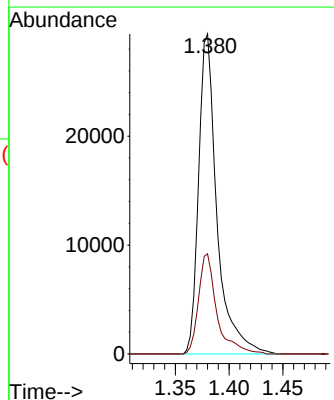
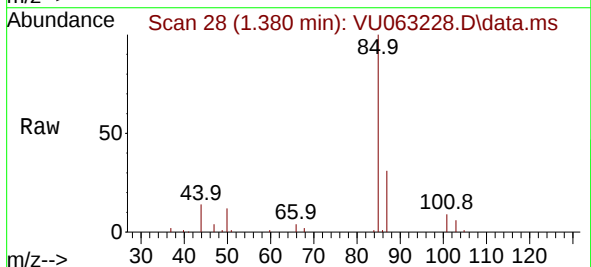
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MSVOA_U
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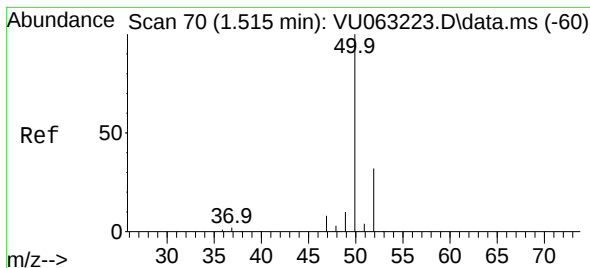
Tgt Ion: 96	Resp: 55185
Ion Ratio	Lower Upper
96 100	
70 21.5	15.6 23.4
95 8.9	7.3 10.9
97 6.3	0.0 0.0#



#2
Dichlorodifluoromethane
Concen: 1.945 ug/l
RT: 1.380 min Scan# 28
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Tgt Ion: 85	Resp: 34876
Ion Ratio	Lower Upper
85 100	
87 31.3	16.0 48.0





#3

Chloromethane

Concen: 2.021 ug/l

RT: 1.518 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

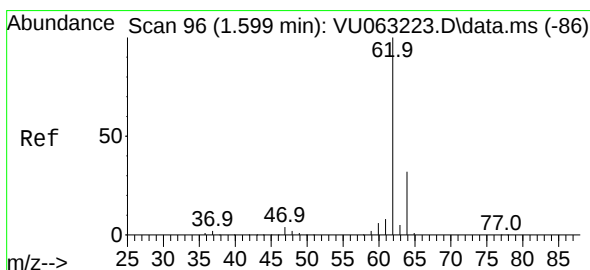
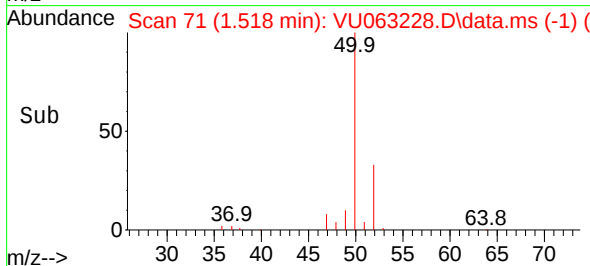
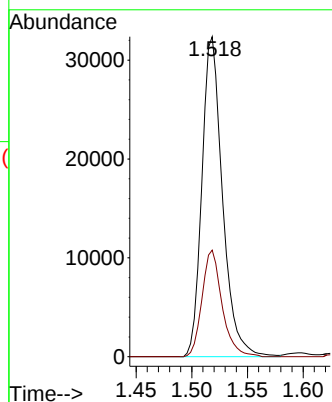
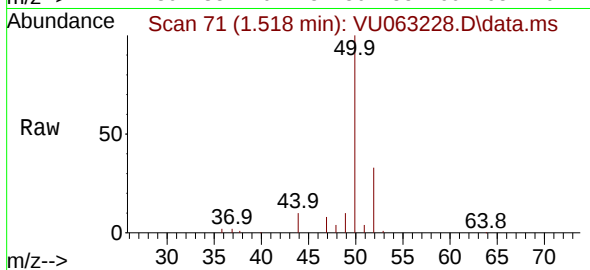
ClientSampleId :

Tgt Ion: 50 Resp: 41731

Ion Ratio Lower Upper

50 100

52 33.3 25.8 38.8



#4

Vinyl Chloride

Concen: 2.043 ug/l

RT: 1.599 min Scan# 96

Delta R.T. -0.000 min

Lab File: VU063228.D

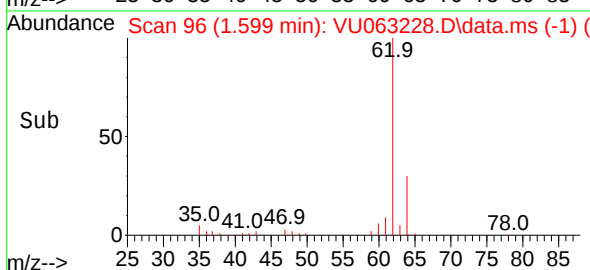
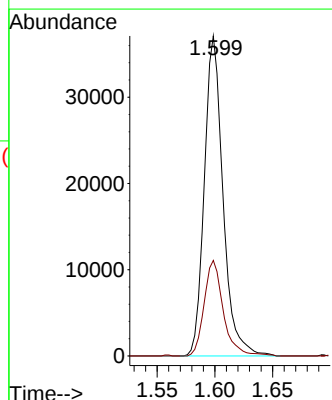
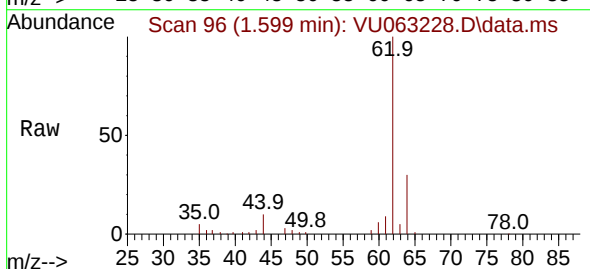
Acq: 10 Feb 2025 19:14

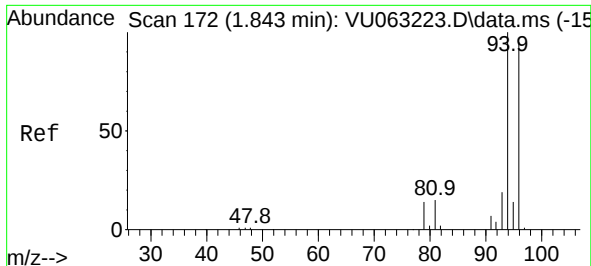
Tgt Ion: 62 Resp: 41729

Ion Ratio Lower Upper

62 100

64 29.9 25.4 38.0

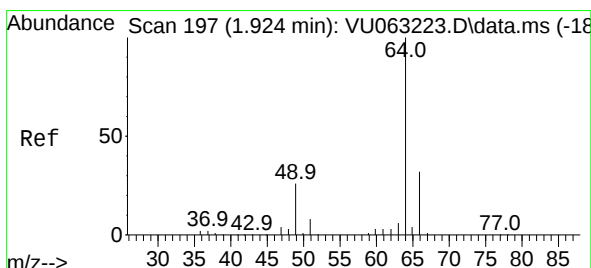
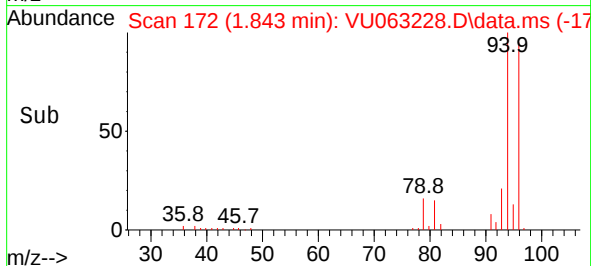
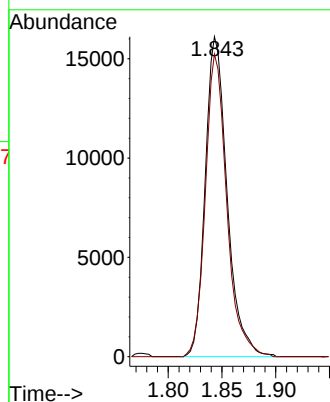
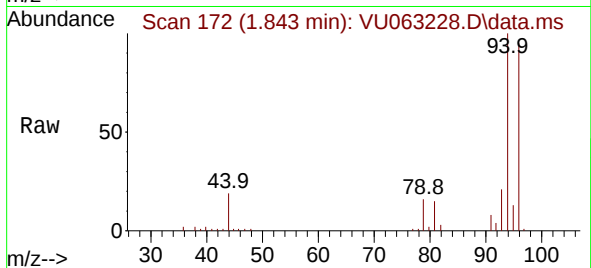




#5
Bromomethane
Concen: 2.412 ug/l
RT: 1.843 min Scan# 172
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

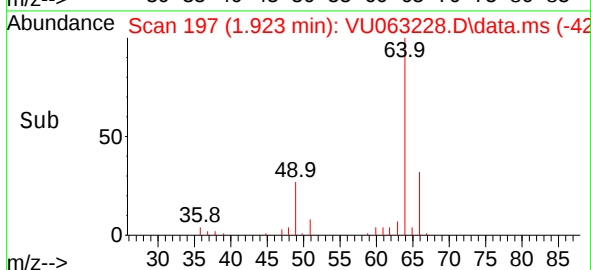
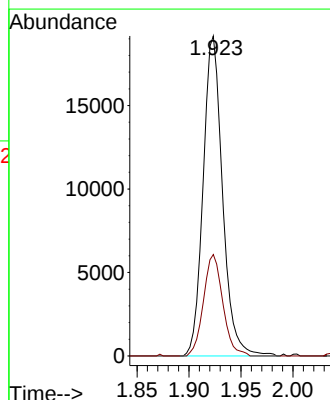
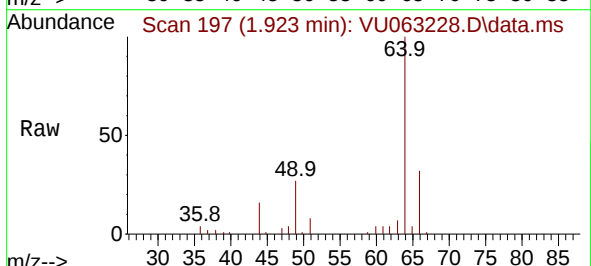
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MSVOA_U
ClientSampleId :

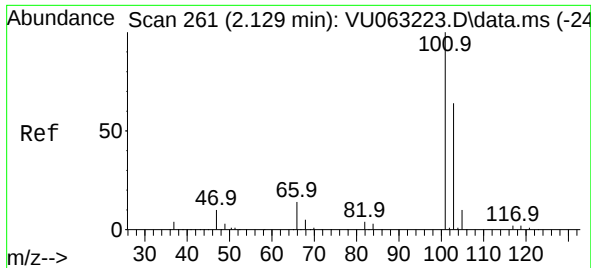
Tgt Ion: 94 Resp: 22791
Ion Ratio Lower Upper
94 100
96 94.5 75.7 113.5



#6
Chloroethane
Concen: 1.930 ug/l
RT: 1.923 min Scan# 197
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

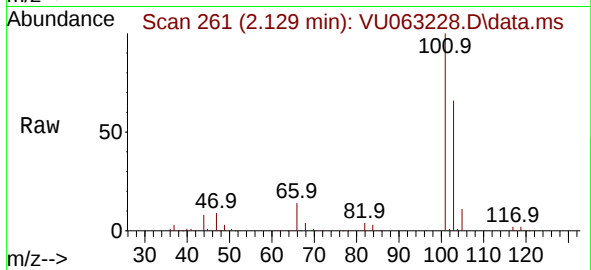
Tgt Ion: 64 Resp: 24829
Ion Ratio Lower Upper
64 100
66 31.7 25.8 38.8



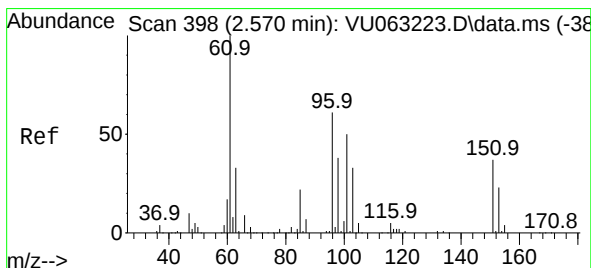
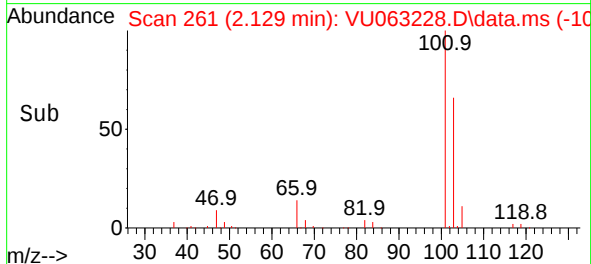
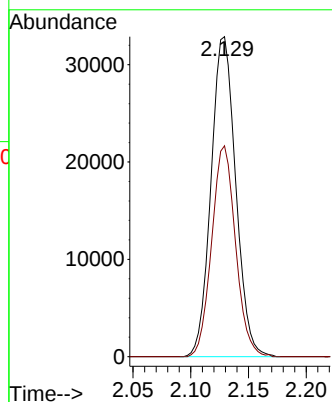


#7
 Trichlorofluoromethane
 Concen: 2.021 ug/l
 RT: 2.129 min Scan# 210
 Delta R.T. -0.000 min
 Lab File: VU063228.D
 Acq: 10 Feb 2025 19:14

Instrument :
 MSVOA_U
 ClientSampleId :

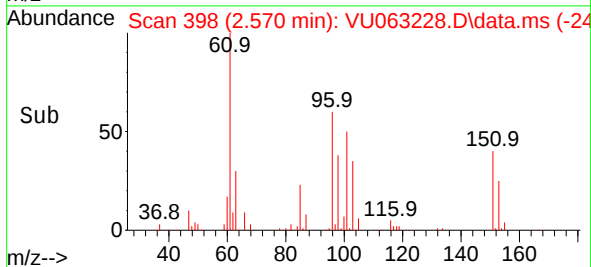
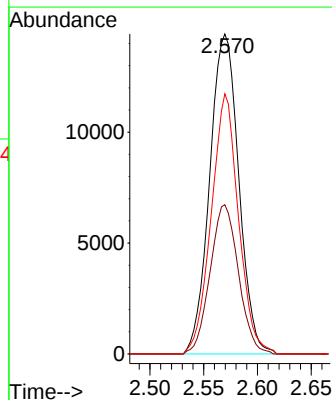
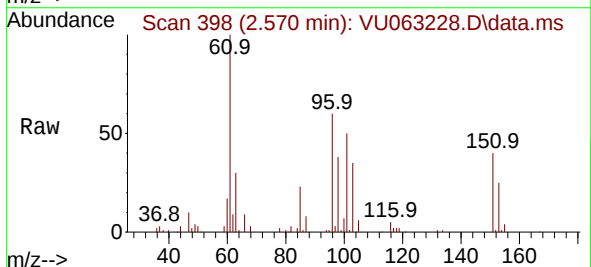


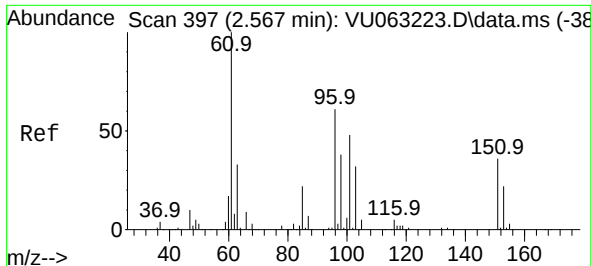
Tgt Ion:101 Resp: 48937
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.4 77.2



#8
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 1.976 ug/l
 RT: 2.570 min Scan# 398
 Delta R.T. -0.000 min
 Lab File: VU063228.D
 Acq: 10 Feb 2025 19:14

Tgt Ion:101 Resp: 27153
 Ion Ratio Lower Upper
 101 100
 85 45.4 35.4 53.0
 151 76.1 58.5 87.7

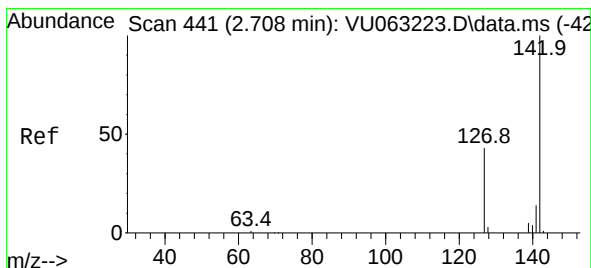
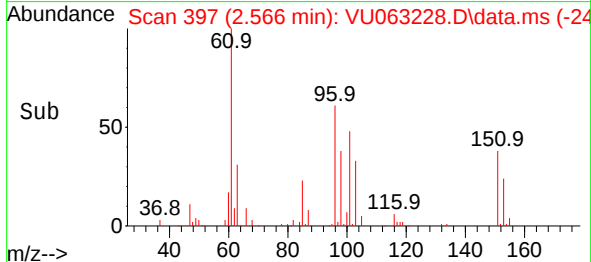
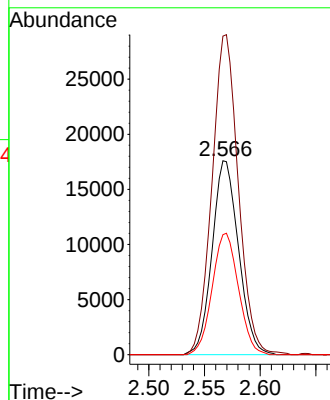
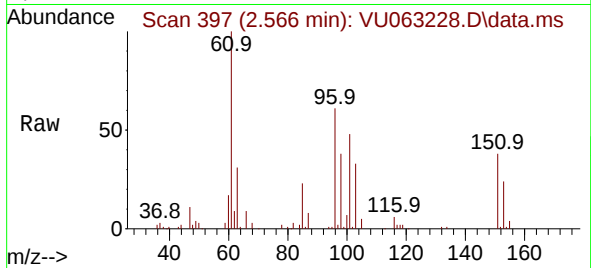




#9
1,1-Dichloroethene
Concen: 2.071 ug/l
RT: 2.566 min Scan# 397
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

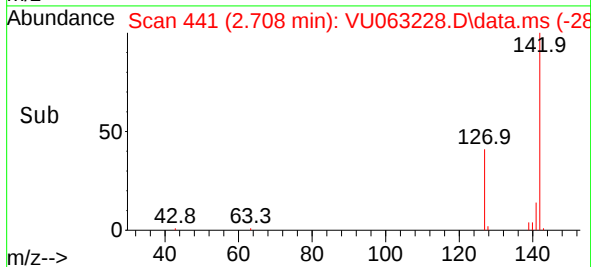
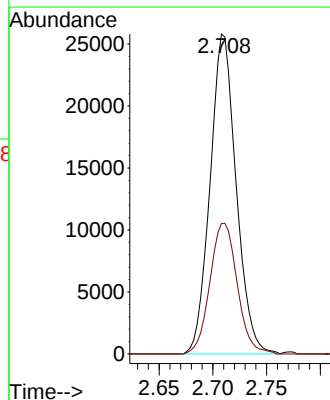
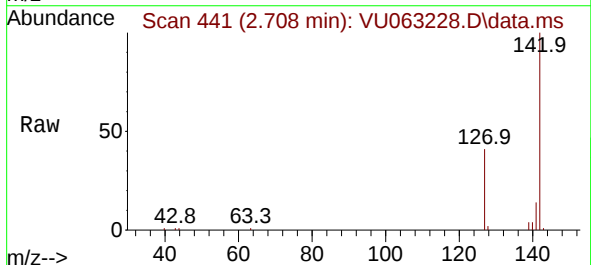
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MSVOA_U
ClientSampleId :

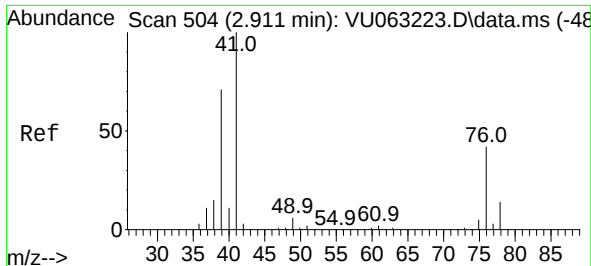
Tgt Ion: 96 Resp: 28995
Ion Ratio Lower Upper
96 100
61 164.3 0.0 492.9
98 61.9 0.0 124.0



#10
Iodomethane
Concen: 1.979 ug/l
RT: 2.708 min Scan# 441
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Tgt Ion: 142 Resp: 43561
Ion Ratio Lower Upper
142 100
127 42.7 34.5 51.7





#11

Allyl Chloride

Concen: 2.009 ug/l

RT: 2.910 min Scan# 504

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

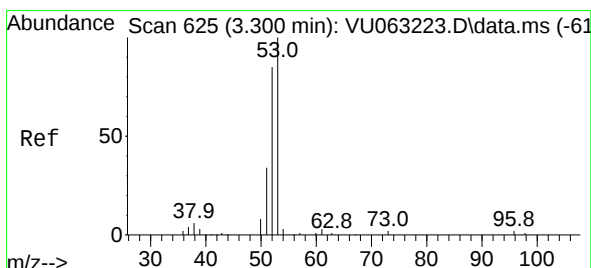
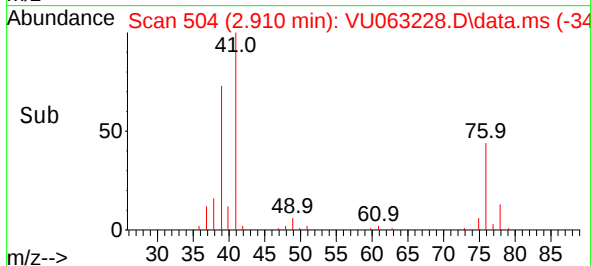
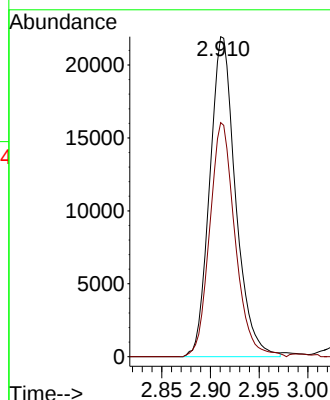
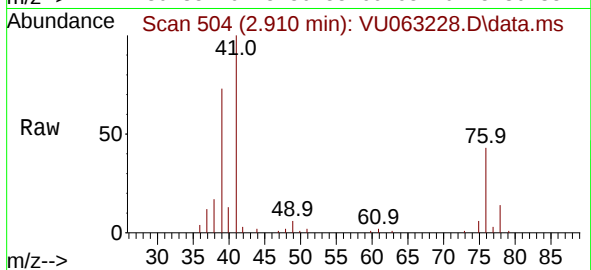
ClientSampleId :

Tgt Ion: 41 Resp: 40398

Ion Ratio Lower Upper

41 100

39 71.8 57.9 86.9



#12

Acrylonitrile

Concen: 4.179 ug/l

RT: 3.312 min Scan# 629

Delta R.T. 0.013 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

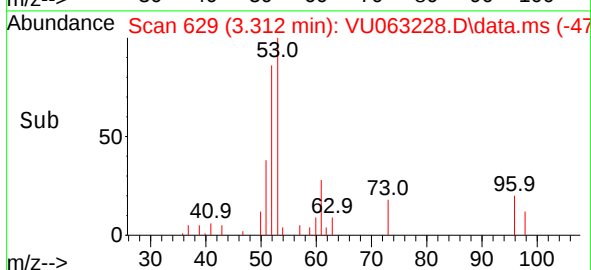
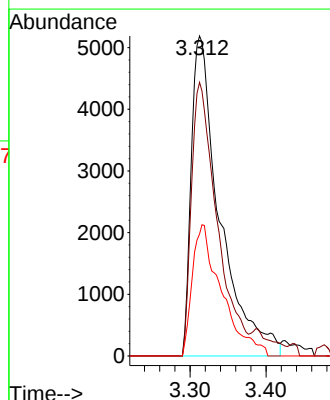
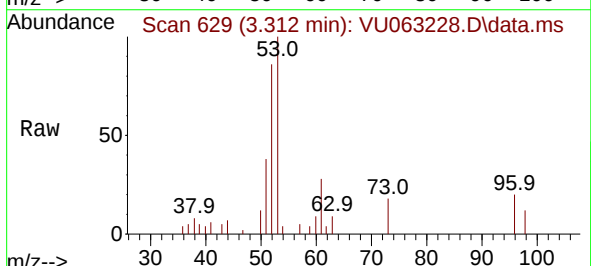
Tgt Ion: 53 Resp: 13495

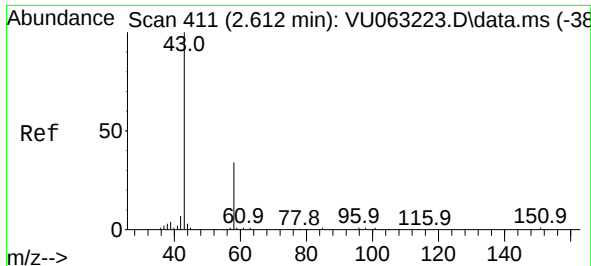
Ion Ratio Lower Upper

53 100

52 76.7 64.2 96.2

51 42.1 30.8 46.2





#13

Acetone

Concen: 11.044 ug/l

RT: 2.618 min Scan# 411

Delta R.T. 0.006 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

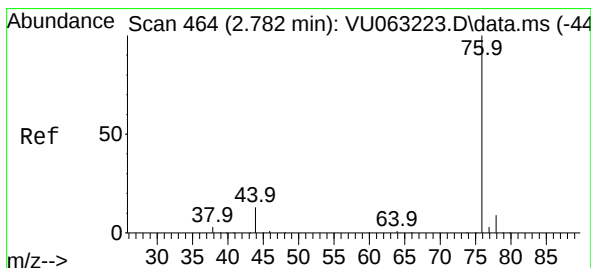
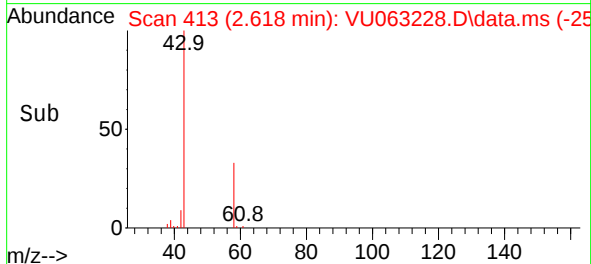
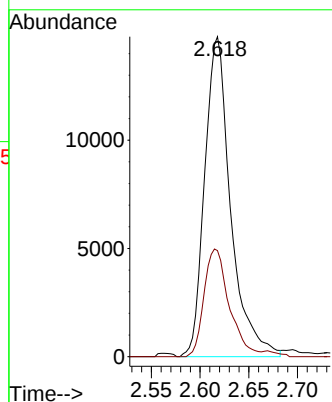
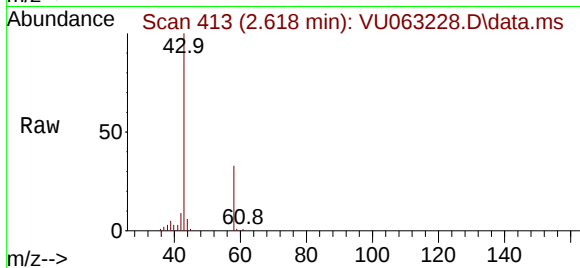
ClientSampleId :

Tgt Ion: 43 Resp: 27422

Ion Ratio Lower Upper

43 100

58 33.2 27.4 41.0



#14

Carbon Disulfide

Concen: 1.971 ug/l

RT: 2.782 min Scan# 464

Delta R.T. -0.000 min

Lab File: VU063228.D

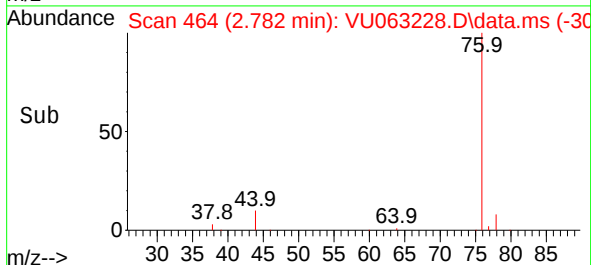
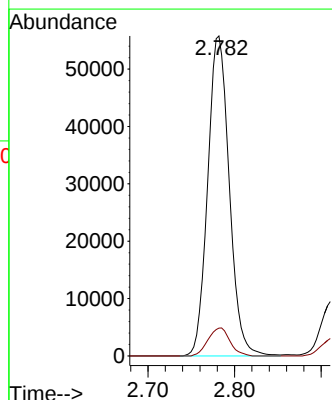
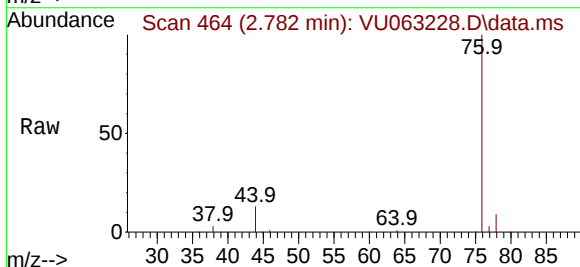
Acq: 10 Feb 2025 19:14

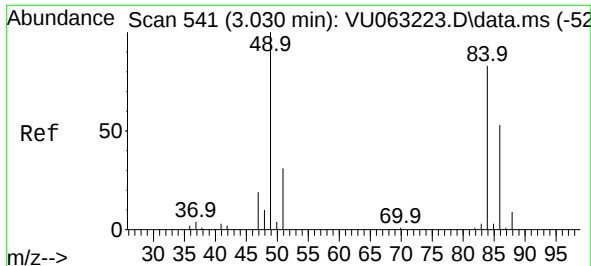
Tgt Ion: 76 Resp: 96507

Ion Ratio Lower Upper

76 100

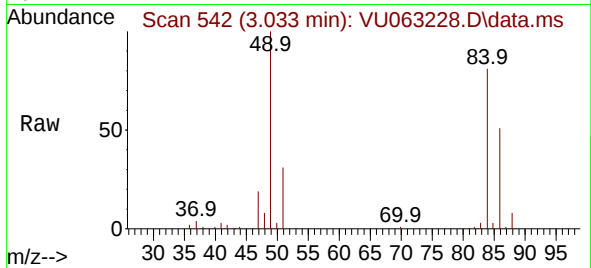
78 8.7 7.2 10.8



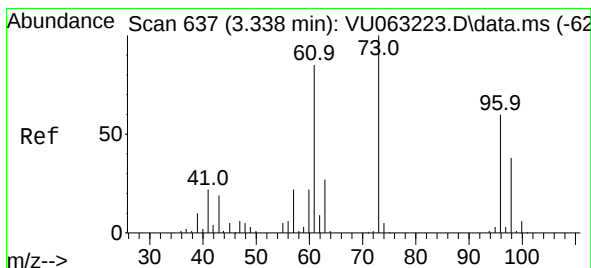
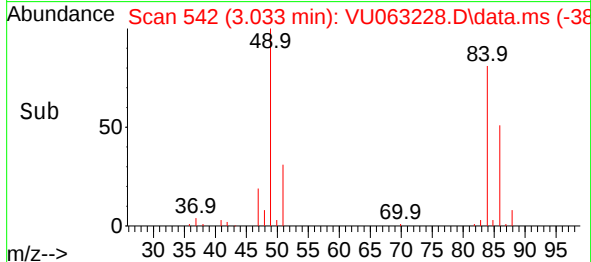
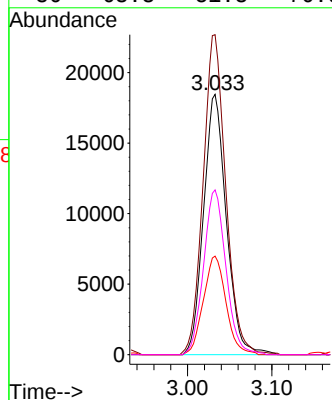


#15
Methylene Chloride
Concen: 2.011 ug/l
RT: 3.033 min Scan# 541
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Instrument :
MSVOA_U
ClientSampleId :

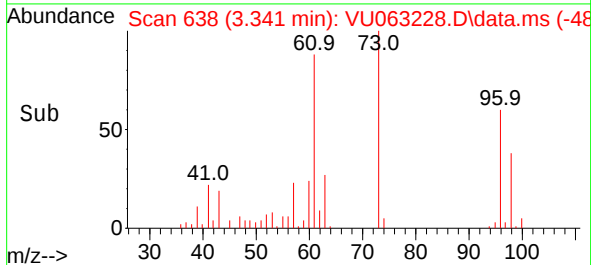
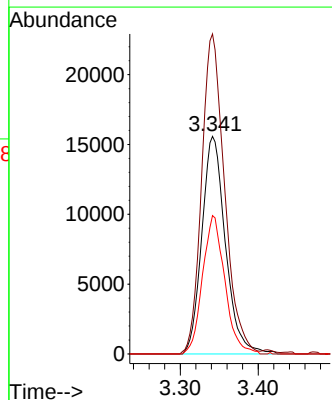
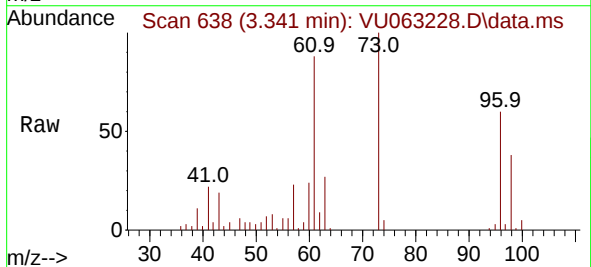


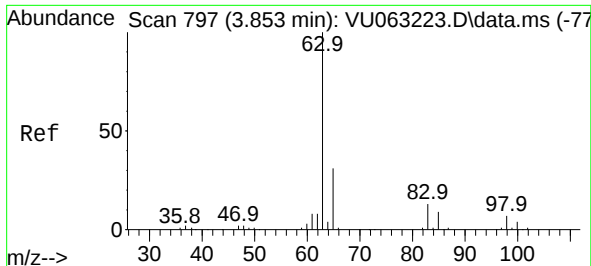
Tgt Ion: 84 Resp: 34787
Ion Ratio Lower Upper
84 100
49 122.9 96.4 144.6
51 37.8 0.0 74.8
86 63.3 51.3 76.9



#16
trans-1,2-Dichloroethene
Concen: 2.052 ug/l
RT: 3.341 min Scan# 638
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Tgt Ion: 96 Resp: 32792
Ion Ratio Lower Upper
96 100
61 147.0 113.4 170.2
98 63.6 51.2 76.8

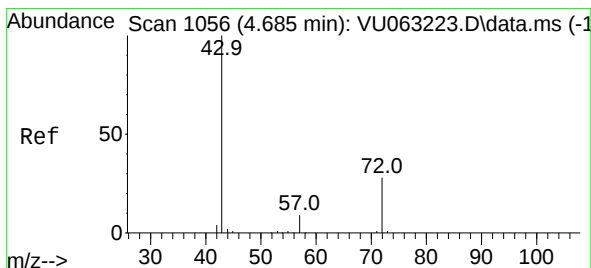
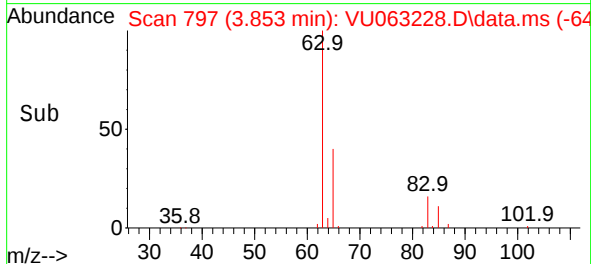
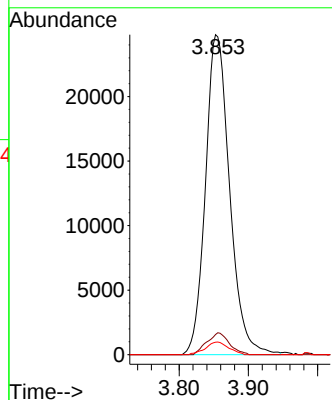
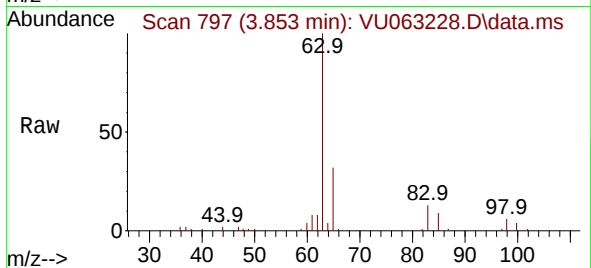




#17
1,1-Dichloroethane
Concen: 1.993 ug/l
RT: 3.853 min Scan# 797
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

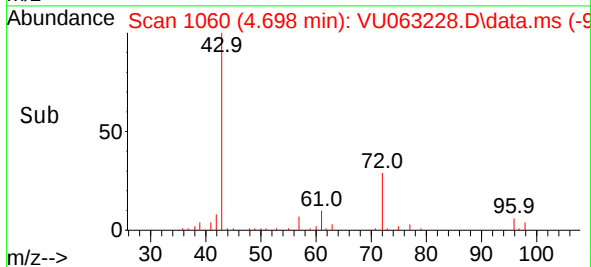
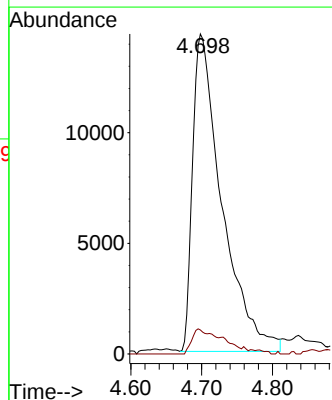
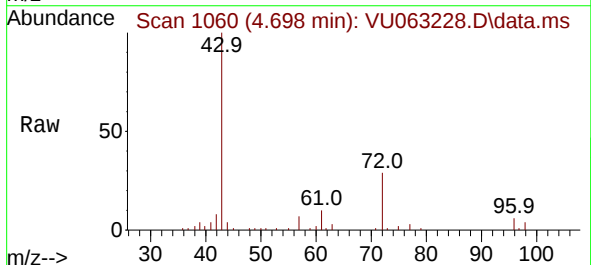
Instrument :
MSVOA_U
ClientSampleId :

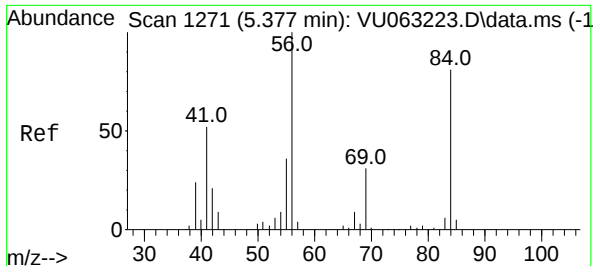
Tgt Ion:	63	Resp:	60039
Ion Ratio	Lower	Upper	
63	100		
98	6.3	3.3	9.9
100	3.9	2.1	6.2



#18
2-Butanone
Concen: 10.417 ug/l
RT: 4.698 min Scan# 1060
Delta R.T. 0.013 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Tgt Ion:	43	Resp:	41166
Ion Ratio	Lower	Upper	
43	100		
57	7.5	0.0	17.0





#19

Cyclohexane

Concen: 1.761 ug/l

RT: 5.373 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

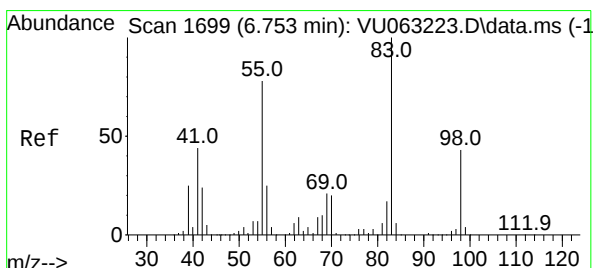
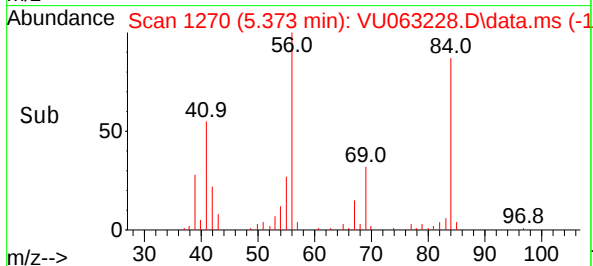
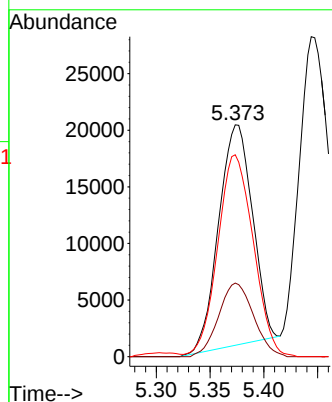
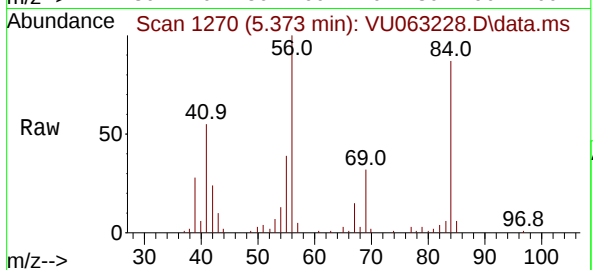
Tgt Ion: 56 Resp: 42616

Ion Ratio Lower Upper

56 100

69 34.4 24.5 36.7

84 94.9 65.2 97.8



#20

Methylcyclohexane

Concen: 2.001 ug/l

RT: 6.750 min Scan# 1698

Delta R.T. -0.003 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

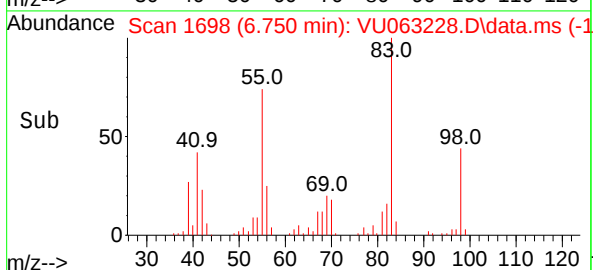
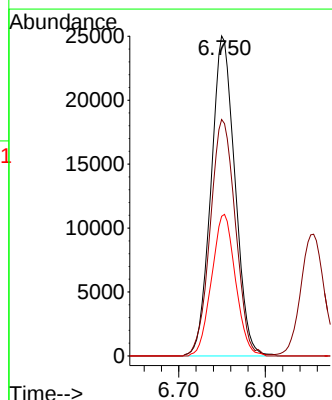
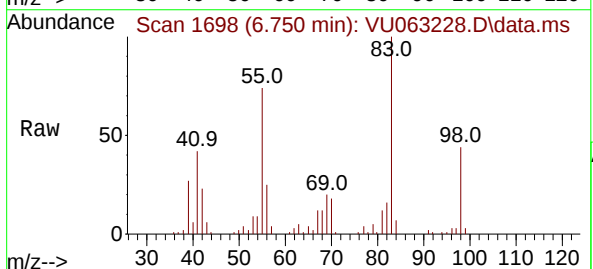
Tgt Ion: 83 Resp: 48024

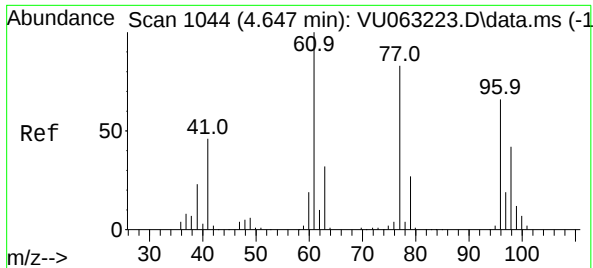
Ion Ratio Lower Upper

83 100

55 77.1 63.1 94.7

98 44.2 35.2 52.8

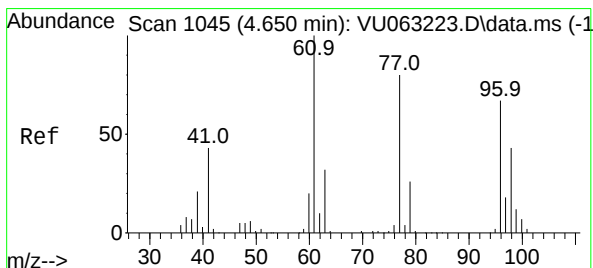
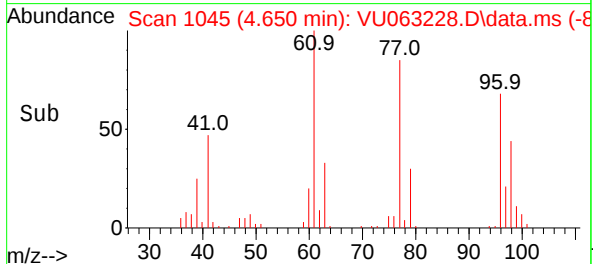
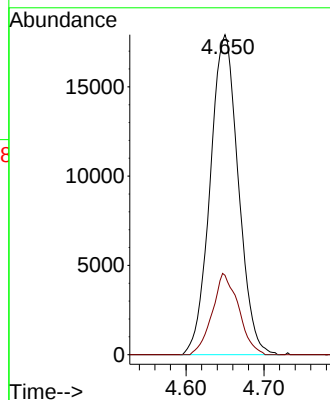
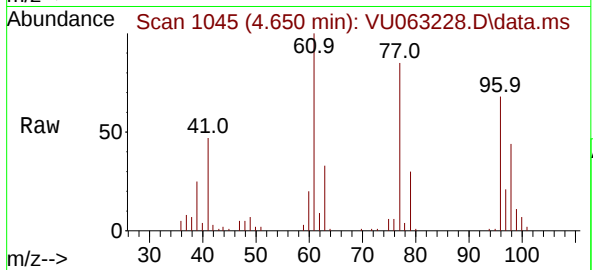




#21
2,2-Dichloropropane
Concen: 1.916 ug/l
RT: 4.650 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

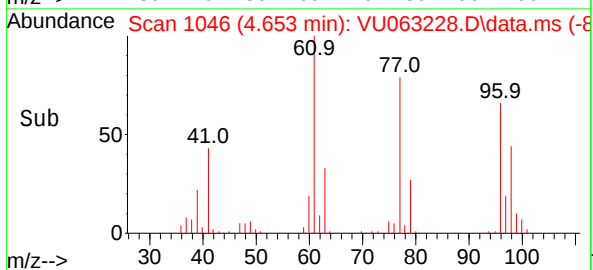
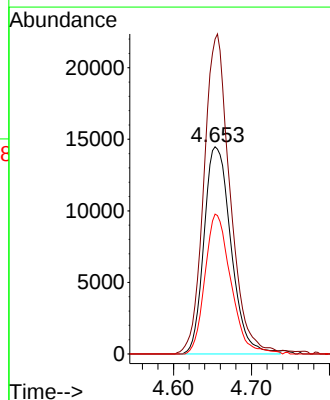
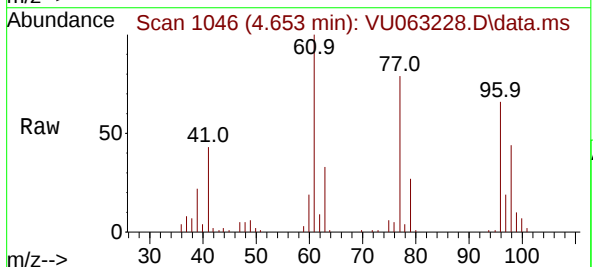
Instrument :
MSVOA_U
ClientSampleId :

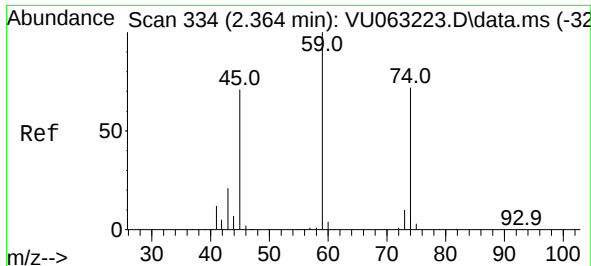
Tgt Ion: 77 Resp: 45020
Ion Ratio Lower Upper
77 100
97 23.7 18.5 27.7



#22
cis-1,2-Dichloroethene
Concen: 2.017 ug/l
RT: 4.653 min Scan# 1046
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Tgt Ion: 96 Resp: 34817
Ion Ratio Lower Upper
96 100
61 149.5 0.0 373.3
98 64.8 31.9 95.9

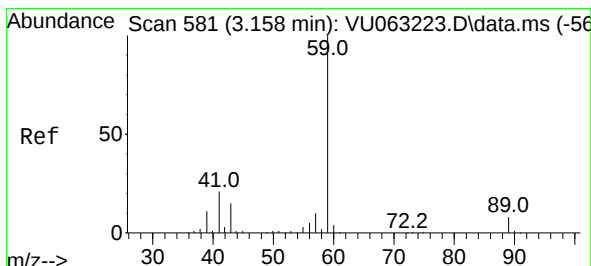
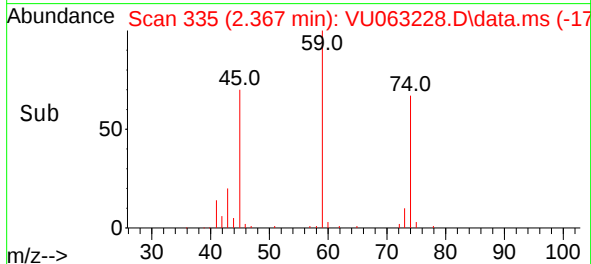
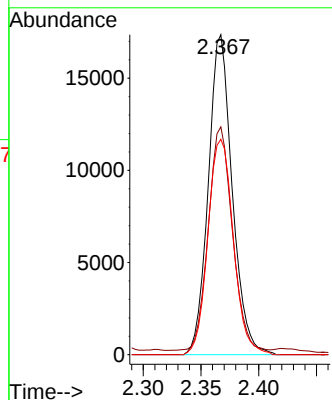
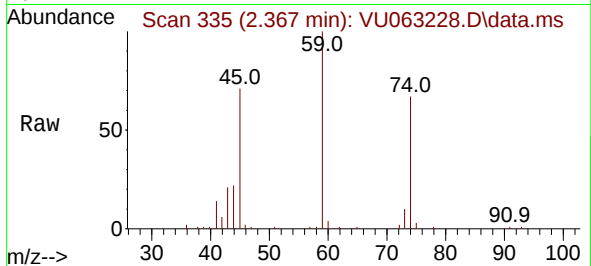




#23
Diethyl Ether
Concen: 2.083 ug/l
RT: 2.367 min Scan# 341
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

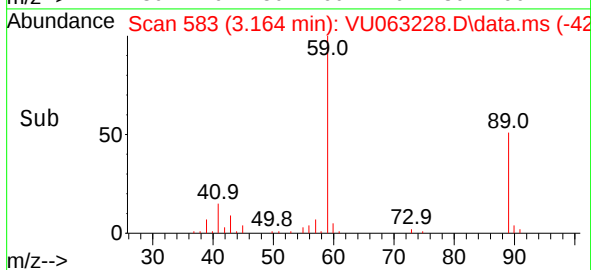
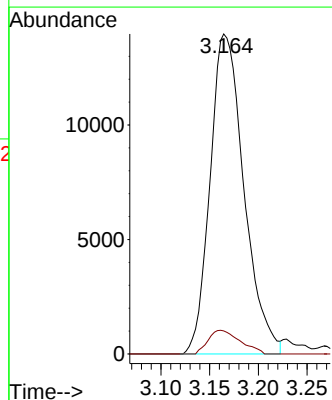
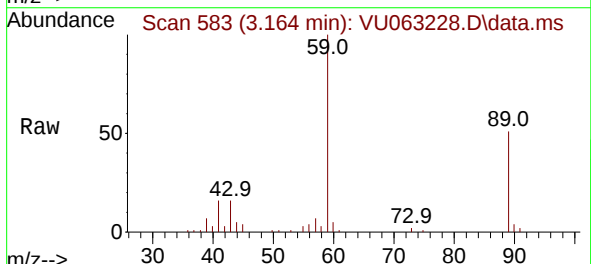
Instrument :
MSVOA_U
ClientSampleId :

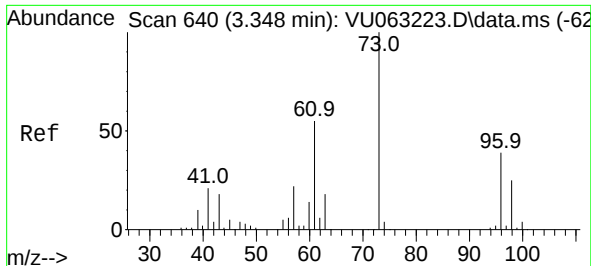
Tgt Ion: 59 Resp: 25025
Ion Ratio Lower Upper
59 100
45 70.6 57.8 86.6
74 71.5 57.7 86.5



#24
tert-Butyl Alcohol
Concen: 22.462 ug/l
RT: 3.164 min Scan# 583
Delta R.T. 0.006 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Tgt Ion: 59 Resp: 33756
Ion Ratio Lower Upper
59 100
57 7.0 7.5 11.3#





#25

Methyl tert-Butyl Ether

Concen: 2.084 ug/l

RT: 3.351 min Scan# 641

Delta R.T. 0.003 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

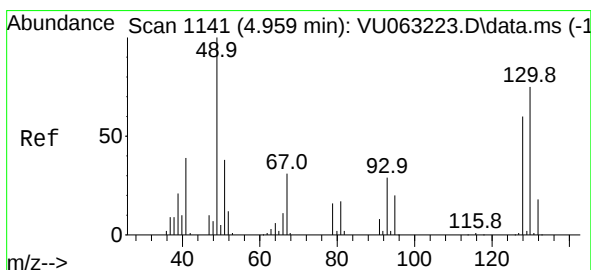
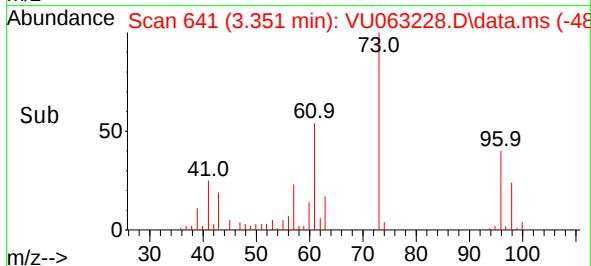
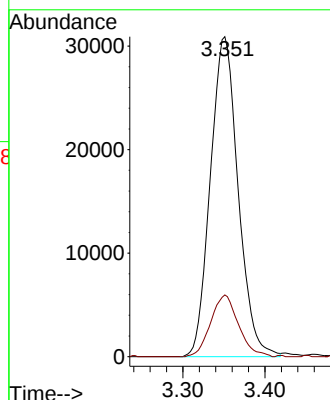
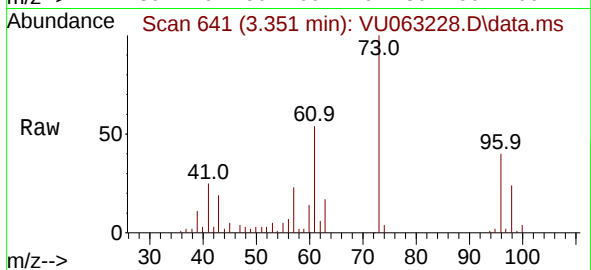
ClientSampleId :

Tgt Ion: 73 Resp: 72858

Ion Ratio Lower Upper

73 100

43 19.3 14.9 22.3



#26

Bromochloromethane

Concen: 2.061 ug/l

RT: 4.962 min Scan# 1142

Delta R.T. 0.003 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

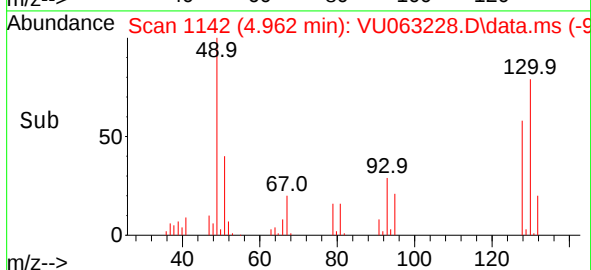
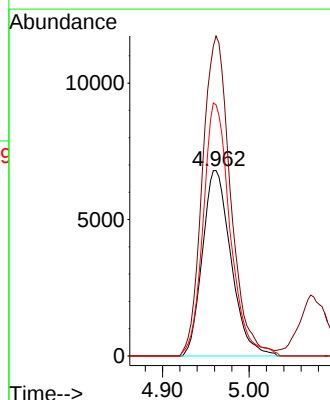
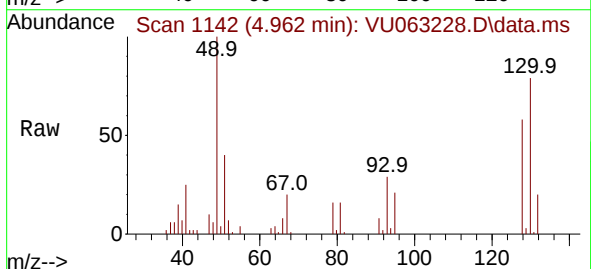
Tgt Ion:128 Resp: 15554

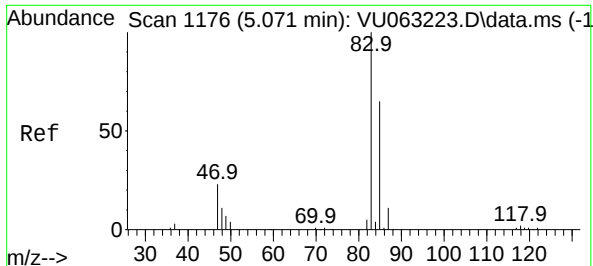
Ion Ratio Lower Upper

128 100

49 169.9 0.0 343.4

130 128.9 102.9 154.3





#27

Chloroform

Concen: 2.038 ug/l

RT: 5.074 min Scan# 1176

Delta R.T. 0.003 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

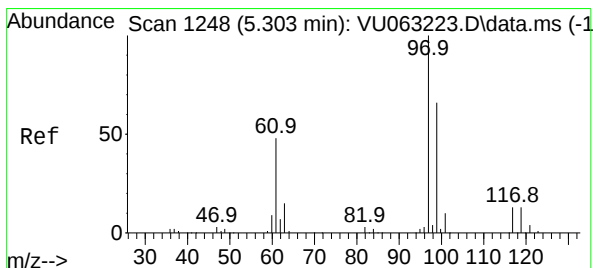
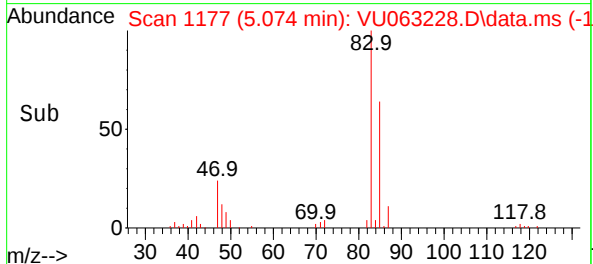
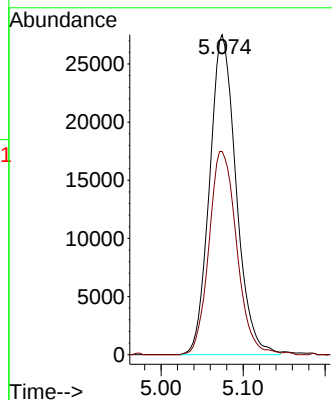
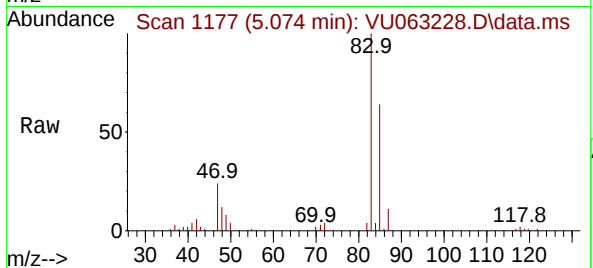
ClientSampleId :

Tgt Ion: 83 Resp: 61956

Ion Ratio Lower Upper

83 100

85 63.5 0.0 129.8



#28

1,1,1-Trichloroethane

Concen: 2.015 ug/l

RT: 5.303 min Scan# 1248

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

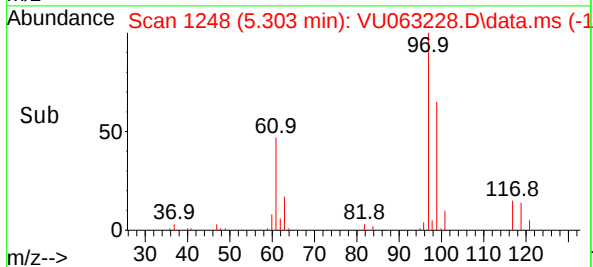
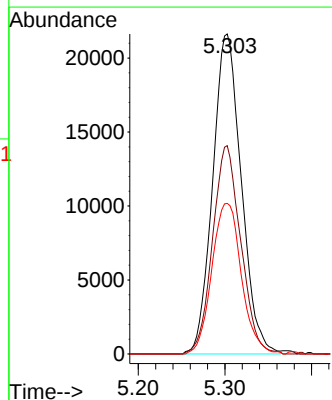
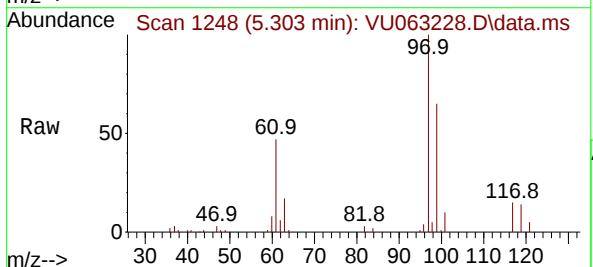
Tgt Ion: 97 Resp: 49604

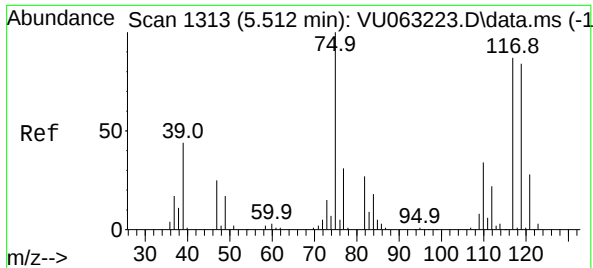
Ion Ratio Lower Upper

97 100

99 64.0 32.4 97.0

61 48.7 23.8 71.2

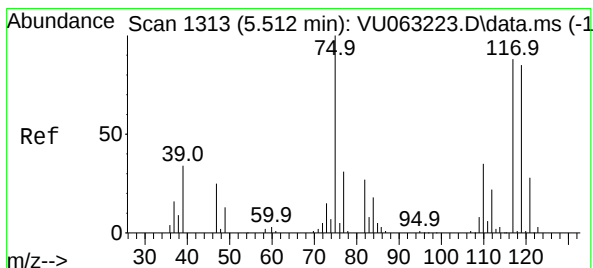
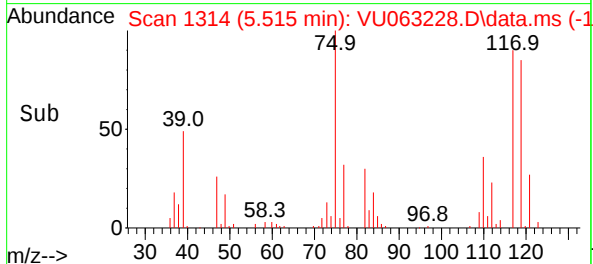
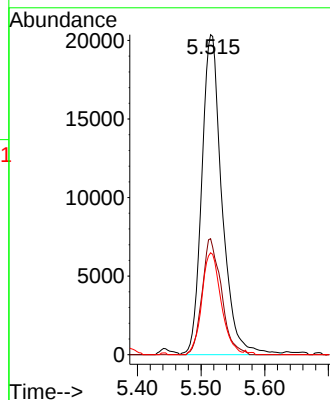
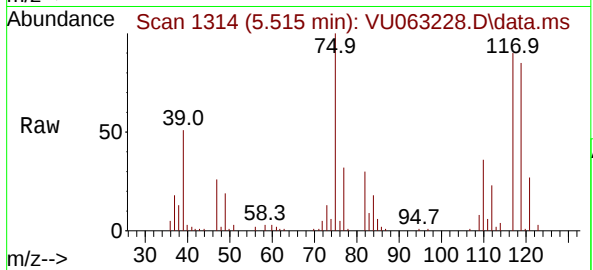




#29
1,1-Dichloropropene
Concen: 2.036 ug/l
RT: 5.515 min Scan# 1314
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

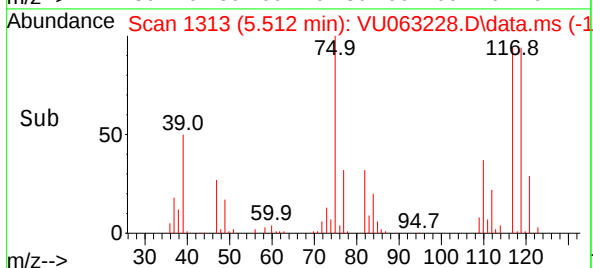
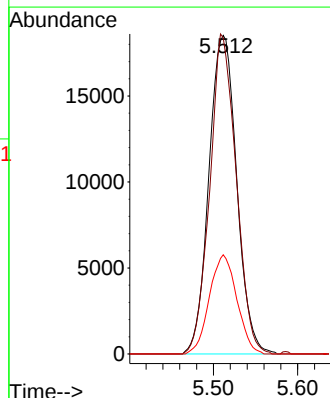
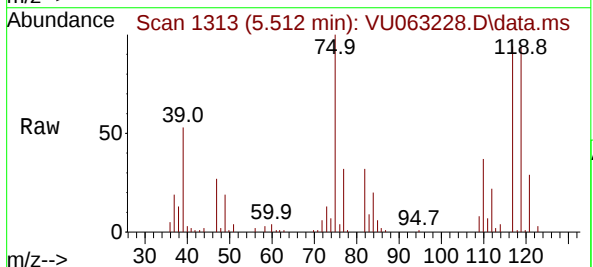
Instrument :
MSVOA_U
ClientSampleId :

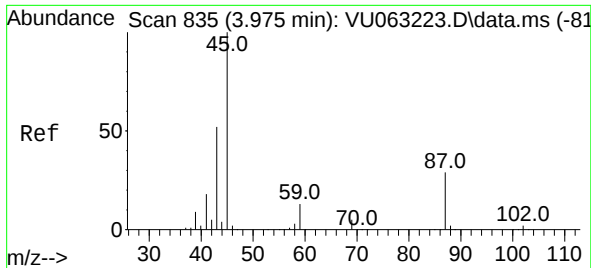
Tgt Ion: 75 Resp: 44890
Ion Ratio Lower Upper
75 100
110 34.5 17.2 51.5
77 30.5 24.6 37.0



#30
Carbon Tetrachloride
Concen: 2.010 ug/l
RT: 5.512 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Tgt Ion: 117 Resp: 42452
Ion Ratio Lower Upper
117 100
119 99.3 76.7 115.1
121 31.2 25.5 38.3

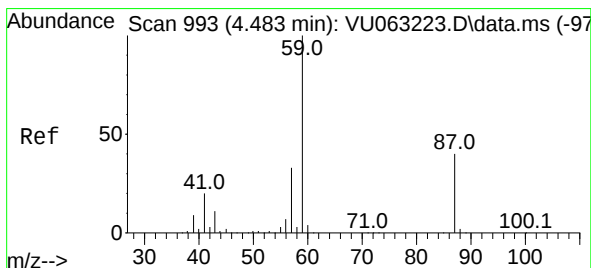
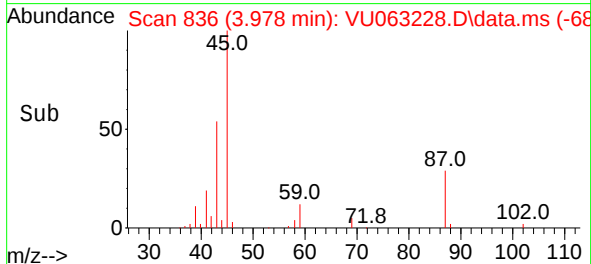
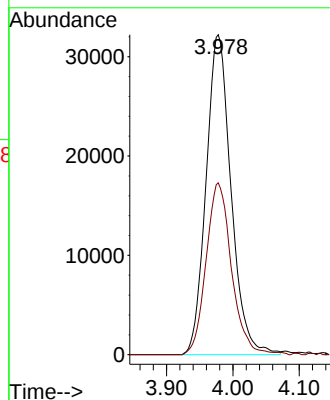
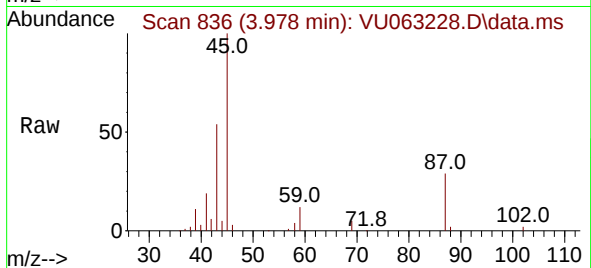




#31
Isopropyl Ether
Concen: 1.961 ug/l
RT: 3.978 min Scan# 835
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

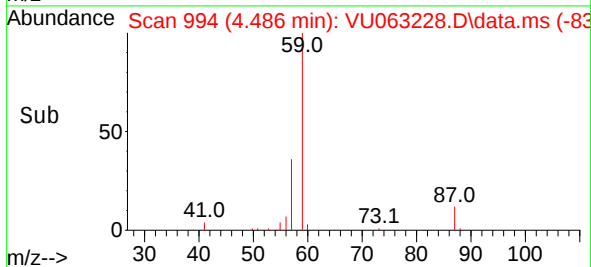
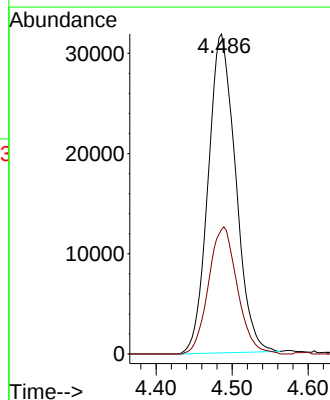
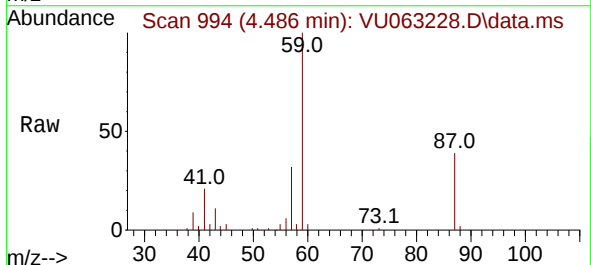
Instrument :
MSVOA_U
ClientSampleId :

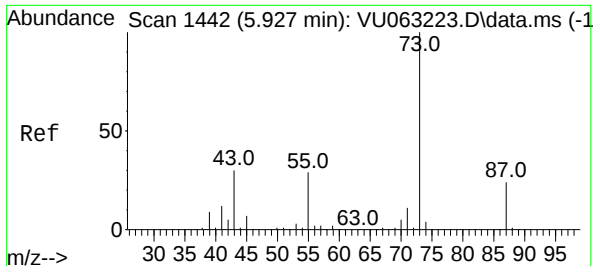
Tgt Ion: 45 Resp: 84339
Ion Ratio Lower Upper
45 100
43 54.6 25.7 77.1



#32
Ethyl-t-butyl ether
Concen: 2.044 ug/l
RT: 4.486 min Scan# 994
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

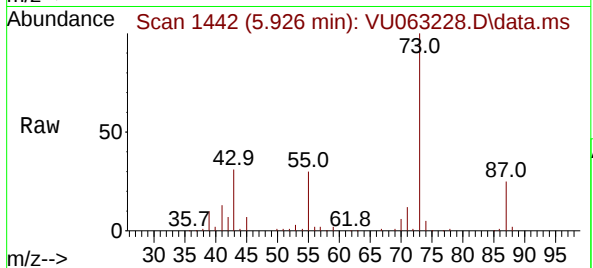
Tgt Ion: 59 Resp: 79945
Ion Ratio Lower Upper
59 100
87 41.7 32.6 49.0



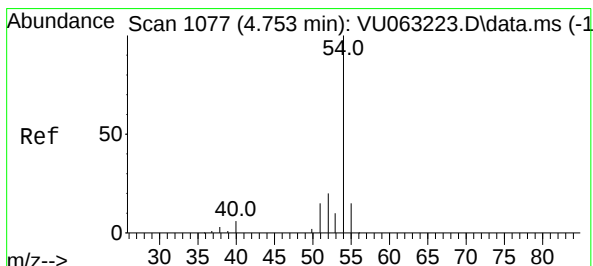
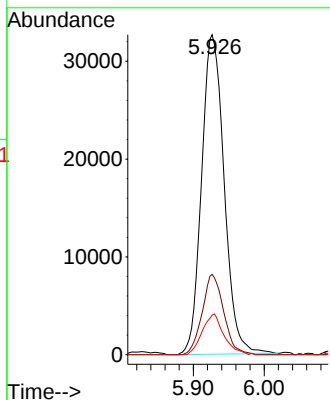
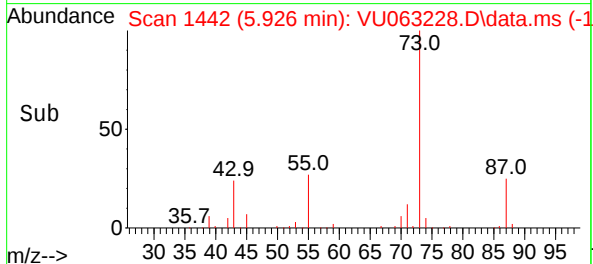


#33
Tert-Amyl methyl ether
Concen: 2.118 ug/l
RT: 5.926 min Scan# 1442
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

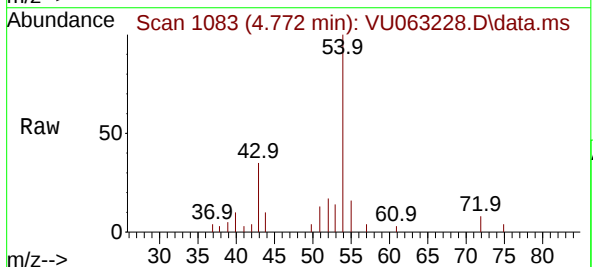
Instrument :
MSVOA_U
ClientSampleId :



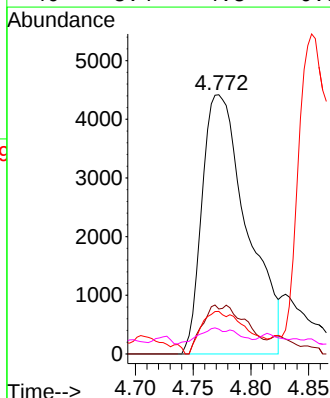
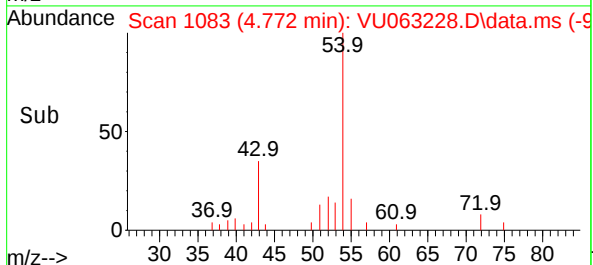
Tgt Ion: 73 Resp: 72350
Ion Ratio Lower Upper
73 100
87 23.9 18.9 28.3
71 12.1 9.0 13.4

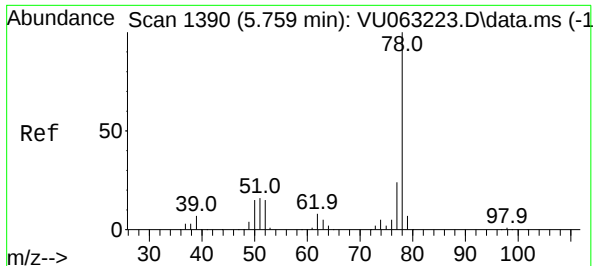


#34
Propionitrile
Concen: 10.006 ug/l
RT: 4.772 min Scan# 1083
Delta R.T. 0.019 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14



Tgt Ion: 54 Resp: 11926
Ion Ratio Lower Upper
54 100
52 7.3 16.3 24.5#
55 16.6 11.8 17.6
40 3.4 4.3 6.5#





#35

Benzene

Concen: 2.023 ug/l

RT: 5.762 min Scan# 1391

Delta R.T. 0.003 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

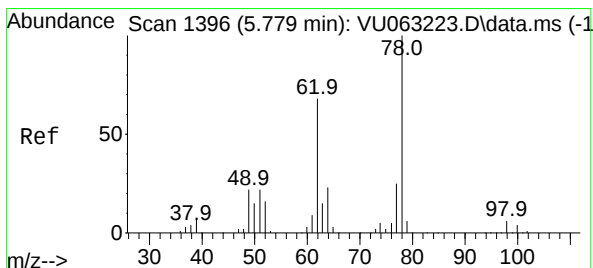
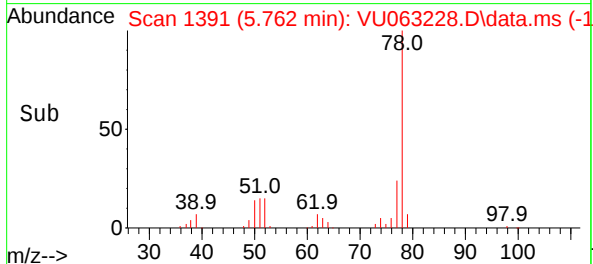
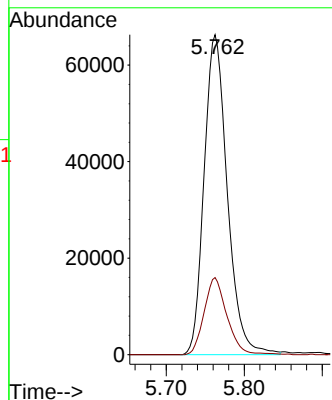
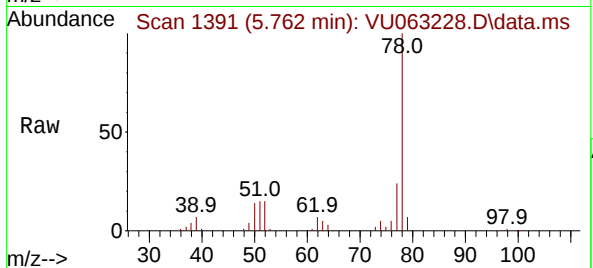
ClientSampleId :

Tgt Ion: 78 Resp: 137142

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.4



#36

1,2-Dichloroethane

Concen: 2.063 ug/l

RT: 5.782 min Scan# 1397

Delta R.T. 0.003 min

Lab File: VU063228.D

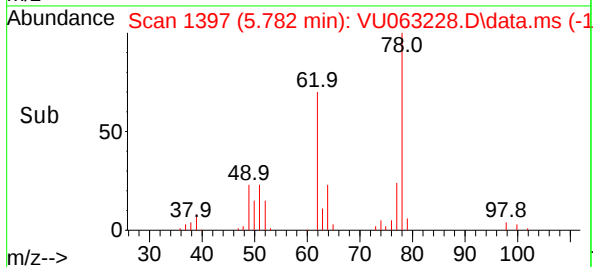
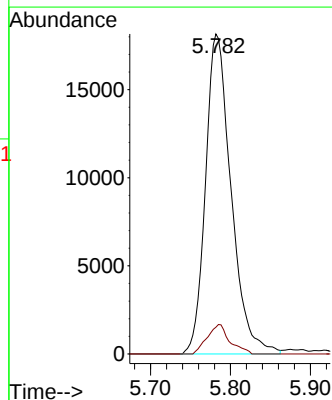
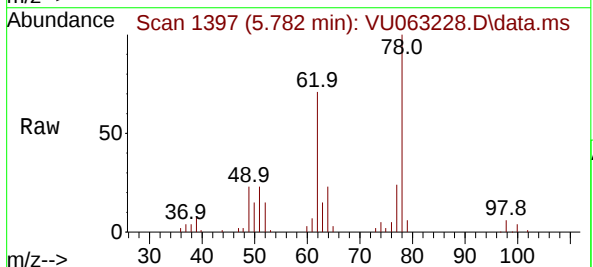
Acq: 10 Feb 2025 19:14

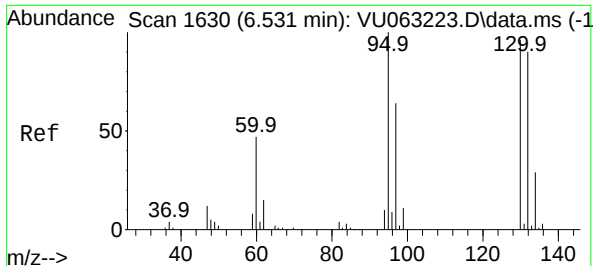
Tgt Ion: 62 Resp: 40373

Ion Ratio Lower Upper

62 100

98 8.1 6.9 10.3





#37

Trichloroethene

Concen: 2.038 ug/l

RT: 6.534 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

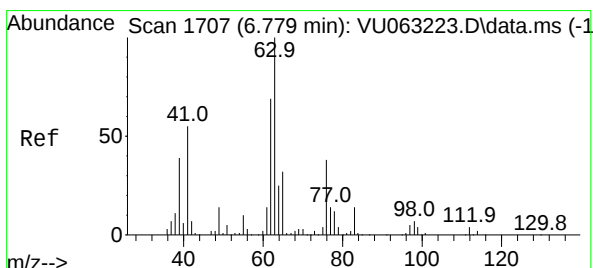
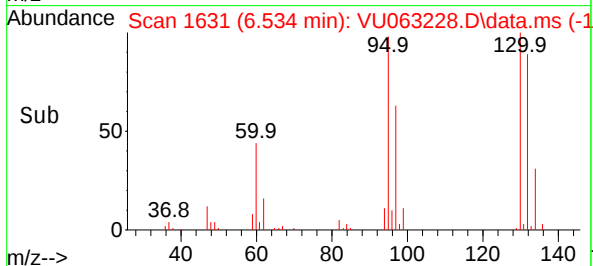
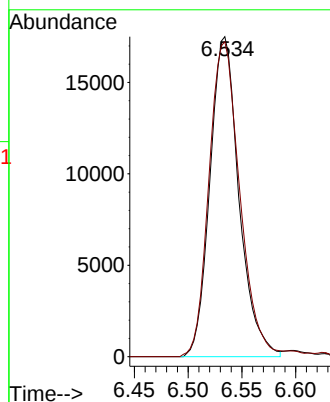
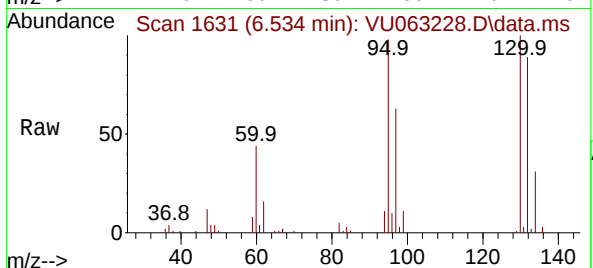
ClientSampleId :

Tgt Ion:130 Resp: 32864

Ion Ratio Lower Upper

130 100

95 98.4 83.2 124.8



#38

1,2-Dichloropropane

Concen: 2.018 ug/l

RT: 6.782 min Scan# 1708

Delta R.T. 0.003 min

Lab File: VU063228.D

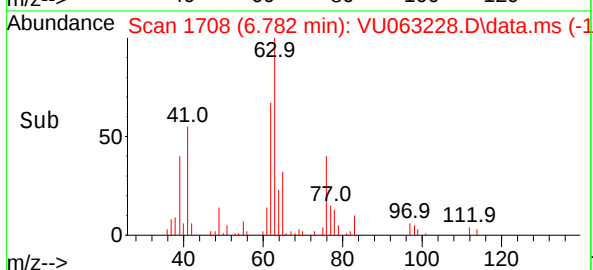
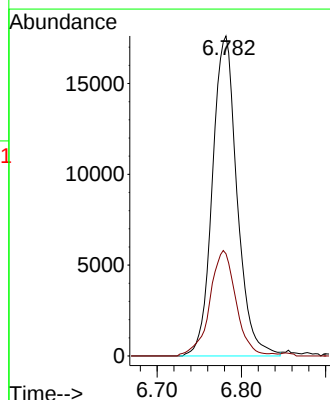
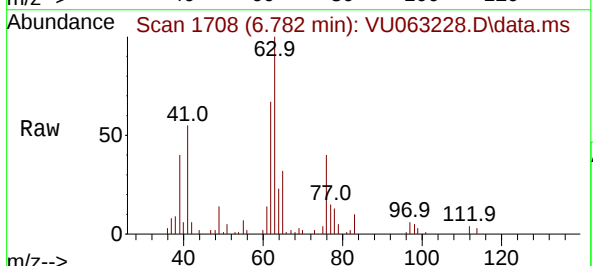
Acq: 10 Feb 2025 19:14

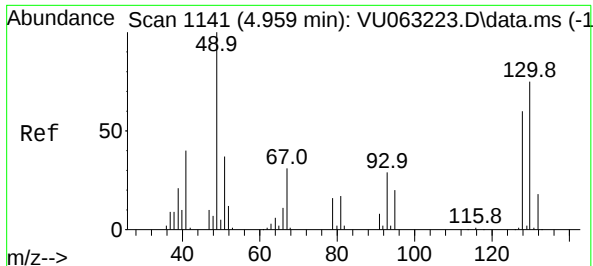
Tgt Ion: 63 Resp: 35813

Ion Ratio Lower Upper

63 100

65 31.4 25.3 37.9





#39

Methacrylonitrile

Concen: 2.123 ug/l

RT: 4.971 min Scan# 1145

Delta R.T. 0.013 min

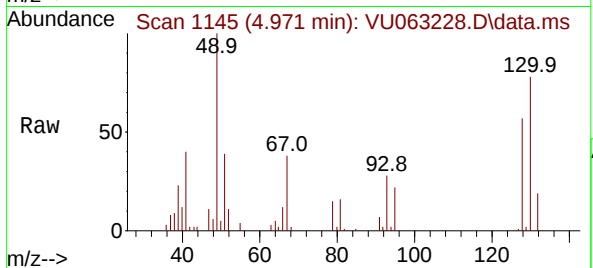
Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 41 Resp: 9429

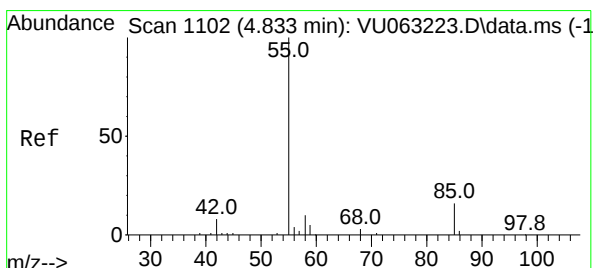
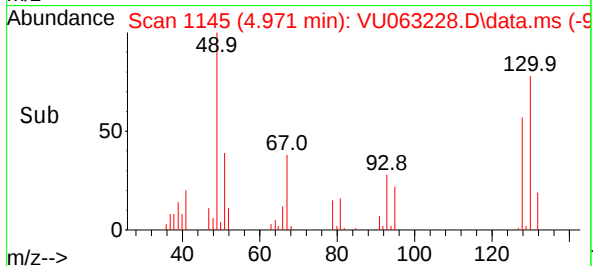
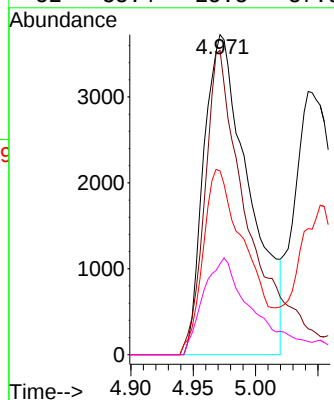
Ion Ratio Lower Upper

41 100

67 91.7 64.5 96.7

39 56.0 43.0 64.6

52 33.4 25.3 37.9



#40

Methyl acrylate

Concen: 1.736 ug/l

RT: 4.853 min Scan# 1108

Delta R.T. 0.019 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Tgt Ion: 55 Resp: 14208

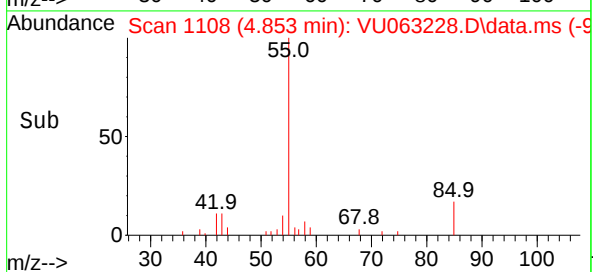
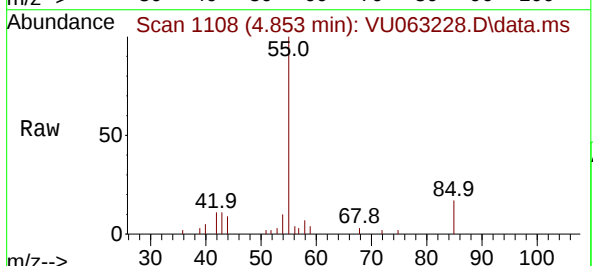
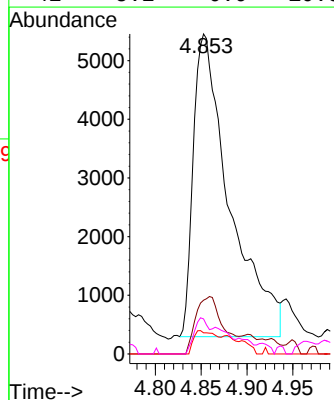
Ion Ratio Lower Upper

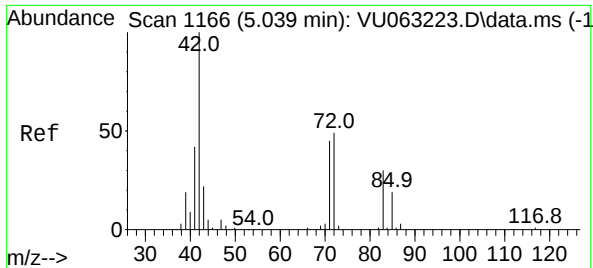
55 100

85 14.3 13.3 19.9

58 4.9 7.3 10.9#

42 5.2 6.9 10.3#





#41

Tetrahydrofuran

Concen: 4.200 ug/l

RT: 5.045 min Scan# 1166

Delta R.T. 0.006 min

Lab File: VU063228.D

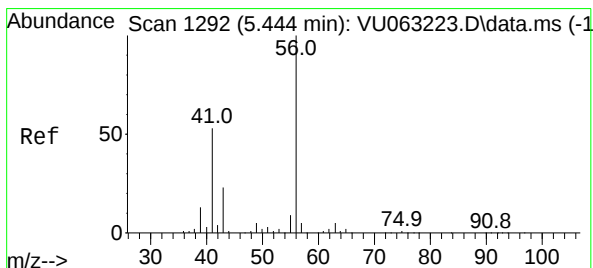
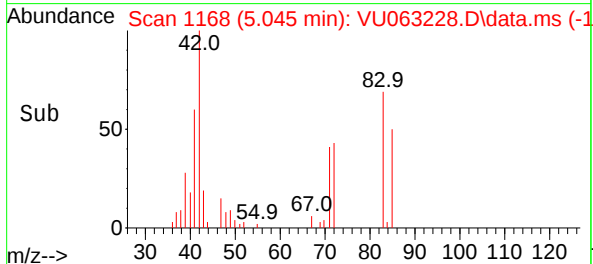
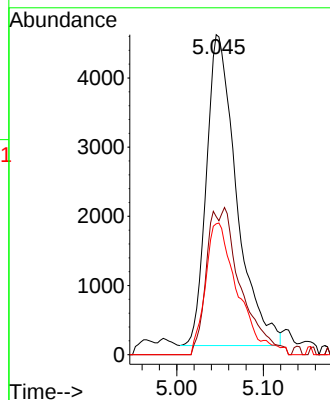
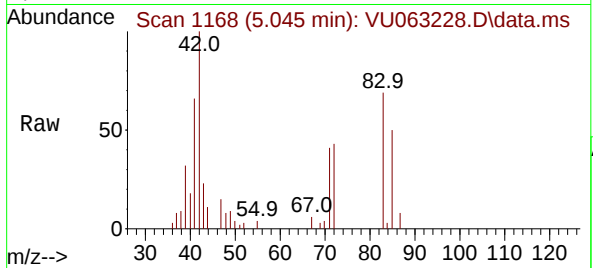
Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	42	Resp:	10851
Ion Ratio	Lower	Upper	
42	100		
72	21.0	41.5	62.3#
71	45.5	37.2	55.8



#42

1-Chlorobutane

Concen: 1.986 ug/l

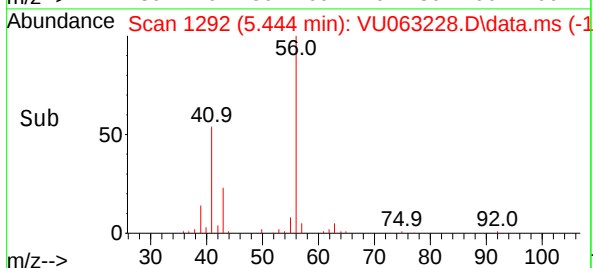
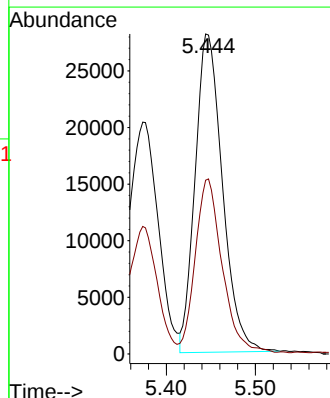
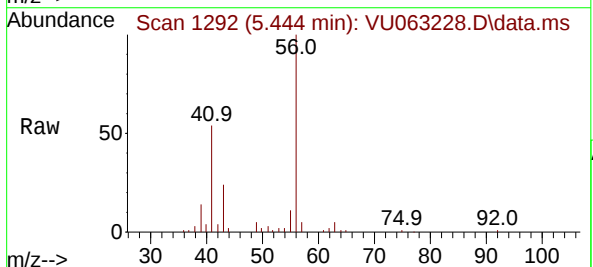
RT: 5.444 min Scan# 1292

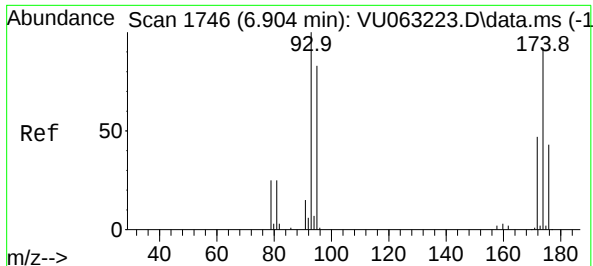
Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Tgt Ion:	56	Resp:	59929
Ion Ratio	Lower	Upper	
56	100		
41	53.7	26.3	78.8





#43

Dibromomethane

Concen: 2.089 ug/l

RT: 6.910 min Scan# 1

Delta R.T. 0.006 min

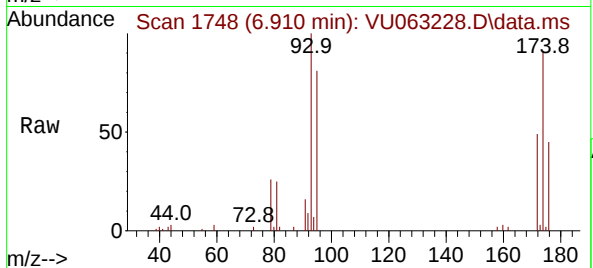
Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :



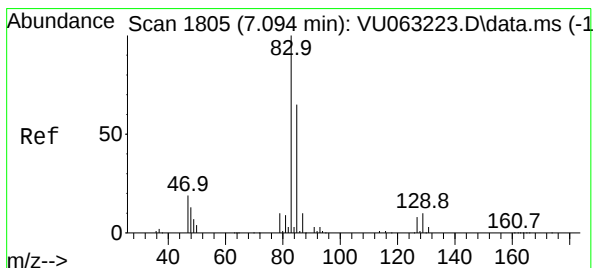
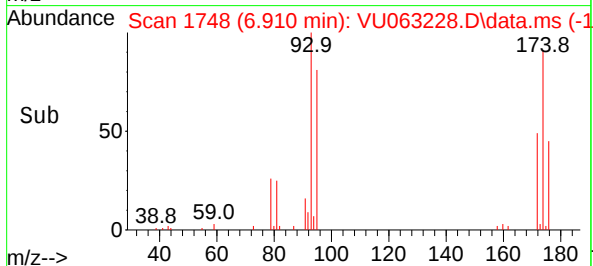
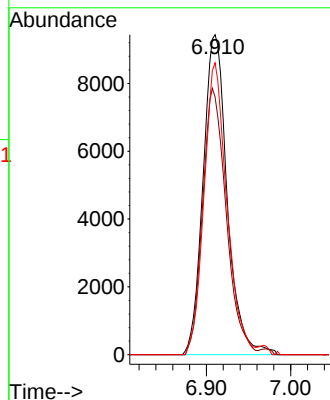
Tgt Ion: 93 Resp: 18775

Ion Ratio Lower Upper

93 100

95 81.7 67.2 100.8

174 86.8 75.7 113.5



#44

Bromodichloromethane

Concen: 2.048 ug/l

RT: 7.094 min Scan# 1805

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

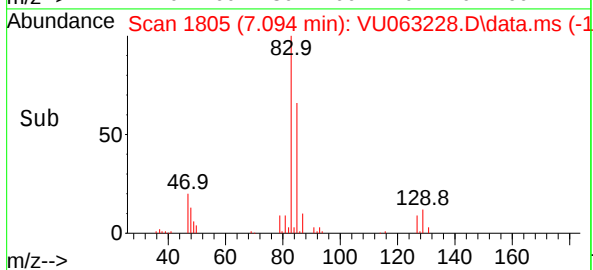
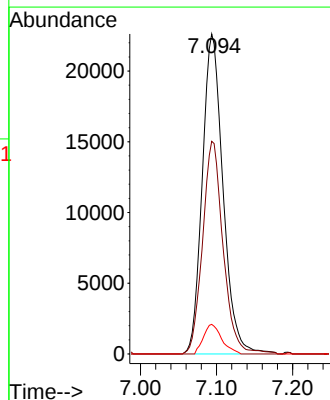
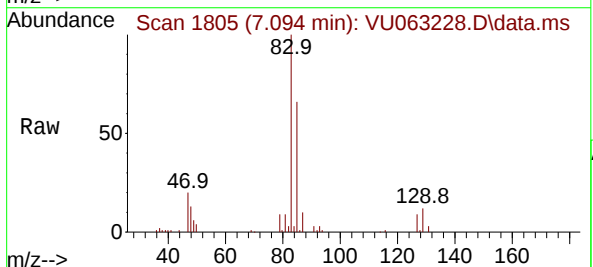
Tgt Ion: 83 Resp: 42835

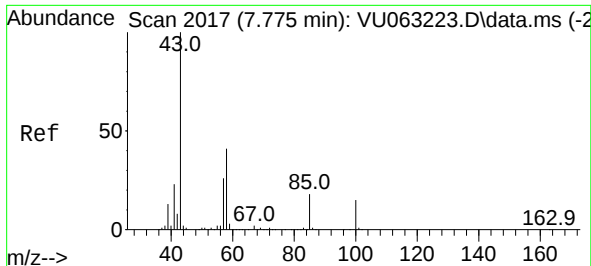
Ion Ratio Lower Upper

83 100

85 66.5 51.7 77.5

127 9.3 6.7 10.1

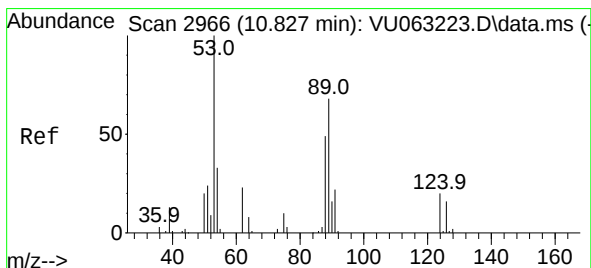
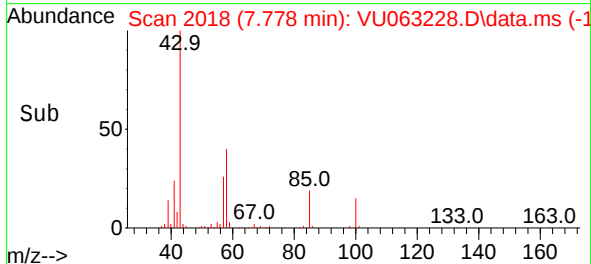
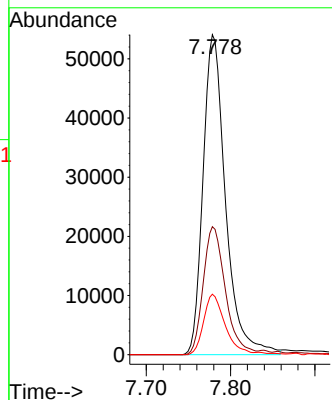
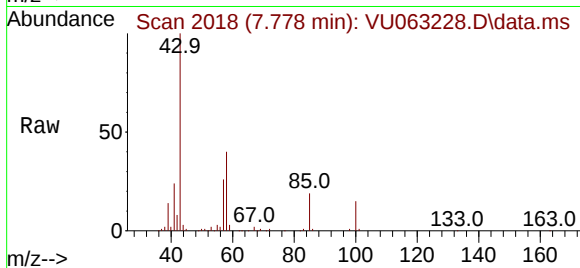




#45
4-Methyl-2-Pentanone
Concen: 10.697 ug/l
RT: 7.778 min Scan# 2017
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

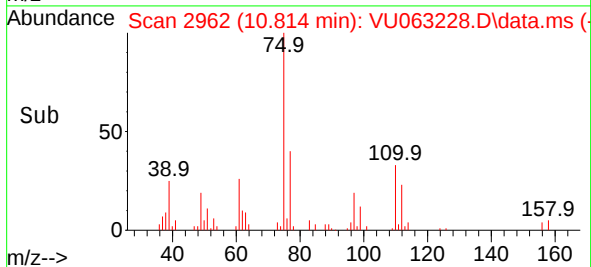
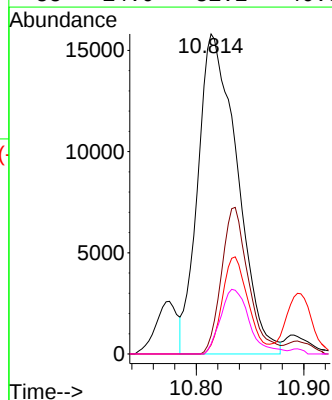
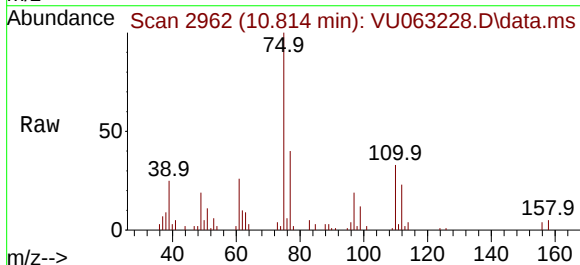
Instrument :
MSVOA_U
ClientSampleId :

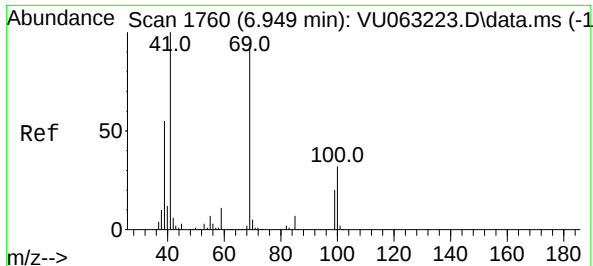
Tgt Ion: 43 Resp: 100787
Ion Ratio Lower Upper
43 100
58 39.2 20.8 62.5
85 17.9 14.8 22.2



#46
t-1,4-Dichloro-2-butene
Concen: 9.055 ug/l
RT: 10.814 min Scan# 2962
Delta R.T. -0.013 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Tgt Ion: 75 Resp: 40106
Ion Ratio Lower Upper
75 100
53 31.5 64.5 96.7#
89 20.2 43.4 65.2#
88 14.9 31.2 46.8#





#47

Methyl methacrylate

Concen: 4.335 ug/l

RT: 6.952 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 69 Resp: 32813

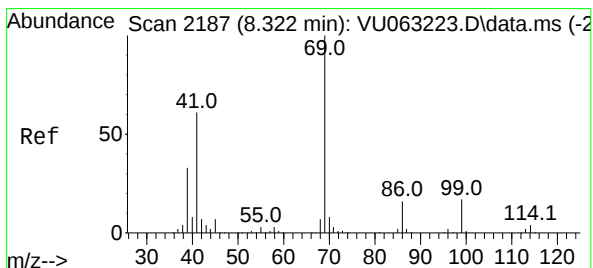
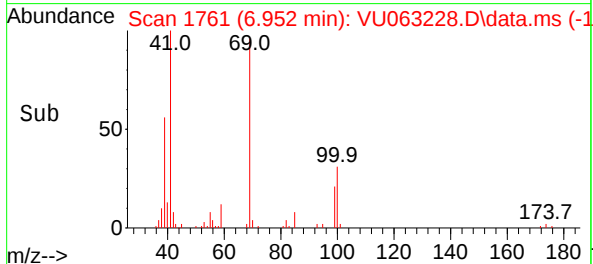
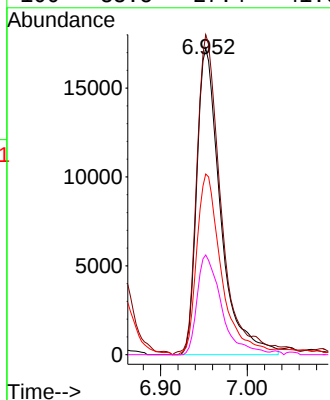
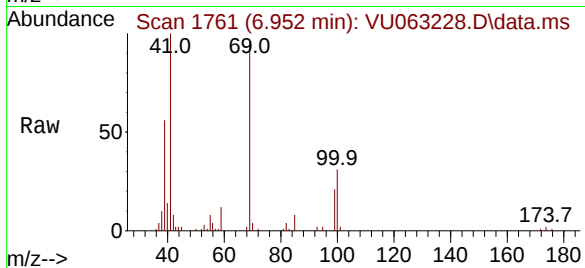
Ion Ratio Lower Upper

69 100

41 106.9 0.0 217.0

39 61.4 47.7 71.5

100 33.5 27.4 41.0



#48

Ethyl methacrylate

Concen: 2.126 ug/l

RT: 8.325 min Scan# 2188

Delta R.T. 0.003 min

Lab File: VU063228.D

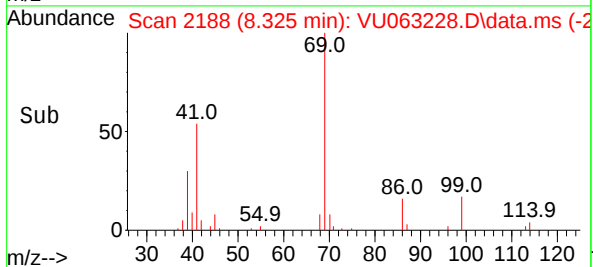
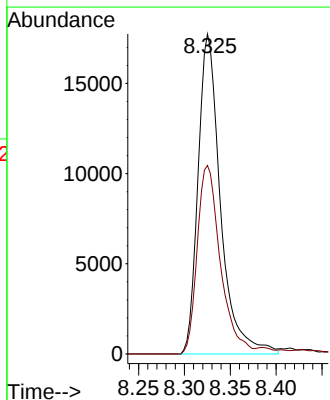
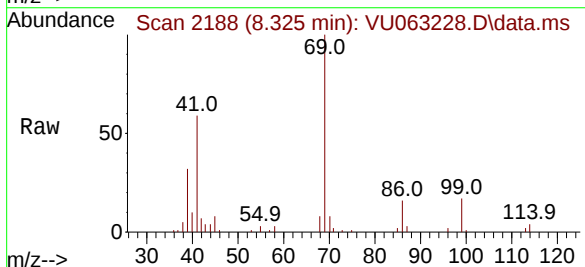
Acq: 10 Feb 2025 19:14

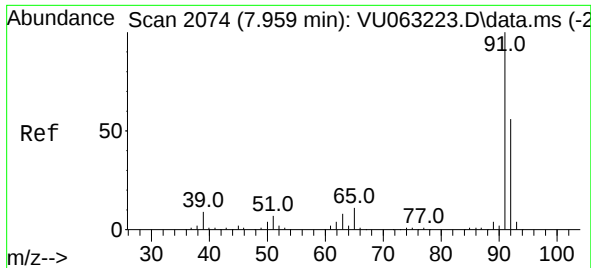
Tgt Ion: 69 Resp: 30221

Ion Ratio Lower Upper

69 100

41 60.6 30.6 92.0





#49

Toluene

Concen: 2.024 ug/l

RT: 7.958 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

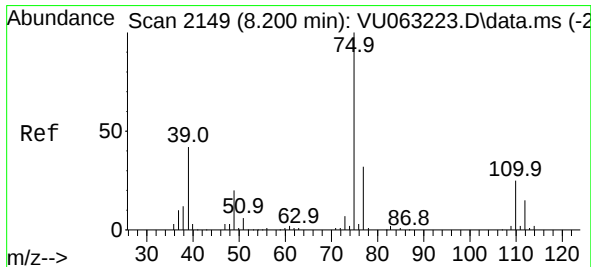
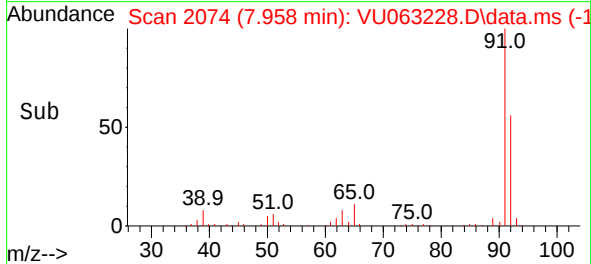
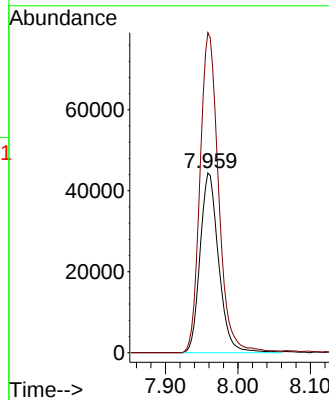
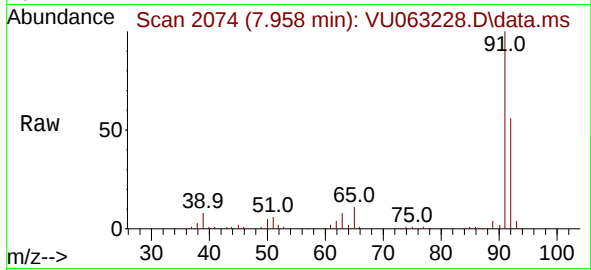
ClientSampleId :

Tgt Ion: 92 Resp: 78939

Ion Ratio Lower Upper

92 100

91 178.3 141.8 212.6



#50

t-1,3-Dichloropropene

Concen: 2.083 ug/l

RT: 8.200 min Scan# 2149

Delta R.T. -0.000 min

Lab File: VU063228.D

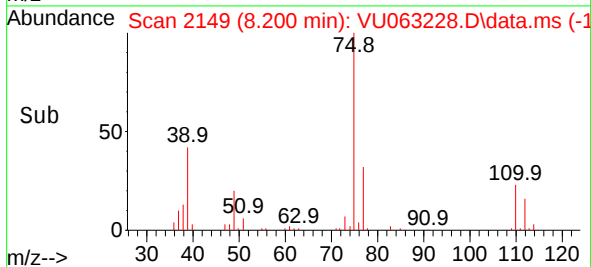
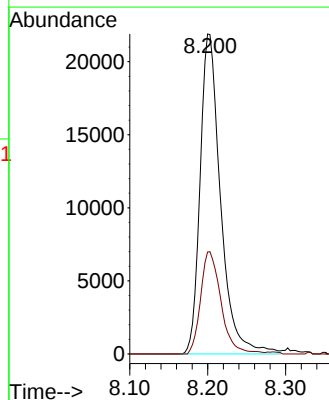
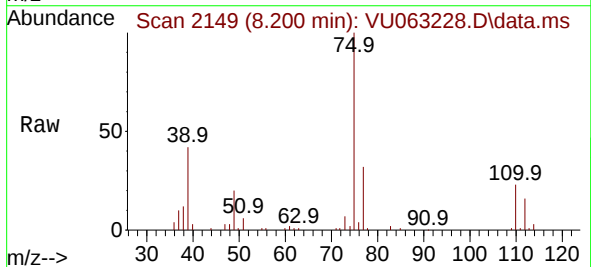
Acq: 10 Feb 2025 19:14

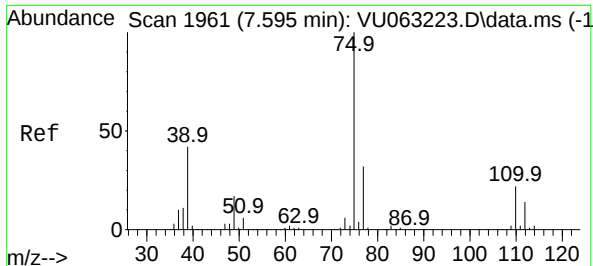
Tgt Ion: 75 Resp: 39892

Ion Ratio Lower Upper

75 100

77 31.9 25.9 38.9





#51

cis-1,3-Dichloropropene

Concen: 1.996 ug/l

RT: 7.598 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

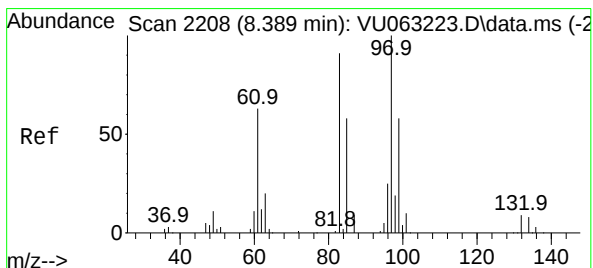
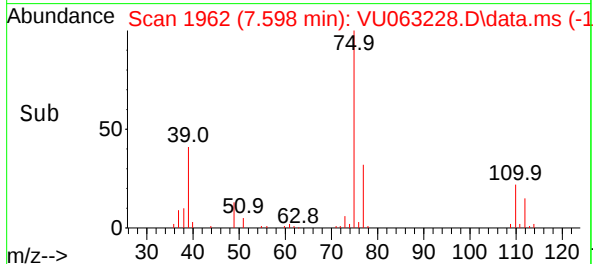
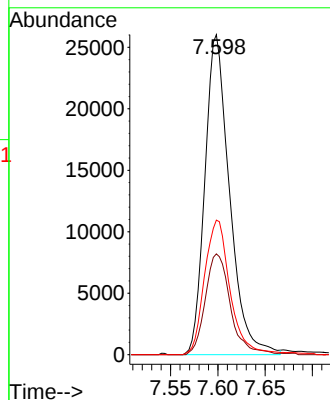
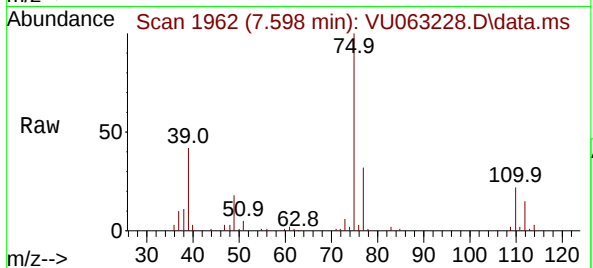
Tgt Ion: 75 Resp: 47213

Ion Ratio Lower Upper

75 100

77 31.5 25.3 37.9

39 42.0 33.5 50.3



#52

1,1,2-Trichloroethane

Concen: 2.070 ug/l

RT: 8.389 min Scan# 2208

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Tgt Ion: 97 Resp: 25086

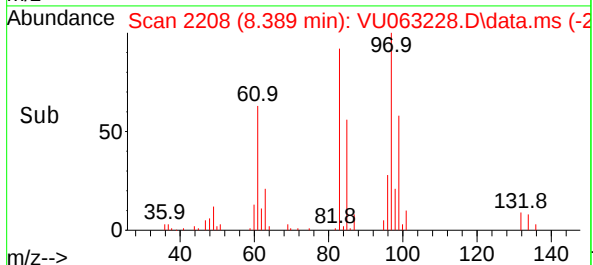
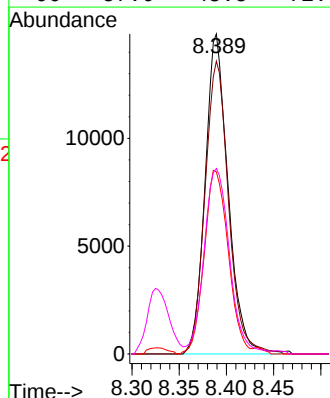
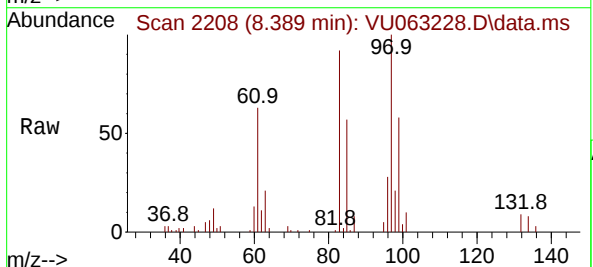
Ion Ratio Lower Upper

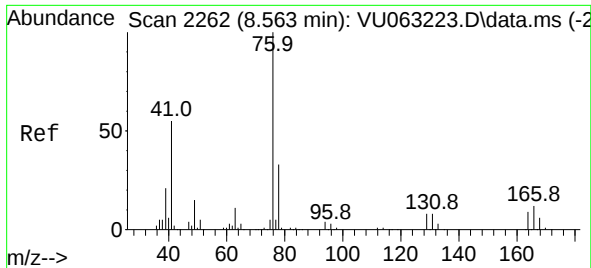
97 100

83 91.5 73.0 109.4

85 56.9 46.3 69.5

99 57.0 48.5 72.7





#53

1,3-Dichloropropane

Concen: 2.093 ug/l

RT: 8.563 min Scan# 2262

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

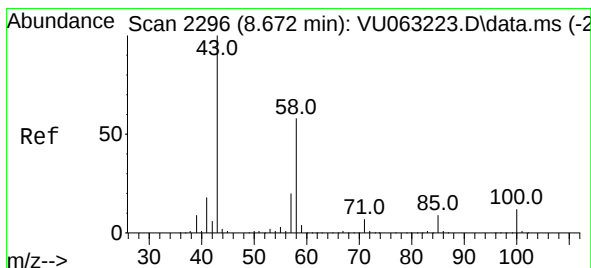
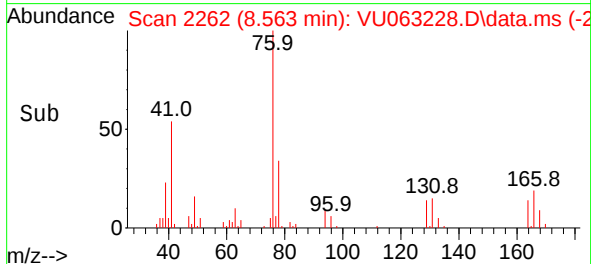
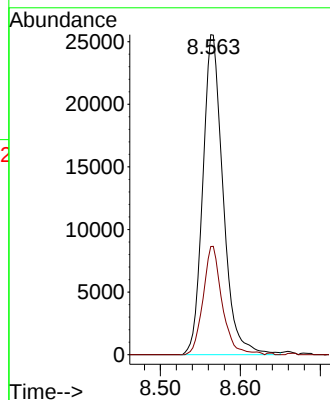
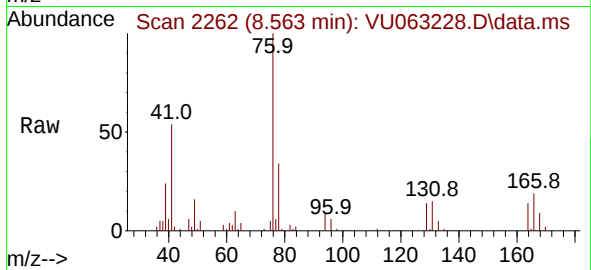
ClientSampleId :

Tgt Ion: 76 Resp: 45018

Ion Ratio Lower Upper

76 100

78 31.9 26.3 39.5



#54

2-Hexanone

Concen: 10.581 ug/l

RT: 8.675 min Scan# 2297

Delta R.T. 0.003 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

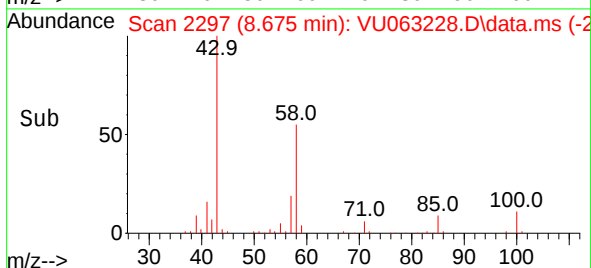
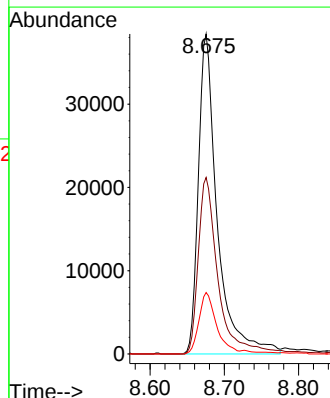
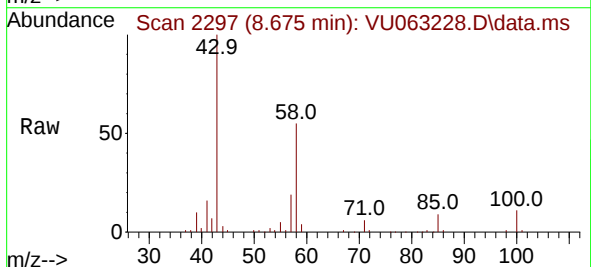
Tgt Ion: 43 Resp: 68031

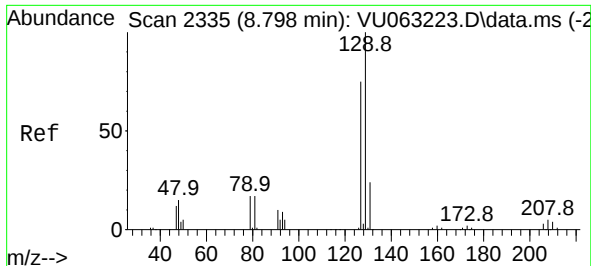
Ion Ratio Lower Upper

43 100

58 57.5 38.0 78.0

57 17.8 0.0 39.1





#55

Dibromochloromethane

Concen: 2.064 ug/l

RT: 8.798 min Scan# 2335

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

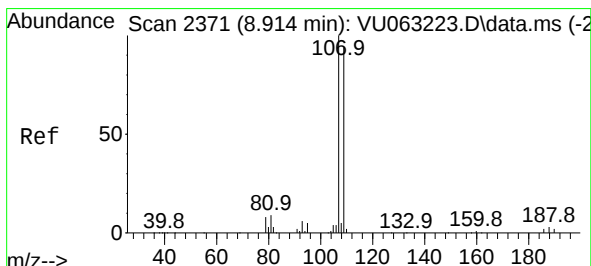
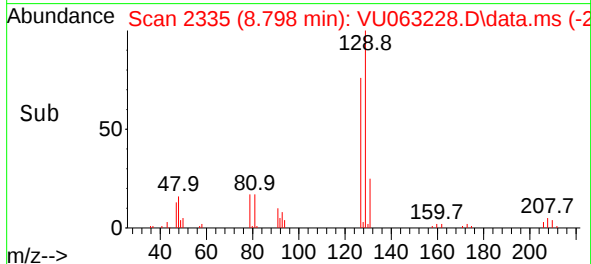
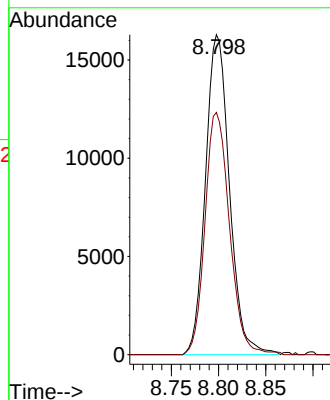
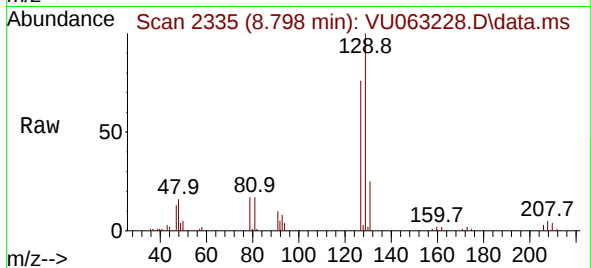
ClientSampleId :

Tgt Ion:129 Resp: 28767

Ion Ratio Lower Upper

129 100

127 77.3 60.4 90.6



#56

1,2-Dibromoethane

Concen: 2.119 ug/l

RT: 8.913 min Scan# 2371

Delta R.T. -0.000 min

Lab File: VU063228.D

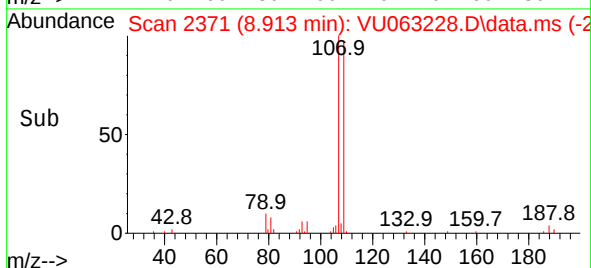
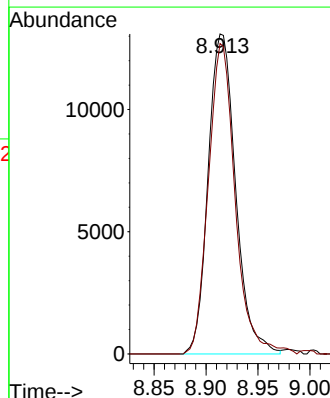
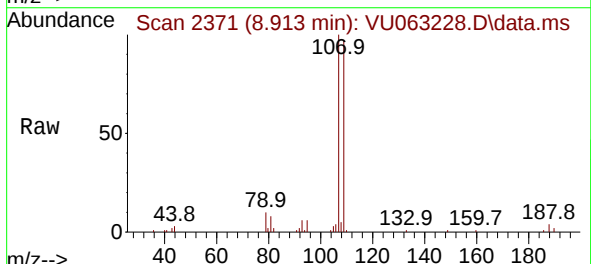
Acq: 10 Feb 2025 19:14

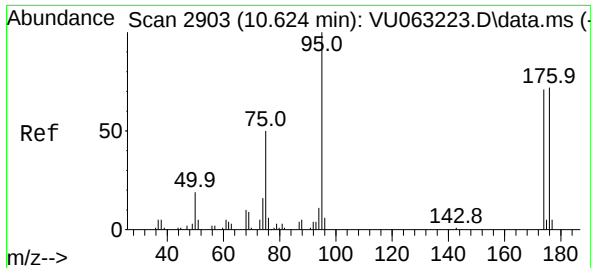
Tgt Ion:107 Resp: 24086

Ion Ratio Lower Upper

107 100

109 94.6 0.0 187.8

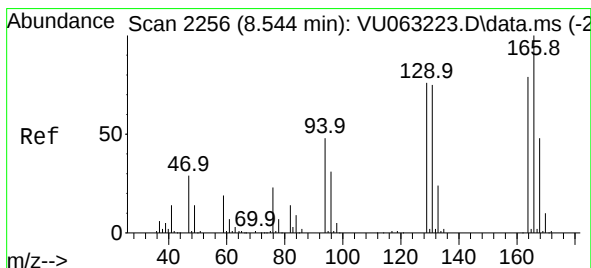
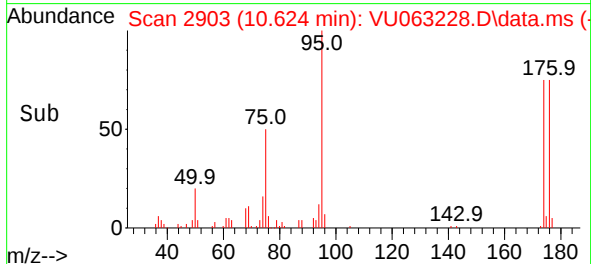
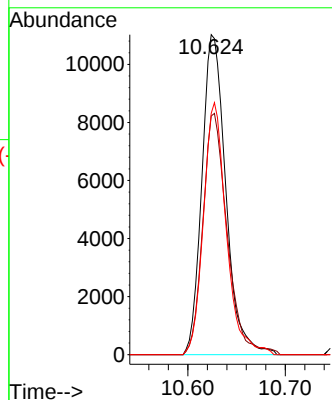
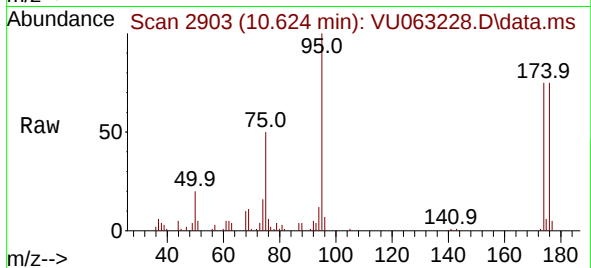




#57
4-Bromofluorobenzene
Concen: 1.032 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

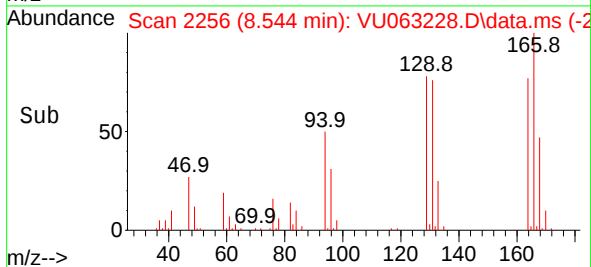
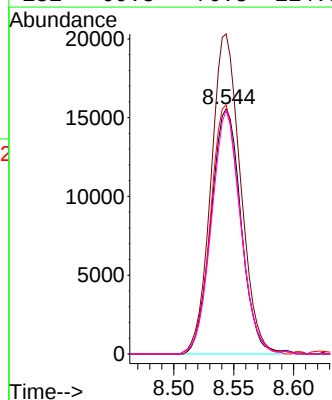
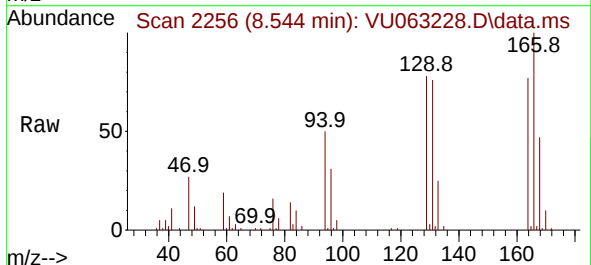
Instrument :
MSVOA_U
ClientSampleId :

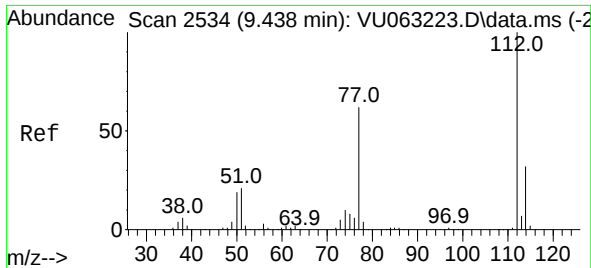
Tgt Ion: 95 Resp: 18777
Ion Ratio Lower Upper
95 100
174 76.8 58.6 88.0
176 75.5 58.2 87.4



#58
Tetrachloroethene
Concen: 2.031 ug/l
RT: 8.544 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Tgt Ion: 164 Resp: 26994
Ion Ratio Lower Upper
164 100
166 130.5 101.4 152.0
129 101.5 77.0 115.4
131 99.3 76.3 114.5





#59

Chlorobenzene

Concen: 2.076 ug/l

RT: 9.438 min Scan# 2534

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

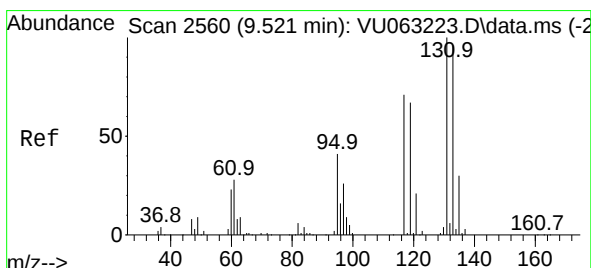
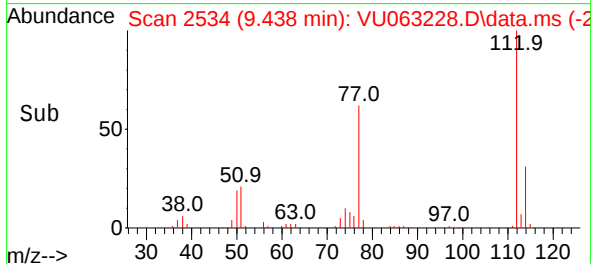
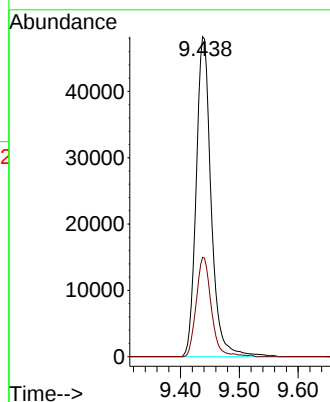
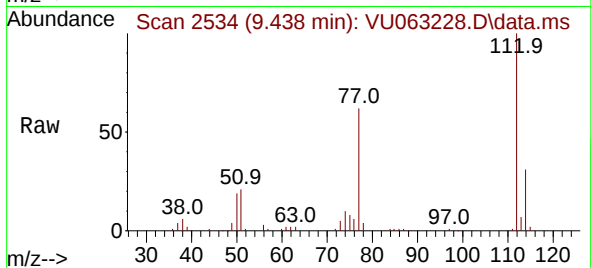
ClientSampleId :

Tgt Ion:112 Resp: 85410

Ion Ratio Lower Upper

112 100

114 31.1 25.7 38.5



#60

1,1,1,2-Tetrachloroethane

Concen: 2.053 ug/l

RT: 9.524 min Scan# 2561

Delta R.T. 0.003 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

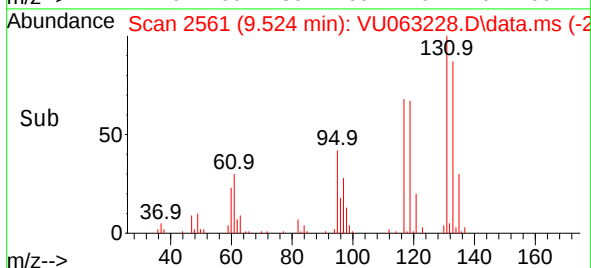
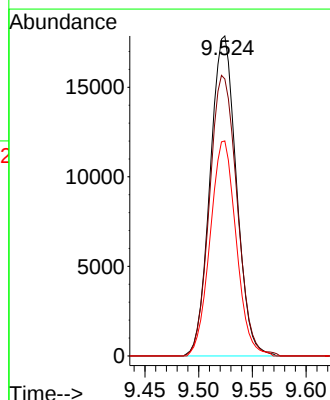
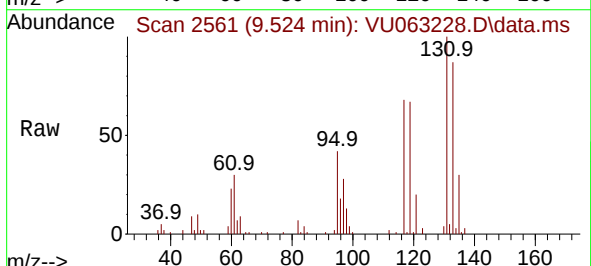
Tgt Ion:131 Resp: 30373

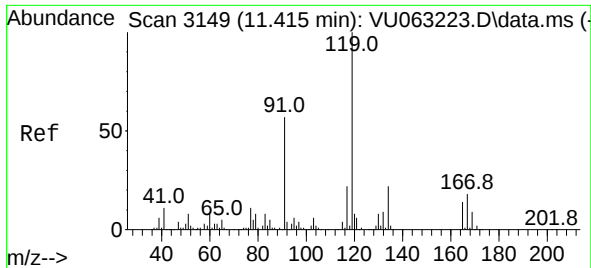
Ion Ratio Lower Upper

131 100

133 91.9 76.7 115.1

119 66.6 54.4 81.6

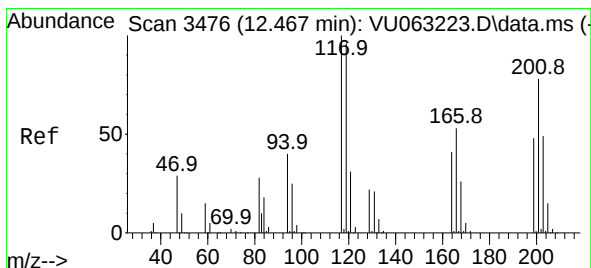
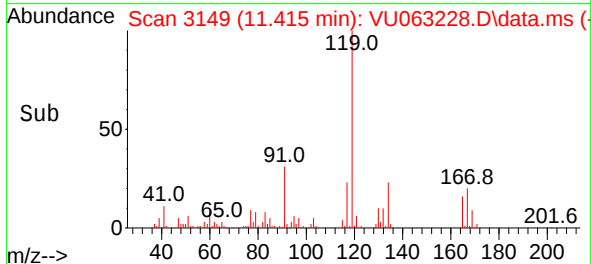
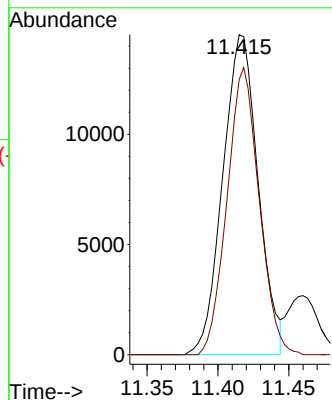
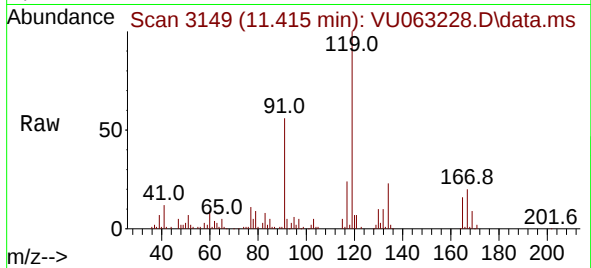




#61
Pentachloroethane
Concen: 1.908 ug/l
RT: 11.415 min Scan# 3149
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

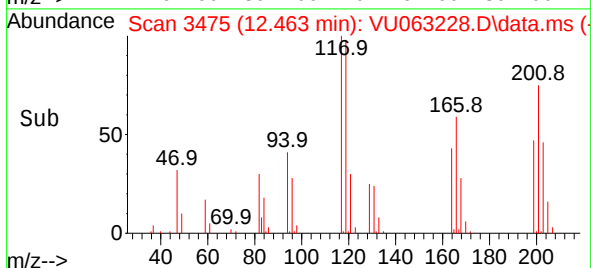
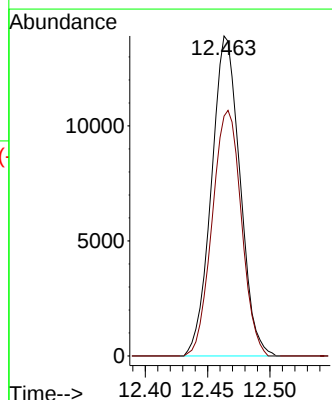
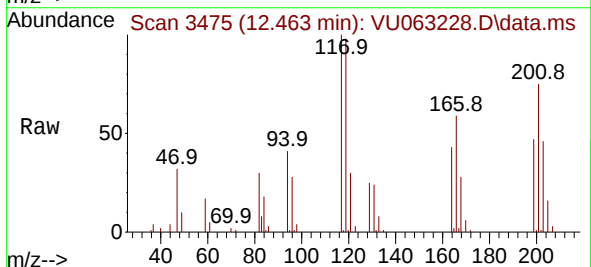
Instrument :
MSVOA_U
ClientSampleId :

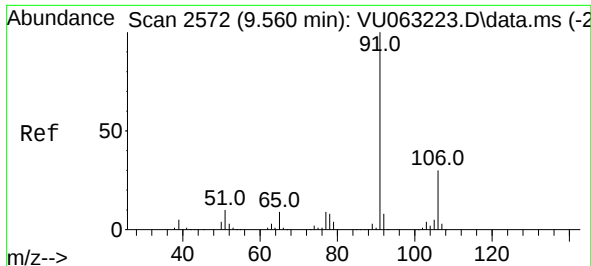
Tgt Ion:117 Resp: 25206
Ion Ratio Lower Upper
117 100
167 81.5 65.0 97.6



#62
Hexachloroethane
Concen: 1.897 ug/l
RT: 12.463 min Scan# 3475
Delta R.T. -0.003 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Tgt Ion:117 Resp: 22176
Ion Ratio Lower Upper
117 100
201 78.3 61.3 91.9





#63

Ethyl Benzene

Concen: 1.983 ug/l

RT: 9.560 min Scan# 2572

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

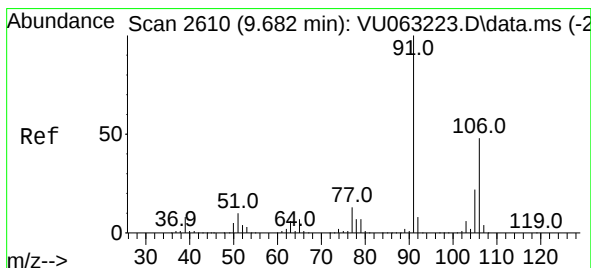
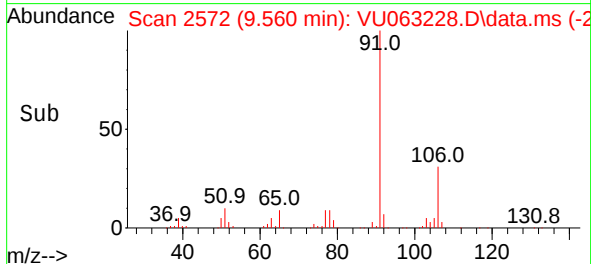
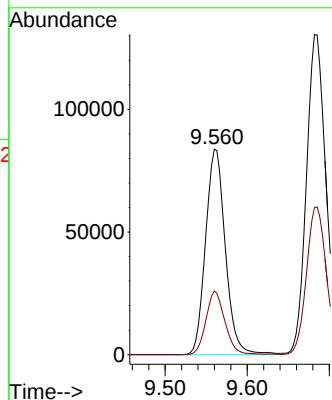
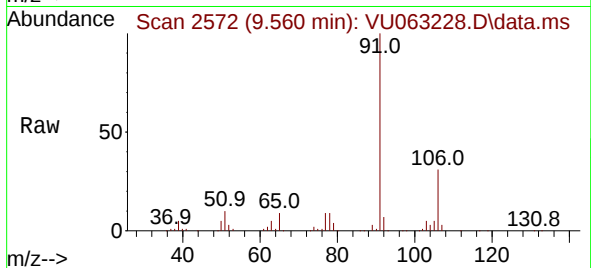
ClientSampleId :

Tgt Ion: 91 Resp: 140707

Ion Ratio Lower Upper

91 100

106 31.0 24.2 36.2



#64

m/p-Xylenes

Concen: 3.926 ug/l

RT: 9.685 min Scan# 2611

Delta R.T. 0.003 min

Lab File: VU063228.D

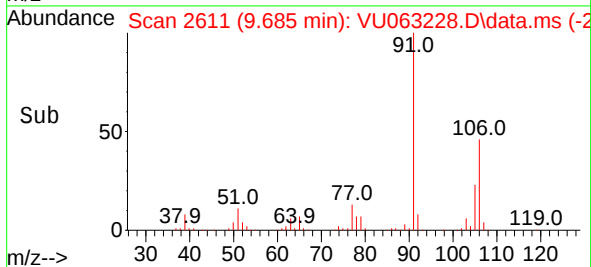
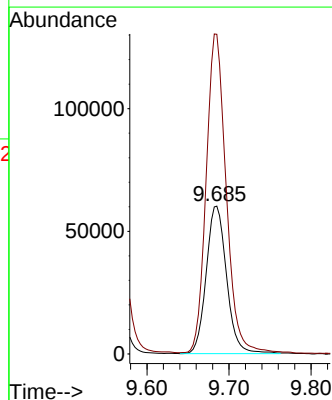
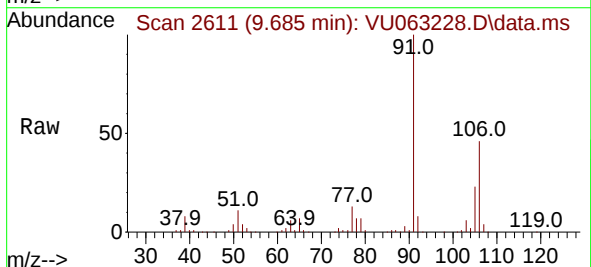
Acq: 10 Feb 2025 19:14

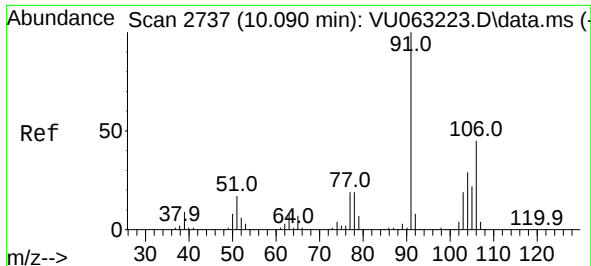
Tgt Ion:106 Resp: 104077

Ion Ratio Lower Upper

106 100

91 213.5 166.9 250.3

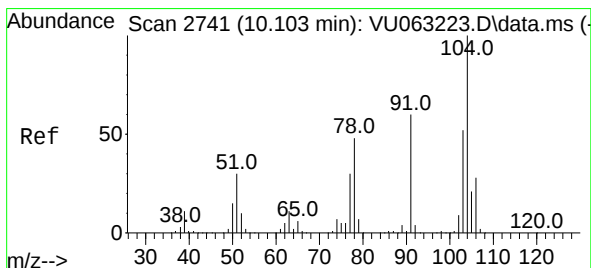
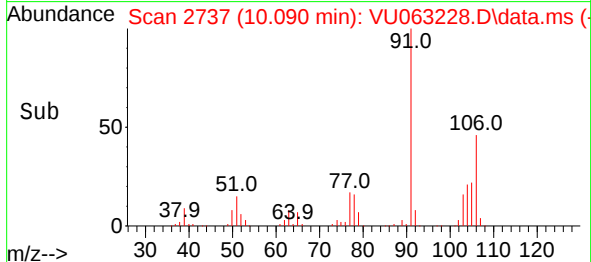
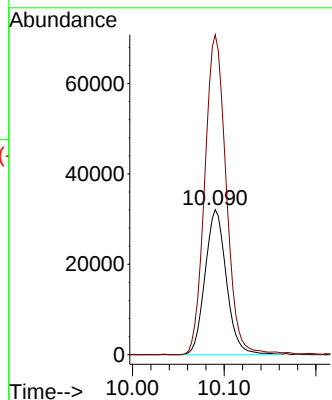
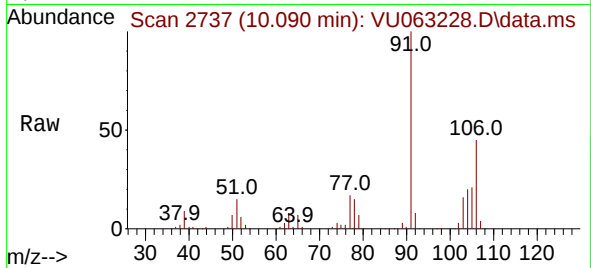




#65
o-Xylene
Concen: 2.001 ug/l
RT: 10.090 min Scan# 2737
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

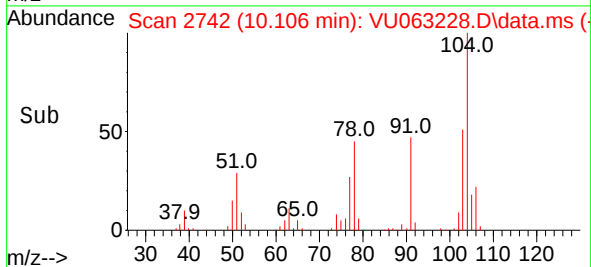
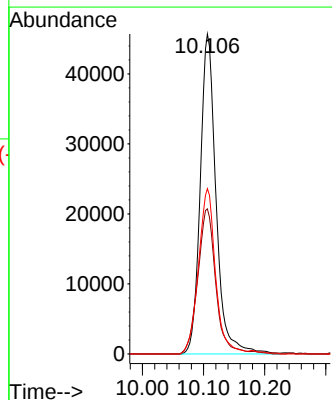
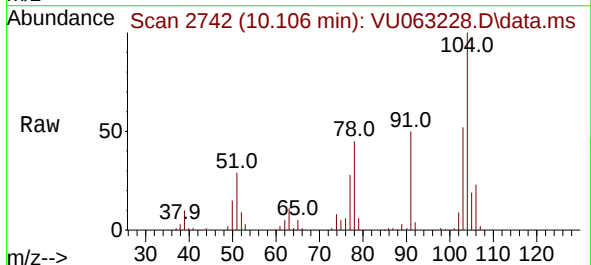
Instrument :
MSVOA_U
ClientSampleId :

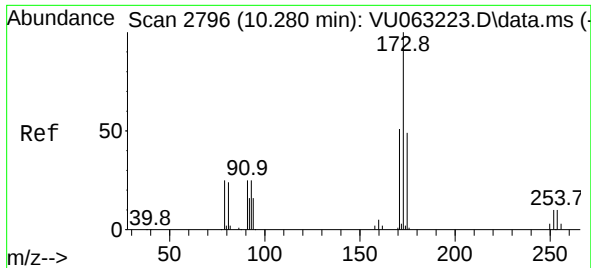
Tgt Ion:106 Resp: 51939
Ion Ratio Lower Upper
106 100
91 220.4 110.9 332.9



#66
Styrene
Concen: 1.996 ug/l
RT: 10.106 min Scan# 2742
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Tgt Ion:104 Resp: 82439
Ion Ratio Lower Upper
104 100
78 50.8 41.2 61.8
103 55.4 44.8 67.2

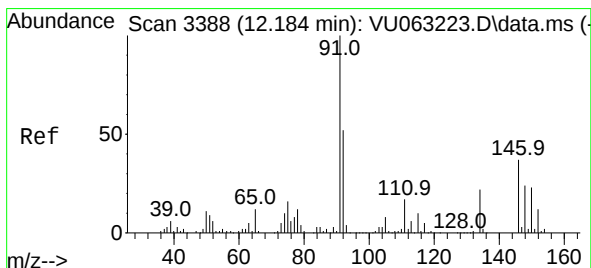
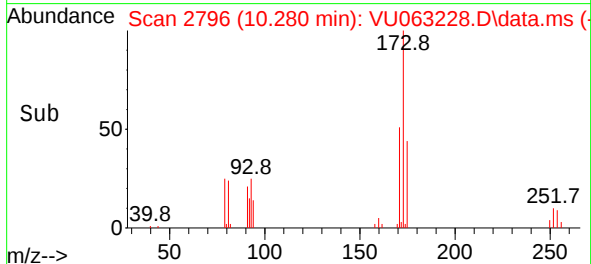
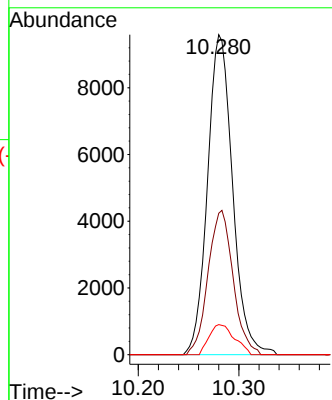
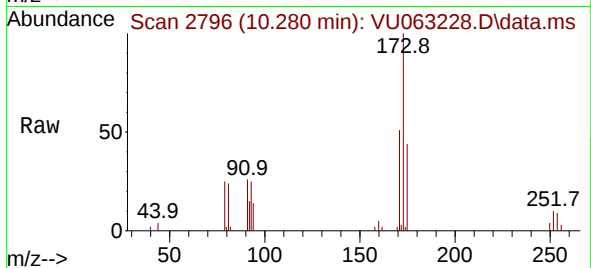




#67
Bromoform
Concen: 2.098 ug/l
RT: 10.280 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

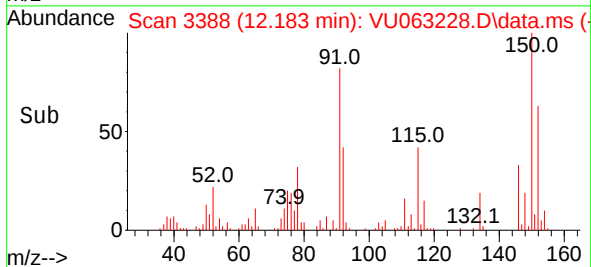
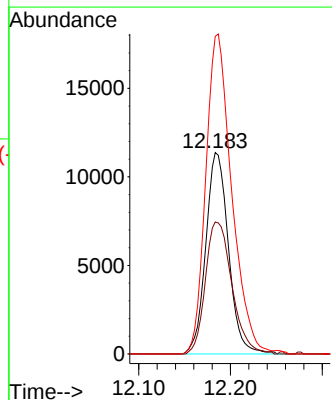
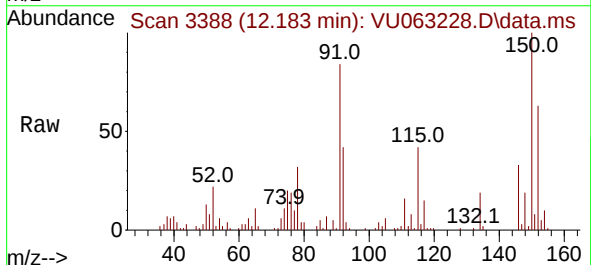
Instrument :
MSVOA_U
ClientSampleId :

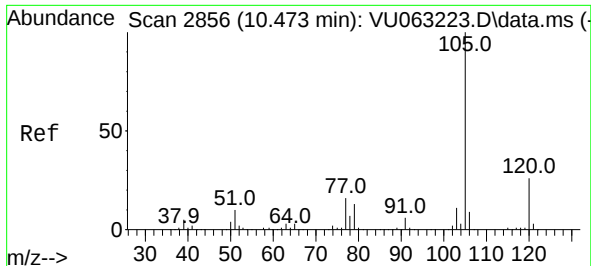
Tgt Ion:173 Resp: 16597
Ion Ratio Lower Upper
173 100
175 45.1 39.0 58.4
254 9.5 7.7 11.5



#68
1,2-Dichlorobenzene-d4
Concen: 1.031 ug/l
RT: 12.183 min Scan# 3388
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Tgt Ion:152 Resp: 19516
Ion Ratio Lower Upper
152 100
115 76.7 0.0 275.2
150 182.5 0.0 658.4





#69

Isopropylbenzene

Concen: 2.023 ug/l

RT: 10.473 min Scan# 2856

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

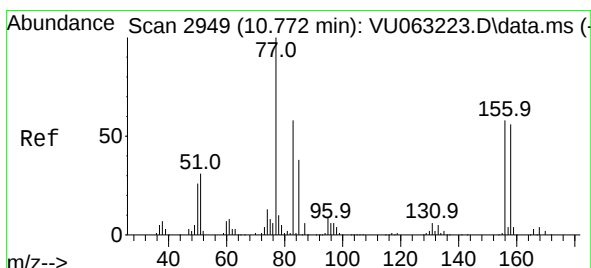
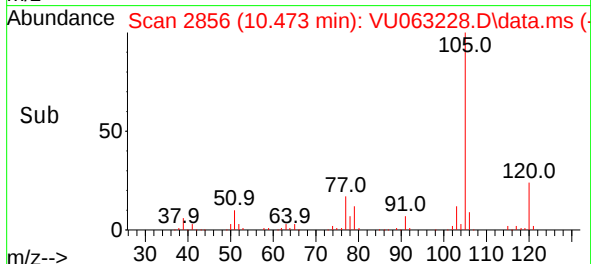
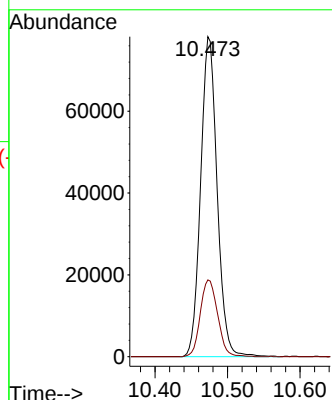
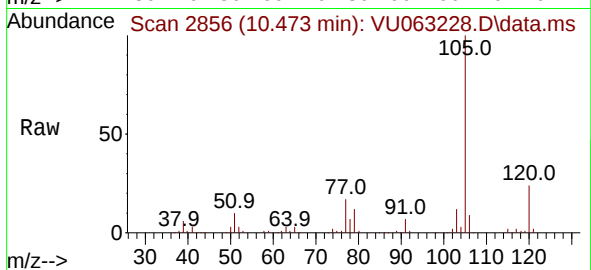
ClientSampleId :

Tgt Ion:105 Resp: 123443

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.4



#70

1,1,2,2-Tetrachloroethane

Concen: 2.114 ug/l

RT: 10.772 min Scan# 2949

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

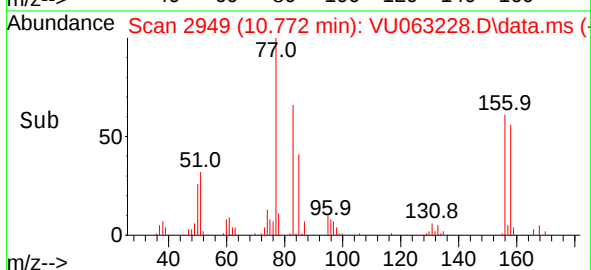
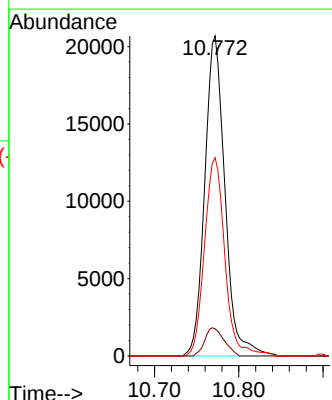
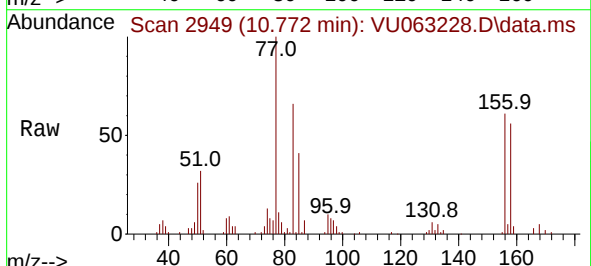
Tgt Ion: 83 Resp: 34525

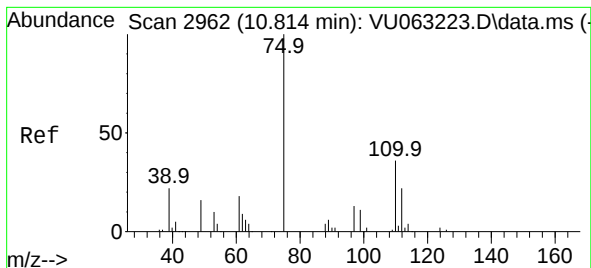
Ion Ratio Lower Upper

83 100

131 8.4 7.4 11.0

85 62.4 51.8 77.8





#71

1,2,3-Trichloropropane

Concen: 3.269 ug/l

RT: 10.814 min Scan# 2962

Delta R.T. -0.000 min

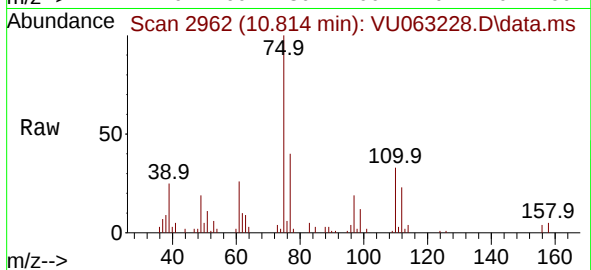
Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion: 75 Resp: 40106

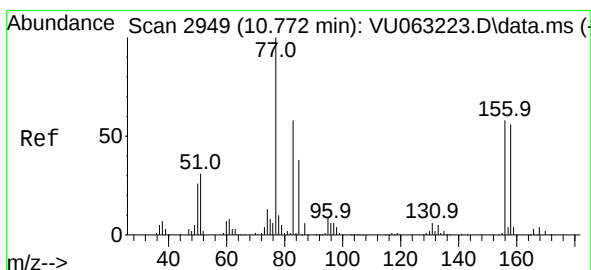
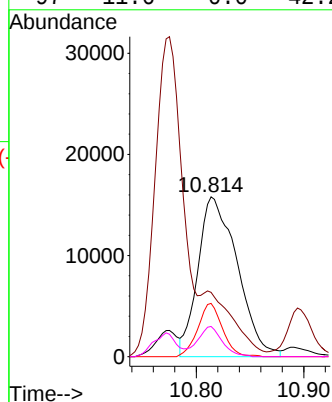
Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

110 21.0 0.0 77.0

97 11.6 0.0 42.2



#72

Bromobenzene

Concen: 2.039 ug/l

RT: 10.775 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

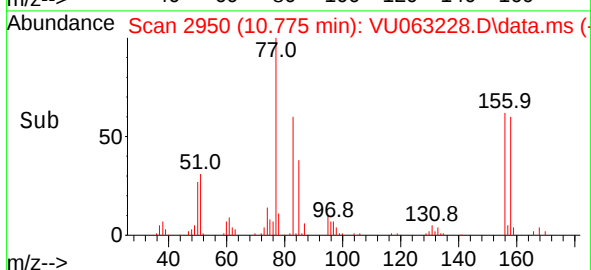
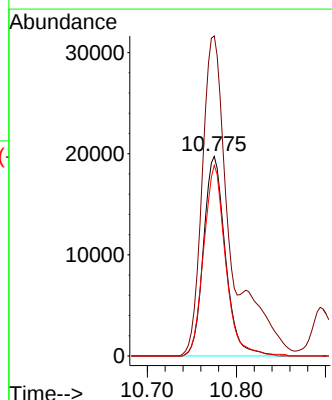
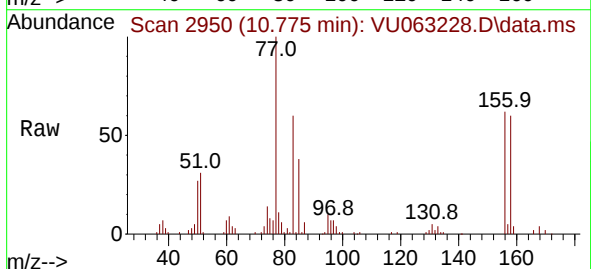
Tgt Ion:156 Resp: 33519

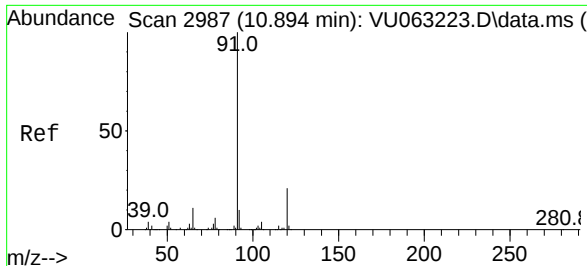
Ion Ratio Lower Upper

156 100

77 170.6 0.0 343.6

158 95.9 0.0 193.0

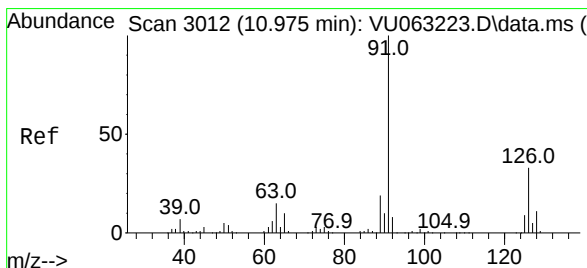
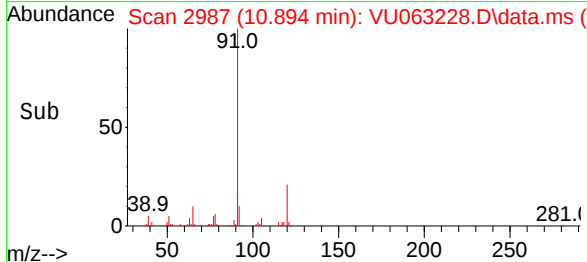
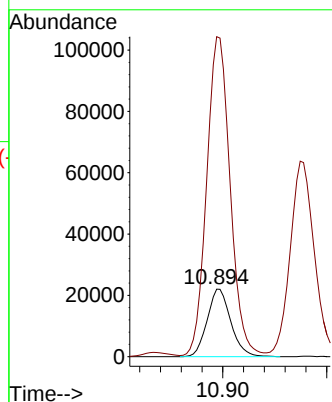
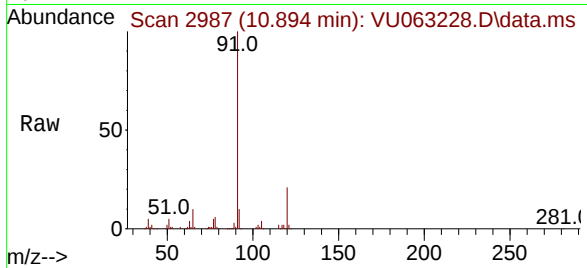




#73
n-propylbenzene
Concen: 1.984 ug/l
RT: 10.894 min Scan# 2987
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

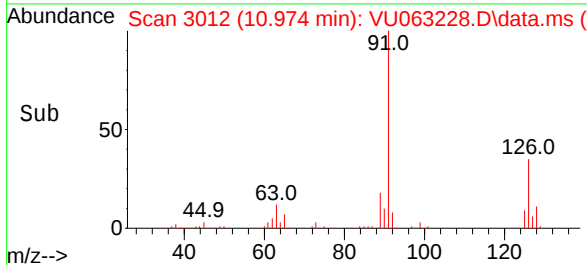
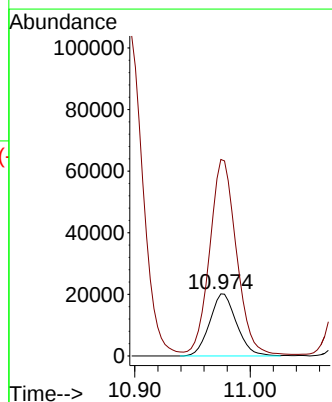
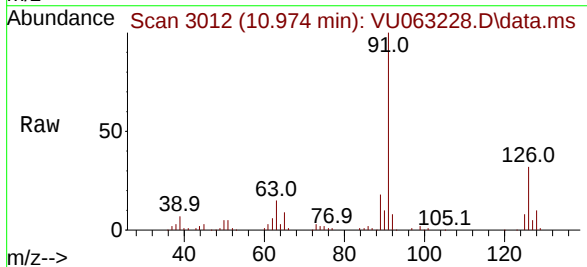
Instrument :
MSVOA_U
ClientSampleId :

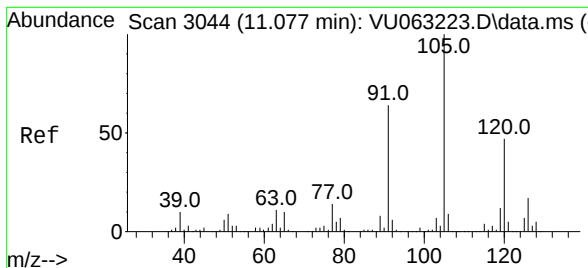
Tgt Ion:120 Resp: 34653
Ion Ratio Lower Upper
120 100
91 468.8 369.8 554.6



#74
2-Chlorotoluene
Concen: 2.026 ug/l
RT: 10.974 min Scan# 3012
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Tgt Ion:126 Resp: 32615
Ion Ratio Lower Upper
126 100
91 312.5 0.0 623.8

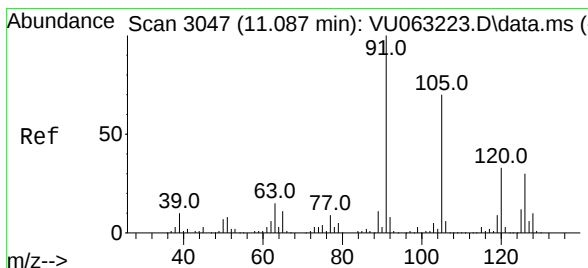
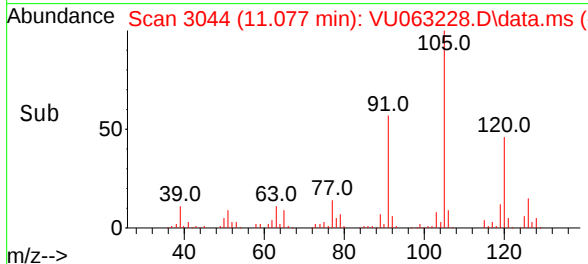
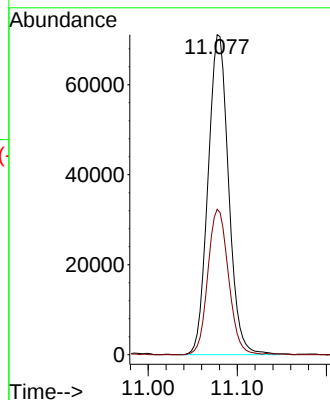
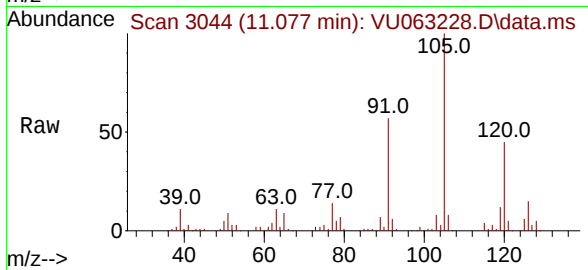




#75
1,3,5-Trimethylbenzene
Concen: 2.017 ug/l
RT: 11.077 min Scan# 3044
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

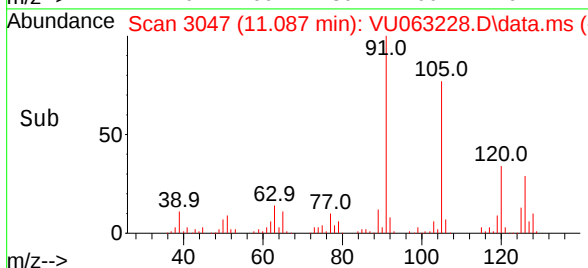
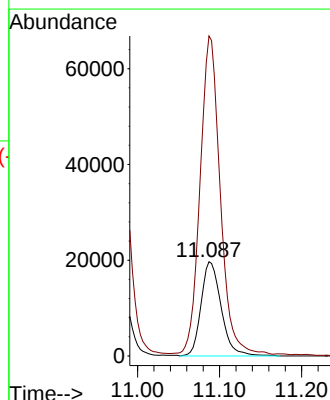
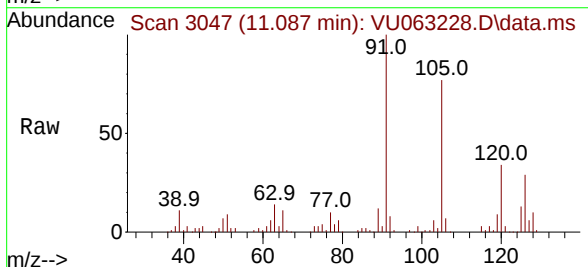
Instrument :
MSVOA_U
ClientSampleId :

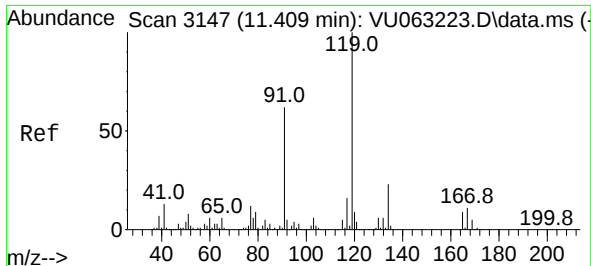
Tgt Ion:105 Resp: 114031
Ion Ratio Lower Upper
105 100
120 45.5 37.3 55.9



#76
4-Chlorotoluene
Concen: 2.028 ug/l
RT: 11.087 min Scan# 3047
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Tgt Ion:126 Resp: 33473
Ion Ratio Lower Upper
126 100
91 336.5 0.0 703.6

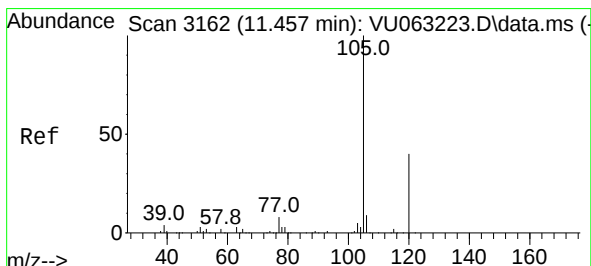
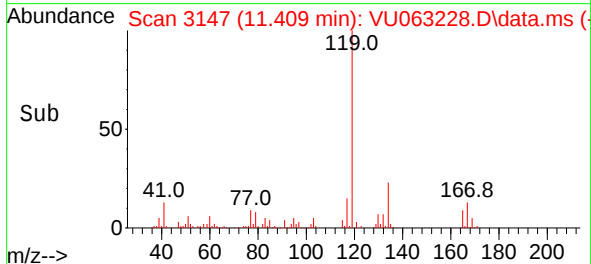
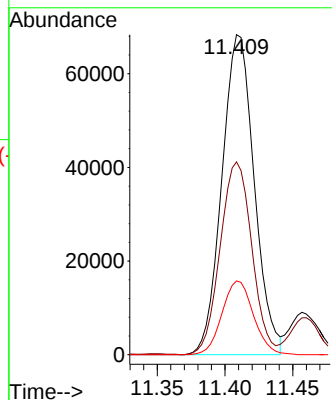
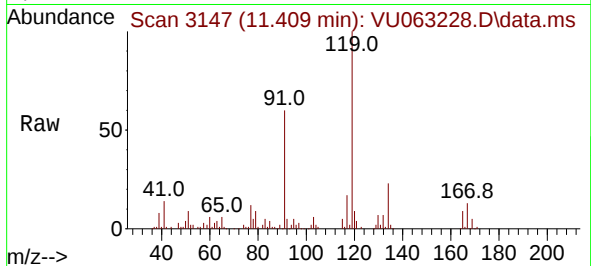




#77
tert-Butylbenzene
Concen: 1.984 ug/l
RT: 11.409 min Scan# 3147
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

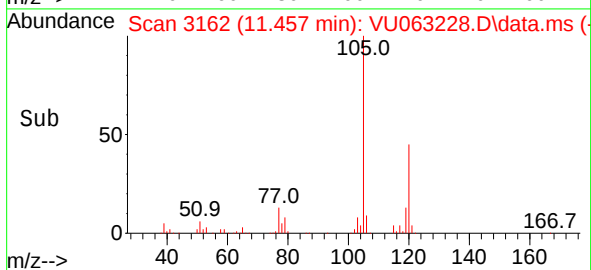
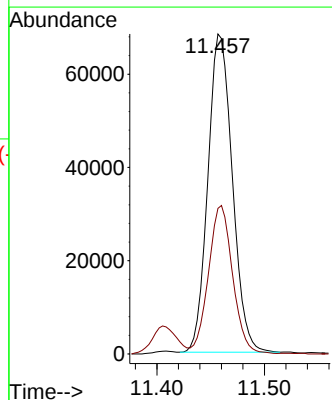
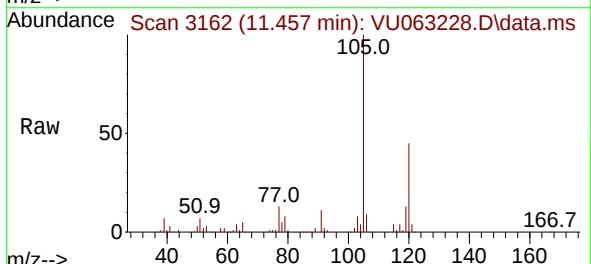
Instrument :
MSVOA_U
ClientSampleId :

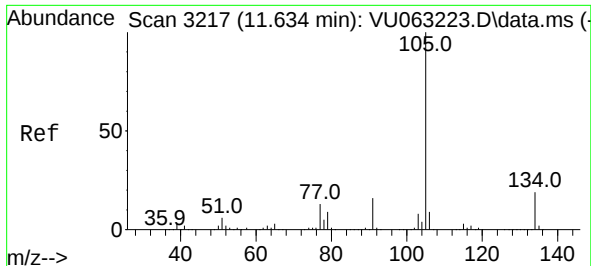
Tgt Ion:119 Resp: 113410
Ion Ratio Lower Upper
119 100
91 58.9 29.4 88.3
134 22.4 17.6 26.4



#78
1,2,4-Trimethylbenzene
Concen: 1.925 ug/l
RT: 11.457 min Scan# 3162
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Tgt Ion:105 Resp: 107972
Ion Ratio Lower Upper
105 100
120 46.0 21.9 65.7





#79

sec-Butylbenzene

Concen: 1.984 ug/l

RT: 11.634 min Scan# 3217

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

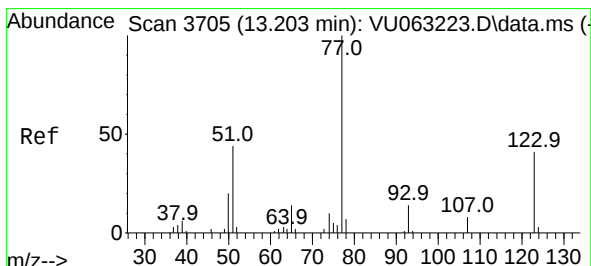
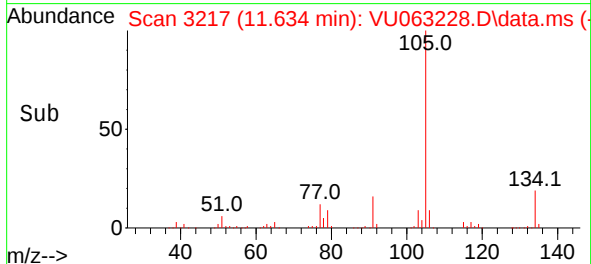
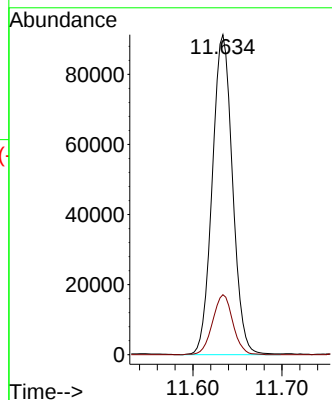
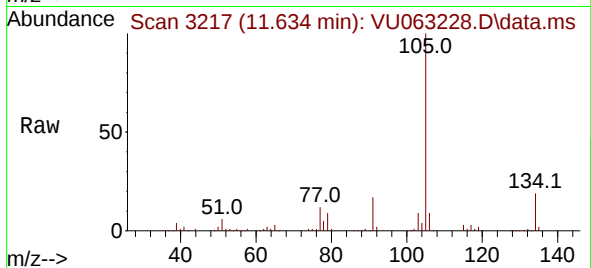
ClientSampleId :

Tgt Ion:105 Resp: 144446

Ion Ratio Lower Upper

105 100

134 18.8 15.1 22.7



#80

Nitrobenzene

Concen: 9.168 ug/l

RT: 13.216 min Scan# 3709

Delta R.T. 0.013 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

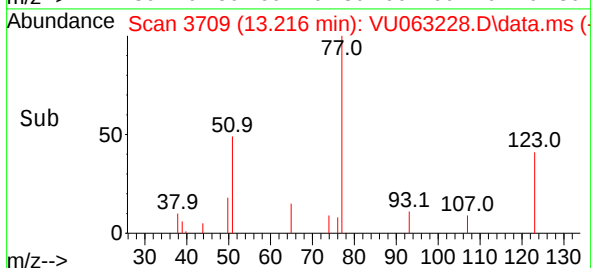
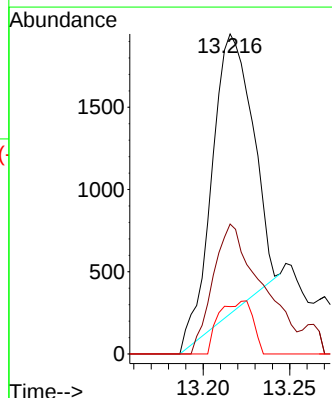
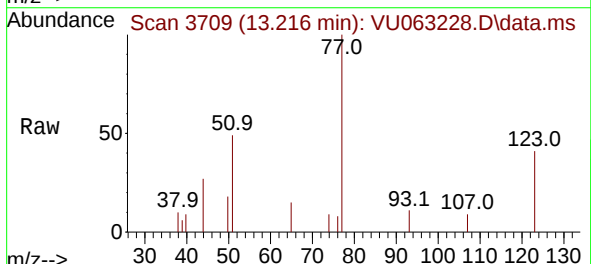
Tgt Ion: 77 Resp: 2792

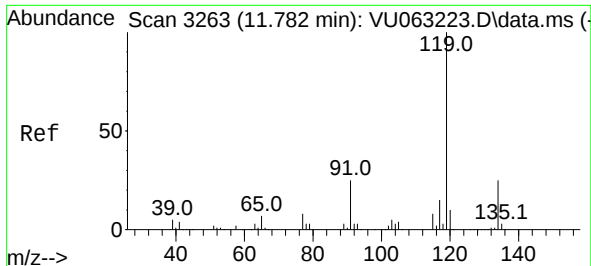
Ion Ratio Lower Upper

77 100

123 46.7 18.9 67.1

65 15.7 11.9 15.1#

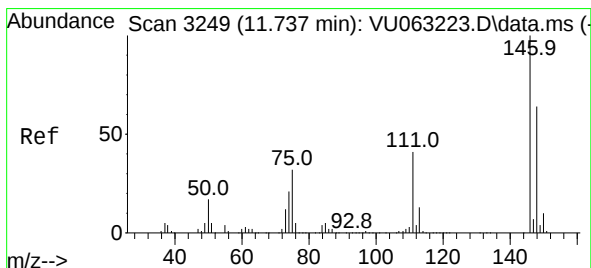
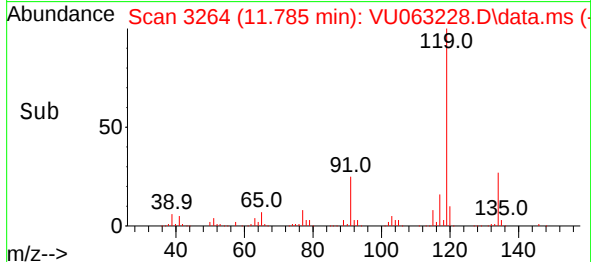
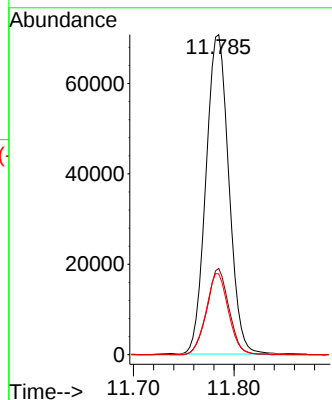
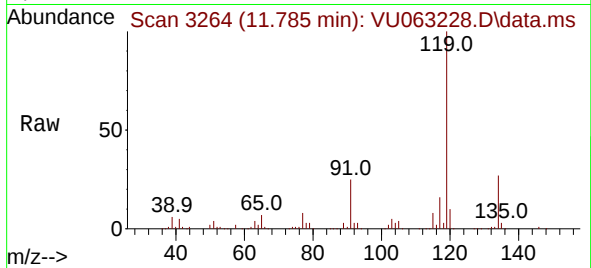




#81
p-Isopropyltoluene
Concen: 1.944 ug/l
RT: 11.785 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

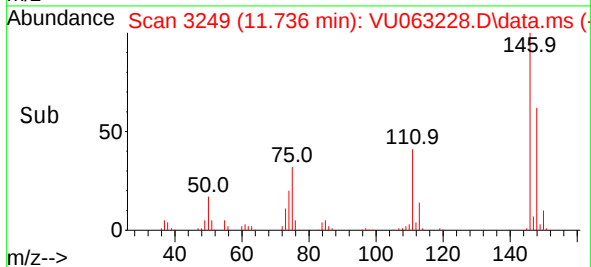
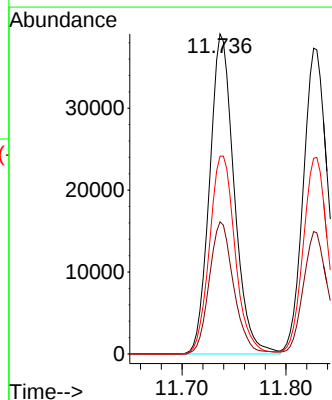
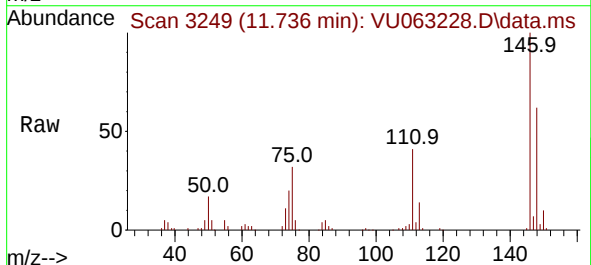
Instrument :
MSVOA_U
ClientSampleId :

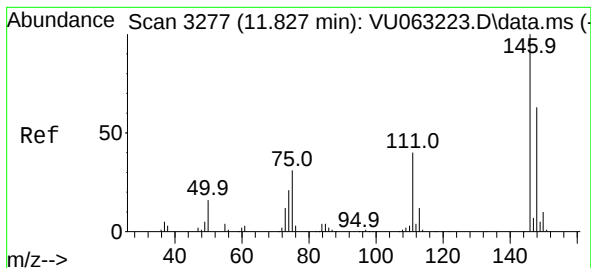
Tgt Ion:119 Resp: 111702
Ion Ratio Lower Upper
119 100
134 26.0 20.3 30.5
91 25.0 19.4 29.2



#82
1,3-Dichlorobenzene
Concen: 2.012 ug/l
RT: 11.736 min Scan# 3249
Delta R.T. -0.000 min
Lab File: VU063228.D
Acq: 10 Feb 2025 19:14

Tgt Ion:146 Resp: 64164
Ion Ratio Lower Upper
146 100
111 41.2 32.8 49.2
148 64.6 51.1 76.7





#83

1,4-Dichlorobenzene

Concen: 2.025 ug/l

RT: 11.826 min Scan# 3277

Delta R.T. -0.000 min

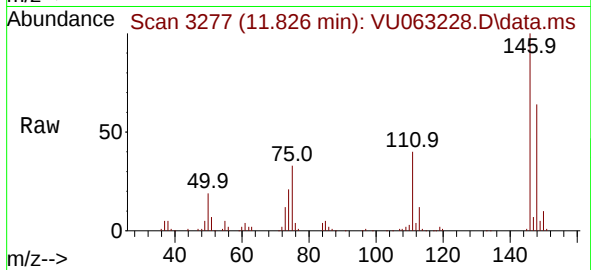
Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

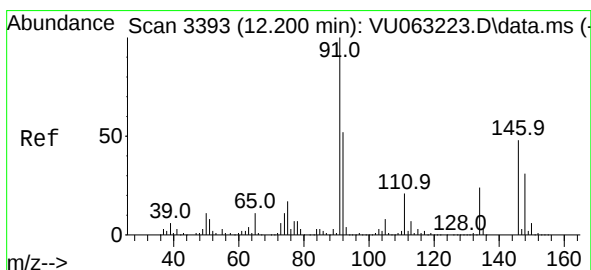
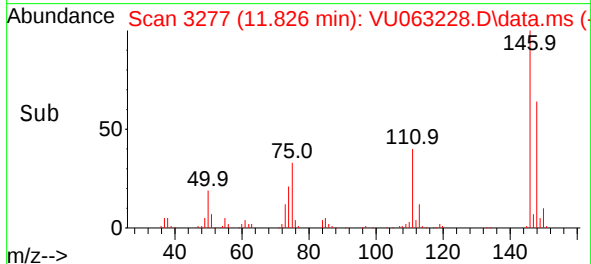
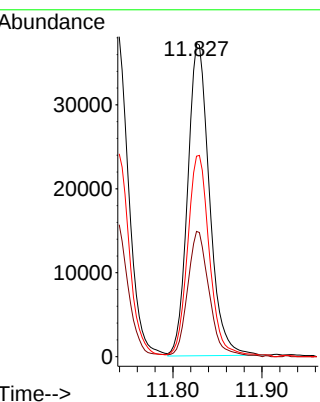
MSVOA_U

ClientSampleId :



Tgt Ion:146 Resp: 63161

Ion	Ratio	Lower	Upper
146	100		
111	39.7	32.1	48.1
148	65.4	50.2	75.4



#84

n-Butylbenzene

Concen: 1.958 ug/l

RT: 12.199 min Scan# 3393

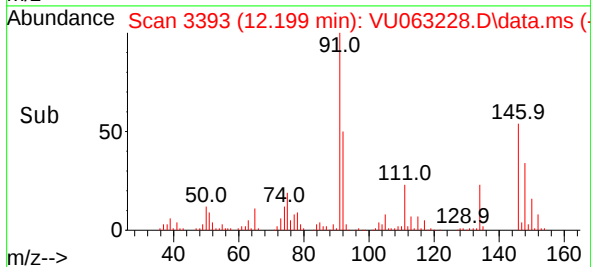
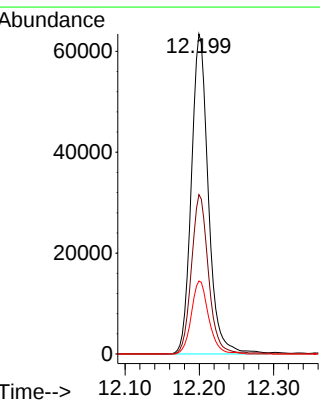
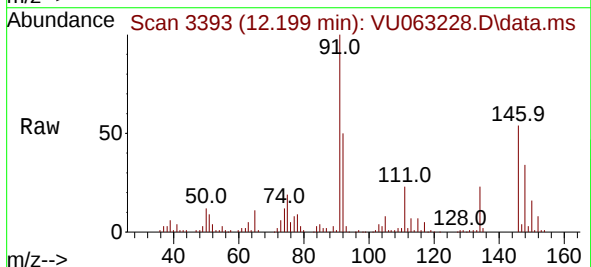
Delta R.T. -0.000 min

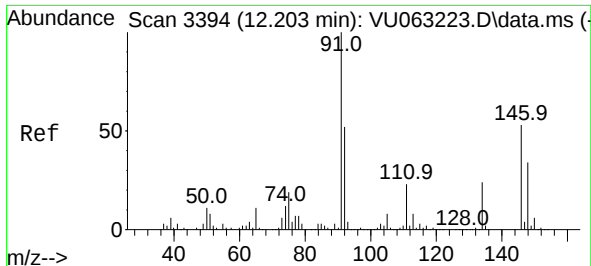
Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Tgt Ion: 91 Resp: 100870

Ion	Ratio	Lower	Upper
91	100		
92	49.8	41.8	62.8
134	23.2	18.6	28.0





#85

1,2-Dichlorobenzene

Concen: 2.078 ug/l

RT: 12.203 min Scan# 3394

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

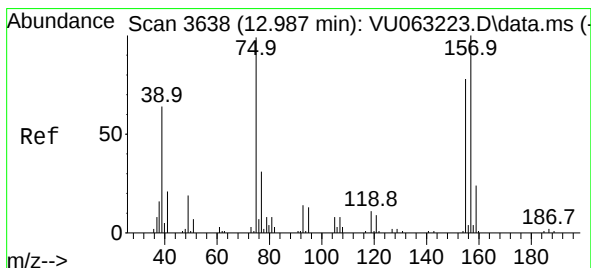
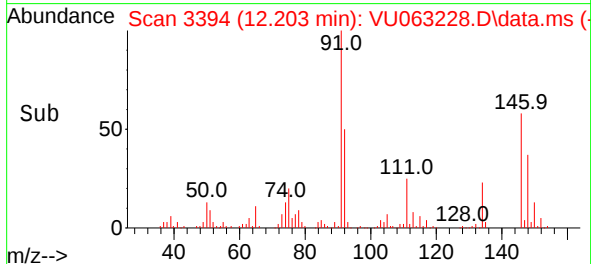
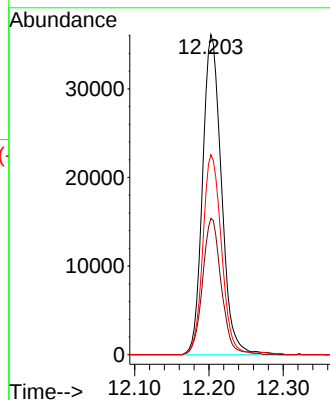
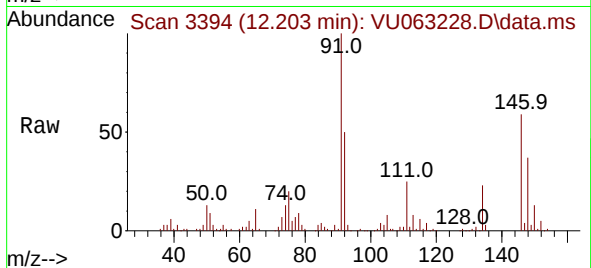
Tgt Ion:146 Resp: 63667

Ion Ratio Lower Upper

146 100

111 42.1 21.9 65.7

148 61.7 32.3 96.9



#86

1,2-Dibromo-3-Chloropropane

Concen: 2.264 ug/l

RT: 12.990 min Scan# 3639

Delta R.T. 0.003 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

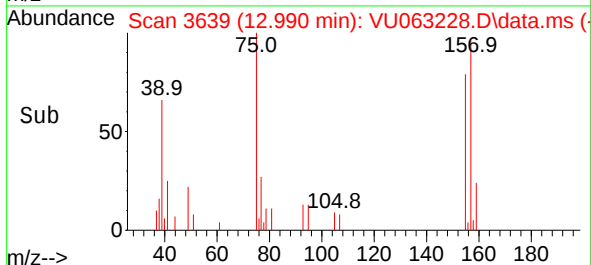
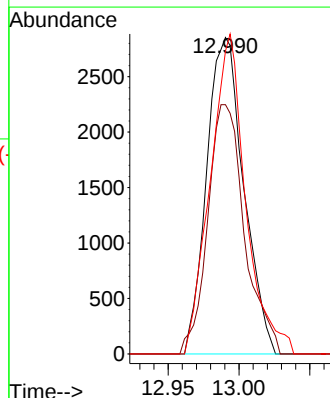
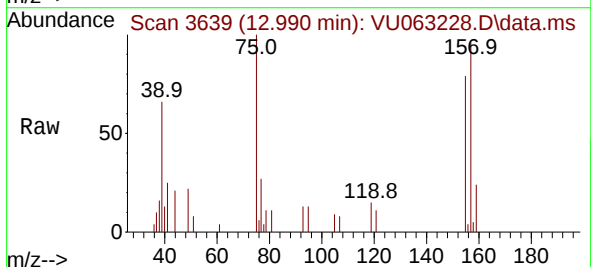
Tgt Ion: 75 Resp: 5190

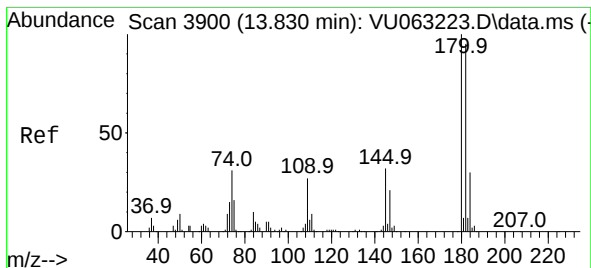
Ion Ratio Lower Upper

75 100

155 78.2 63.5 95.3

157 96.8 81.8 122.6





#87

1,2,4-Trichlorobenzene

Concen: 2.135 ug/l

RT: 13.833 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU063228.D

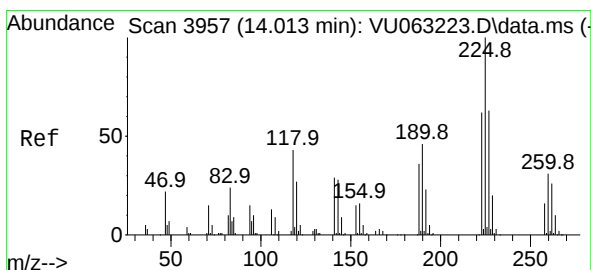
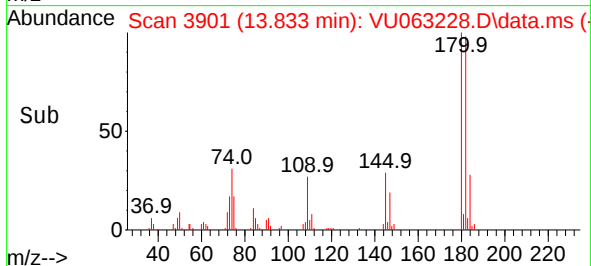
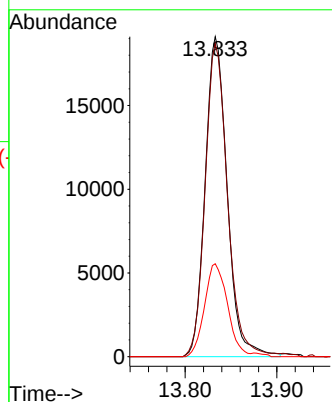
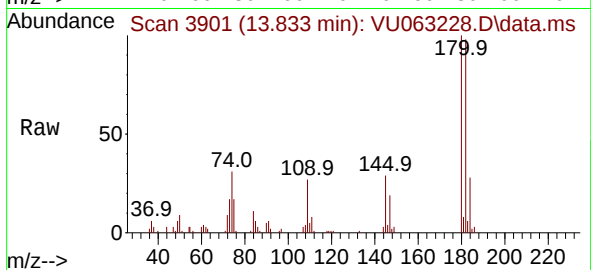
Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180	Resp:	31911
Ion Ratio	Lower	Upper
180	100	
182	99.7	76.6 115.0
145	30.3	25.4 38.2



#88

Hexachlorobutadiene

Concen: 1.959 ug/l

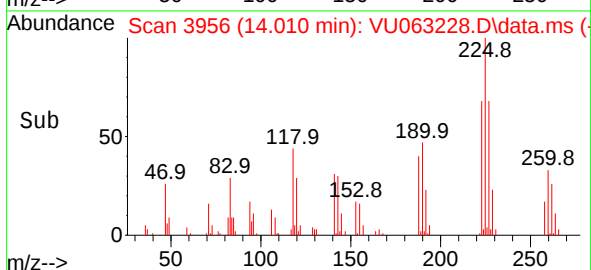
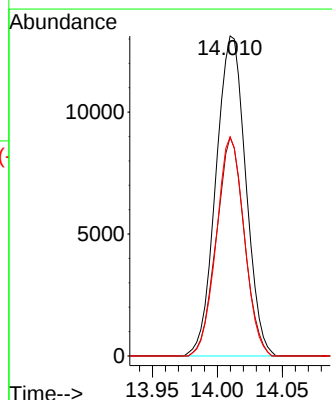
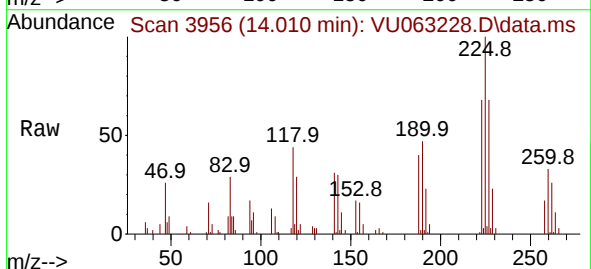
RT: 14.010 min Scan# 3956

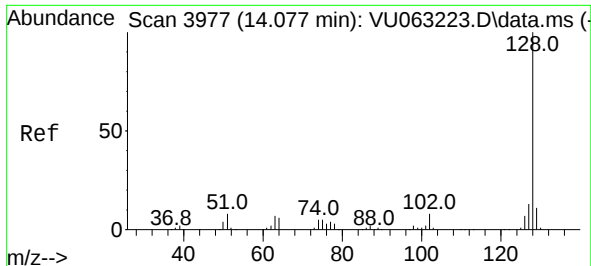
Delta R.T. -0.003 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Tgt Ion:225	Resp:	20925
Ion Ratio	Lower	Upper
225	100	
223	63.9	49.5 74.3
227	63.8	51.0 76.4





#89

Naphthalene

Concen: 2.312 ug/l

RT: 14.084 min Scan# 3979

Delta R.T. 0.006 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Instrument :

MSVOA_U

ClientSampleId :

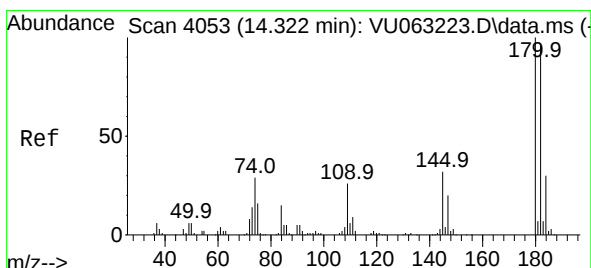
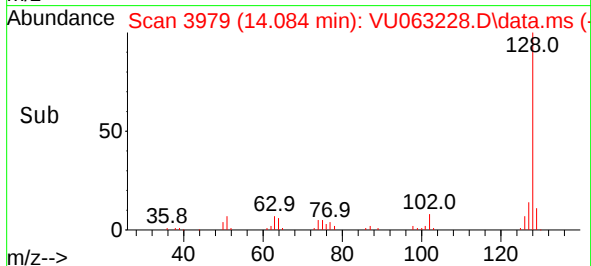
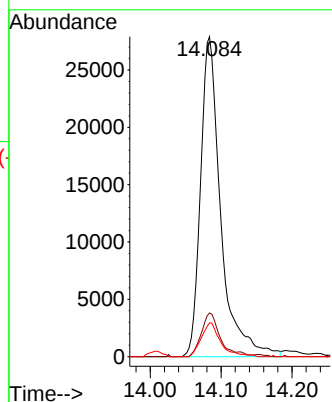
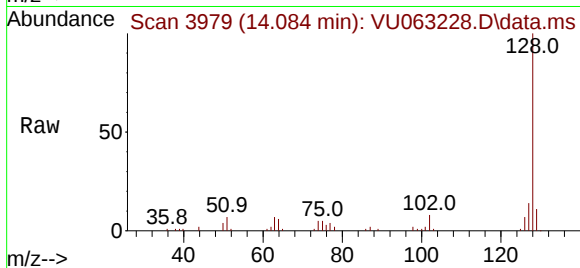
Tgt Ion:128 Resp: 55294

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 10.1 8.6 13.0



#90

1,2,3-Trichlorobenzene

Concen: 2.170 ug/l

RT: 14.322 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VU063228.D

Acq: 10 Feb 2025 19:14

Tgt Ion:180 Resp: 31735

Ion Ratio Lower Upper

180 100

182 96.4 78.2 117.2

145 32.6 26.1 39.1

