

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051922\
 Data File : VU048629.D
 Acq On : 19 May 2022 13:04
 Operator : SY/MD
 Sample : N2849-10MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXXX3MSD

Quant Time: May 20 04:40:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 20 04:37:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	226864	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	221248	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	135850	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	47192	33.963	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.920%
7) Chloroethane-d5	1.912	69	39399	37.847	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.700%
11) 1,1-Dichloroethene-d2	2.572	63	130241	41.445	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.900%
21) 2-Butanone-d5	4.623	46	117474	88.840	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.840%
24) Chloroform-d	5.067	84	160169	45.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.240%
26) 1,2-Dichloroethane-d4	5.703	65	111414	44.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.960%
32) Benzene-d6	5.729	84	265675	43.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.300%
36) 1,2-Dichloropropane-d6	6.690	67	77556	42.904	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.800%
41) Toluene-d8	7.899	98	257774	44.507	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.020%
43) trans-1,3-Dichloroprop...	8.179	79	49728	43.020	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.040%
47) 2-Hexanone-d5	8.632	63	88619	89.393	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.390%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	134339	44.912	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.820%
66) 1,2-Dichlorobenzene-d4	12.192	152	122190	43.998	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	110991	45.526	ug/L	97
3) Chloromethane	1.523	50	59938	39.845	ug/L	98
5) Vinyl chloride	1.604	62	70201	43.870	ug/L	96
6) Bromomethane	1.858	94	53391	46.217	ug/L	96
8) Chloroethane	1.935	64	42672	45.305	ug/L	99
9) Trichlorofluoromethane	2.141	101	151501	48.497	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	79820	50.108	ug/L	98
12) 1,1-Dichloroethene	2.581	96	70039	47.450	ug/L	98
13) Acetone	2.629	43	85040	79.160	ug/L	100
14) Carbon disulfide	2.797	76	193324	45.133	ug/L	99
15) Methyl Acetate	2.951	43	81631	44.523	ug/L	99
16) Methylene chloride	3.047	84	80326	46.745	ug/L	97
17) trans-1,2-Dichloroethene	3.356	96	77826	48.886	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	279280	50.563	ug/L	99
19) 1,1-Dichloroethane	3.874	63	143658	49.289	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	88072	49.055	ug/L	100
22) 2-Butanone	4.703	43	123215	90.331	ug/L	99
23) Bromochloromethane	4.977	128	48832	49.016	ug/L	94
25) Chloroform	5.089	83	189179	55.608	ug/L	97

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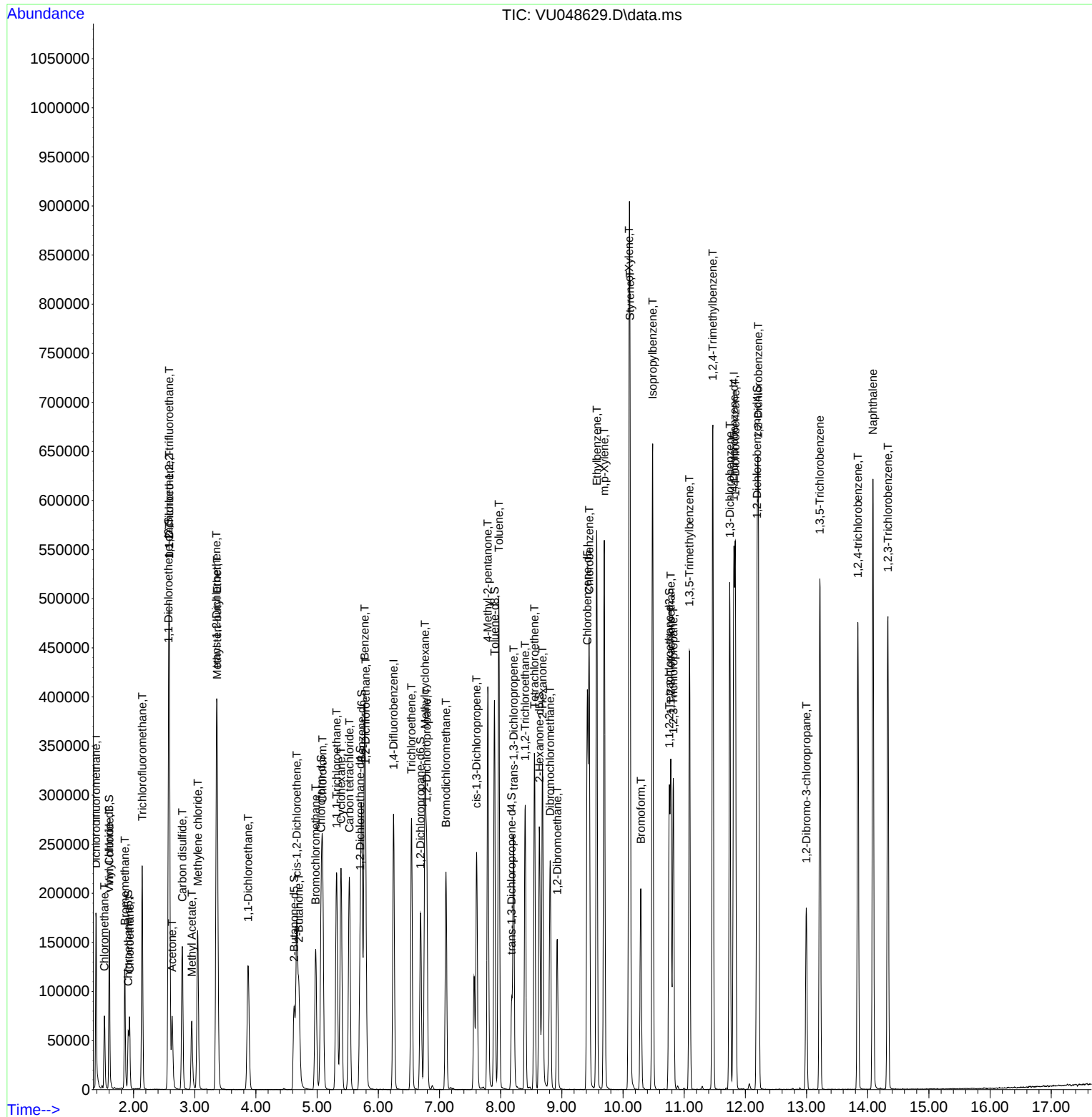
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	142819	48.938	ug/L	99
29) Cyclohexane	5.391	56	106265	46.762	ug/L	96
30) 1,1,1-Trichloroethane	5.317	97	169017	50.453	ug/L	99
31) Carbon tetrachloride	5.526	117	154813	50.708	ug/L	99
33) Benzene	5.777	78	314130	48.598	ug/L	100
34) Trichloroethene	6.542	95	90837	49.671	ug/L	99
35) Methylcyclohexane	6.764	83	126464	48.189	ug/L	99
37) 1,2-Dichloropropane	6.793	63	78693	48.688	ug/L	99
38) Bromodichloromethane	7.105	83	145927	55.804	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	136549	49.483	ug/L	96
40) 4-Methyl-2-pentanone	7.790	43	234427	95.045	ug/L	98
42) Toluene	7.970	91	357910	50.801	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	148545	51.044	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	86983	50.255	ug/L	98
46) Tetrachloroethene	8.552	164	77345	51.829	ug/L	98
48) 2-Hexanone	8.684	43	195827	92.664	ug/L	97
49) Dibromochloromethane	8.809	129	121651	54.668	ug/L	98
50) 1,2-Dibromoethane	8.925	107	99191	49.656	ug/L	99
51) Chlorobenzene	9.446	112	239729	48.787	ug/L	99
52) Ethylbenzene	9.571	91	398202	49.458	ug/L	99
53) m,p-Xylene	9.693	106	158105	48.864	ug/L	98
54) o-Xylene	10.099	106	157811	50.911	ug/L	97
55) Styrene	10.115	104	272832	50.623	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.780	83	141629	47.346	ug/L	97
59) Bromoform	10.291	173	95295	51.031	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	127867	47.459	ug/L	96
61) Isopropylbenzene	10.484	105	418741	50.050	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	238375	50.116	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	374143	50.586	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	211737	49.075	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	213466	47.678	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	213511	48.653	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	50056	48.053	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	163245	47.470	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	147793	47.517	ug/L	99
71) Naphthalene	14.086	128	489806	47.759	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	153925	49.291	ug/L	99

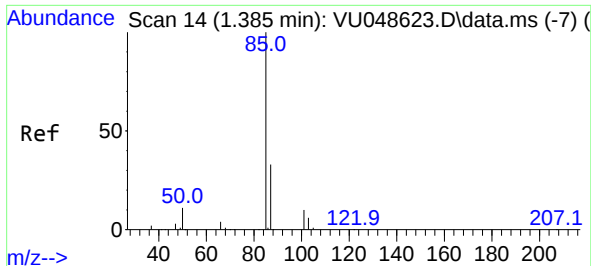
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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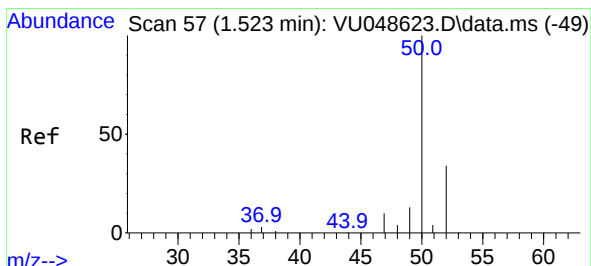
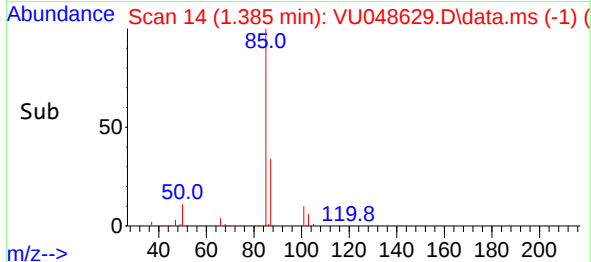
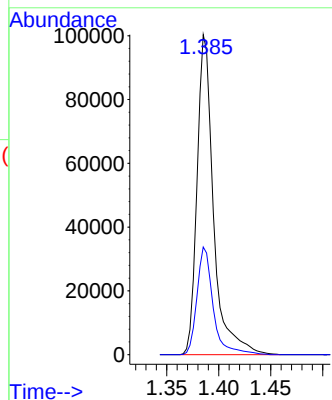
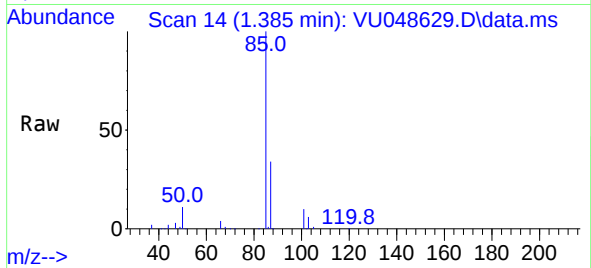




#2
Dichlorodifluoromethane
Concen: 45.526 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

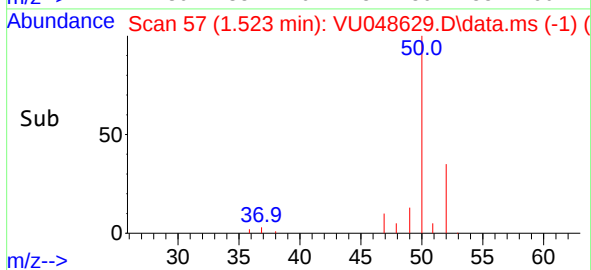
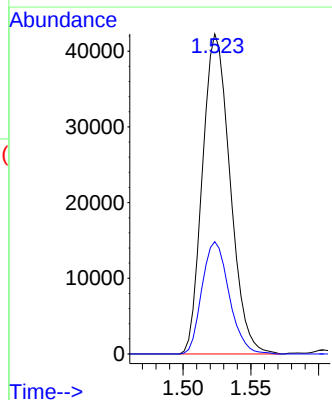
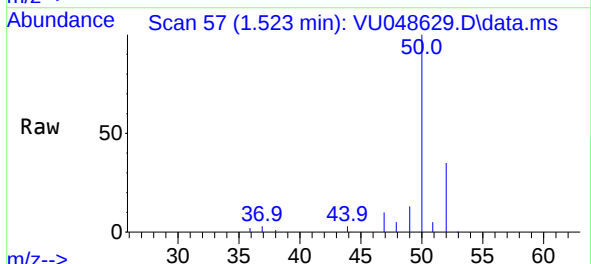
Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD

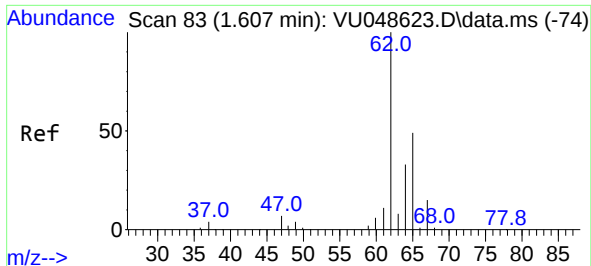
Tgt Ion: 85 Resp: 110991
Ion Ratio Lower Upper
85 100
87 33.2 25.4 38.2



#3
Chloromethane
Concen: 39.845 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion: 50 Resp: 59938
Ion Ratio Lower Upper
50 100
52 35.1 23.8 44.2

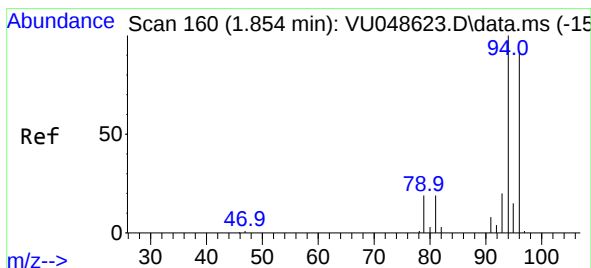
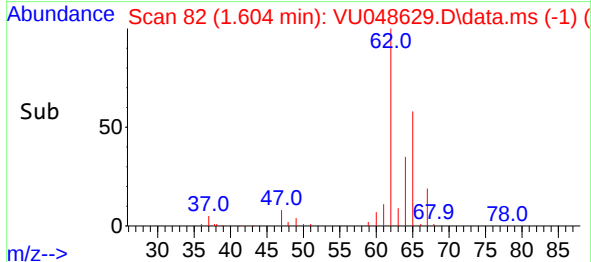
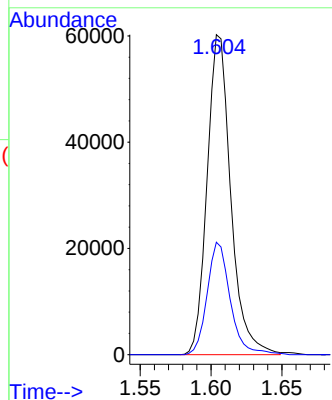
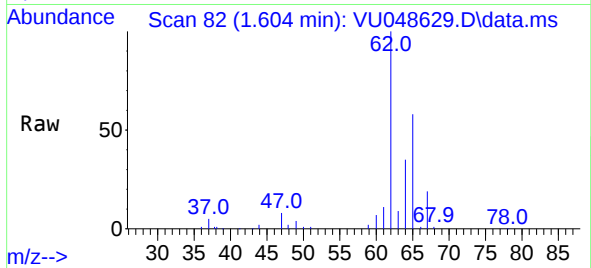




#5
 Vinyl chloride
 Concen: 43.870 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU048629.D
 Acq: 19 May 2022 13:04

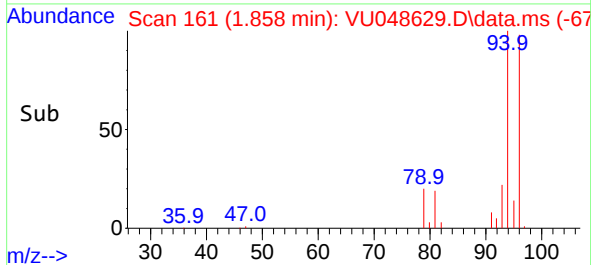
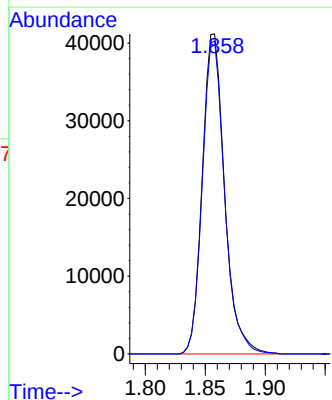
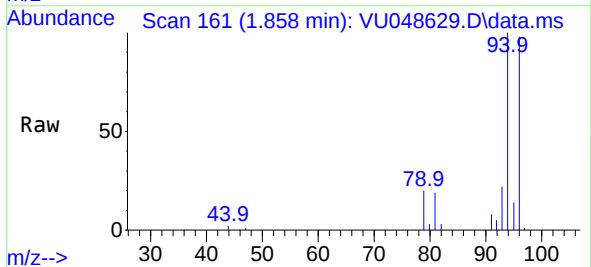
Instrument :
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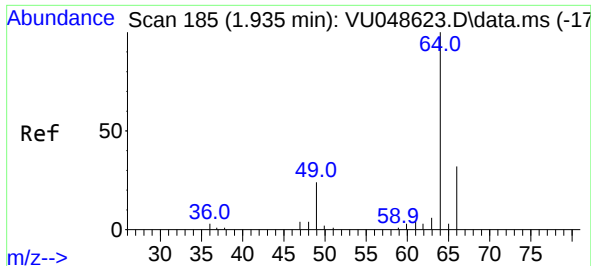
Tgt Ion: 62 Resp: 70201
 Ion Ratio Lower Upper
 62 100
 64 35.2 22.9 42.5



#6
 Bromomethane
 Concen: 46.217 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VU048629.D
 Acq: 19 May 2022 13:04

Tgt Ion: 94 Resp: 53391
 Ion Ratio Lower Upper
 94 100
 96 97.8 65.7 121.9

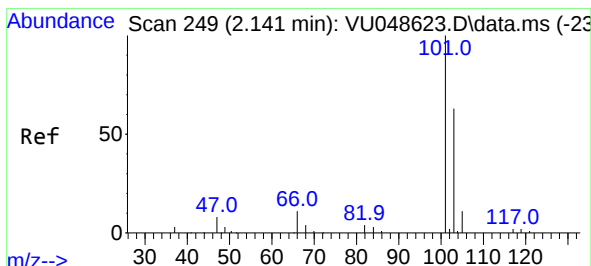
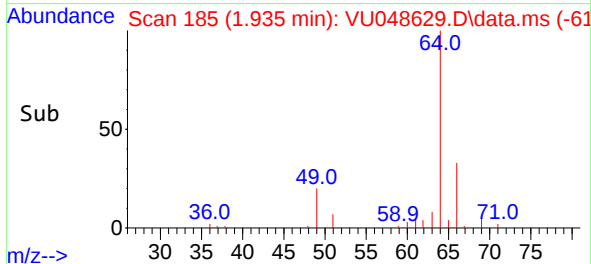
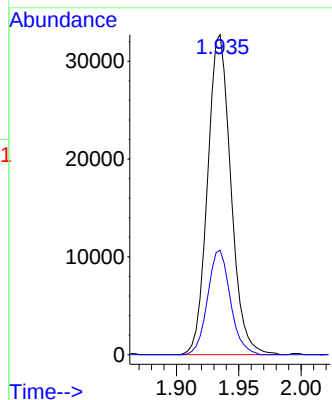
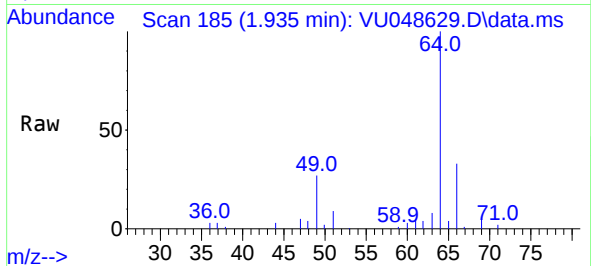




#8
Chloroethane
Concen: 45.305 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

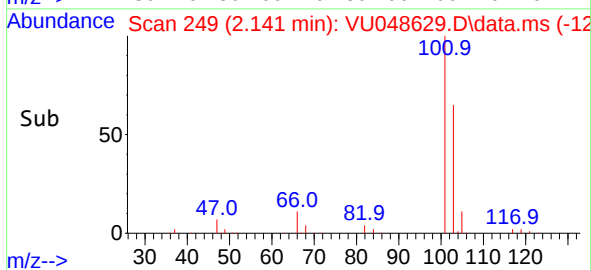
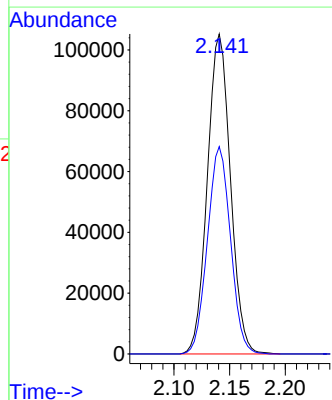
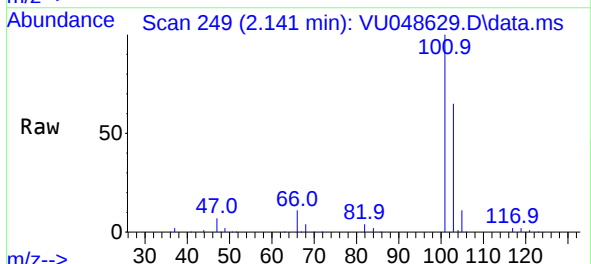
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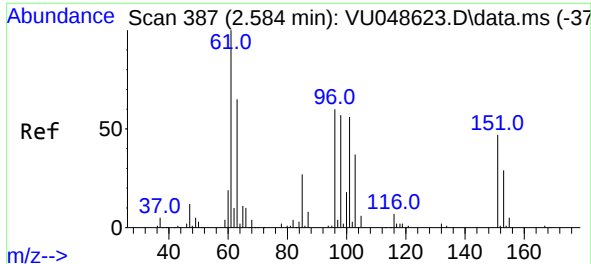
Tgt Ion: 64 Resp: 42672
Ion Ratio Lower Upper
64 100
66 32.6 23.1 42.9



#9
Trichlorofluoromethane
Concen: 48.497 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion:101 Resp: 151501
Ion Ratio Lower Upper
101 100
103 64.8 51.6 77.4

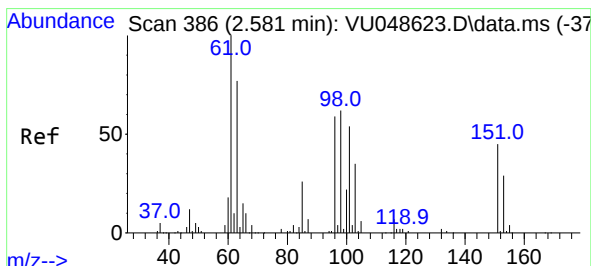
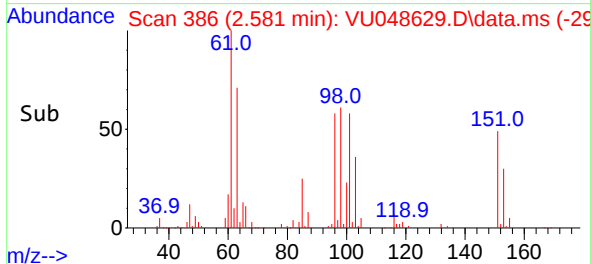
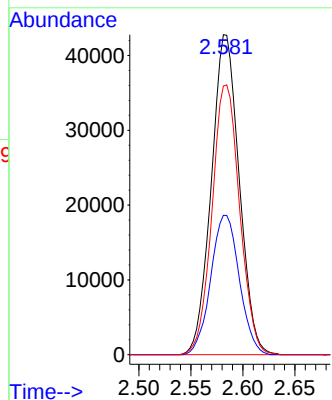
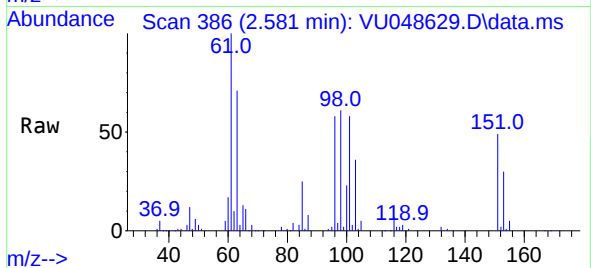




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 50.108 ug/L
RT: 2.581 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

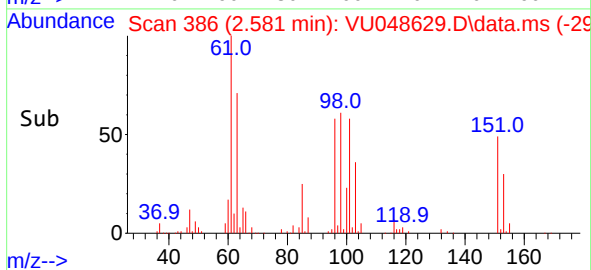
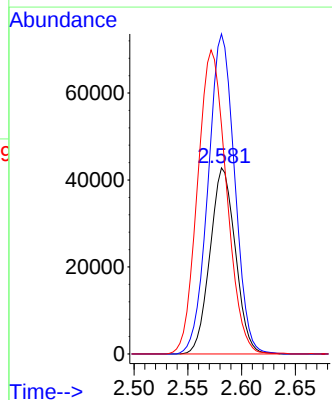
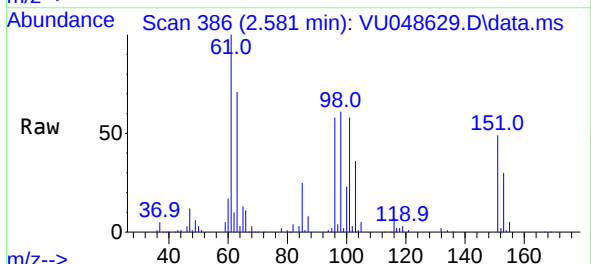
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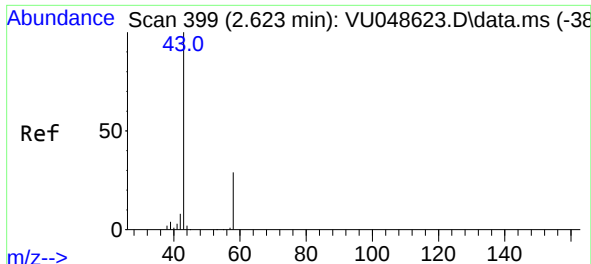
Tgt Ion:101 Resp: 79820
Ion Ratio Lower Upper
101 100
85 44.6 35.7 53.5
151 83.5 64.4 96.6



#12
1,1-Dichloroethene
Concen: 47.450 ug/L
RT: 2.581 min Scan# 386
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion: 96 Resp: 70039
Ion Ratio Lower Upper
96 100
61 172.0 120.6 224.0
63 123.0 82.3 152.9





#13

Acetone

Concen: 79.160 ug/L

RT: 2.629 min Scan# 401

Delta R.T. 0.007 min

Lab File: VU048629.D

Acq: 19 May 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

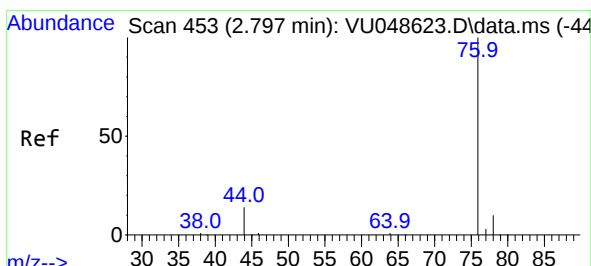
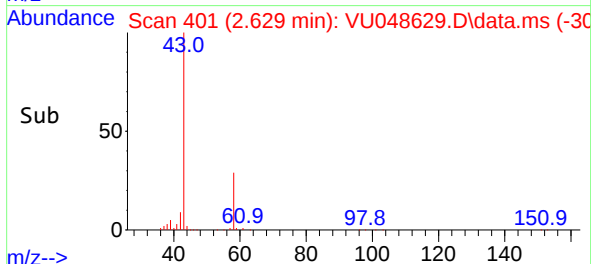
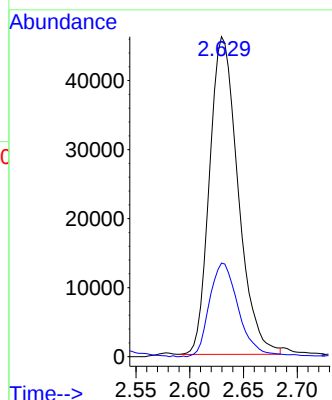
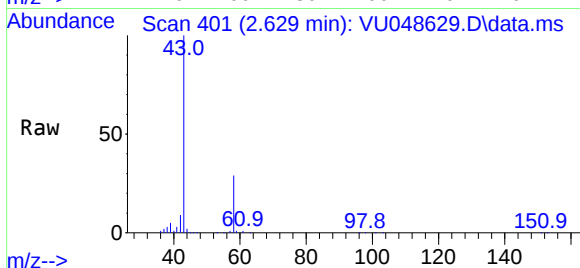
EXXX3MSD

Tgt Ion: 43 Resp: 85040

Ion Ratio Lower Upper

43 100

58 30.0 0.0 59.8



#14

Carbon disulfide

Concen: 45.133 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.000 min

Lab File: VU048629.D

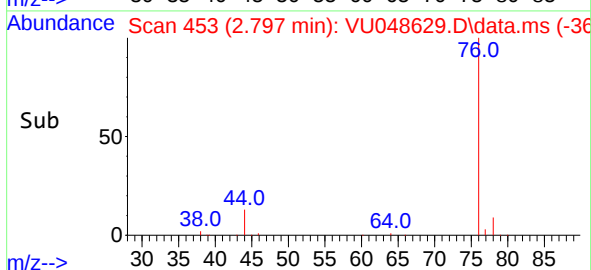
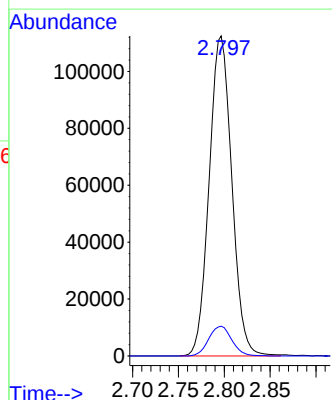
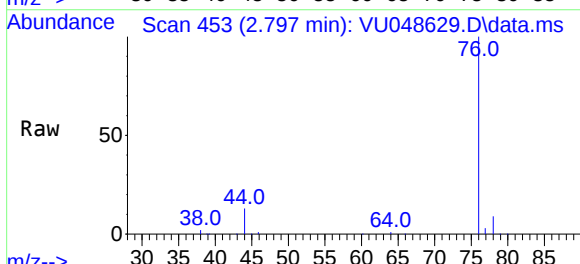
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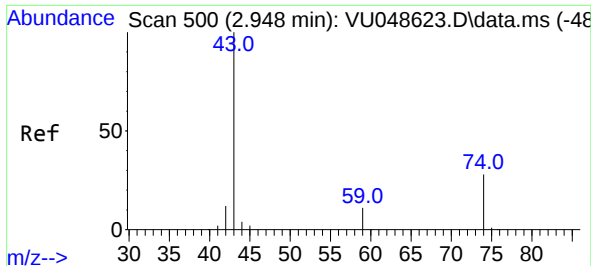
Tgt Ion: 76 Resp: 193324

Ion Ratio Lower Upper

76 100

78 9.3 7.2 10.8

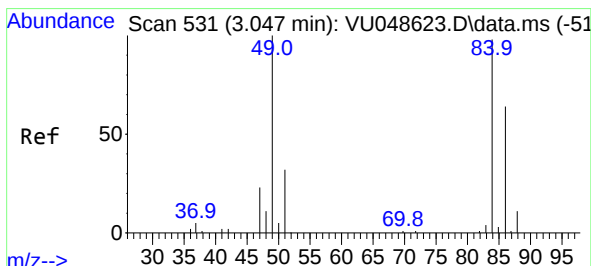
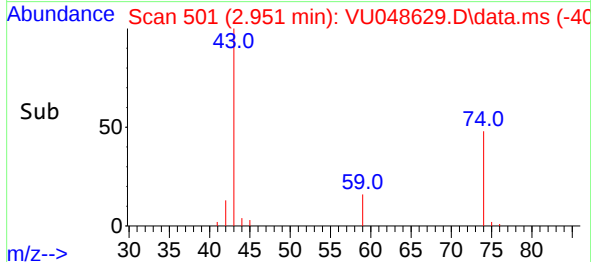
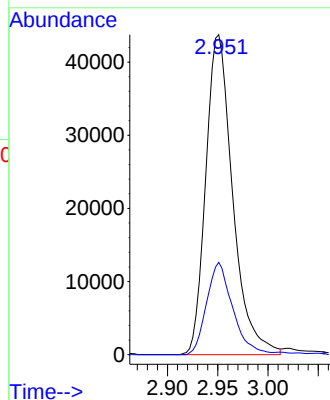
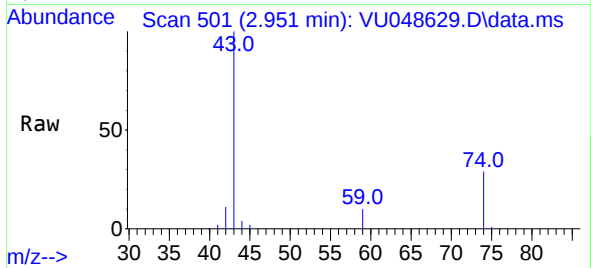




#15
Methyl Acetate
Concen: 44.523 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

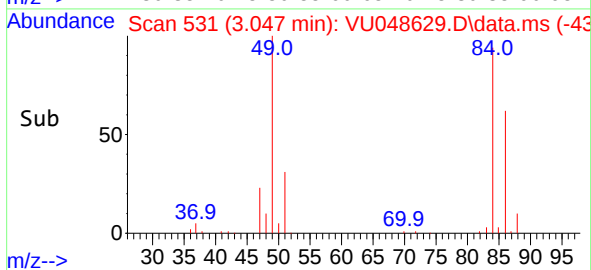
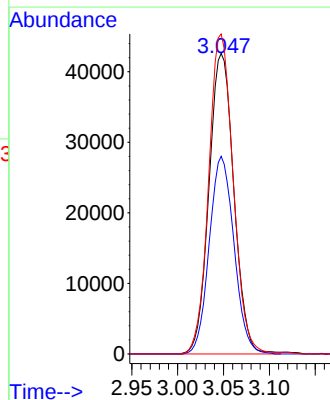
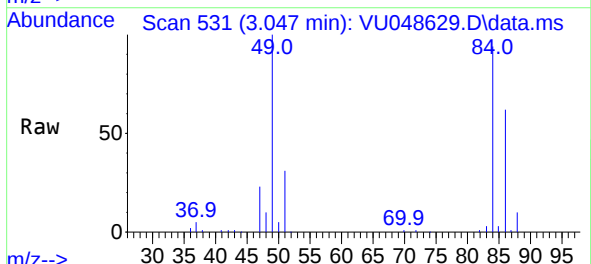
Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD

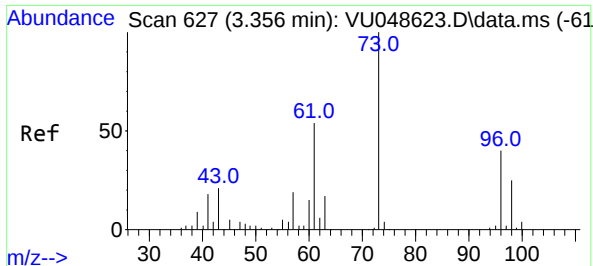
Tgt Ion: 43 Resp: 81631
Ion Ratio Lower Upper
43 100
74 27.8 21.7 32.5



#16
Methylene chloride
Concen: 46.745 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

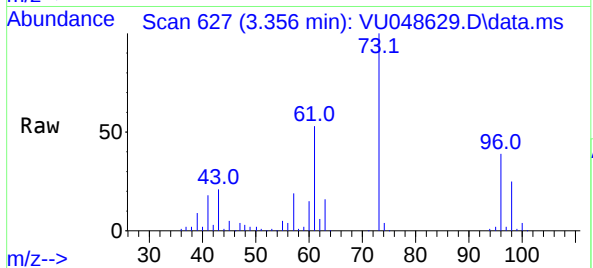
Tgt Ion: 84 Resp: 80326
Ion Ratio Lower Upper
84 100
86 65.8 43.5 80.9
49 106.5 76.4 141.8



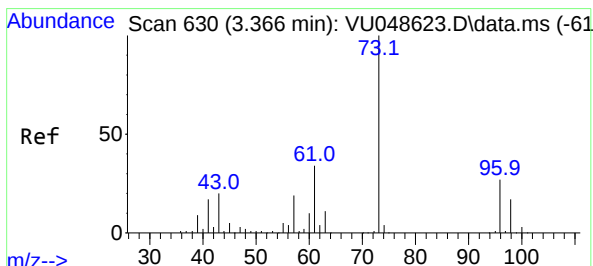
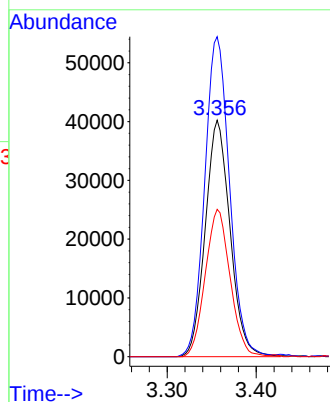
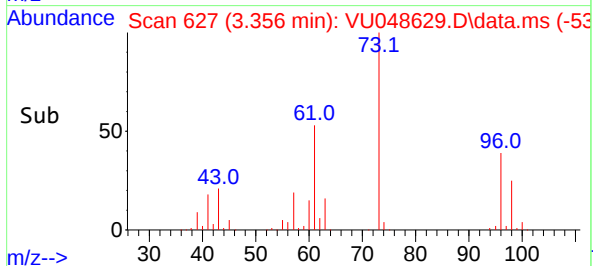


#17
trans-1,2-Dichloroethene
Concen: 48.886 ug/L
RT: 3.356 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

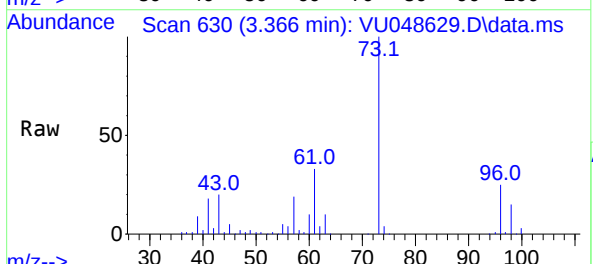
Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD



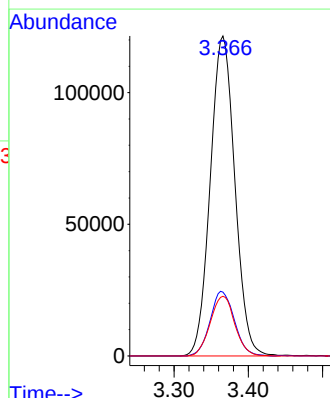
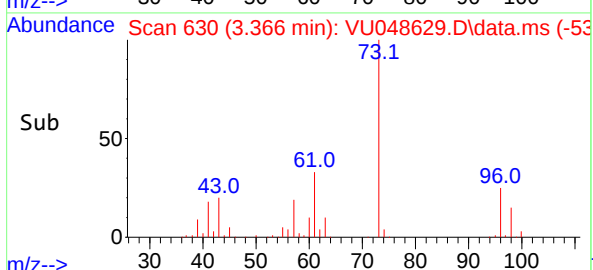
Tgt Ion: 96 Resp: 77826
Ion Ratio Lower Upper
96 100
61 135.3 94.2 175.0
98 62.3 45.1 83.7

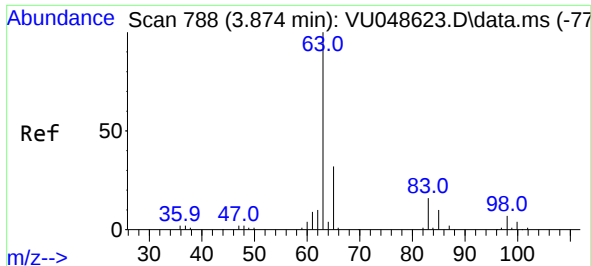


#18
Methyl tert-butyl Ether
Concen: 50.563 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04



Tgt Ion: 73 Resp: 279280
Ion Ratio Lower Upper
73 100
43 19.9 16.2 24.4
57 18.7 15.7 23.5





#19

1,1-Dichloroethane

Concen: 49.289 ug/L

RT: 3.874 min Scan# 788

Delta R.T. 0.000 min

Lab File: VU048629.D

Acq: 19 May 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

EXXX3MSD

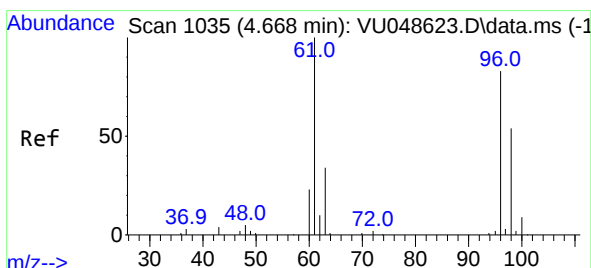
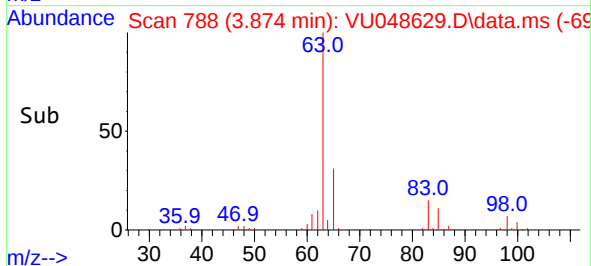
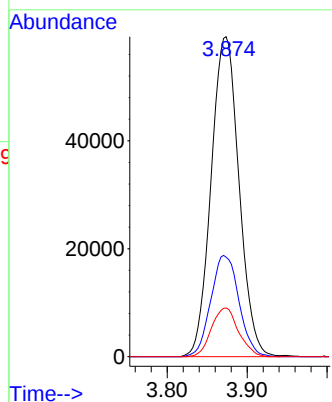
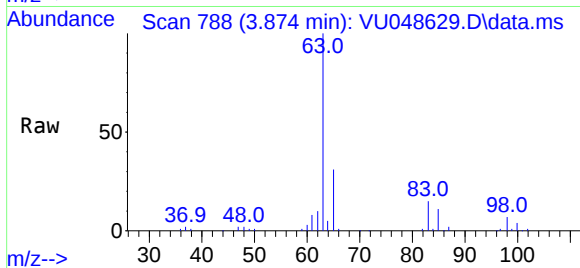
Tgt Ion: 63 Resp: 143658

Ion Ratio Lower Upper

63 100

65 31.1 21.8 40.6

83 15.2 9.8 18.2



#20

cis-1,2-Dichloroethene

Concen: 49.055 ug/L

RT: 4.668 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VU048629.D

Acq: 19 May 2022 13:04

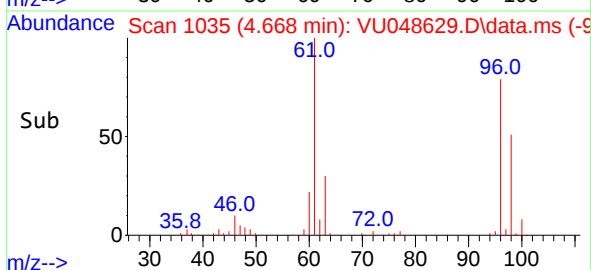
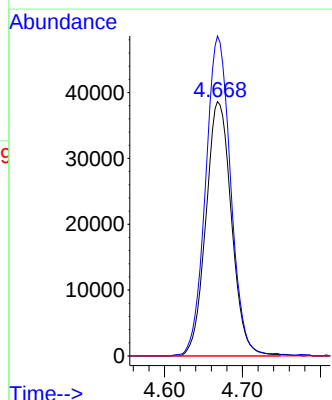
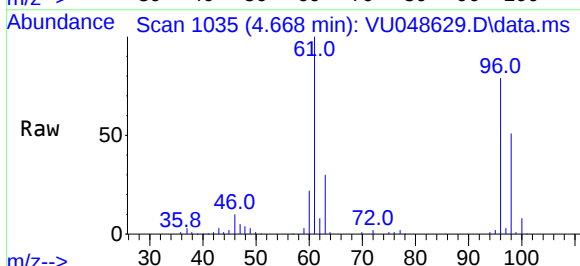
Tgt Ion: 96 Resp: 88072

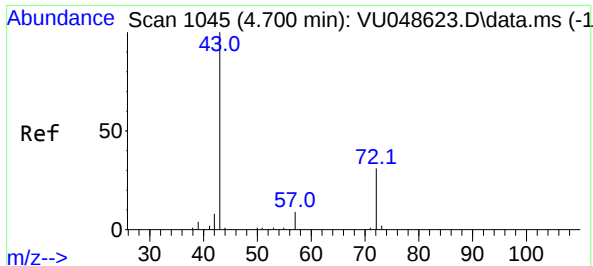
Ion Ratio Lower Upper

96 100

61 125.8 88.3 164.1

68 0.0 0.0 0.0

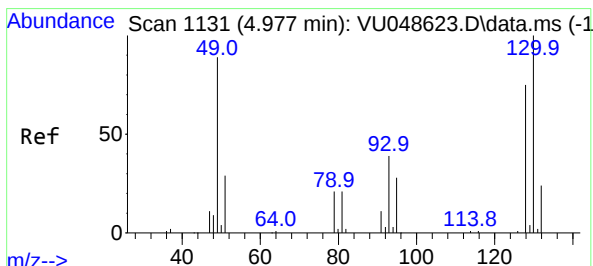
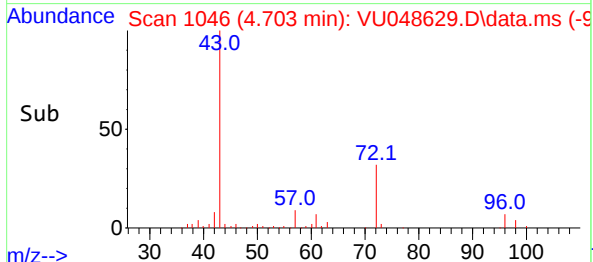
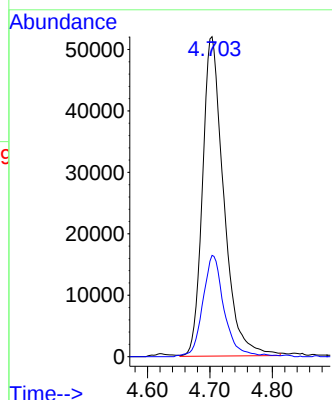
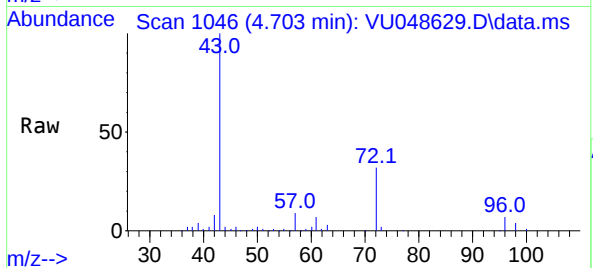




#22
2-Butanone
Concen: 90.331 ug/L
RT: 4.703 min Scan# 1045
Delta R.T. 0.003 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

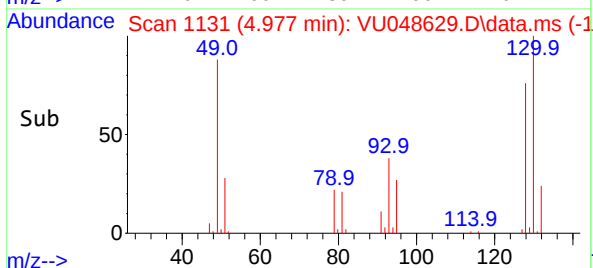
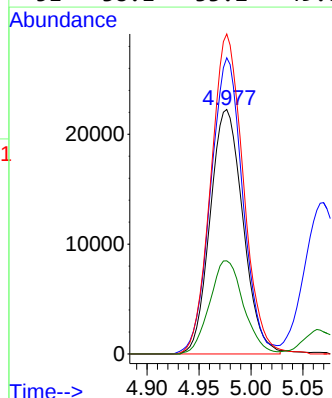
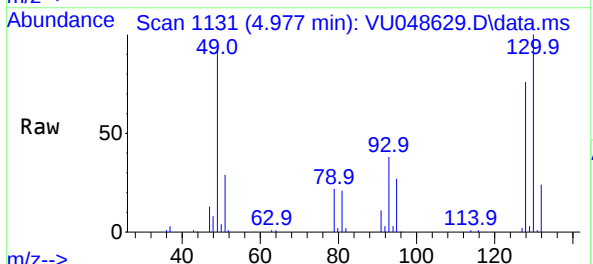
Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD

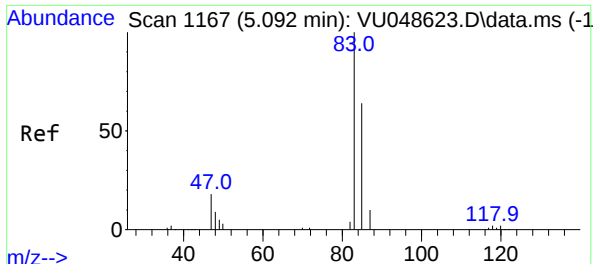
Tgt Ion: 43 Resp: 123215
Ion Ratio Lower Upper
43 100
72 31.6 15.4 46.2



#23
Bromochloromethane
Concen: 49.016 ug/L
RT: 4.977 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion: 128 Resp: 48832
Ion Ratio Lower Upper
128 100
49 121.1 91.9 170.7
130 130.9 88.4 164.2
51 38.1 33.2 49.8





#25

Chloroform

Concen: 55.608 ug/L

RT: 5.089 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU048629.D

Acq: 19 May 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

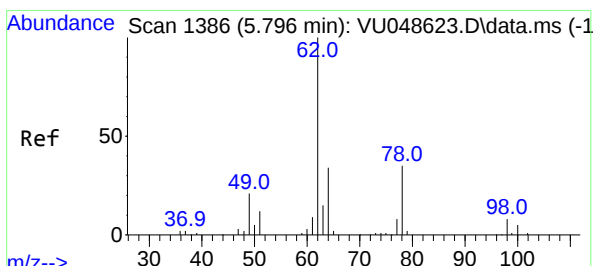
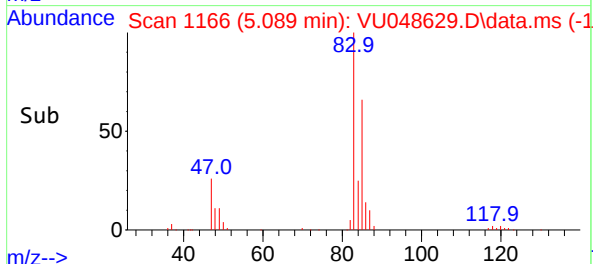
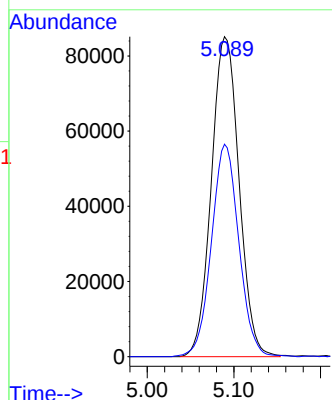
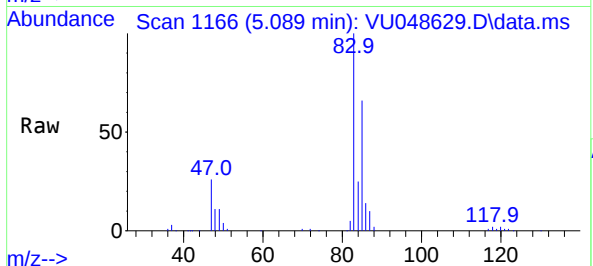
EXXX3MSD

Tgt Ion: 83 Resp: 189179

Ion Ratio Lower Upper

83 100

85 66.4 45.1 83.7



#27

1,2-Dichloroethane

Concen: 48.938 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.003 min

Lab File: VU048629.D

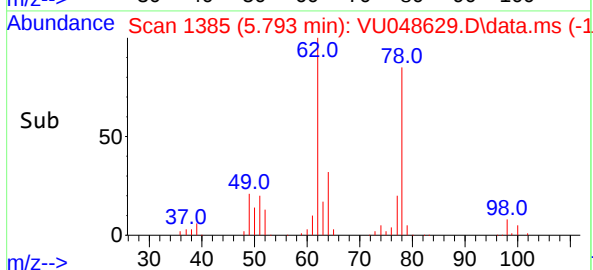
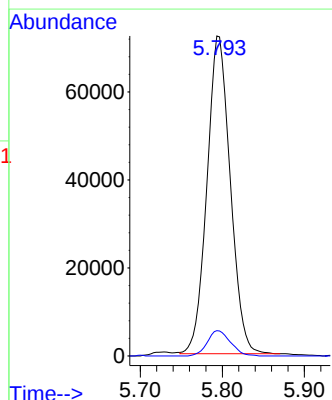
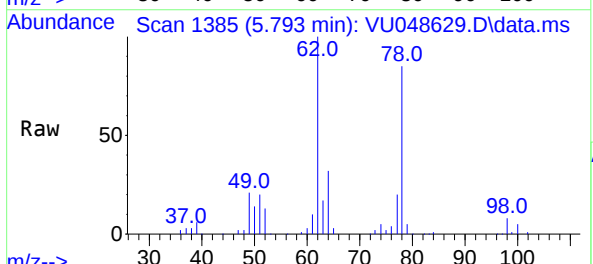
Acq: 19 May 2022 13:04

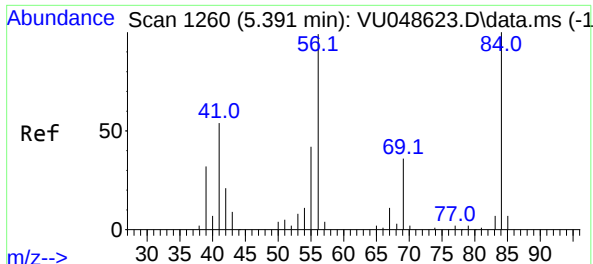
Tgt Ion: 62 Resp: 142819

Ion Ratio Lower Upper

62 100

98 7.9 6.0 9.0





#29

Cyclohexane

Concen: 46.762 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU048629.D

Acq: 19 May 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

EXXX3MSD

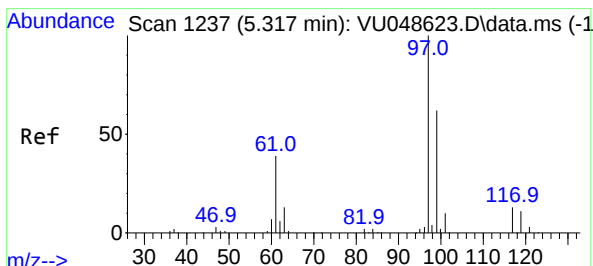
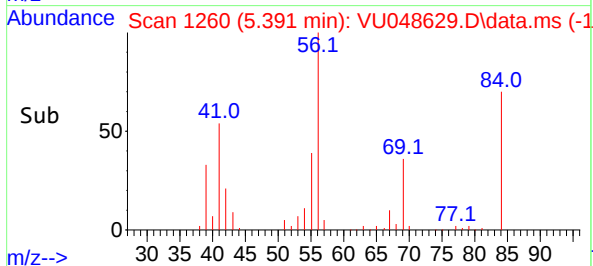
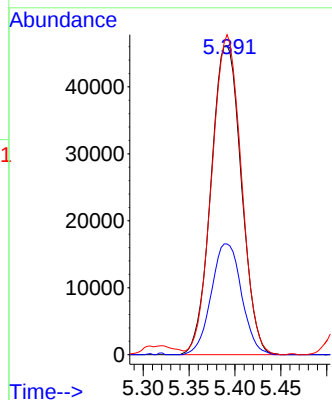
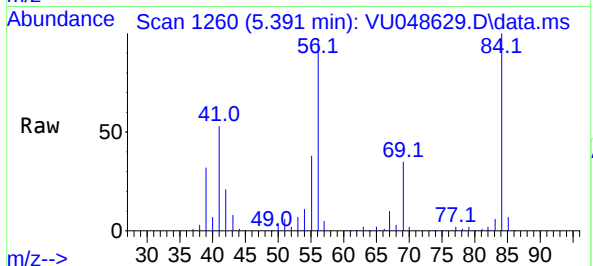
Tgt Ion: 56 Resp: 106265

Ion Ratio Lower Upper

56 100

69 35.8 26.5 39.7

84 100.9 78.0 117.0



#30

1,1,1-Trichloroethane

Concen: 50.453 ug/L

RT: 5.317 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU048629.D

Acq: 19 May 2022 13:04

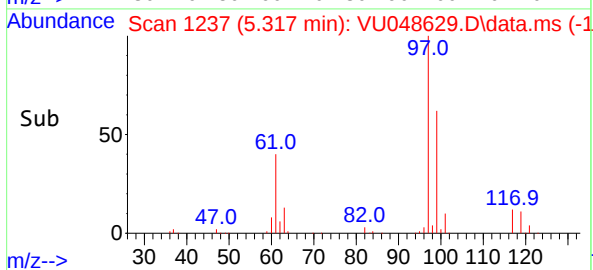
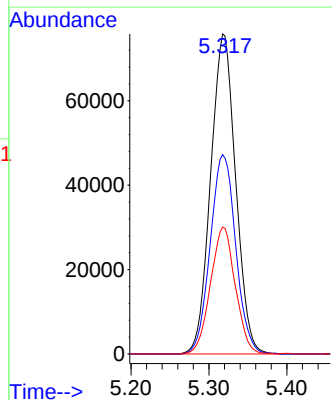
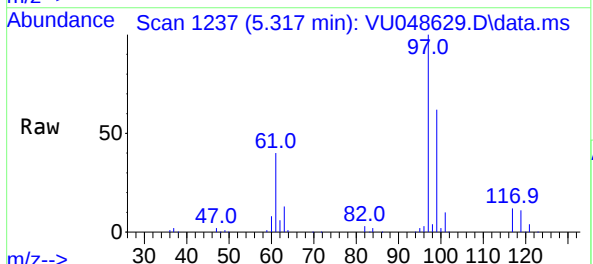
Tgt Ion: 97 Resp: 169017

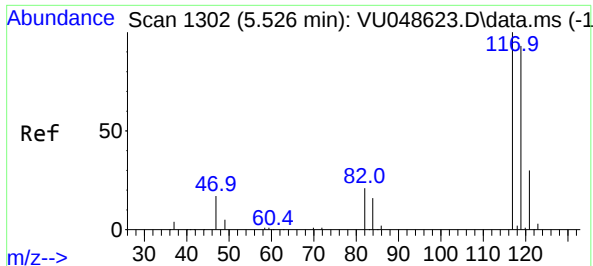
Ion Ratio Lower Upper

97 100

99 63.6 50.3 75.5

61 39.3 32.6 48.8

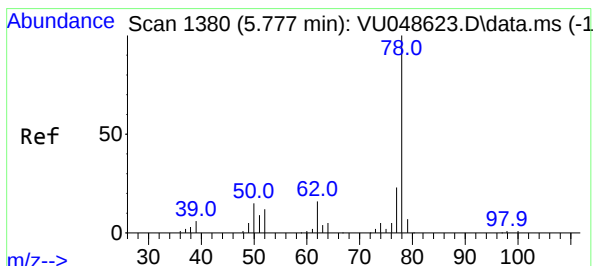
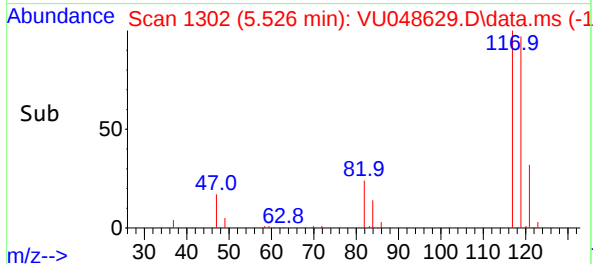
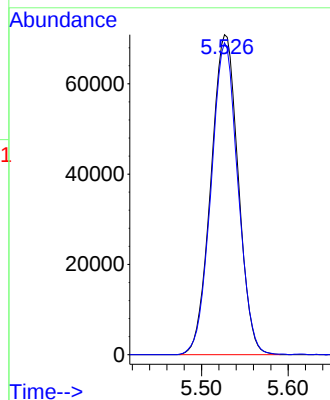
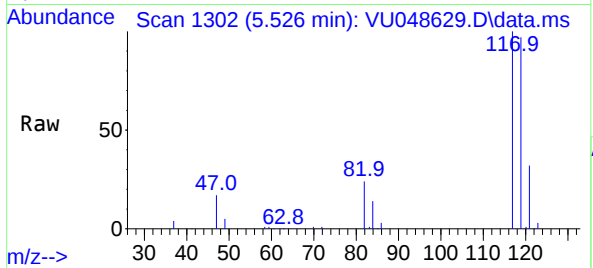




#31
Carbon tetrachloride
Concen: 50.708 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

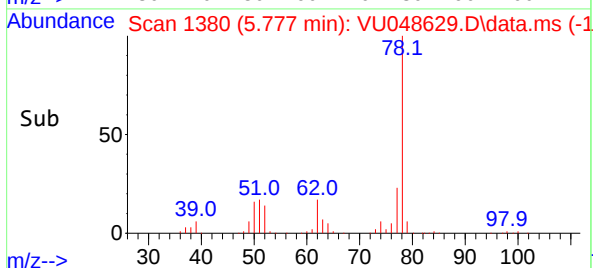
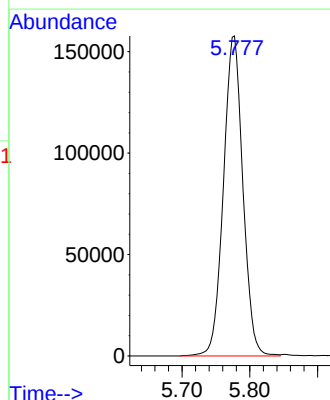
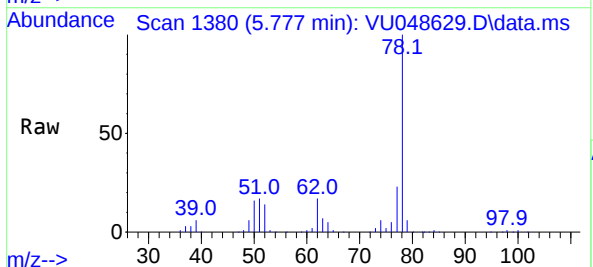
Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD

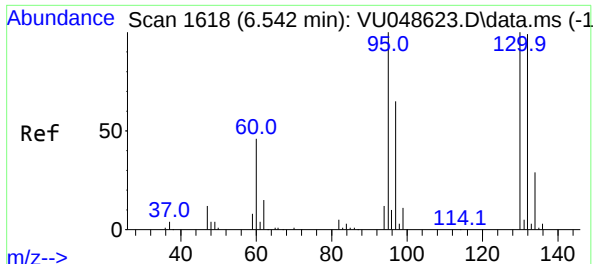
Tgt Ion:117 Resp: 154813
Ion Ratio Lower Upper
117 100
119 96.0 76.0 114.0



#33
Benzene
Concen: 48.598 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion: 78 Resp: 314130





#34

Trichloroethene

Concen: 49.671 ug/L

RT: 6.542 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU048629.D

Acq: 19 May 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

EXXX3MSD

Tgt Ion: 95 Resp: 90837

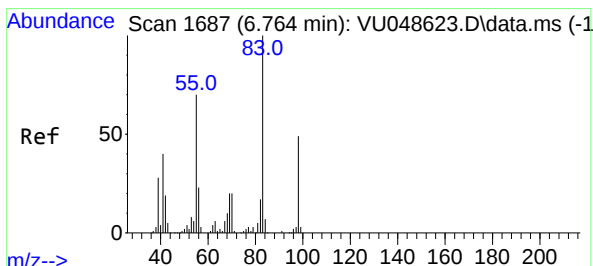
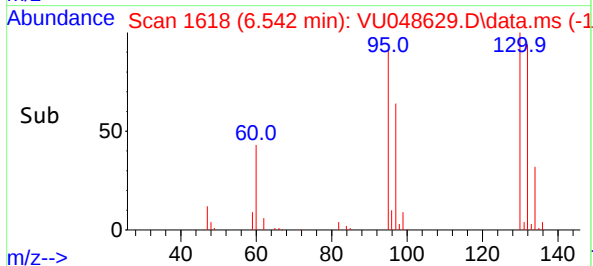
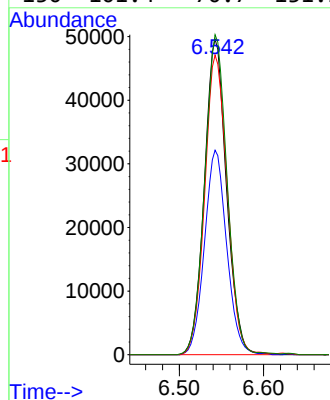
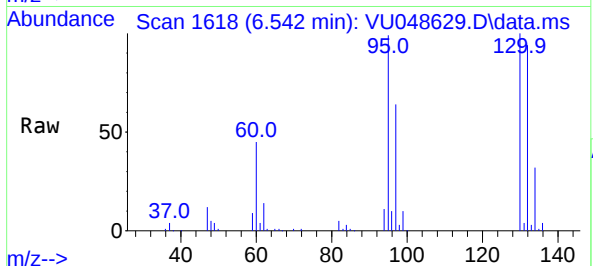
Ion Ratio Lower Upper

95 100

97 64.8 45.2 84.0

132 95.0 67.3 124.9

130 101.4 70.7 131.3



#35

Methylcyclohexane

Concen: 48.189 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VU048629.D

Acq: 19 May 2022 13:04

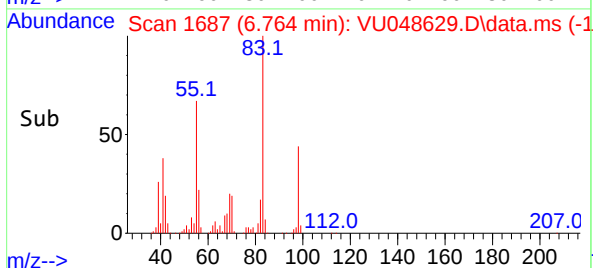
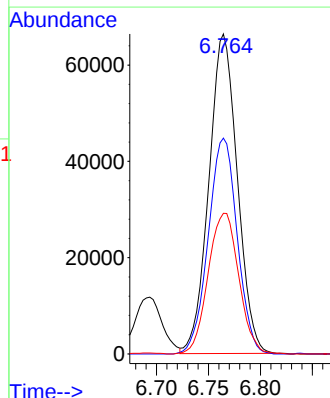
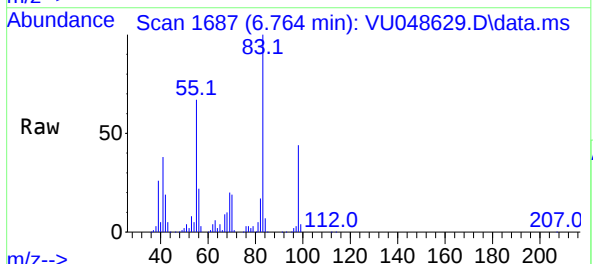
Tgt Ion: 83 Resp: 126464

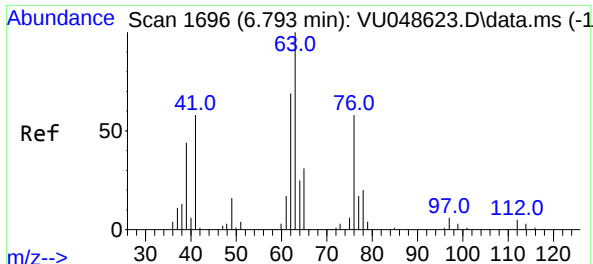
Ion Ratio Lower Upper

83 100

55 68.7 56.2 84.4

98 47.5 38.2 57.2

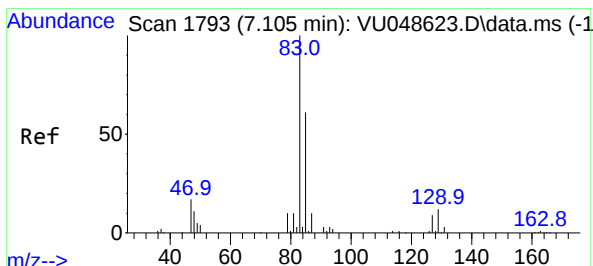
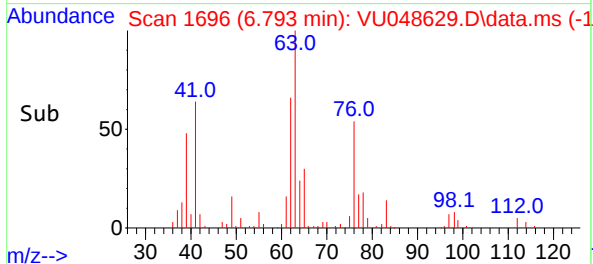
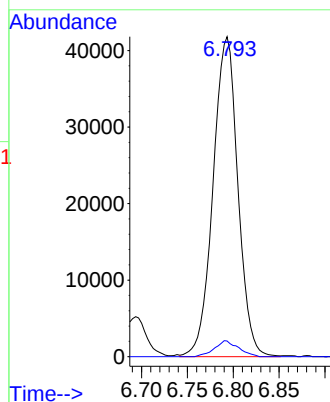
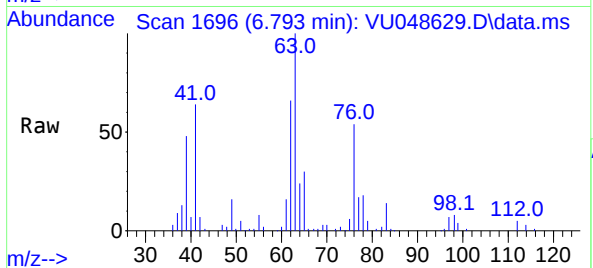




#37
1,2-Dichloropropane
Concen: 48.688 ug/L
RT: 6.793 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

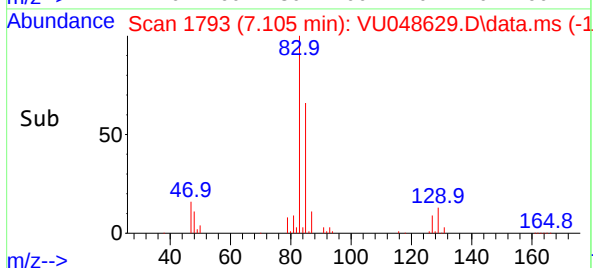
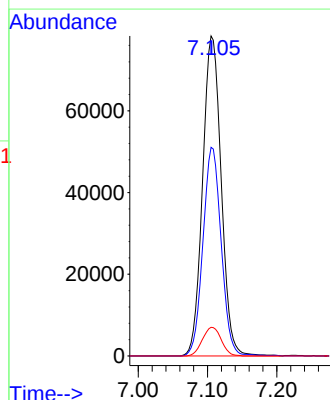
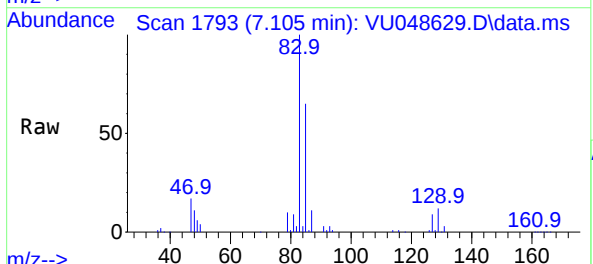
Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD

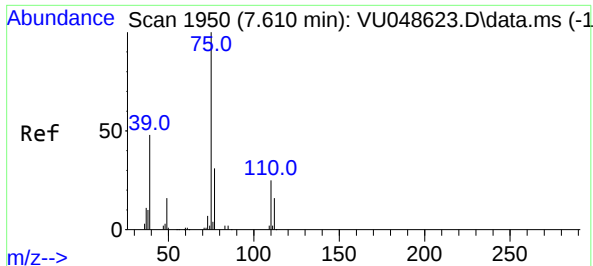
Tgt Ion: 63 Resp: 78693
Ion Ratio Lower Upper
63 100
112 4.8 3.7 5.5



#38
Bromodichloromethane
Concen: 55.804 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion: 83 Resp: 145927
Ion Ratio Lower Upper
83 100
85 65.2 46.1 85.5
127 9.0 7.8 11.6

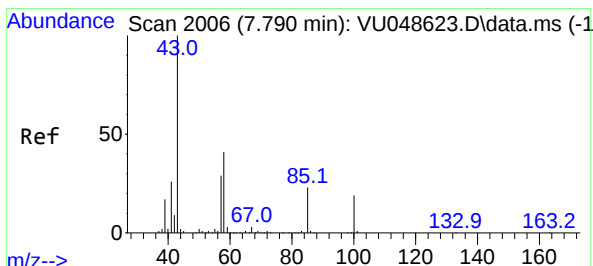
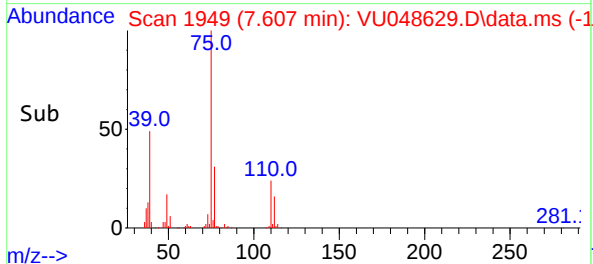
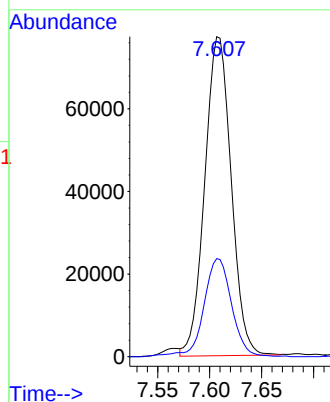
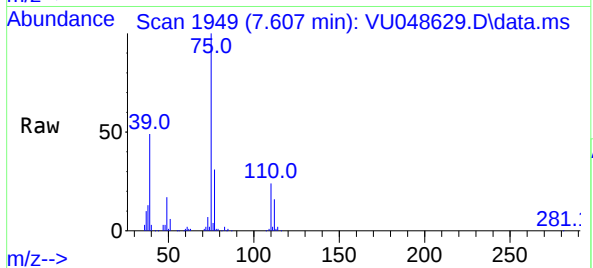




#39
cis-1,3-Dichloropropene
Concen: 49.483 ug/L
RT: 7.607 min Scan# 1950
Delta R.T. -0.003 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

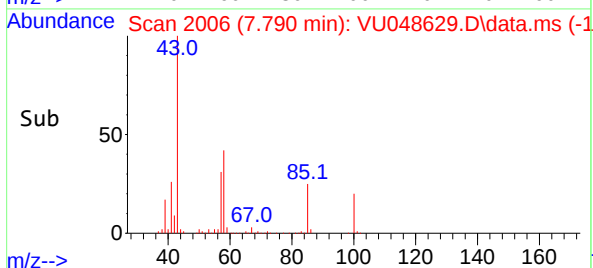
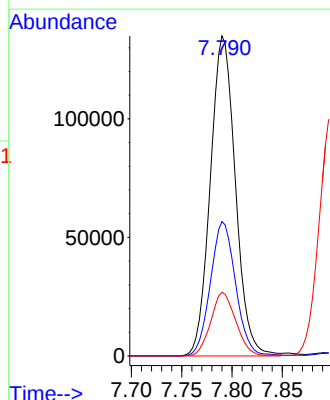
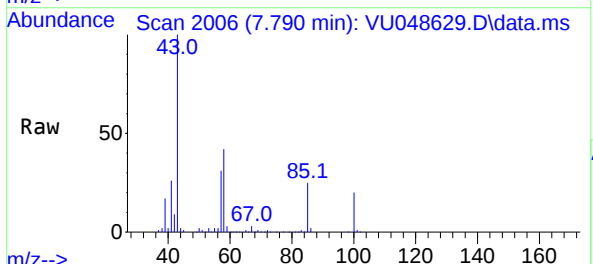
Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD

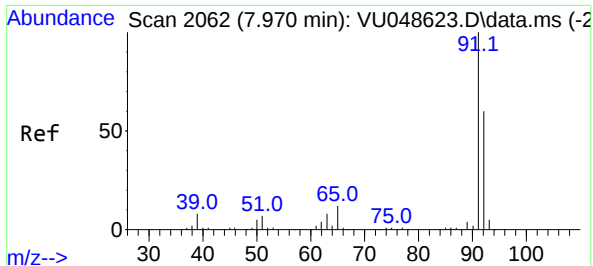
Tgt Ion: 75 Resp: 136549
Ion Ratio Lower Upper
75 100
77 30.6 22.9 42.5



#40
4-Methyl-2-pentanone
Concen: 95.045 ug/L
RT: 7.790 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion: 43 Resp: 234427
Ion Ratio Lower Upper
43 100
58 42.2 34.3 51.5
100 19.8 14.7 22.1

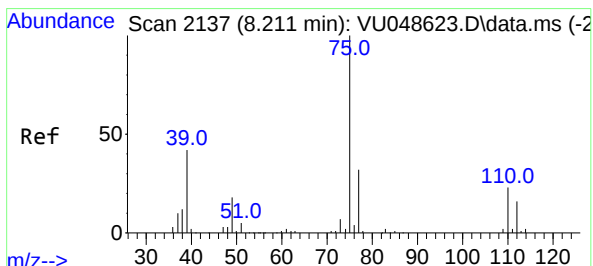
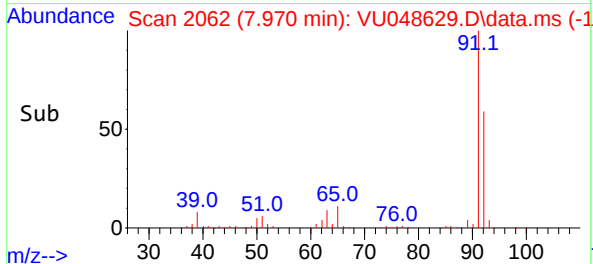
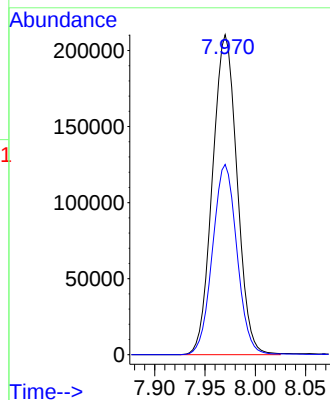
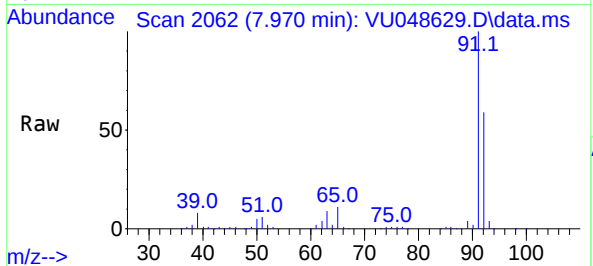




#42
Toluene
Concen: 50.801 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

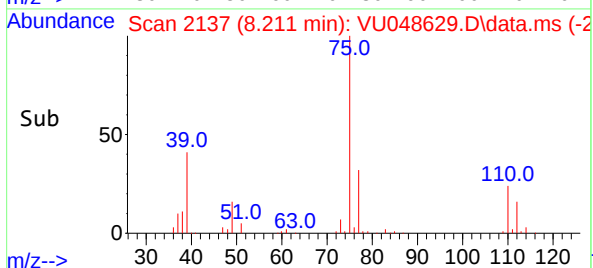
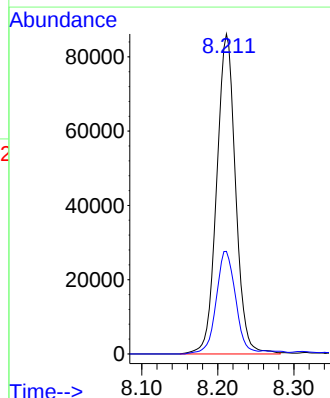
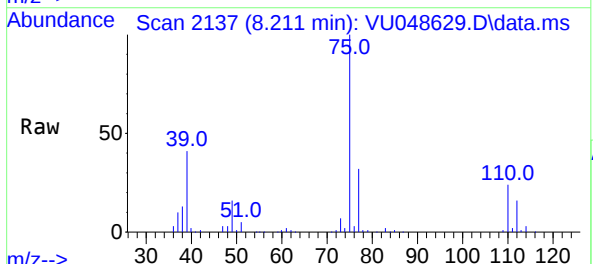
Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD

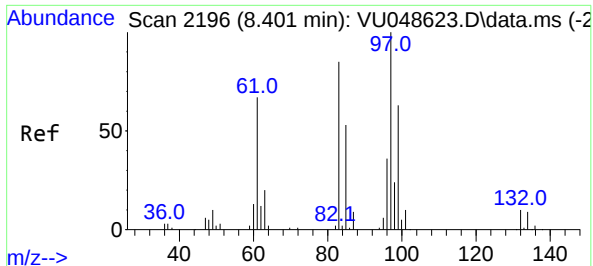
Tgt Ion: 91 Resp: 357910
Ion Ratio Lower Upper
91 100
92 59.5 41.4 77.0



#44
trans-1,3-Dichloropropene
Concen: 51.044 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion: 75 Resp: 148545
Ion Ratio Lower Upper
75 100
77 32.1 22.7 42.1



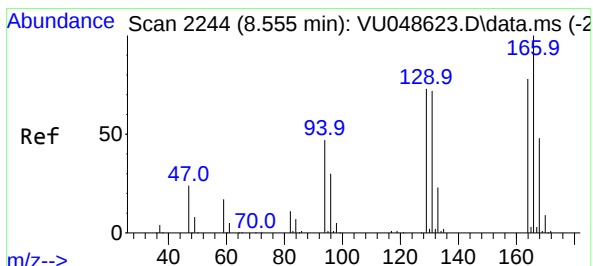
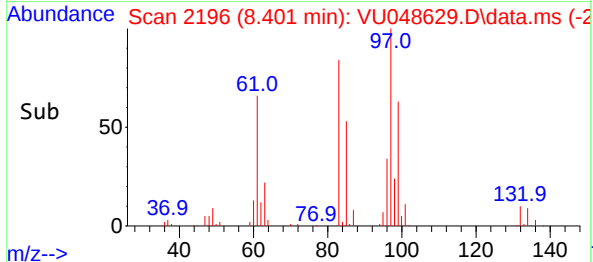
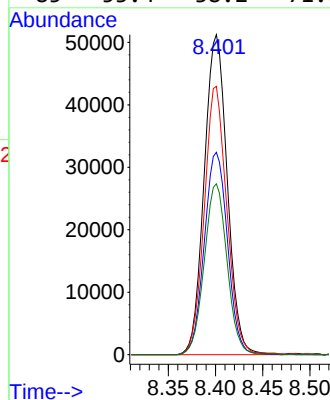
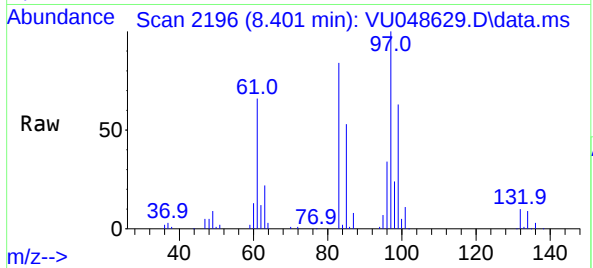


#45
1,1,2-Trichloroethane
Concen: 50.255 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD

Tgt Ion: 97 Resp: 86983

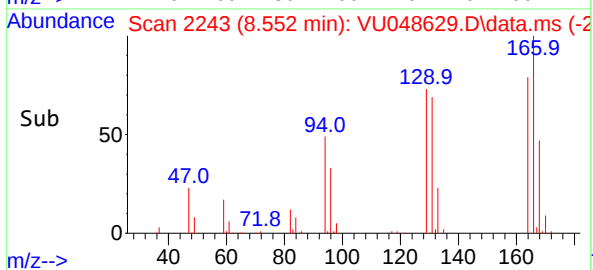
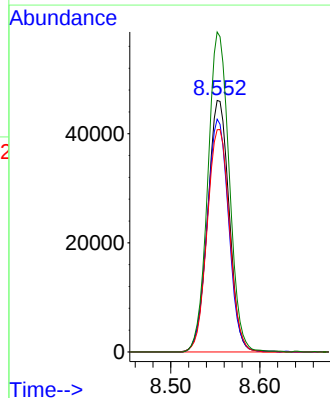
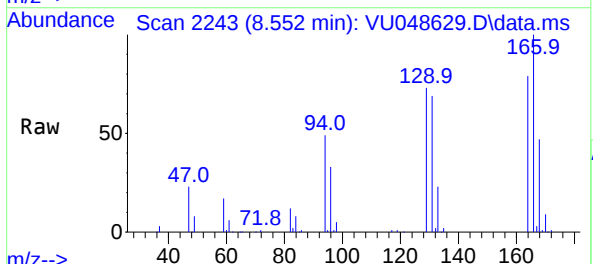
Ion	Ratio	Lower	Upper
97	100		
99	63.3	42.2	78.4
83	83.8	58.4	108.6
85	53.4	38.2	71.0

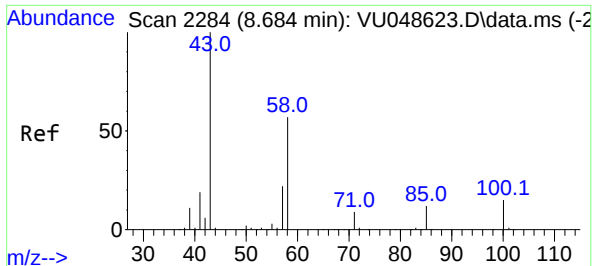


#46
Tetrachloroethene
Concen: 51.829 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion: 164 Resp: 77345

Ion	Ratio	Lower	Upper
164	100		
129	92.5	64.3	119.3
131	88.3	64.5	119.7
166	127.2	87.5	162.5



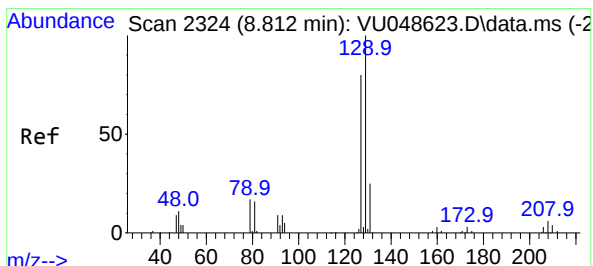
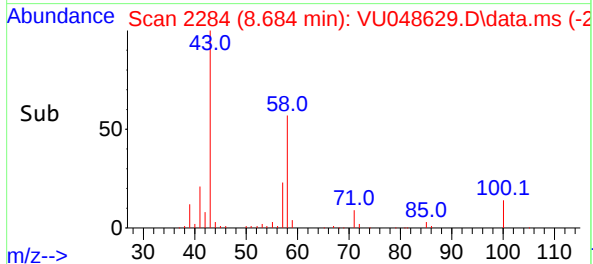
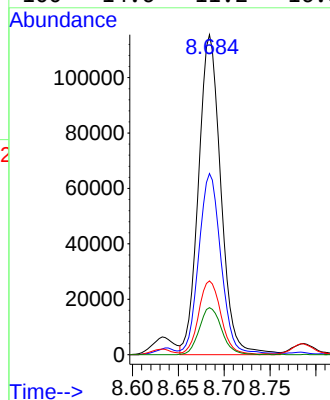
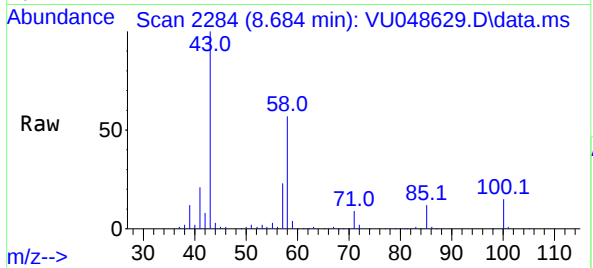


#48
2-Hexanone
Concen: 92.664 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD

Tgt Ion: 43 Resp: 195827

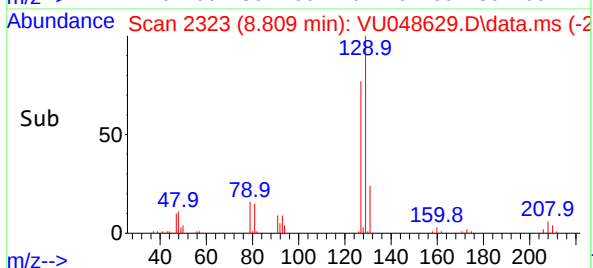
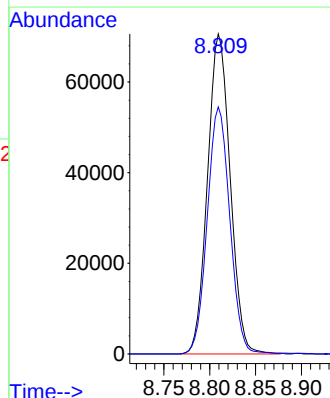
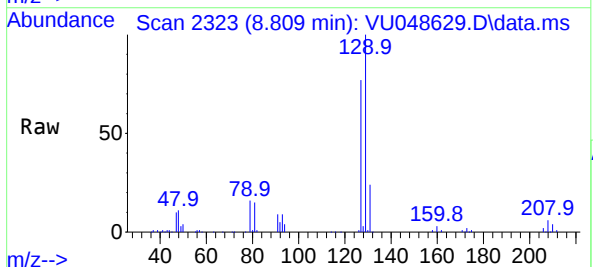
Ion	Ratio	Lower	Upper
43	100		
58	55.4	45.8	68.6
57	23.0	16.8	25.2
100	14.6	11.2	16.8

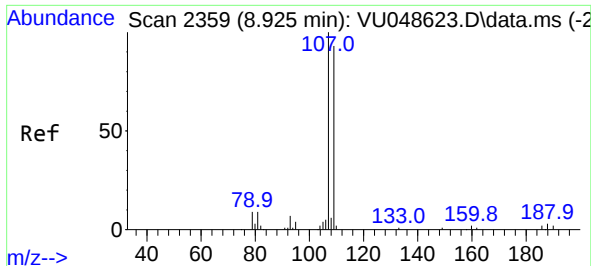


#49
Dibromochloromethane
Concen: 54.668 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion: 129 Resp: 121651

Ion	Ratio	Lower	Upper
129	100		
127	77.2	53.1	98.5

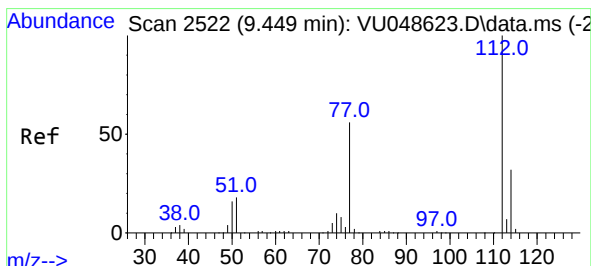
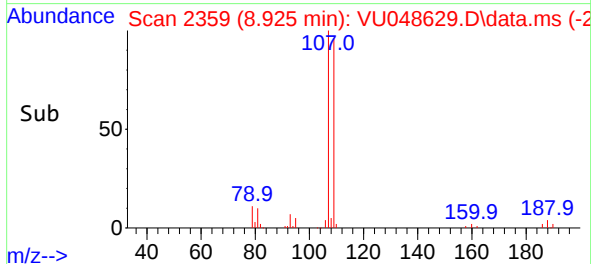
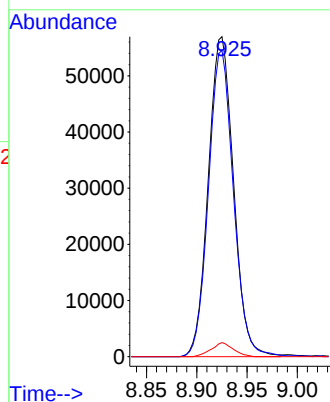
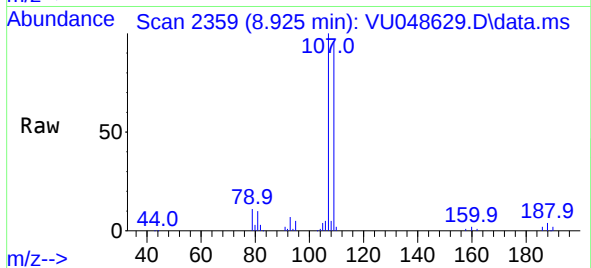




#50
1,2-Dibromoethane
Concen: 49.656 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

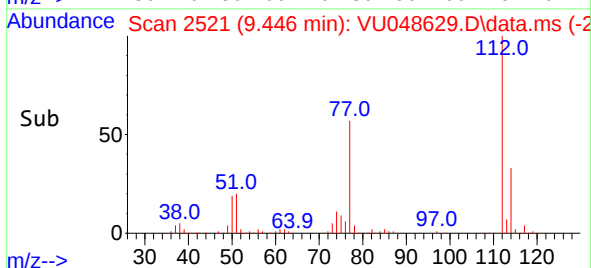
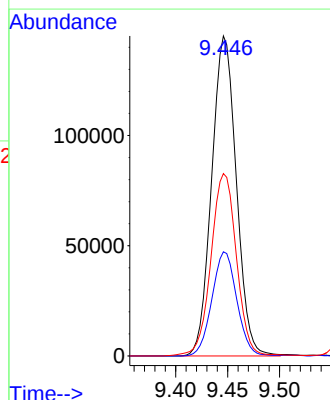
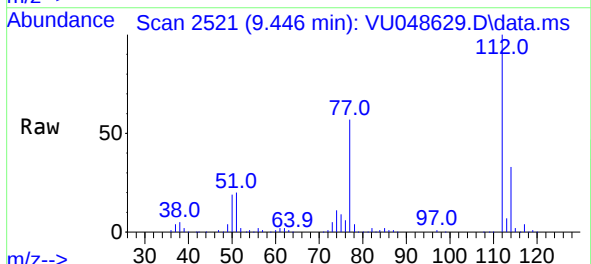
Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD

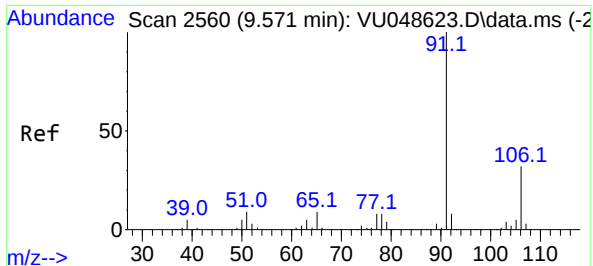
Tgt Ion:107 Resp: 99191
Ion Ratio Lower Upper
107 100
109 95.7 67.5 125.3
188 4.4 3.4 5.2



#51
Chlorobenzene
Concen: 48.787 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion:112 Resp: 239729
Ion Ratio Lower Upper
112 100
114 32.6 22.3 41.5
77 57.0 46.5 69.7

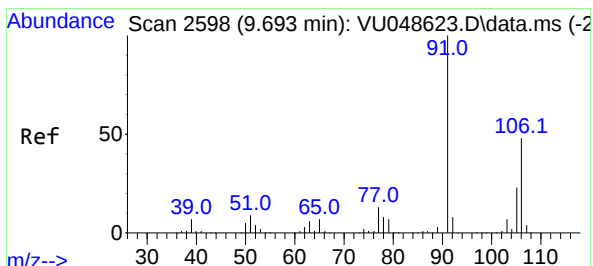
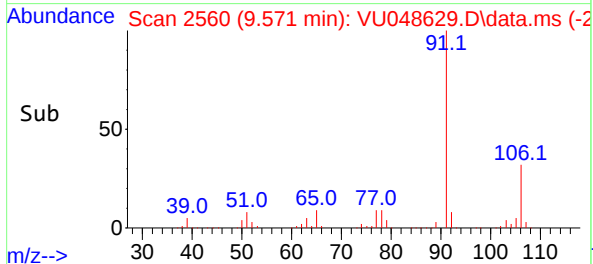
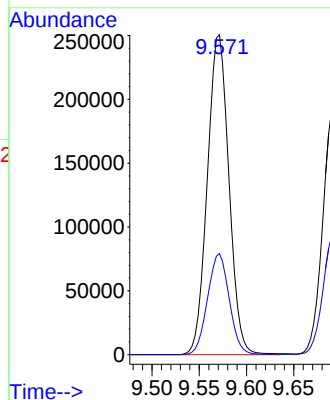
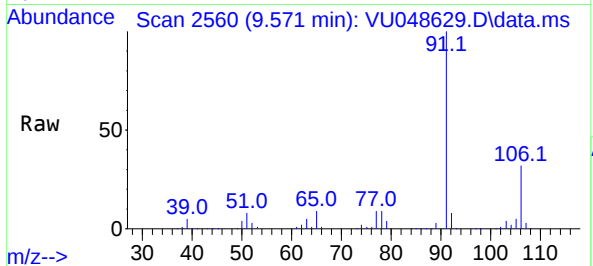




#52
Ethylbenzene
Concen: 49.458 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

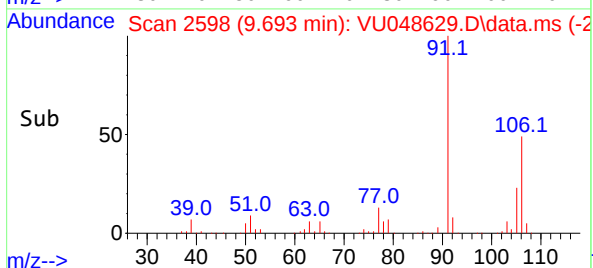
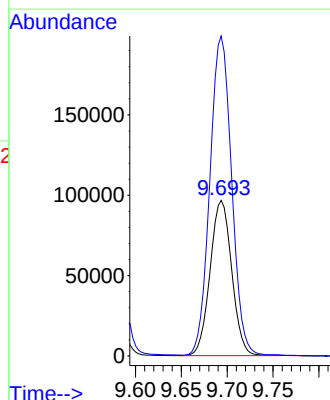
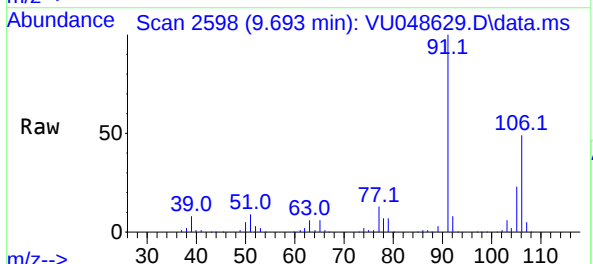
Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD

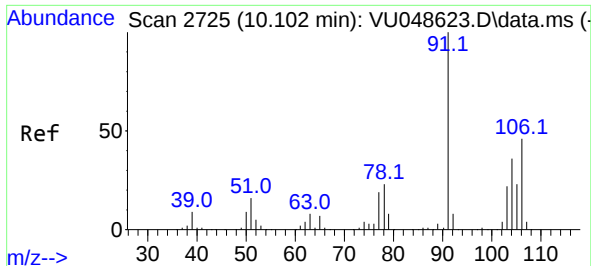
Tgt Ion: 91 Resp: 398202
Ion Ratio Lower Upper
91 100
106 31.6 21.8 40.6



#53
m,p-Xylene
Concen: 48.864 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion: 106 Resp: 158105
Ion Ratio Lower Upper
106 100
91 205.7 141.8 263.4

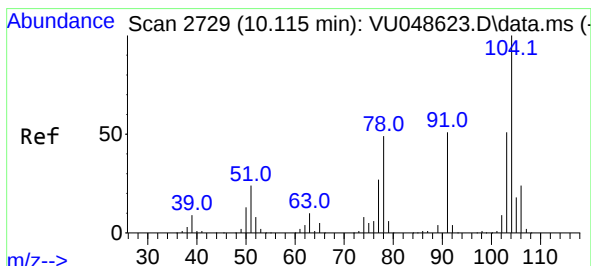
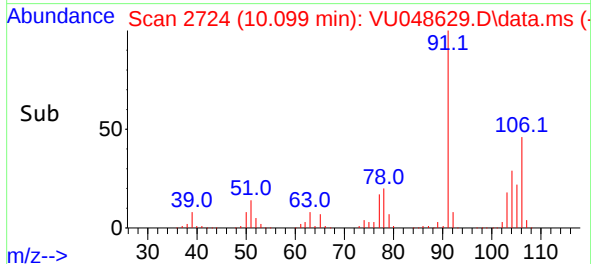
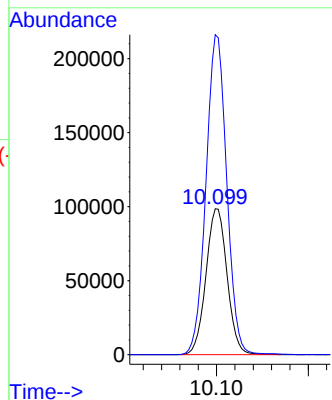
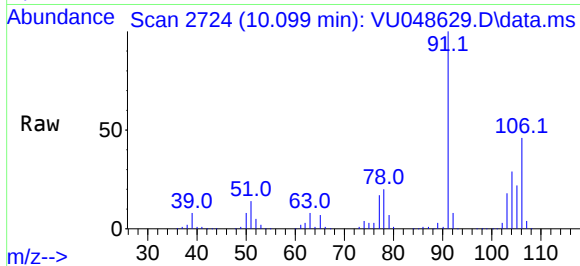




#54
o-Xylene
Concen: 50.911 ug/L
RT: 10.099 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

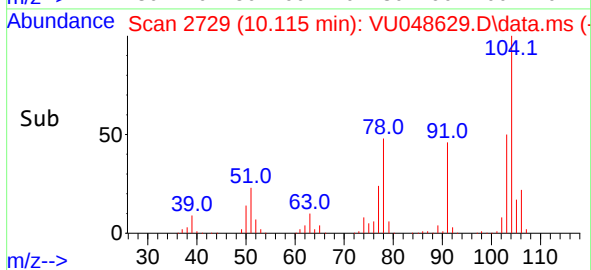
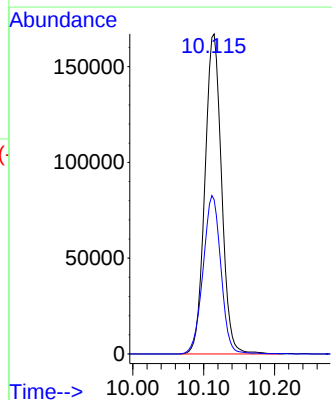
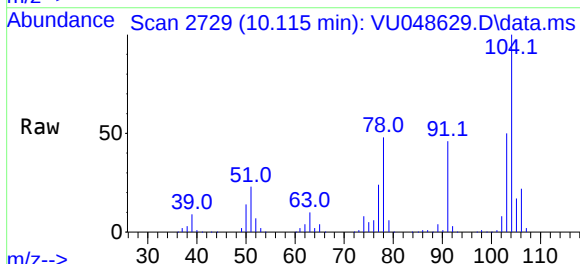
Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD

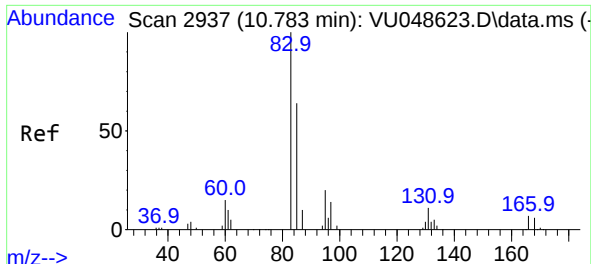
Tgt Ion:106 Resp: 157811
Ion Ratio Lower Upper
106 100
91 219.3 150.1 278.9



#55
Styrene
Concen: 50.623 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion:104 Resp: 272832
Ion Ratio Lower Upper
104 100
78 48.2 32.7 60.7

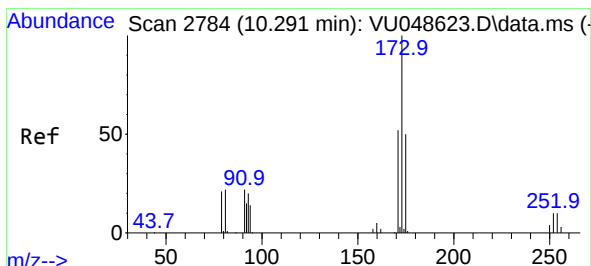
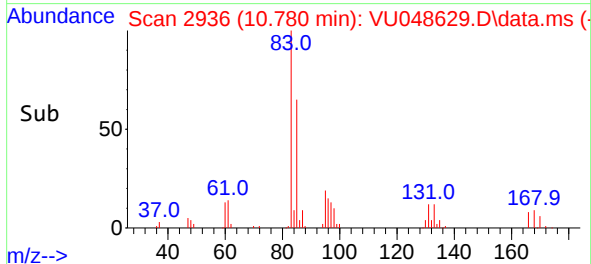
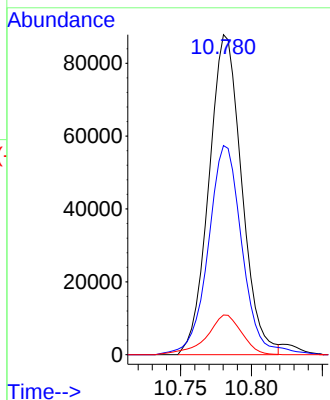
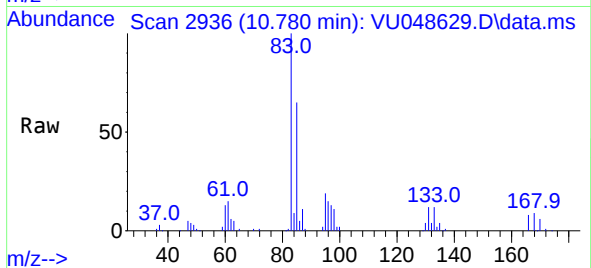




#57
1,1,2,2-Tetrachloroethane
Concen: 47.346 ug/L
RT: 10.780 min Scan# 2937
Delta R.T. -0.003 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

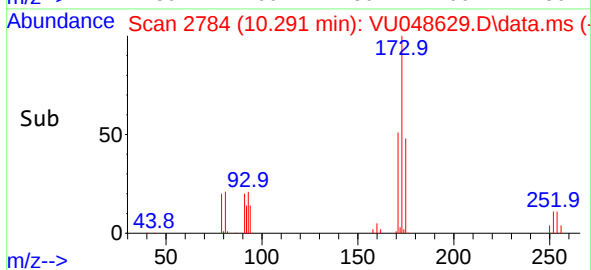
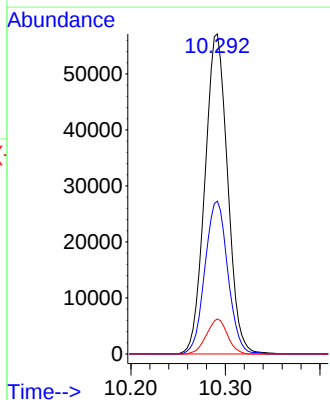
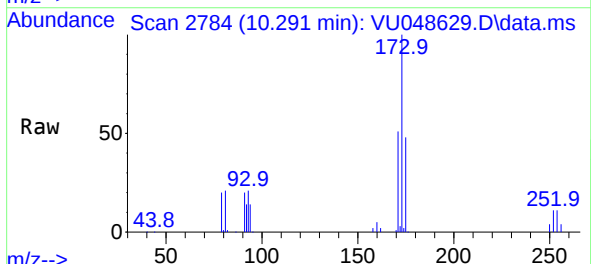
Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD

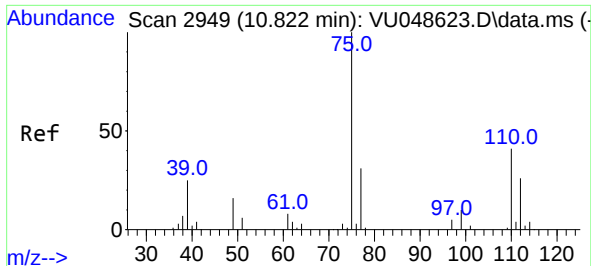
Tgt Ion: 83 Resp: 141629
Ion Ratio Lower Upper
83 100
85 65.3 44.1 81.9
131 12.4 8.9 13.3



#59
Bromoform
Concen: 51.031 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion: 173 Resp: 95295
Ion Ratio Lower Upper
173 100
175 48.1 38.2 57.4
254 10.0 7.7 11.5

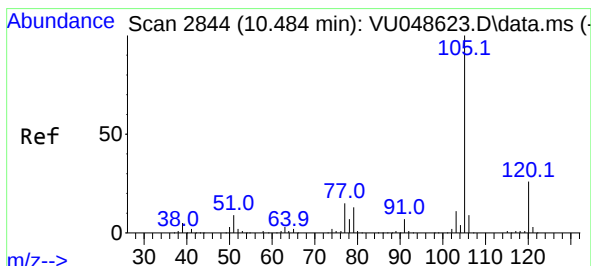
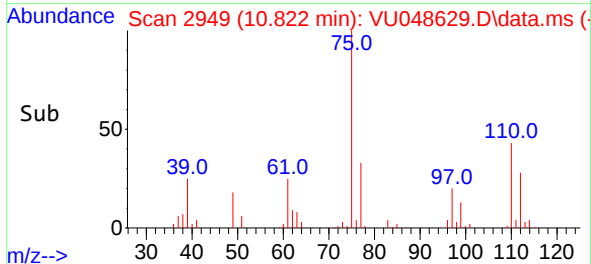
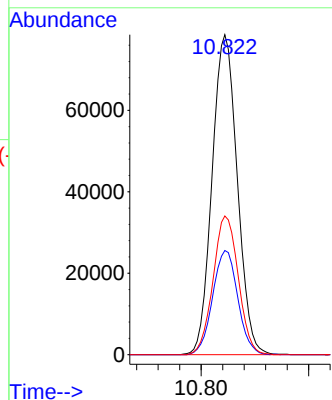
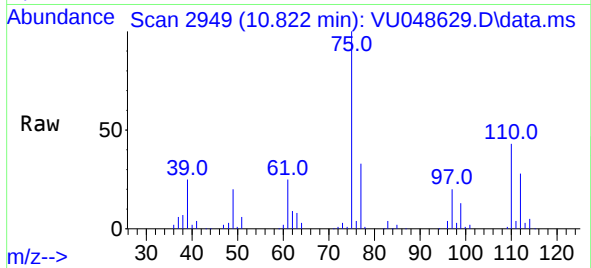




#60
1,2,3-Trichloropropane
Concen: 47.459 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

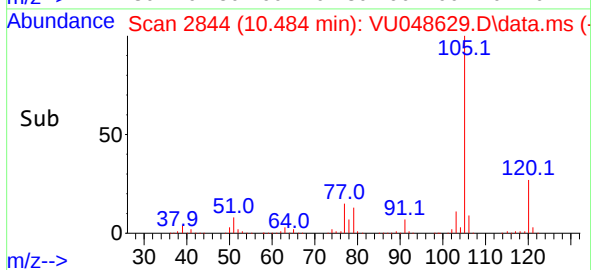
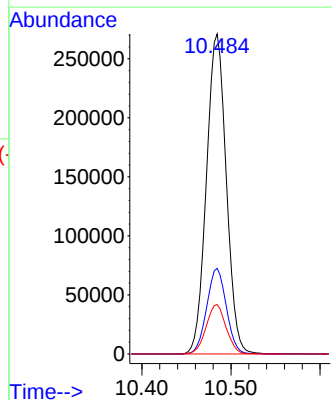
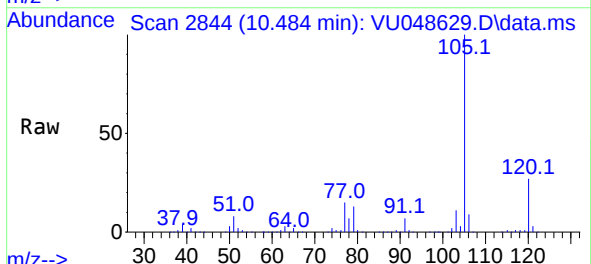
Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD

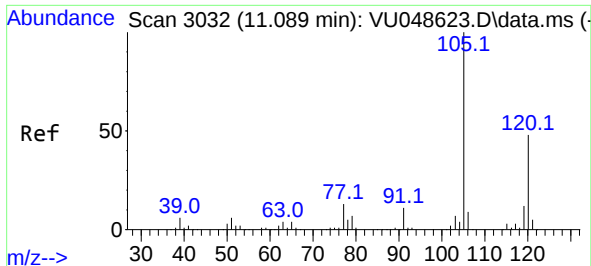
Tgt Ion: 75 Resp: 127867
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0
110 43.4 32.1 48.1



#61
Isopropylbenzene
Concen: 50.050 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion: 105 Resp: 418741
Ion Ratio Lower Upper
105 100
120 26.4 21.0 31.6
77 15.5 12.5 18.7

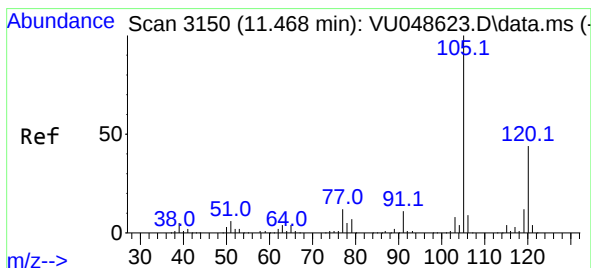
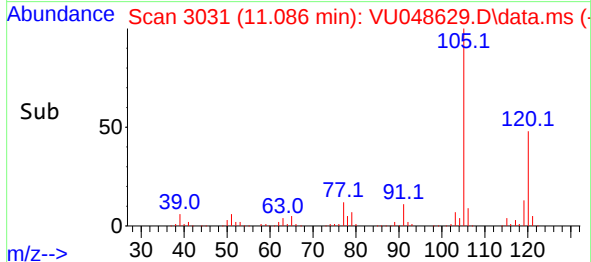
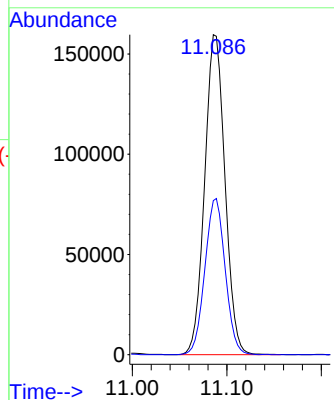
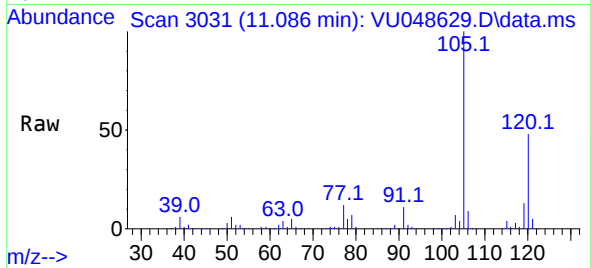




#62
1,3,5-Trimethylbenzene
Concen: 50.116 ug/L
RT: 11.086 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

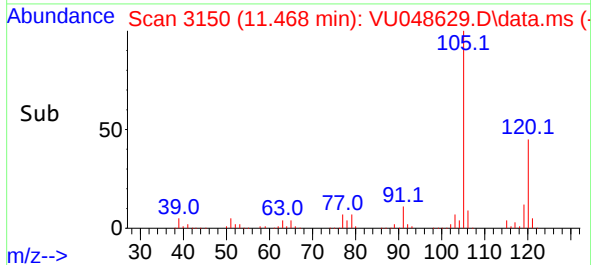
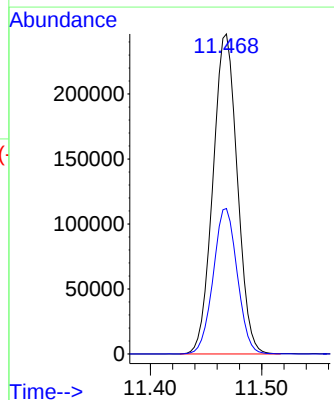
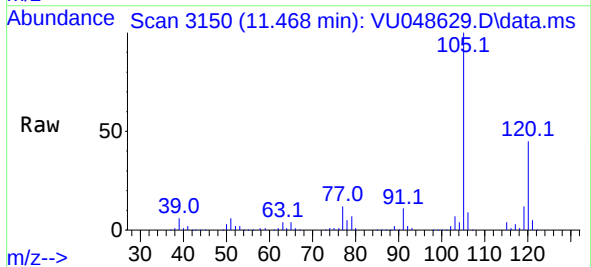
Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD

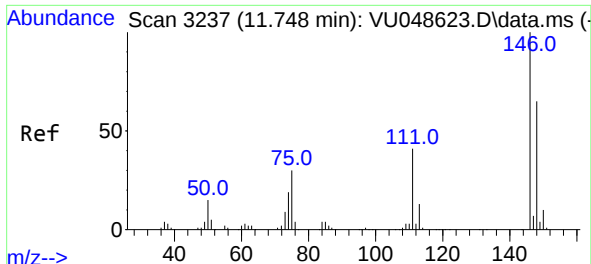
Tgt Ion:105 Resp: 238375
Ion Ratio Lower Upper
105 100
120 48.8 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 50.586 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion:105 Resp: 374143
Ion Ratio Lower Upper
105 100
120 44.9 35.4 53.2

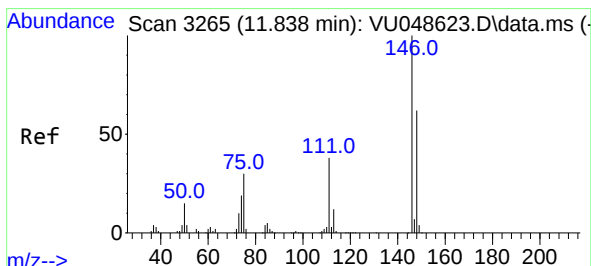
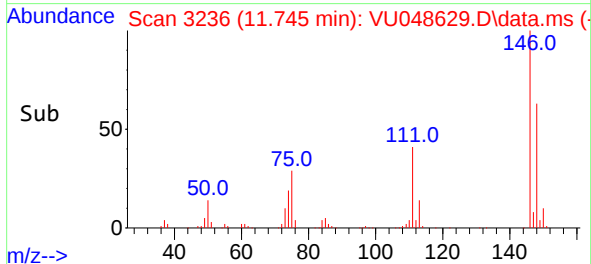
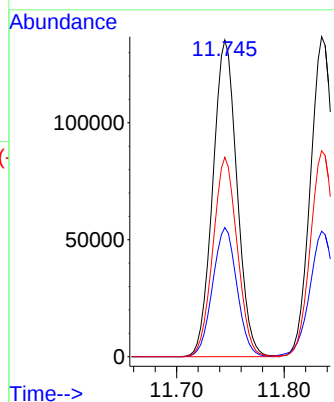
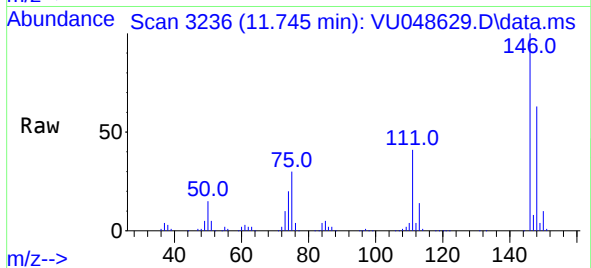




#64
1,3-Dichlorobenzene
Concen: 49.075 ug/L
RT: 11.745 min Scan# 311
Delta R.T. -0.003 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

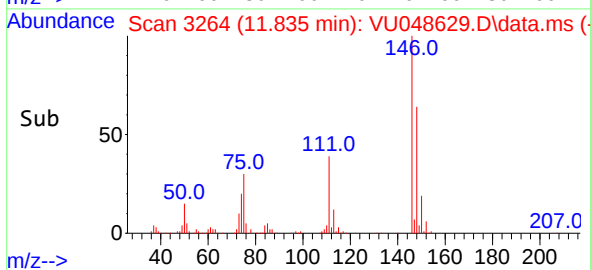
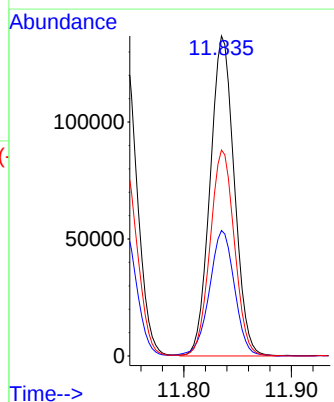
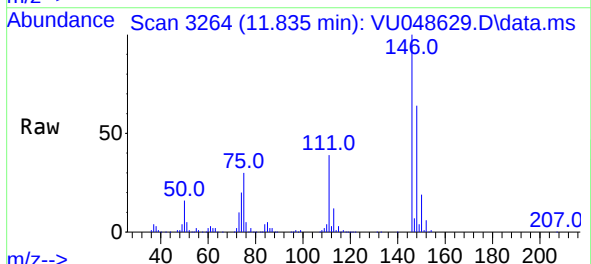
Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD

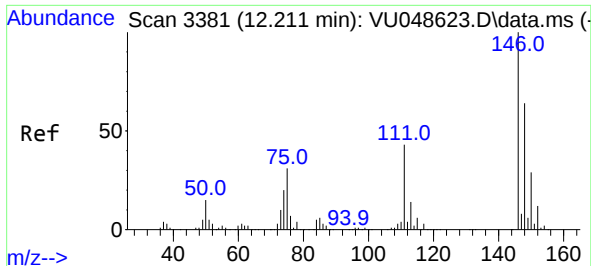
Tgt Ion:146 Resp: 211737
Ion Ratio Lower Upper
146 100
111 40.8 28.7 53.3
148 63.0 43.7 81.1



#65
1,4-Dichlorobenzene
Concen: 47.678 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion:146 Resp: 213466
Ion Ratio Lower Upper
146 100
111 39.2 27.6 51.2
148 64.3 44.2 82.2





#67

1,2-Dichlorobenzene

Concen: 48.653 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU048629.D

Acq: 19 May 2022 13:04

Instrument :

MSVOA_U

ClientSampleId :

EXXX3MSD

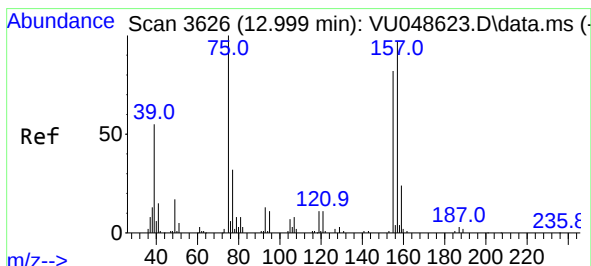
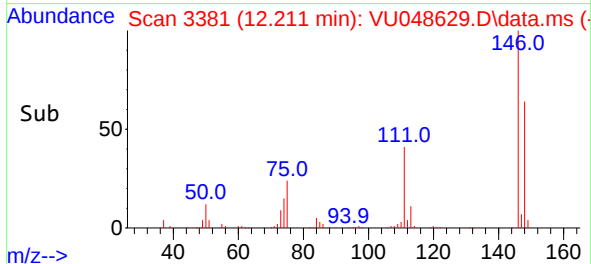
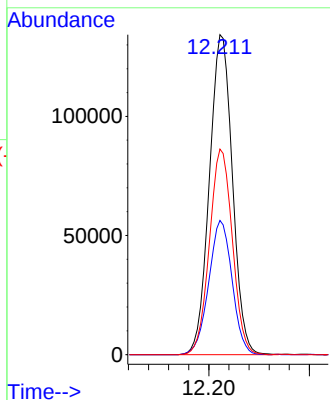
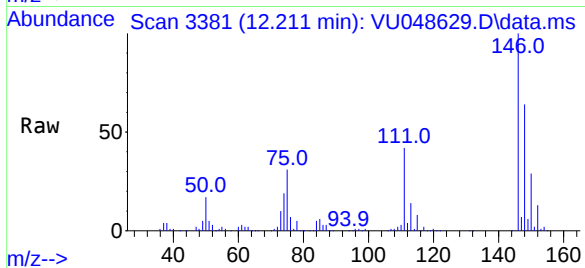
Tgt Ion:146 Resp: 213511

Ion Ratio Lower Upper

146 100

111 42.0 34.1 51.1

148 64.3 50.9 76.3



#68

1,2-Dibromo-3-chloropropane

Concen: 48.053 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU048629.D

Acq: 19 May 2022 13:04

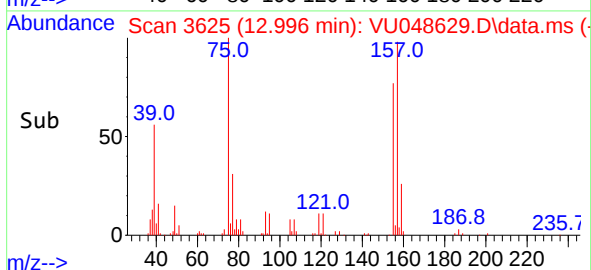
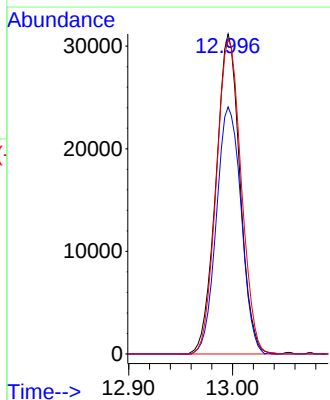
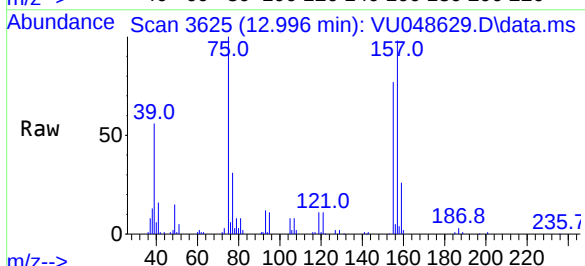
Tgt Ion: 75 Resp: 50056

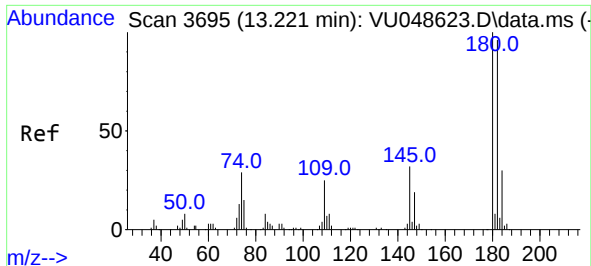
Ion Ratio Lower Upper

75 100

155 77.2 63.5 95.3

157 98.2 83.5 125.3



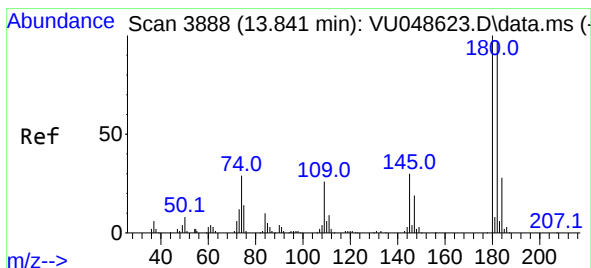
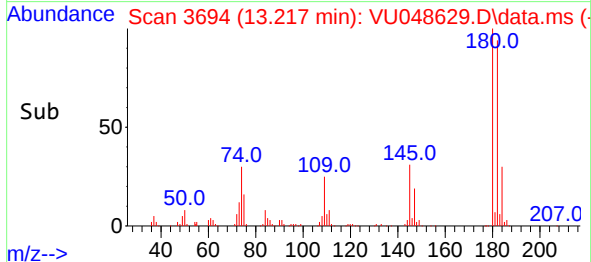
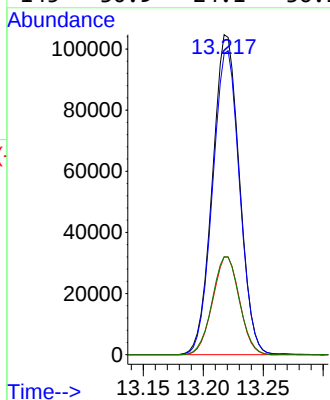
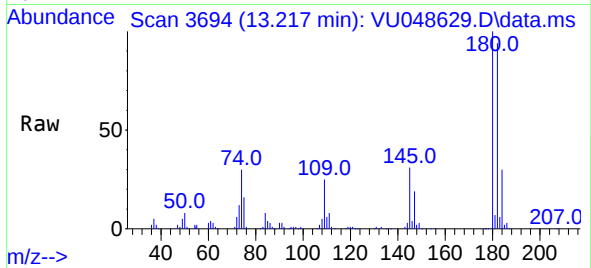


#69
 1,3,5-Trichlorobenzene
 Concen: 47.470 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU048629.D
 Acq: 19 May 2022 13:04

Instrument :
 MSVOA_U
 ClientSampleId :
 EXXX3MSD

Tgt Ion:180 Resp: 163245

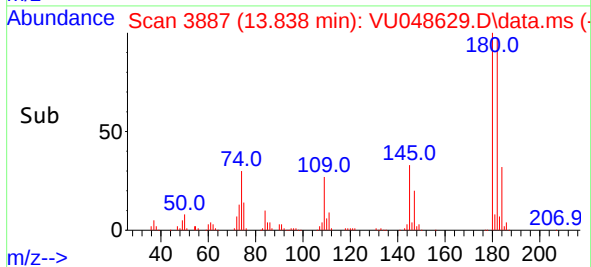
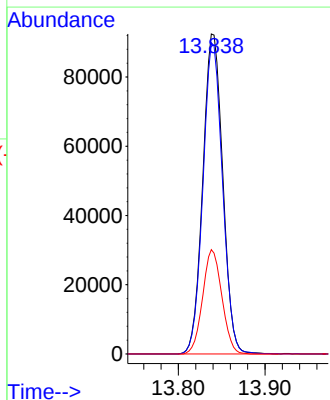
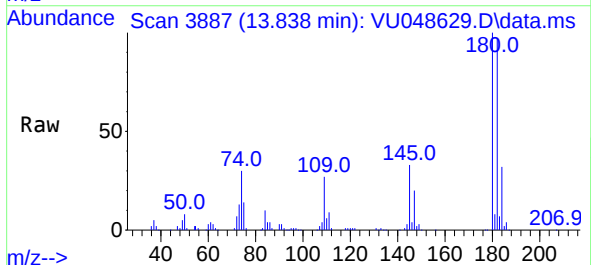
Ion	Ratio	Lower	Upper
180	100		
182	95.2	75.8	113.6
184	30.4	23.4	35.2
145	30.9	24.1	36.1

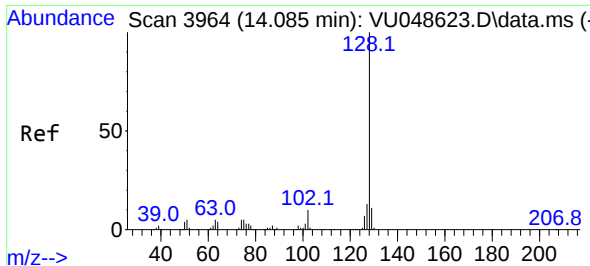


#70
 1,2,4-trichlorobenzene
 Concen: 47.517 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.003 min
 Lab File: VU048629.D
 Acq: 19 May 2022 13:04

Tgt Ion:180 Resp: 147793

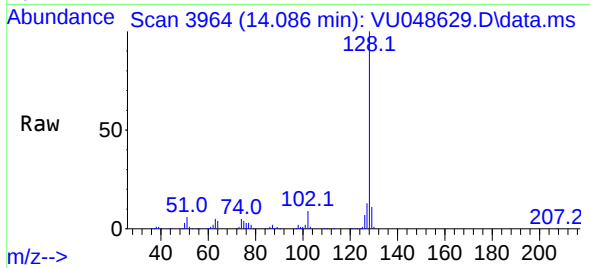
Ion	Ratio	Lower	Upper
180	100		
182	95.5	75.8	113.8
145	31.4	24.9	37.3



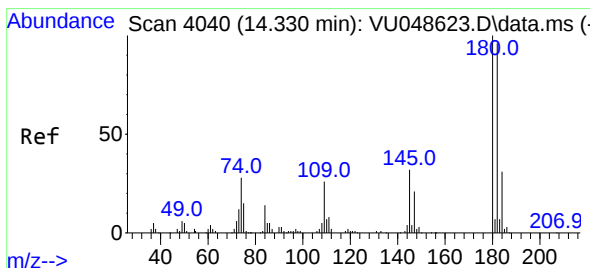
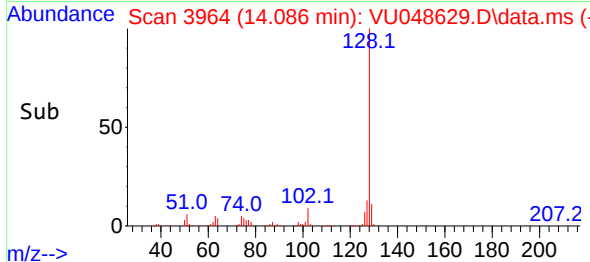
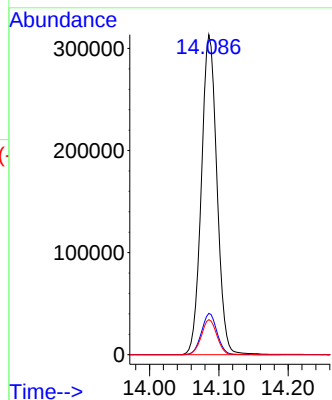


#71
Naphthalene
Concen: 47.759 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Instrument :
MSVOA_U
ClientSampleId :
EXXX3MSD



Tgt Ion:128 Resp: 489806
Ion Ratio Lower Upper
128 100
127 12.9 10.6 16.0
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 49.291 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048629.D
Acq: 19 May 2022 13:04

Tgt Ion:180 Resp: 153925
Ion Ratio Lower Upper
180 100
182 93.5 75.6 113.4
145 32.7 27.1 40.7

