

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012122\
 Data File : VU046824.D
 Acq On : 21 Jan 2022 13:26
 Operator : SY/MD
 Sample : N1223-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 YAXB2MSD

Quant Time: Jan 24 00:25:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jan 24 00:23:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	89984	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	94559	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	53949	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31364	4.113	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.919	69	27774	4.623	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.571	65	13105	4.321	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.400%
20) 2-Butanone-d5	4.652	46	135401	59.942	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.880%
24) Chloroform-d	5.066	84	64708	4.834	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.706	65	37732	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.732	84	127121	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.693	67	40173	4.814	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.200%
41) Toluene-d8	7.899	98	113567	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.179	79	16946	4.624	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.400%
46) 2-Hexanone-d5	8.639	63	125484	57.832	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	45422	5.422	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	46330	4.579	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	51850	6.126	ug/L	99
3) Chloromethane	1.523	50	43032	6.174	ug/L	98
5) Vinyl chloride	1.607	62	42267	5.824	ug/L	97
6) Bromomethane	1.864	94	23720	5.224	ug/L	100
8) Chloroethane	1.941	64	24458	5.855	ug/L	100
9) Trichlorofluoromethane	2.144	101	54196	6.129	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	30227	5.749	ug/L	97
12) 1,1-Dichloroethene	2.587	96	28783	5.729	ug/L	79
13) Acetone	2.678	43	59828	48.697	ug/L	64
14) Carbon disulfide	2.800	76	89397	5.417	ug/L	99
15) Methyl Acetate	2.967	43	13159	4.904	ug/L #	85
16) Methylene chloride	3.051	84	33096	5.454	ug/L	90
17) Methyl tert-butyl Ether	3.366	73	80911	5.739	ug/L	97
18) trans-1,2-Dichloroethene	3.359	96	30228	5.554	ug/L	92
19) 1,1-Dichloroethane	3.874	63	54261	5.939	ug/L	100
21) 2-Butanone	4.729	43	108582	54.955	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	32695	5.695	ug/L	99
23) Bromochloromethane	4.980	128	15941	5.644	ug/L	88
25) Chloroform	5.092	83	56430	3.891	ug/L	99

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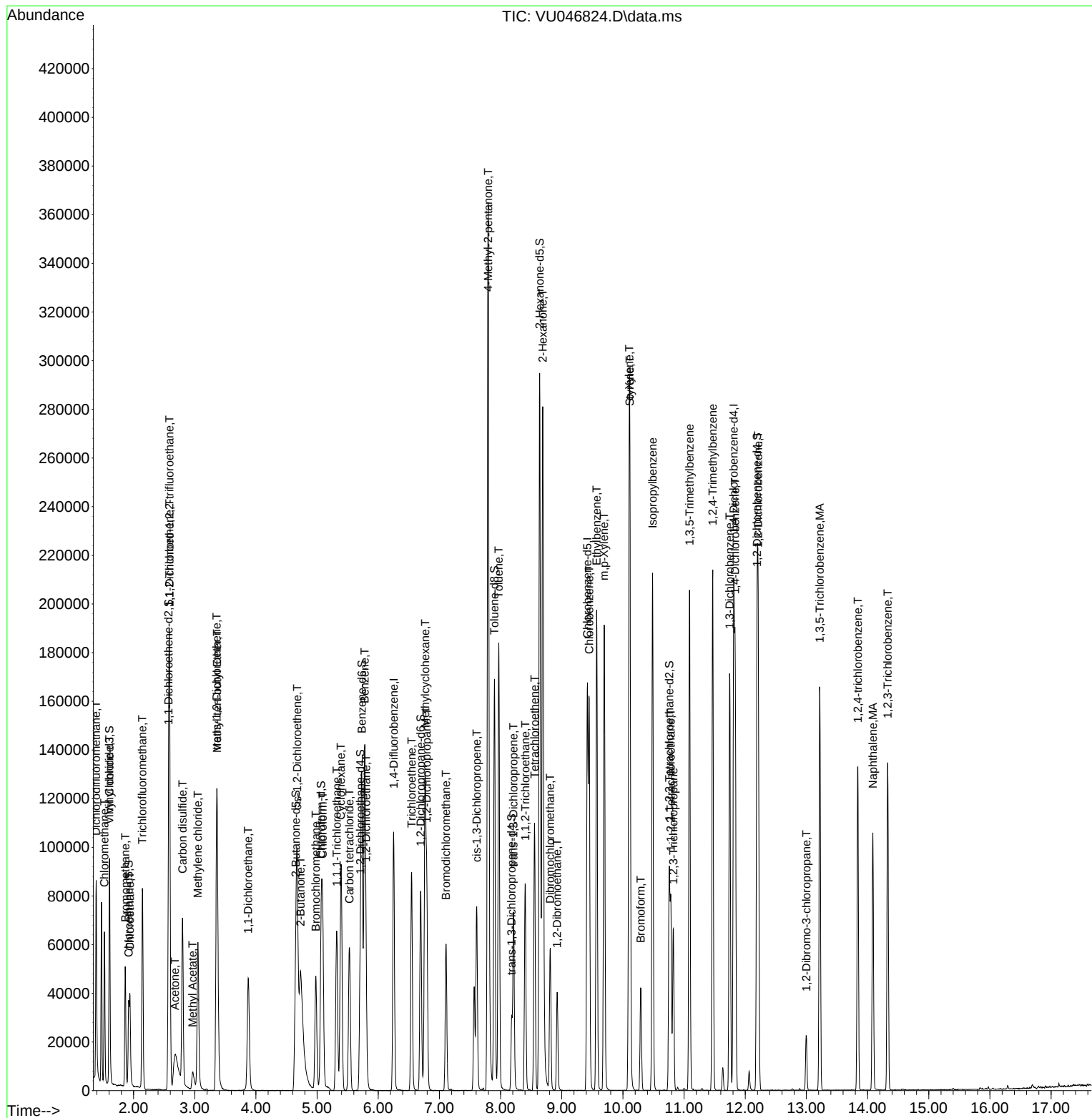
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	39722	6.206	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	49500	5.812	ug/L	98
30) Cyclohexane	5.391	56	47553	5.505	ug/L	95
31) Carbon tetrachloride	5.526	117	42500	5.816	ug/L	97
33) Benzene	5.777	78	127704	5.736	ug/L	100
34) Trichloroethene	6.546	95	31615	5.469	ug/L	96
35) Methylcyclohexane	6.767	83	51735	5.343	ug/L	95
37) 1,2-Dichloropropane	6.793	63	31697	5.804	ug/L	99
38) Bromodichloromethane	7.108	83	41201	5.242	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	47802	5.610	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	248592	62.089	ug/L	95
42) Toluene	7.970	91	136347	5.124	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	43906	5.784	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	27653	5.952	ug/L	97
47) Tetrachloroethene	8.555	164	24844	5.285	ug/L	96
48) 2-Hexanone	8.690	43	184373	61.007	ug/L	96
49) Dibromochloromethane	8.812	129	31420	5.733	ug/L	95
50) 1,2-Dibromoethane	8.925	107	27719	5.886	ug/L	96
51) Chlorobenzene	9.449	112	85617	5.540	ug/L	98
52) Ethylbenzene	9.571	91	141303	5.585	ug/L	99
53) m,p-Xylene	9.693	106	57633	5.715	ug/L	95
54) o-Xylene	10.102	106	54124	5.537	ug/L	97
55) Styrene	10.115	104	91181	5.702	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	37606	6.018	ug/L	98
59) Bromoform	10.291	173	19363	5.828	ug/L	99
60) Isopropylbenzene	10.484	105	141332	5.624	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	28071	6.141	ug/L	95
62) 1,3,5-Trimethylbenzene	11.089	105	113453	5.500	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	118321	5.574	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	68258	5.434	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	68405	5.411	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	67696	5.572	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5868	6.185	ug/L	89
69) 1,3,5-Trichlorobenzene	13.217	180	51716	5.222	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	41522	5.015	ug/L	99
71) Naphthalene	14.085	128	87037	5.163	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	41764	5.340	ug/L	98

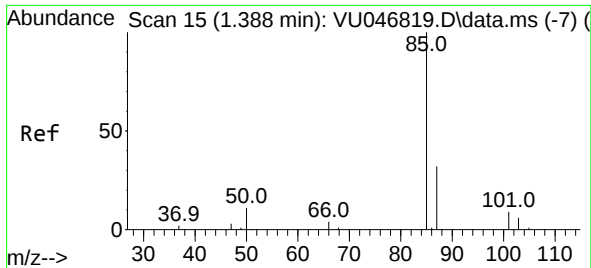
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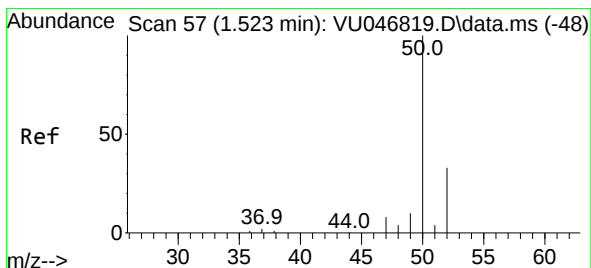
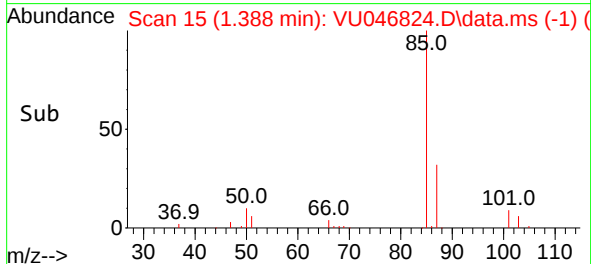
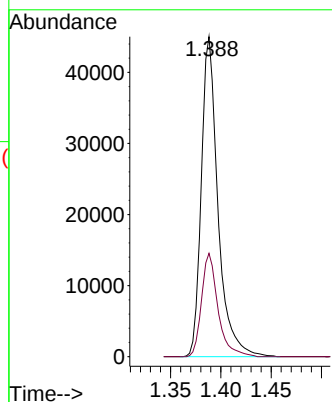
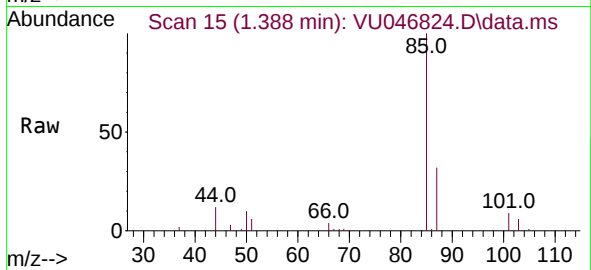




#2
 Dichlorodifluoromethane
 Concen: 6.126 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU046824.D
 Acq: 21 Jan 2022 13:26

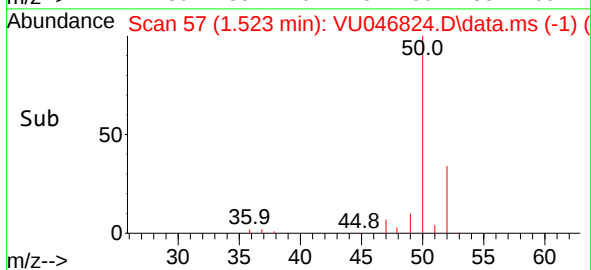
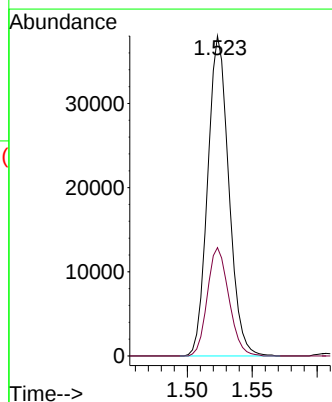
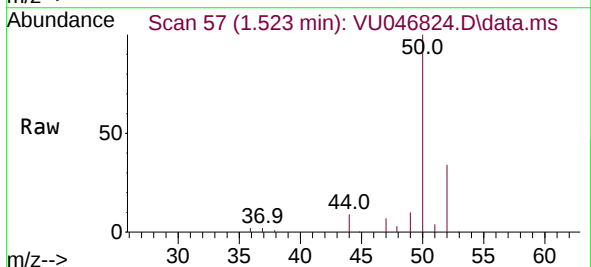
Instrument :
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 ClientSampleId :
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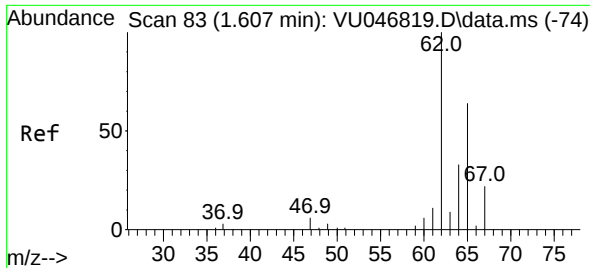
Tgt Ion: 85 Resp: 51850
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.6



#3
 Chloromethane
 Concen: 6.174 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: VU046824.D
 Acq: 21 Jan 2022 13:26

Tgt Ion: 50 Resp: 43032
 Ion Ratio Lower Upper
 50 100
 52 33.9 23.0 42.8

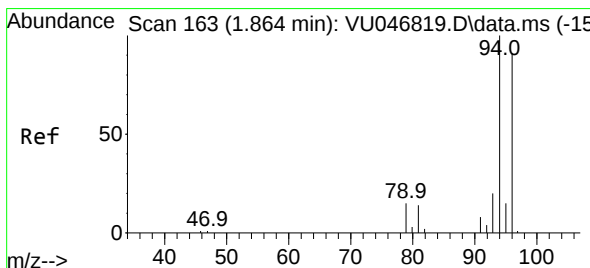
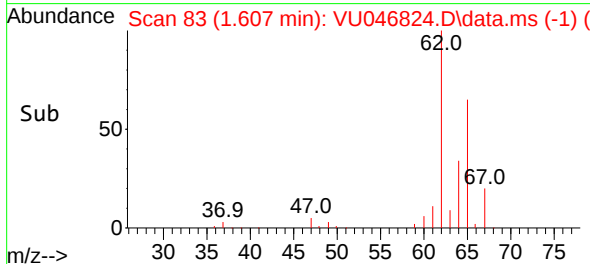
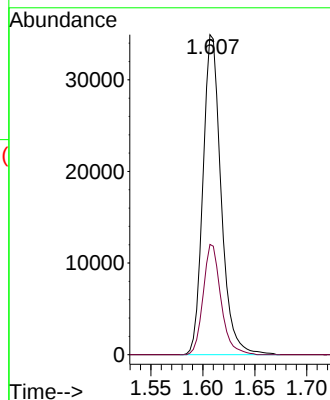
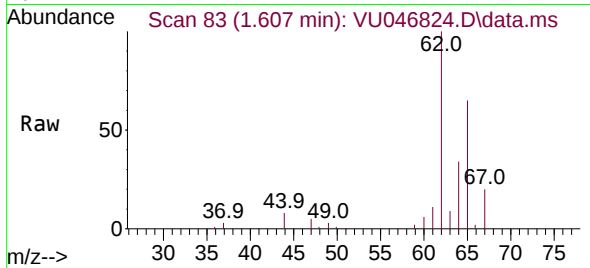




#5
 Vinyl chloride
 Concen: 5.824 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU046824.D
 Acq: 21 Jan 2022 13:26

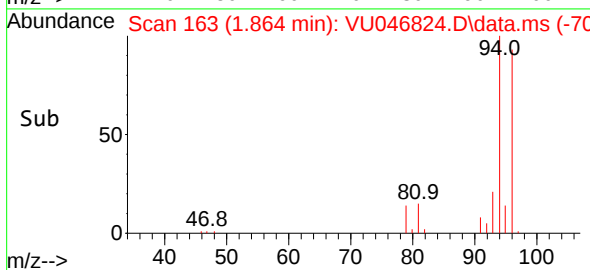
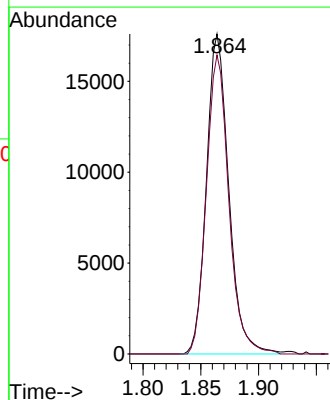
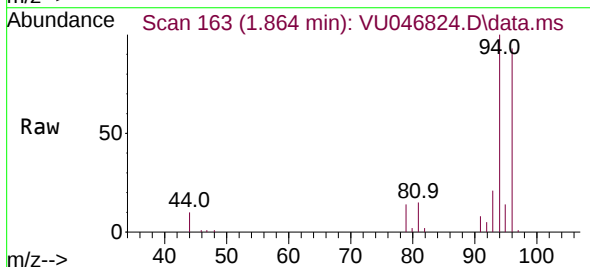
Instrument :
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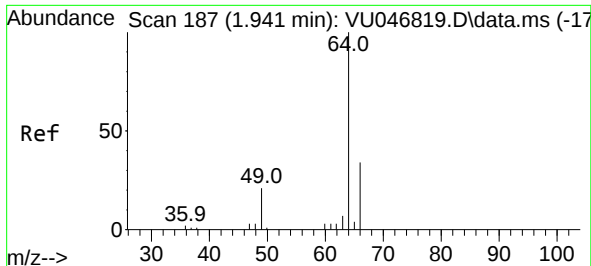
Tgt Ion: 62 Resp: 42267
 Ion Ratio Lower Upper
 62 100
 64 34.5 22.9 42.5



#6
 Bromomethane
 Concen: 5.224 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU046824.D
 Acq: 21 Jan 2022 13:26

Tgt Ion: 94 Resp: 23720
 Ion Ratio Lower Upper
 94 100
 96 93.4 65.5 121.6

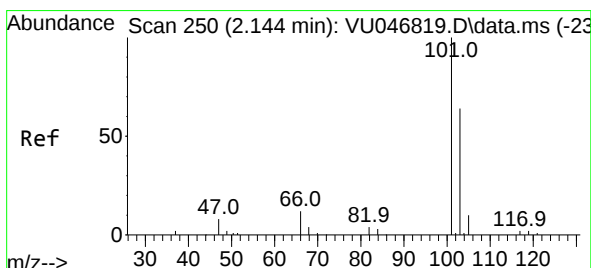
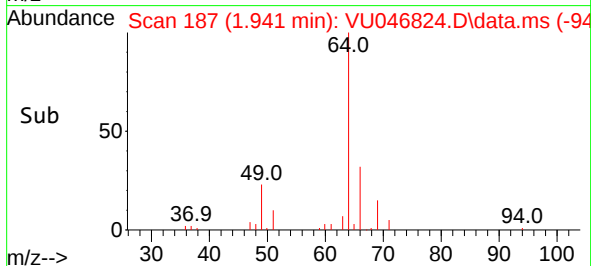
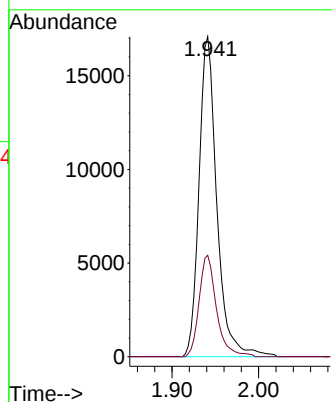
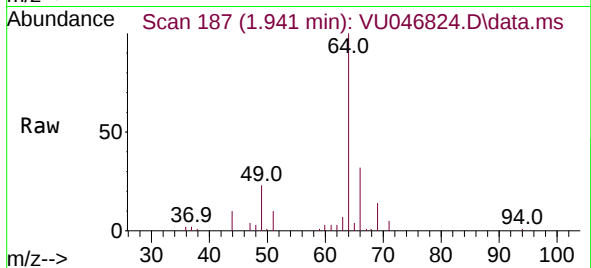




#8
Chloroethane
Concen: 5.855 ug/L
RT: 1.941 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

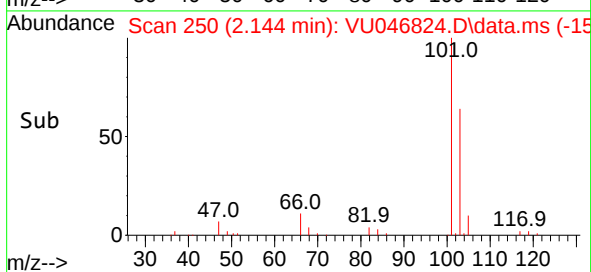
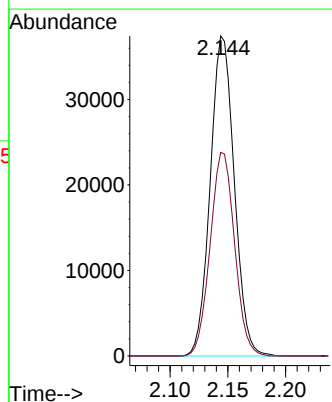
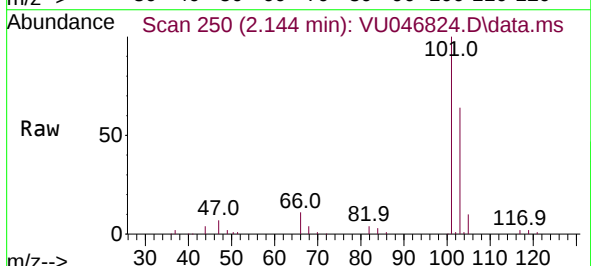
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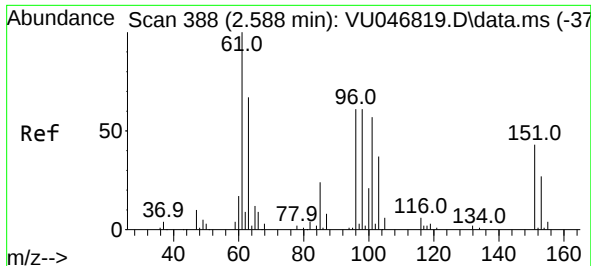
Tgt Ion: 64 Resp: 24458
Ion Ratio Lower Upper
64 100
66 31.7 22.1 41.1



#9
Trichlorofluoromethane
Concen: 6.129 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt Ion:101 Resp: 54196
Ion Ratio Lower Upper
101 100
103 64.7 51.5 77.3

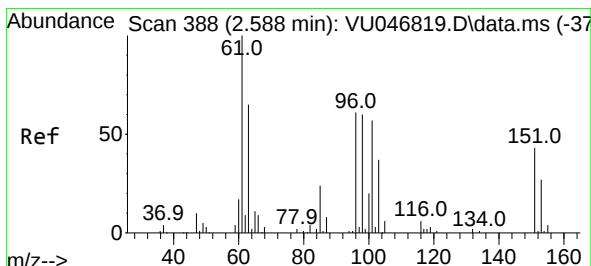
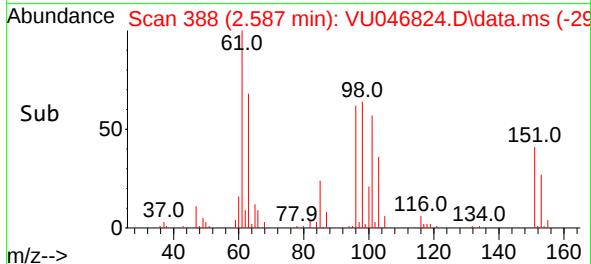
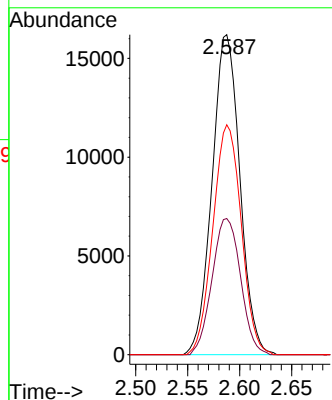
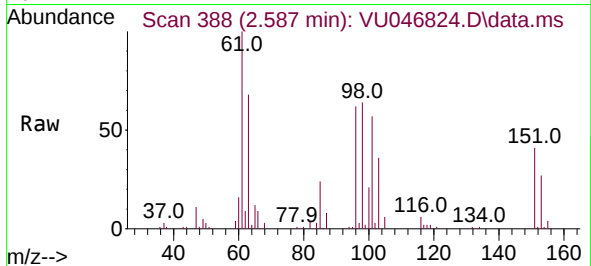




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.749 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046824.D
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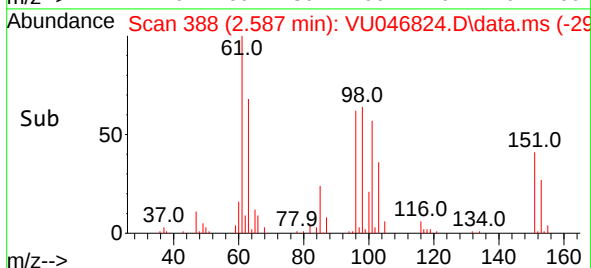
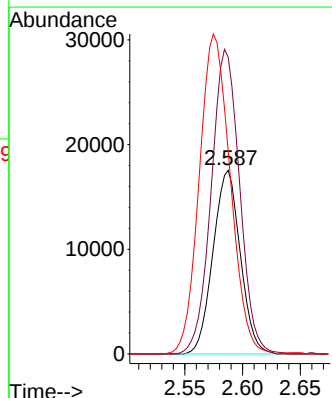
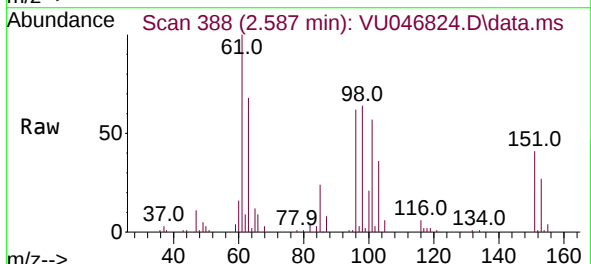
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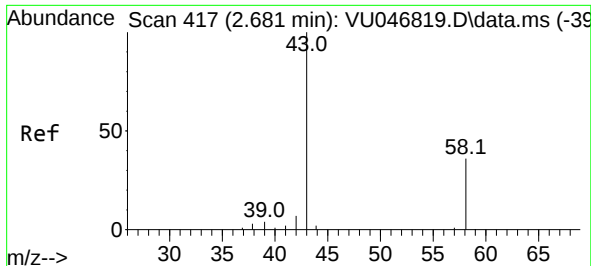
Tgt Ion:101 Resp: 30227
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.6 51.8
 151 73.3 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 5.729 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046824.D
 Acq: 21 Jan 2022 13:26

Tgt Ion: 96 Resp: 28783
 Ion Ratio Lower Upper
 96 100
 61 161.5 124.7 231.5
 63 110.6 105.2 195.4





#13

Acetone

Concen: 48.697 ug/L

RT: 2.678 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU046824.D

Acq: 21 Jan 2022 13:26

Instrument :

MSVOA_U

ClientSampleId :

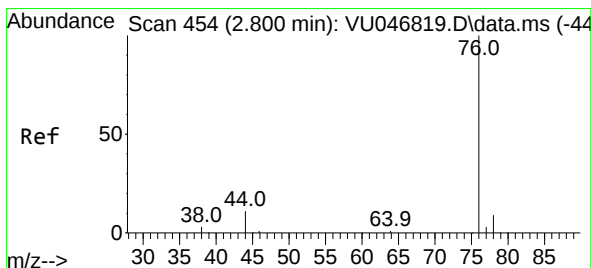
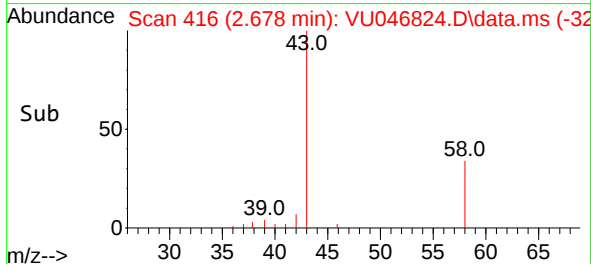
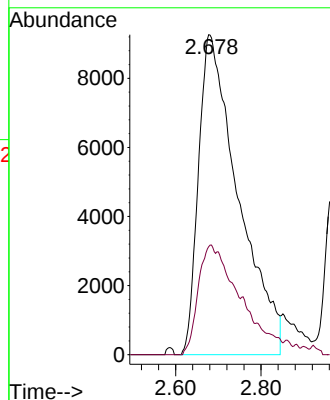
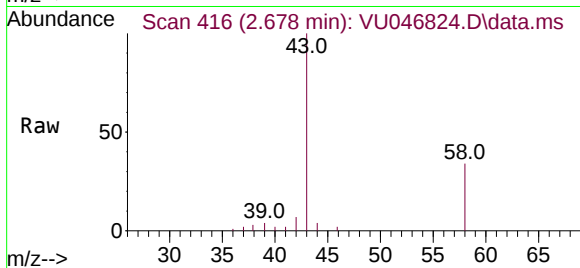
YAXB2MSD

Tgt Ion: 43 Resp: 59828

Ion Ratio Lower Upper

43 100

58 14.6 0.0 71.6



#14

Carbon disulfide

Concen: 5.417 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046824.D

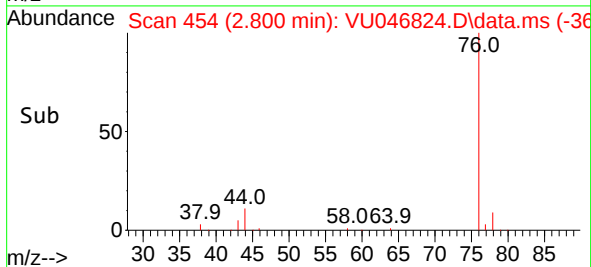
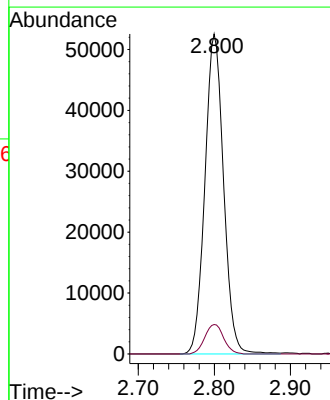
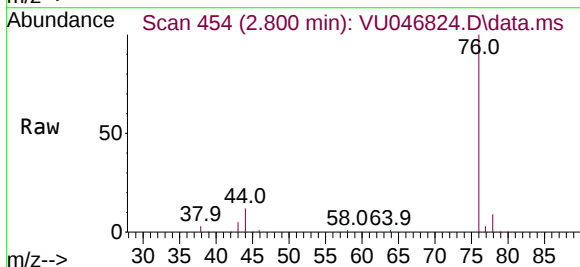
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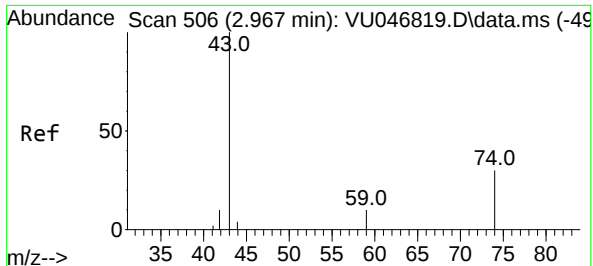
Tgt Ion: 76 Resp: 89397

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

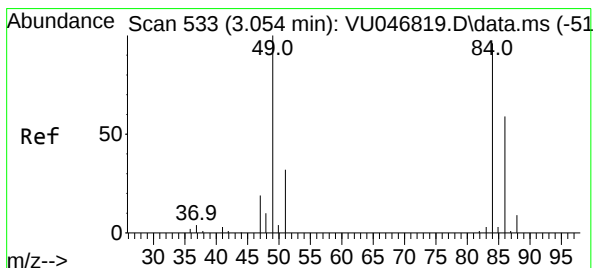
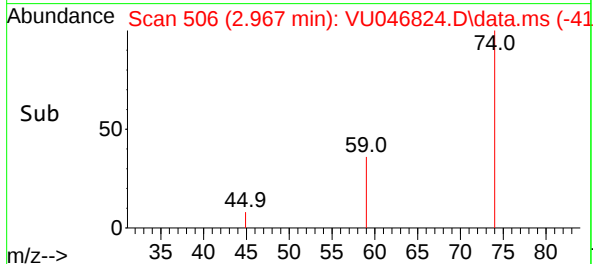
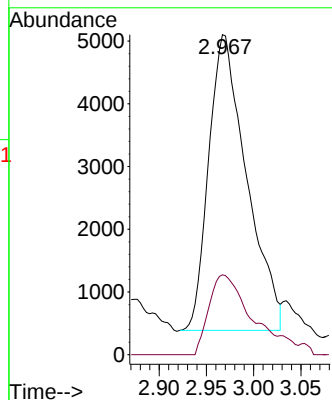
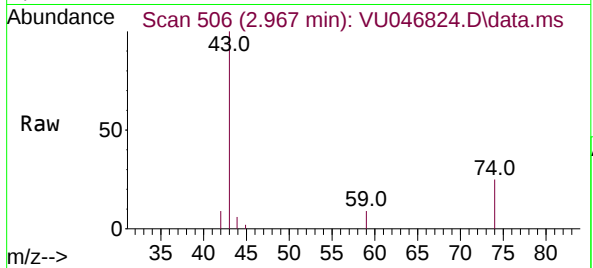




#15
Methyl Acetate
Concen: 4.904 ug/L
RT: 2.967 min Scan# 506
Delta R.T. -0.000 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

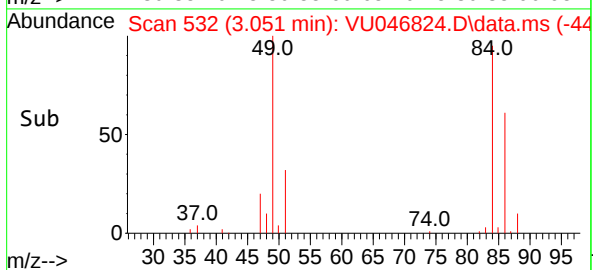
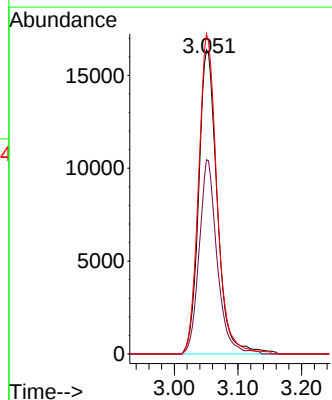
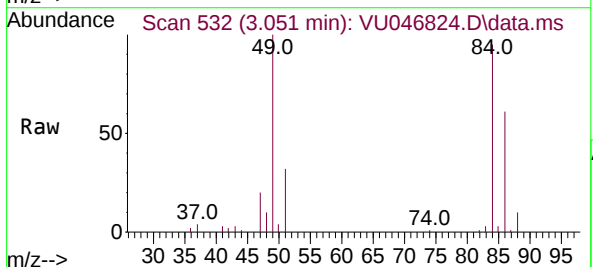
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MSD

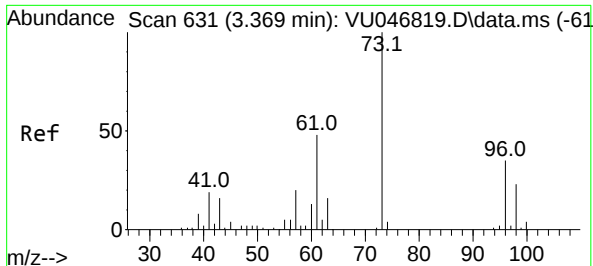
Tgt Ion: 43 Resp: 13159
Ion Ratio Lower Upper
43 100
74 31.2 19.1 28.7#



#16
Methylene chloride
Concen: 5.454 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt Ion: 84 Resp: 33096
Ion Ratio Lower Upper
84 100
86 63.9 45.8 85.0
49 105.2 84.5 156.9

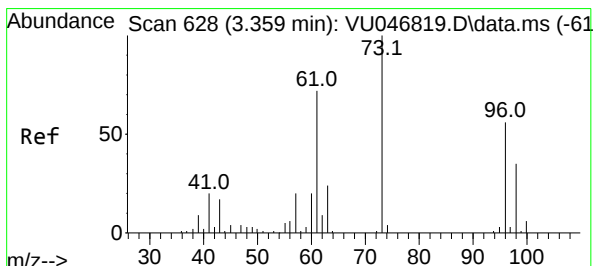
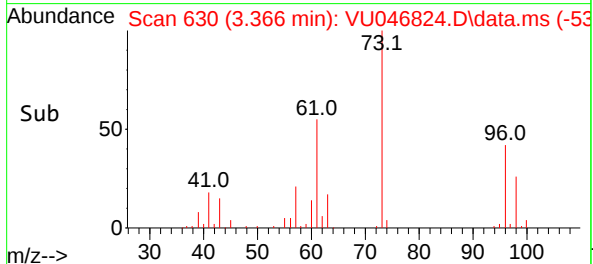
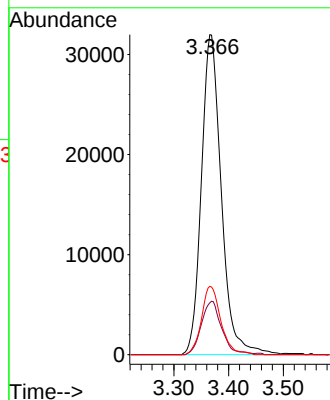
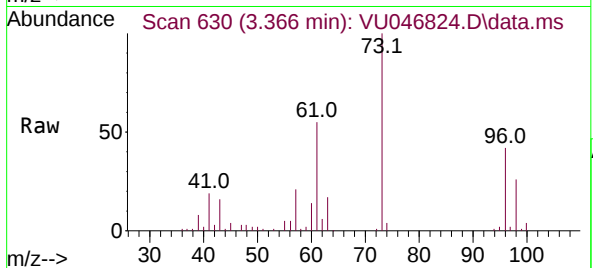




#17
Methyl tert-butyl Ether
Concen: 5.739 ug/L
RT: 3.366 min Scan# 611
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

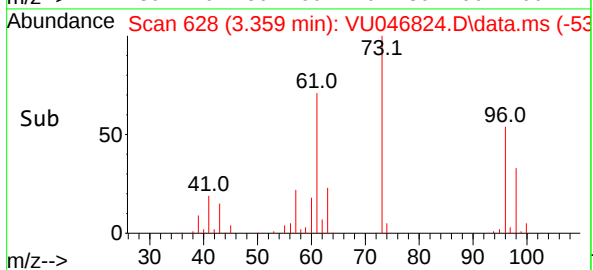
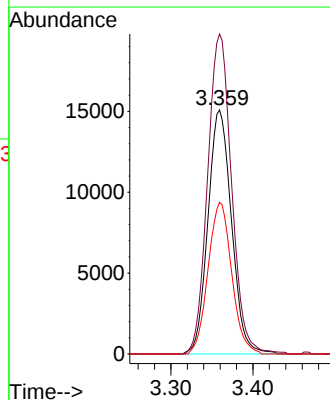
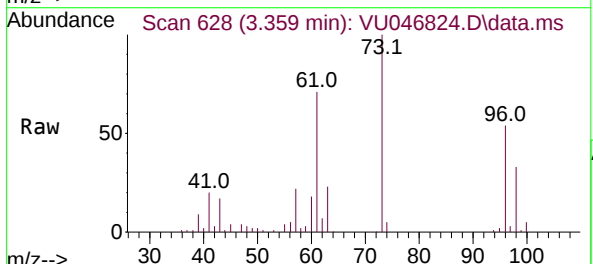
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MSD

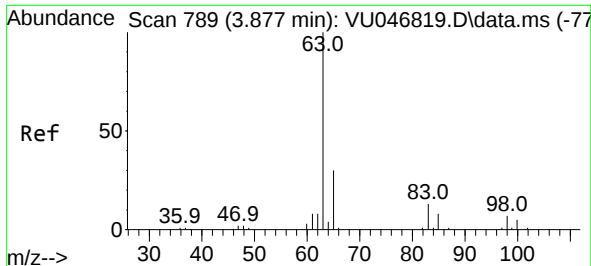
Tgt Ion: 73	Resp: 80911
Ion Ratio	Lower Upper
73	100
43	17.0 14.8 22.2
57	20.7 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 5.554 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt Ion: 96	Resp: 30228
Ion Ratio	Lower Upper
96	100
61	131.1 100.8 187.2
98	62.2 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.939 ug/L

RT: 3.874 min Scan# 71

Delta R.T. -0.003 min

Lab File: VU046824.D

Acq: 21 Jan 2022 13:26

Instrument :

MSVOA_U

ClientSampleId :

YAXB2MSD

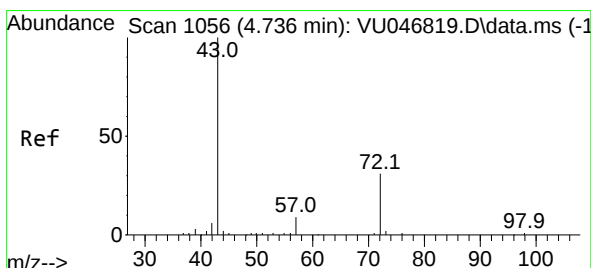
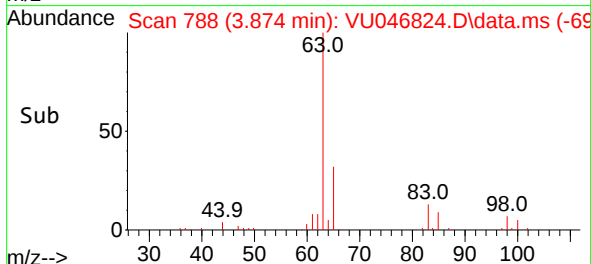
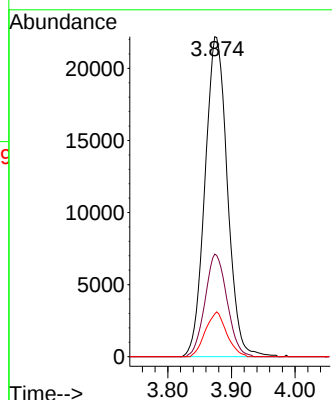
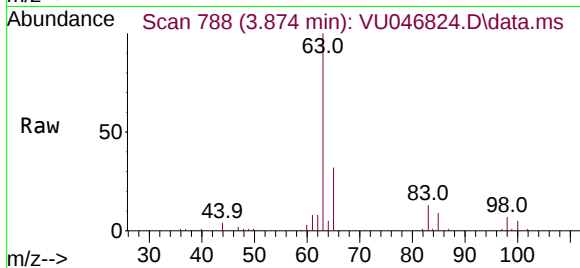
Tgt Ion: 63 Resp: 54261

Ion Ratio Lower Upper

63 100

65 32.0 22.3 41.5

83 13.4 9.6 17.8



#21

2-Butanone

Concen: 54.955 ug/L

RT: 4.729 min Scan# 1054

Delta R.T. -0.007 min

Lab File: VU046824.D

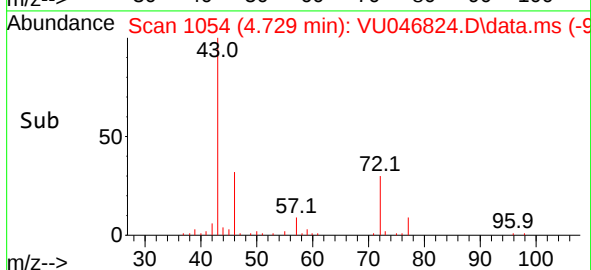
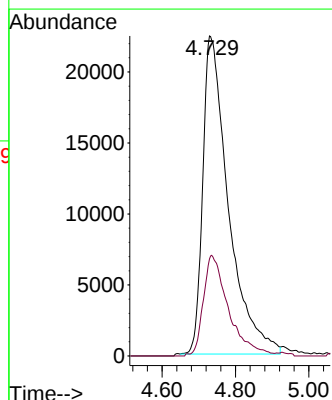
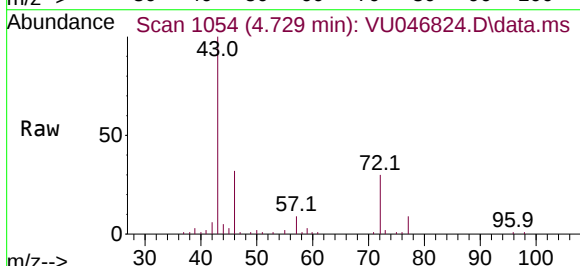
Acq: 21 Jan 2022 13:26

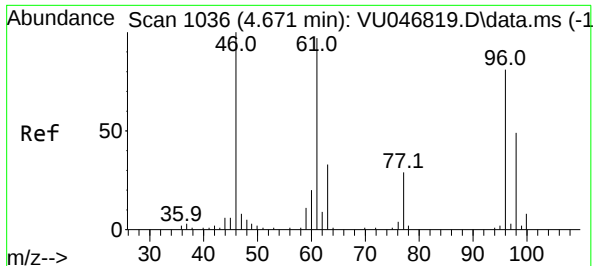
Tgt Ion: 43 Resp: 108582

Ion Ratio Lower Upper

43 100

72 29.3 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 5.695 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU046824.D

Acq: 21 Jan 2022 13:26

Instrument :

MSVOA_U

ClientSampleId :

YAXB2MSD

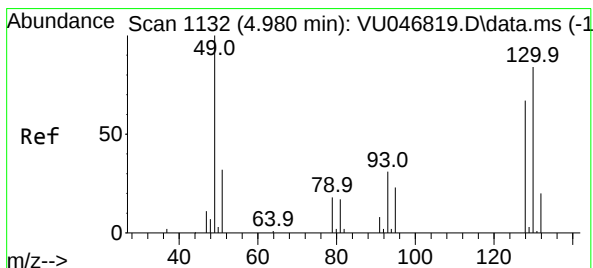
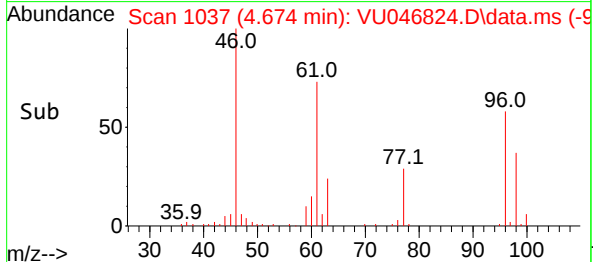
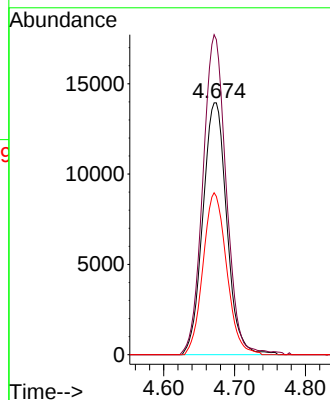
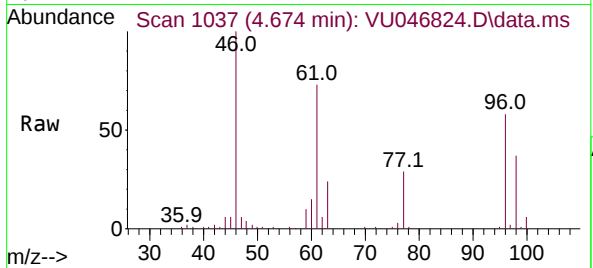
Tgt Ion: 96 Resp: 32695

Ion Ratio Lower Upper

96 100

61 125.1 88.5 164.3

98 62.8 44.4 82.5



#23

Bromochloromethane

Concen: 5.644 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU046824.D

Acq: 21 Jan 2022 13:26

Tgt Ion: 128 Resp: 15941

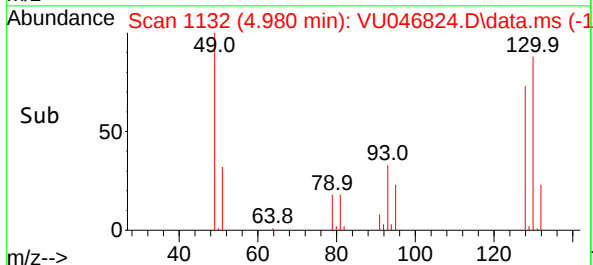
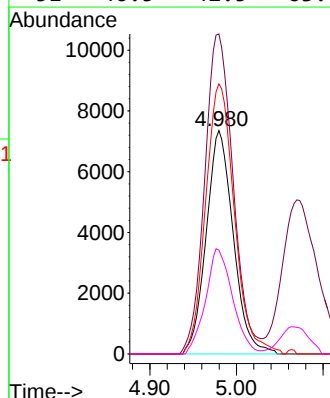
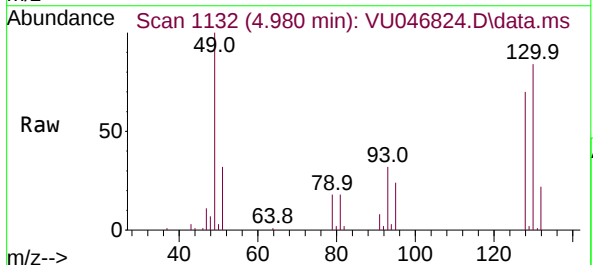
Ion Ratio Lower Upper

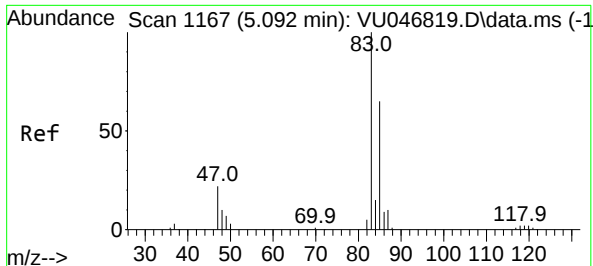
128 100

49 143.3 117.0 217.2

130 120.9 88.2 163.8

51 46.5 42.5 63.7





#25

Chloroform

Concen: 3.891 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046824.D

Acq: 21 Jan 2022 13:26

Instrument :

MSVOA_U

ClientSampleId :

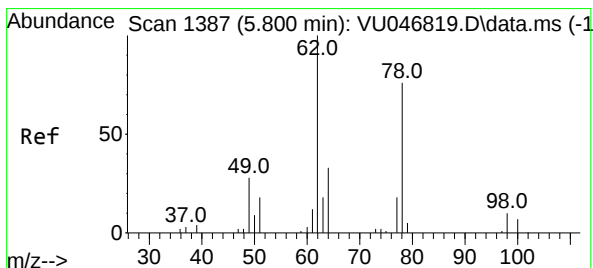
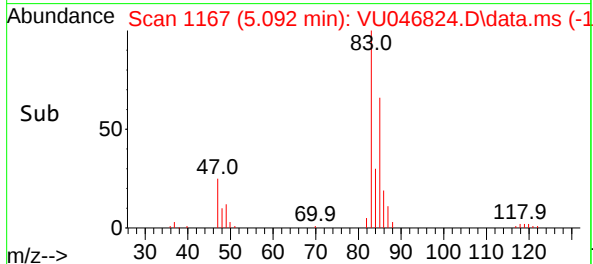
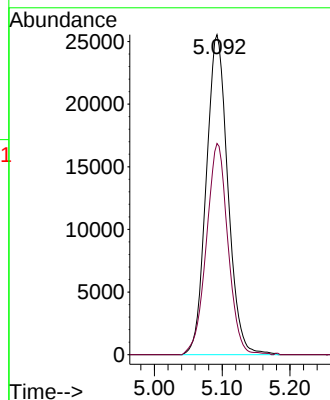
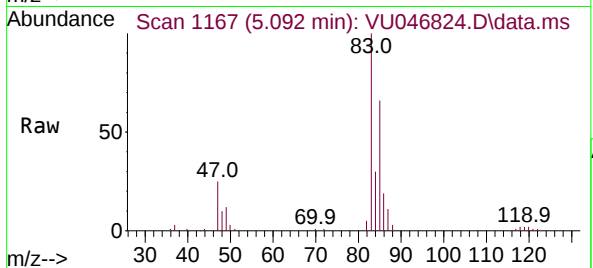
YAXB2MSD

Tgt Ion: 83 Resp: 56430

Ion Ratio Lower Upper

83 100

85 66.0 46.9 87.1



#27

1,2-Dichloroethane

Concen: 6.206 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU046824.D

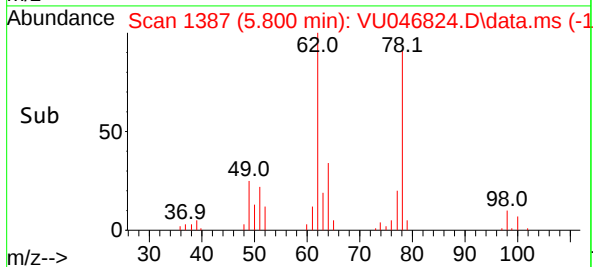
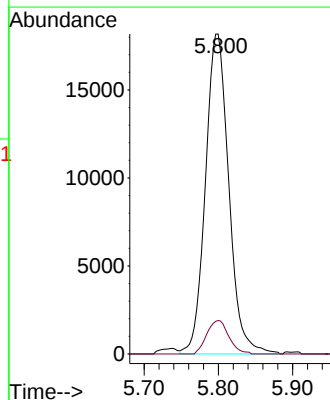
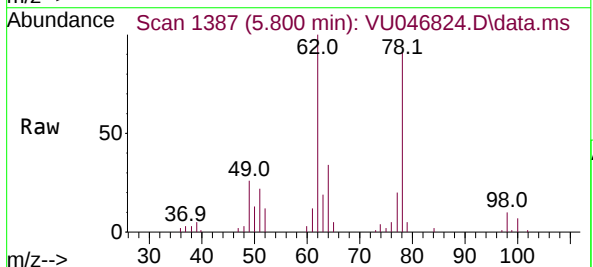
Acq: 21 Jan 2022 13:26

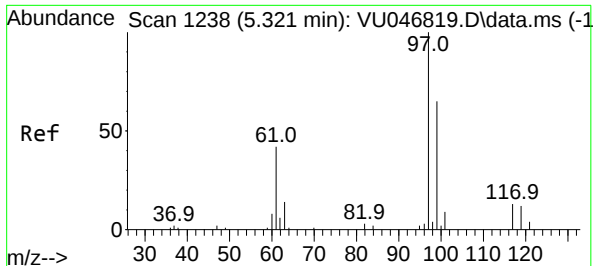
Tgt Ion: 62 Resp: 39722

Ion Ratio Lower Upper

62 100

98 10.4 7.8 11.8

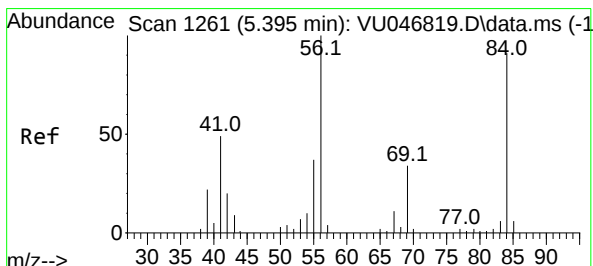
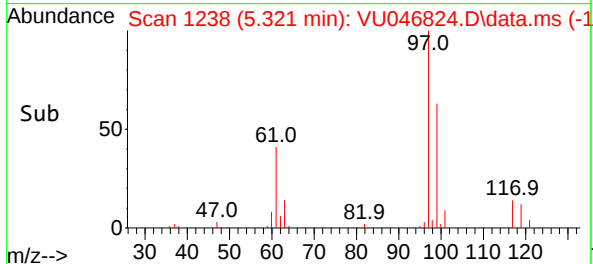
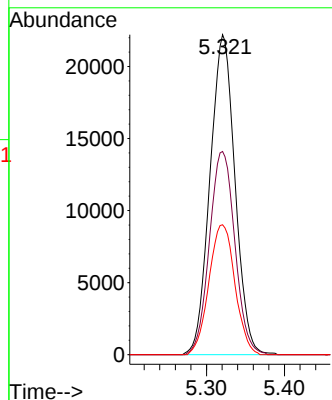
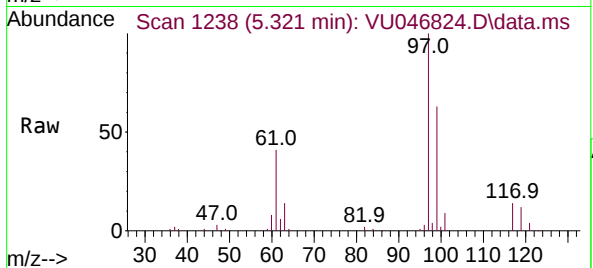




#29
1,1,1-Trichloroethane
Concen: 5.812 ug/L
RT: 5.321 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

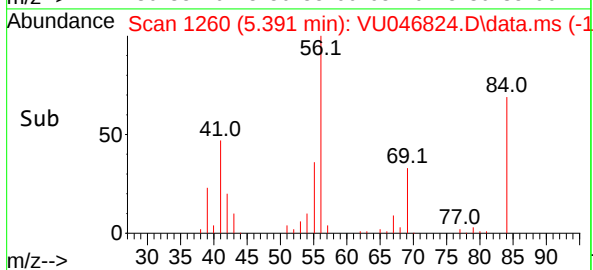
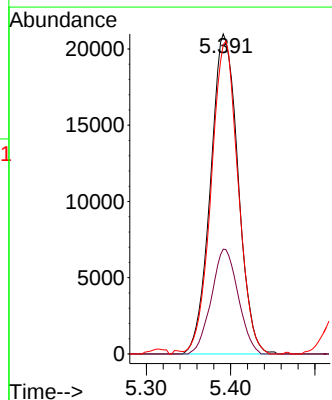
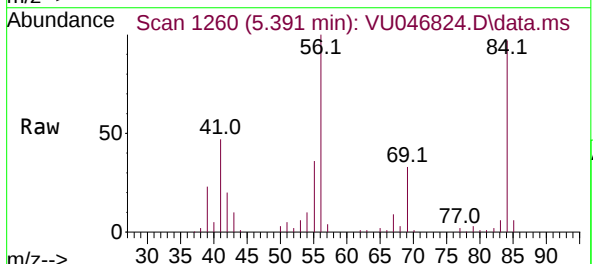
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MSD

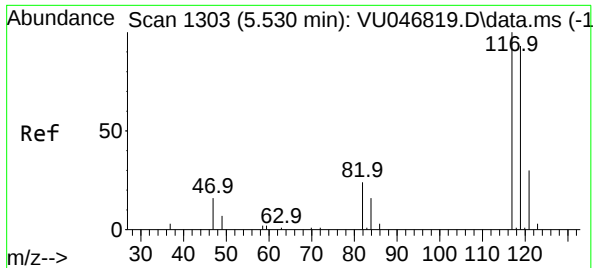
Tgt Ion: 97	Resp: 49500
Ion Ratio	Lower Upper
97 100	
99 64.8	51.3 76.9
61 42.3	36.1 54.1



#30
Cyclohexane
Concen: 5.505 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt Ion: 56	Resp: 47553
Ion Ratio	Lower Upper
56 100	
69 31.9	24.7 37.1
84 95.6	71.8 107.6

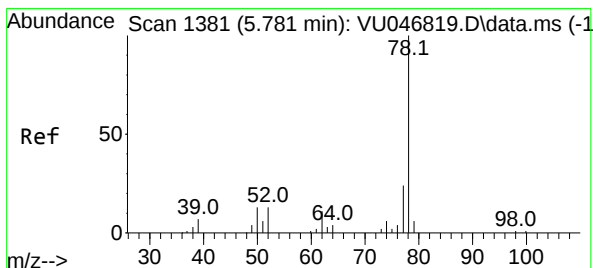
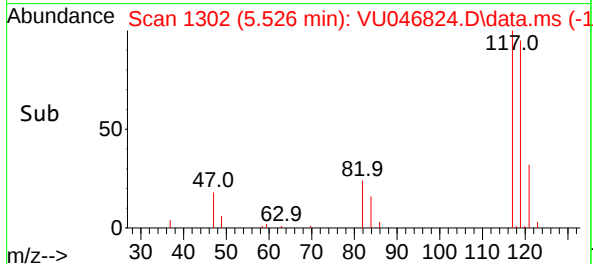
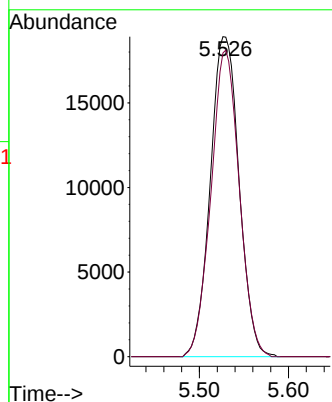
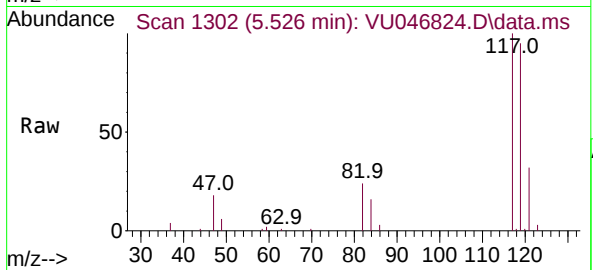




#31
Carbon tetrachloride
Concen: 5.816 ug/L
RT: 5.526 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

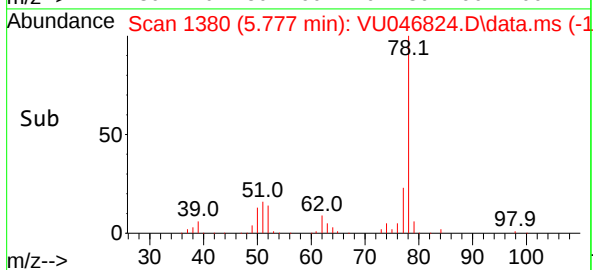
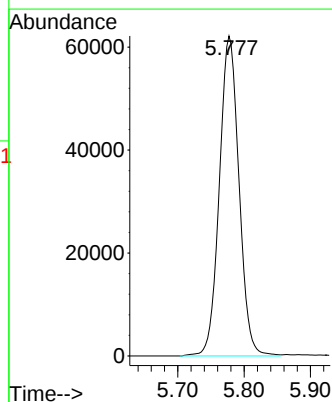
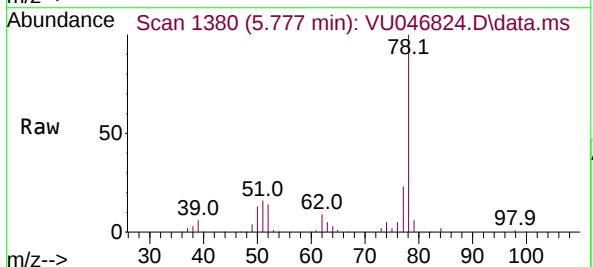
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MSD

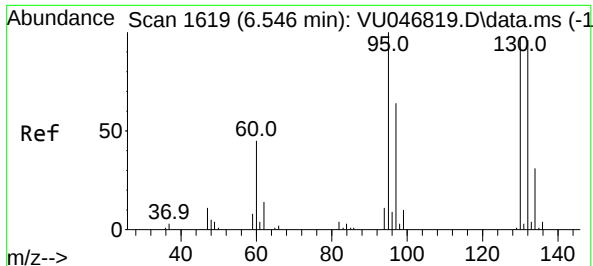
Tgt Ion:117 Resp: 42500
Ion Ratio Lower Upper
117 100
119 94.0 77.5 116.3



#33
Benzene
Concen: 5.736 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt Ion: 78 Resp: 127704

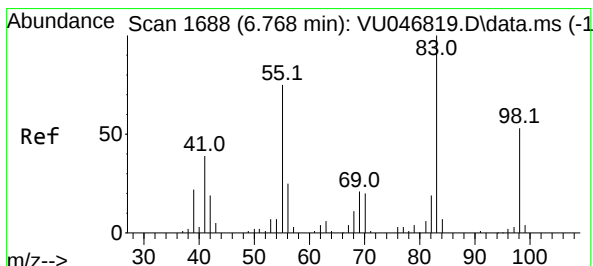
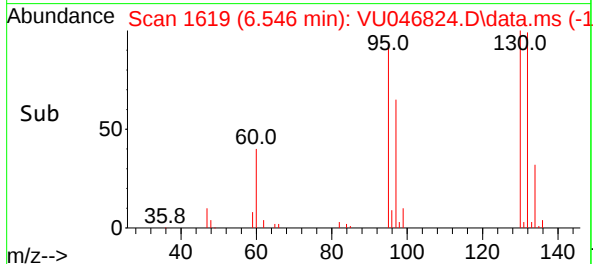
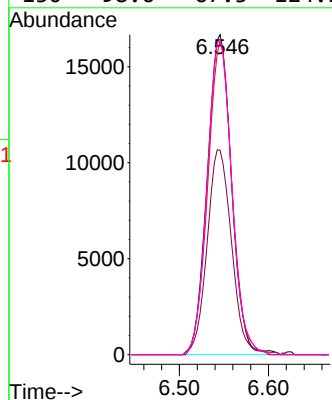
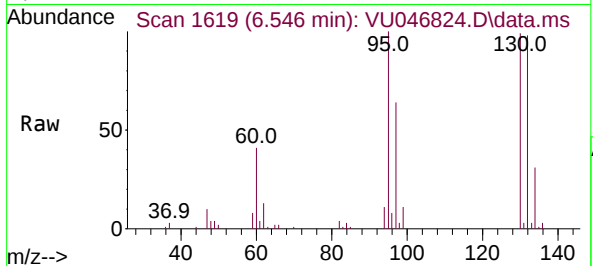




#34
Trichloroethene
Concen: 5.469 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

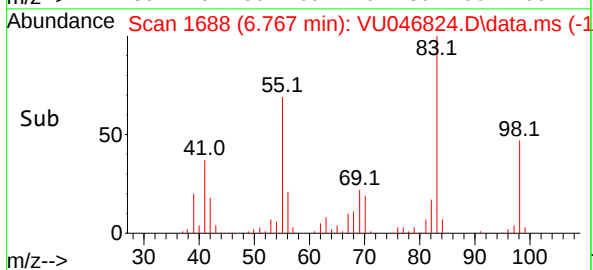
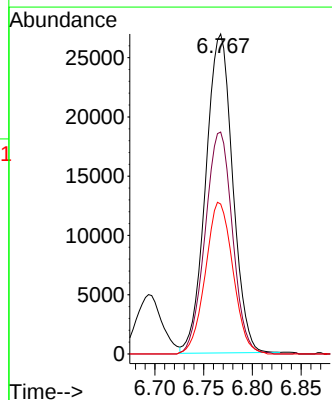
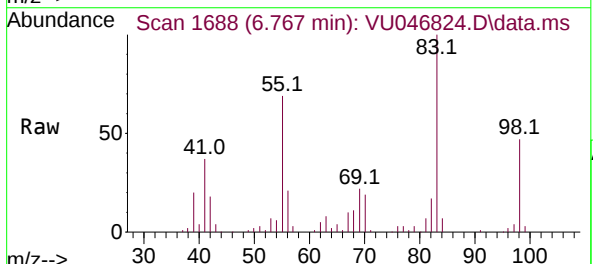
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MSD

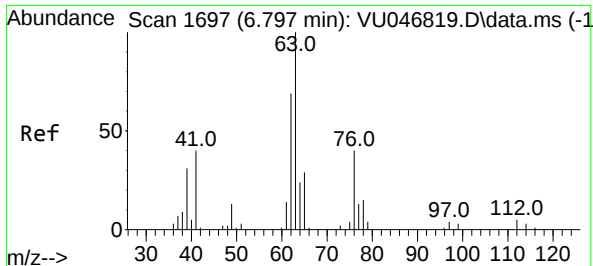
Tgt Ion: 95 Resp: 31615
Ion Ratio Lower Upper
95 100
97 63.9 46.5 86.5
132 97.9 65.1 120.9
130 98.6 67.3 124.9



#35
Methylcyclohexane
Concen: 5.343 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt Ion: 83 Resp: 51735
Ion Ratio Lower Upper
83 100
55 70.7 61.9 92.9
98 48.6 39.0 58.6

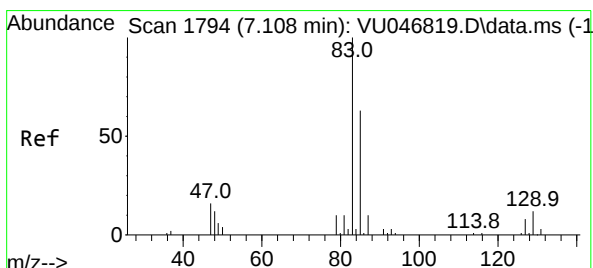
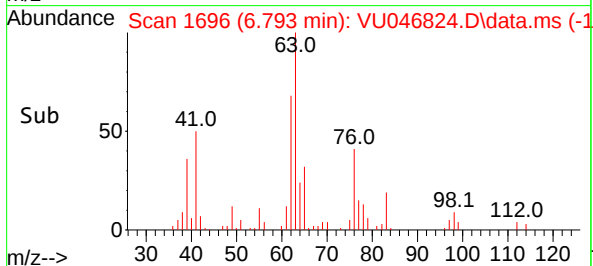
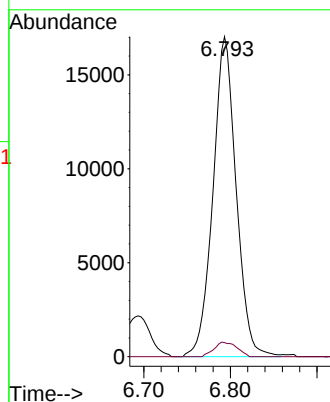
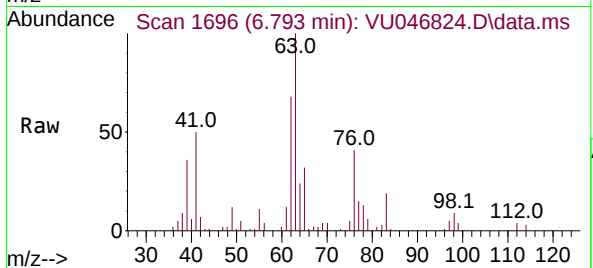




#37
1,2-Dichloropropane
Concen: 5.804 ug/L
RT: 6.793 min Scan# 1697
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

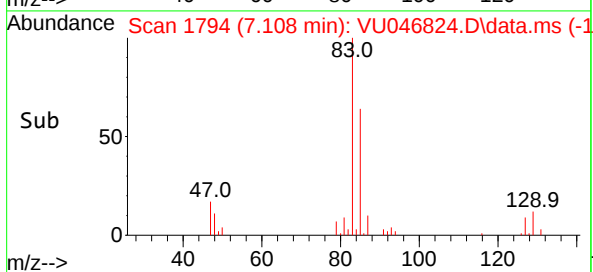
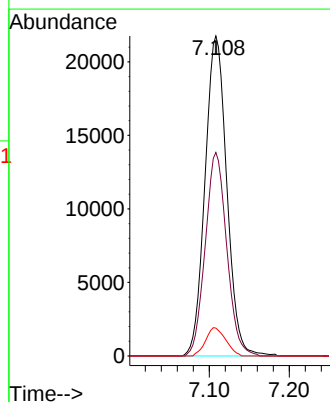
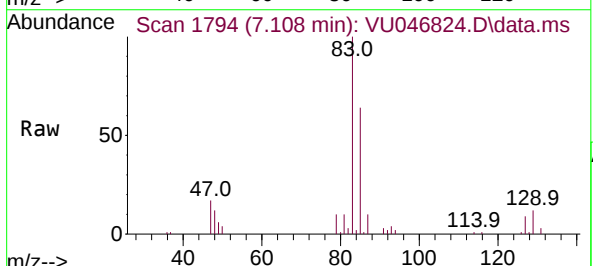
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MSD

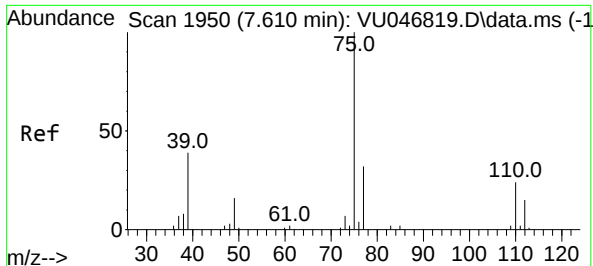
Tgt Ion: 63 Resp: 31697
Ion Ratio Lower Upper
63 100
112 4.4 3.2 4.8



#38
Bromodichloromethane
Concen: 5.242 ug/L
RT: 7.108 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt Ion: 83 Resp: 41201
Ion Ratio Lower Upper
83 100
85 63.6 44.0 81.8
127 8.7 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.610 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046824.D

Acq: 21 Jan 2022 13:26

Instrument :

MSVOA_U

ClientSampleId :

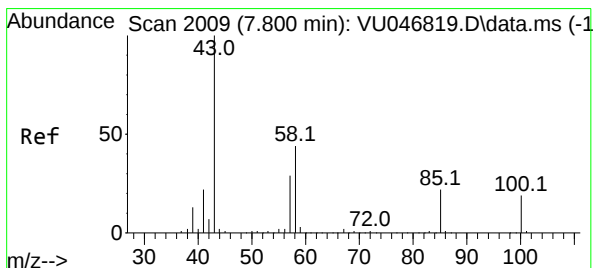
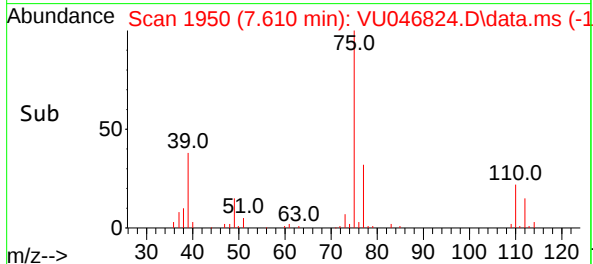
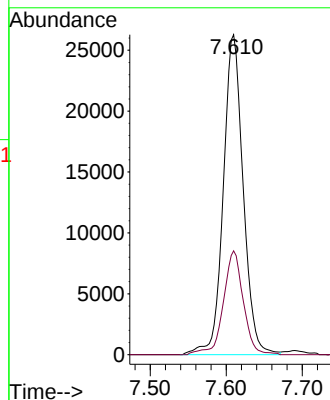
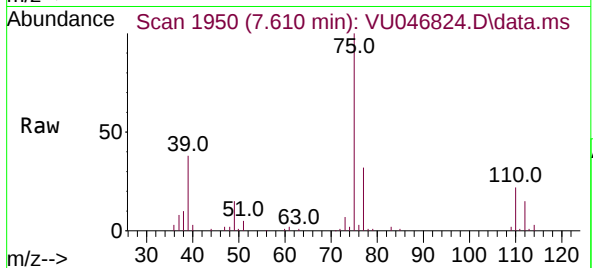
YAXB2MSD

Tgt Ion: 75 Resp: 47802

Ion Ratio Lower Upper

75 100

77 32.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 62.089 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.003 min

Lab File: VU046824.D

Acq: 21 Jan 2022 13:26

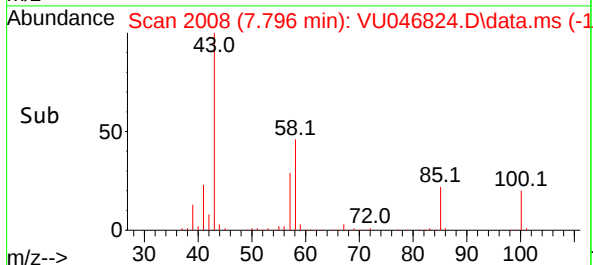
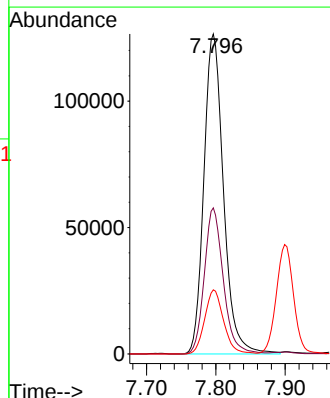
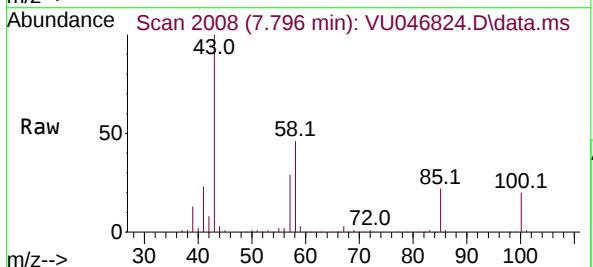
Tgt Ion: 43 Resp: 248592

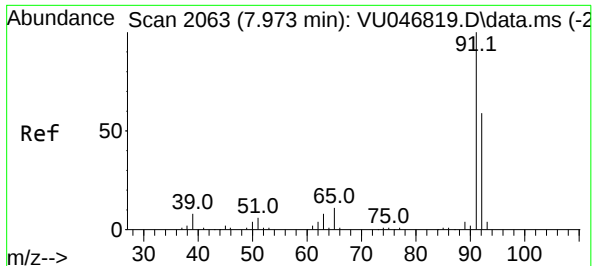
Ion Ratio Lower Upper

43 100

58 44.3 33.1 49.7

100 19.3 13.2 19.8





#42

Toluene

Concen: 5.124 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046824.D

Acq: 21 Jan 2022 13:26

Instrument :

MSVOA_U

ClientSampleId :

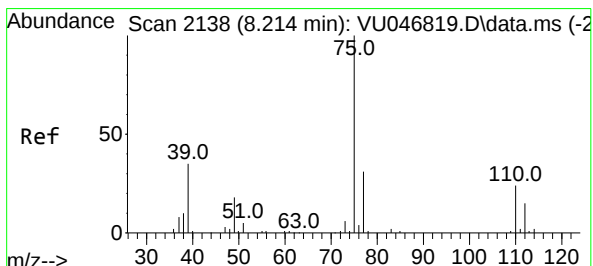
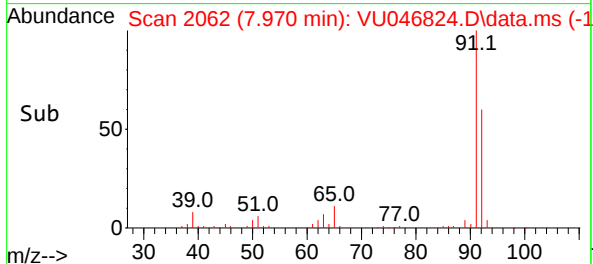
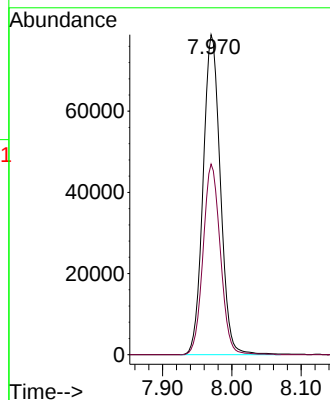
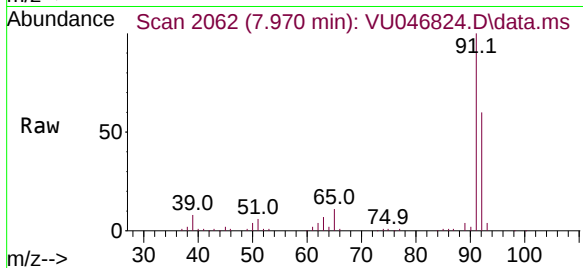
YAXB2MSD

Tgt Ion: 91 Resp: 136347

Ion Ratio Lower Upper

91 100

92 59.5 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.784 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046824.D

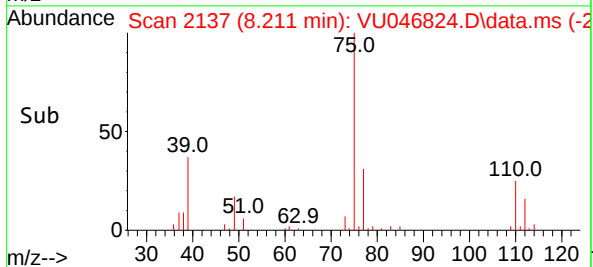
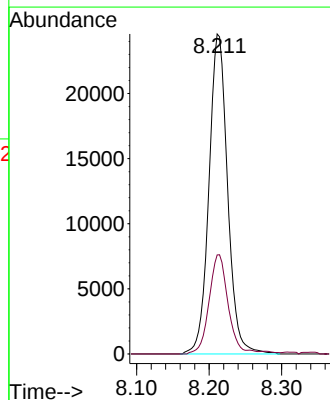
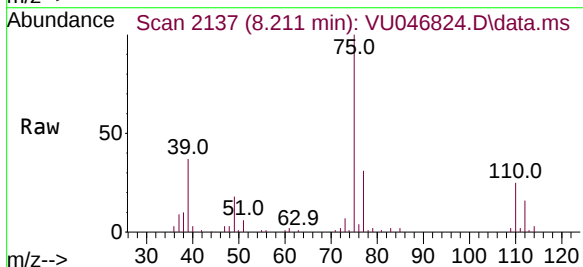
Acq: 21 Jan 2022 13:26

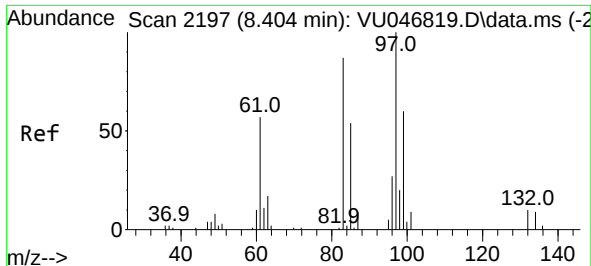
Tgt Ion: 75 Resp: 43906

Ion Ratio Lower Upper

75 100

77 31.0 22.7 42.3

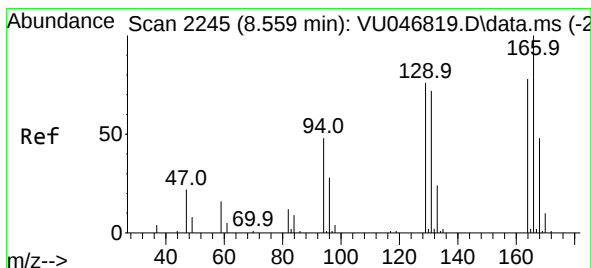
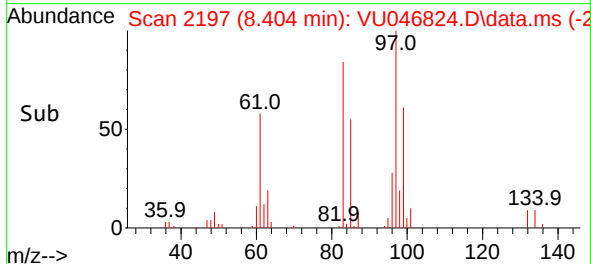
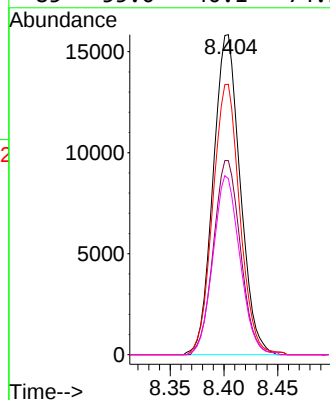
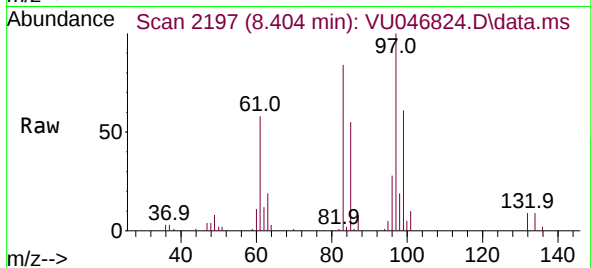




#45
1,1,2-Trichloroethane
Concen: 5.952 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

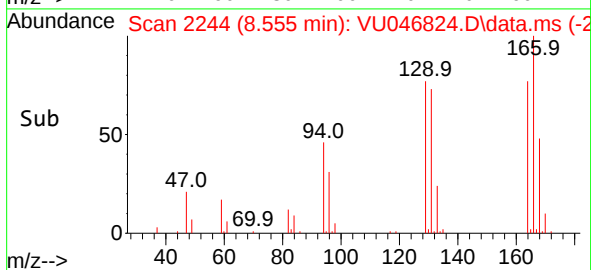
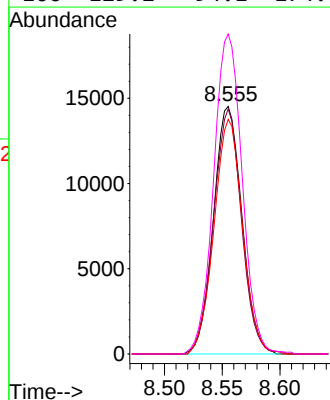
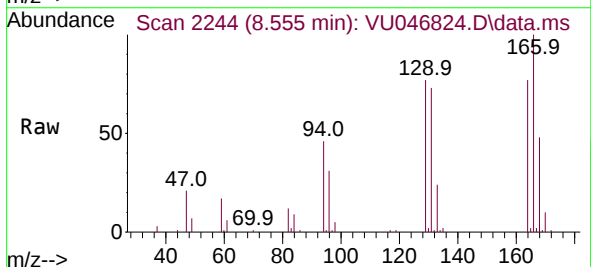
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MSD

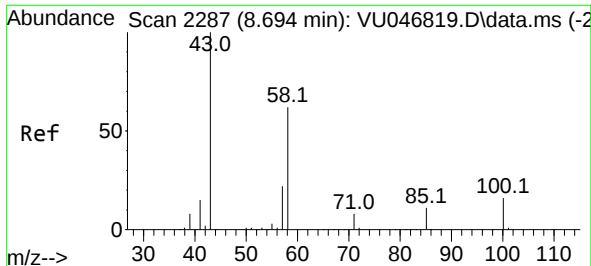
Tgt Ion: 97	Resp: 27653
Ion Ratio	Lower Upper
97 100	
99 60.6	42.3 78.5
83 84.5	62.0 115.2
85 55.0	40.1 74.5



#47
Tetrachloroethene
Concen: 5.285 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt	Ion:164	Resp:	24844
Ion	Ratio	Lower	Upper
164	100		
129	98.9	71.8	133.4
131	94.7	68.5	127.3
166	129.2	94.1	174.8



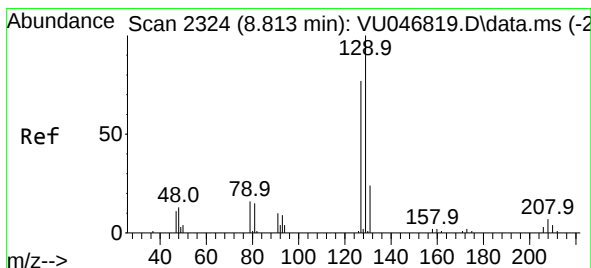
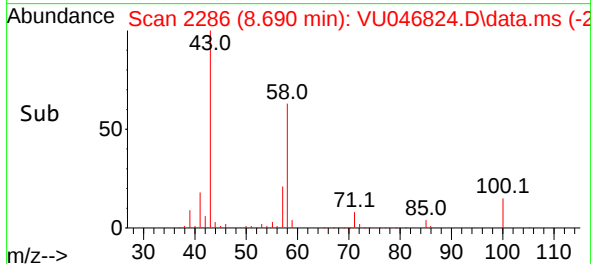
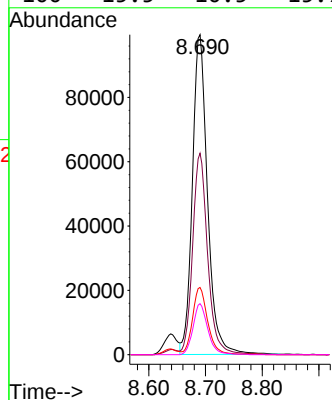
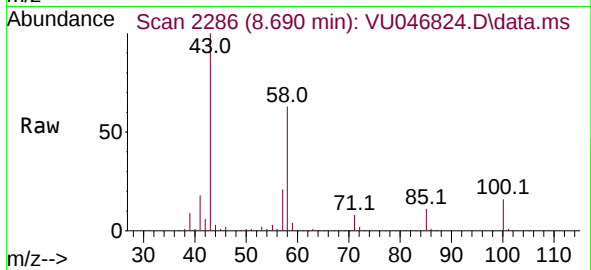


#48
2-Hexanone
Concen: 61.007 ug/L
RT: 8.690 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Instrument :
MSVOA_U
ClientSampleId :
YAXB2MSD

Tgt Ion: 43 Resp: 184373

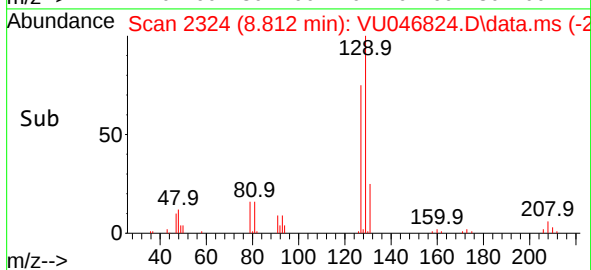
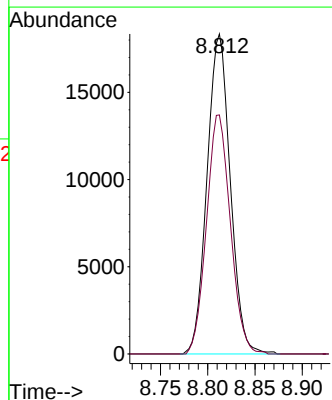
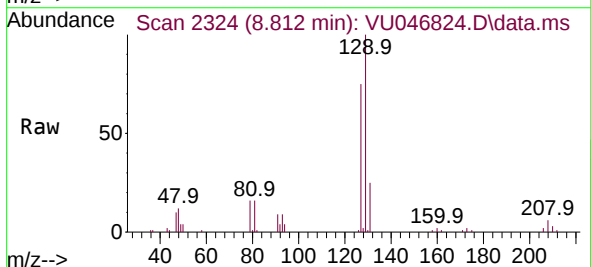
Ion	Ratio	Lower	Upper
43	100		
58	62.2	46.7	70.1
57	20.7	16.3	24.5
100	15.5	10.5	15.7

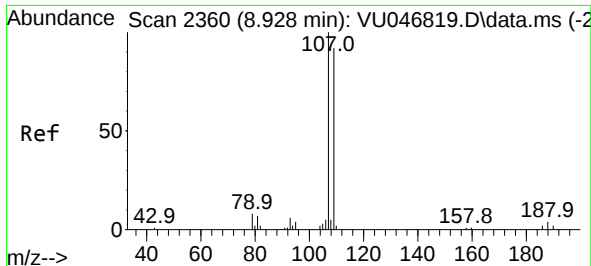


#49
Dibromochloromethane
Concen: 5.733 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt Ion: 129 Resp: 31420

Ion	Ratio	Lower	Upper
129	100		
127	74.7	55.4	102.8

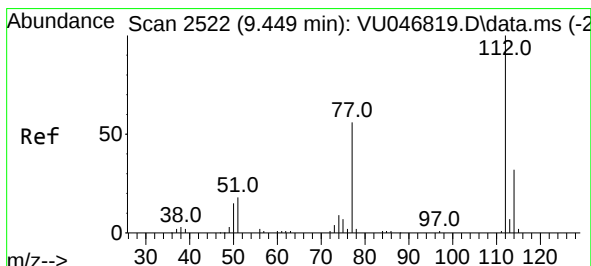
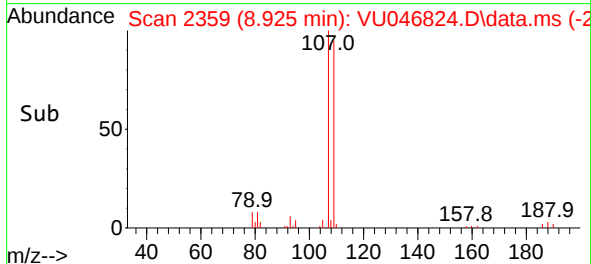
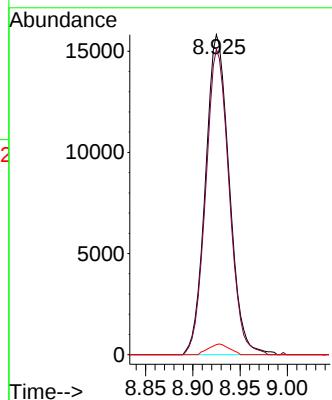
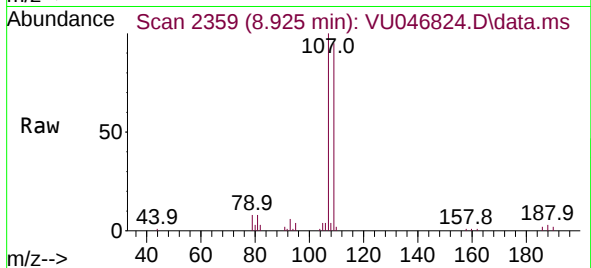




#50
1,2-Dibromoethane
Concen: 5.886 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

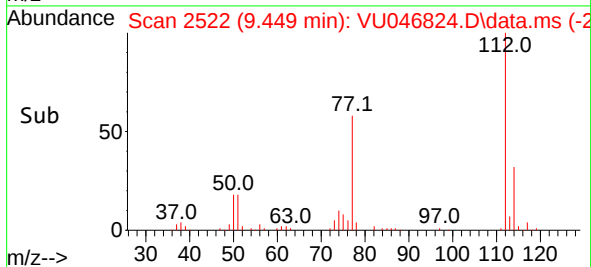
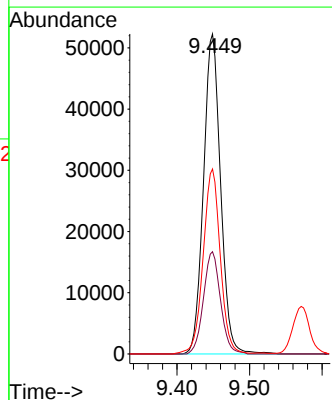
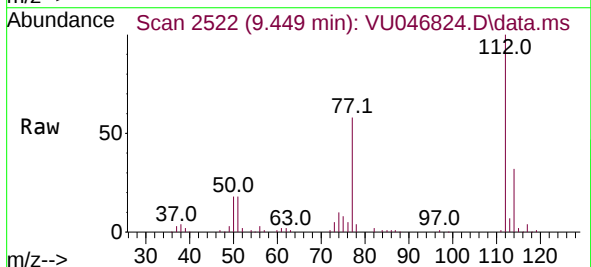
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MSD

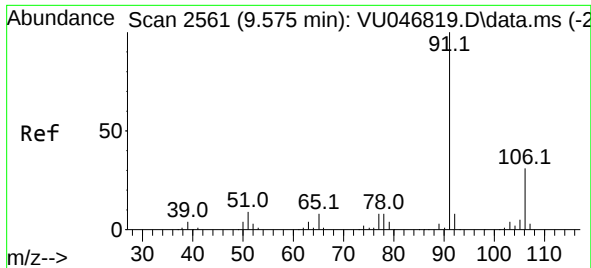
Tgt Ion:107 Resp: 27719
Ion Ratio Lower Upper
107 100
109 95.5 64.0 119.0
188 3.1 2.4 3.6



#51
Chlorobenzene
Concen: 5.540 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt Ion:112 Resp: 85617
Ion Ratio Lower Upper
112 100
114 31.9 22.1 41.1
77 57.8 48.3 72.5

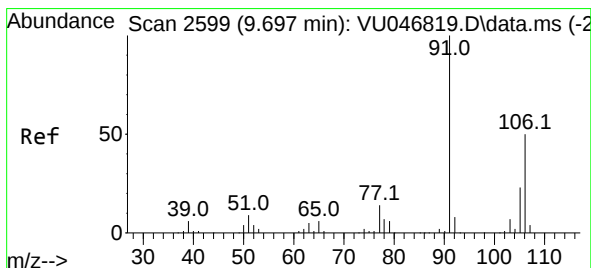
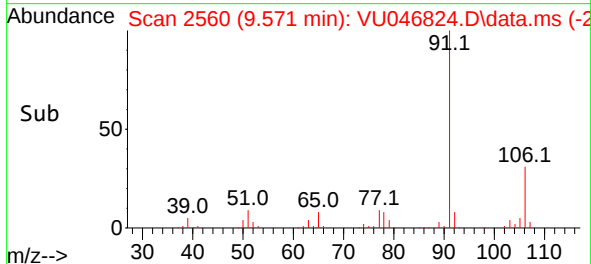
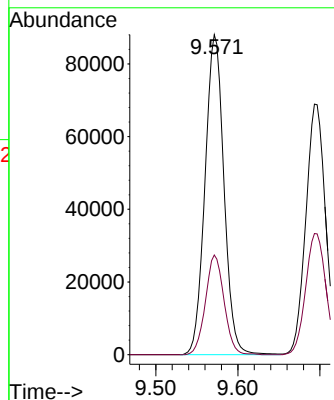
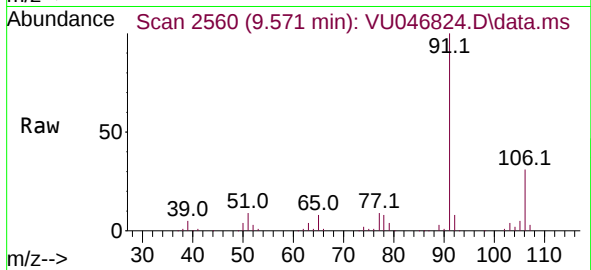




#52
Ethylbenzene
Concen: 5.585 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

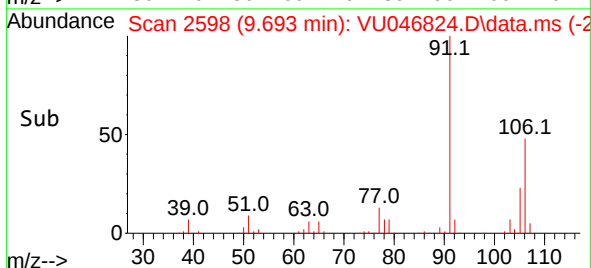
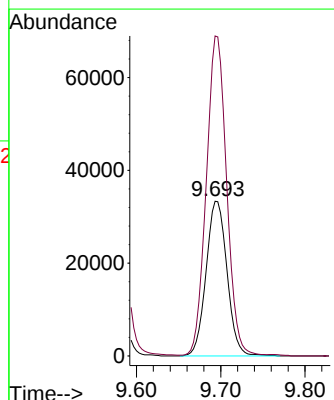
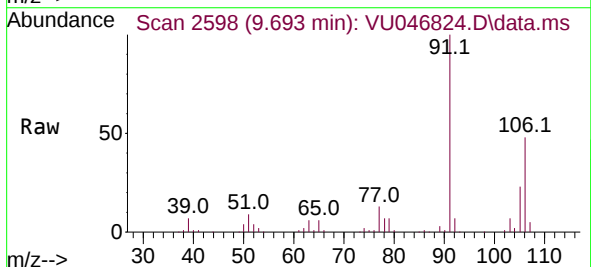
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MSD

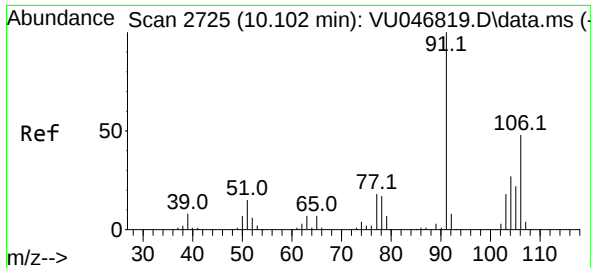
Tgt Ion: 91 Resp: 141303
Ion Ratio Lower Upper
91 100
106 31.2 21.5 39.9



#53
m,p-Xylene
Concen: 5.715 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt Ion:106 Resp: 57633
Ion Ratio Lower Upper
106 100
91 206.9 139.4 259.0

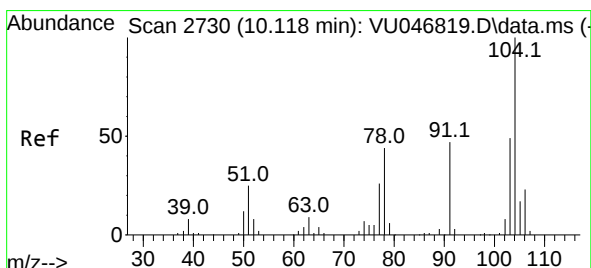
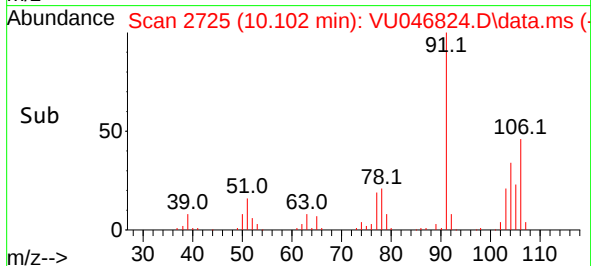
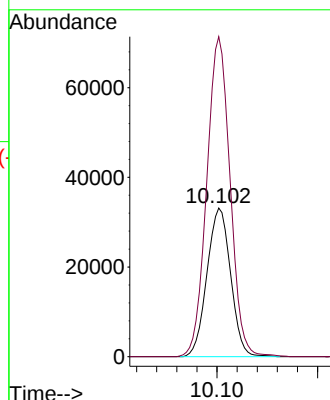
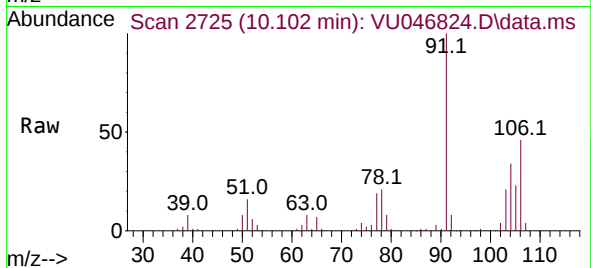




#54
o-Xylene
Concen: 5.537 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

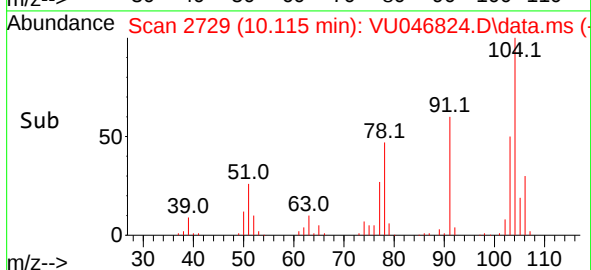
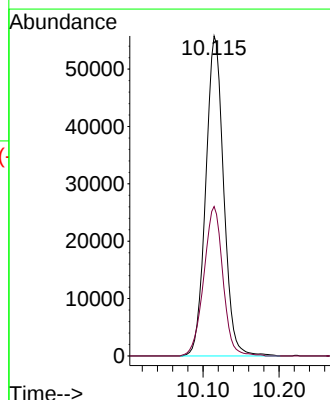
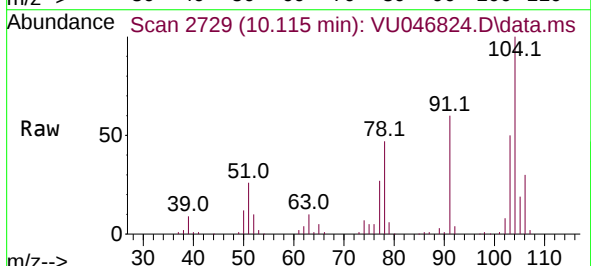
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MSD

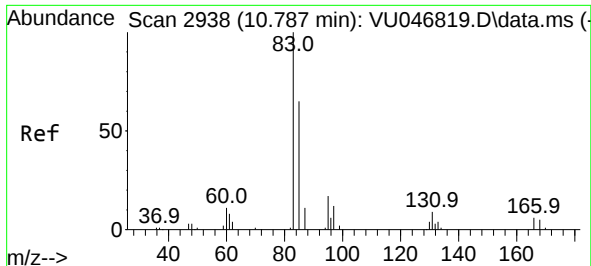
Tgt Ion:106 Resp: 54124
Ion Ratio Lower Upper
106 100
91 215.2 147.5 273.9



#55
Styrene
Concen: 5.702 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt Ion:104 Resp: 91181
Ion Ratio Lower Upper
104 100
78 46.7 33.0 61.4

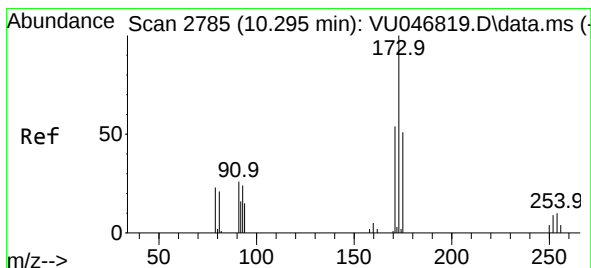
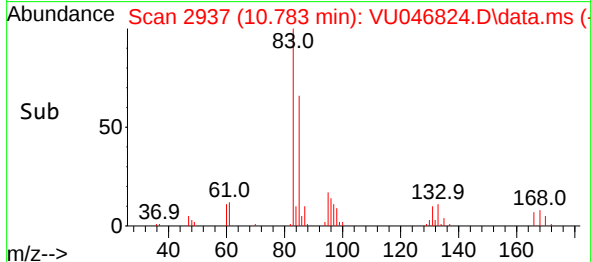
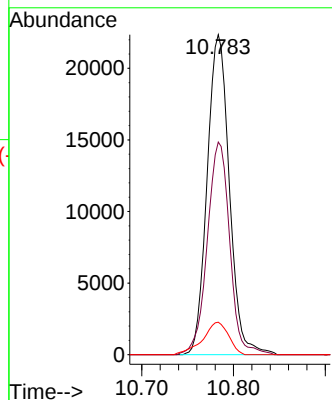
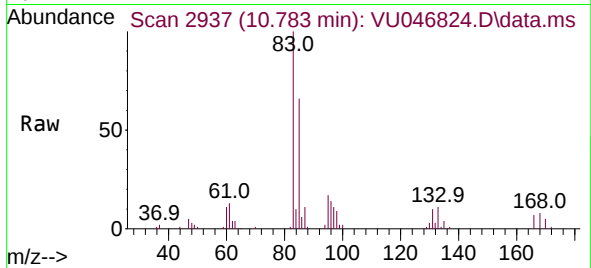




#57
1,1,2,2-Tetrachloroethane
Concen: 6.018 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

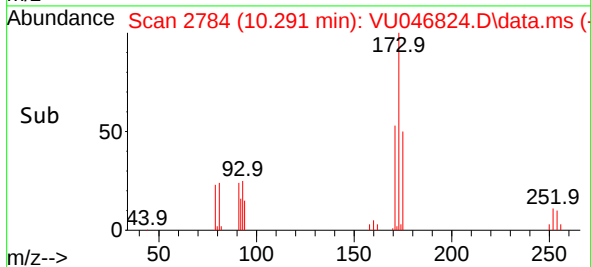
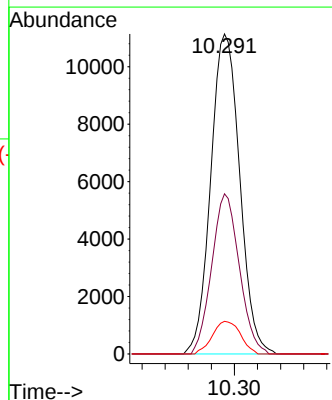
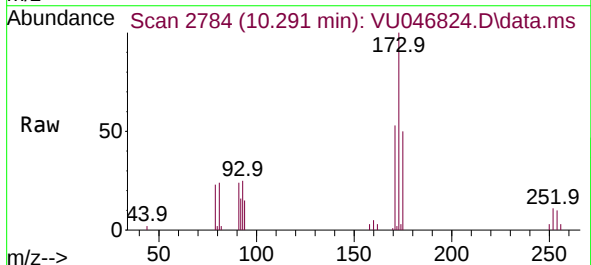
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MSD

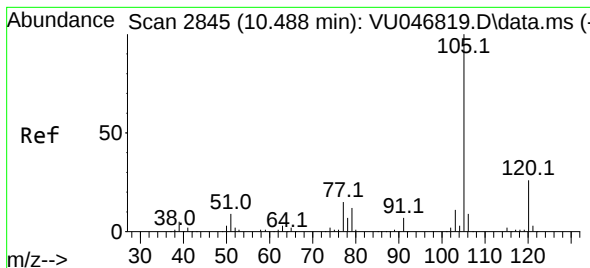
Tgt Ion: 83 Resp: 37606
Ion Ratio Lower Upper
83 100
85 66.5 47.9 89.1
131 10.1 8.1 12.1



#59
Bromoform
Concen: 5.828 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt Ion:173 Resp: 19363
Ion Ratio Lower Upper
173 100
175 47.7 37.8 56.6
254 9.9 7.3 10.9





#60

Isopropylbenzene

Concen: 5.624 ug/L

RT: 10.484 min Scan# 2845

Delta R.T. -0.003 min

Lab File: VU046824.D

Acq: 21 Jan 2022 13:26

Instrument :

MSVOA_U

ClientSampleId :

YAXB2MSD

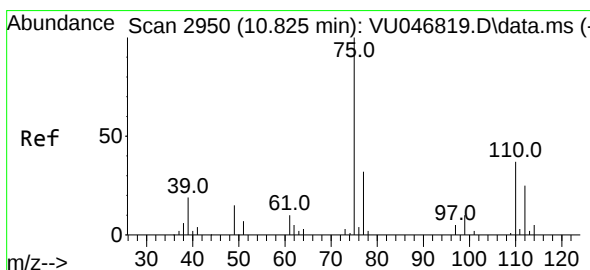
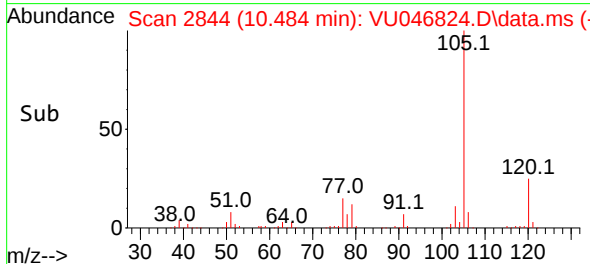
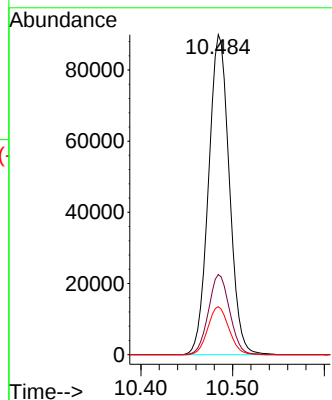
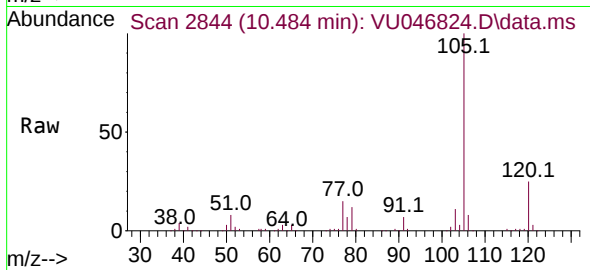
Tgt Ion:105 Resp: 141332

Ion Ratio Lower Upper

105 100

120 25.6 20.7 31.1

77 15.2 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 6.141 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU046824.D

Acq: 21 Jan 2022 13:26

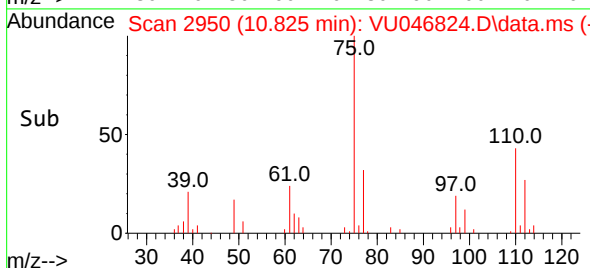
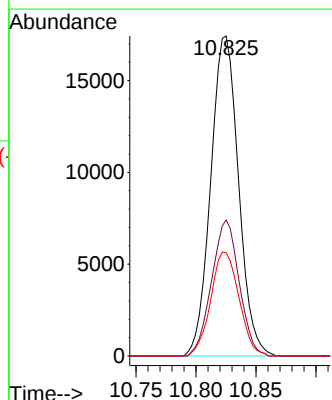
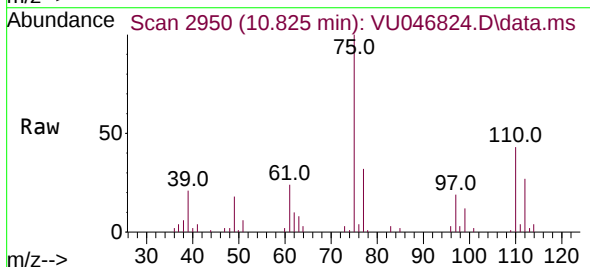
Tgt Ion: 75 Resp: 28071

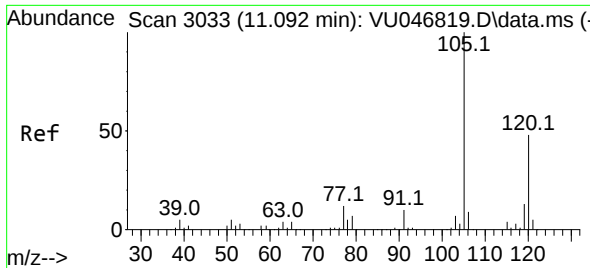
Ion Ratio Lower Upper

75 100

110 42.0 29.9 44.9

77 33.0 25.5 38.3

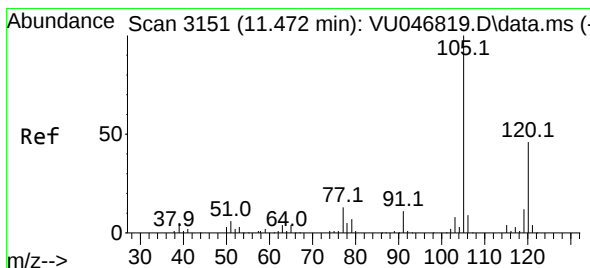
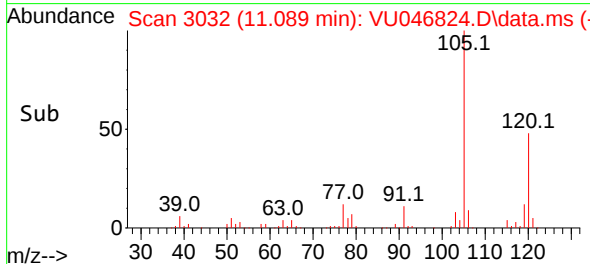
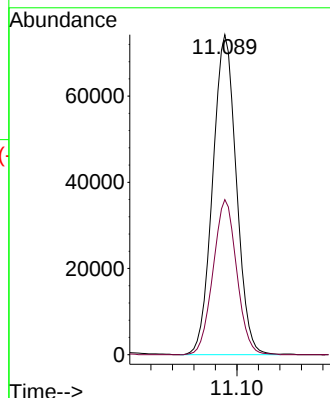
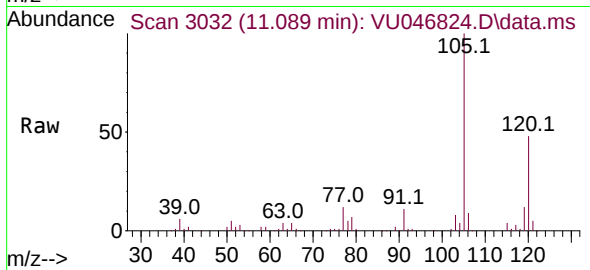




#62
1,3,5-Trimethylbenzene
Concen: 5.500 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

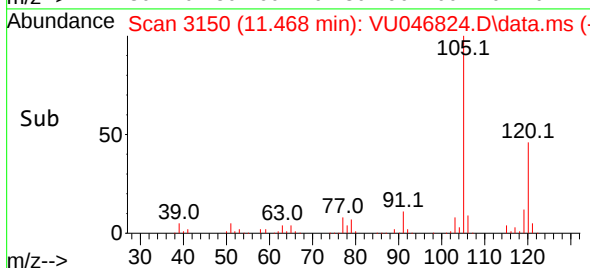
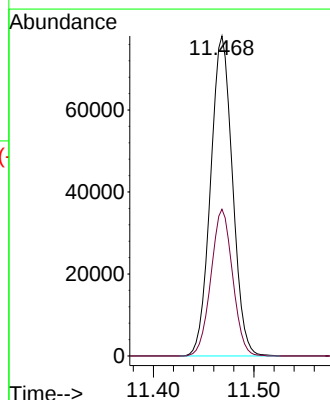
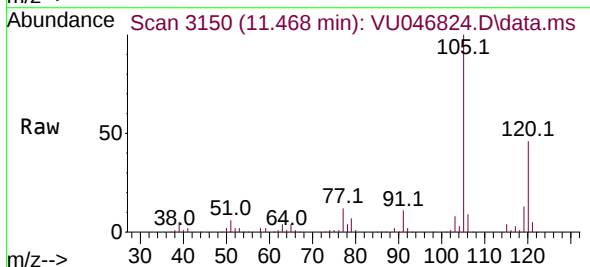
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MSD

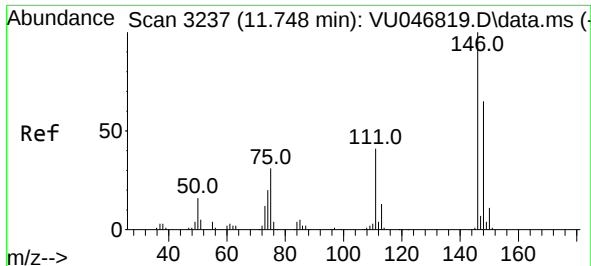
Tgt Ion:105 Resp: 113453
Ion Ratio Lower Upper
105 100
120 48.4 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 5.574 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt Ion:105 Resp: 118321
Ion Ratio Lower Upper
105 100
120 45.2 35.8 53.8

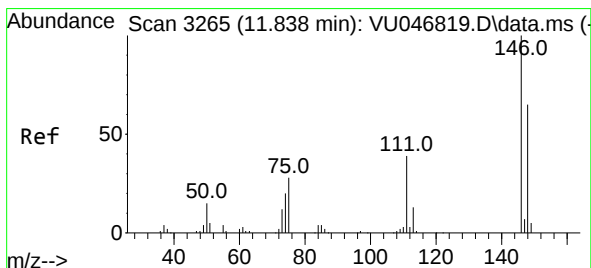
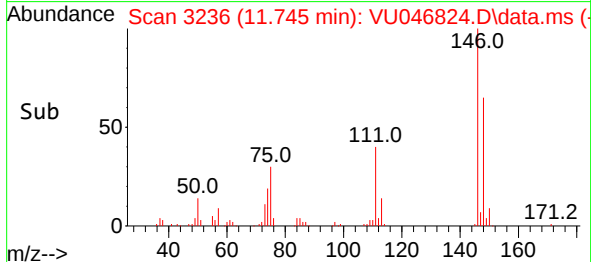
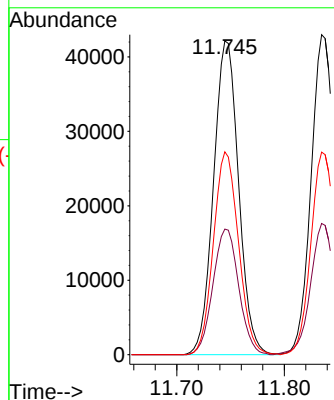
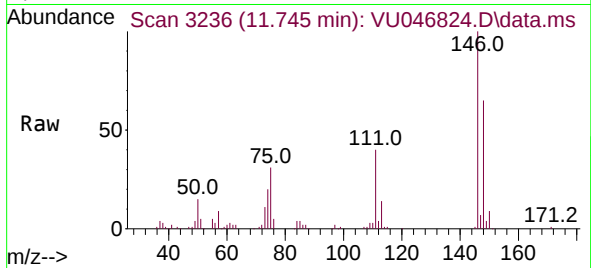




#64
1,3-Dichlorobenzene
Concen: 5.434 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

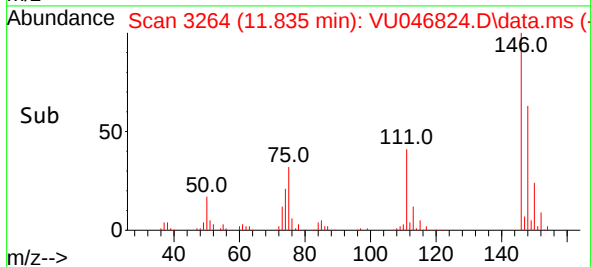
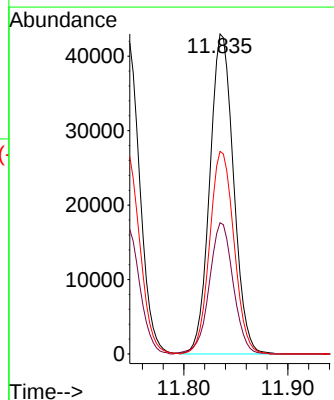
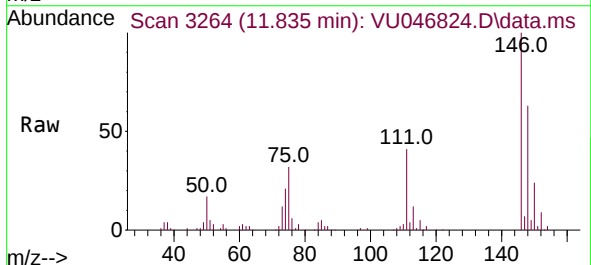
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MSD

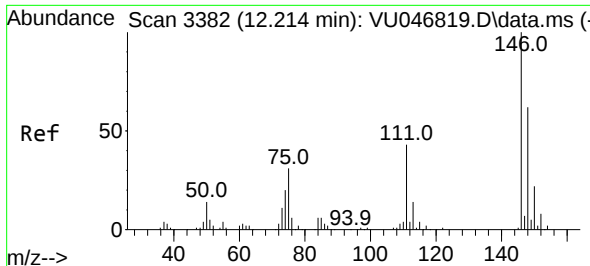
Tgt Ion:146 Resp: 68258
Ion Ratio Lower Upper
146 100
111 40.0 29.9 55.5
148 64.6 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.411 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt Ion:146 Resp: 68405
Ion Ratio Lower Upper
146 100
111 41.0 28.7 53.3
148 63.3 45.8 85.0

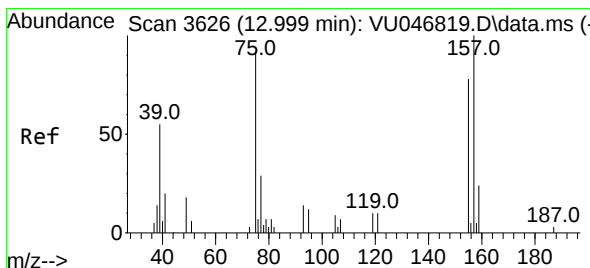
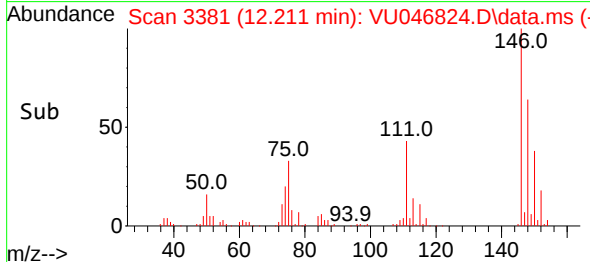
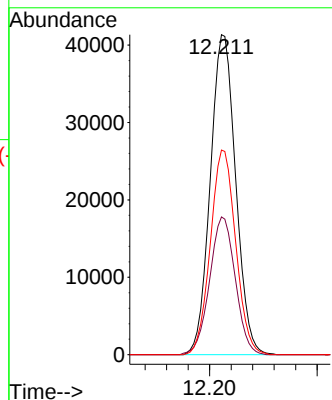
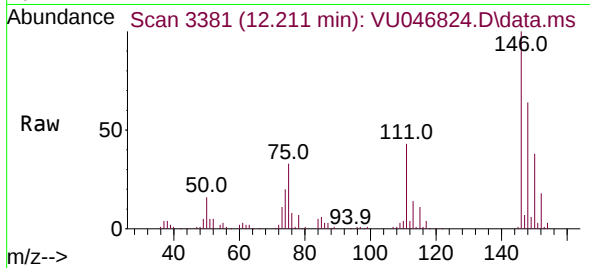




#67
1,2-Dichlorobenzene
Concen: 5.572 ug/L
RT: 12.211 min Scan# 3381
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

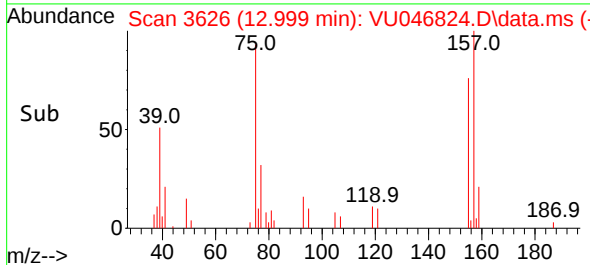
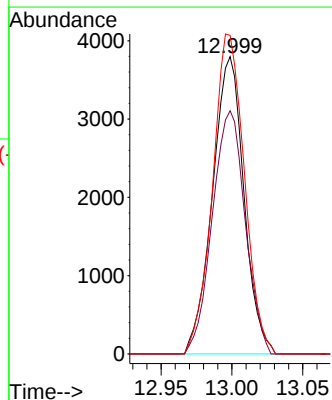
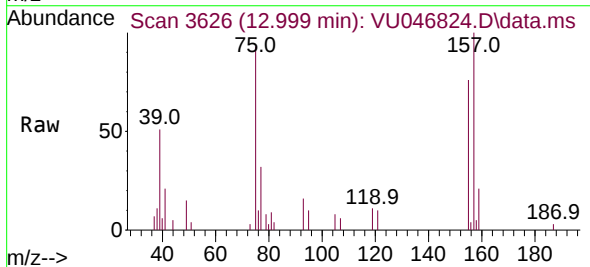
Instrument :
MSVOA_U
ClientSampleId :
YAXB2MSD

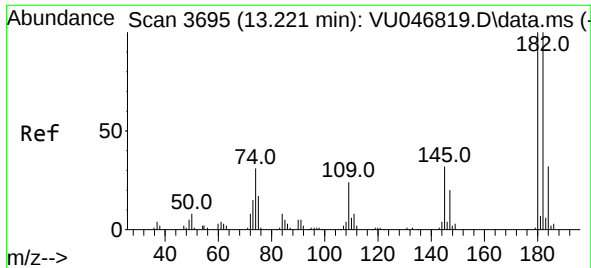
Tgt Ion:146 Resp: 67696
Ion Ratio Lower Upper
146 100
111 43.1 35.4 53.0
148 64.0 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 6.185 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. -0.000 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt Ion: 75 Resp: 5868
Ion Ratio Lower Upper
75 100
155 81.8 59.2 88.8
157 107.2 76.5 114.7





#69

1,3,5-Trichlorobenzene

Concen: 5.222 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.003 min

Lab File: VU046824.D

Acq: 21 Jan 2022 13:26

Instrument :

MSVOA_U

ClientSampleId :

YAXB2MSD

Tgt Ion:180 Resp: 51716

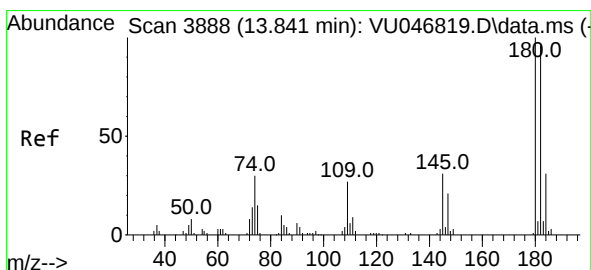
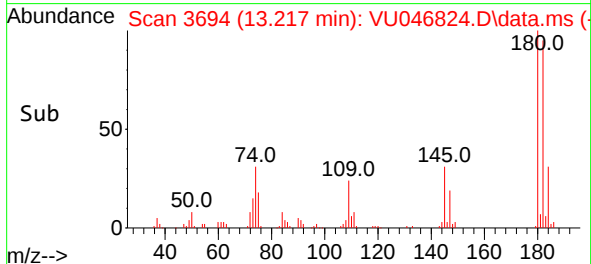
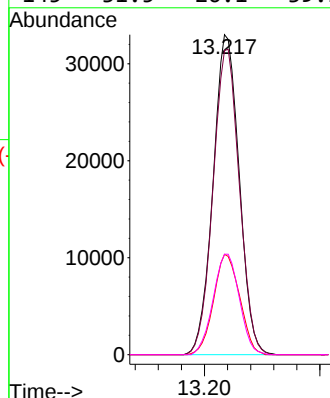
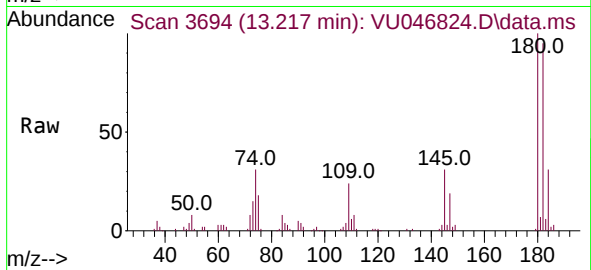
Ion Ratio Lower Upper

180 100

182 96.3 76.1 114.1

184 31.4 25.0 37.4

145 31.5 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 5.015 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU046824.D

Acq: 21 Jan 2022 13:26

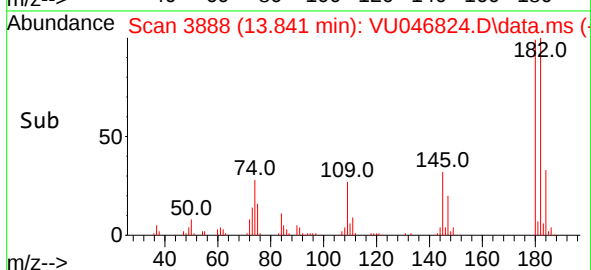
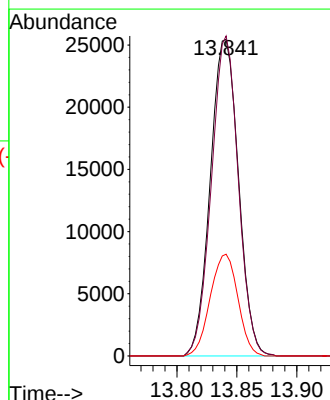
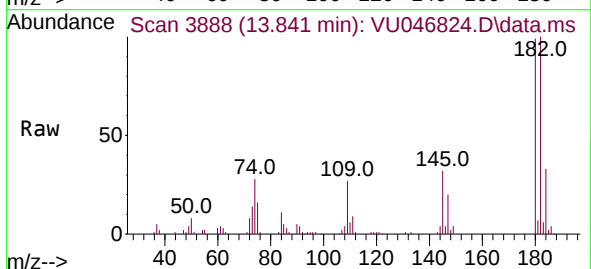
Tgt Ion:180 Resp: 41522

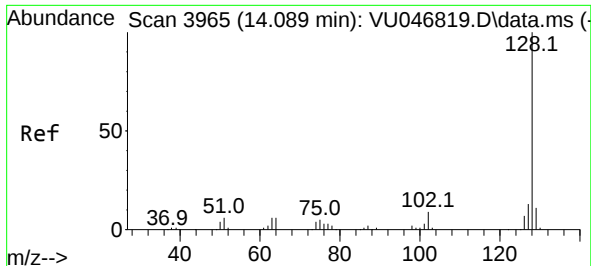
Ion Ratio Lower Upper

180 100

182 96.3 76.4 114.6

145 31.6 25.6 38.4

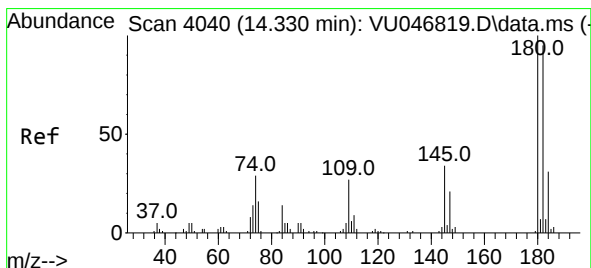
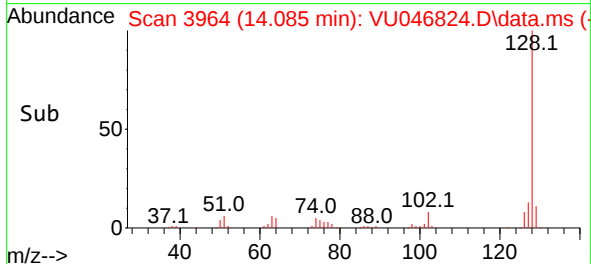
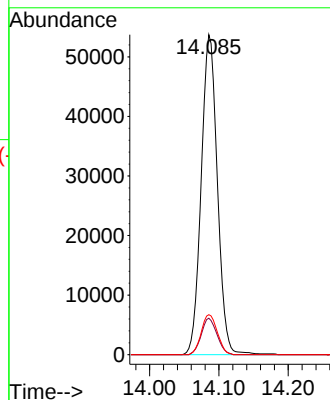
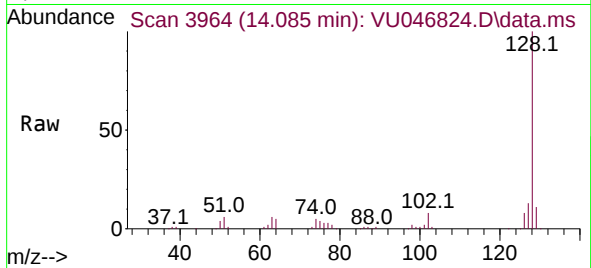




#71
Naphthalene
Concen: 5.163 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Instrument :
MSVOA_U
ClientSampleId :
YAXB2MSD

Tgt Ion:128	Resp:	87037
Ion Ratio	Lower	Upper
128	100	
129	11.1	8.4 12.6
127	12.4	10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.340 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046824.D
Acq: 21 Jan 2022 13:26

Tgt Ion:180	Resp:	41764
Ion Ratio	Lower	Upper
180	100	
182	96.2	76.2 114.4
145	33.5	28.4 42.6

