

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049054.D
 Acq On : 11 Jun 2022 14:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 01:28:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:18:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	159637	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	154412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	81370	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30469	4.315	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.912	69	36801	4.780	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.568	65	15567	4.223	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.636	46	217219	61.791	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.580%
24) Chloroform-d	5.063	84	116326	5.098	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.703	65	66880	5.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
32) Benzene-d6	5.729	84	207187	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
36) 1,2-Dichloropropane-d6	6.690	67	75825	5.367	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.400%
41) Toluene-d8	7.899	98	176916	5.078	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	8.179	79	25661	5.406	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.200%
46) 2-Hexanone-d5	8.636	63	167823	64.539	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.080%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	68546	5.516	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	78775	5.263	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	67860	3.764	ug/L	97
3) Chloromethane	1.520	50	74265	4.793	ug/L	99
5) Vinyl chloride	1.604	62	64902	4.539	ug/L	98
6) Bromomethane	1.858	94	40578	4.918	ug/L	95
8) Chloroethane	1.935	64	36773	4.811	ug/L	98
9) Trichlorofluoromethane	2.137	101	79349	4.139	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	41777	4.119	ug/L	98
12) 1,1-Dichloroethene	2.581	96	44310	4.487	ug/L	92
13) Acetone	2.649	43	103073	56.646	ug/L	99
14) Carbon disulfide	2.793	76	157415	4.631	ug/L	99
15) Methyl Acetate	2.957	43	25114	5.355	ug/L	100
16) Methylene chloride	3.047	84	58244	4.798	ug/L	99
17) Methyl tert-butyl Ether	3.366	73	142104	5.363	ug/L	98
18) trans-1,2-Dichloroethene	3.356	96	53142	4.936	ug/L	96
19) 1,1-Dichloroethane	3.871	63	101961	4.942	ug/L	98
21) 2-Butanone	4.713	43	185402	58.354	ug/L	99
22) cis-1,2-Dichloroethene	4.668	96	61321	4.812	ug/L	95
23) Bromochloromethane	4.977	128	29113	5.277	ug/L	97
25) Chloroform	5.089	83	110147	5.047	ug/L	98

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 Data File : VU049054.D
 Acq On : 11 Jun 2022 14:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 01:28:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:18:55 2022
 Response via : Initial Calibration

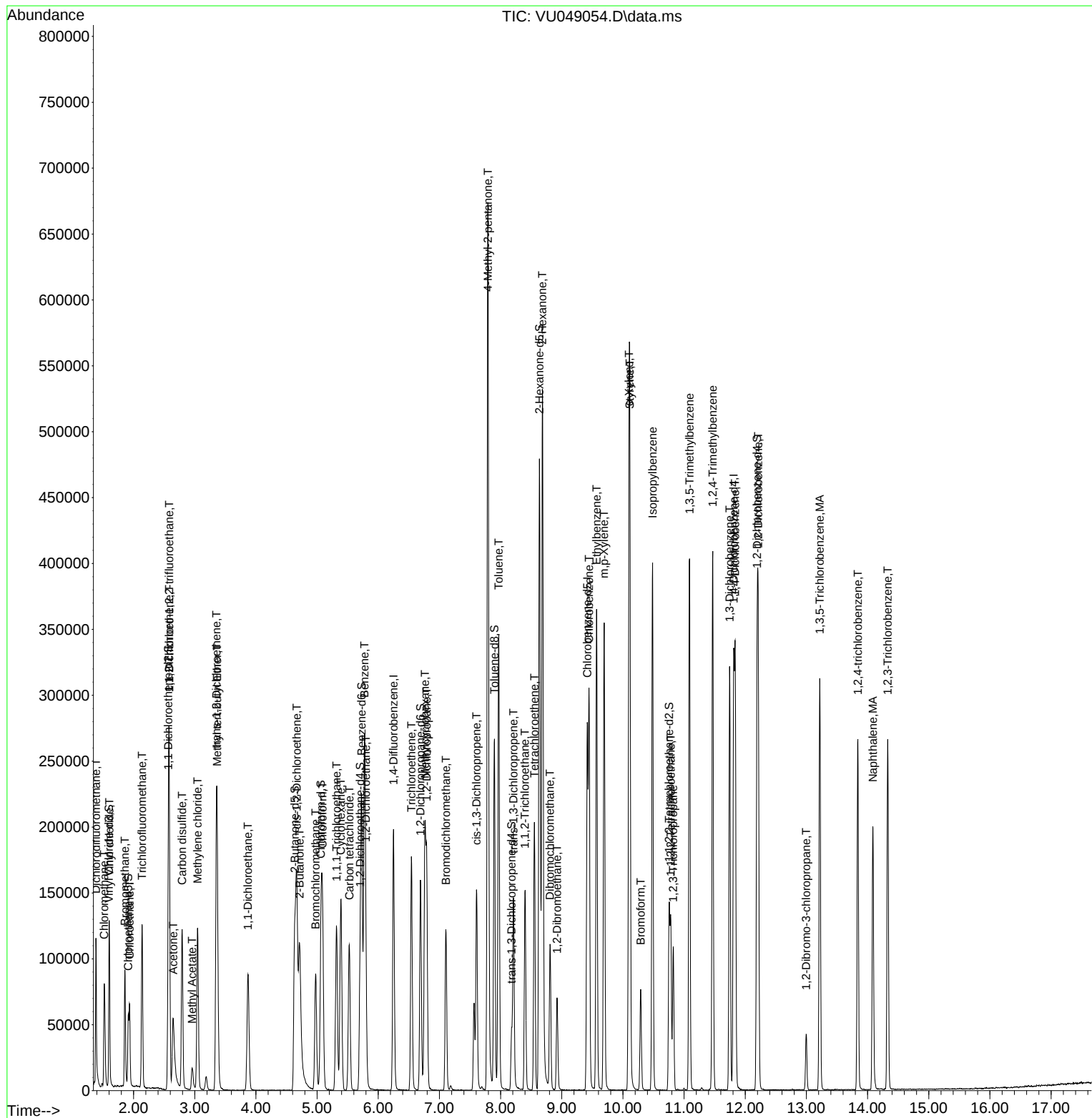
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	75921	5.205	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	93219	4.719	ug/L	99
30) Cyclohexane	5.391	56	70829	4.119	ug/L	96
31) Carbon tetrachloride	5.526	117	79771	4.549	ug/L	100
33) Benzene	5.774	78	235545	5.091	ug/L	100
34) Trichloroethene	6.542	95	61752	5.166	ug/L	96
35) Methylcyclohexane	6.764	83	75519	4.174	ug/L	99
37) 1,2-Dichloropropane	6.790	63	64015	5.289	ug/L	99
38) Bromodichloromethane	7.105	83	80859	4.985	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	91183	5.502	ug/L	94
40) 4-Methyl-2-pentanone	7.793	43	445358	57.809	ug/L	99
42) Toluene	7.970	91	249190	5.302	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	83795	5.622	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	48154	5.602	ug/L	96
47) Tetrachloroethene	8.552	164	46081	4.850	ug/L	97
48) 2-Hexanone	8.684	43	350957	61.332	ug/L	99
49) Dibromochloromethane	8.809	129	59107	5.399	ug/L	98
50) 1,2-Dibromoethane	8.922	107	48103	5.685	ug/L	97
51) Chlorobenzene	9.446	112	161776	5.226	ug/L	100
52) Ethylbenzene	9.571	91	251747	5.217	ug/L	99
53) m,p-Xylene	9.693	106	103304	5.243	ug/L	98
54) o-Xylene	10.099	106	102461	5.410	ug/L	97
55) Styrene	10.115	104	178407	5.635	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.783	83	62858	5.630	ug/L	98
59) Bromoform	10.291	173	35717	5.386	ug/L	97
60) Isopropylbenzene	10.484	105	255900	5.144	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	45659	5.236	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	219980	5.282	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	225746	5.429	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	133384	5.386	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	133411	5.538	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	125786	5.271	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	11569	5.589	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	98684	5.327	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	84264	5.763	ug/L	99
71) Naphthalene	14.086	128	168977	5.917	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	83163	5.969	ug/L	97

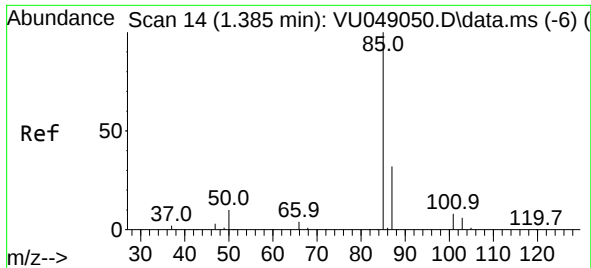
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Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
Data File : VU049054.D
Acq On : 11 Jun 2022 14:56
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jun 13 01:28:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 13 01:18:55 2022
Response via : Initial Calibration

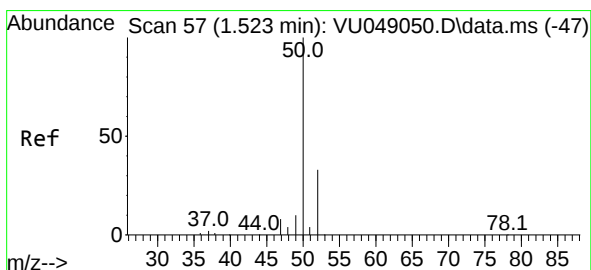
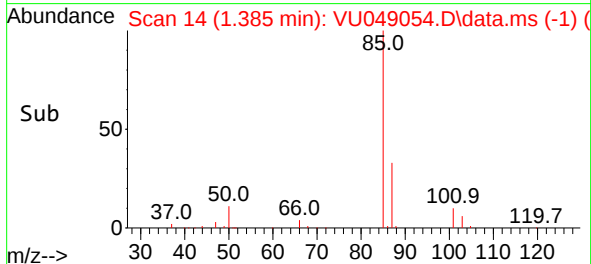
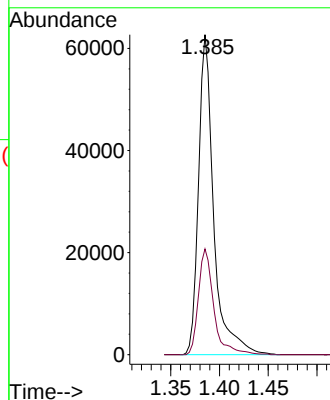
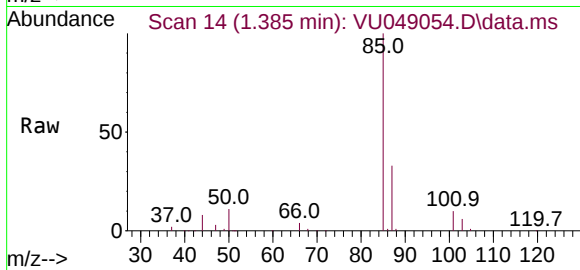




#2
 Dichlorodifluoromethane
 Concen: 3.764 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VU049054.D
 Acq: 11 Jun 2022 14:56

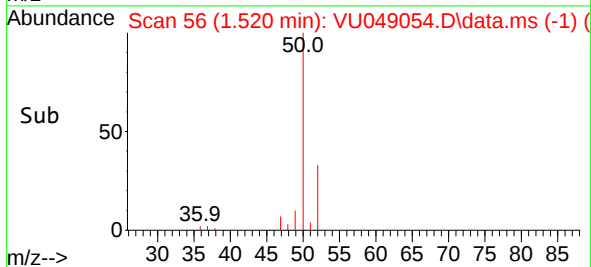
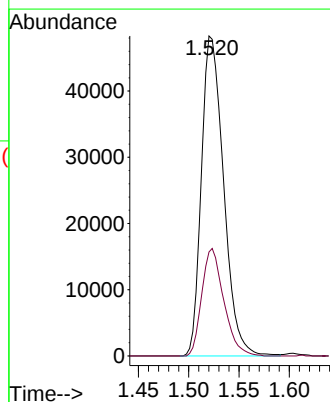
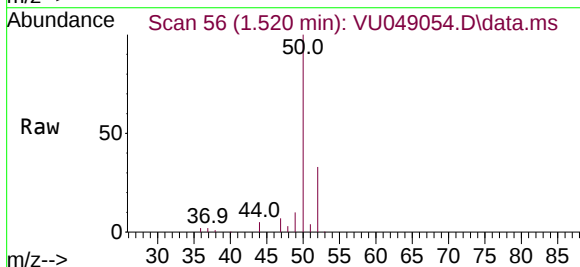
Instrument :
 MSVOA_U
 ClientSampleId :

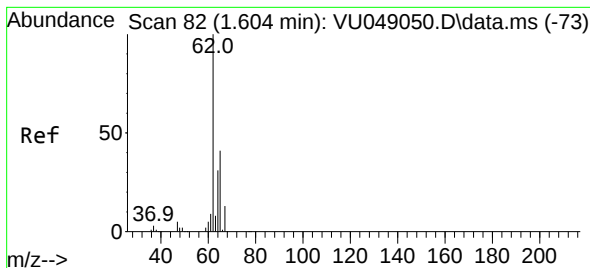
Tgt Ion: 85 Resp: 67860
 Ion Ratio Lower Upper
 85 100
 87 33.6 25.4 38.0



#3
 Chloromethane
 Concen: 4.793 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.003 min
 Lab File: VU049054.D
 Acq: 11 Jun 2022 14:56

Tgt Ion: 50 Resp: 74265
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.2 43.0





#5

Vinyl chloride

Concen: 4.539 ug/L

RT: 1.604 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

Instrument :

MSVOA_U

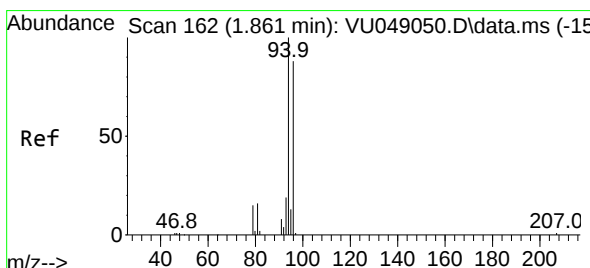
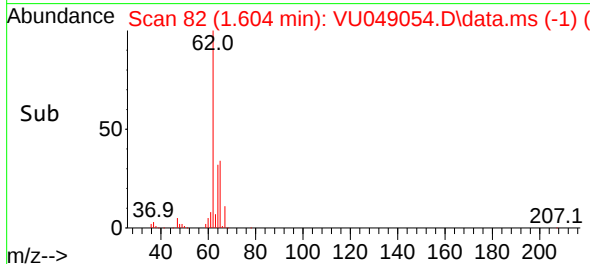
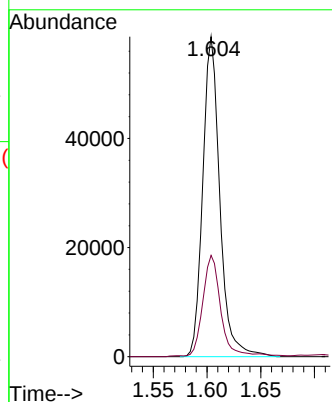
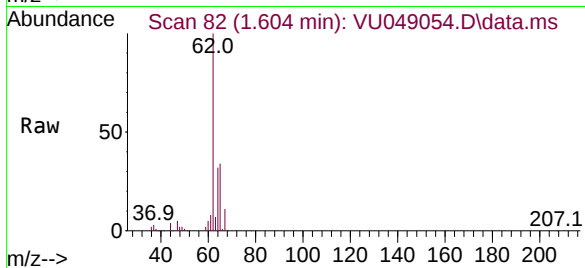
ClientSampleId :

Tgt Ion: 62 Resp: 64902

Ion Ratio Lower Upper

62 100

64 31.6 21.5 39.9



#6

Bromomethane

Concen: 4.918 ug/L

RT: 1.858 min Scan# 161

Delta R.T. -0.003 min

Lab File: VU049054.D

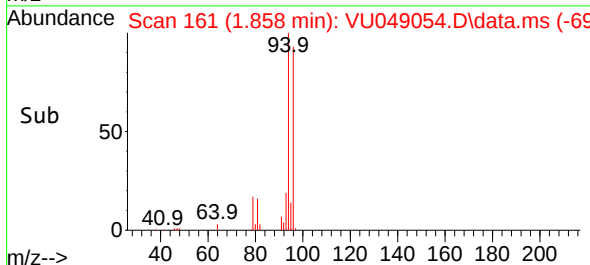
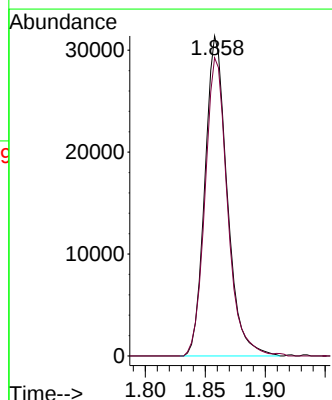
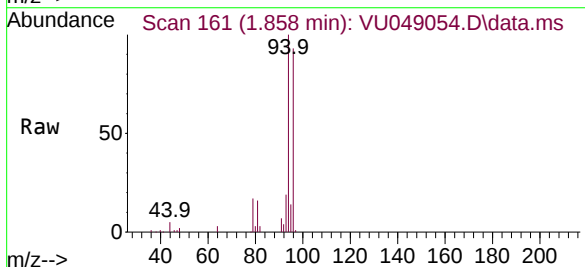
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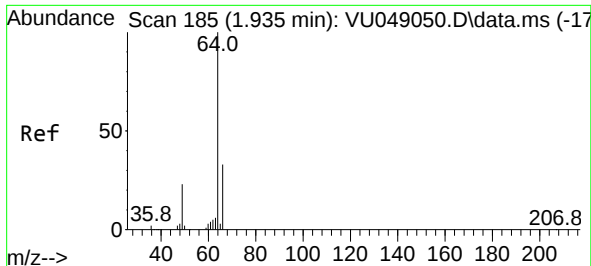
Tgt Ion: 94 Resp: 40578

Ion Ratio Lower Upper

94 100

96 93.2 61.9 114.9

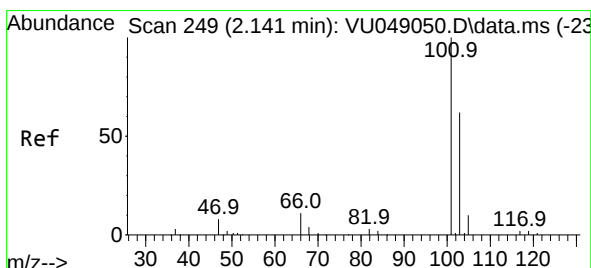
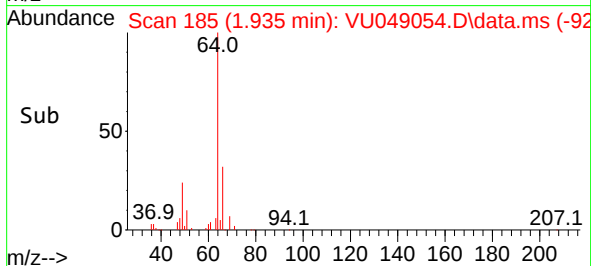
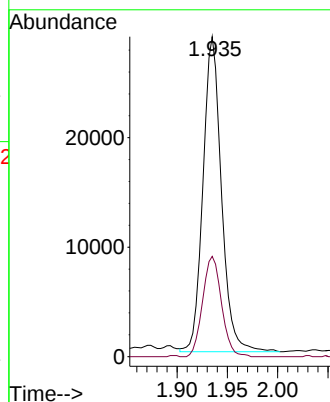
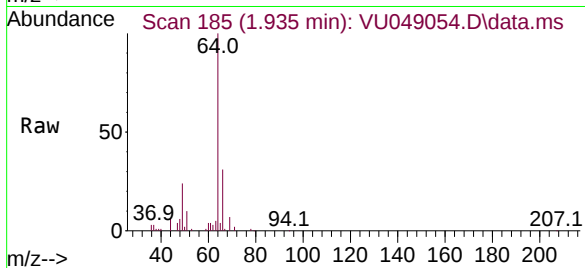




#8
Chloroethane
Concen: 4.811 ug/L
RT: 1.935 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

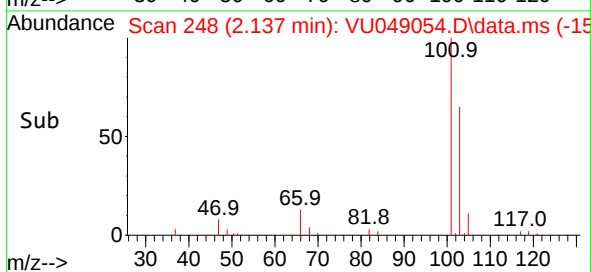
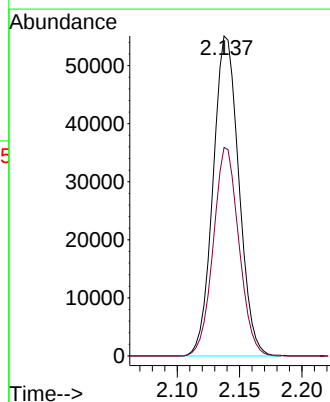
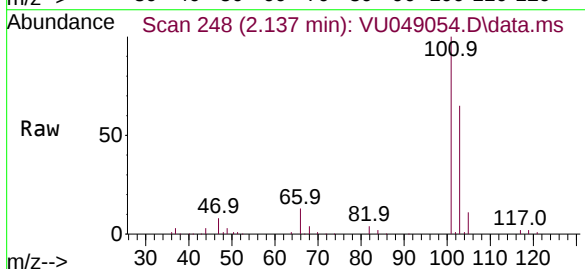
Instrument :
MSVOA_U
ClientSampleId :

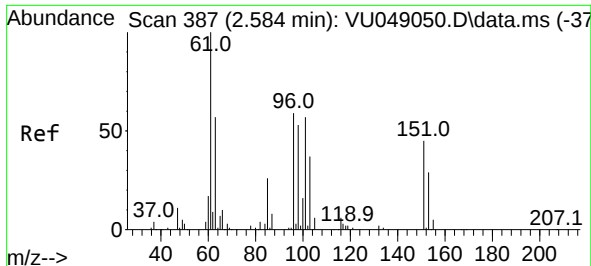
Tgt Ion: 64 Resp: 36773
Ion Ratio Lower Upper
64 100
66 31.4 22.7 42.3



#9
Trichlorofluoromethane
Concen: 4.139 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

Tgt Ion: 101 Resp: 79349
Ion Ratio Lower Upper
101 100
103 64.7 50.5 75.7

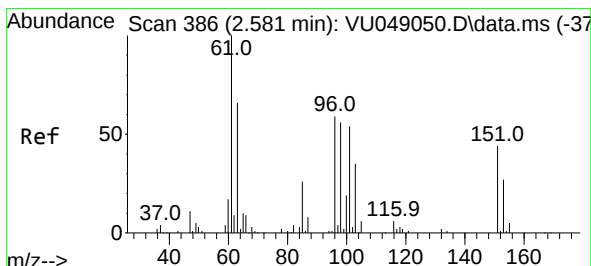
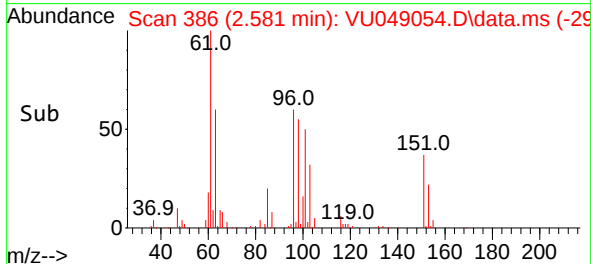
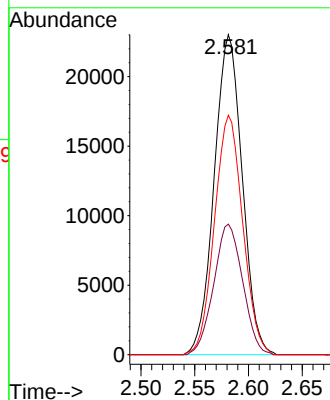
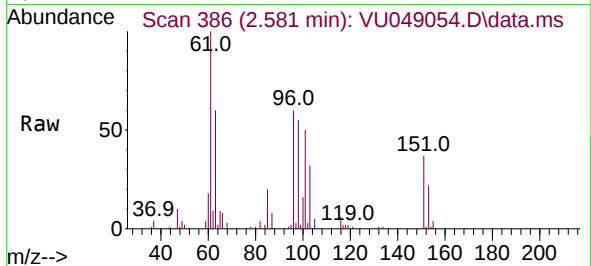




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.119 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.003 min
 Lab File: VU049054.D
 Acq: 11 Jun 2022 14:56

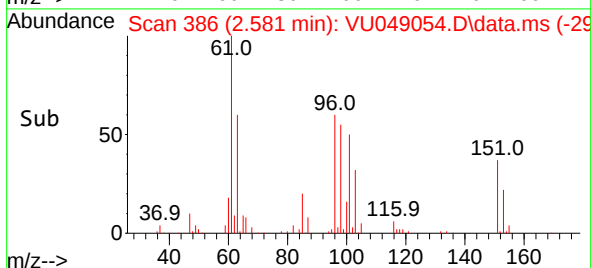
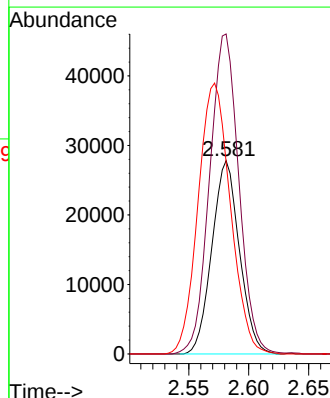
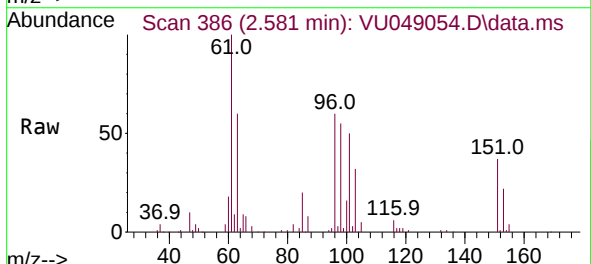
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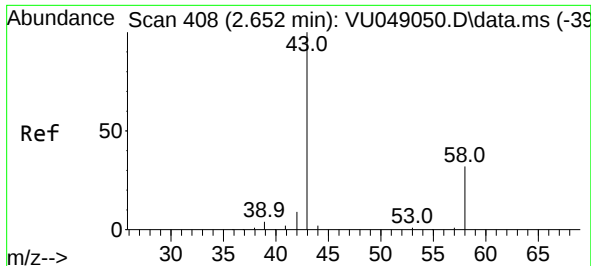
Tgt Ion:101 Resp: 41777
 Ion Ratio Lower Upper
 101 100
 85 42.0 36.0 54.0
 151 75.4 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 4.487 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU049054.D
 Acq: 11 Jun 2022 14:56

Tgt Ion: 96 Resp: 44310
 Ion Ratio Lower Upper
 96 100
 61 165.6 118.9 220.7
 63 99.3 81.8 151.8





#13

Acetone

Concen: 56.646 ug/L

RT: 2.649 min Scan# 408

Delta R.T. -0.003 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

Instrument :

MSVOA_U

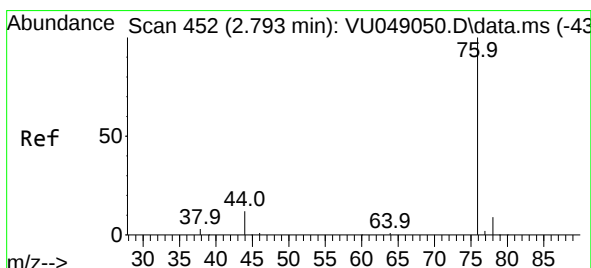
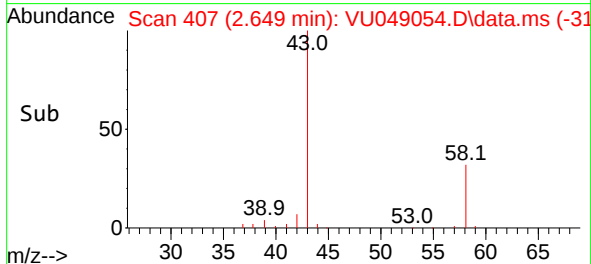
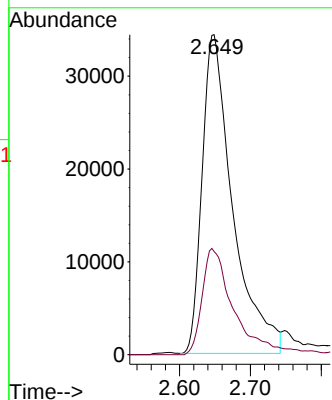
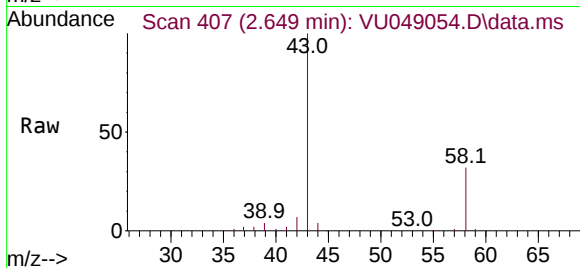
ClientSampleId :

Tgt Ion: 43 Resp: 103073

Ion Ratio Lower Upper

43 100

58 34.3 0.0 67.0



#14

Carbon disulfide

Concen: 4.631 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU049054.D

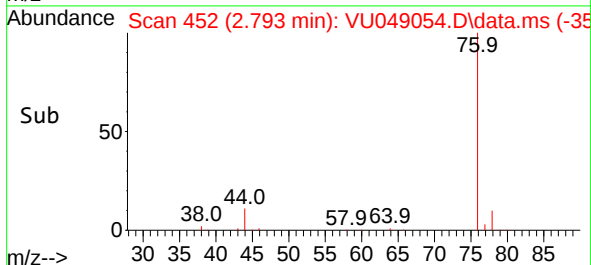
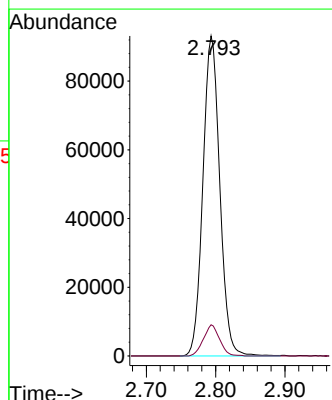
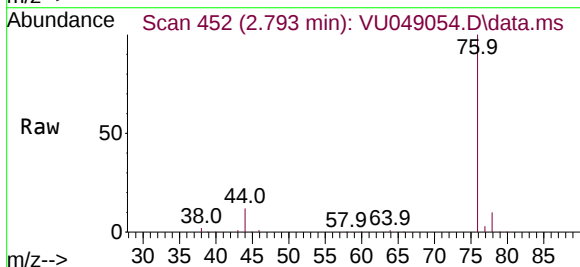
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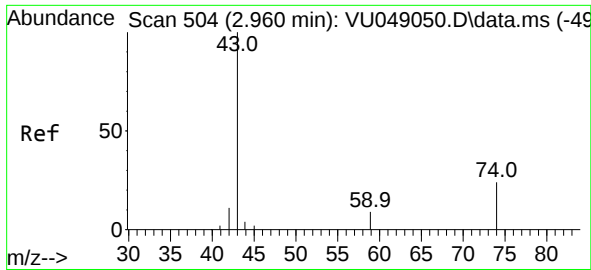
Tgt Ion: 76 Resp: 157415

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3

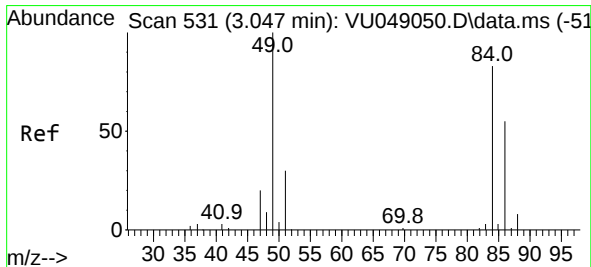
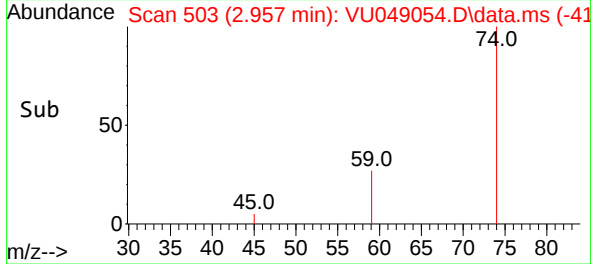
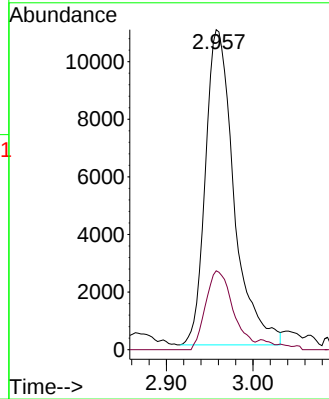
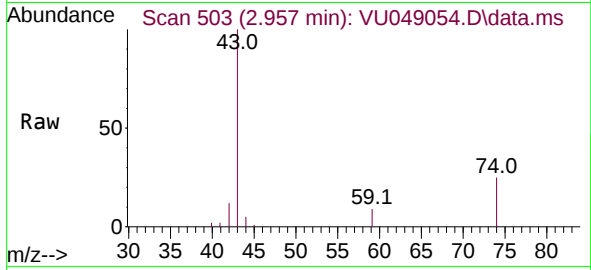




#15
Methyl Acetate
Concen: 5.355 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

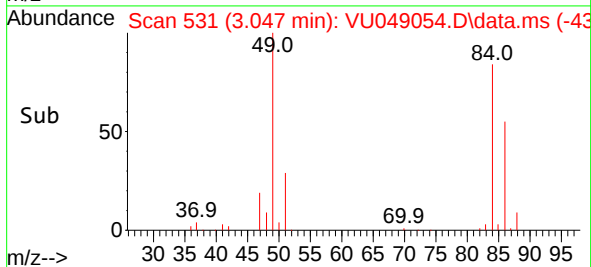
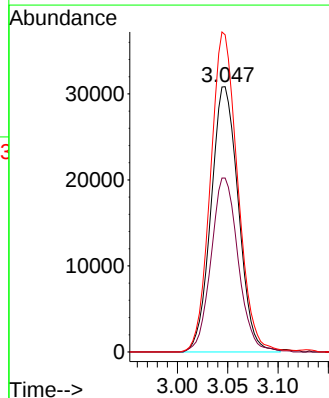
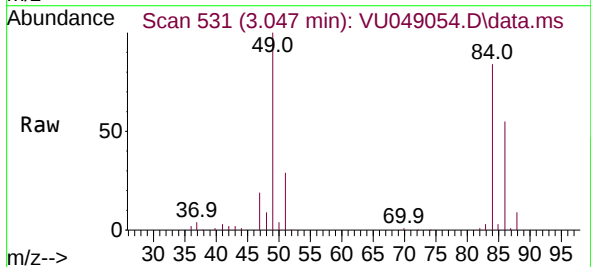
Instrument :
MSVOA_U
ClientSampleId :

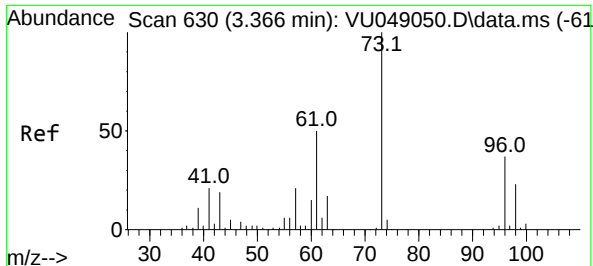
Tgt Ion: 43 Resp: 25114
Ion Ratio Lower Upper
43 100
74 23.9 19.1 28.7



#16
Methylene chloride
Concen: 4.798 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

Tgt Ion: 84 Resp: 58244
Ion Ratio Lower Upper
84 100
86 65.6 46.1 85.7
49 119.6 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 5.363 ug/L

RT: 3.366 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

Instrument :

MSVOA_U

ClientSampleId :

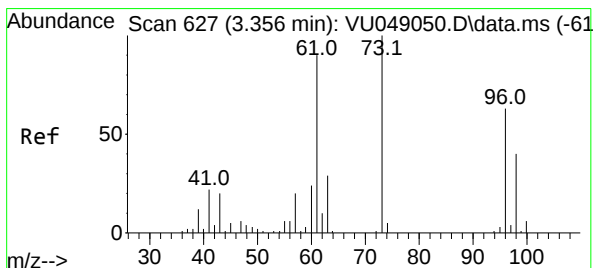
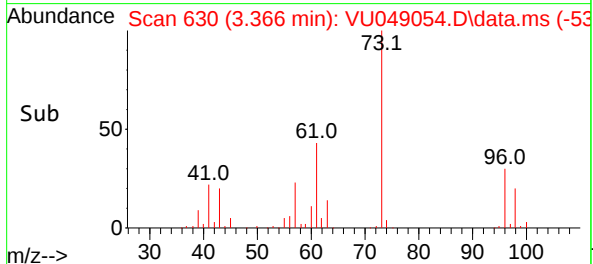
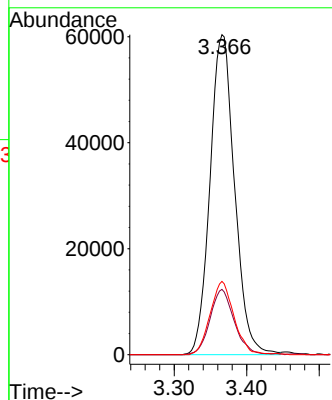
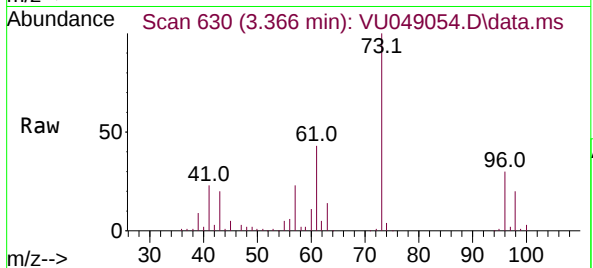
Tgt Ion: 73 Resp: 142104

Ion Ratio Lower Upper

73 100

43 20.1 15.3 22.9

57 22.2 17.0 25.4



#18

trans-1,2-Dichloroethene

Concen: 4.936 ug/L

RT: 3.356 min Scan# 627

Delta R.T. 0.000 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

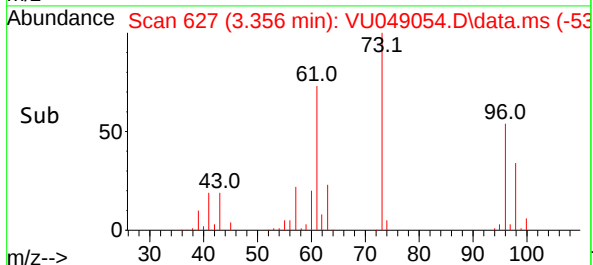
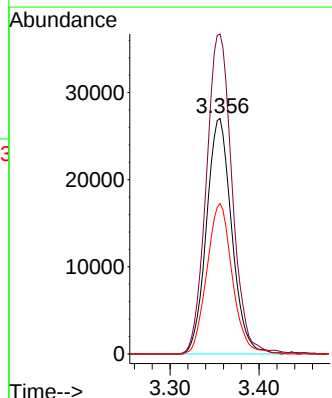
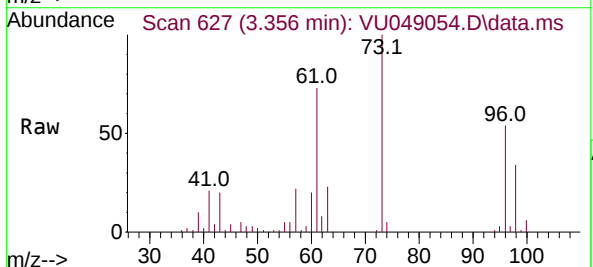
Tgt Ion: 96 Resp: 53142

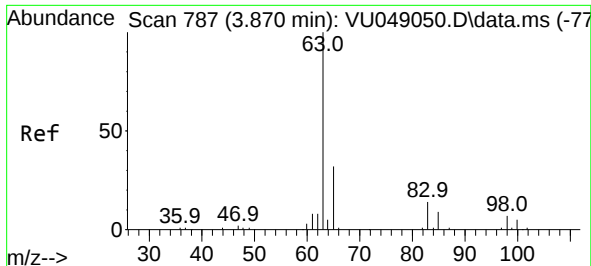
Ion Ratio Lower Upper

96 100

61 135.8 99.1 184.1

98 63.8 44.1 81.9





#19

1,1-Dichloroethane

Concen: 4.942 ug/L

RT: 3.871 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

Instrument :

MSVOA_U

ClientSampleId :

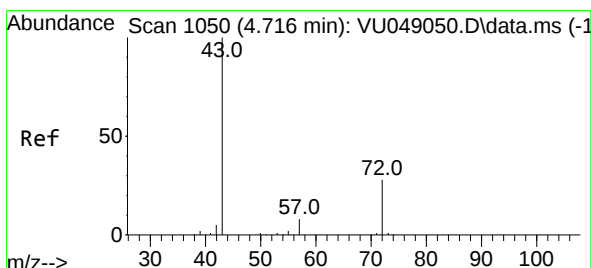
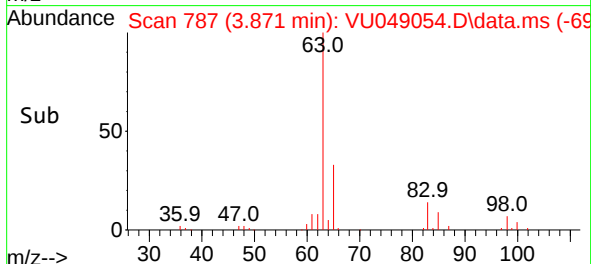
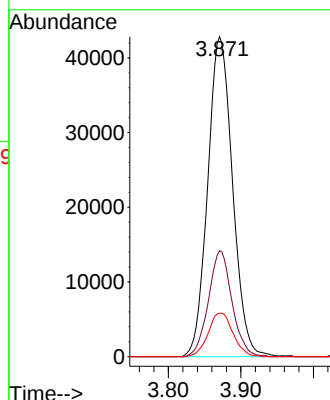
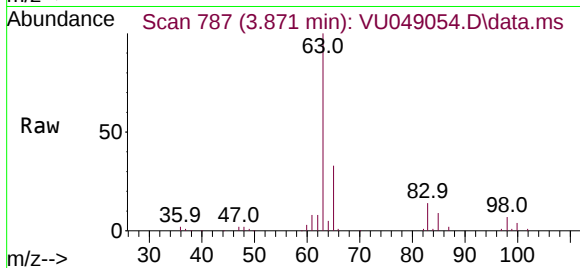
Tgt Ion: 63 Resp: 101961

Ion Ratio Lower Upper

63 100

65 33.1 22.4 41.6

83 13.5 9.7 17.9



#21

2-Butanone

Concen: 58.354 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU049054.D

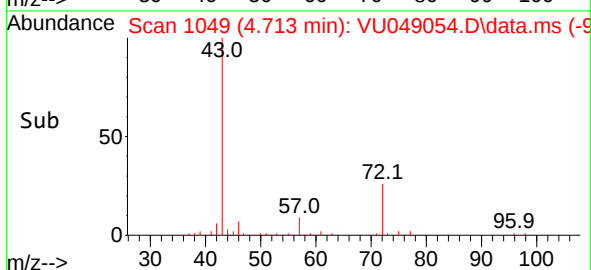
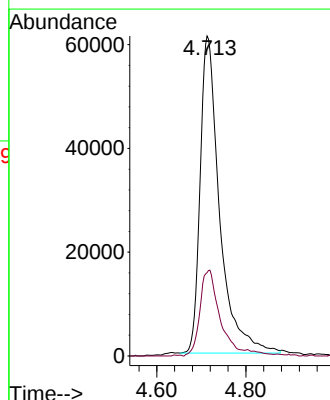
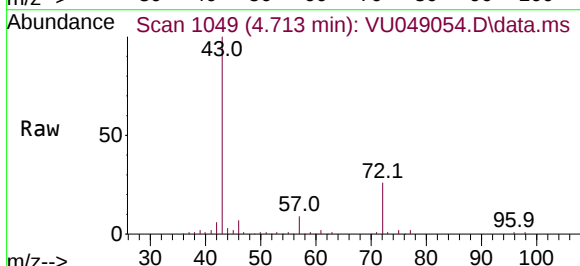
Acq: 11 Jun 2022 14:56

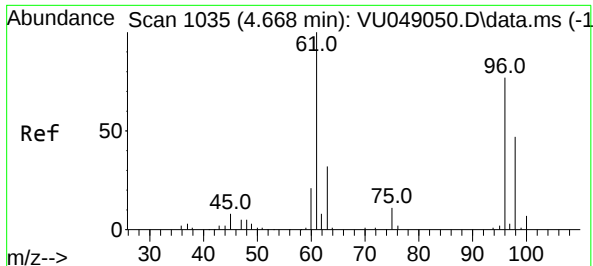
Tgt Ion: 43 Resp: 185402

Ion Ratio Lower Upper

43 100

72 27.3 14.1 42.2

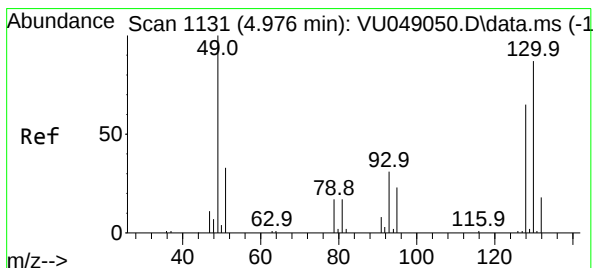
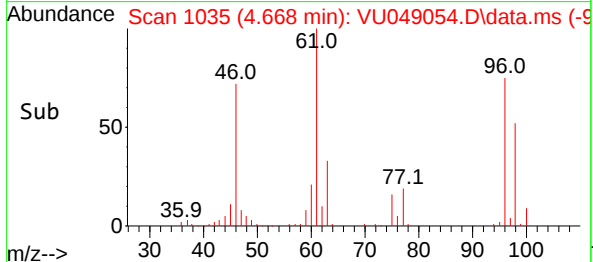
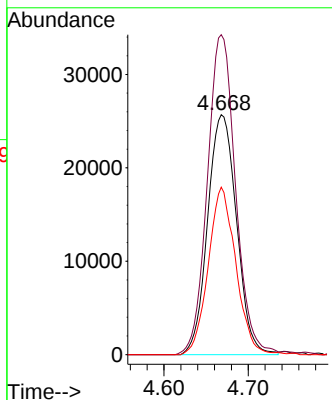
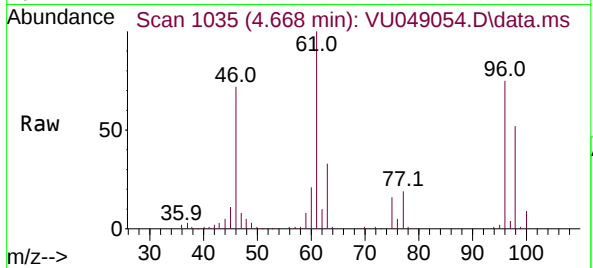




#22
 cis-1,2-Dichloroethene
 Concen: 4.812 ug/L
 RT: 4.668 min Scan# 1035
 Delta R.T. 0.000 min
 Lab File: VU049054.D
 Acq: 11 Jun 2022 14:56

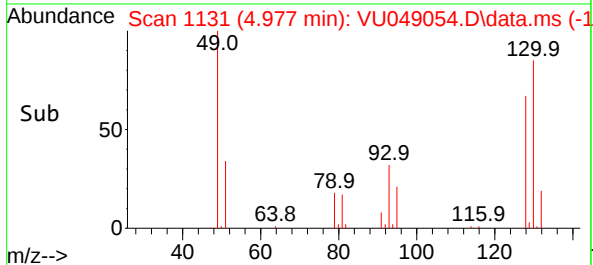
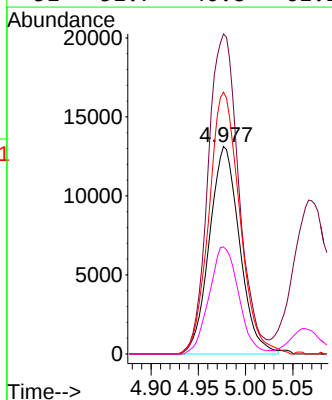
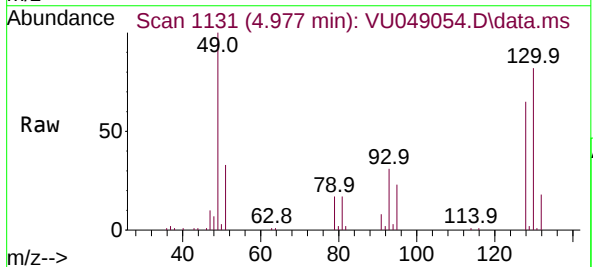
Instrument :
 MSVOA_U
 ClientSampleId :

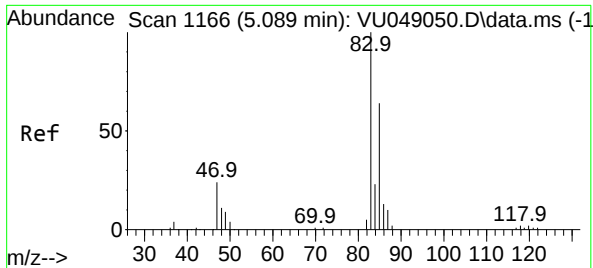
Tgt Ion: 96 Resp: 61321
 Ion Ratio Lower Upper
 96 100
 61 133.3 91.1 169.1
 98 69.8 43.0 80.0



#23
 Bromochloromethane
 Concen: 5.277 ug/L
 RT: 4.977 min Scan# 1131
 Delta R.T. 0.000 min
 Lab File: VU049054.D
 Acq: 11 Jun 2022 14:56

Tgt Ion:128 Resp: 29113
 Ion Ratio Lower Upper
 128 100
 49 154.3 106.9 198.5
 130 126.2 93.0 172.6
 51 51.7 40.8 61.2

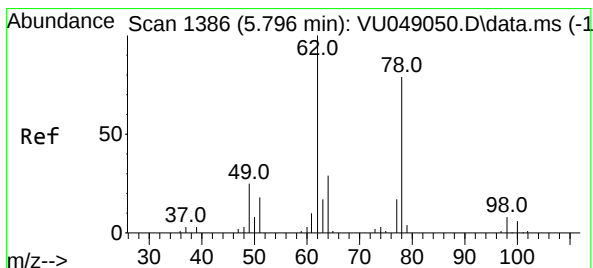
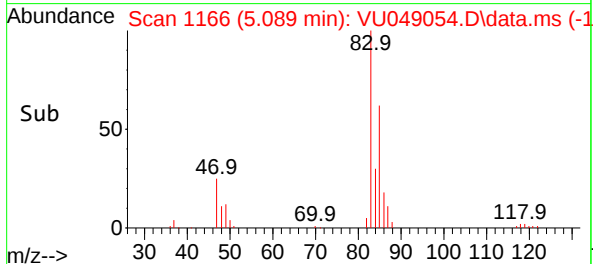
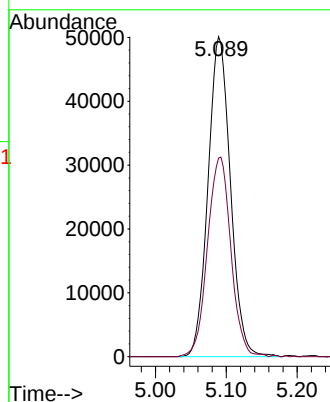
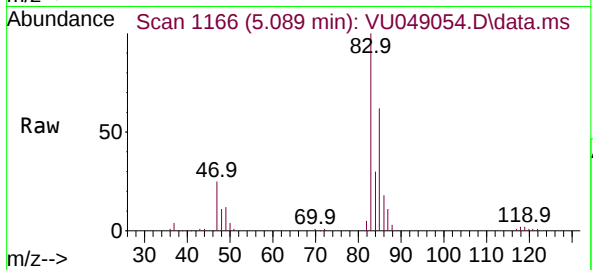




#25
Chloroform
Concen: 5.047 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

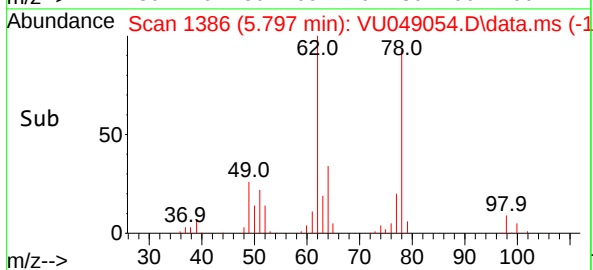
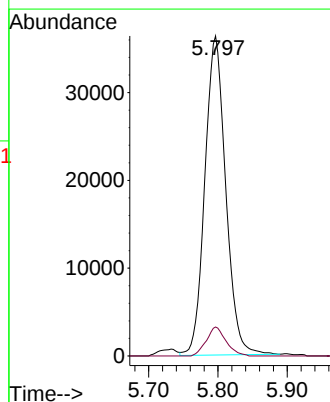
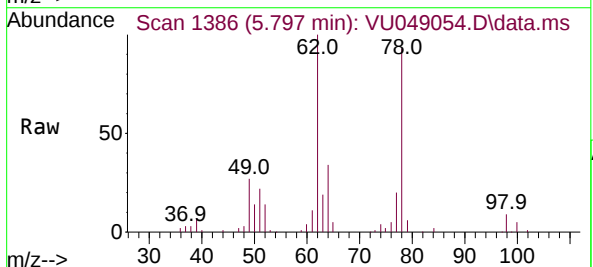
Instrument :
MSVOA_U
ClientSampleId :

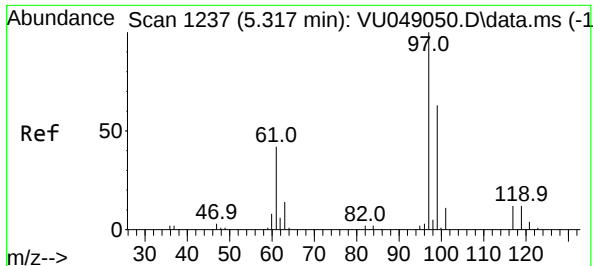
Tgt Ion: 83 Resp: 110147
Ion Ratio Lower Upper
83 100
85 62.1 44.7 83.1



#27
1,2-Dichloroethane
Concen: 5.205 ug/L
RT: 5.797 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

Tgt Ion: 62 Resp: 75921
Ion Ratio Lower Upper
62 100
98 9.1 6.6 10.0

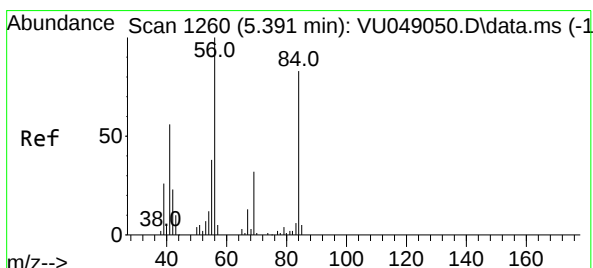
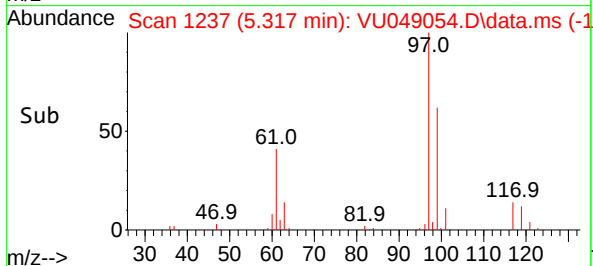
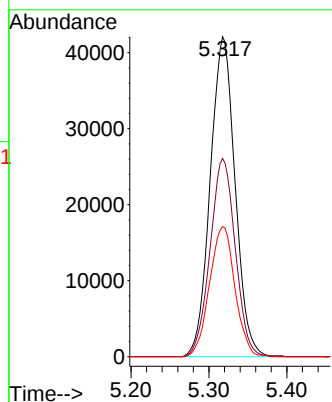
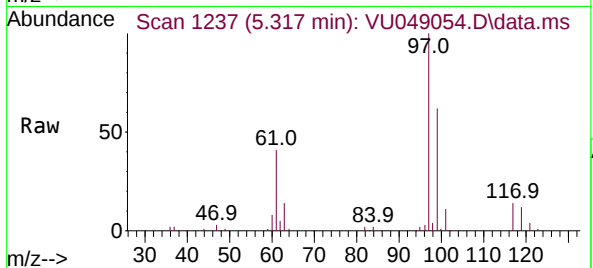




#29
1,1,1-Trichloroethane
Concen: 4.719 ug/L
RT: 5.317 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

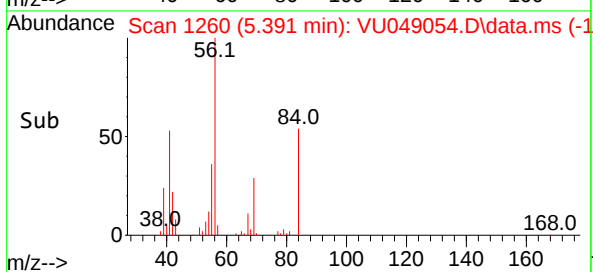
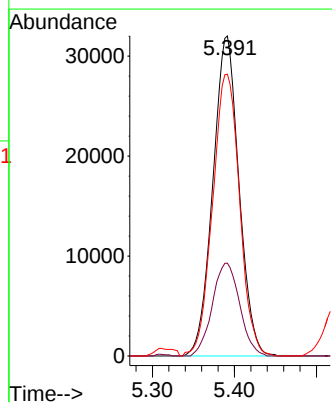
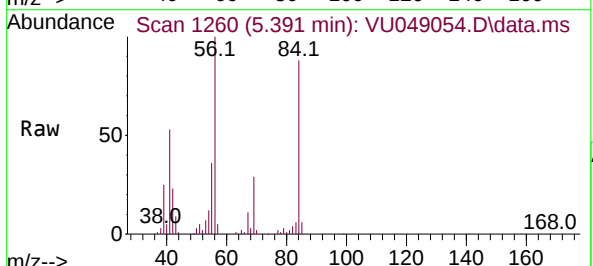
Instrument :
MSVOA_U
ClientSampleId :

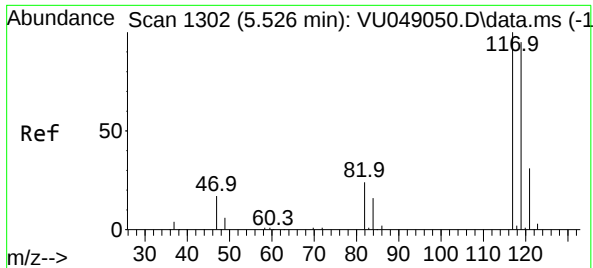
Tgt Ion: 97	Resp: 93219
Ion Ratio	Lower Upper
97 100	
99 62.8	50.9 76.3
61 41.5	33.2 49.8



#30
Cyclohexane
Concen: 4.119 ug/L
RT: 5.391 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

Tgt Ion: 56	Resp: 70829
Ion Ratio	Lower Upper
56 100	
69 30.4	24.6 36.8
84 90.8	68.8 103.2

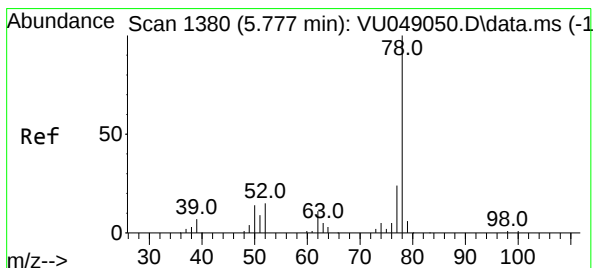
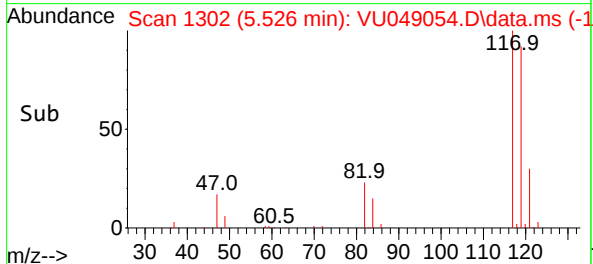
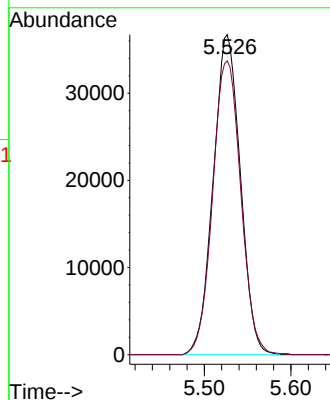
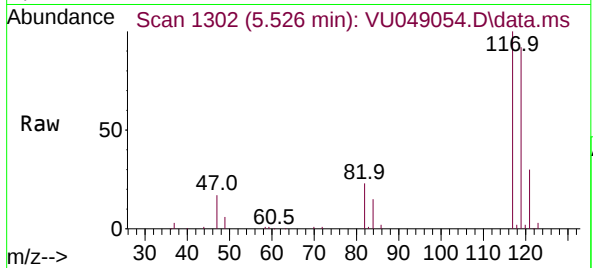




#31
Carbon tetrachloride
Concen: 4.549 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

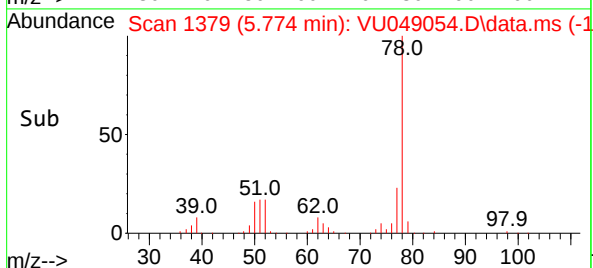
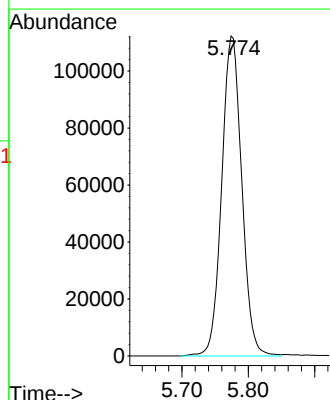
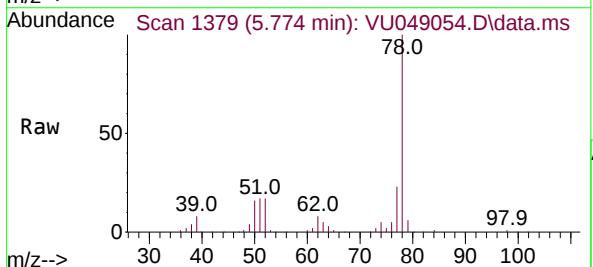
Instrument :
MSVOA_U
ClientSampleId :

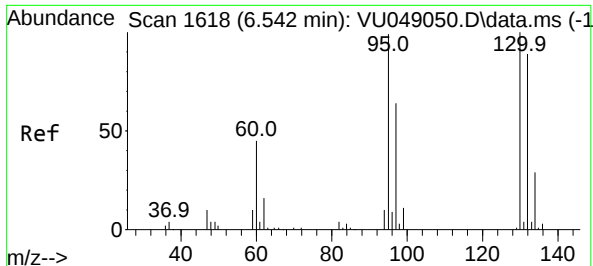
Tgt Ion:117 Resp: 79771
Ion Ratio Lower Upper
117 100
119 95.4 76.5 114.7



#33
Benzene
Concen: 5.091 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

Tgt Ion: 78 Resp: 235545

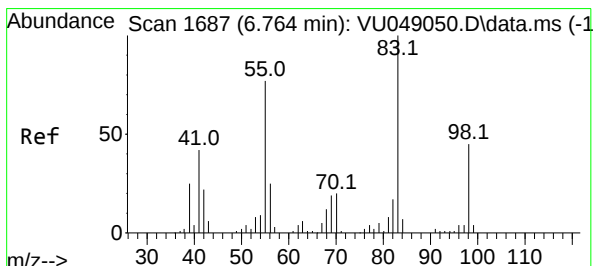
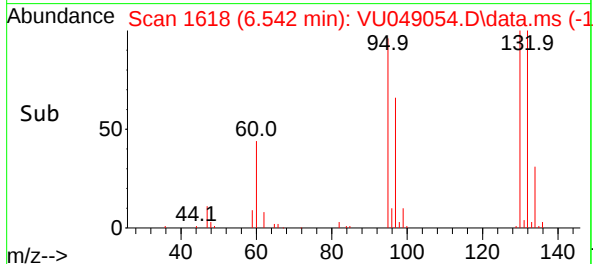
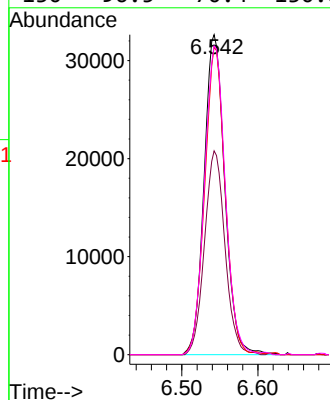
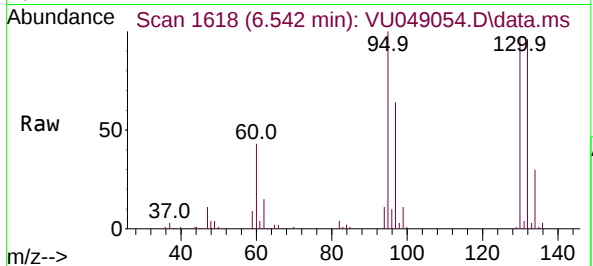




#34
Trichloroethene
Concen: 5.166 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

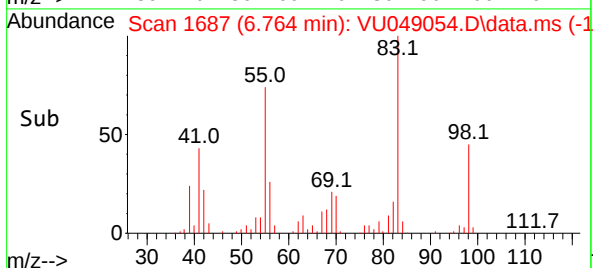
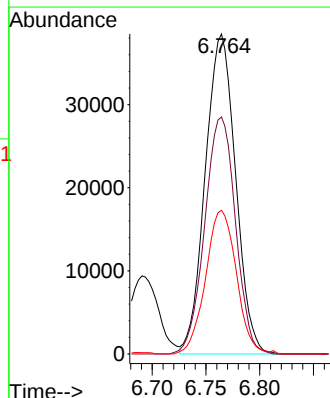
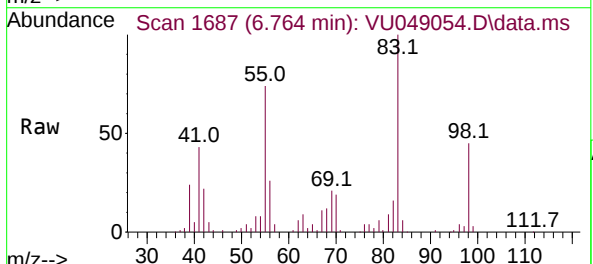
Instrument :
MSVOA_U
ClientSampleId :

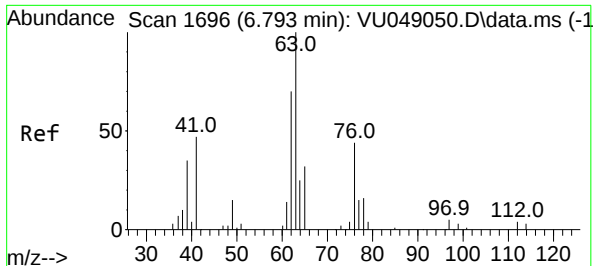
Tgt Ion: 95 Resp: 61752
Ion Ratio Lower Upper
95 100
97 63.7 44.9 83.5
132 96.2 62.8 116.6
130 96.5 70.4 130.8



#35
Methylcyclohexane
Concen: 4.174 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

Tgt Ion: 83 Resp: 75519
Ion Ratio Lower Upper
83 100
55 75.1 60.6 90.8
98 45.6 35.8 53.8





#37

1,2-Dichloropropane

Concen: 5.289 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

Instrument :

MSVOA_U

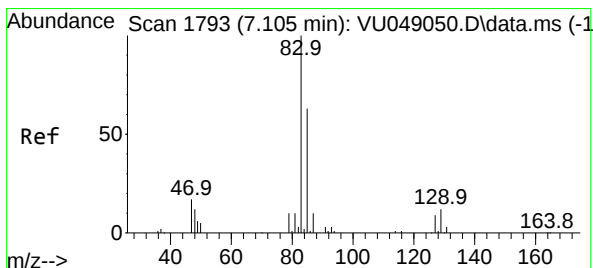
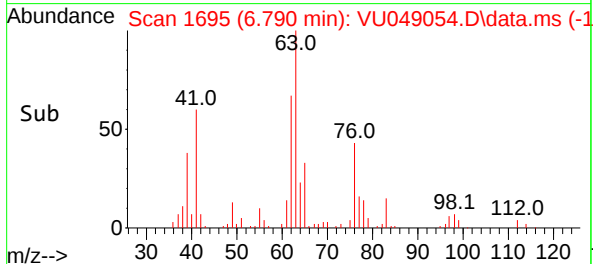
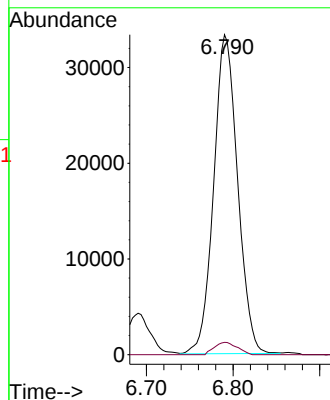
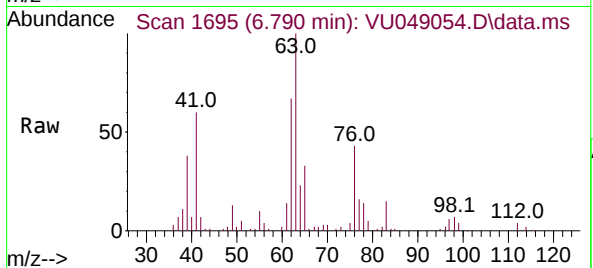
ClientSampleId :

Tgt Ion: 63 Resp: 64015

Ion Ratio Lower Upper

63 100

112 3.7 2.8 4.2



#38

Bromodichloromethane

Concen: 4.985 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

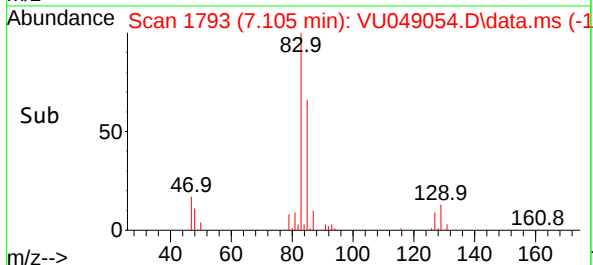
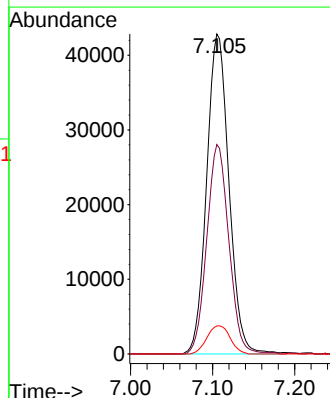
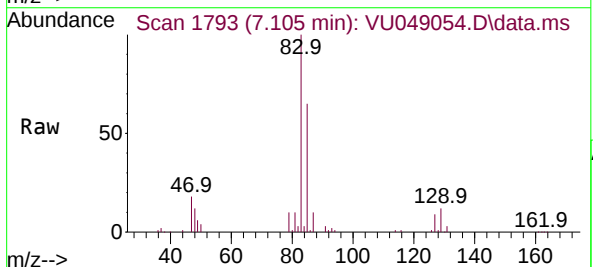
Tgt Ion: 83 Resp: 80859

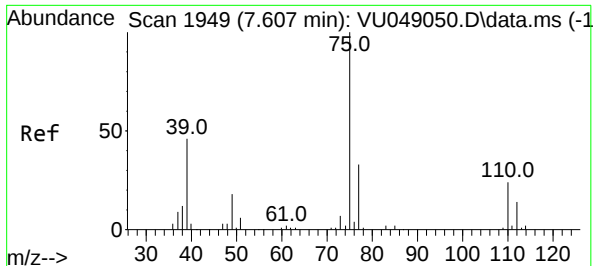
Ion Ratio Lower Upper

83 100

85 65.5 43.8 81.4

127 8.7 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 5.502 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

Instrument :

MSVOA_U

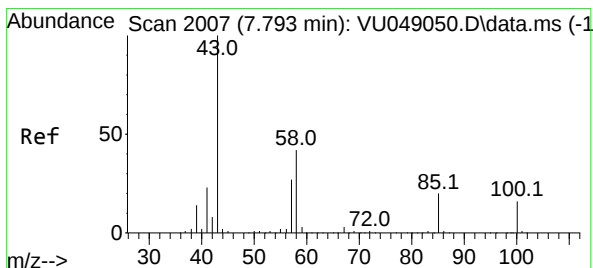
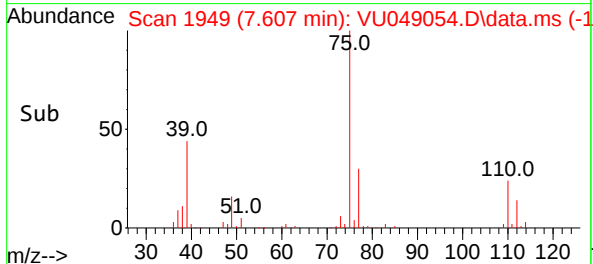
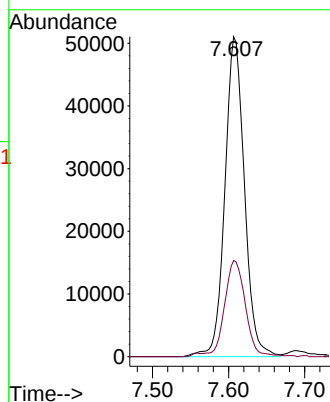
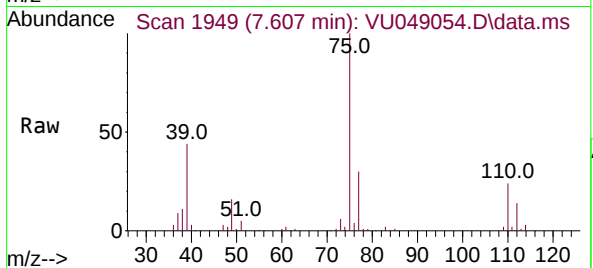
ClientSampleId :

Tgt Ion: 75 Resp: 91183

Ion Ratio Lower Upper

75 100

77 30.0 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 57.809 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

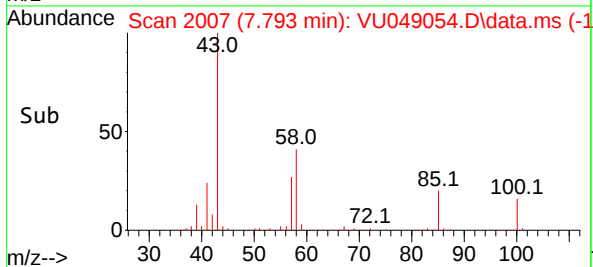
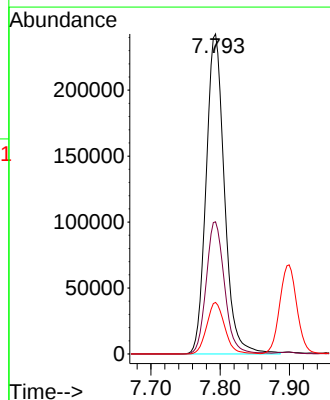
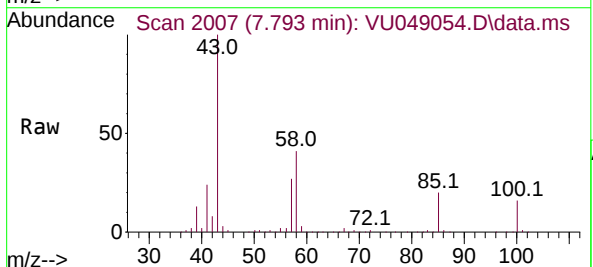
Tgt Ion: 43 Resp: 445358

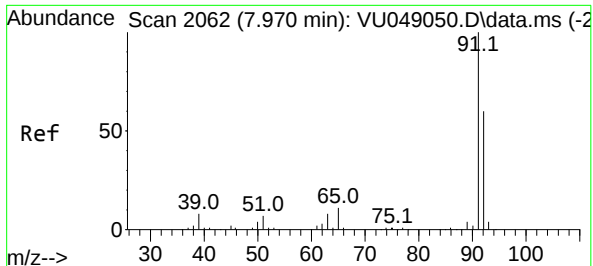
Ion Ratio Lower Upper

43 100

58 41.4 32.6 49.0

100 15.8 12.6 18.8

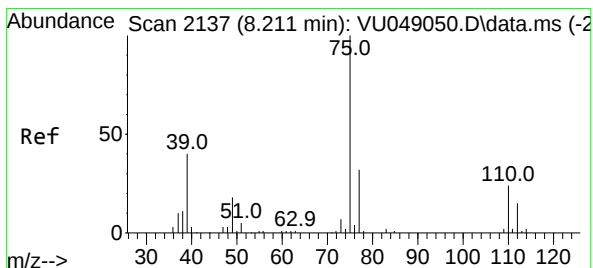
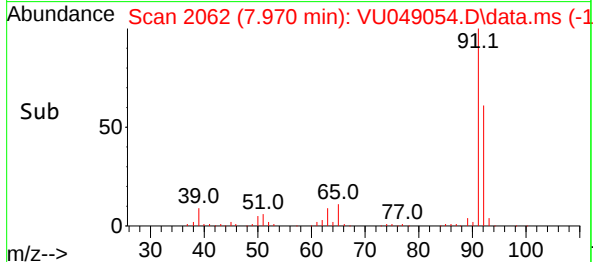
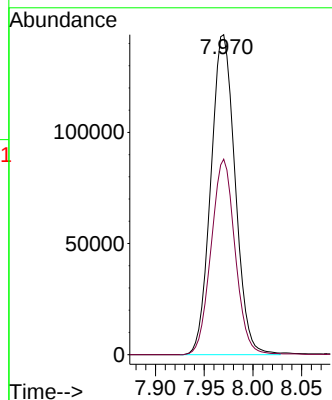
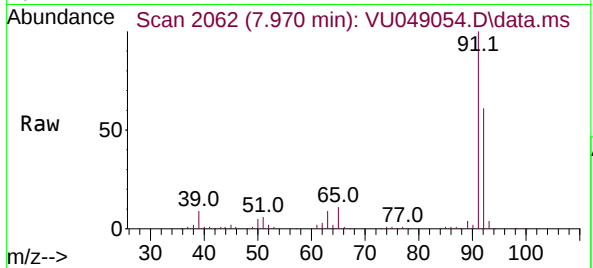




#42
Toluene
Concen: 5.302 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

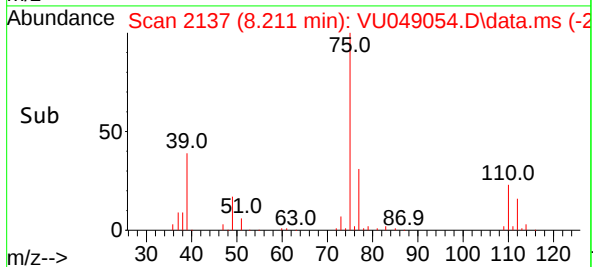
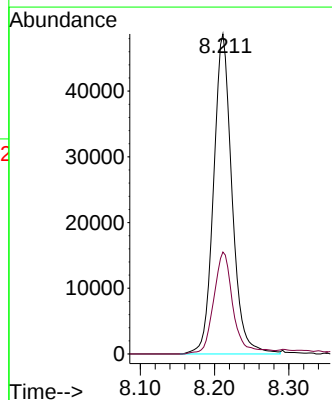
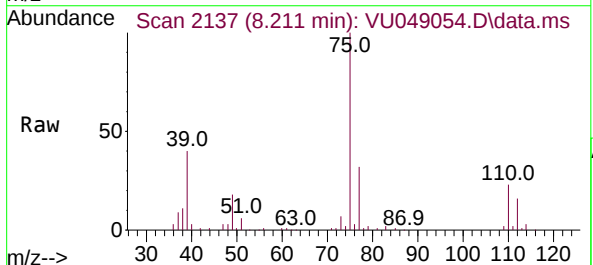
Instrument :
MSVOA_U
ClientSampleId :

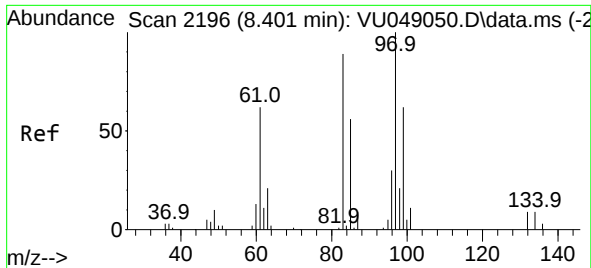
Tgt Ion: 91 Resp: 249190
Ion Ratio Lower Upper
91 100
92 61.1 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 5.622 ug/L
RT: 8.211 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

Tgt Ion: 75 Resp: 83795
Ion Ratio Lower Upper
75 100
77 31.8 22.6 42.0

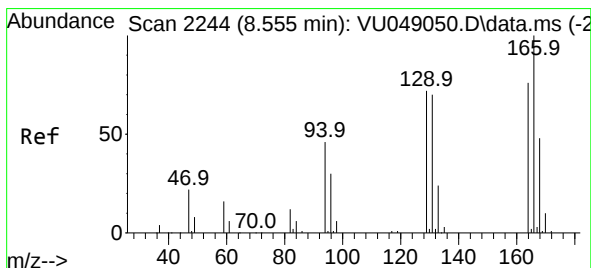
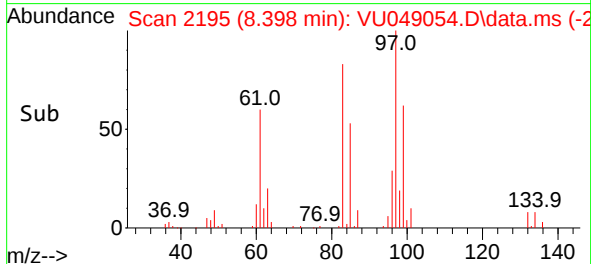
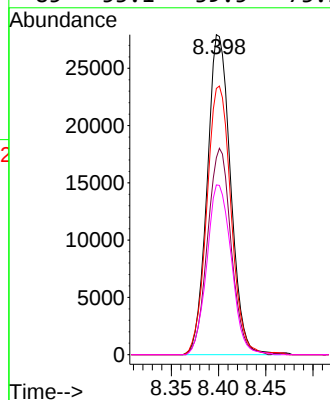
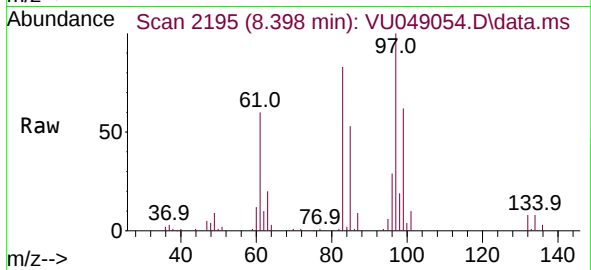




#45
1,1,2-Trichloroethane
Concen: 5.602 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.003 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

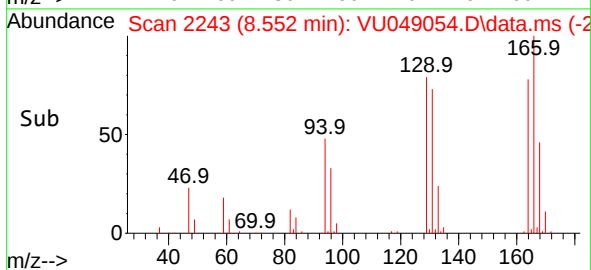
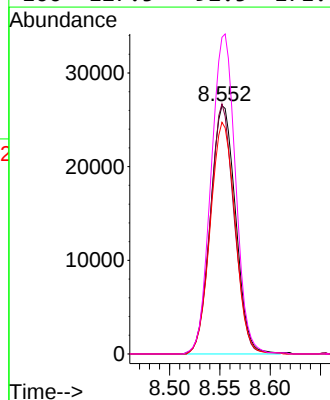
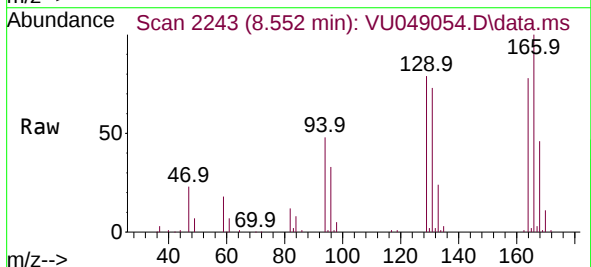
Instrument :
MSVOA_U
ClientSampleId :

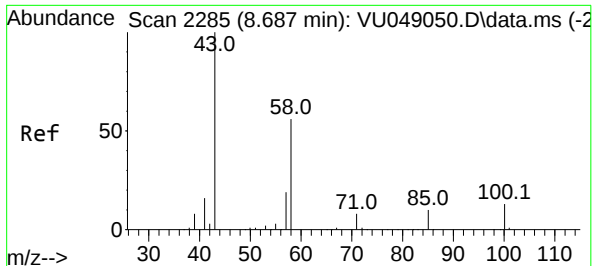
Tgt Ion:	97	Resp:	48154
Ion	Ratio	Lower	Upper
97	100		
99	61.6	43.3	80.5
83	83.2	62.1	115.3
85	53.1	39.5	73.3



#47
Tetrachloroethene
Concen: 4.850 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

Tgt Ion:	164	Resp:	46081
Ion	Ratio	Lower	Upper
164	100		
129	100.7	67.0	124.4
131	93.3	65.0	120.8
166	127.5	92.5	171.7

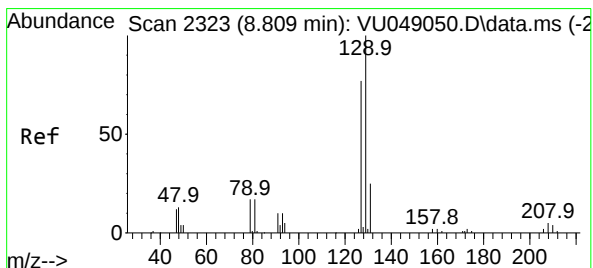
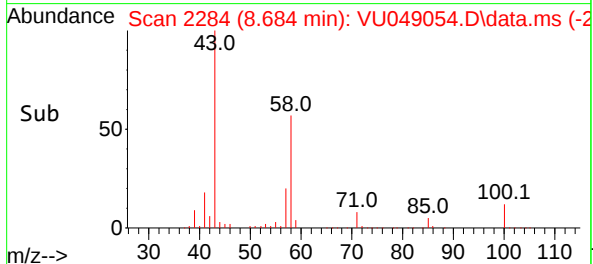
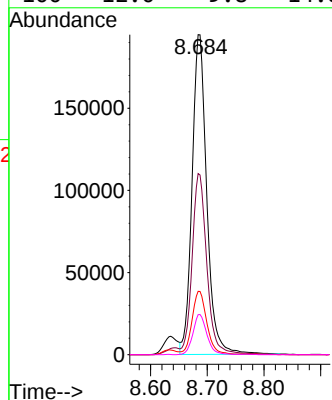
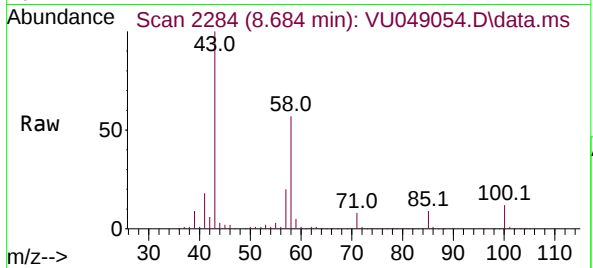




#48
2-Hexanone
Concen: 61.332 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

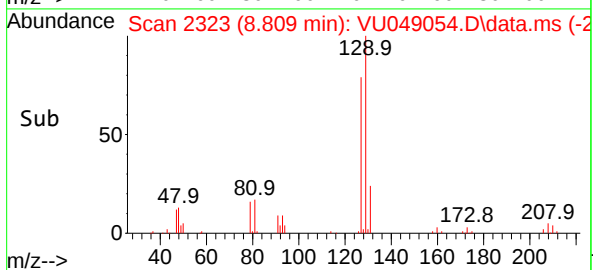
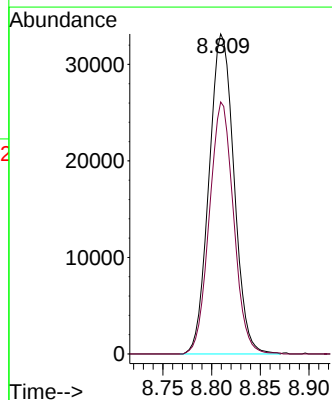
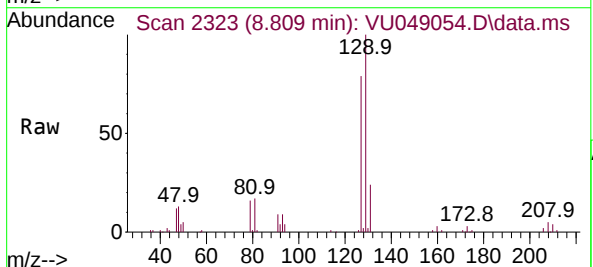
Instrument :
MSVOA_U
ClientSampleId :

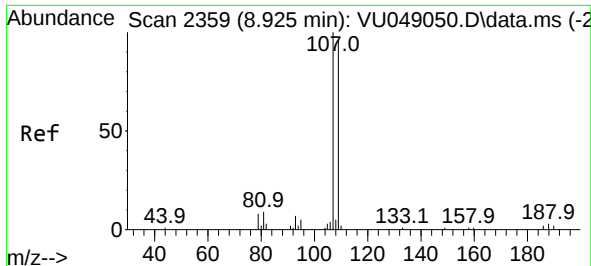
Tgt Ion: 43 Resp: 350957
Ion Ratio Lower Upper
43 100
58 55.7 45.0 67.4
57 19.6 15.9 23.9
100 12.0 9.8 14.8



#49
Dibromochloromethane
Concen: 5.399 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

Tgt Ion: 129 Resp: 59107
Ion Ratio Lower Upper
129 100
127 78.7 54.1 100.5





#50

1,2-Dibromoethane

Concen: 5.685 ug/L

RT: 8.922 min Scan# 21

Delta R.T. -0.003 min

Lab File: VU049054.D

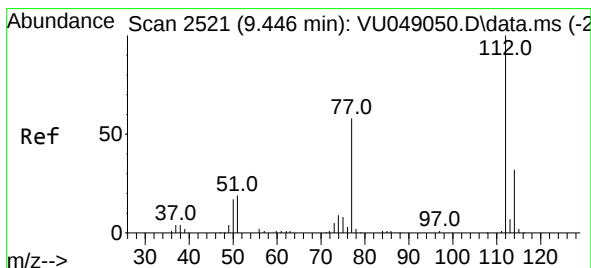
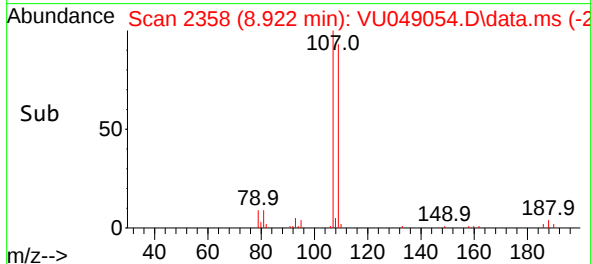
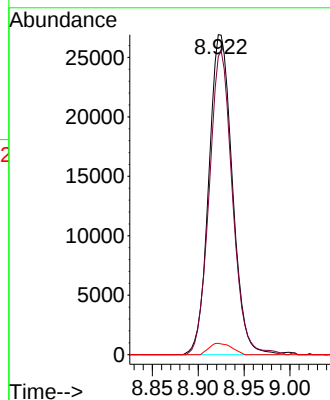
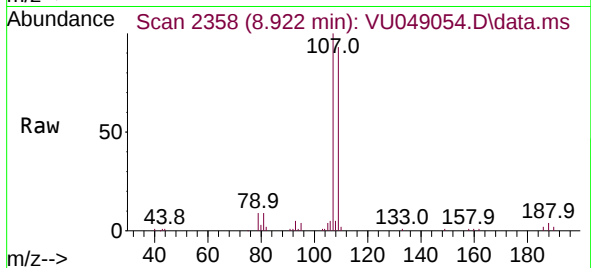
Acq: 11 Jun 2022 14:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	48103
Ion Ratio	Lower	Upper
107	100	
109	93.1	67.0 124.4
188	3.5	2.7 4.1



#51

Chlorobenzene

Concen: 5.226 ug/L

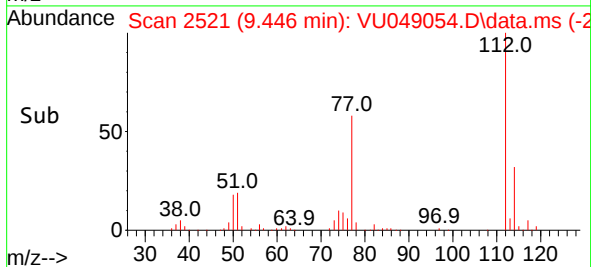
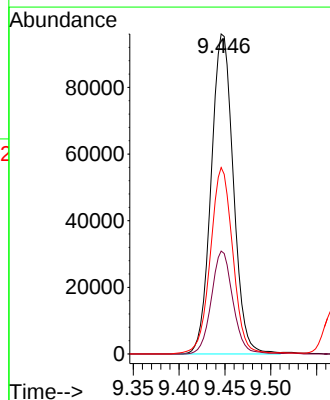
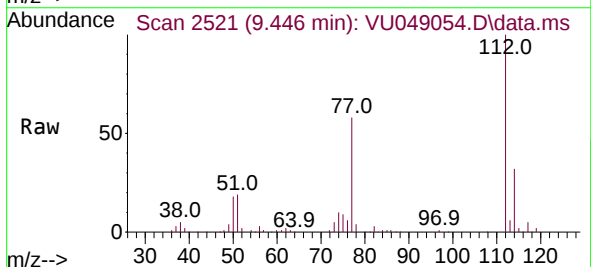
RT: 9.446 min Scan# 2521

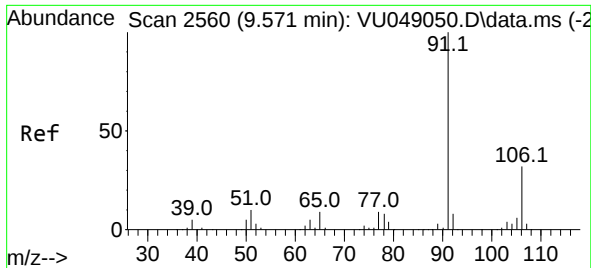
Delta R.T. 0.000 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

Tgt Ion:112	Resp:	161776
Ion Ratio	Lower	Upper
112	100	
114	32.2	22.4 41.6
77	58.2	46.6 70.0

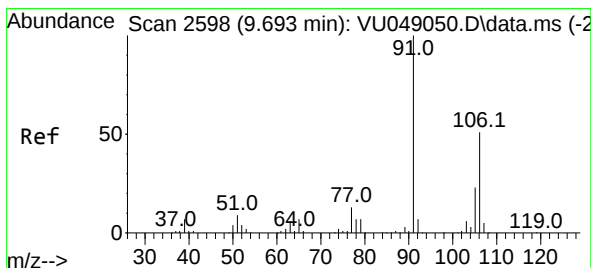
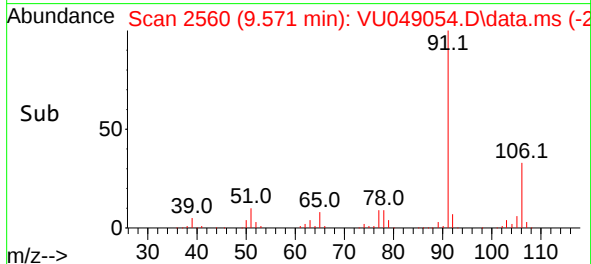
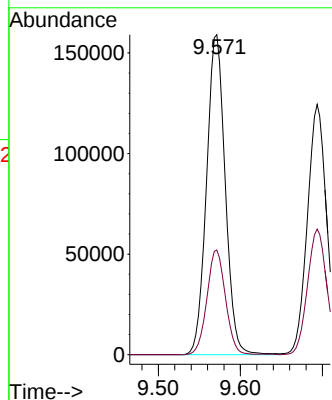
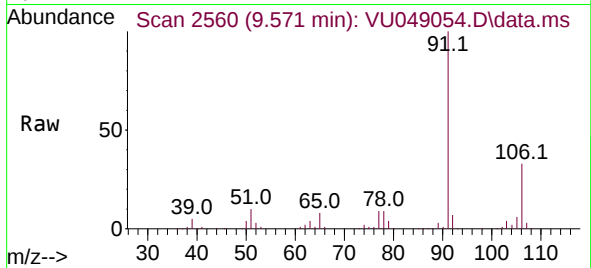




#52
Ethylbenzene
Concen: 5.217 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

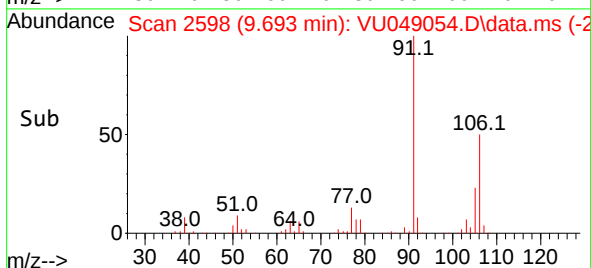
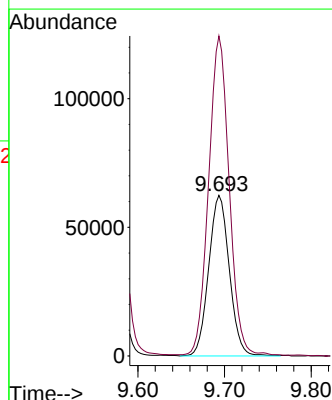
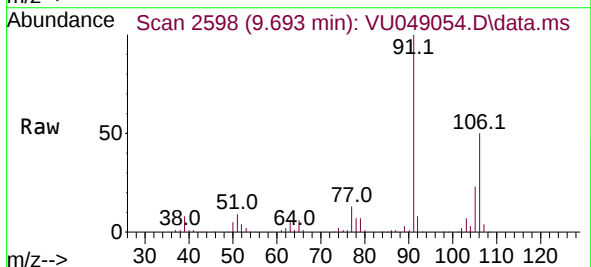
Instrument :
MSVOA_U
ClientSampleId :

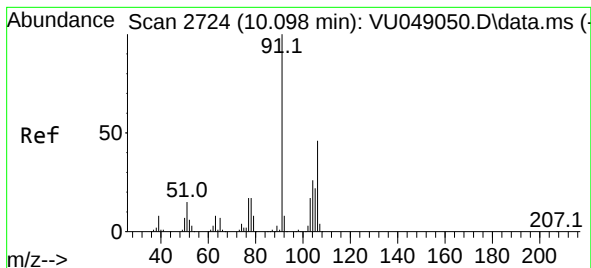
Tgt Ion: 91 Resp: 251747
Ion Ratio Lower Upper
91 100
106 32.7 22.7 42.1



#53
m,p-Xylene
Concen: 5.243 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

Tgt Ion: 106 Resp: 103304
Ion Ratio Lower Upper
106 100
91 199.3 137.4 255.2





#54

o-Xylene

Concen: 5.410 ug/L

RT: 10.099 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

Instrument :

MSVOA_U

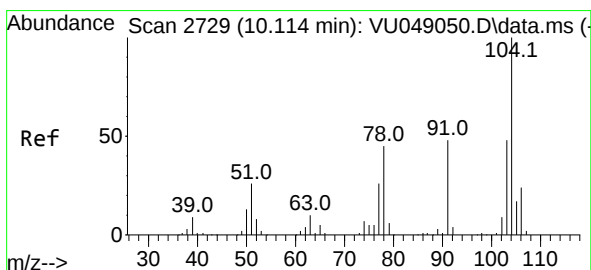
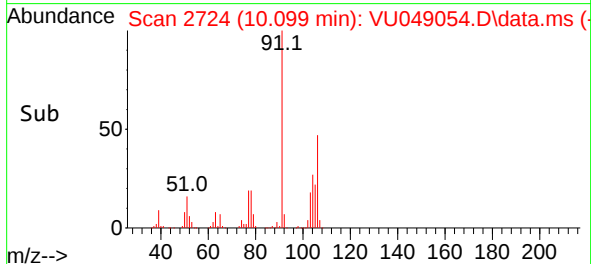
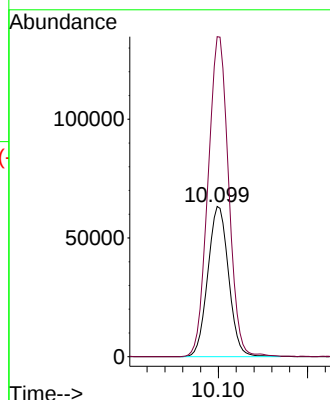
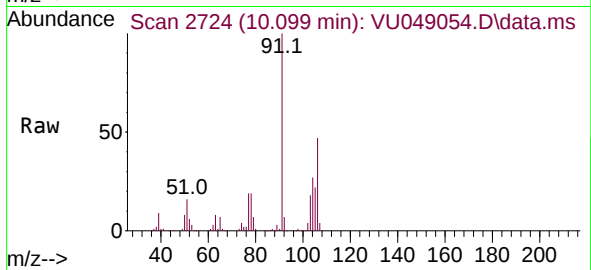
ClientSampleId :

Tgt Ion:106 Resp: 102461

Ion Ratio Lower Upper

106 100

91 213.0 152.5 283.1



#55

Styrene

Concen: 5.635 ug/L

RT: 10.115 min Scan# 2729

Delta R.T. 0.000 min

Lab File: VU049054.D

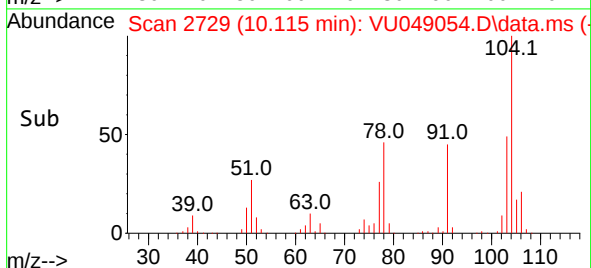
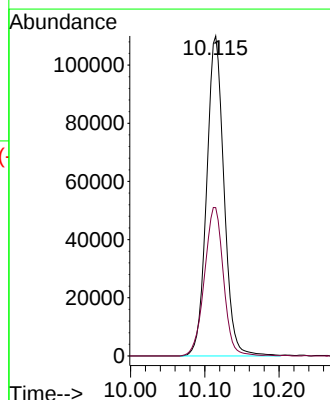
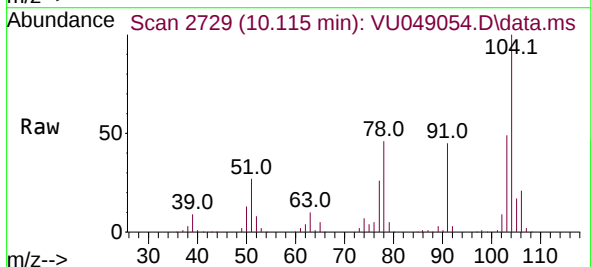
Acq: 11 Jun 2022 14:56

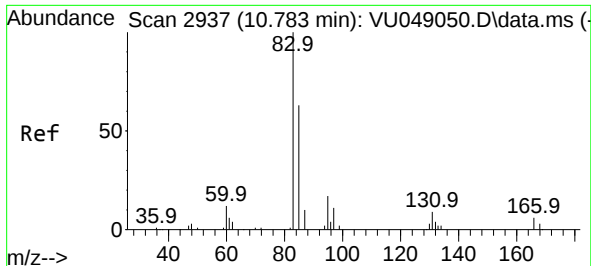
Tgt Ion:104 Resp: 178407

Ion Ratio Lower Upper

104 100

78 46.3 31.1 57.9





#57

1,1,2,2-Tetrachloroethane

Concen: 5.630 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

Instrument :

MSVOA_U

ClientSampleId :

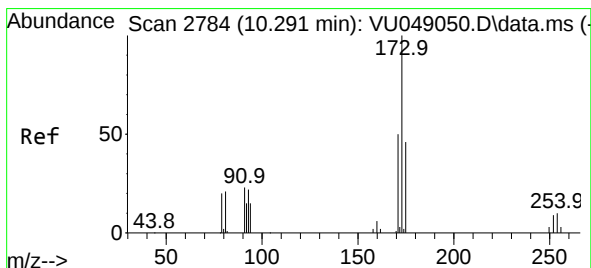
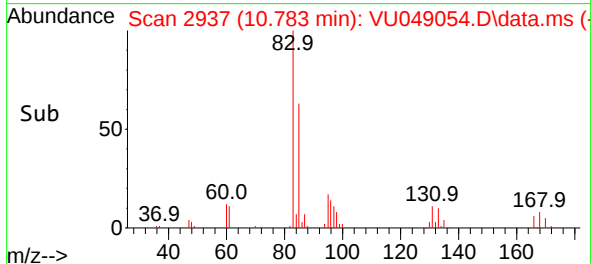
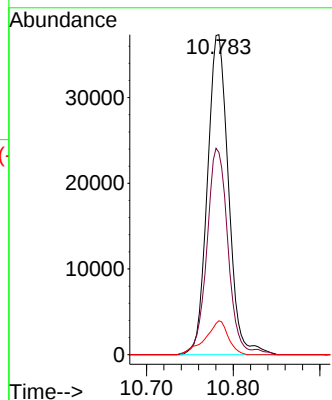
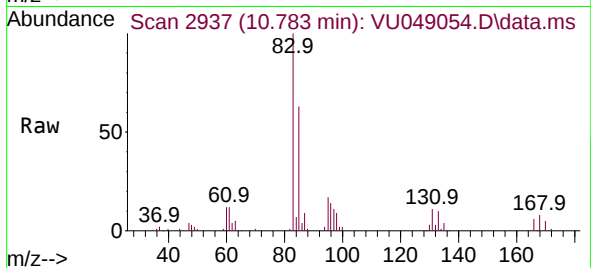
Tgt Ion: 83 Resp: 62858

Ion Ratio Lower Upper

83 100

85 63.2 45.2 84.0

131 10.6 7.8 11.6



#59

Bromoform

Concen: 5.386 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

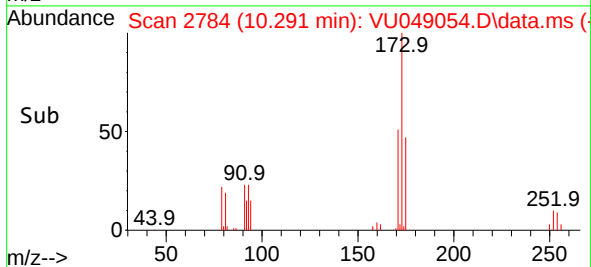
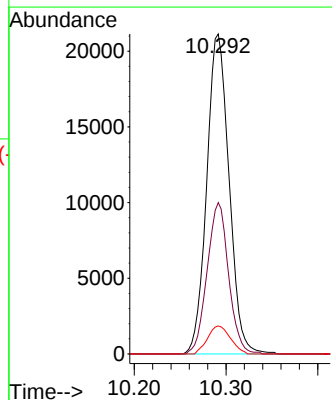
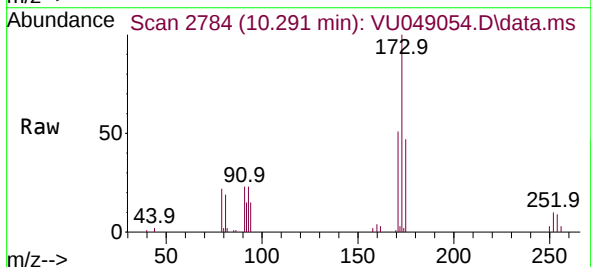
Tgt Ion: 173 Resp: 35717

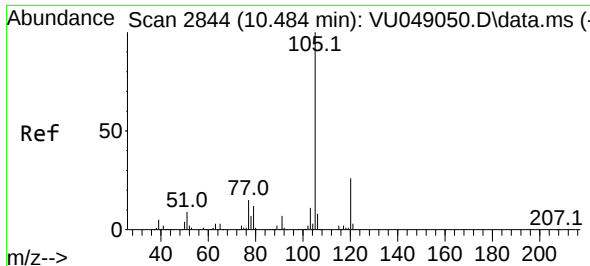
Ion Ratio Lower Upper

173 100

175 45.4 37.9 56.9

254 8.9 7.5 11.3

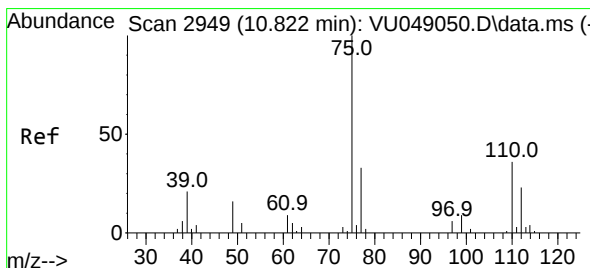
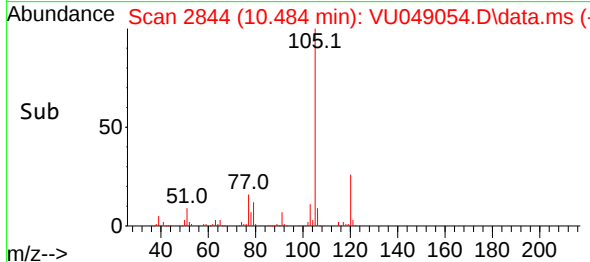
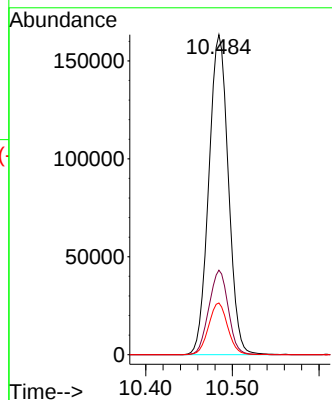
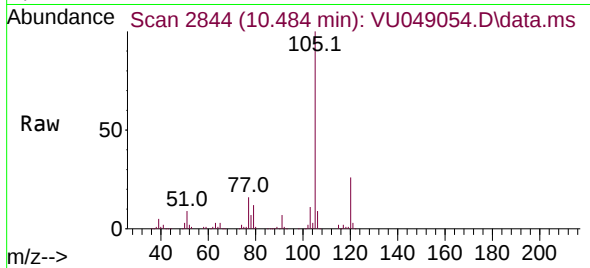




#60
Isopropylbenzene
Concen: 5.144 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

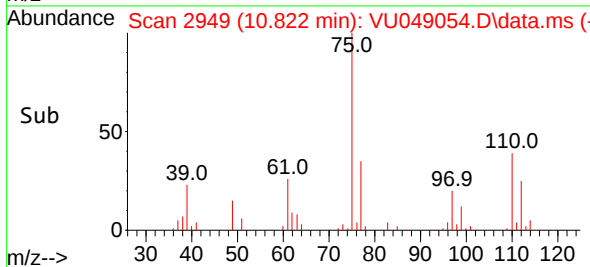
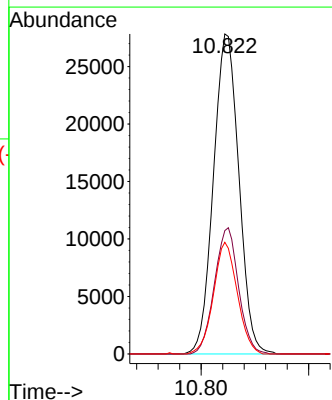
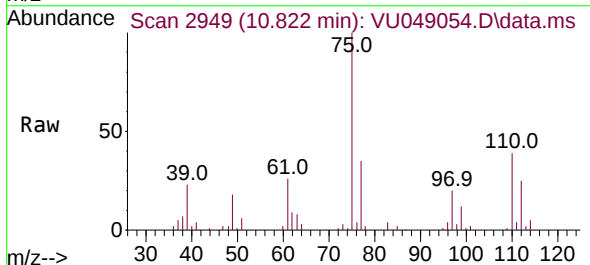
Instrument :
MSVOA_U
ClientSampleId :

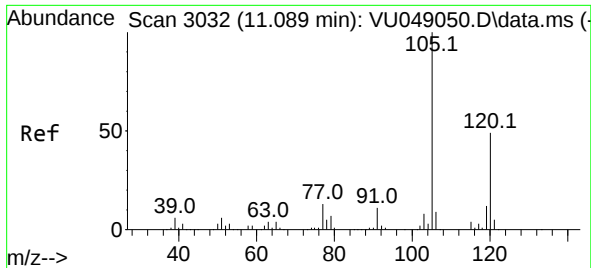
Tgt Ion:105 Resp: 255900
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.4
77 15.8 12.4 18.6



#61
1,2,3-Trichloropropane
Concen: 5.236 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

Tgt Ion: 75 Resp: 45659
Ion Ratio Lower Upper
75 100
110 37.4 28.6 43.0
77 32.7 25.4 38.0

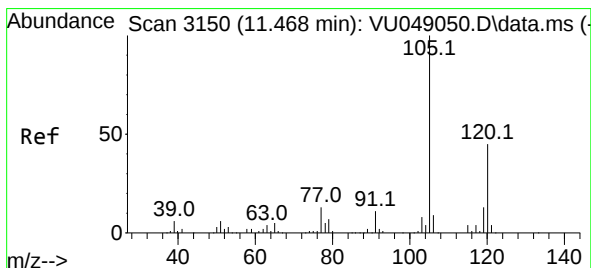
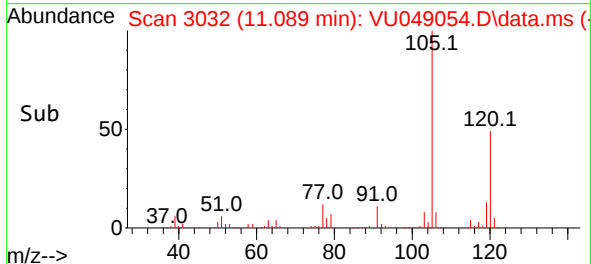
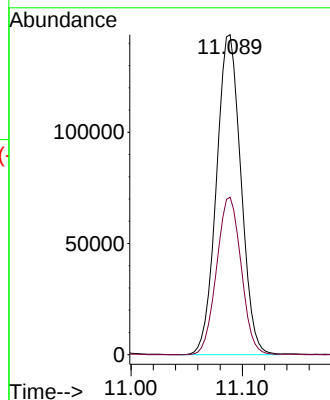
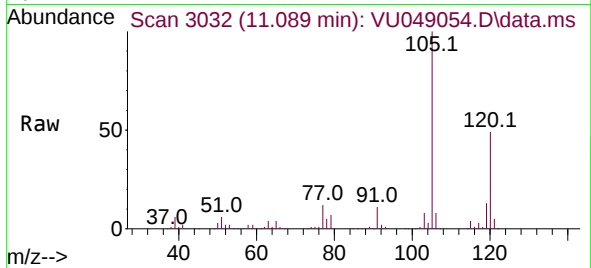




#62
1,3,5-Trimethylbenzene
Concen: 5.282 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

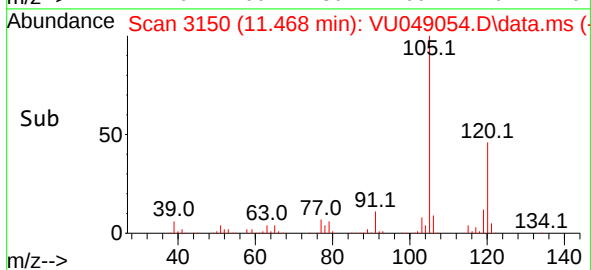
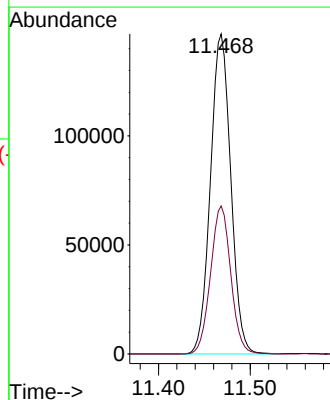
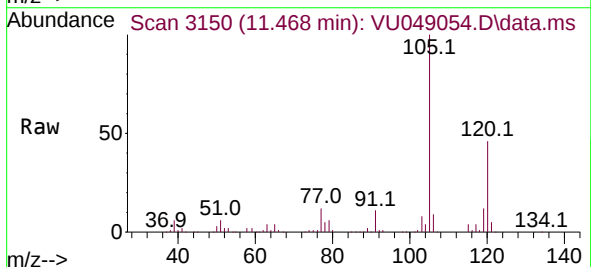
Instrument :
MSVOA_U
ClientSampleId :

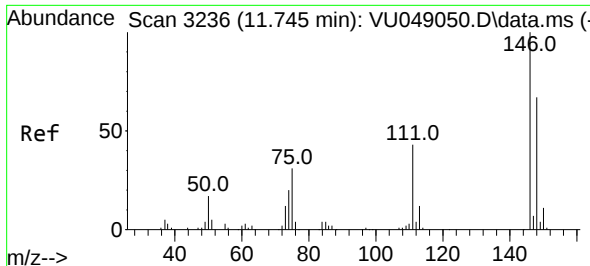
Tgt Ion:105 Resp: 219980
Ion Ratio Lower Upper
105 100
120 49.3 39.4 59.0



#63
1,2,4-Trimethylbenzene
Concen: 5.429 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

Tgt Ion:105 Resp: 225746
Ion Ratio Lower Upper
105 100
120 46.0 36.7 55.1

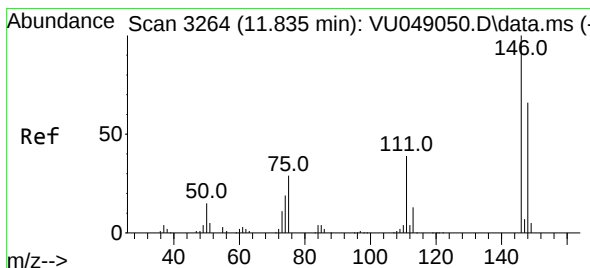
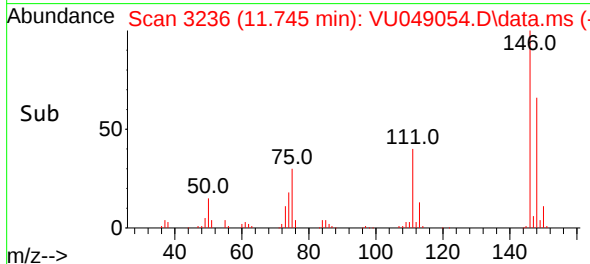
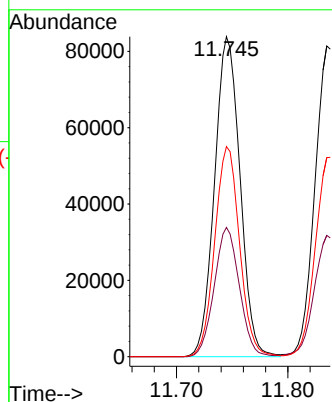
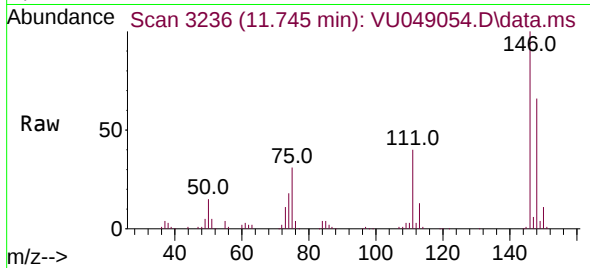




#64
1,3-Dichlorobenzene
Concen: 5.386 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

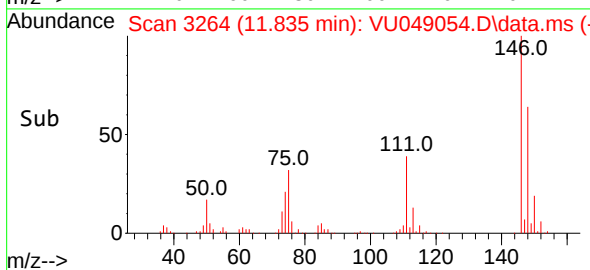
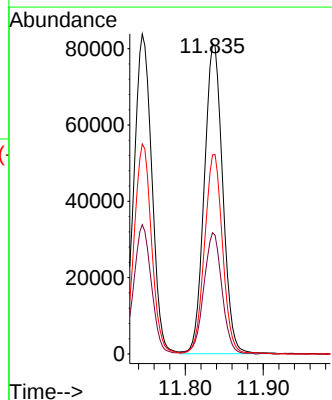
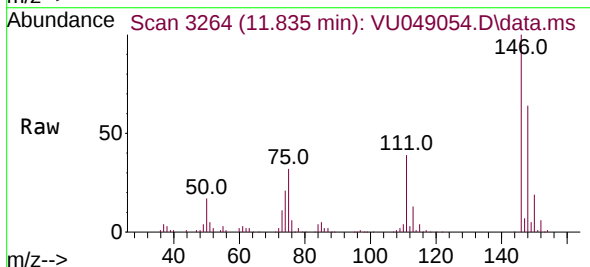
Instrument :
MSVOA_U
ClientSampleId :

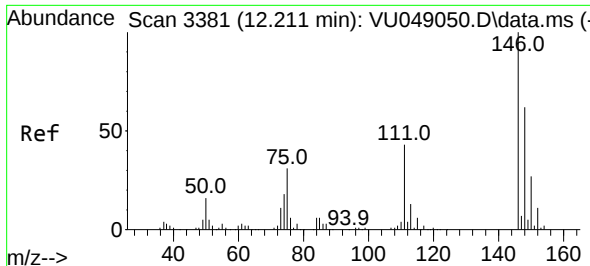
Tgt Ion:146 Resp: 133384
Ion Ratio Lower Upper
146 100
111 40.4 29.8 55.4
148 65.7 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 5.538 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

Tgt Ion:146 Resp: 133411
Ion Ratio Lower Upper
146 100
111 39.0 27.2 50.6
148 64.1 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 5.271 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

Instrument :

MSVOA_U

ClientSampleId :

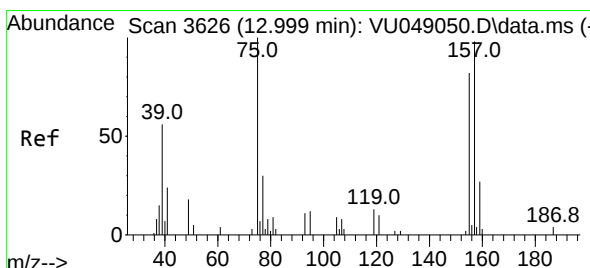
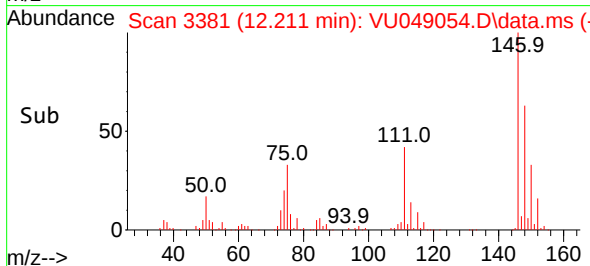
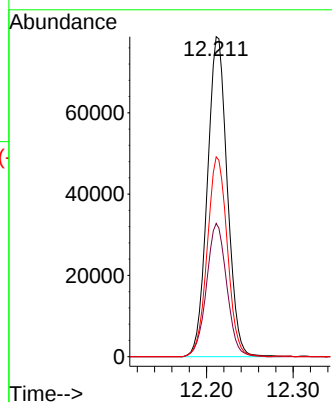
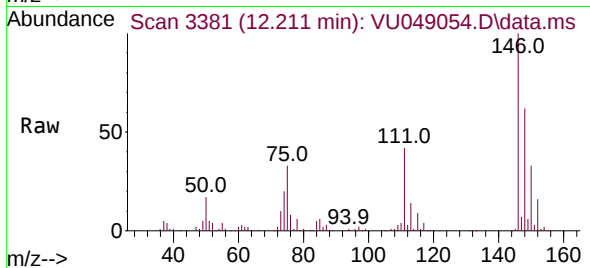
Tgt Ion:146 Resp: 125786

Ion Ratio Lower Upper

146 100

111 41.6 34.1 51.1

148 62.5 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.589 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

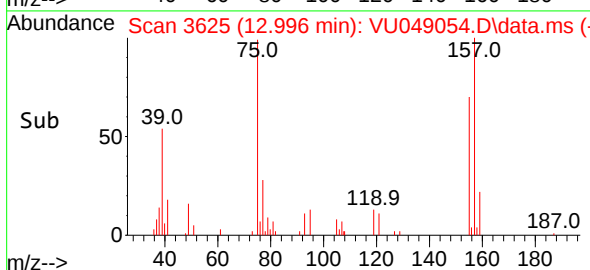
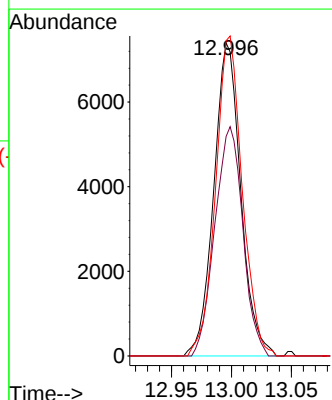
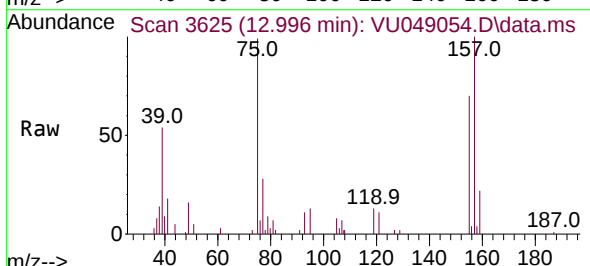
Tgt Ion: 75 Resp: 11569

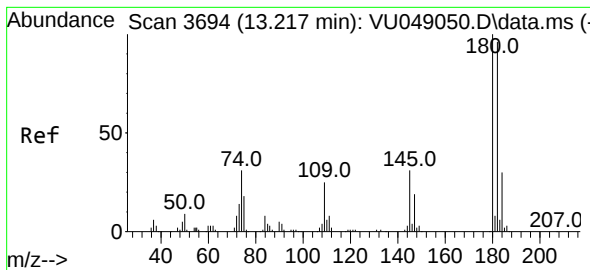
Ion Ratio Lower Upper

75 100

155 70.2 65.8 98.6

157 100.7 78.6 118.0





#69

1,3,5-Trichlorobenzene

Concen: 5.327 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. 0.000 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:180 Resp: 98684

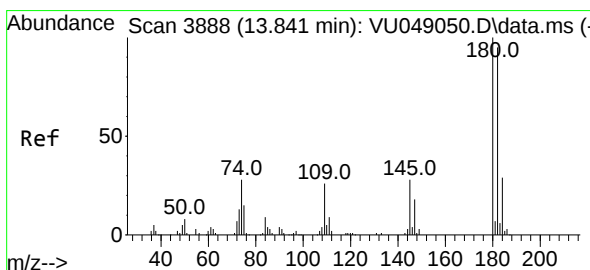
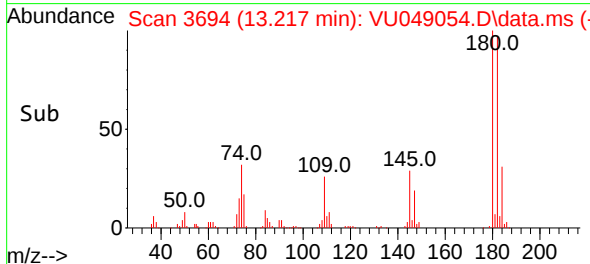
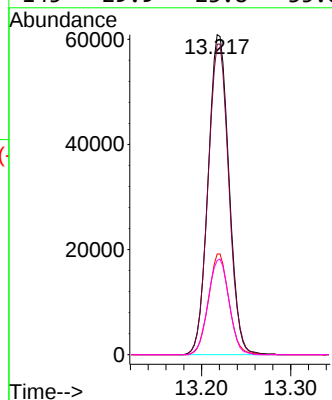
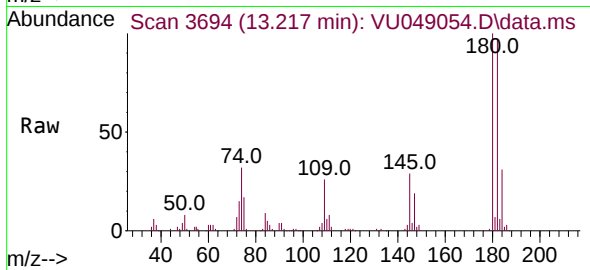
Ion Ratio Lower Upper

180 100

182 96.9 77.1 115.7

184 30.9 23.6 35.4

145 29.9 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 5.763 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU049054.D

Acq: 11 Jun 2022 14:56

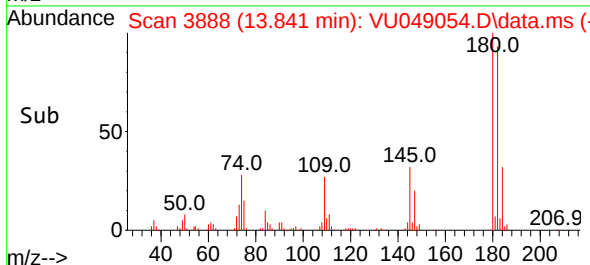
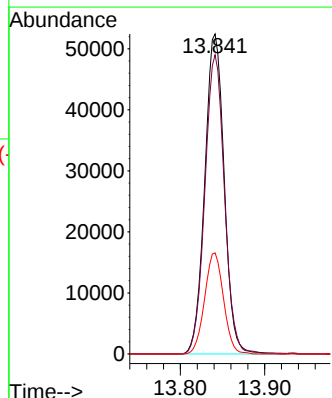
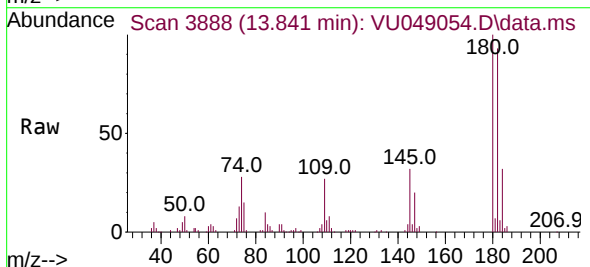
Tgt Ion:180 Resp: 84264

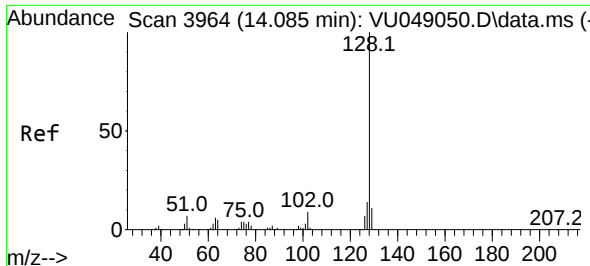
Ion Ratio Lower Upper

180 100

182 93.9 75.6 113.4

145 30.7 23.1 34.7

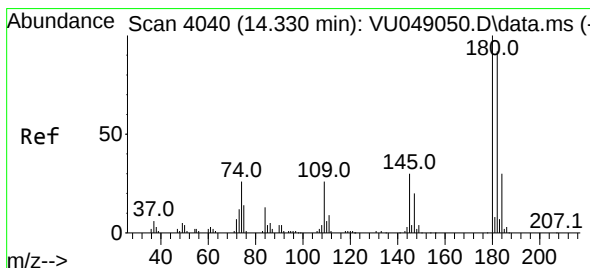
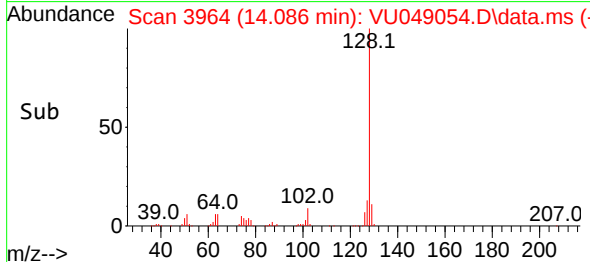
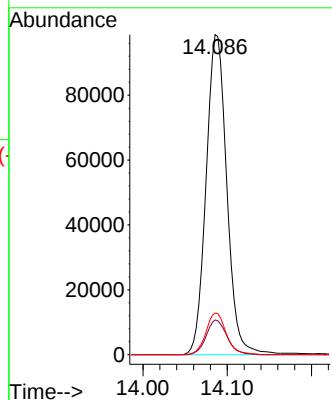
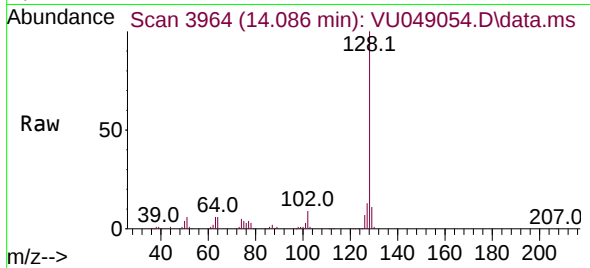




#71
Naphthalene
Concen: 5.917 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 168977
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 12.8 10.5 15.7



#72
1,2,3-Trichlorobenzene
Concen: 5.969 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049054.D
Acq: 11 Jun 2022 14:56

Tgt Ion:180 Resp: 83163
Ion Ratio Lower Upper
180 100
182 95.4 74.6 112.0
145 33.0 24.4 36.6

