

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111721\
 Data File : VU045854.D
 Acq On : 17 Nov 2021 20:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 18 02:24:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	98506	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	103287	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	54249	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	18182	2.330	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	46.600%
7) Chloroethane-d5	1.916	69	17509	3.082	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	61.600%#
11) 1,1-Dichloroethene-d2	2.572	65	9069	2.771	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.400%#
20) 2-Butanone-d5	4.642	46	105403	50.396	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.800%
24) Chloroform-d	5.070	84	47219	3.631	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.600%
26) 1,2-Dichloroethane-d4	5.707	65	28766	3.771	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.400%
32) Benzene-d6	5.729	84	88127	3.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.000%#
36) 1,2-Dichloropropane-d6	6.694	67	30688	3.423	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.400%
41) Toluene-d8	7.899	98	76588	2.977	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.600%#
43) trans-1,3-Dichloroprop...	8.182	79	12570	3.454	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.000%
46) 2-Hexanone-d5	8.636	63	74219	45.312	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32887	4.342	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	33432	3.589	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	71.800%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	36619	4.566	ug/L	100
3) Chloromethane	1.520	50	31953	3.759	ug/L	99
5) Vinyl chloride	1.604	62	36503	4.279	ug/L	99
6) Bromomethane	1.861	94	10045	1.985	ug/L	100
8) Chloroethane	1.938	64	23396	4.810	ug/L	100
9) Trichlorofluoromethane	2.141	101	52353	4.754	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	30810	4.771	ug/L	99
12) 1,1-Dichloroethene	2.584	96	28048	4.600	ug/L #	79
13) Acetone	2.658	43	57290	46.539	ug/L	99
14) Carbon disulfide	2.797	76	84306	4.372	ug/L	99
15) Methyl Acetate	2.961	43	13921	4.609	ug/L	91
16) Methylene chloride	3.051	84	33311	3.700	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	74731	4.708	ug/L	100
18) trans-1,2-Dichloroethene	3.356	96	30209	4.622	ug/L	96
19) 1,1-Dichloroethane	3.874	63	57456	4.692	ug/L	100
21) 2-Butanone	4.719	43	99008	47.801	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	33590	4.740	ug/L	96
23) Bromochloromethane	4.980	128	15434	4.996	ug/L	97
25) Chloroform	5.092	83	62946	4.738	ug/L	95

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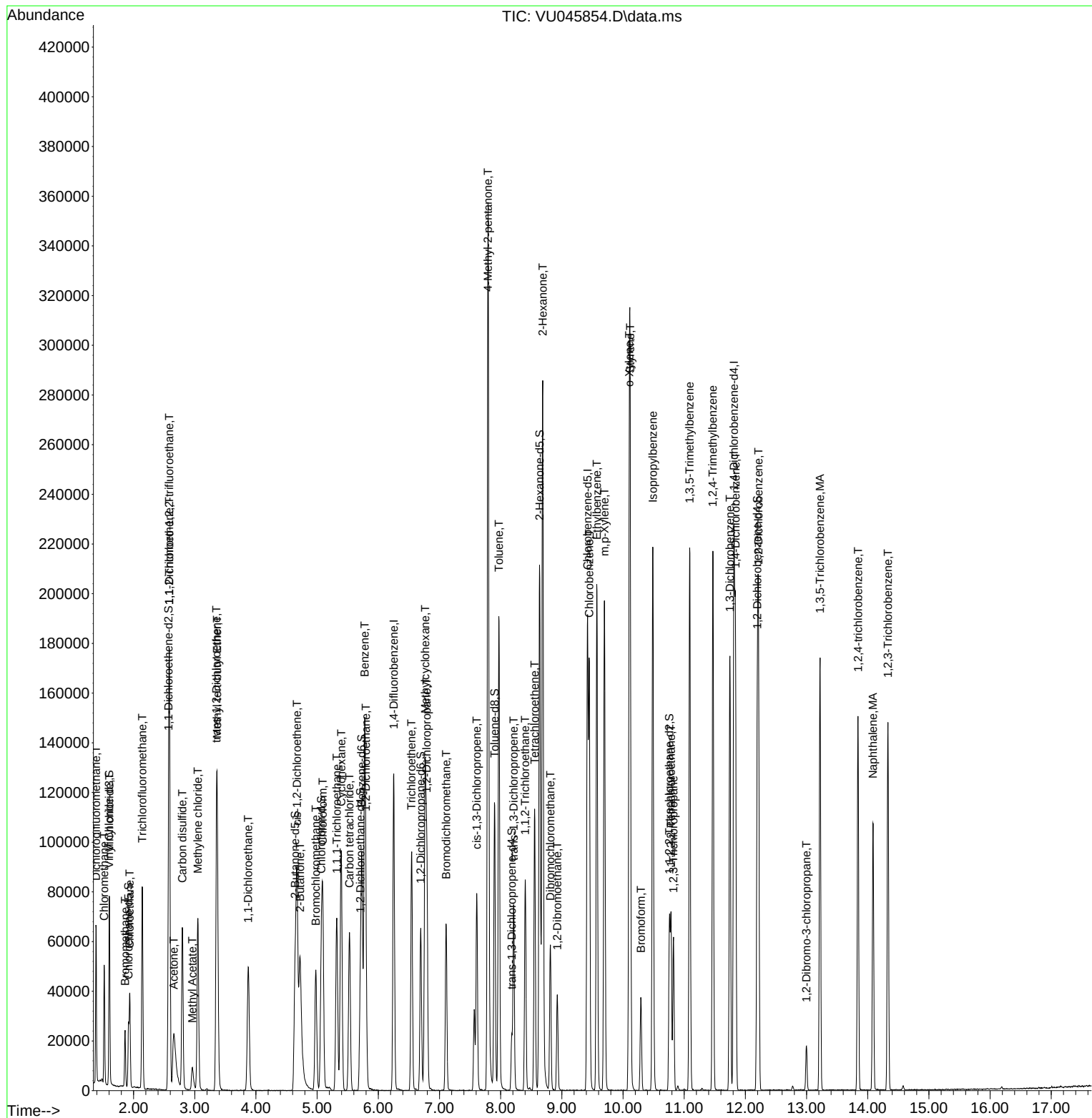
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	40266	4.750	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	52307	4.661	ug/L	98
30) Cyclohexane	5.395	56	47448	4.263	ug/L	99
31) Carbon tetrachloride	5.530	117	43291	4.587	ug/L	99
33) Benzene	5.777	78	128585	4.461	ug/L	100
34) Trichloroethene	6.543	95	33827	4.554	ug/L	93
35) Methylcyclohexane	6.768	83	48903	4.287	ug/L	99
37) 1,2-Dichloropropane	6.793	63	34987	4.613	ug/L	99
38) Bromodichloromethane	7.108	83	44332	4.737	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	47905	4.444	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	235640	47.364	ug/L	99
42) Toluene	7.970	91	138085	4.641	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	41591	4.435	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	26206	4.654	ug/L	98
47) Tetrachloroethene	8.555	164	23814	4.580	ug/L	99
48) 2-Hexanone	8.687	43	177250	49.316	ug/L	99
49) Dibromochloromethane	8.813	129	29898	4.662	ug/L	95
50) 1,2-Dibromoethane	8.925	107	25327	4.774	ug/L	95
51) Chlorobenzene	9.449	112	87563	4.692	ug/L	100
52) Ethylbenzene	9.571	91	146462	4.703	ug/L	100
53) m,p-Xylene	9.697	106	58150	4.875	ug/L	96
54) o-Xylene	10.102	106	54827	4.763	ug/L	94
55) Styrene	10.118	104	97030	5.007	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.784	83	34522	4.787	ug/L	95
59) Bromoform	10.292	173	16018	4.458	ug/L	98
60) Isopropylbenzene	10.488	105	149038	4.680	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	25872	4.594	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	119077	4.573	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	120361	4.613	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	69563	4.682	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	71074	4.709	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	67205	4.718	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	4840	4.131	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	50269	4.523	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	43322	4.607	ug/L	99
71) Naphthalene	14.086	128	83854	4.340	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	42767	4.570	ug/L	99

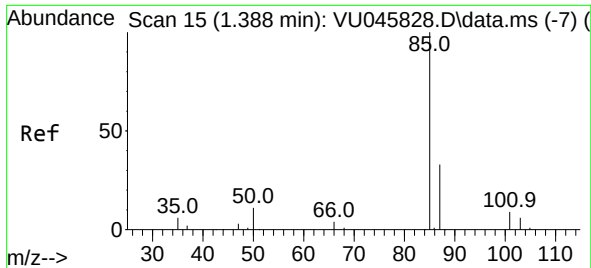
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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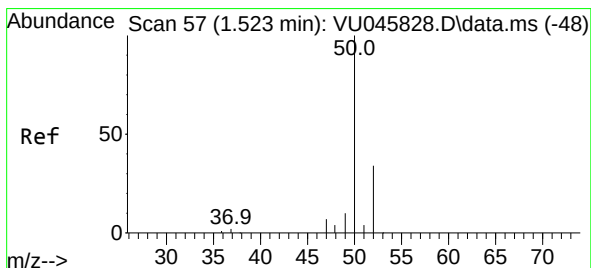
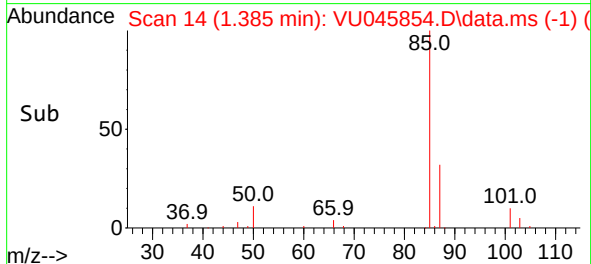
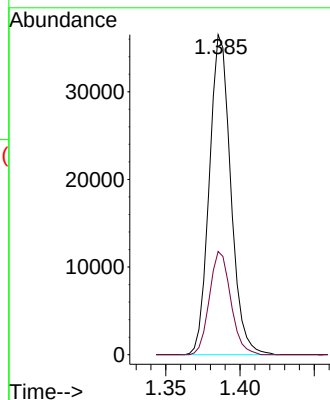
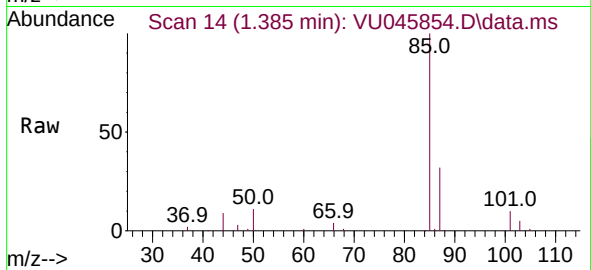




#2
 Dichlorodifluoromethane
 Concen: 4.566 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU045854.D
 Acq: 17 Nov 2021 20:53

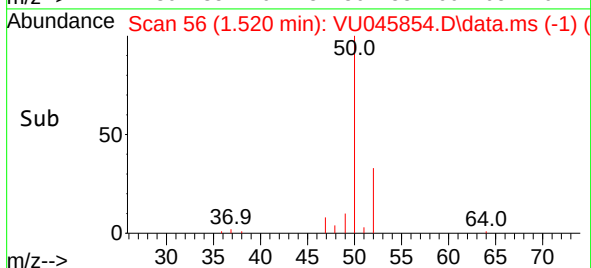
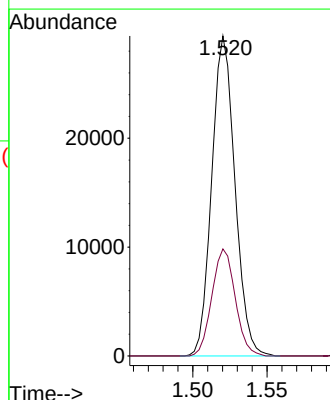
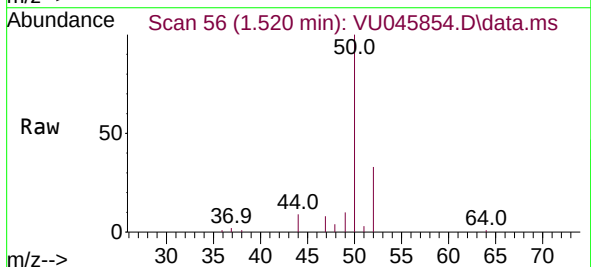
Instrument :
 MSVOA_U
 ClientSampleId :

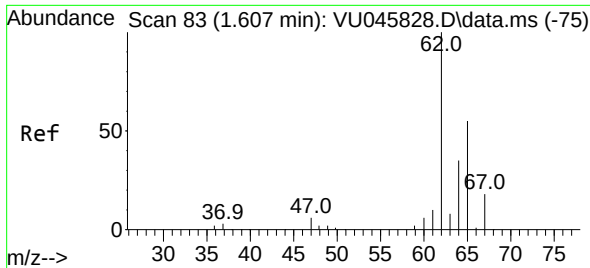
Tgt Ion: 85 Resp: 36619
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.6



#3
 Chloromethane
 Concen: 3.759 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU045854.D
 Acq: 17 Nov 2021 20:53

Tgt Ion: 50 Resp: 31953
 Ion Ratio Lower Upper
 50 100
 52 33.4 23.0 42.8

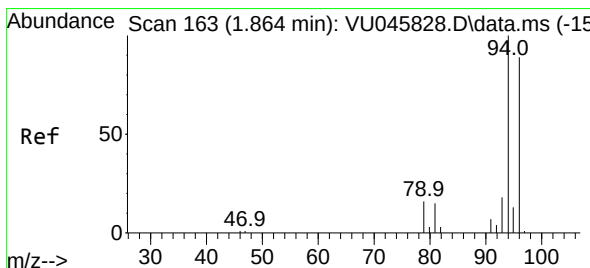
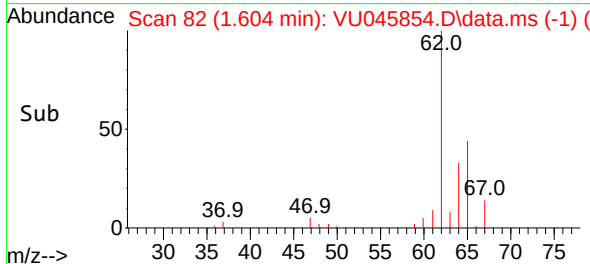
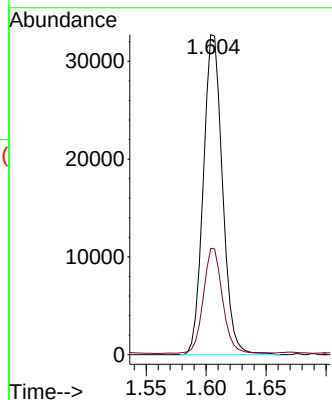
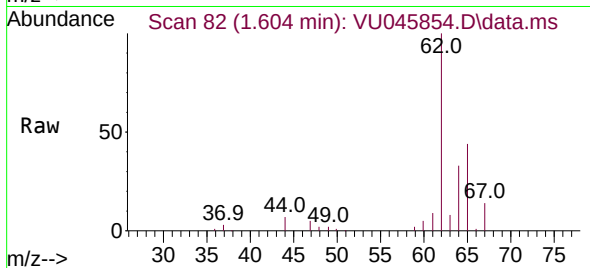




#5
 Vinyl chloride
 Concen: 4.279 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU045854.D
 Acq: 17 Nov 2021 20:53

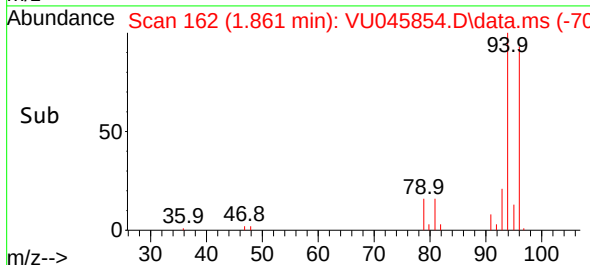
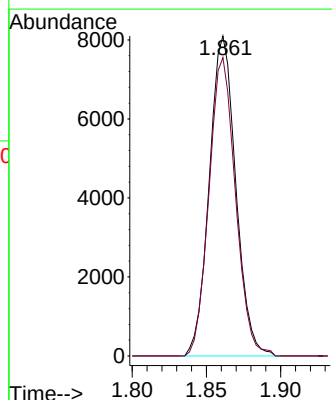
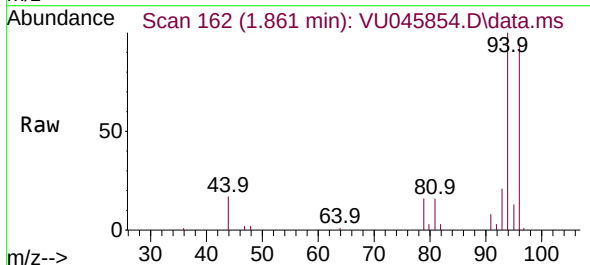
Instrument :
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 ClientSampleId :

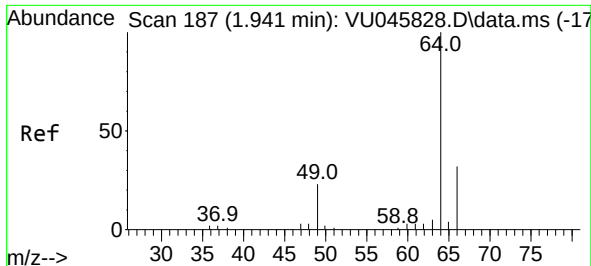
Tgt Ion: 62 Resp: 36503
 Ion Ratio Lower Upper
 62 100
 64 33.3 22.9 42.5



#6
 Bromomethane
 Concen: 1.985 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU045854.D
 Acq: 17 Nov 2021 20:53

Tgt Ion: 94 Resp: 10045
 Ion Ratio Lower Upper
 94 100
 96 93.2 65.5 121.6

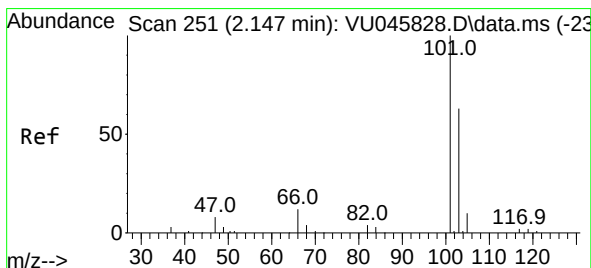
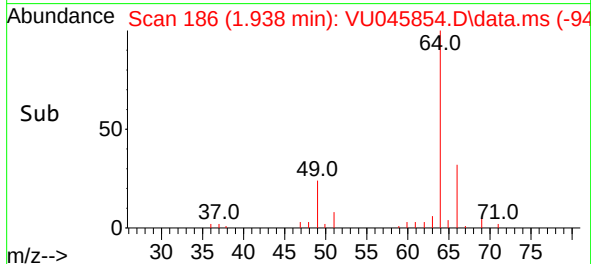
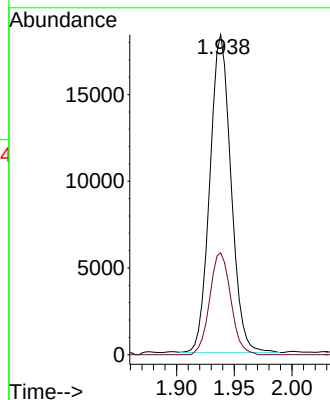
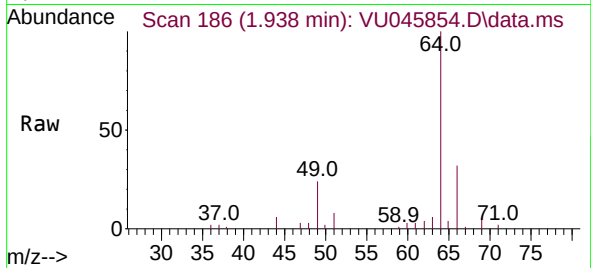




#8
Chloroethane
Concen: 4.810 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

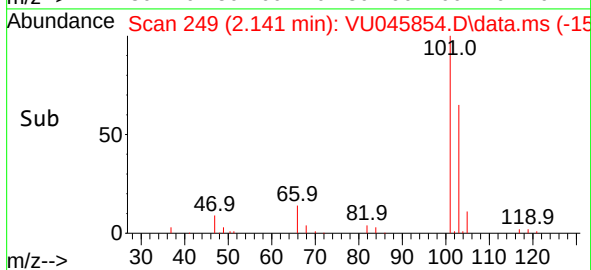
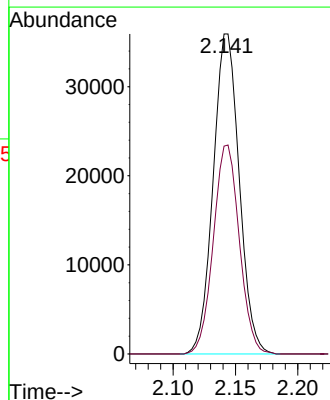
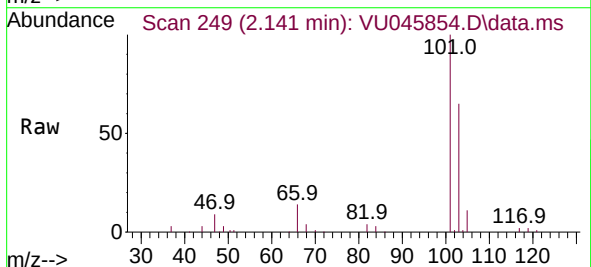
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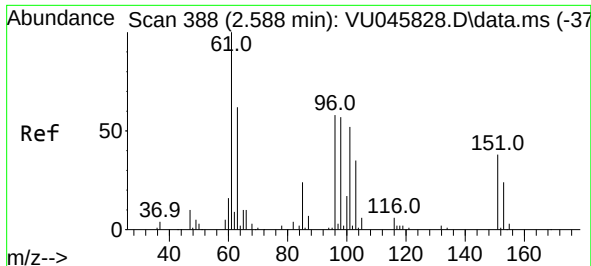
Tgt Ion: 64 Resp: 23396
Ion Ratio Lower Upper
64 100
66 31.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.754 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.006 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

Tgt Ion:101 Resp: 52353
Ion Ratio Lower Upper
101 100
103 65.0 51.5 77.3

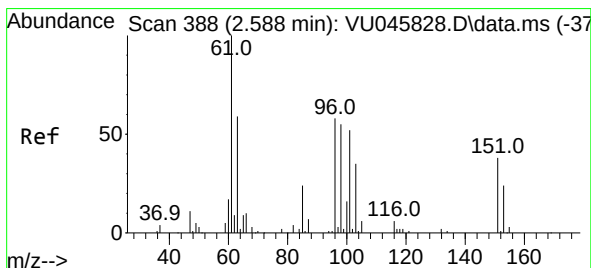
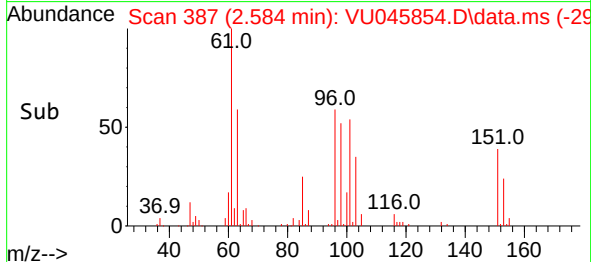
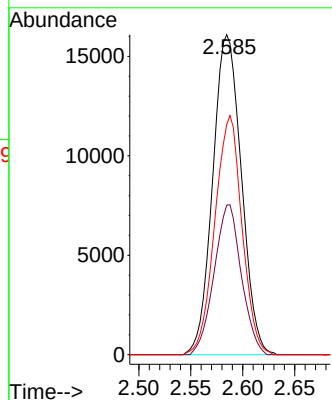
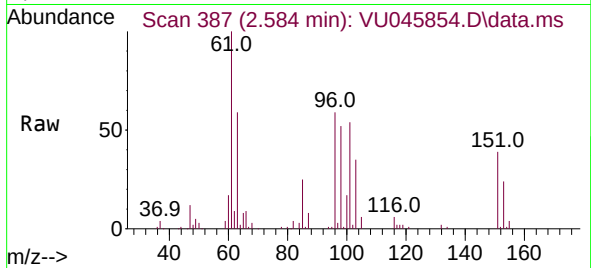




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.771 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU045854.D
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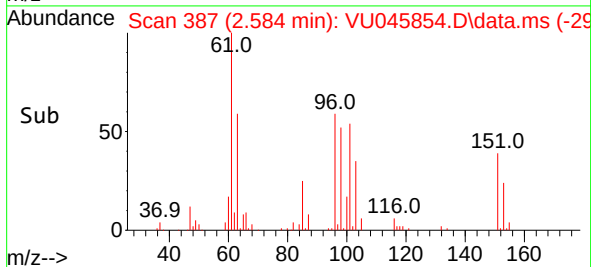
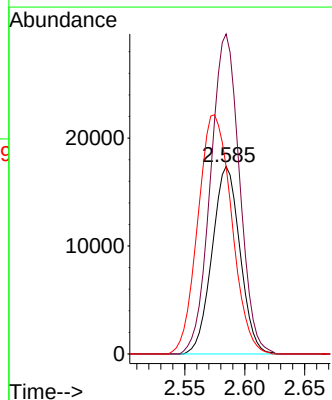
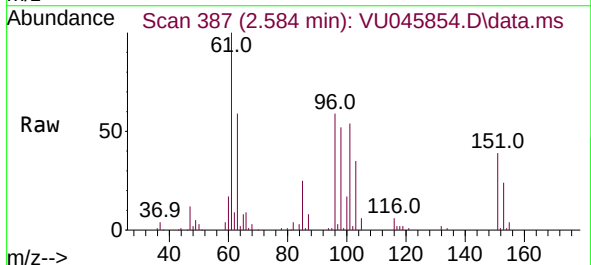
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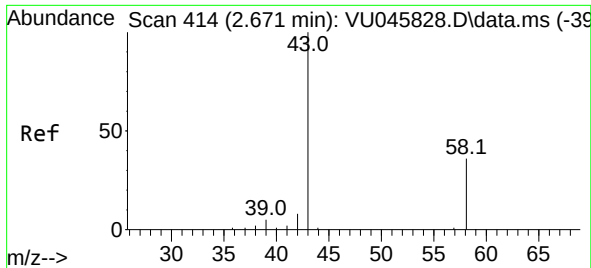
Tgt Ion:101 Resp: 30810
 Ion Ratio Lower Upper
 101 100
 85 44.6 34.6 51.8
 151 71.0 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 4.600 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU045854.D
 Acq: 17 Nov 2021 20:53

Tgt Ion: 96 Resp: 28048
 Ion Ratio Lower Upper
 96 100
 61 170.7 124.7 231.5
 63 100.0 105.2 195.4#





#13

Acetone

Concen: 46.539 ug/L

RT: 2.658 min Scan# 41

Delta R.T. -0.013 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

Instrument :

MSVOA_U

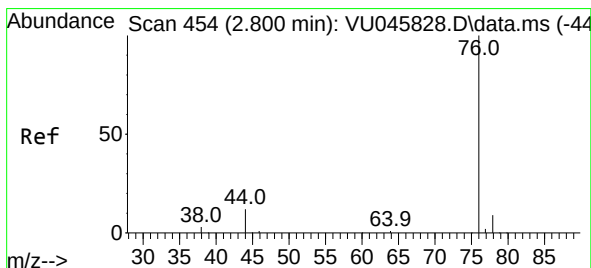
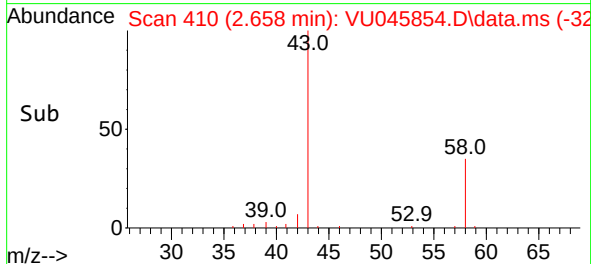
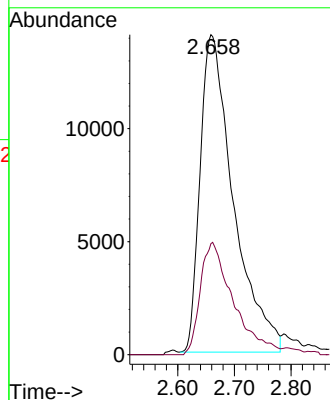
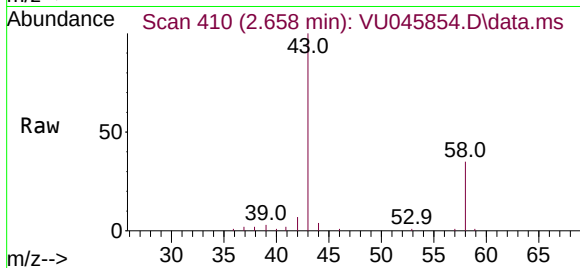
ClientSampleId :

Tgt Ion: 43 Resp: 57290

Ion Ratio Lower Upper

43 100

58 35.0 0.0 71.6



#14

Carbon disulfide

Concen: 4.372 ug/L

RT: 2.797 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU045854.D

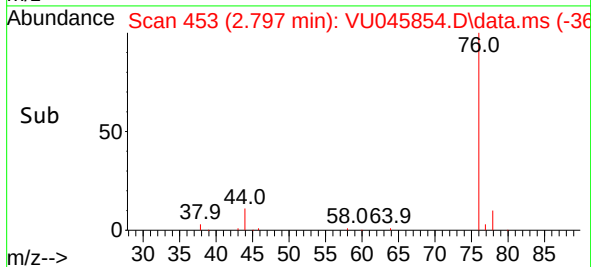
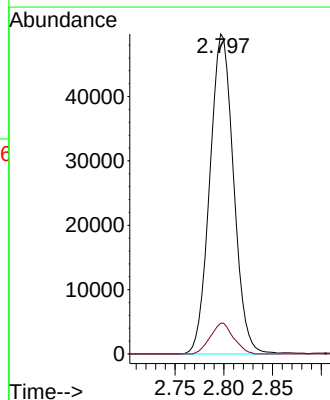
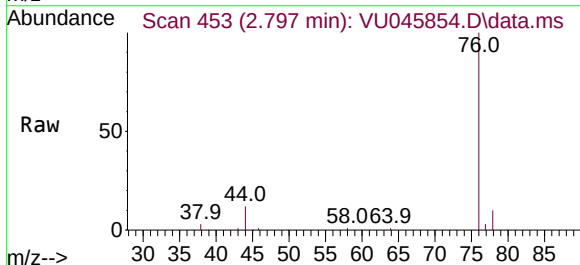
Acq: 17 Nov 2021 20:53

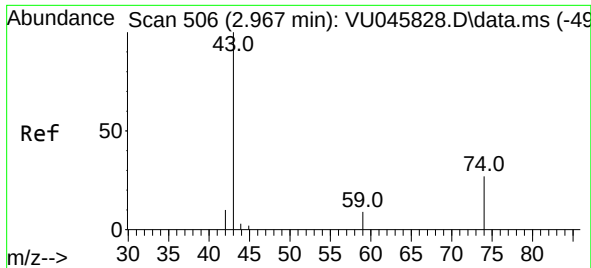
Tgt Ion: 76 Resp: 84306

Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

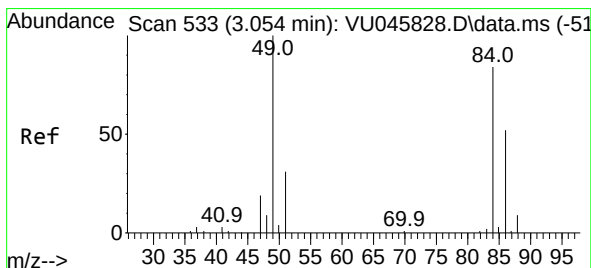
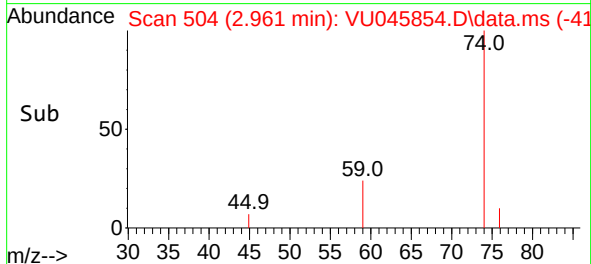
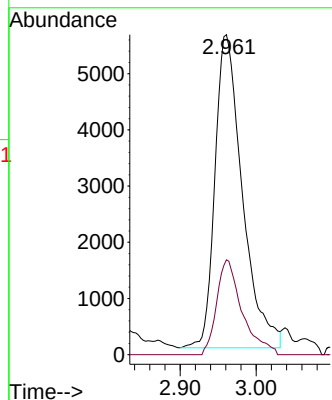
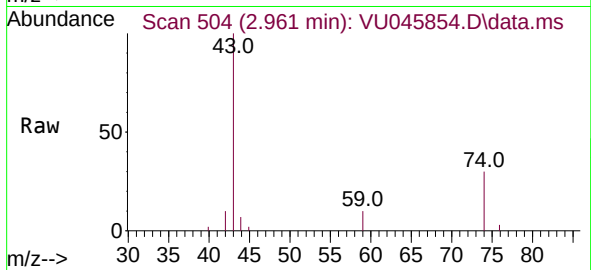




#15
Methyl Acetate
Concen: 4.609 ug/L
RT: 2.961 min Scan# 506
Delta R.T. -0.006 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

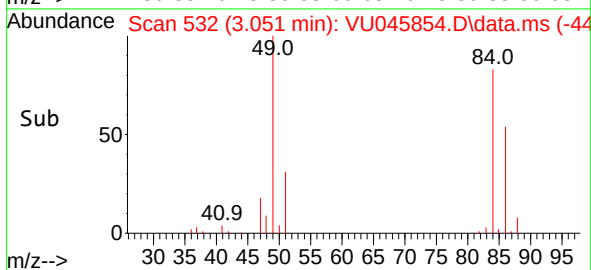
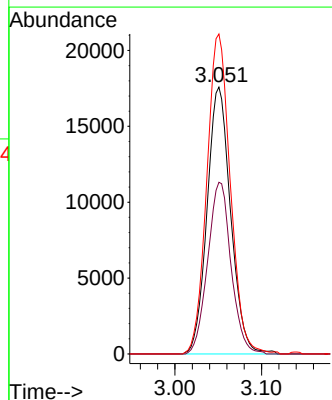
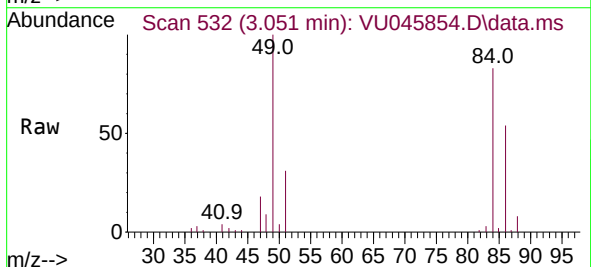
Instrument :
MSVOA_U
ClientSampleId :

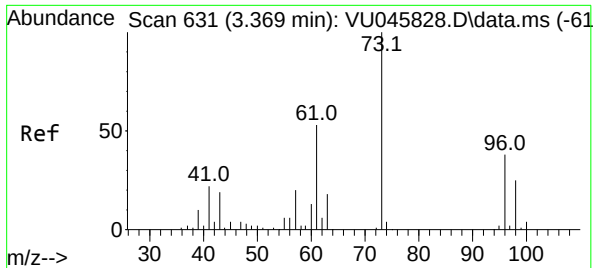
Tgt Ion: 43 Resp: 13921
Ion Ratio Lower Upper
43 100
74 28.1 19.1 28.7



#16
Methylene chloride
Concen: 3.700 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

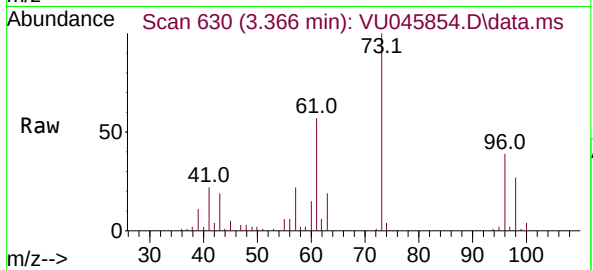
Tgt Ion: 84 Resp: 33311
Ion Ratio Lower Upper
84 100
86 64.3 45.8 85.0
49 119.9 84.5 156.9



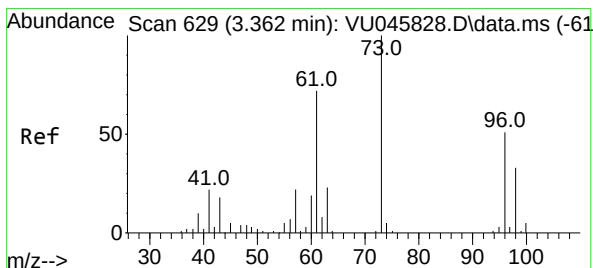
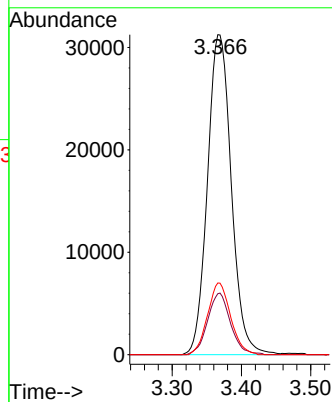
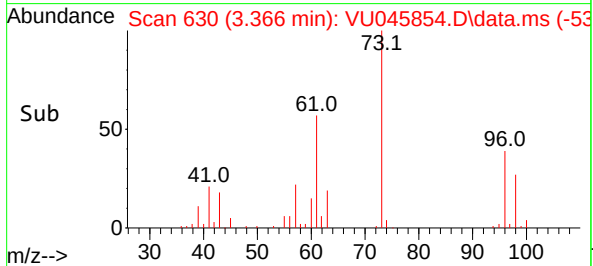


#17
Methyl tert-butyl Ether
Concen: 4.708 ug/L
RT: 3.366 min Scan# 61
Delta R.T. -0.003 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

Instrument :
MSVOA_U
ClientSampleId :

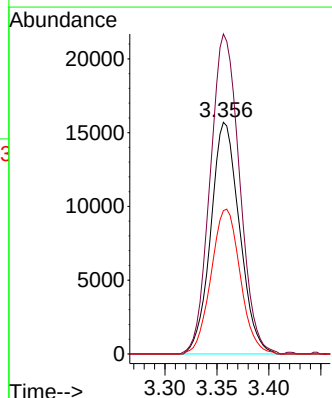
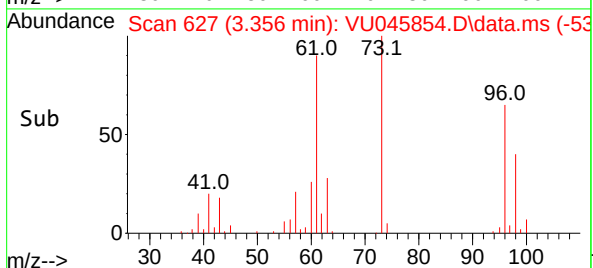
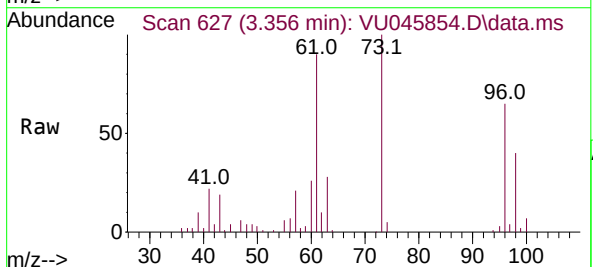


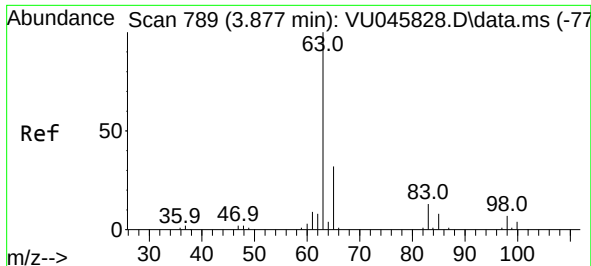
Tgt Ion: 73 Resp: 74731
Ion Ratio Lower Upper
73 100
43 18.5 14.8 22.2
57 21.6 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.622 ug/L
RT: 3.356 min Scan# 627
Delta R.T. -0.006 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

Tgt Ion: 96 Resp: 30209
Ion Ratio Lower Upper
96 100
61 138.1 100.8 187.2
98 61.9 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.692 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU045854.D

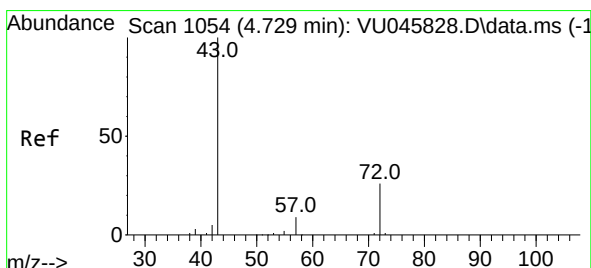
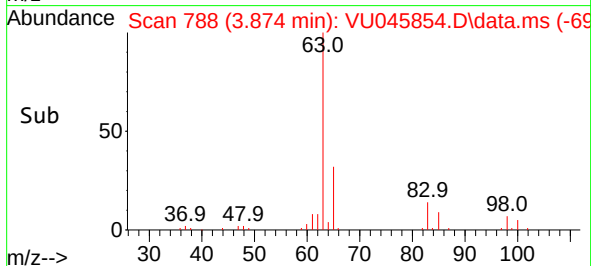
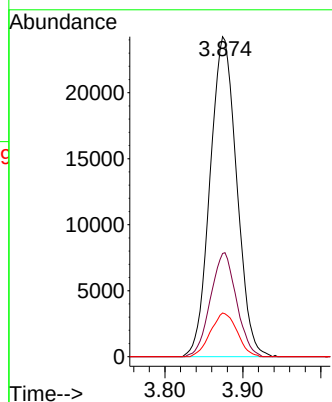
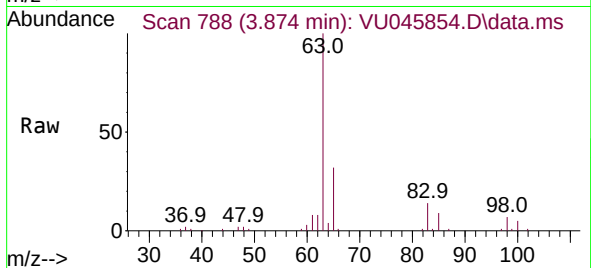
Acq: 17 Nov 2021 20:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	57456
Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.3	41.5
83	13.7	9.6	17.8



#21

2-Butanone

Concen: 47.801 ug/L

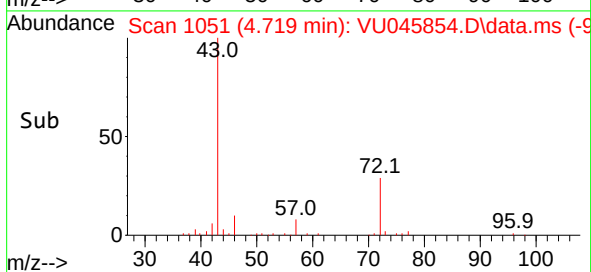
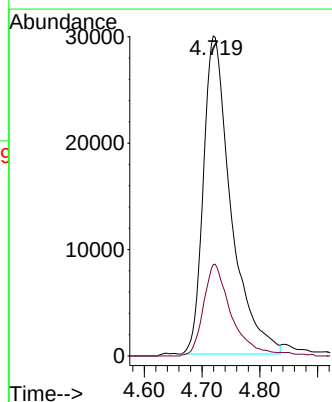
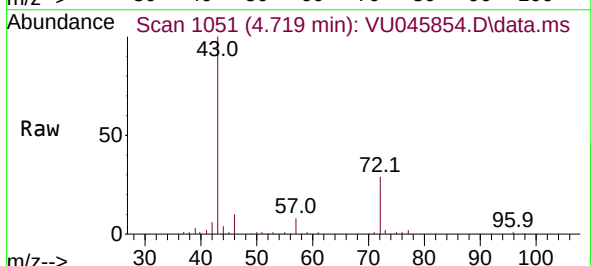
RT: 4.719 min Scan# 1051

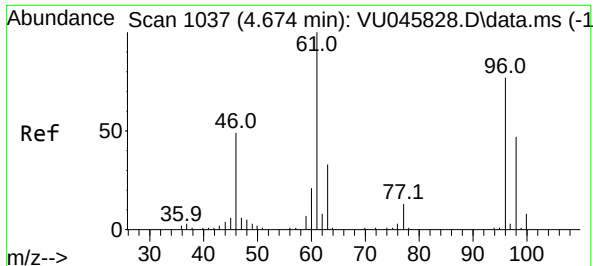
Delta R.T. -0.009 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

Tgt Ion:	43	Resp:	99008
Ion	Ratio	Lower	Upper
43	100		
72	29.6	14.1	42.3





#22

cis-1,2-Dichloroethene

Concen: 4.740 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

Instrument :

MSVOA_U

ClientSampleId :

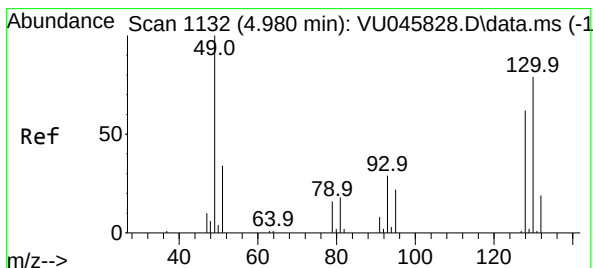
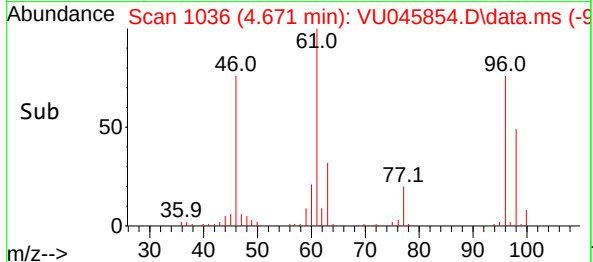
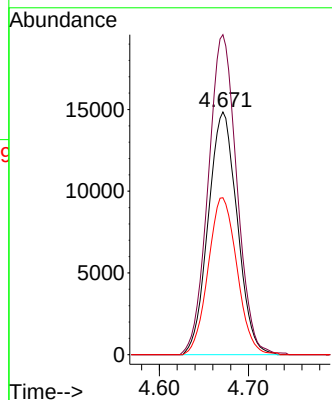
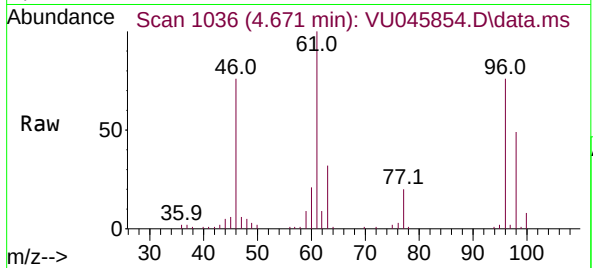
Tgt Ion: 96 Resp: 33590

Ion Ratio Lower Upper

96 100

61 131.8 88.5 164.3

98 64.7 44.4 82.5



#23

Bromochloromethane

Concen: 4.996 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

Tgt Ion:128 Resp: 15434

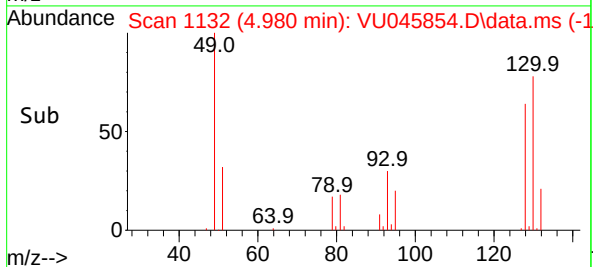
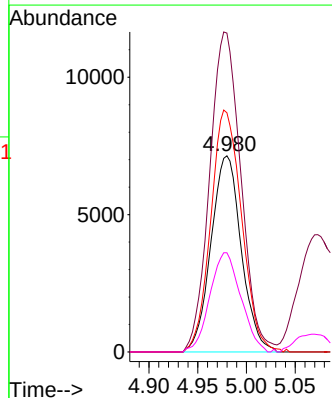
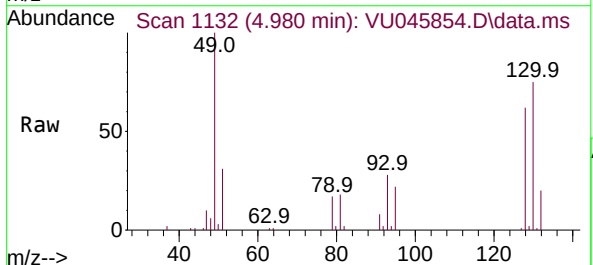
Ion Ratio Lower Upper

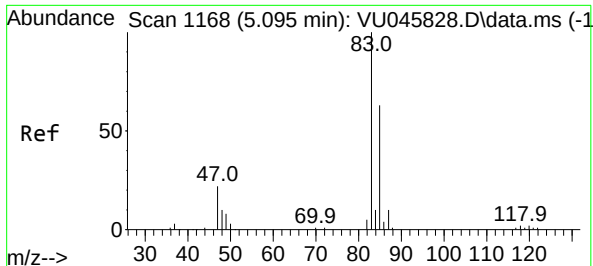
128 100

49 162.5 117.0 217.2

130 121.9 88.2 163.8

51 50.6 42.5 63.7





#25

Chloroform

Concen: 4.738 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

Instrument :

MSVOA_U

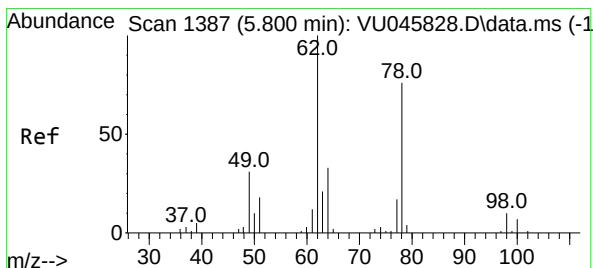
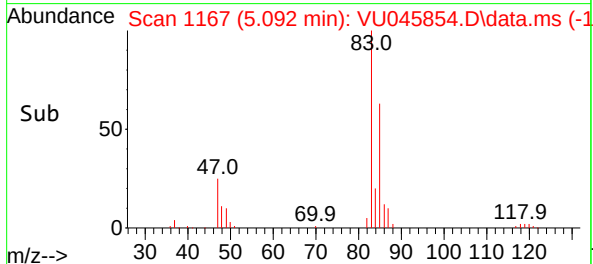
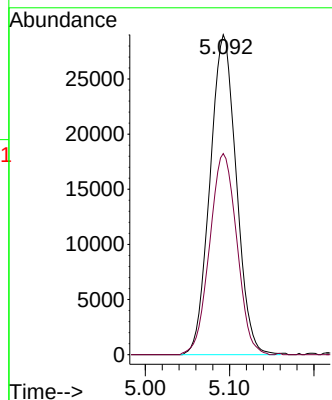
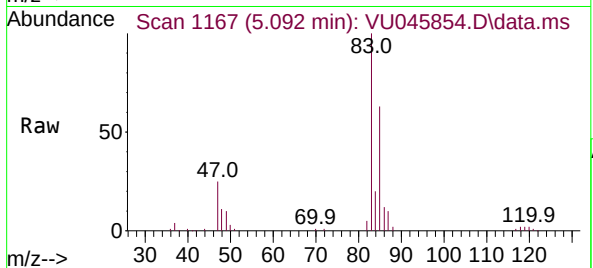
ClientSampleId :

Tgt Ion: 83 Resp: 62946

Ion Ratio Lower Upper

83 100

85 62.8 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.750 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU045854.D

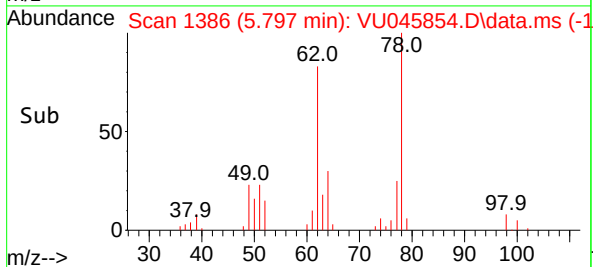
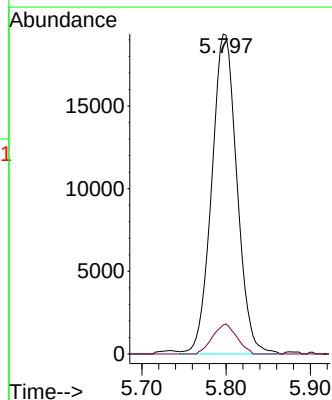
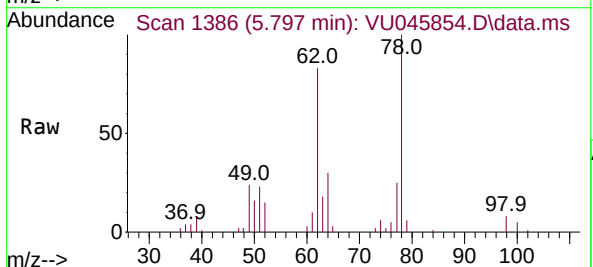
Acq: 17 Nov 2021 20:53

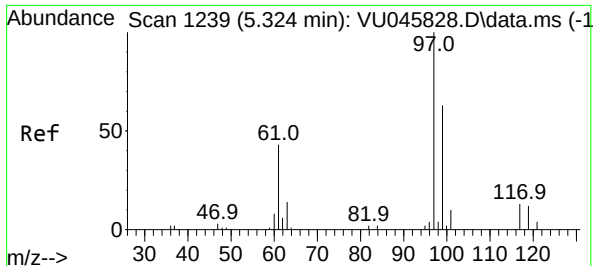
Tgt Ion: 62 Resp: 40266

Ion Ratio Lower Upper

62 100

98 9.1 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.661 ug/L

RT: 5.321 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

Instrument :

MSVOA_U

ClientSampleId :

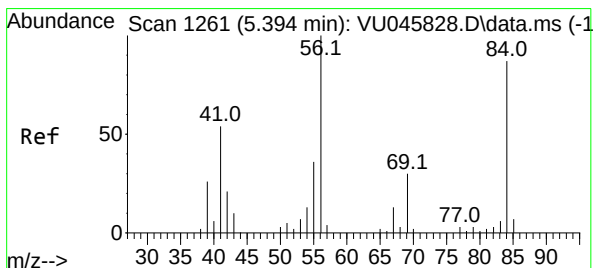
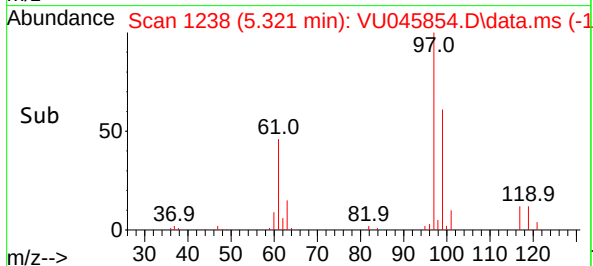
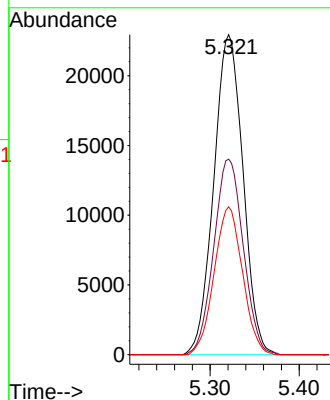
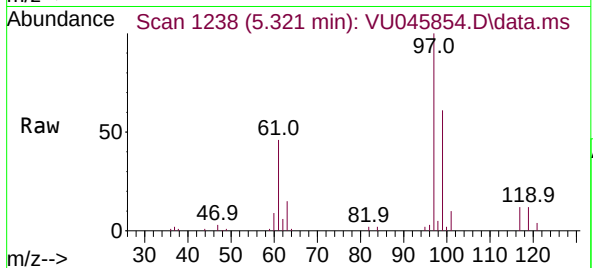
Tgt Ion: 97 Resp: 52307

Ion Ratio Lower Upper

97 100

99 61.8 51.3 76.9

61 44.9 36.1 54.1



#30

Cyclohexane

Concen: 4.263 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

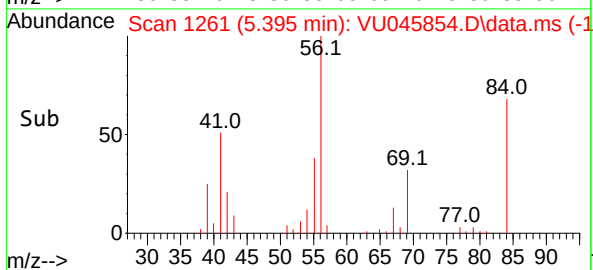
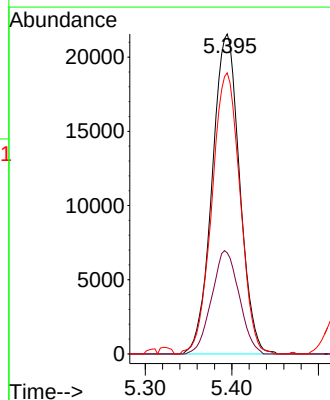
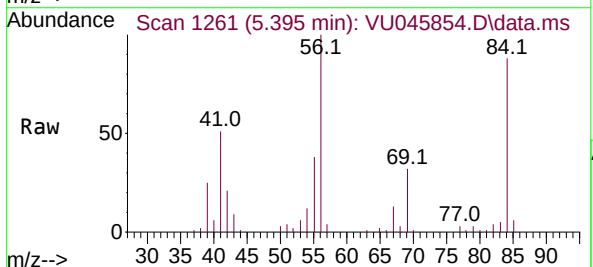
Tgt Ion: 56 Resp: 47448

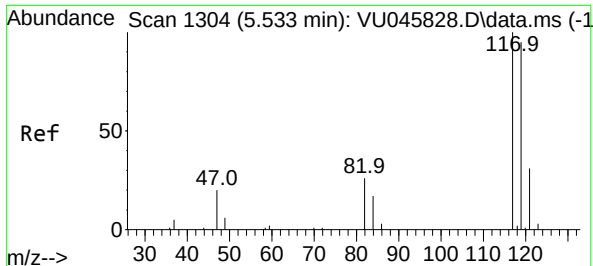
Ion Ratio Lower Upper

56 100

69 32.3 24.7 37.1

84 90.0 71.8 107.6

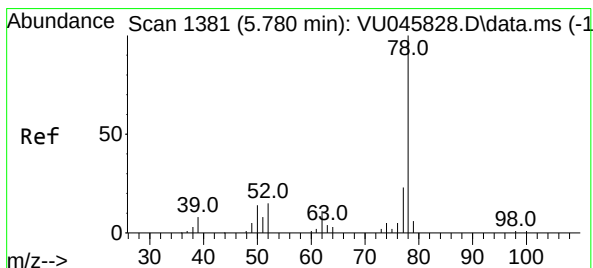
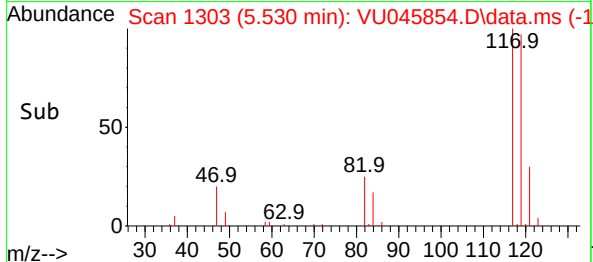
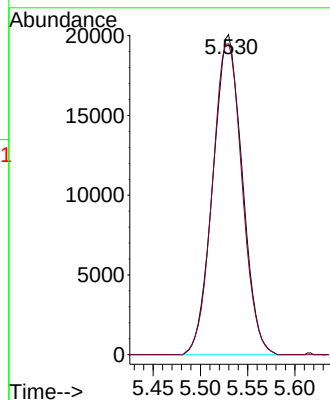
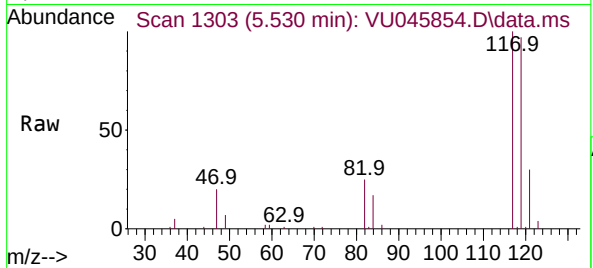




#31
Carbon tetrachloride
Concen: 4.587 ug/L
RT: 5.530 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

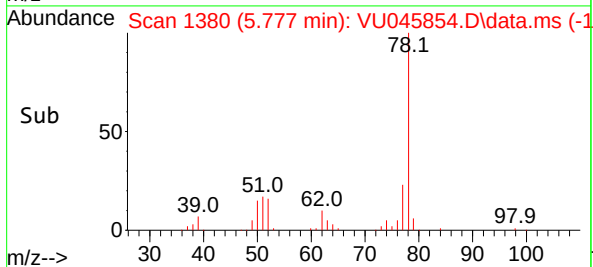
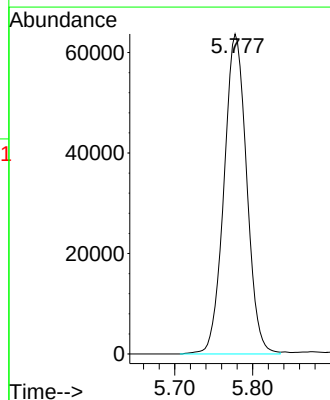
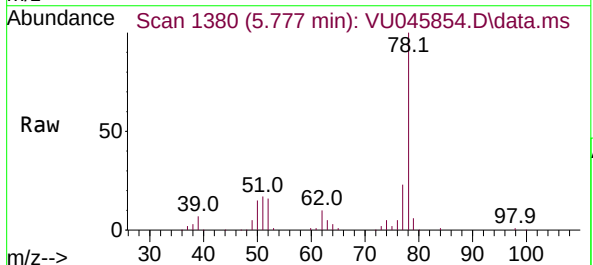
Instrument :
MSVOA_U
ClientSampleId :

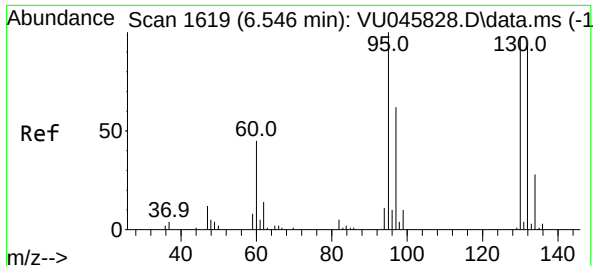
Tgt Ion:117 Resp: 43291
Ion Ratio Lower Upper
117 100
119 98.3 77.5 116.3



#33
Benzene
Concen: 4.461 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

Tgt Ion: 78 Resp: 128585

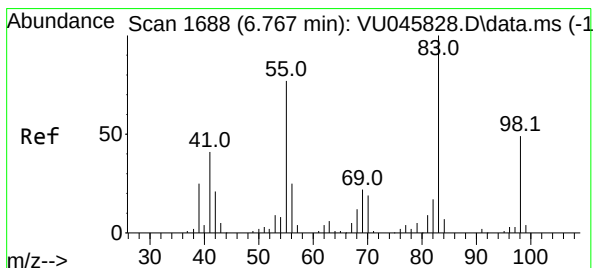
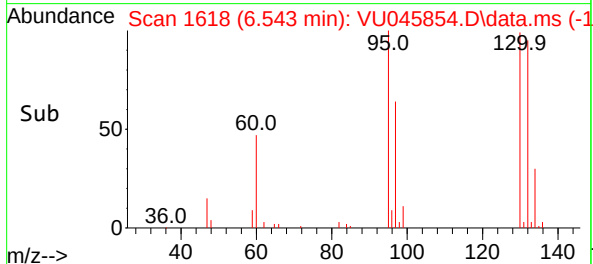
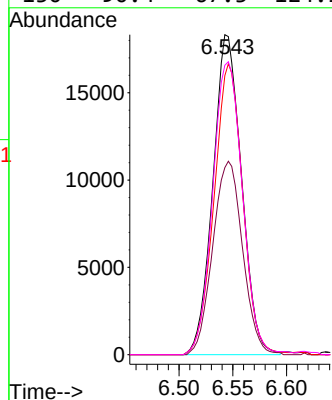
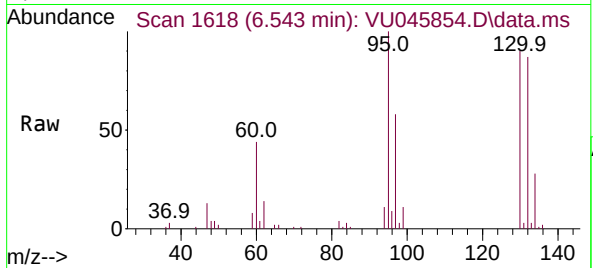




#34
Trichloroethene
Concen: 4.554 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

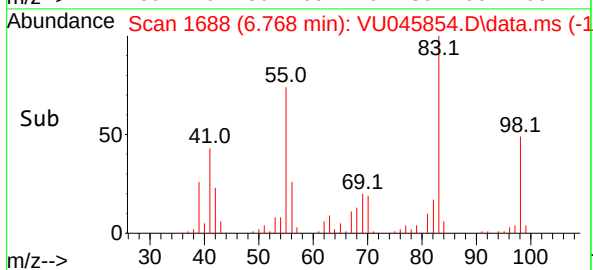
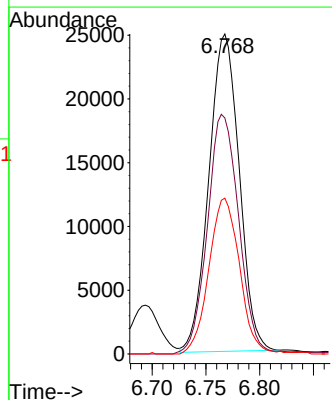
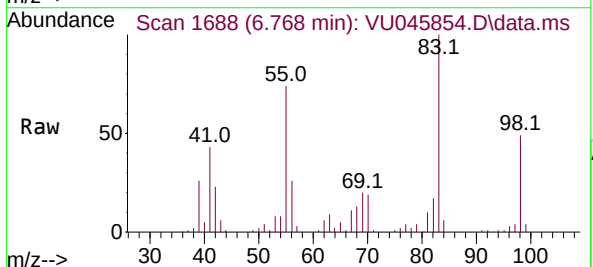
Instrument :
MSVOA_U
ClientSampleId :

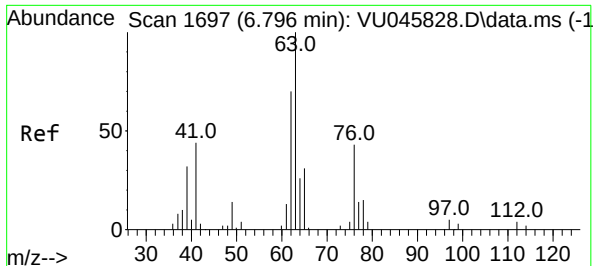
Tgt Ion: 95 Resp: 33827
Ion Ratio Lower Upper
95 100
97 58.5 46.5 86.5
132 87.2 65.1 120.9
130 90.4 67.3 124.9



#35
Methylcyclohexane
Concen: 4.287 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

Tgt Ion: 83 Resp: 48903
Ion Ratio Lower Upper
83 100
55 78.1 61.9 92.9
98 49.8 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.613 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

Instrument :

MSVOA_U

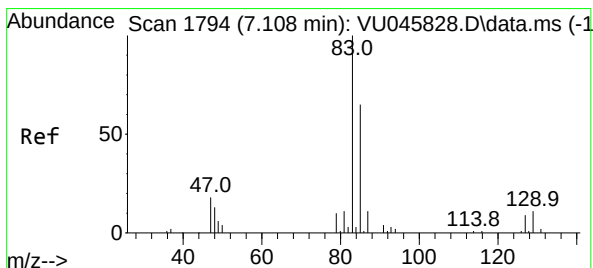
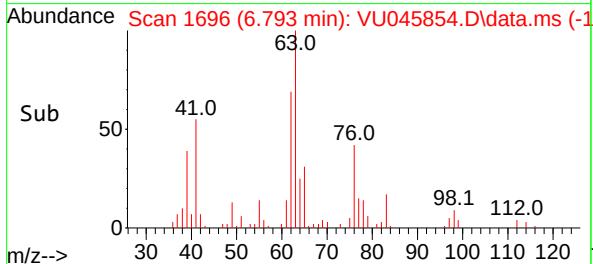
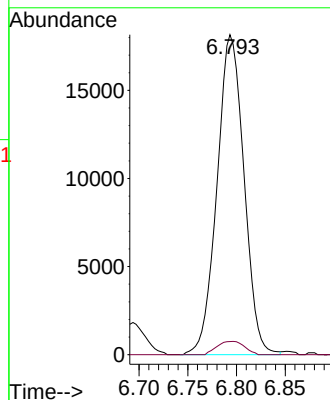
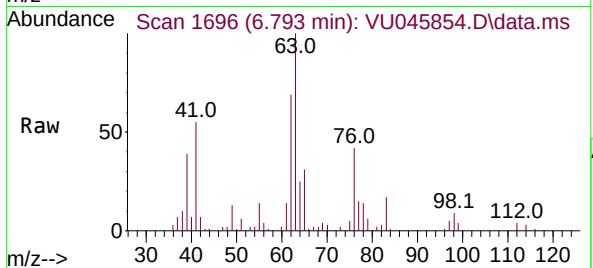
ClientSampleId :

Tgt Ion: 63 Resp: 34987

Ion Ratio Lower Upper

63 100

112 4.2 3.2 4.8



#38

Bromodichloromethane

Concen: 4.737 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

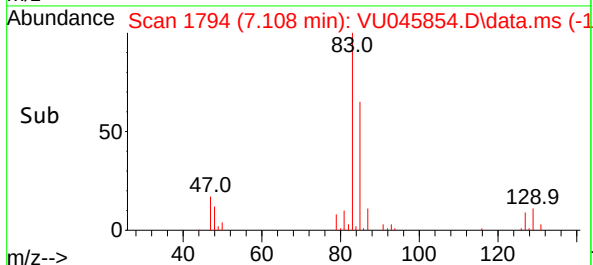
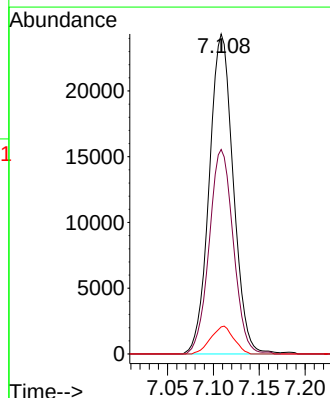
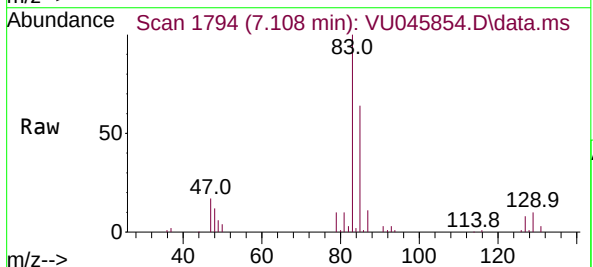
Tgt Ion: 83 Resp: 44332

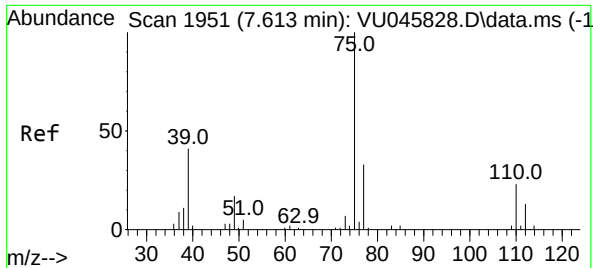
Ion Ratio Lower Upper

83 100

85 63.9 44.0 81.8

127 8.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.444 ug/L

RT: 7.610 min Scan# 1951

Delta R.T. -0.003 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

Instrument :

MSVOA_U

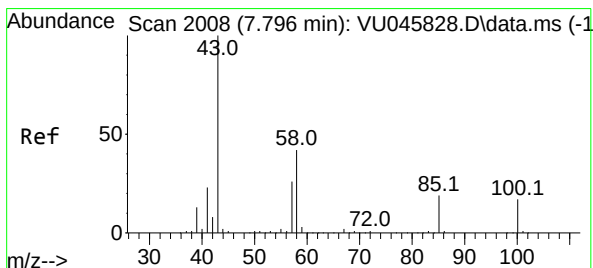
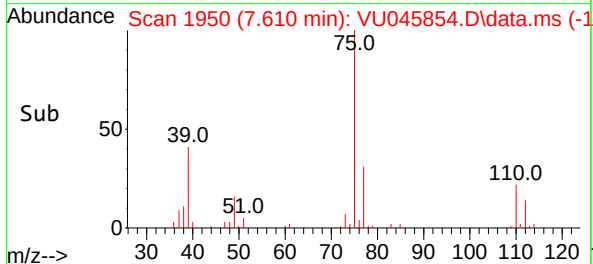
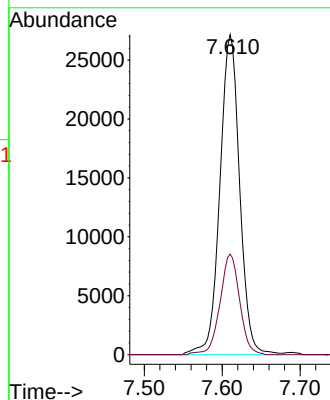
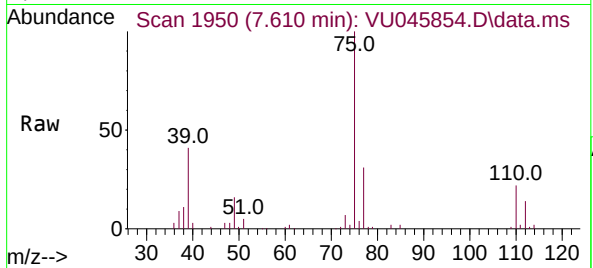
ClientSampleId :

Tgt Ion: 75 Resp: 47905

Ion Ratio Lower Upper

75 100

77 31.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 47.364 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

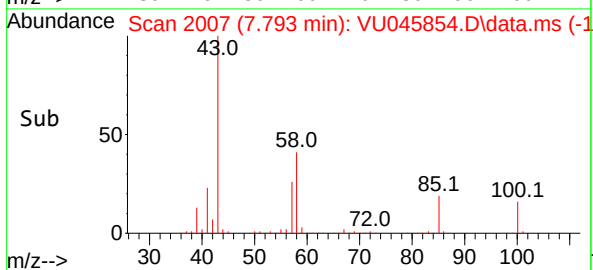
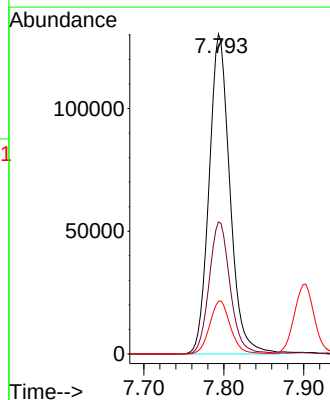
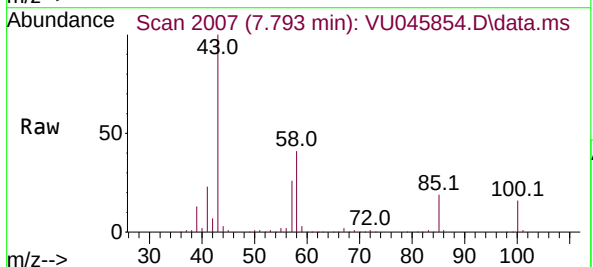
Tgt Ion: 43 Resp: 235640

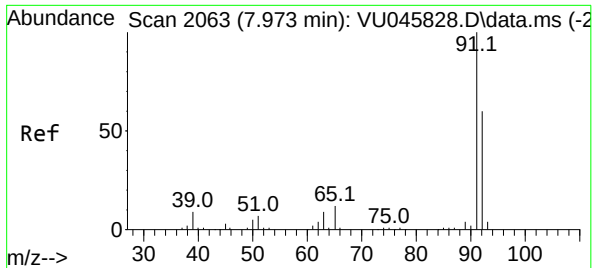
Ion Ratio Lower Upper

43 100

58 41.9 33.1 49.7

100 16.5 13.2 19.8





#42

Toluene

Concen: 4.641 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

Instrument :

MSVOA_U

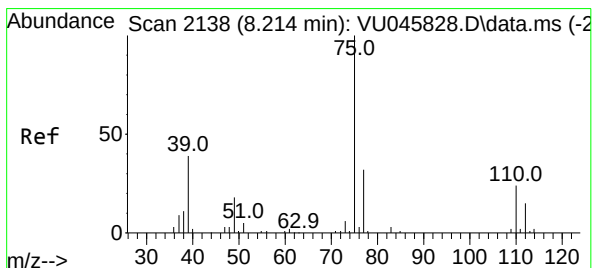
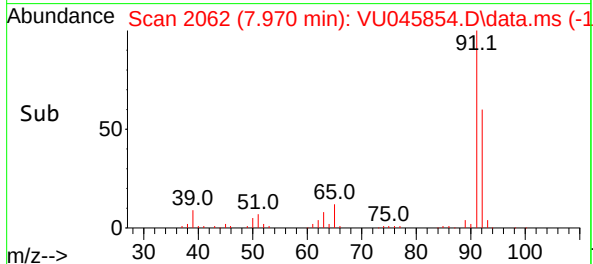
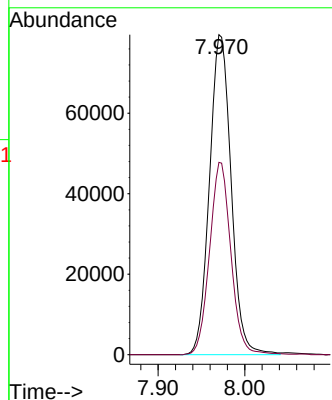
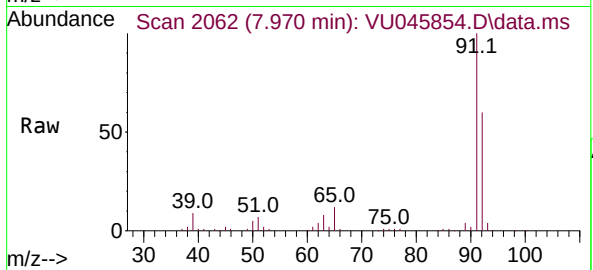
ClientSampleId :

Tgt Ion: 91 Resp: 138085

Ion Ratio Lower Upper

91 100

92 60.1 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.435 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU045854.D

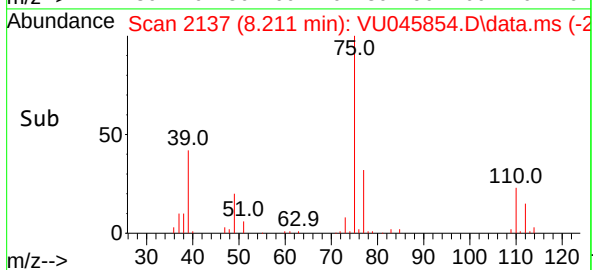
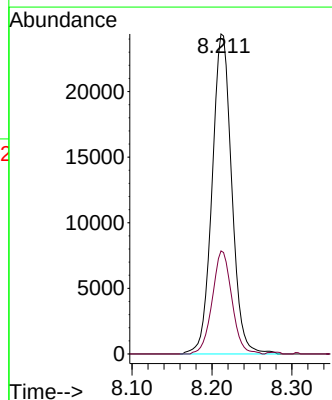
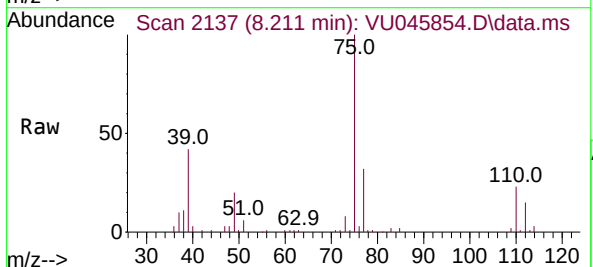
Acq: 17 Nov 2021 20:53

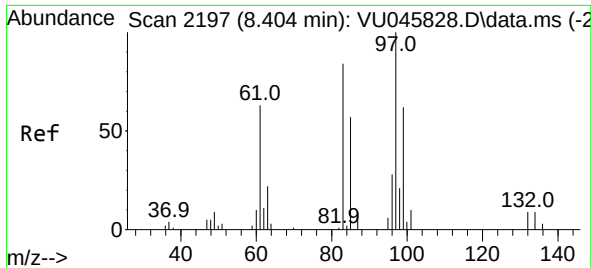
Tgt Ion: 75 Resp: 41591

Ion Ratio Lower Upper

75 100

77 32.2 22.7 42.3

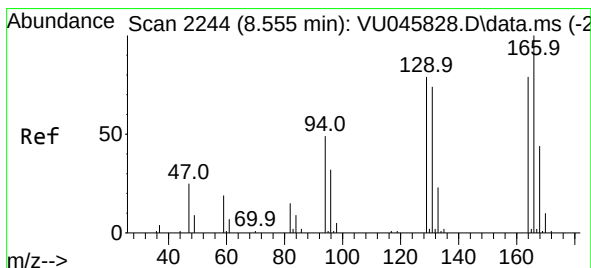
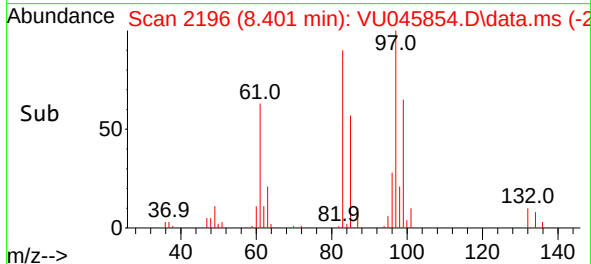
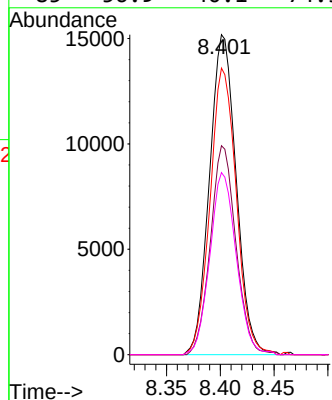
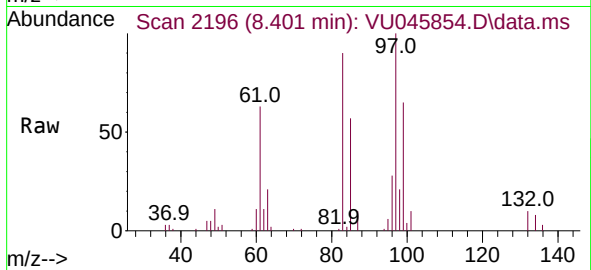




#45
1,1,2-Trichloroethane
Concen: 4.654 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

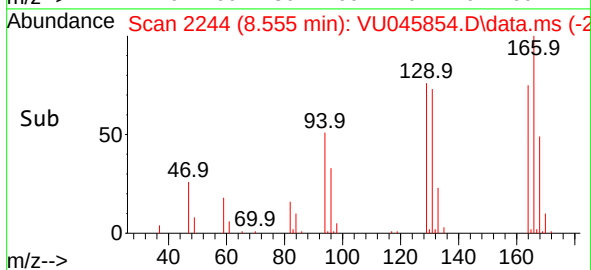
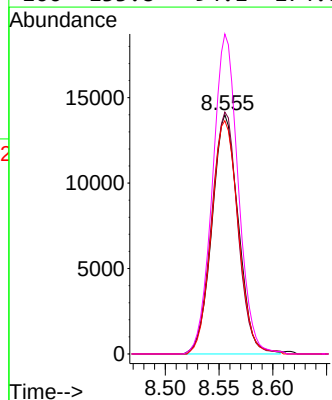
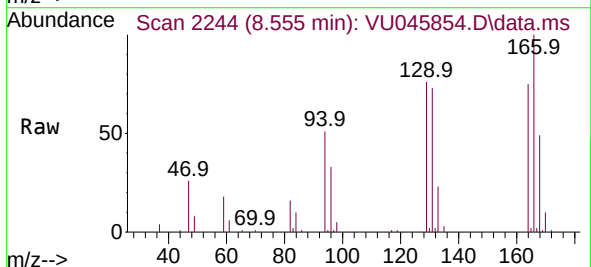
Instrument :
MSVOA_U
ClientSampleId :

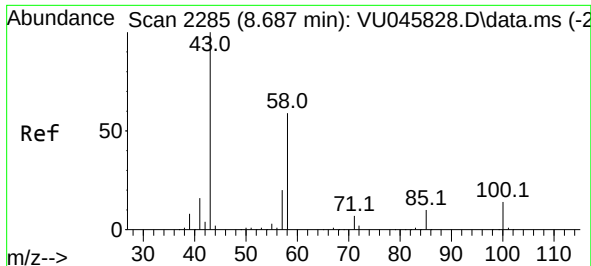
Tgt Ion: 97	Resp: 26206
Ion Ratio	Lower Upper
97 100	
99 65.3	42.3 78.5
83 89.6	62.0 115.2
85 56.9	40.1 74.5



#47
Tetrachloroethene
Concen: 4.580 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

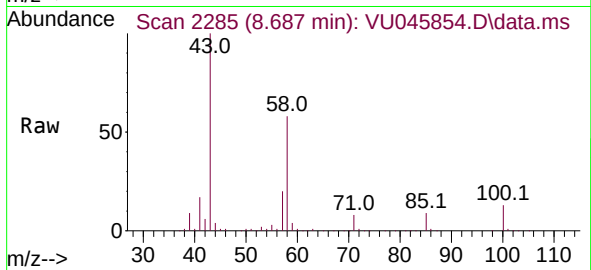
Tgt	Ion:164	Resp:	23814
Ion	Ratio	Lower	Upper
164	100		
129	101.2	71.8	133.4
131	97.6	68.5	127.3
166	133.8	94.1	174.8



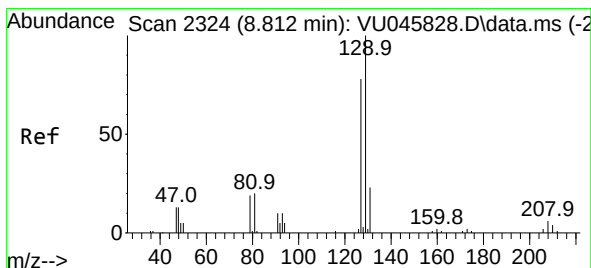
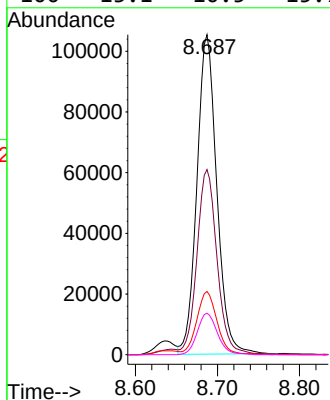
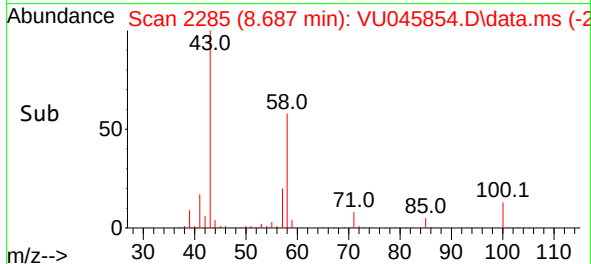


#48
2-Hexanone
Concen: 49.316 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

Instrument :
MSVOA_U
ClientSampleId :

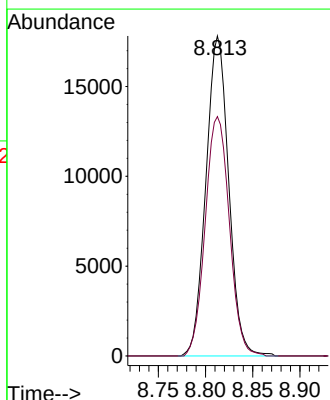
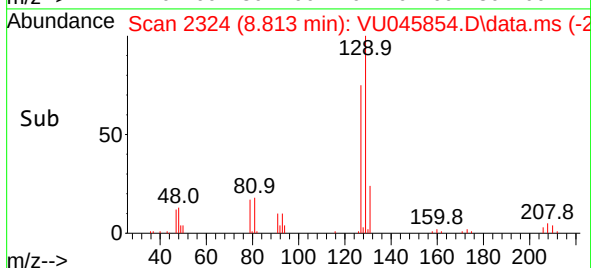
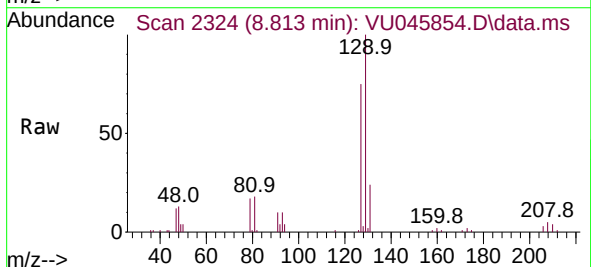


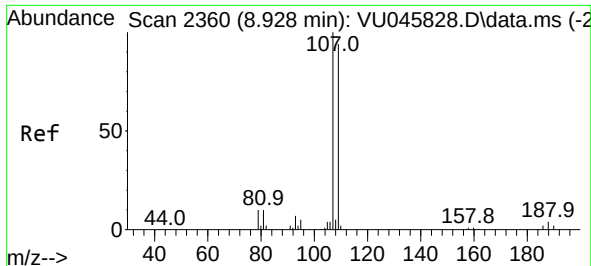
Tgt Ion: 43	Resp: 177250
Ion Ratio	Lower Upper
43 100	
58 59.0	46.7 70.1
57 20.4	16.3 24.5
100 13.1	10.5 15.7



#49
Dibromochloromethane
Concen: 4.662 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

Tgt Ion:129	Resp: 29898		
Ion Ratio	Lower	Upper	
129 100			
127 74.8	55.4	102.8	





#50

1,2-Dibromoethane

Concen: 4.774 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

Instrument :

MSVOA_U

ClientSampleId :

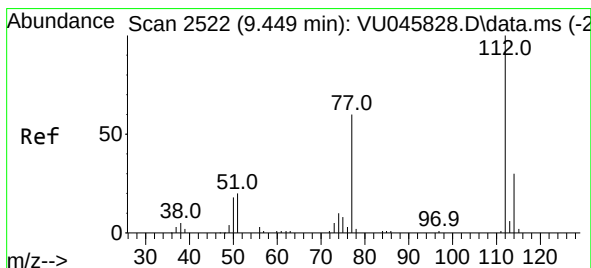
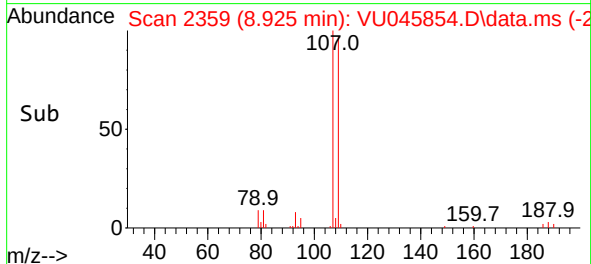
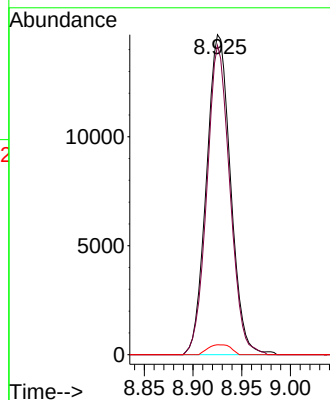
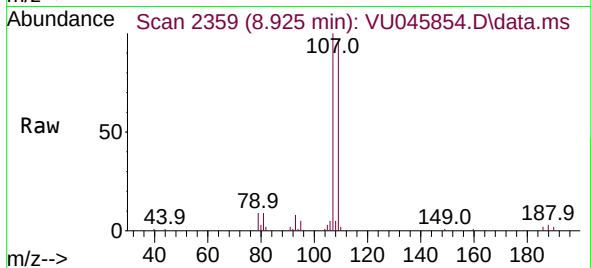
Tgt Ion:107 Resp: 25327

Ion Ratio Lower Upper

107 100

109 96.6 64.0 119.0

188 3.1 2.4 3.6



#51

Chlorobenzene

Concen: 4.692 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

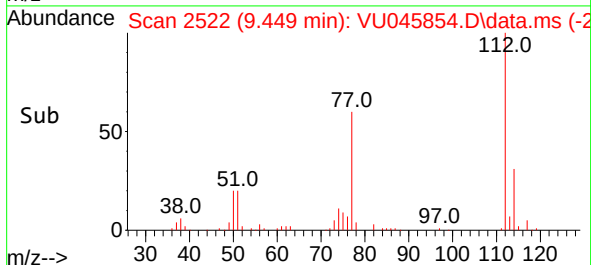
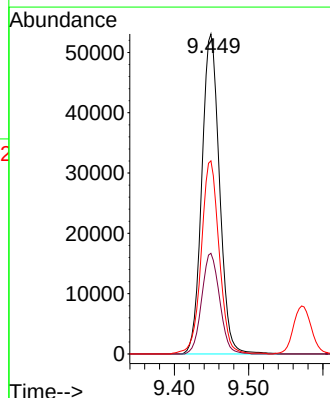
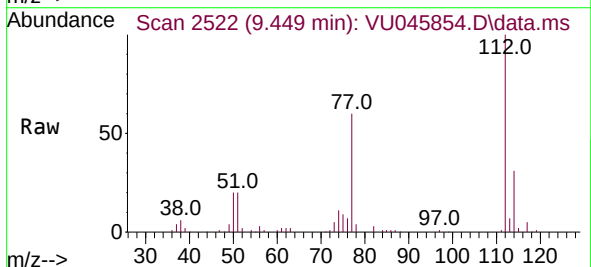
Tgt Ion:112 Resp: 87563

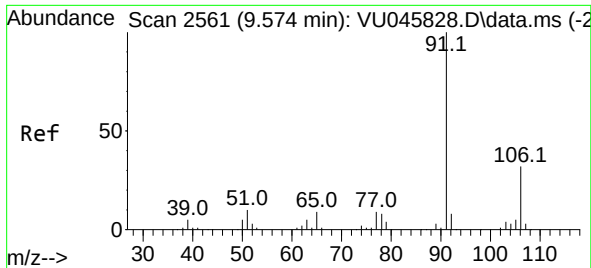
Ion Ratio Lower Upper

112 100

114 31.4 22.1 41.1

77 60.4 48.3 72.5

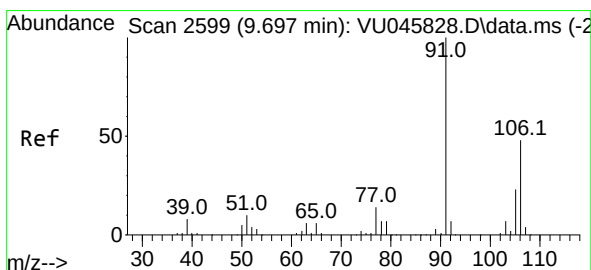
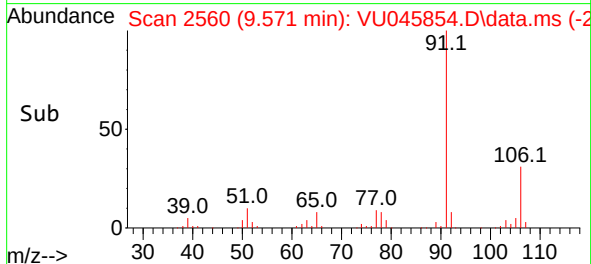
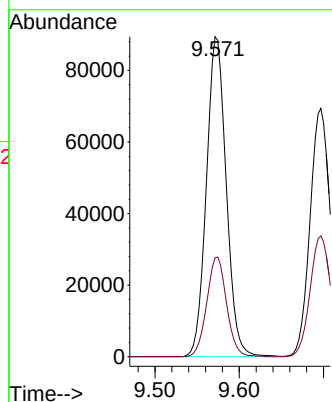
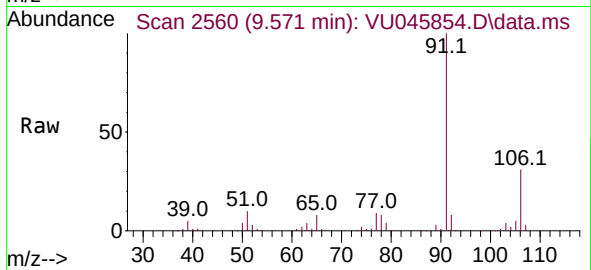




#52
Ethylbenzene
Concen: 4.703 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

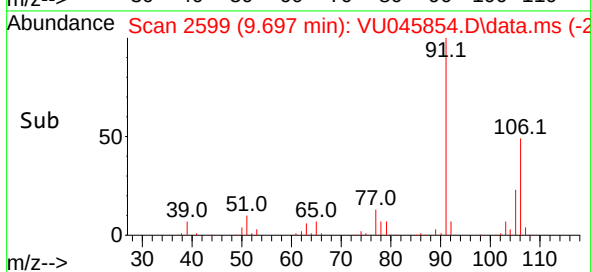
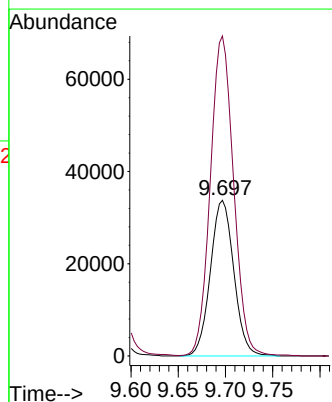
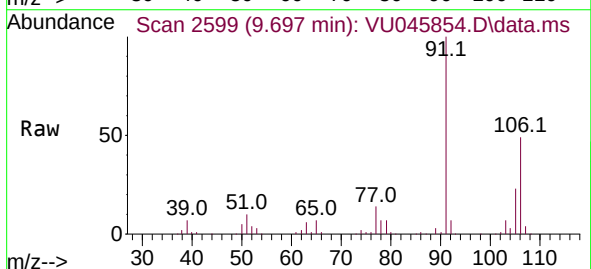
Instrument :
MSVOA_U
ClientSampleId :

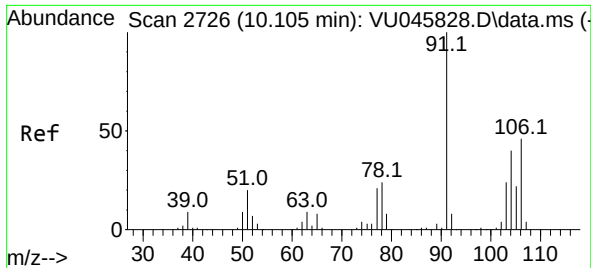
Tgt Ion: 91 Resp: 146462
Ion Ratio Lower Upper
91 100
106 30.9 21.5 39.9



#53
m,p-Xylene
Concen: 4.875 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

Tgt Ion: 106 Resp: 58150
Ion Ratio Lower Upper
106 100
91 205.5 139.4 259.0

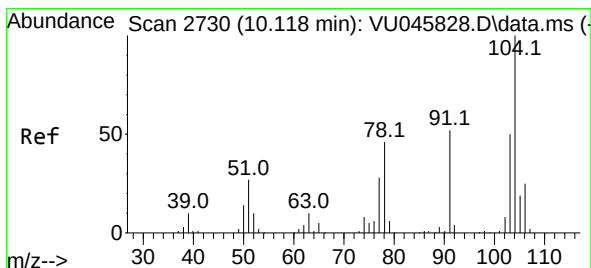
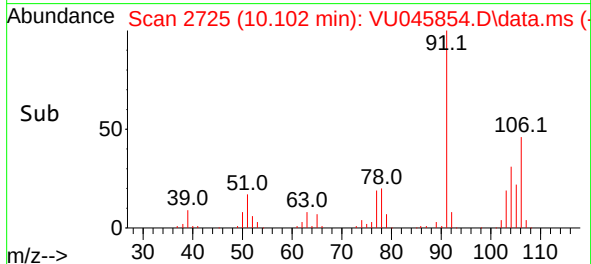
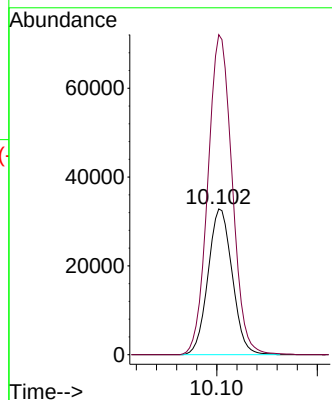
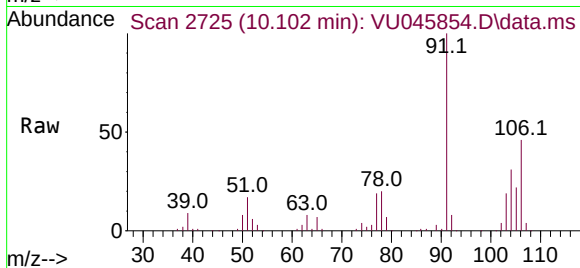




#54
o-Xylene
Concen: 4.763 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

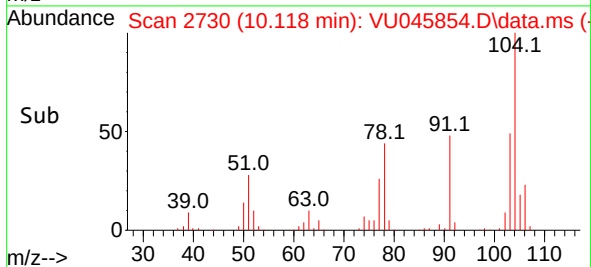
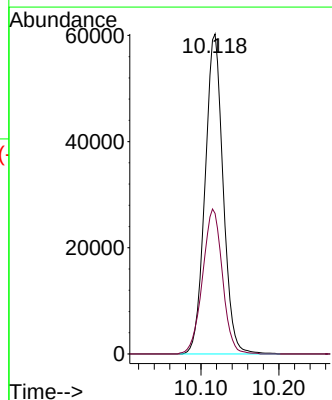
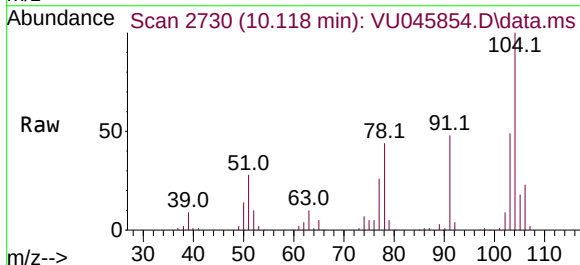
Instrument :
MSVOA_U
ClientSampleId :

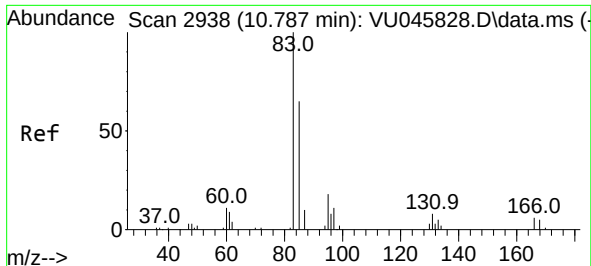
Tgt Ion:106 Resp: 54827
Ion Ratio Lower Upper
106 100
91 219.5 147.5 273.9



#55
Styrene
Concen: 5.007 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.000 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

Tgt Ion:104 Resp: 97030
Ion Ratio Lower Upper
104 100
78 43.9 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 4.787 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

Instrument :

MSVOA_U

ClientSampleId :

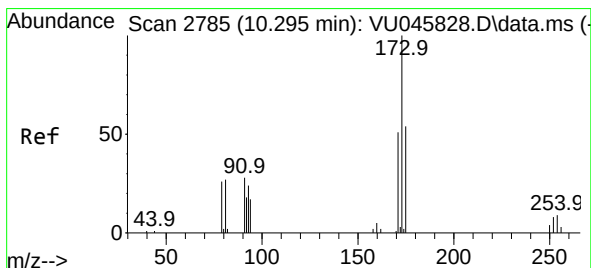
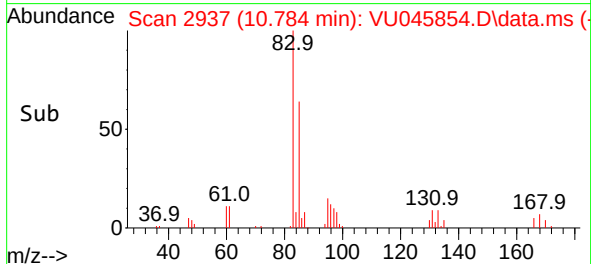
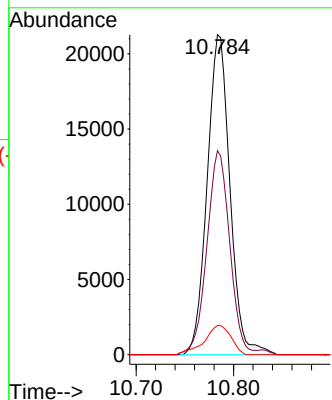
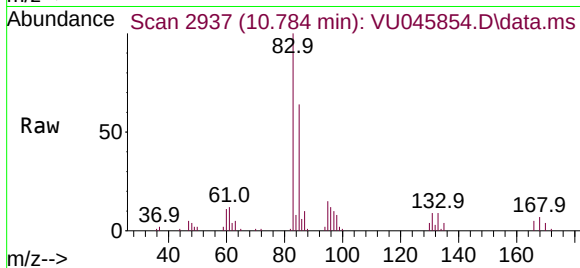
Tgt Ion: 83 Resp: 34522

Ion Ratio Lower Upper

83 100

85 63.8 47.9 89.1

131 9.1 8.1 12.1



#59

Bromoform

Concen: 4.458 ug/L

RT: 10.292 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

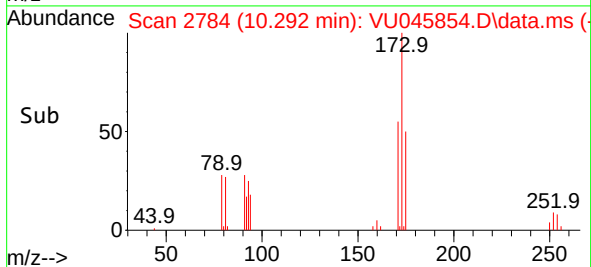
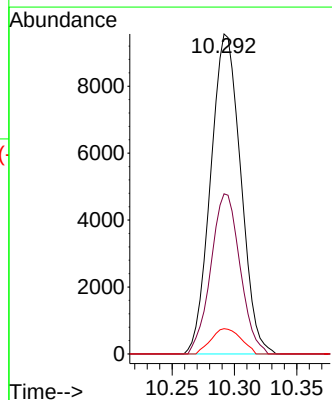
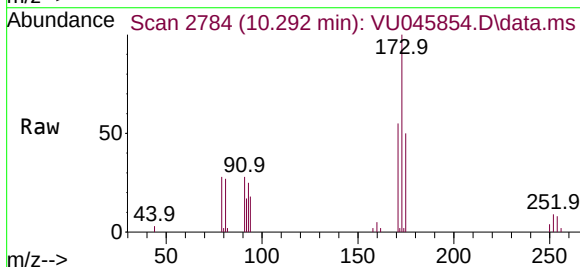
Tgt Ion:173 Resp: 16018

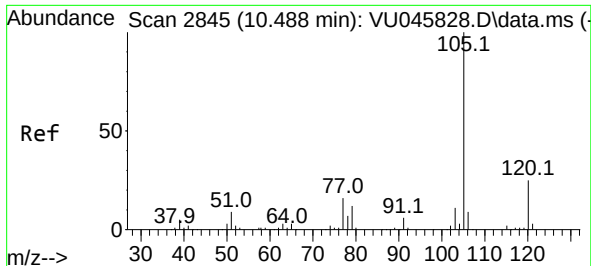
Ion Ratio Lower Upper

173 100

175 48.7 37.8 56.6

254 7.8 7.3 10.9

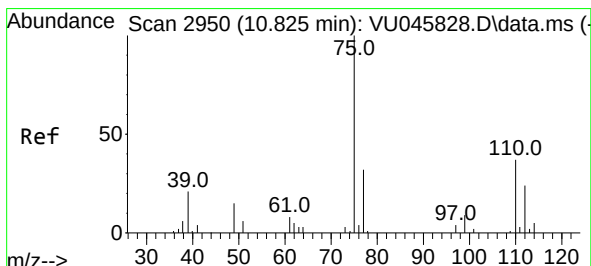
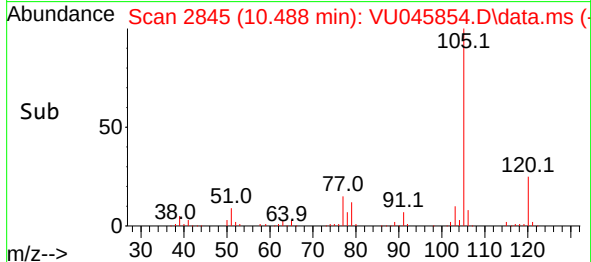
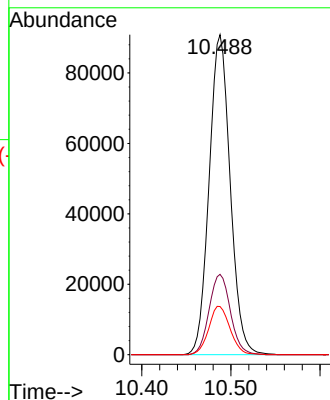
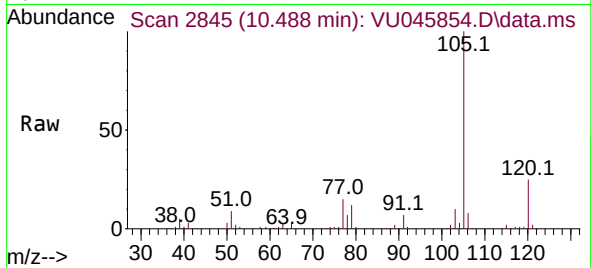




#60
Isopropylbenzene
Concen: 4.680 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

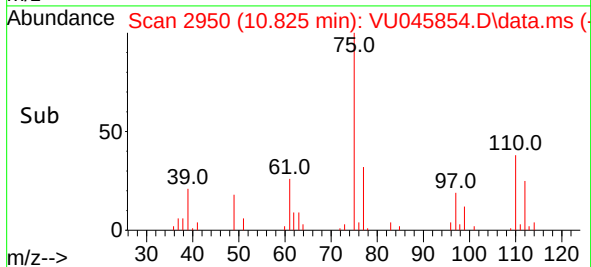
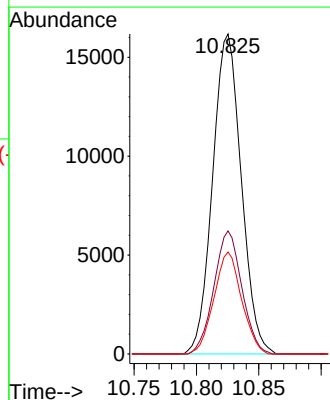
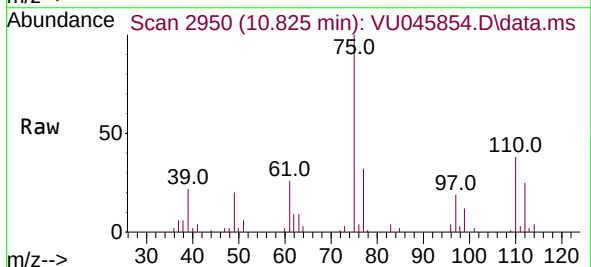
Instrument :
MSVOA_U
ClientSampleId :

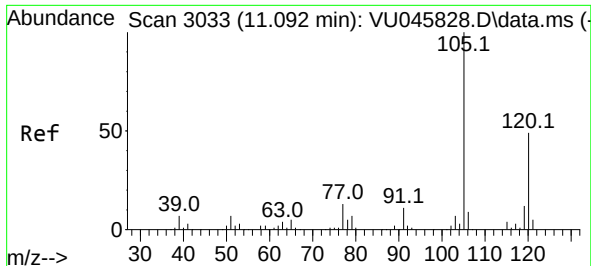
Tgt Ion:105 Resp: 149038
Ion Ratio Lower Upper
105 100
120 25.4 20.7 31.1
77 15.3 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 4.594 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

Tgt Ion: 75 Resp: 25872
Ion Ratio Lower Upper
75 100
110 37.5 29.9 44.9
77 30.8 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 4.573 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

Instrument :

MSVOA_U

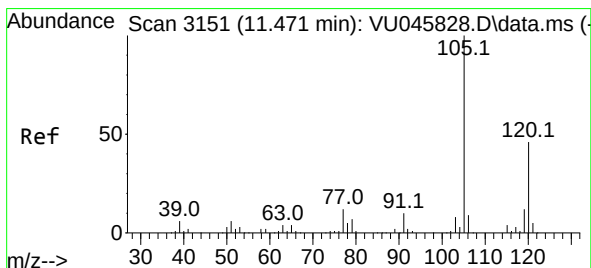
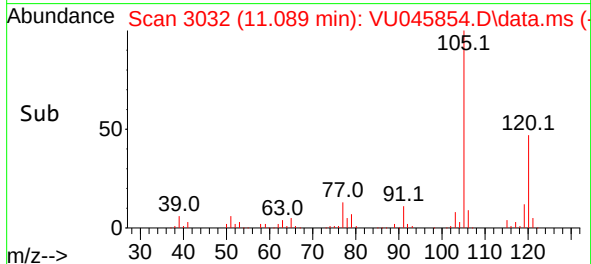
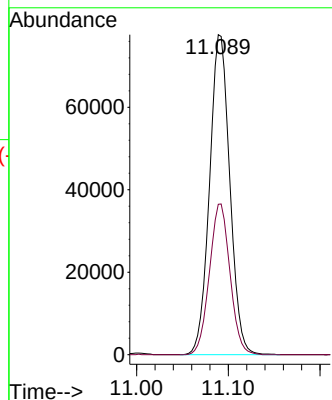
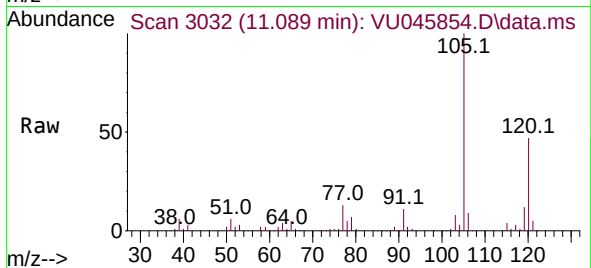
ClientSampleId :

Tgt Ion:105 Resp: 119077

Ion Ratio Lower Upper

105 100

120 47.8 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 4.613 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU045854.D

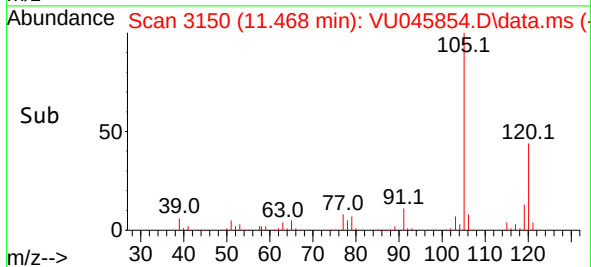
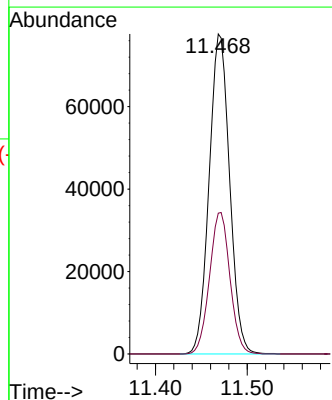
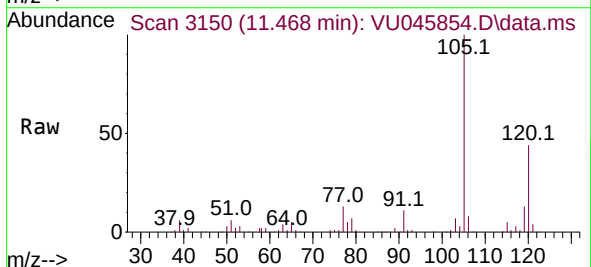
Acq: 17 Nov 2021 20:53

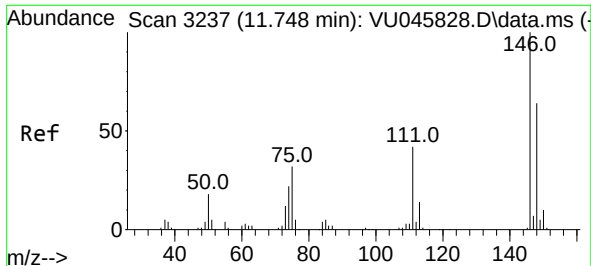
Tgt Ion:105 Resp: 120361

Ion Ratio Lower Upper

105 100

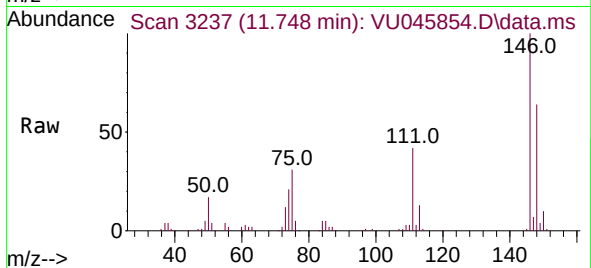
120 44.1 35.8 53.8



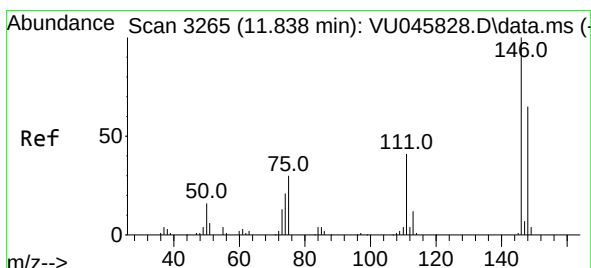
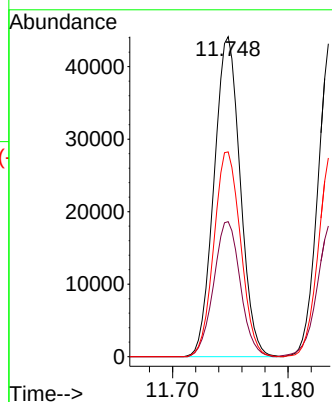
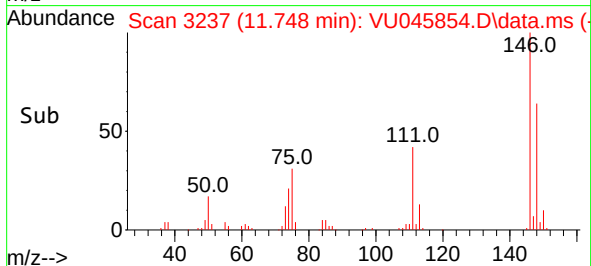


#64
1,3-Dichlorobenzene
Concen: 4.682 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. 0.000 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

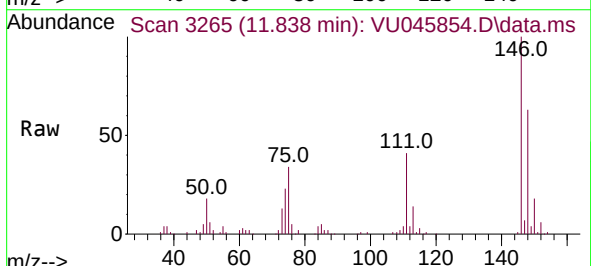
Instrument :
MSVOA_U
ClientSampleId :



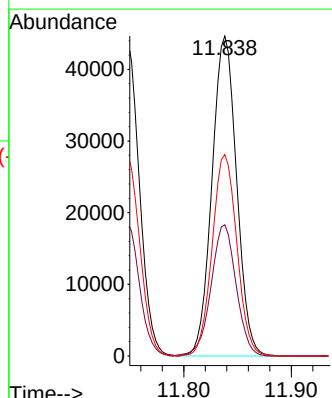
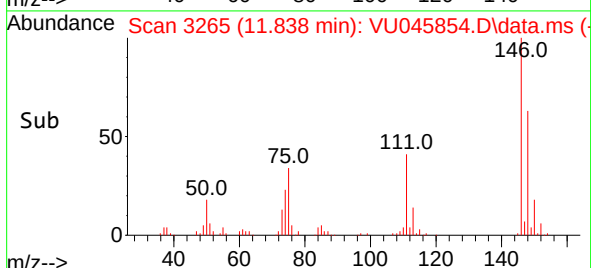
Tgt Ion:146 Resp: 69563
Ion Ratio Lower Upper
146 100
111 42.2 29.9 55.5
148 64.0 44.3 82.3

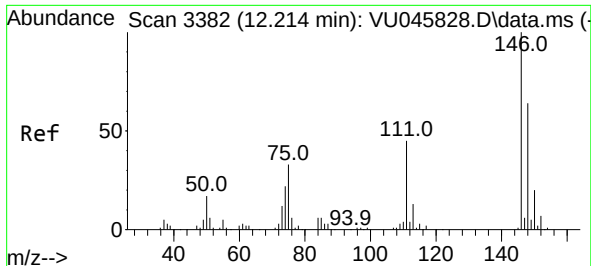


#65
1,4-Dichlorobenzene
Concen: 4.709 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53



Tgt Ion:146 Resp: 71074
Ion Ratio Lower Upper
146 100
111 41.0 28.7 53.3
148 62.9 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 4.718 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

Instrument :

MSVOA_U

ClientSampleId :

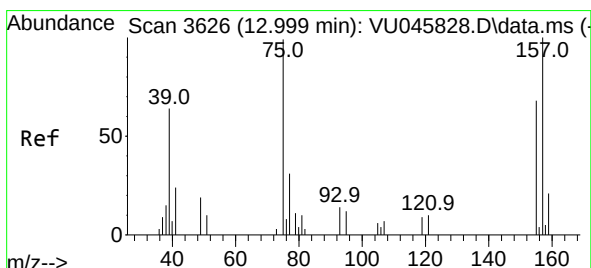
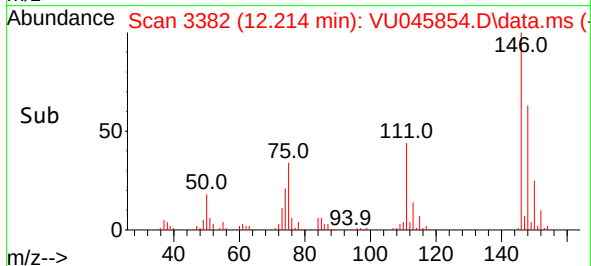
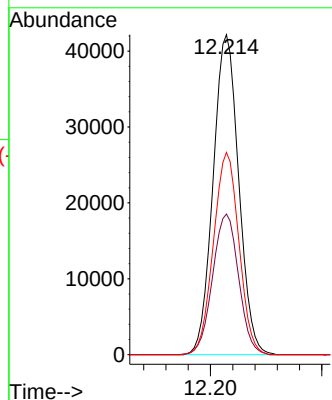
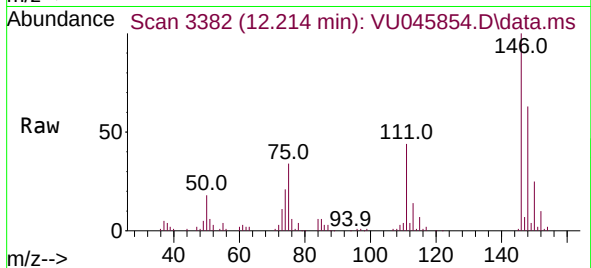
Tgt Ion:146 Resp: 67205

Ion Ratio Lower Upper

146 100

111 44.0 35.4 53.0

148 63.2 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.131 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU045854.D

Acq: 17 Nov 2021 20:53

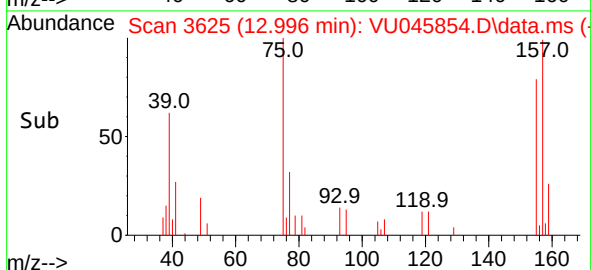
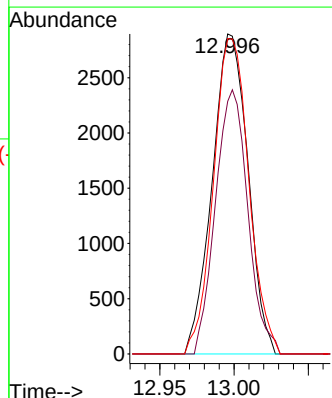
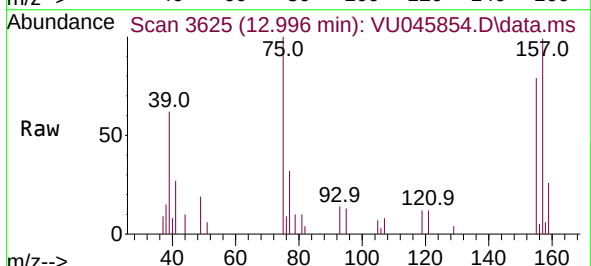
Tgt Ion: 75 Resp: 4840

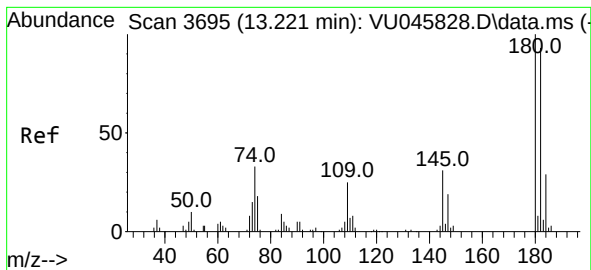
Ion Ratio Lower Upper

75 100

155 78.9 59.2 88.8

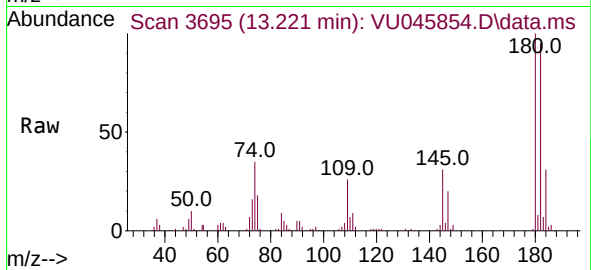
157 98.5 76.5 114.7



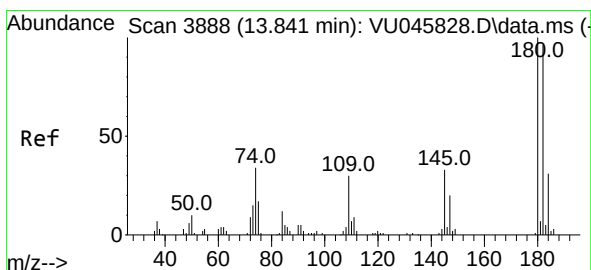
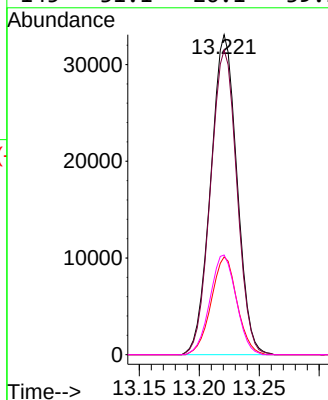
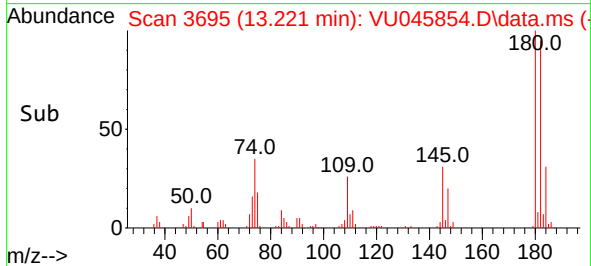


#69
 1,3,5-Trichlorobenzene
 Concen: 4.523 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU045854.D
 Acq: 17 Nov 2021 20:53

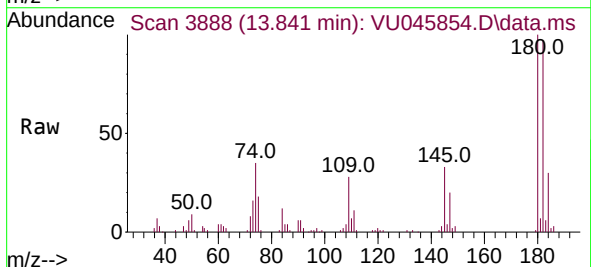
Instrument :
 MSVOA_U
 ClientSampleId :



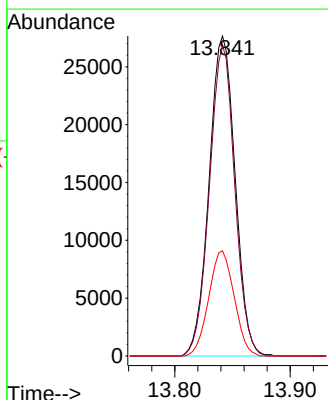
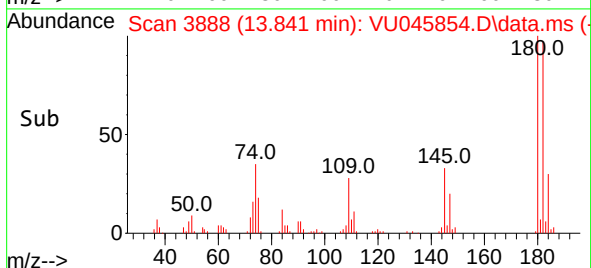
Tgt Ion:180	Resp:	50269
Ion Ratio	Lower	Upper
180	100	
182	95.3	76.1 114.1
184	30.1	25.0 37.4
145	31.1	26.1 39.1

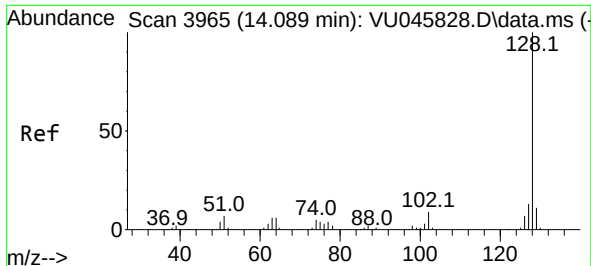


#70
 1,2,4-trichlorobenzene
 Concen: 4.607 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU045854.D
 Acq: 17 Nov 2021 20:53



Tgt Ion:180	Resp:	43322
Ion Ratio	Lower	Upper
180	100	
182	94.5	76.4 114.6
145	32.1	25.6 38.4

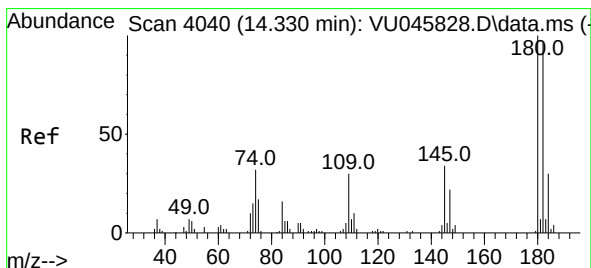
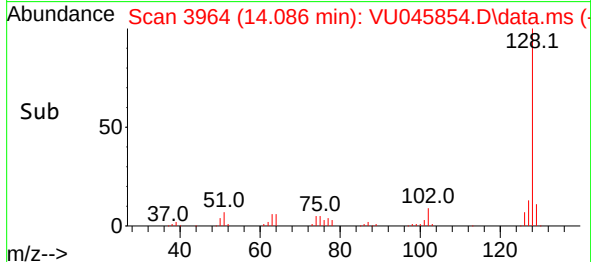
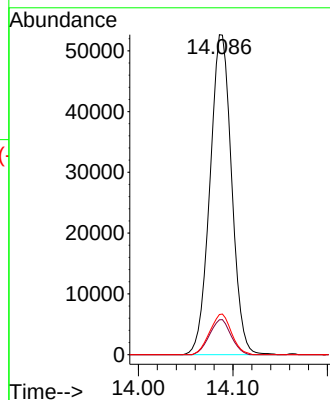
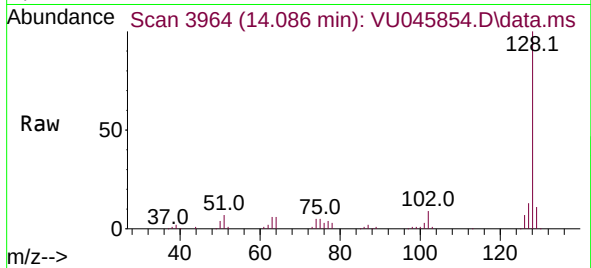




#71
Naphthalene
Concen: 4.340 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 83854
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 12.7 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.570 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU045854.D
Acq: 17 Nov 2021 20:53

Tgt Ion:180 Resp: 42767
Ion Ratio Lower Upper
180 100
182 96.2 76.2 114.4
145 33.9 28.4 42.6

