

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
 Data File : VU048552.D
 Acq On : 12 May 2022 19:21
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: May 13 04:01:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 13 03:54:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	281817	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	281566	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	165265	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	75843	31.249	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.500%
7) Chloroethane-d5	1.913	69	60869	38.428	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.860%
11) 1,1-Dichloroethene-d2	2.568	63	175773	40.693	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.380%
21) 2-Butanone-d5	4.626	46	185860	89.919	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	89.920%
24) Chloroform-d	5.064	84	211331	50.130	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.260%
26) 1,2-Dichloroethane-d4	5.703	65	146665	53.521	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.040%
32) Benzene-d6	5.729	84	375043	43.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.660%
36) 1,2-Dichloropropane-d6	6.690	67	114969	41.205	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.420%
41) Toluene-d8	7.899	98	354930	46.904	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.800%
43) trans-1,3-Dichloroprop...	8.179	79	65832	51.262	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.520%
47) 2-Hexanone-d5	8.632	63	132778	98.321	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.320%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	187217	44.050	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.100%
66) 1,2-Dichlorobenzene-d4	12.192	152	151909	46.420	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	112309	44.055	ug/L	98
3) Chloromethane	1.520	50	86475	29.656	ug/L	99
5) Vinyl chloride	1.604	62	98907	35.704	ug/L	95
6) Bromomethane	1.858	94	63857	46.613	ug/L	99
8) Chloroethane	1.932	64	58280	39.131	ug/L	98
9) Trichlorofluoromethane	2.138	101	183716	50.477	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	95399	45.676	ug/L	97
12) 1,1-Dichloroethene	2.581	96	87730	44.426	ug/L	89
13) Acetone	2.639	43	121618	78.044	ug/L	99
14) Carbon disulfide	2.793	76	238687	38.996	ug/L	100
15) Methyl Acetate	2.951	43	117972	36.954	ug/L #	87
16) Methylene chloride	3.047	84	105514	43.694	ug/L	88
17) trans-1,2-Dichloroethene	3.353	96	92954	44.121	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	329675	46.466	ug/L	97
19) 1,1-Dichloroethane	3.871	63	185798	42.770	ug/L	98
20) cis-1,2-Dichloroethene	4.668	96	108668	45.709	ug/L	95
22) 2-Butanone	4.707	43	177932	76.383	ug/L	96
23) Bromochloromethane	4.973	128	59331	47.355	ug/L	85
25) Chloroform	5.089	83	210140	48.986	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051222\
 Data File : VU048552.D
 Acq On : 12 May 2022 19:21
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

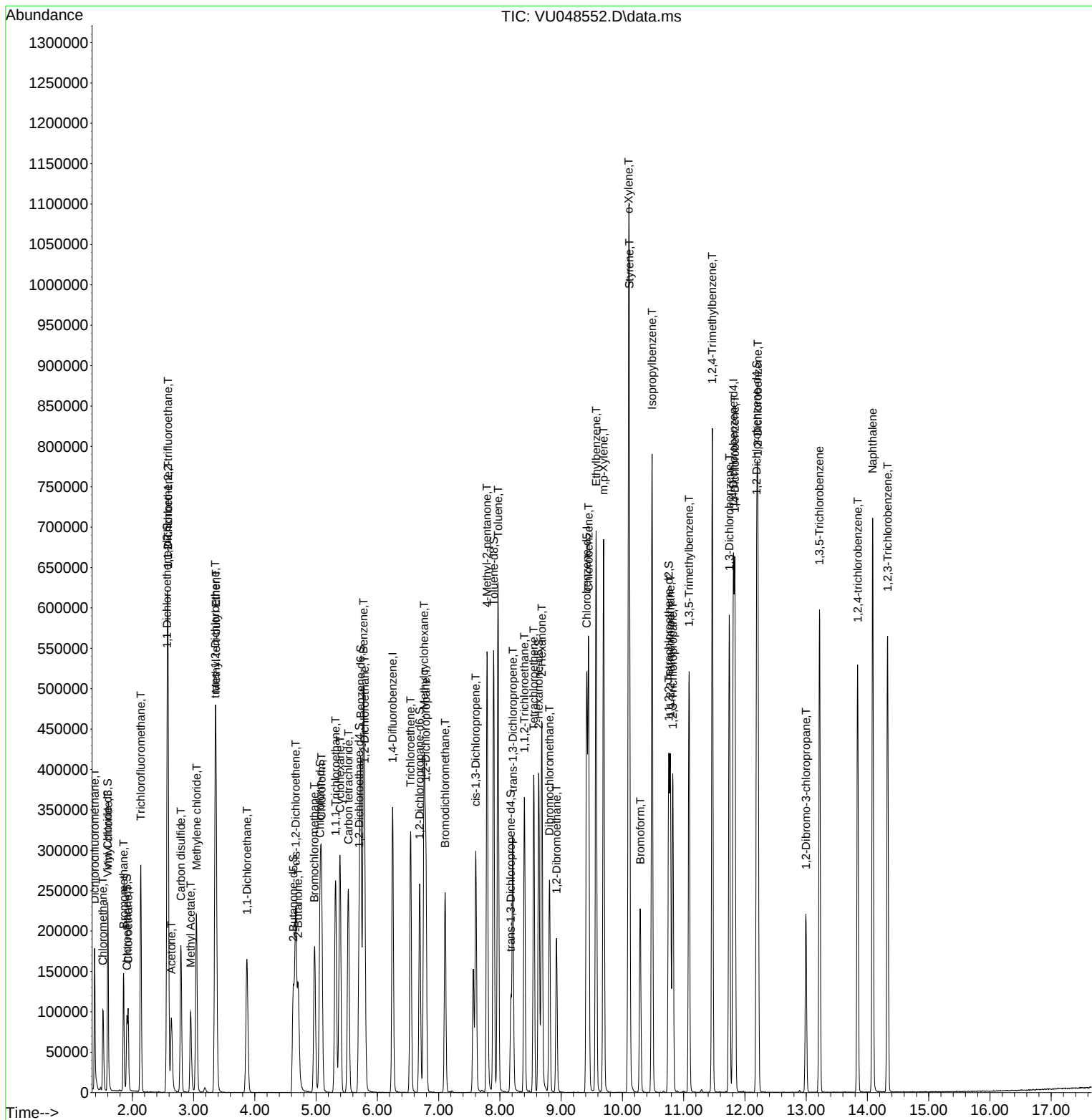
Instrument :
 MSVOA_U
 ClientSampleId :

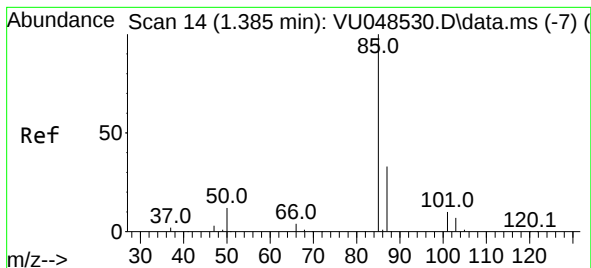
Quant Time: May 13 04:01:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 13 03:54:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	178652	50.654	ug/L	98
29) Cyclohexane	5.391	56	142059	36.562	ug/L	89
30) 1,1,1-Trichloroethane	5.318	97	196008	50.127	ug/L	97
31) Carbon tetrachloride	5.527	117	177823	53.109	ug/L	100
33) Benzene	5.774	78	414661	42.772	ug/L	100
34) Trichloroethene	6.543	95	109061	45.765	ug/L	96
35) Methylcyclohexane	6.764	83	161948	42.594	ug/L	94
37) 1,2-Dichloropropane	6.790	63	107593	39.764	ug/L	98
38) Bromodichloromethane	7.105	83	159584	48.438	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	168452	43.769	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	328470	75.765	ug/L #	94
42) Toluene	7.970	91	443256	44.300	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	177258	47.394	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	110399	45.117	ug/L	97
46) Tetrachloroethene	8.552	164	87050	48.625	ug/L	97
48) 2-Hexanone	8.684	43	274904	76.299	ug/L #	96
49) Dibromochloromethane	8.809	129	137026	52.144	ug/L	95
50) 1,2-Dibromoethane	8.925	107	122859	47.498	ug/L	98
51) Chlorobenzene	9.446	112	292234	46.353	ug/L	99
52) Ethylbenzene	9.571	91	482663	46.308	ug/L	99
53) m,p-Xylene	9.694	106	196702	48.892	ug/L	96
54) o-Xylene	10.102	106	189940	46.926	ug/L	100
55) Styrene	10.115	104	332145	50.470	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.784	83	185567	40.462	ug/L	98
59) Bromoform	10.292	173	105683	45.090	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	162498	37.668	ug/L	96
61) Isopropylbenzene	10.485	105	499816	43.160	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	278038	43.554	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	437975	46.068	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	242121	44.330	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	245844	44.895	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	245326	43.892	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	58375	46.168	ug/L	99
69) 1,3,5-Trichlorobenzene	13.218	180	180595	46.765	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	163994	48.900	ug/L	99
71) Naphthalene	14.086	128	551662	42.715	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	172082	48.245	ug/L	98

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

Quant Time: May 13 04:01:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM050622WMA.M
Quant Title : VOC Analysis
QLast Update : Fri May 13 03:54:05 2022
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 44.055 ug/L

RT: 1.385 min Scan# 14

Delta R.T. 0.000 min

Lab File: VU048552.D

Acq: 12 May 2022 19:21

Instrument :

MSVOA_U

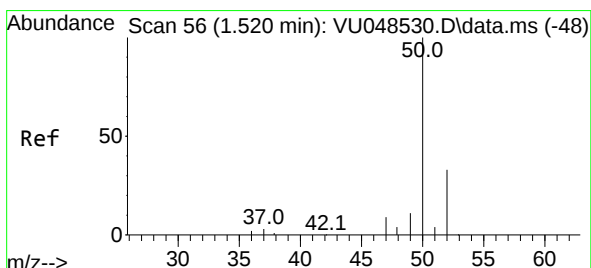
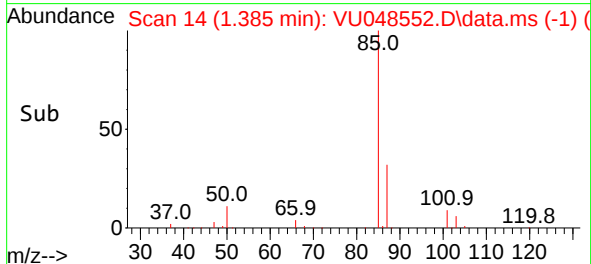
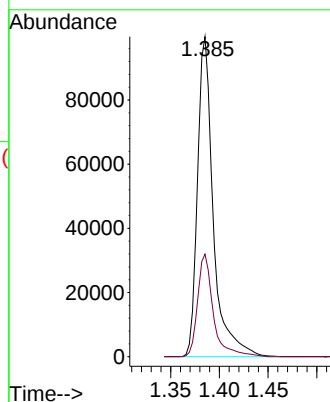
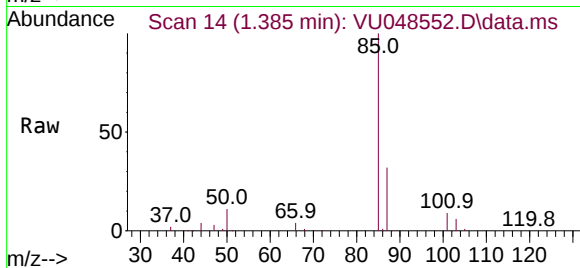
ClientSampleId :

Tgt Ion: 85 Resp: 112309

Ion Ratio Lower Upper

85 100

87 31.9 26.2 39.4



#3

Chloromethane

Concen: 29.656 ug/L

RT: 1.520 min Scan# 56

Delta R.T. 0.000 min

Lab File: VU048552.D

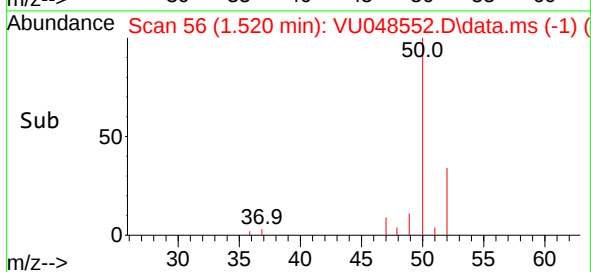
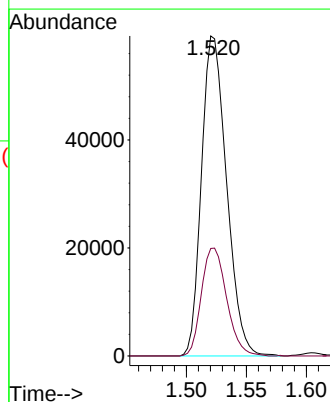
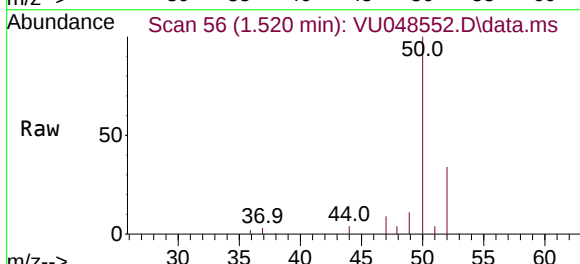
Acq: 12 May 2022 19:21

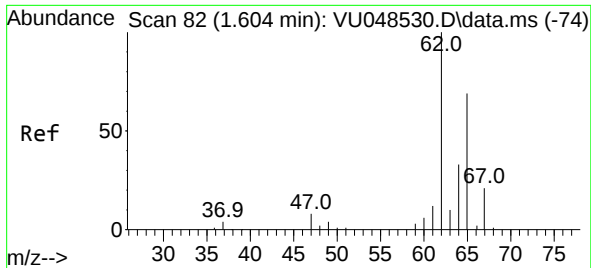
Tgt Ion: 50 Resp: 86475

Ion Ratio Lower Upper

50 100

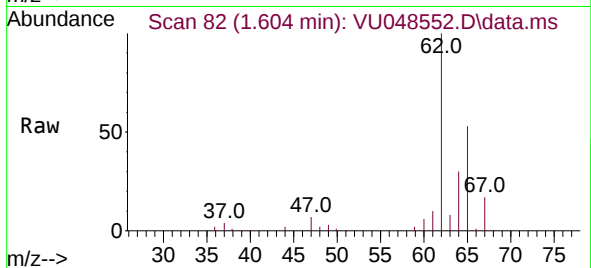
52 33.6 23.0 42.8



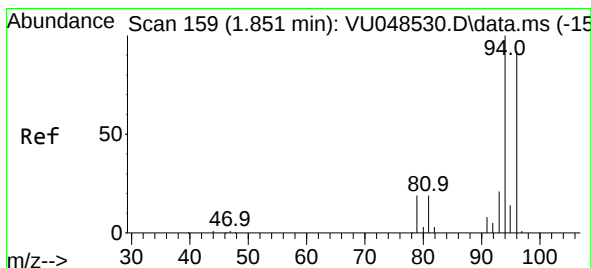
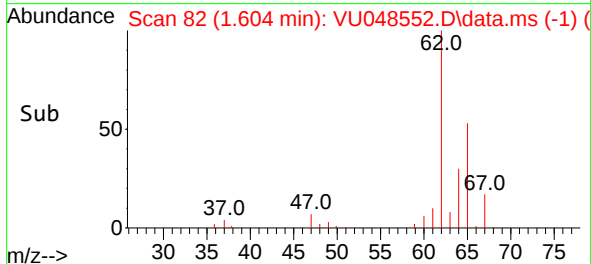
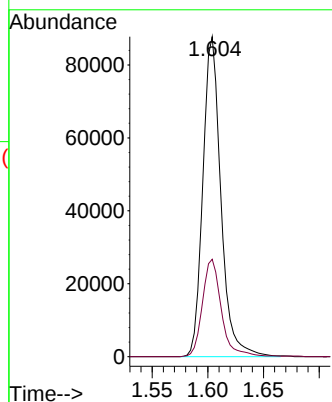


#5
 Vinyl chloride
 Concen: 35.704 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU048552.D
 Acq: 12 May 2022 19:21

Instrument :
 MSVOA_U
 ClientSampleId :

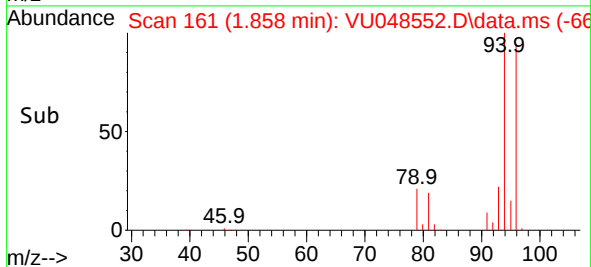
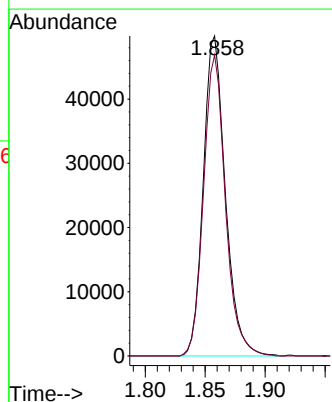
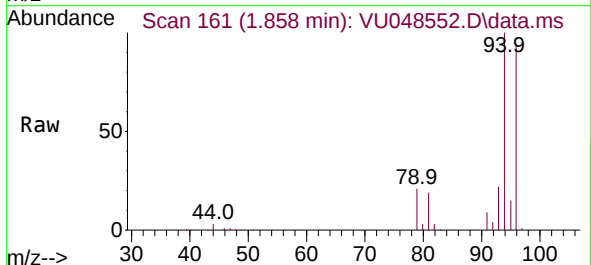


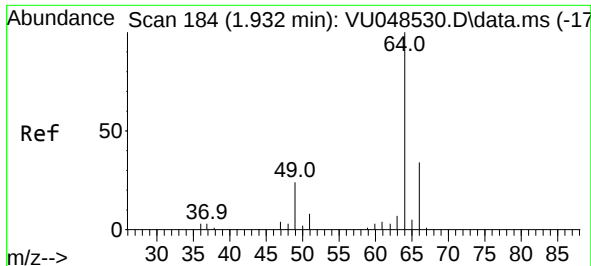
Tgt Ion: 62 Resp: 98907
 Ion Ratio Lower Upper
 62 100
 64 30.4 23.2 43.0



#6
 Bromomethane
 Concen: 46.613 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.007 min
 Lab File: VU048552.D
 Acq: 12 May 2022 19:21

Tgt Ion: 94 Resp: 63857
 Ion Ratio Lower Upper
 94 100
 96 94.0 66.5 123.5

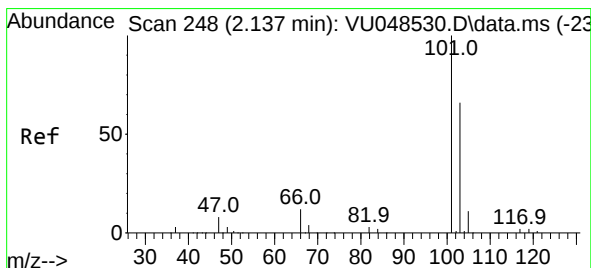
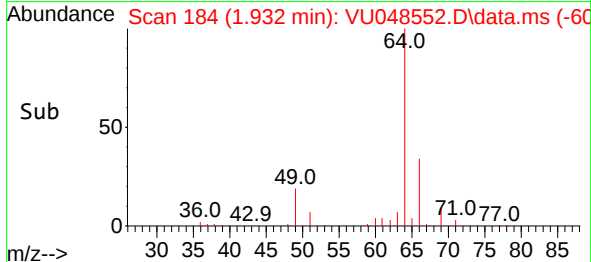
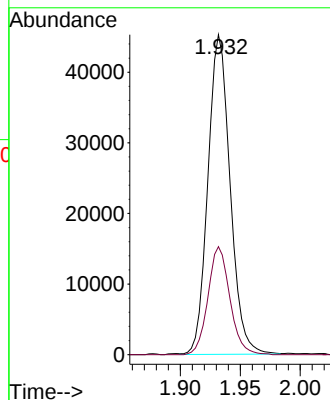
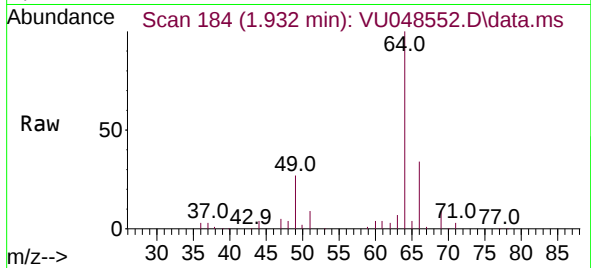




#8
Chloroethane
Concen: 39.131 ug/L
RT: 1.932 min Scan# 184
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

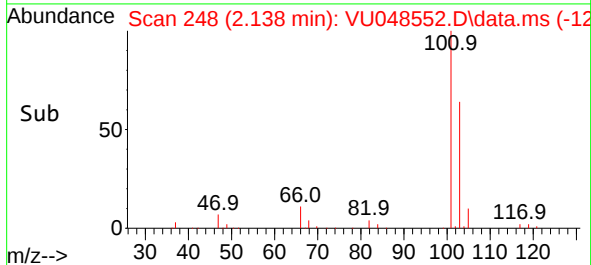
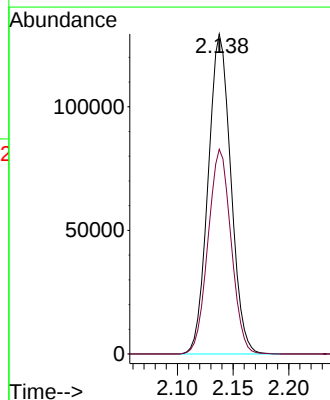
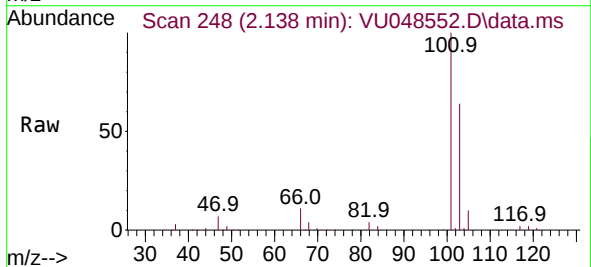
Instrument :
MSVOA_U
ClientSampleId :

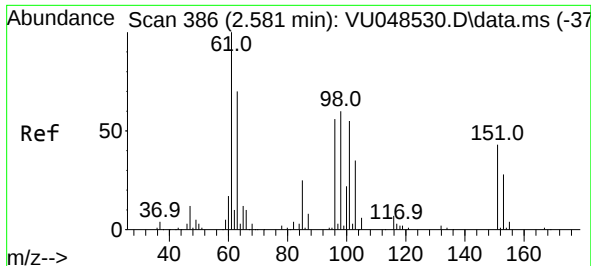
Tgt Ion: 64 Resp: 58280
Ion Ratio Lower Upper
64 100
66 33.8 22.8 42.4



#9
Trichlorofluoromethane
Concen: 50.477 ug/L
RT: 2.138 min Scan# 248
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Tgt Ion:101 Resp: 183716
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0

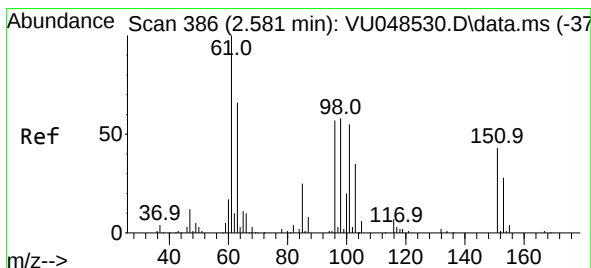
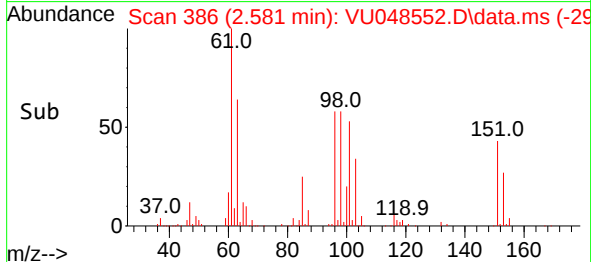
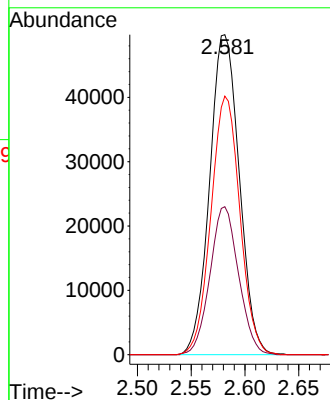
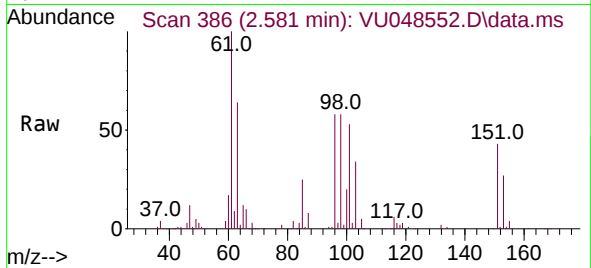




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 45.676 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU048552.D
 Acq: 12 May 2022 19:21

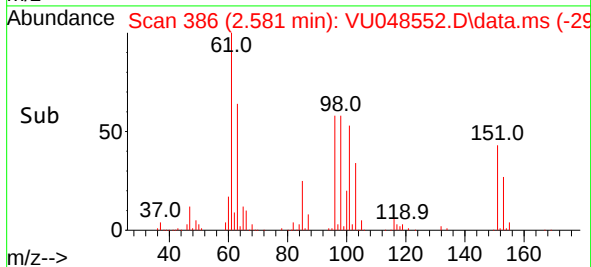
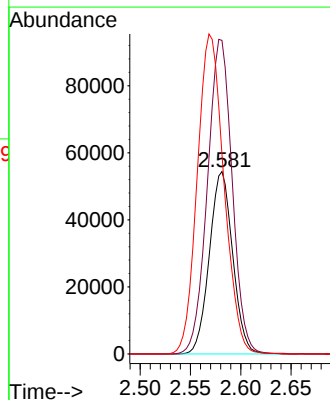
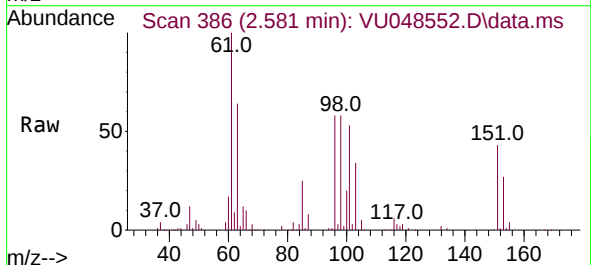
Instrument :
 MSVOA_U
 ClientSampleId :

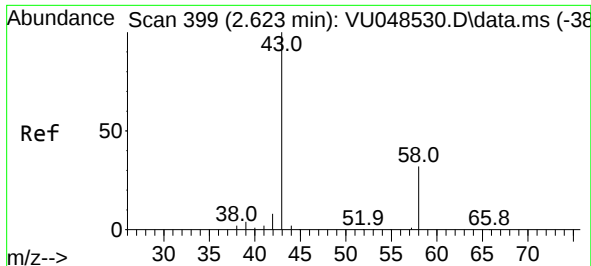
Tgt Ion:101 Resp: 95399
 Ion Ratio Lower Upper
 101 100
 85 44.6 34.8 52.2
 151 78.9 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 44.426 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU048552.D
 Acq: 12 May 2022 19:21

Tgt Ion: 96 Resp: 87730
 Ion Ratio Lower Upper
 96 100
 61 171.9 124.5 231.3
 63 109.5 92.5 171.9





#13

Acetone

Concen: 78.044 ug/L

RT: 2.639 min Scan# 404

Delta R.T. 0.016 min

Lab File: VU048552.D

Acq: 12 May 2022 19:21

Instrument :

MSVOA_U

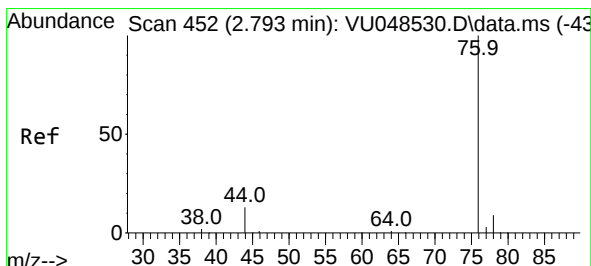
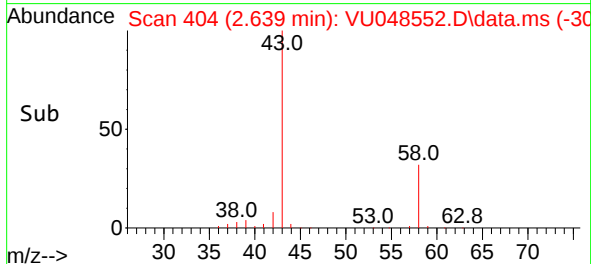
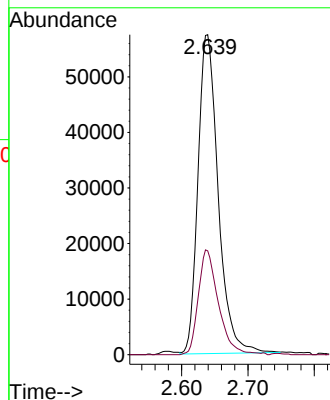
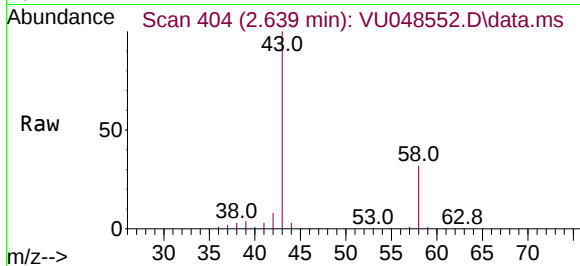
ClientSampleId :

Tgt Ion: 43 Resp: 121618

Ion Ratio Lower Upper

43 100

58 32.6 0.0 66.2



#14

Carbon disulfide

Concen: 38.996 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU048552.D

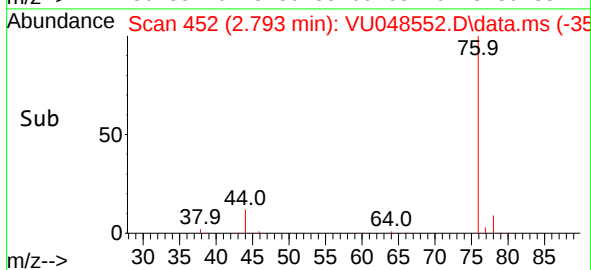
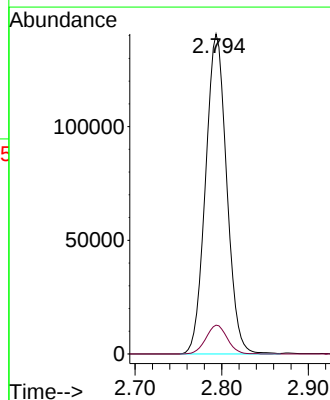
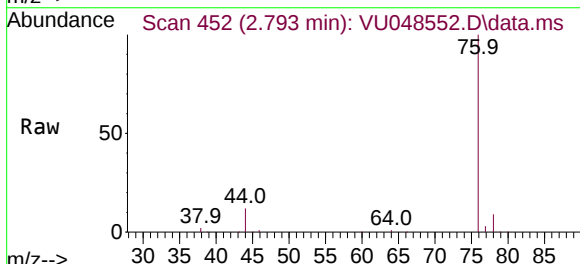
Acq: 12 May 2022 19:21

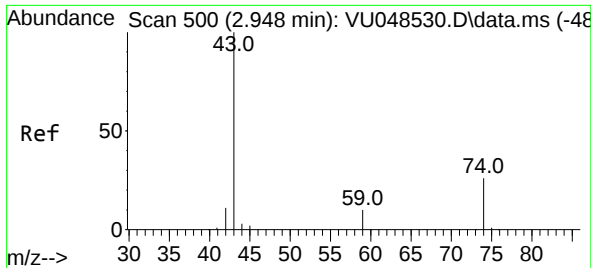
Tgt Ion: 76 Resp: 238687

Ion Ratio Lower Upper

76 100

78 9.0 7.3 10.9

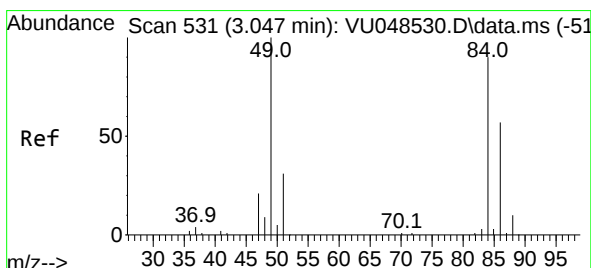
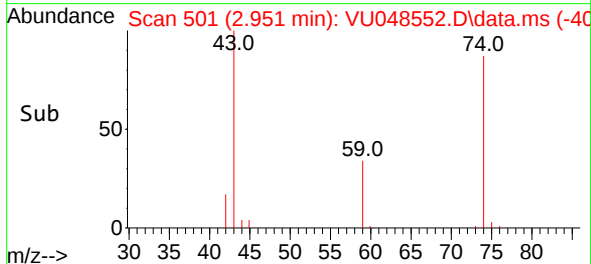
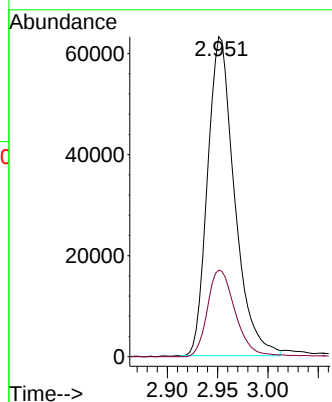
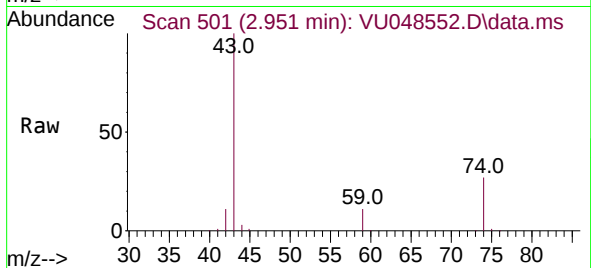




#15
Methyl Acetate
Concen: 36.954 ug/L
RT: 2.951 min Scan# 501
Delta R.T. 0.003 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

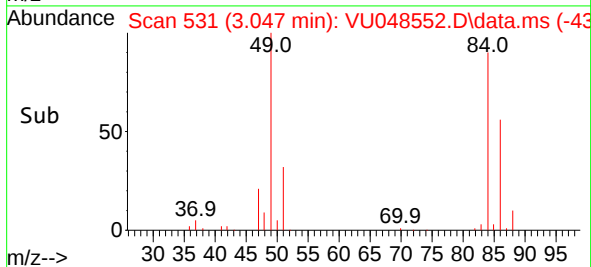
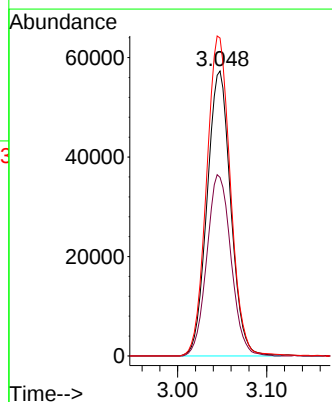
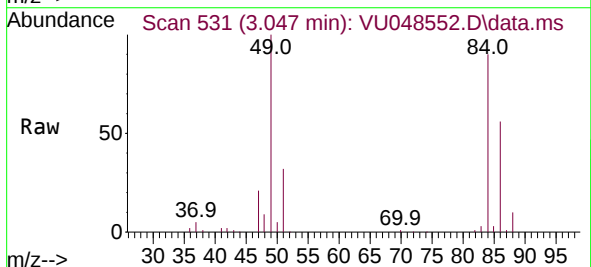
Instrument :
MSVOA_U
ClientSampleId :

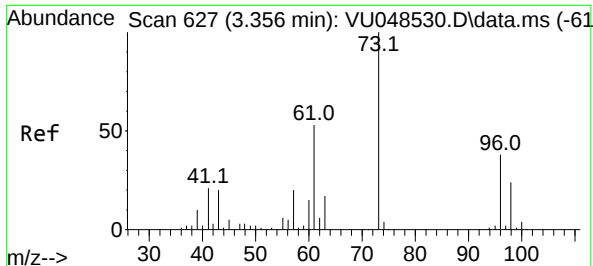
Tgt Ion: 43 Resp: 117972
Ion Ratio Lower Upper
43 100
74 28.1 17.6 26.4#



#16
Methylene chloride
Concen: 43.694 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Tgt Ion: 84 Resp: 105514
Ion Ratio Lower Upper
84 100
86 62.7 44.8 83.2
49 111.6 92.0 170.8





#17

trans-1,2-Dichloroethene

Concen: 44.121 ug/L

RT: 3.353 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU048552.D

Acq: 12 May 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

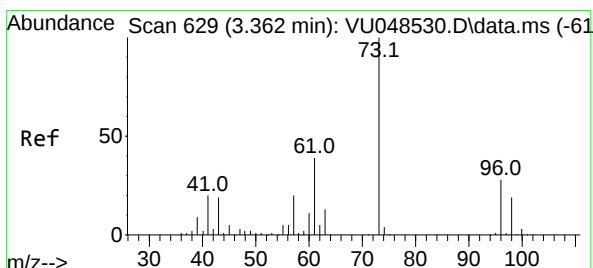
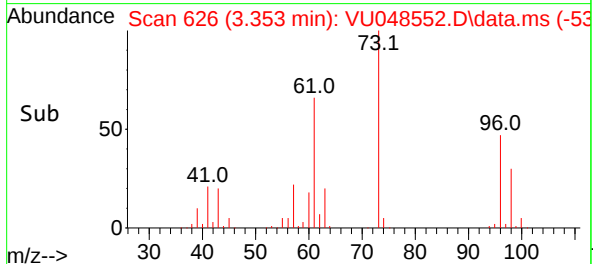
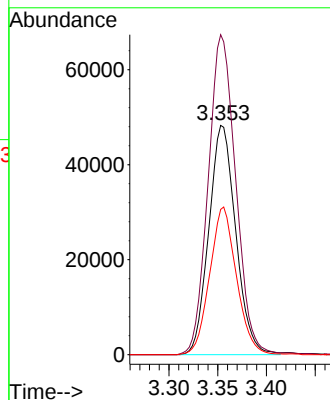
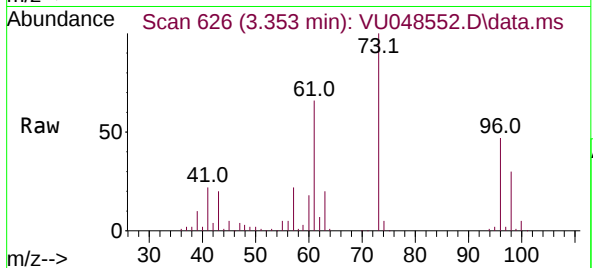
Tgt Ion: 96 Resp: 92954

Ion Ratio Lower Upper

96 100

61 139.6 101.2 187.8

98 63.4 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 46.466 ug/L

RT: 3.366 min Scan# 630

Delta R.T. 0.003 min

Lab File: VU048552.D

Acq: 12 May 2022 19:21

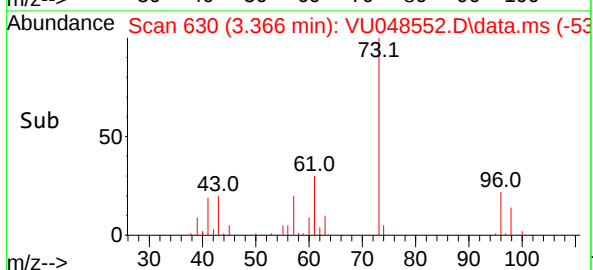
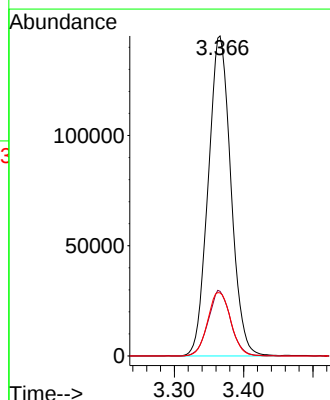
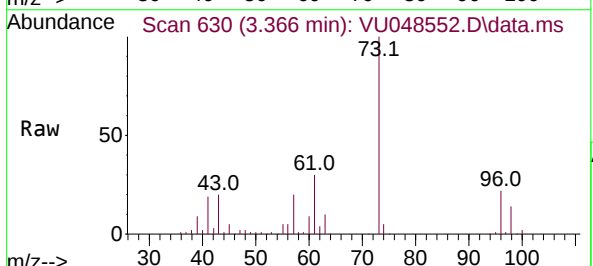
Tgt Ion: 73 Resp: 329675

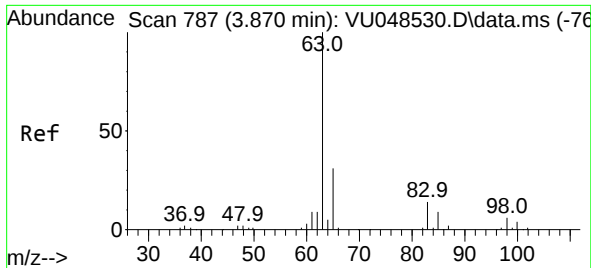
Ion Ratio Lower Upper

73 100

43 20.2 15.6 23.4

57 20.3 18.1 27.1

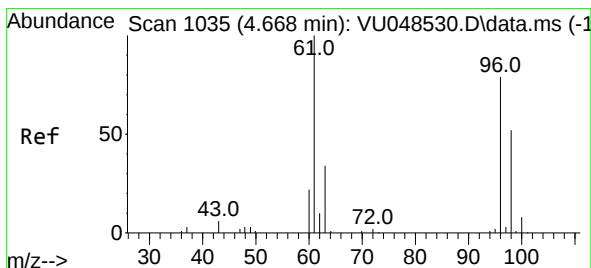
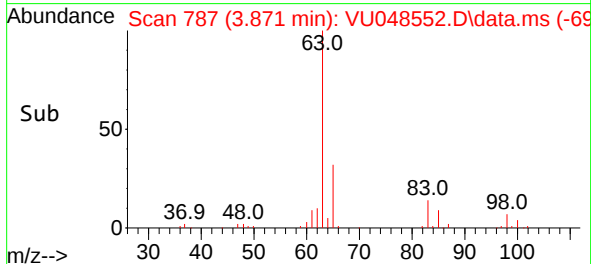
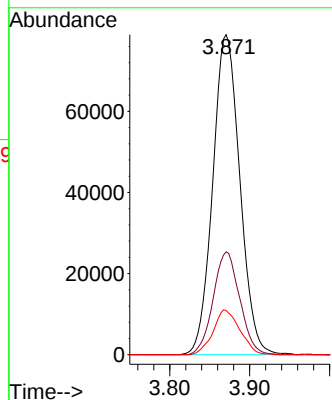
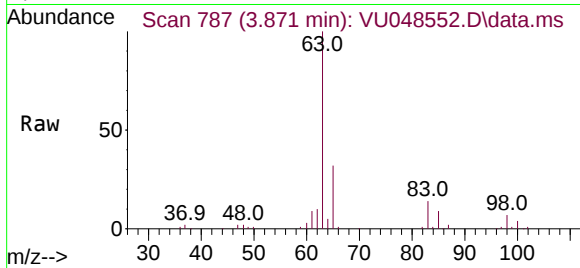




#19
1,1-Dichloroethane
Concen: 42.770 ug/L
RT: 3.871 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

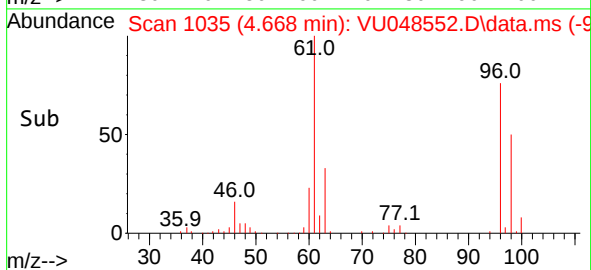
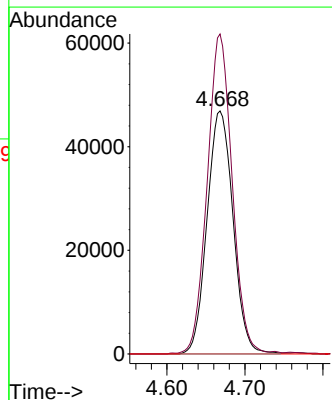
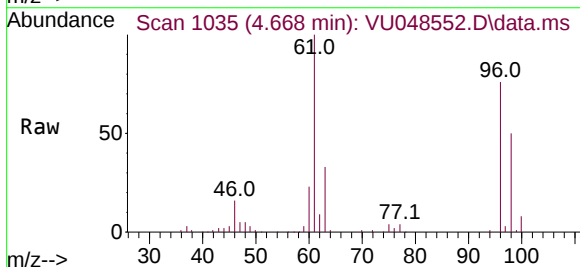
Instrument :
MSVOA_U
ClientSampleId :

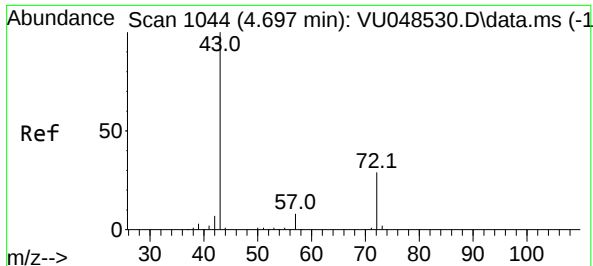
Tgt Ion: 63 Resp: 185798
Ion Ratio Lower Upper
63 100
65 32.2 22.0 41.0
83 13.8 8.5 15.9



#20
cis-1,2-Dichloroethene
Concen: 45.709 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Tgt Ion: 96 Resp: 108668
Ion Ratio Lower Upper
96 100
61 131.6 96.2 178.8
68 0.0 0.0 0.0

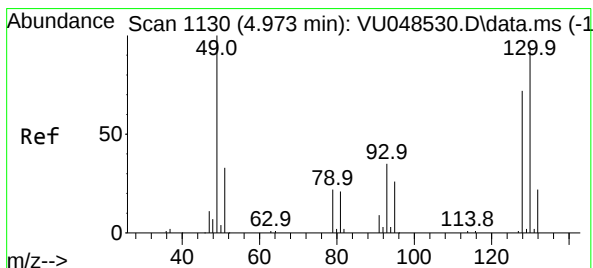
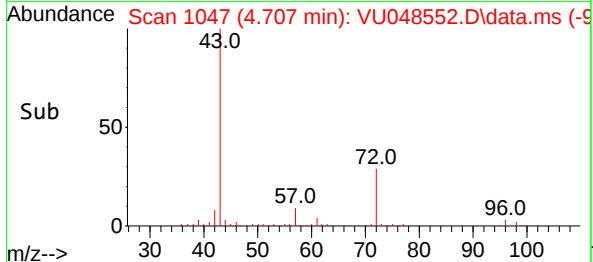
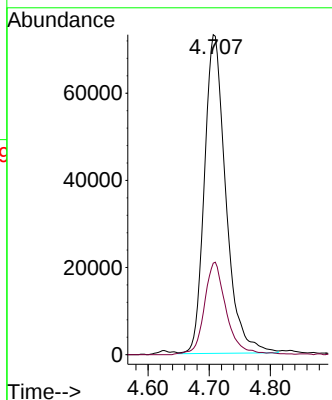
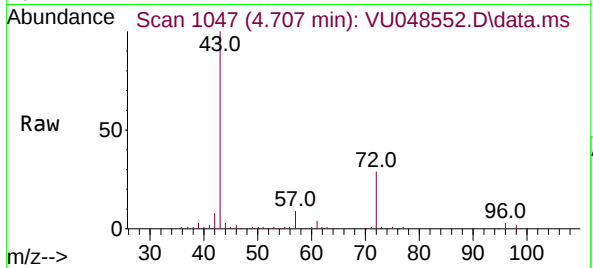




#22
2-Butanone
Concen: 76.383 ug/L
RT: 4.707 min Scan# 1047
Delta R.T. 0.010 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

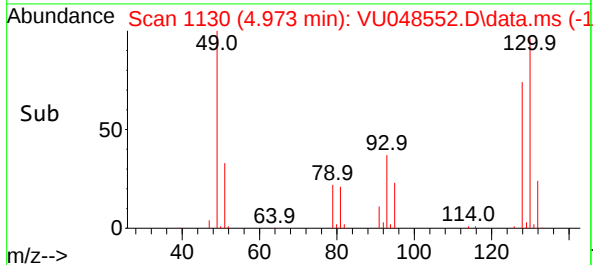
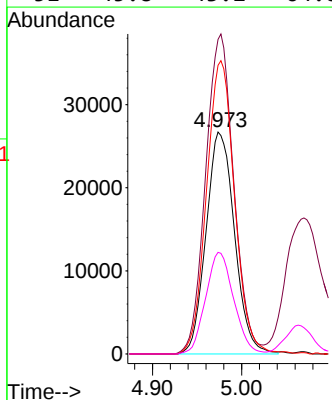
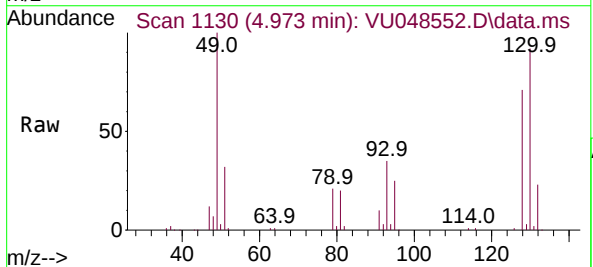
Instrument :
MSVOA_U
ClientSampleId :

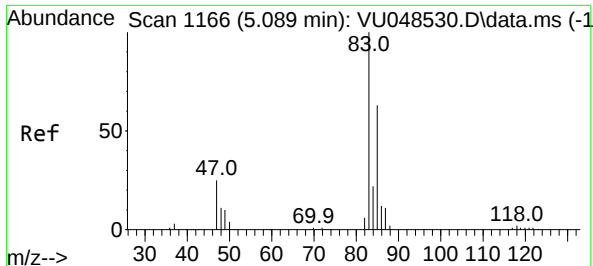
Tgt Ion: 43 Resp: 177932
Ion Ratio Lower Upper
43 100
72 28.9 13.3 39.9



#23
Bromochloromethane
Concen: 47.355 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Tgt Ion:128 Resp: 59331
Ion Ratio Lower Upper
128 100
49 141.7 123.1 228.7
130 130.0 93.6 173.8
51 45.8 43.2 64.8





#25

Chloroform

Concen: 48.986 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048552.D

Acq: 12 May 2022 19:21

Instrument :

MSVOA_U

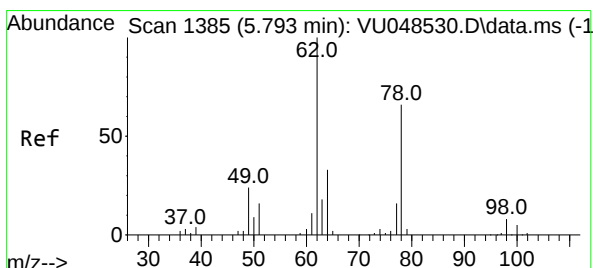
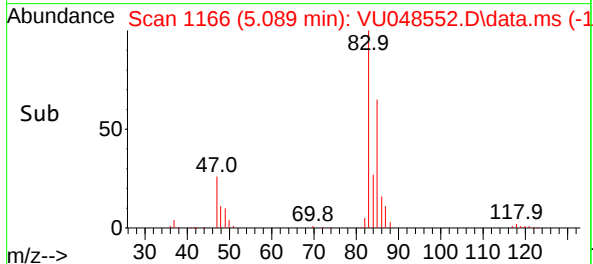
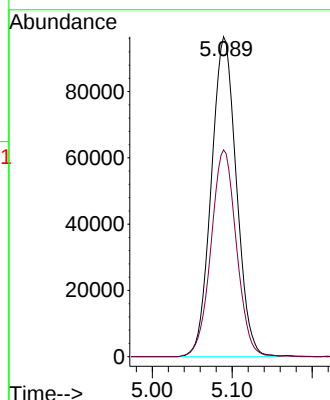
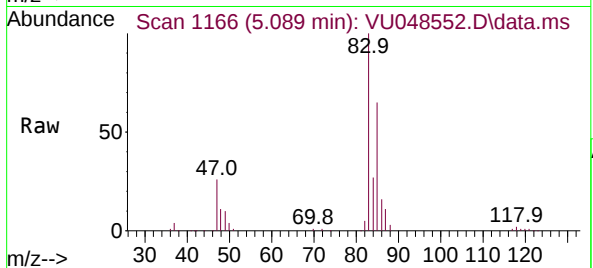
ClientSampleId :

Tgt Ion: 83 Resp: 210140

Ion Ratio Lower Upper

83 100

85 64.7 45.4 84.2



#27

1,2-Dichloroethane

Concen: 50.654 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VU048552.D

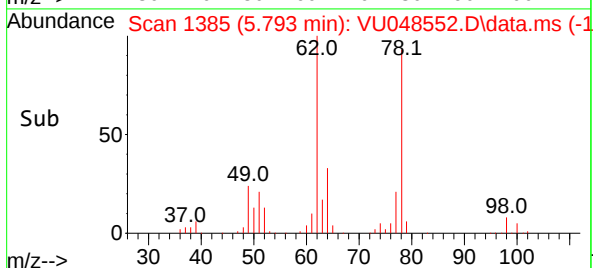
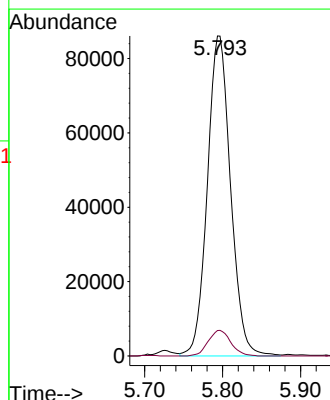
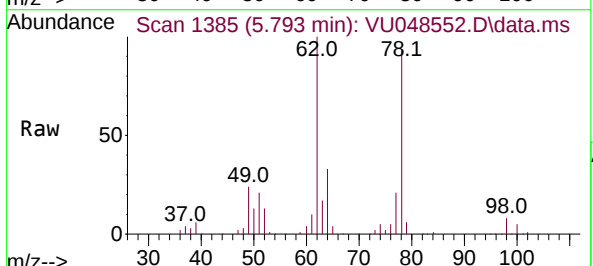
Acq: 12 May 2022 19:21

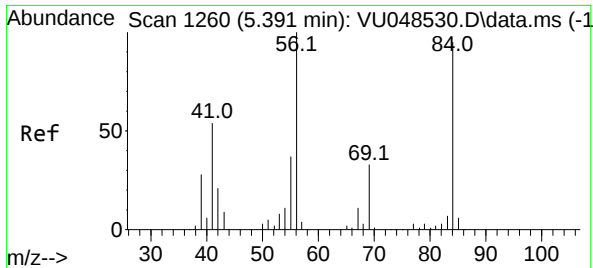
Tgt Ion: 62 Resp: 178652

Ion Ratio Lower Upper

62 100

98 8.0 6.8 10.2





#29

Cyclohexane

Concen: 36.562 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. 0.000 min

Lab File: VU048552.D

Acq: 12 May 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

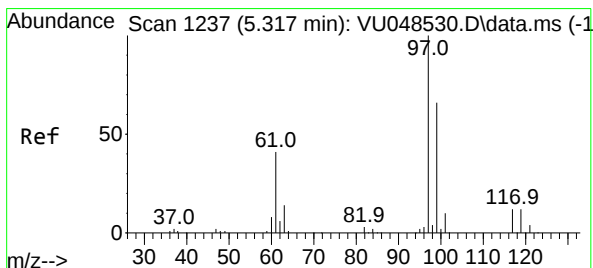
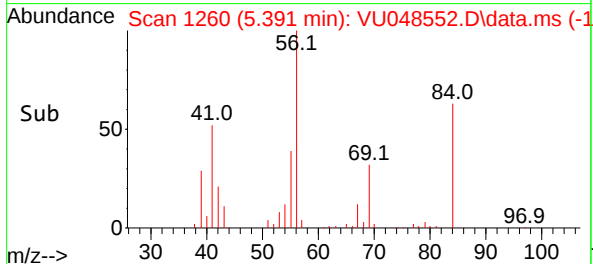
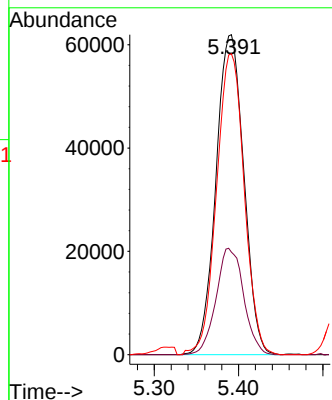
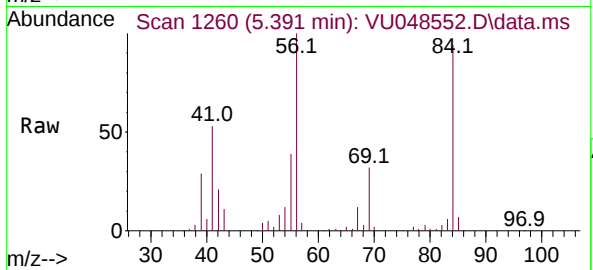
Tgt Ion: 56 Resp: 142059

Ion Ratio Lower Upper

56 100

69 33.0 23.4 35.0

84 93.1 65.5 98.3



#30

1,1,1-Trichloroethane

Concen: 50.127 ug/L

RT: 5.318 min Scan# 1237

Delta R.T. 0.000 min

Lab File: VU048552.D

Acq: 12 May 2022 19:21

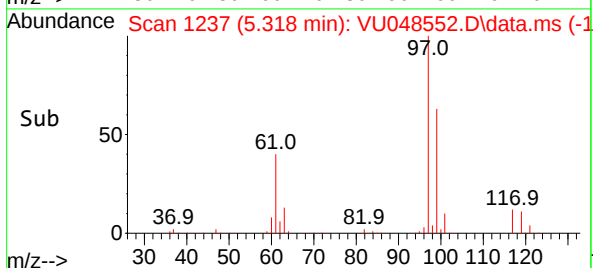
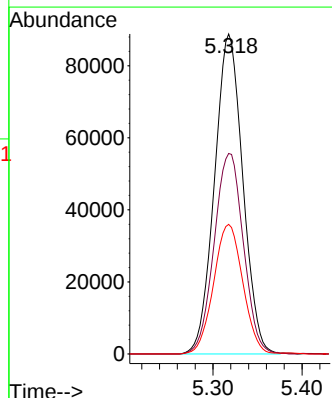
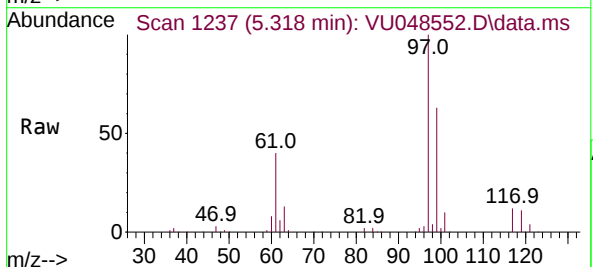
Tgt Ion: 97 Resp: 196008

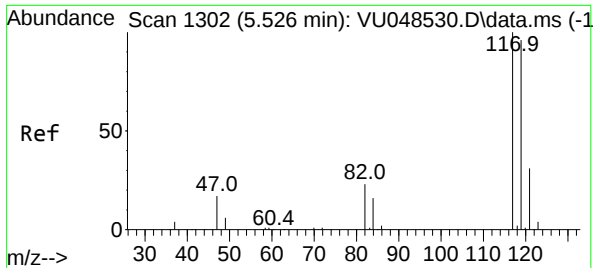
Ion Ratio Lower Upper

97 100

99 64.9 50.5 75.7

61 41.8 35.0 52.4

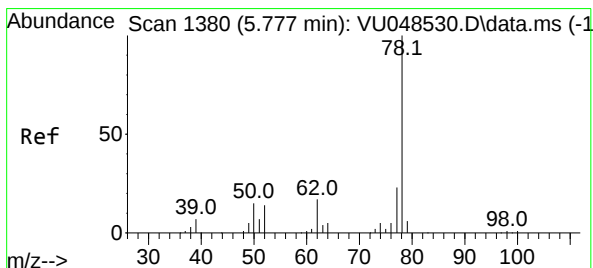
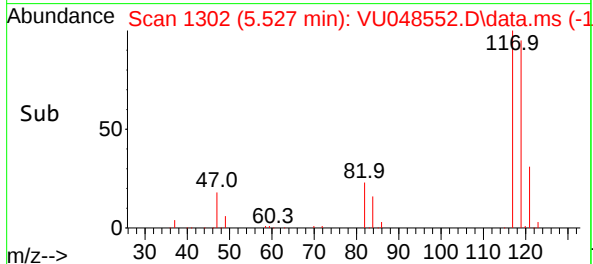
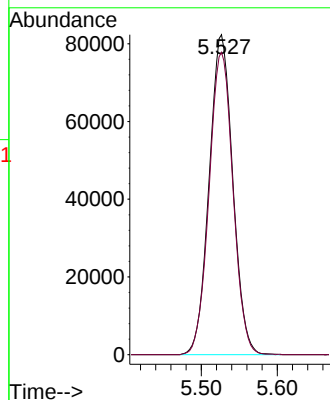
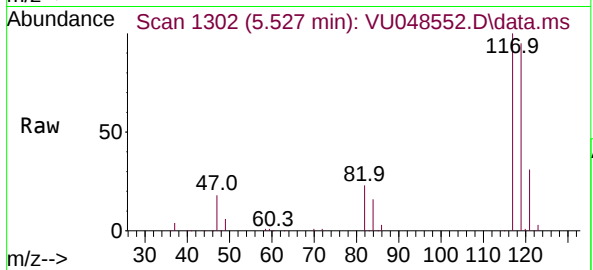




#31
Carbon tetrachloride
Concen: 53.109 ug/L
RT: 5.527 min Scan# 1302
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

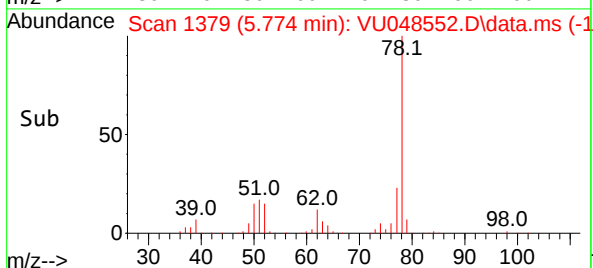
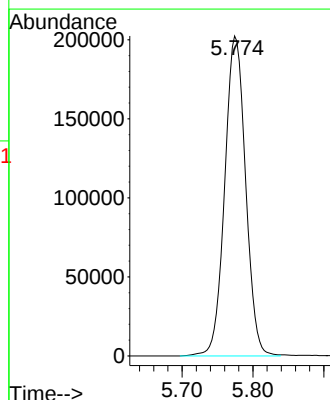
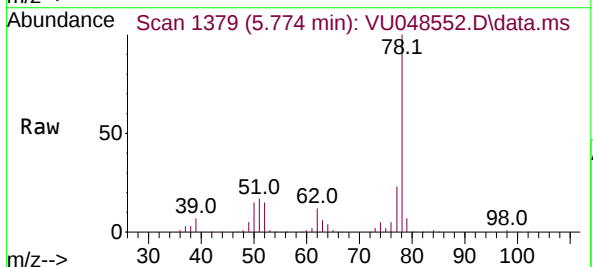
Instrument :
MSVOA_U
ClientSampleId :

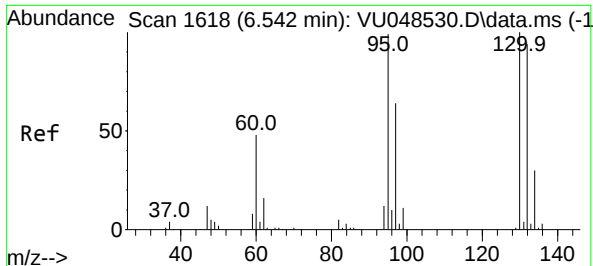
Tgt Ion:117 Resp: 177823
Ion Ratio Lower Upper
117 100
119 95.2 76.5 114.7



#33
Benzene
Concen: 42.772 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.003 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Tgt Ion: 78 Resp: 414661

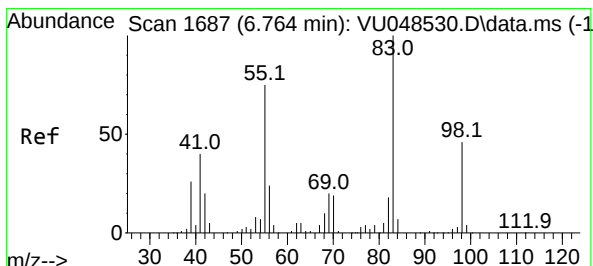
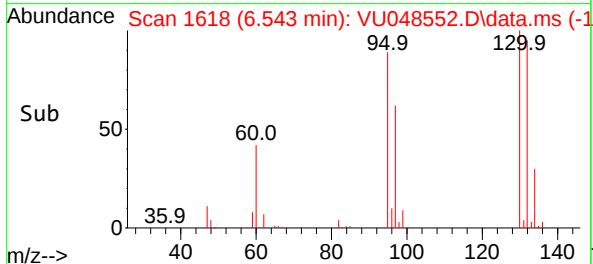
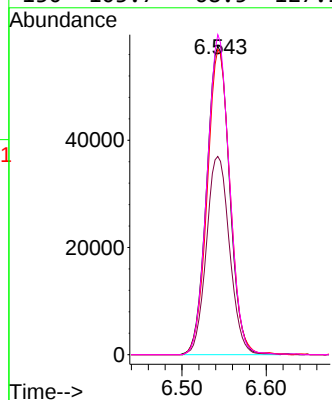
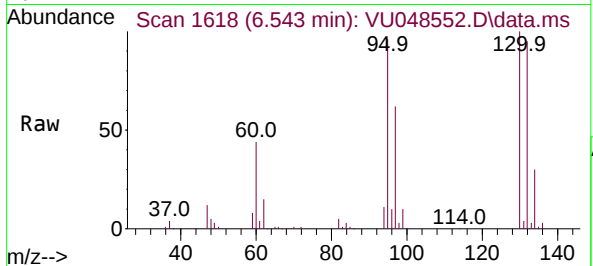




#34
Trichloroethene
Concen: 45.765 ug/L
RT: 6.543 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

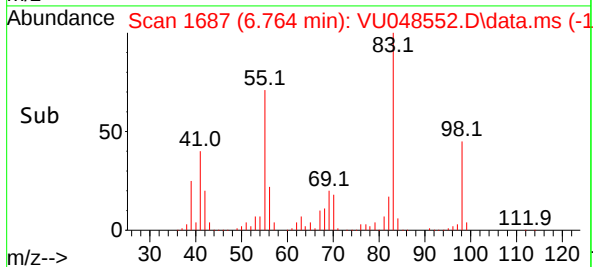
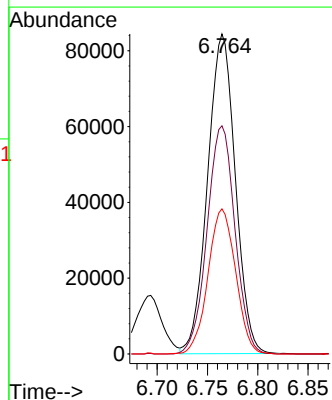
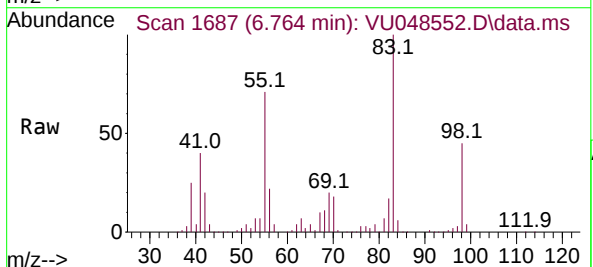
Instrument :
MSVOA_U
ClientSampleId :

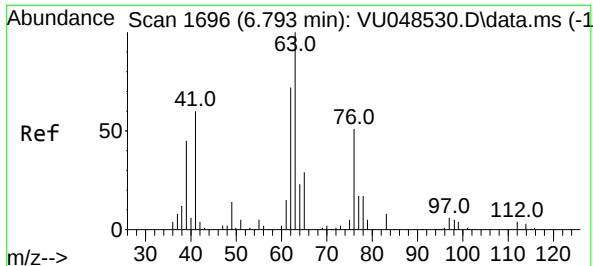
Tgt Ion: 95 Resp: 109061
Ion Ratio Lower Upper
95 100
97 64.3 46.6 86.6
132 99.0 67.3 124.9
130 103.7 68.5 127.1



#35
Methylcyclohexane
Concen: 42.594 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Tgt Ion: 83 Resp: 161948
Ion Ratio Lower Upper
83 100
55 71.9 63.4 95.2
98 45.2 35.9 53.9





#37

1,2-Dichloropropane

Concen: 39.764 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU048552.D

Acq: 12 May 2022 19:21

Instrument :

MSVOA_U

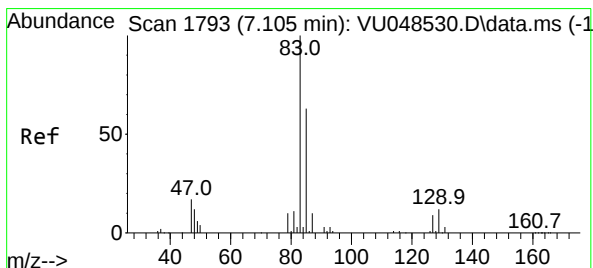
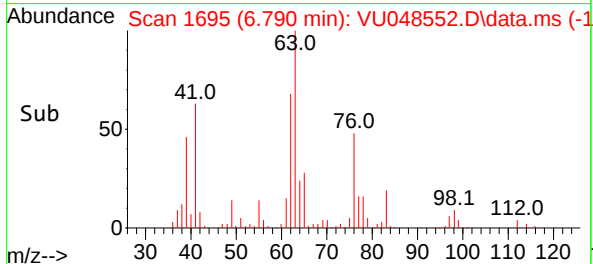
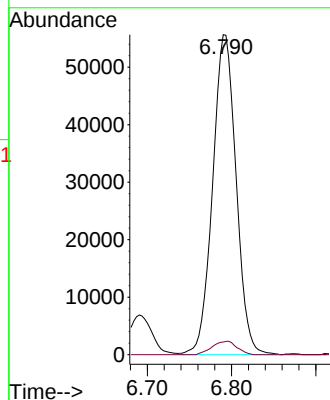
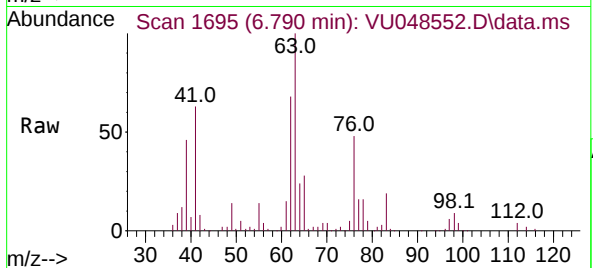
ClientSampleId :

Tgt Ion: 63 Resp: 107593

Ion Ratio Lower Upper

63 100

112 4.4 3.1 4.7



#38

Bromodichloromethane

Concen: 48.438 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU048552.D

Acq: 12 May 2022 19:21

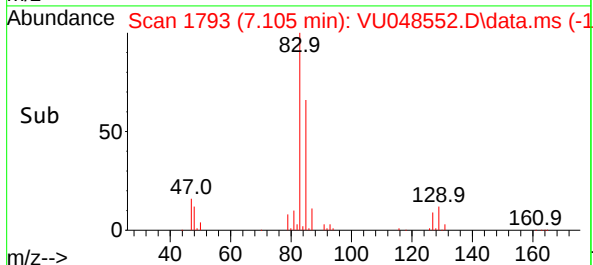
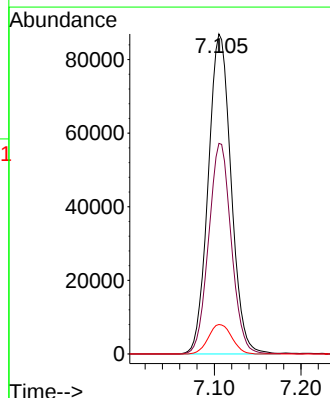
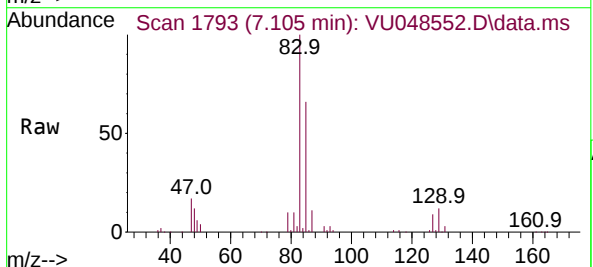
Tgt Ion: 83 Resp: 159584

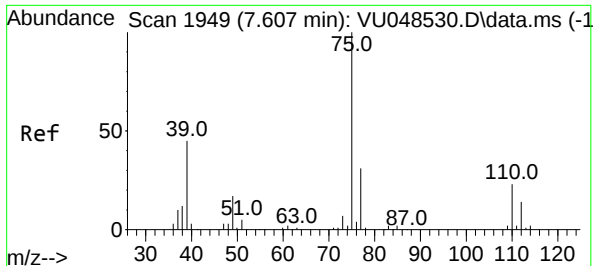
Ion Ratio Lower Upper

83 100

85 65.8 45.5 84.5

127 9.2 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 43.769 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VU048552.D

Acq: 12 May 2022 19:21

Instrument :

MSVOA_U

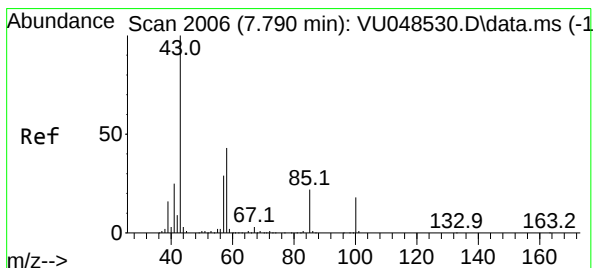
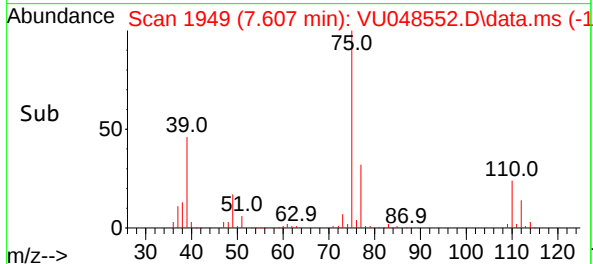
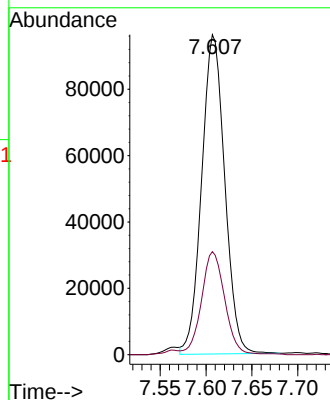
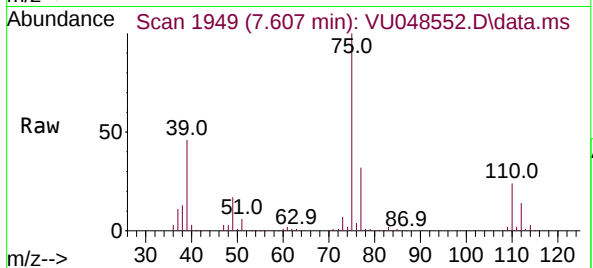
ClientSampleId :

Tgt Ion: 75 Resp: 168452

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 75.765 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU048552.D

Acq: 12 May 2022 19:21

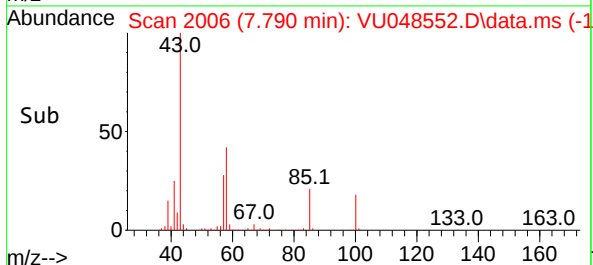
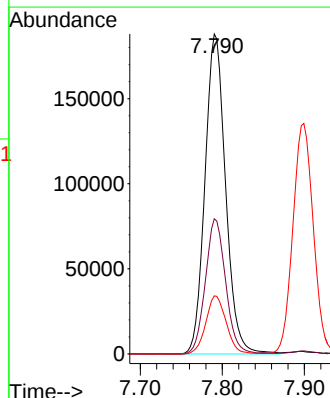
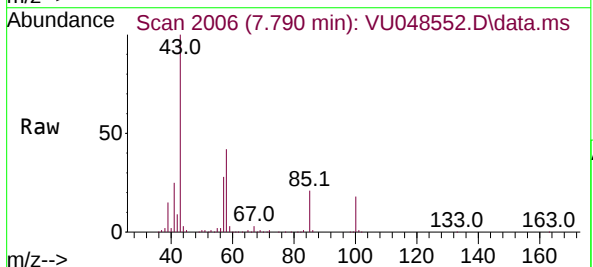
Tgt Ion: 43 Resp: 328470

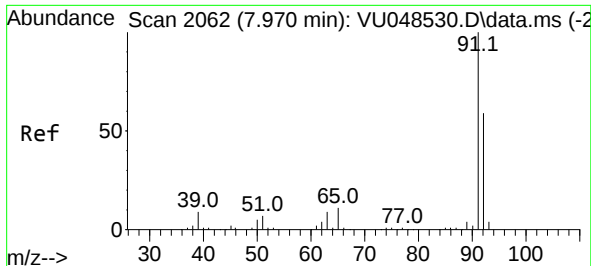
Ion Ratio Lower Upper

43 100

58 41.5 31.0 46.4

100 18.0 11.2 16.8





#42

Toluene

Concen: 44.300 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. 0.000 min

Lab File: VU048552.D

Acq: 12 May 2022 19:21

Instrument :

MSVOA_U

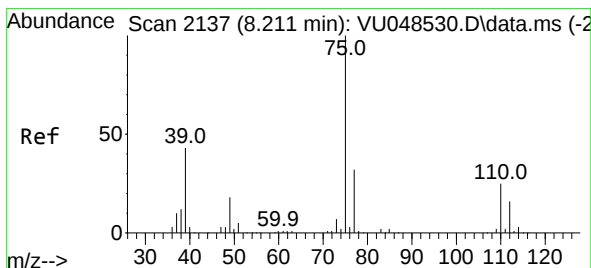
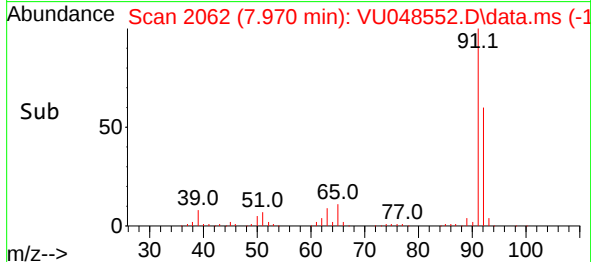
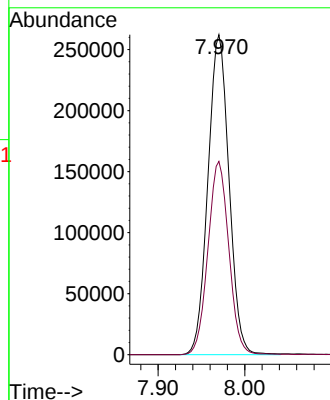
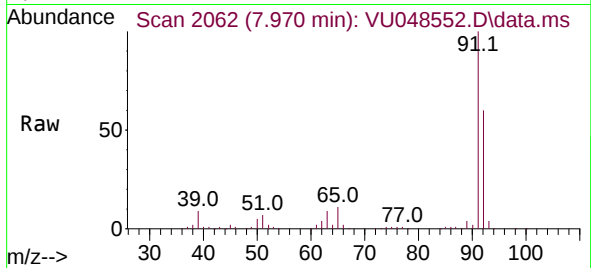
ClientSampleId :

Tgt Ion: 91 Resp: 443256

Ion Ratio Lower Upper

91 100

92 60.4 41.7 77.5



#44

trans-1,3-Dichloropropene

Concen: 47.394 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU048552.D

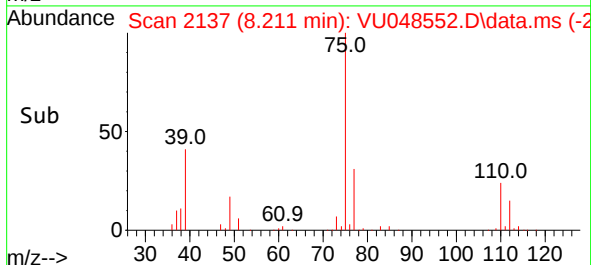
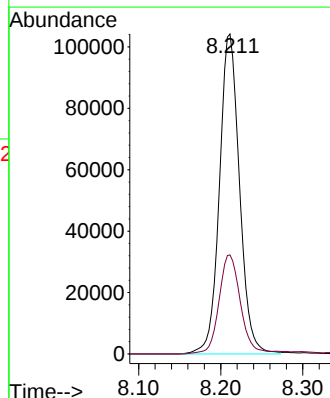
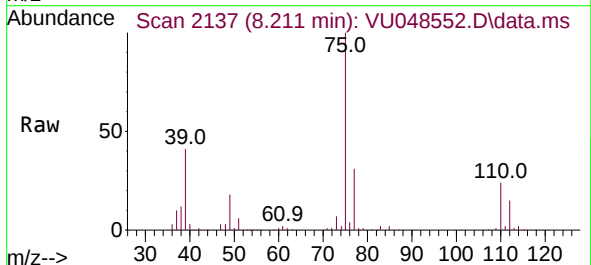
Acq: 12 May 2022 19:21

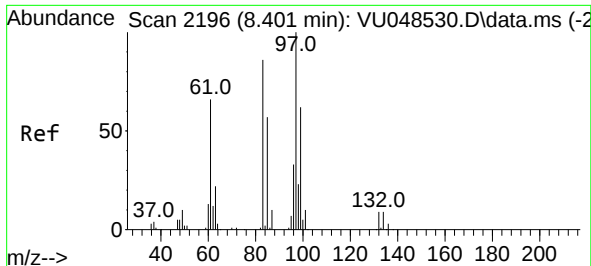
Tgt Ion: 75 Resp: 177258

Ion Ratio Lower Upper

75 100

77 31.0 22.6 42.0

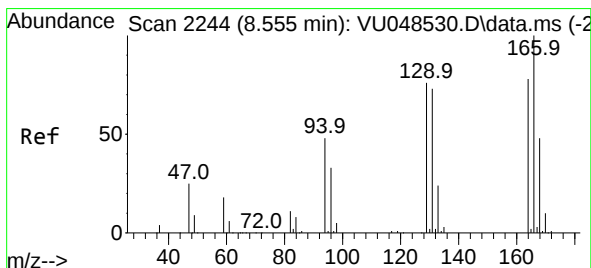
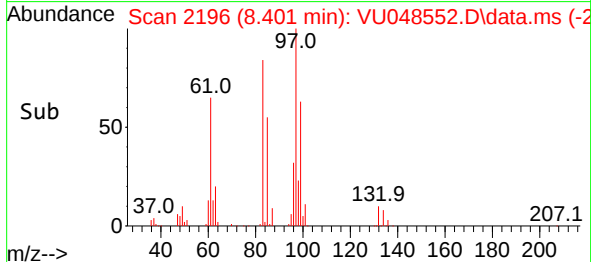
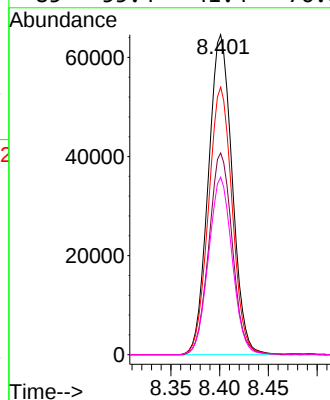
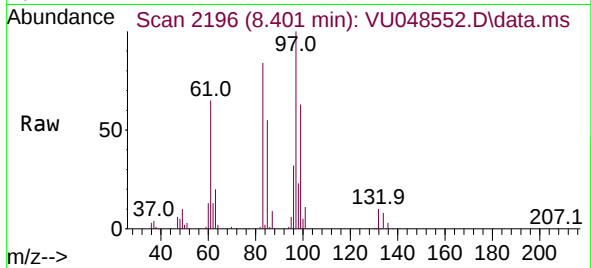




#45
1,1,2-Trichloroethane
Concen: 45.117 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

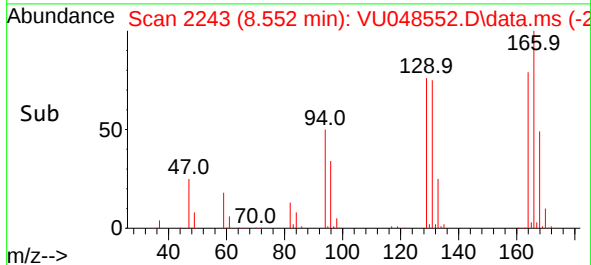
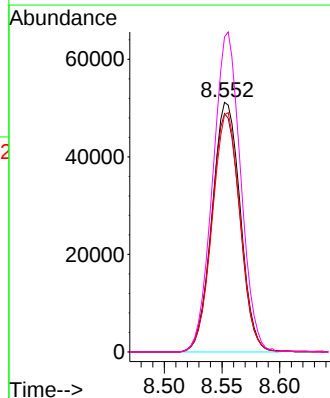
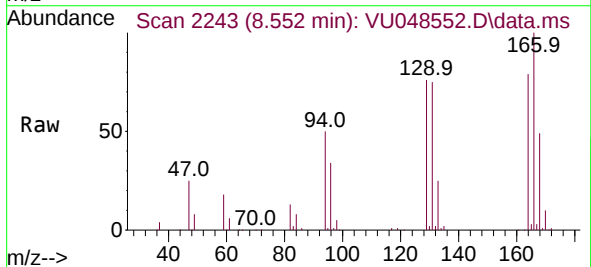
Instrument :
MSVOA_U
ClientSampleId :

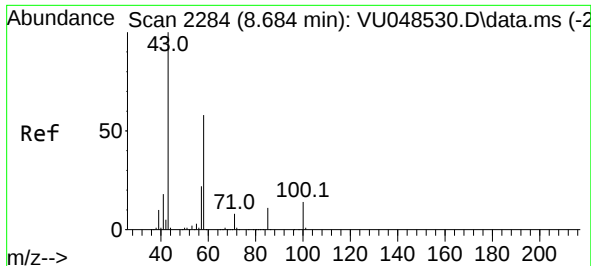
Tgt Ion:	97	Resp:	110399
Ion	Ratio	Lower	Upper
97	100		
99	63.0	43.5	80.9
83	83.6	60.5	112.5
85	55.4	41.4	76.8



#46
Tetrachloroethene
Concen: 48.625 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

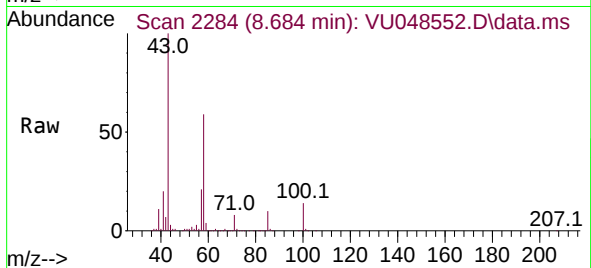
Tgt Ion:	164	Resp:	87050
Ion	Ratio	Lower	Upper
164	100		
129	95.5	69.2	128.6
131	95.0	65.2	121.0
166	126.2	86.6	160.8



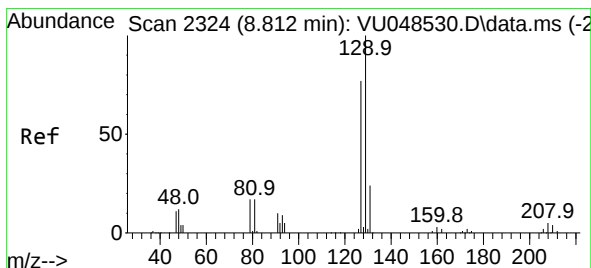
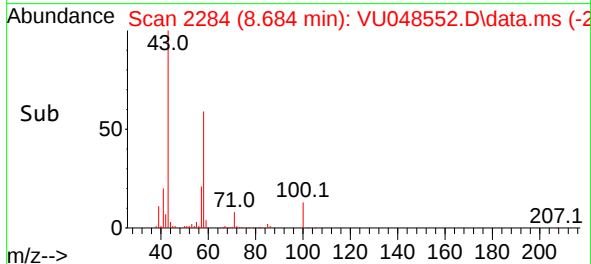
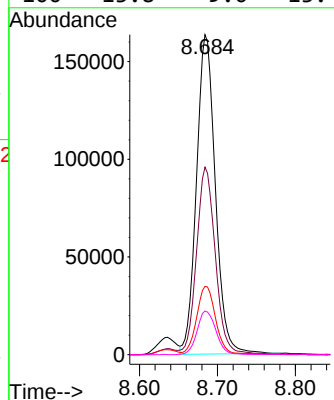


#48
2-Hexanone
Concen: 76.299 ug/L
RT: 8.684 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Instrument :
MSVOA_U
ClientSampleId :

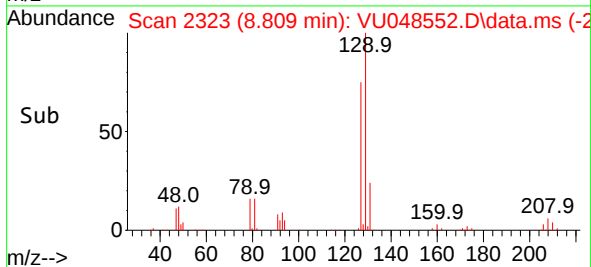
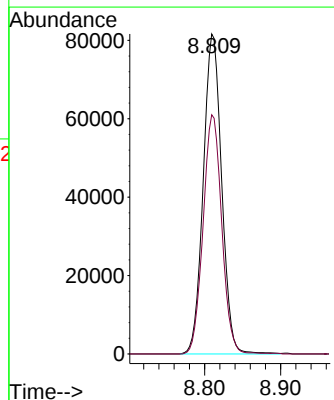
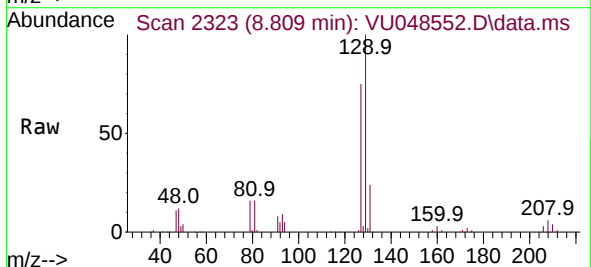


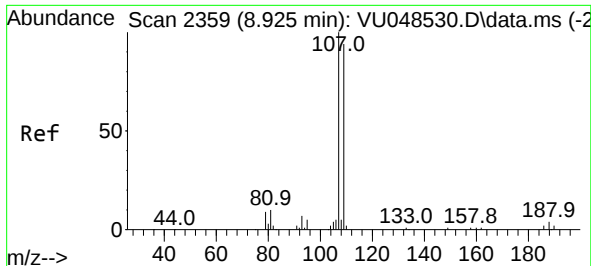
Tgt Ion: 43 Resp: 274904
Ion Ratio Lower Upper
43 100
58 57.7 44.3 66.5
57 20.9 15.7 23.5
100 13.8 9.0 13.4#



#49
Dibromochloromethane
Concen: 52.144 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Tgt Ion: 129 Resp: 137026
Ion Ratio Lower Upper
129 100
127 74.8 55.2 102.4

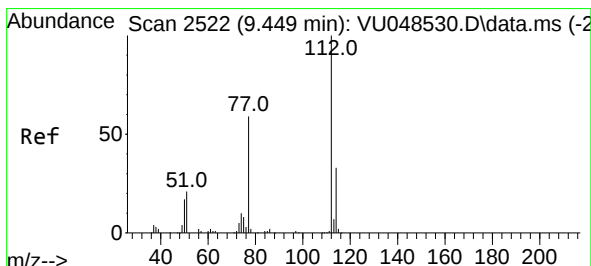
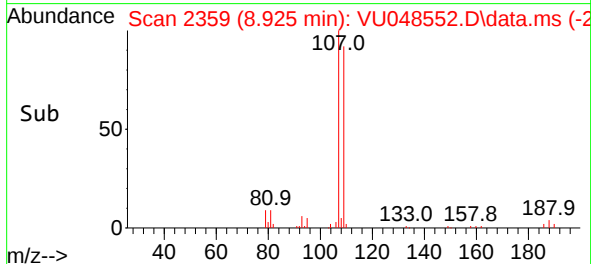
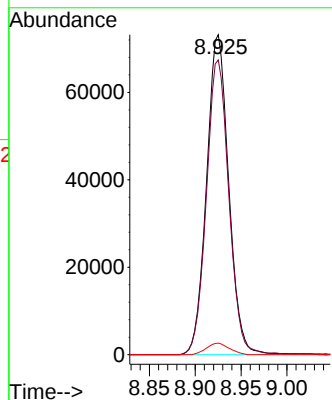
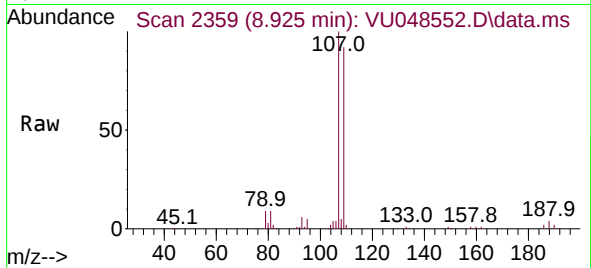




#50
1,2-Dibromoethane
Concen: 47.498 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

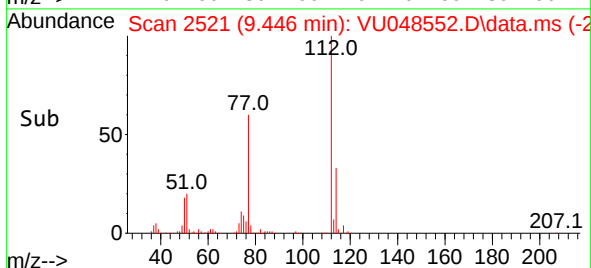
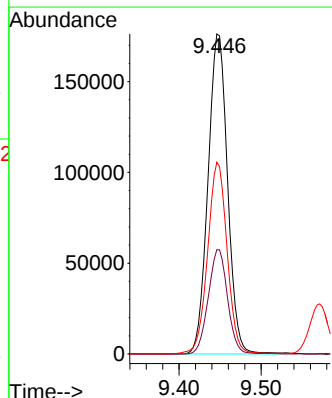
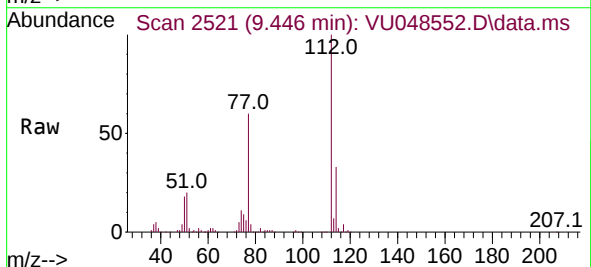
Instrument :
MSVOA_U
ClientSampleId :

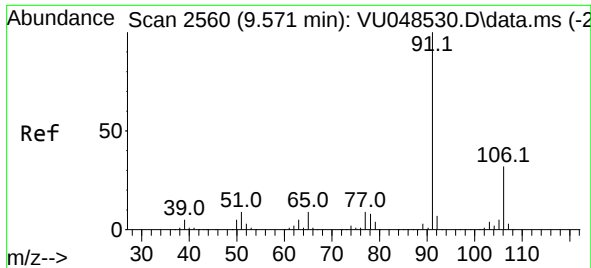
Tgt Ion:107 Resp: 122859
Ion Ratio Lower Upper
107 100
109 92.1 65.7 122.1
188 3.6 2.9 4.3



#51
Chlorobenzene
Concen: 46.353 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.003 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Tgt Ion:112 Resp: 292234
Ion Ratio Lower Upper
112 100
114 32.6 23.0 42.6
77 59.9 48.4 72.6

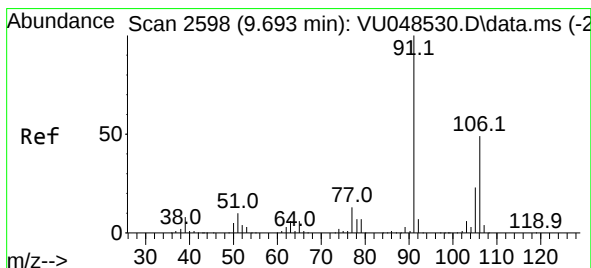
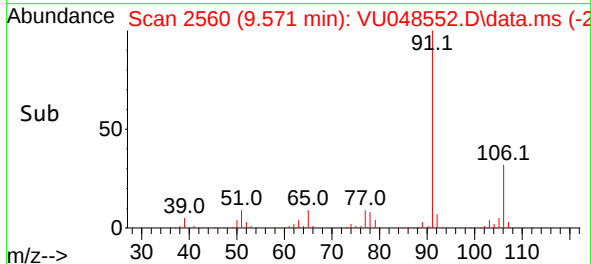
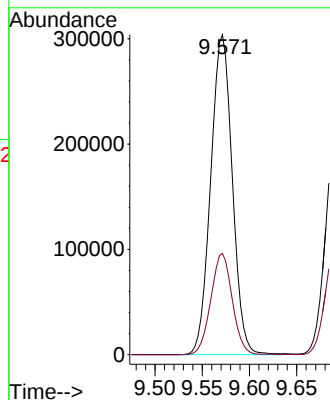
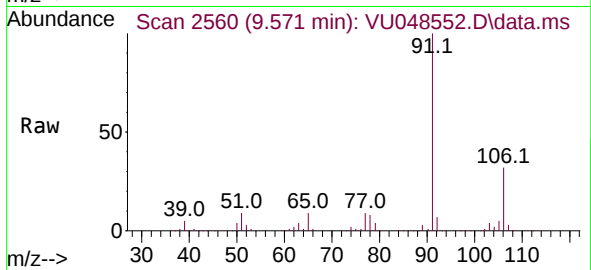




#52
Ethylbenzene
Concen: 46.308 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

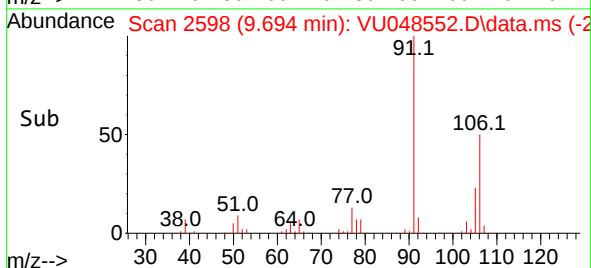
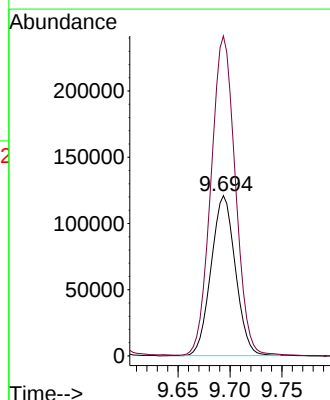
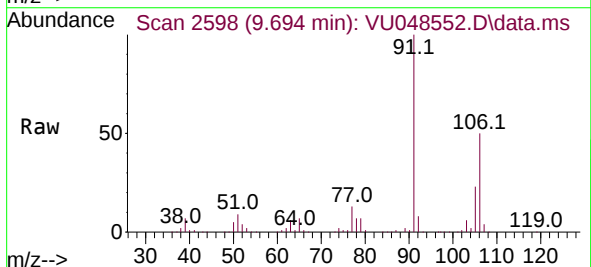
Instrument :
MSVOA_U
ClientSampleId :

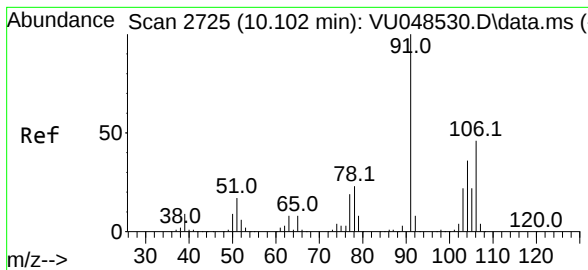
Tgt Ion: 91 Resp: 482663
Ion Ratio Lower Upper
91 100
106 31.7 21.7 40.3



#53
m,p-Xylene
Concen: 48.892 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Tgt Ion: 106 Resp: 196702
Ion Ratio Lower Upper
106 100
91 199.6 144.1 267.7

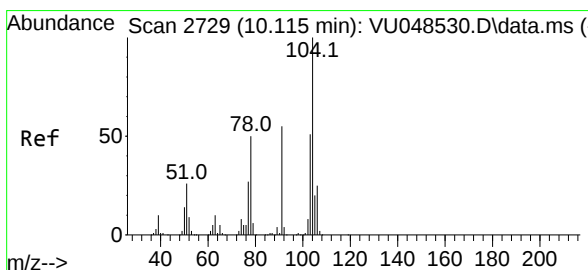
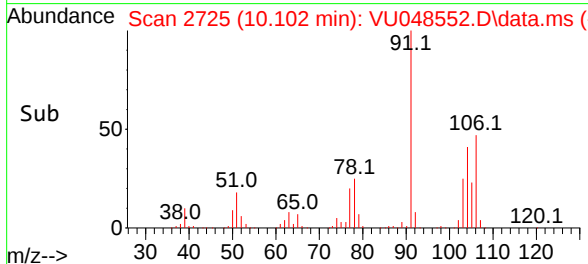
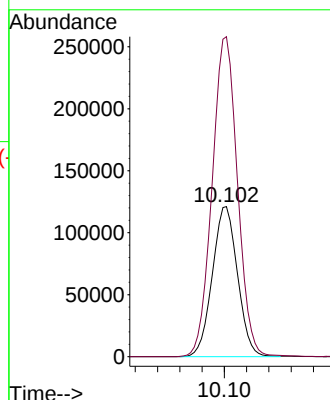
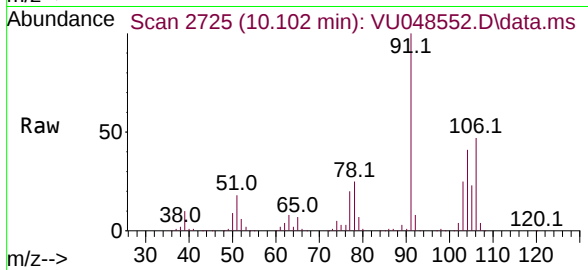




#54
o-Xylene
Concen: 46.926 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

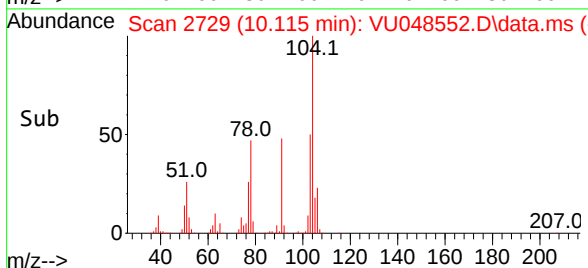
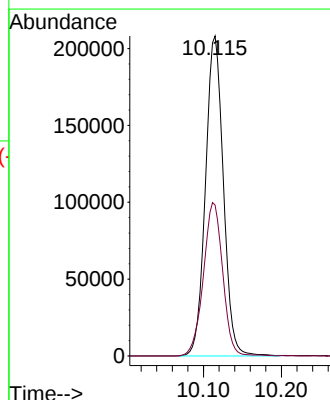
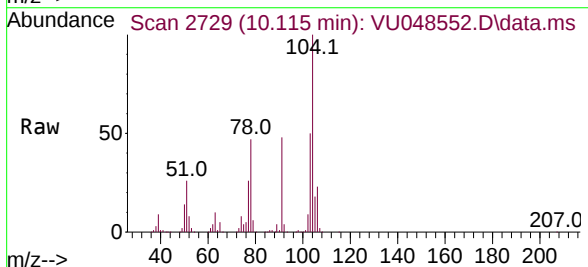
Instrument :
MSVOA_U
ClientSampleId :

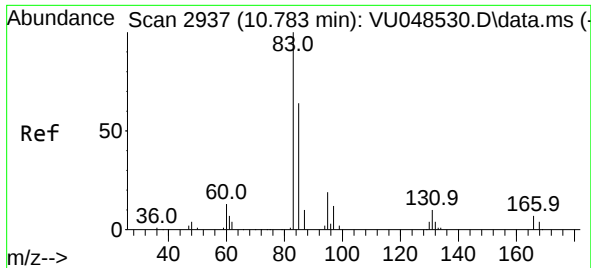
Tgt Ion:106 Resp: 189940
Ion Ratio Lower Upper
106 100
91 213.3 148.8 276.4



#55
Styrene
Concen: 50.470 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Tgt Ion:104 Resp: 332145
Ion Ratio Lower Upper
104 100
78 47.1 33.4 62.0

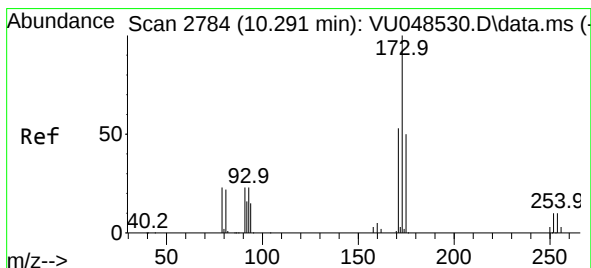
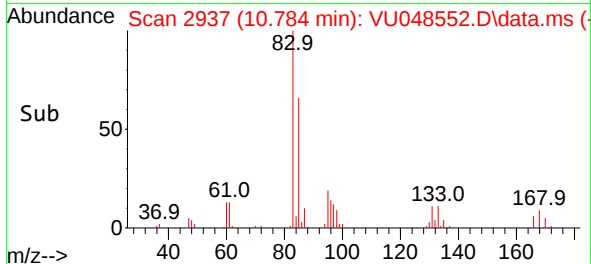
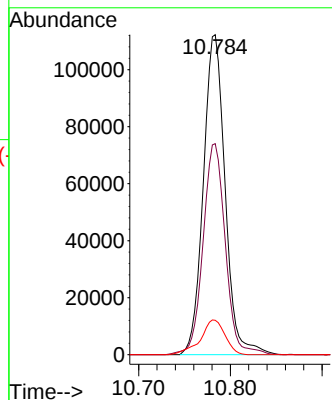
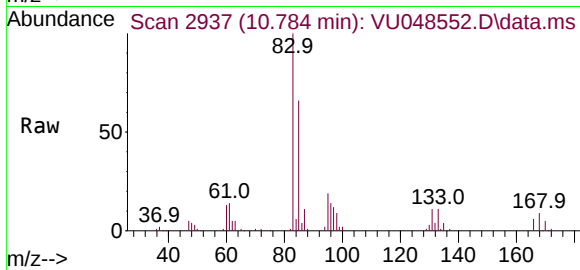




#57
1,1,2-Tetrachloroethane
Concen: 40.462 ug/L
RT: 10.784 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

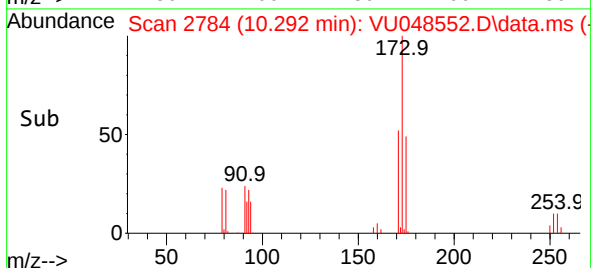
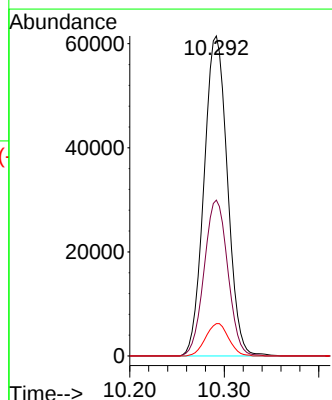
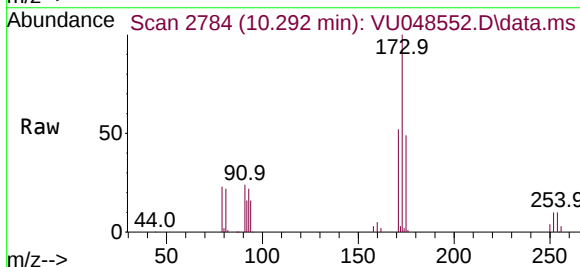
Instrument :
MSVOA_U
ClientSampleId :

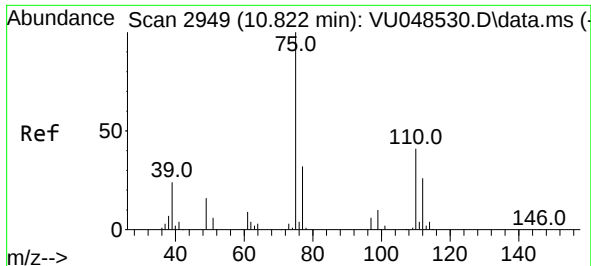
Tgt Ion: 83 Resp: 185567
Ion Ratio Lower Upper
83 100
85 66.0 45.4 84.4
131 10.7 7.4 11.0



#59
Bromoform
Concen: 45.090 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Tgt Ion:173 Resp: 105683
Ion Ratio Lower Upper
173 100
175 49.3 39.1 58.7
254 9.9 7.3 10.9

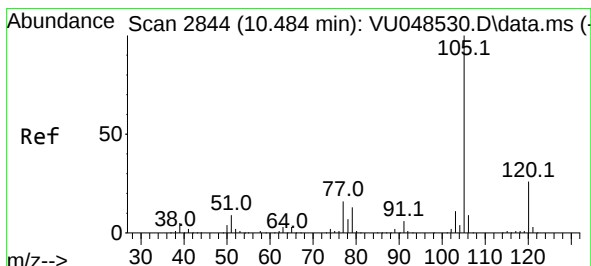
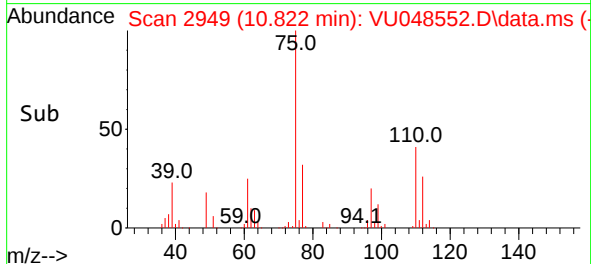
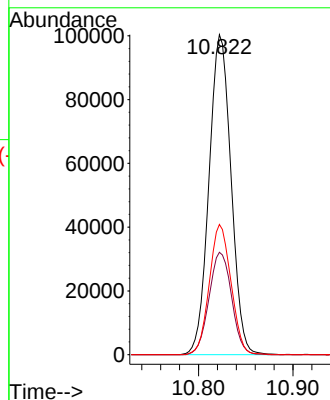
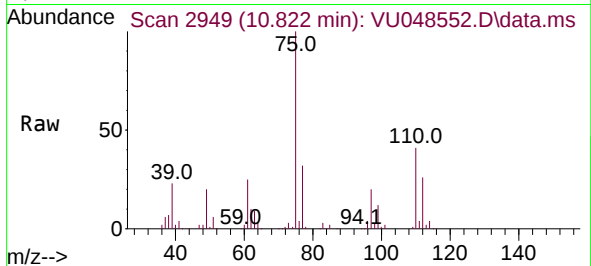




#60
1,2,3-Trichloropropane
Concen: 37.668 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

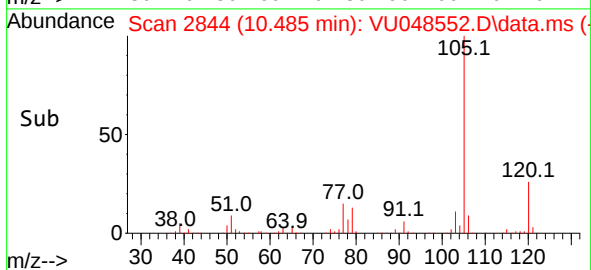
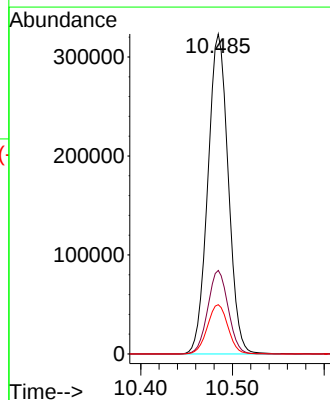
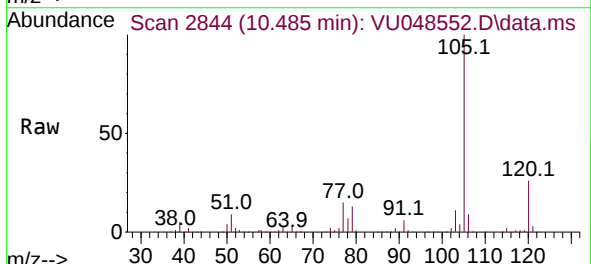
Instrument :
MSVOA_U
ClientSampleId :

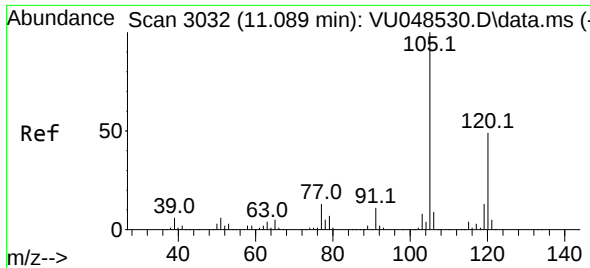
Tgt Ion: 75 Resp: 162498
Ion Ratio Lower Upper
75 100
77 32.9 25.5 38.3
110 40.0 28.9 43.3



#61
Isopropylbenzene
Concen: 43.160 ug/L
RT: 10.485 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Tgt Ion: 105 Resp: 499816
Ion Ratio Lower Upper
105 100
120 26.1 21.0 31.4
77 15.5 12.5 18.7

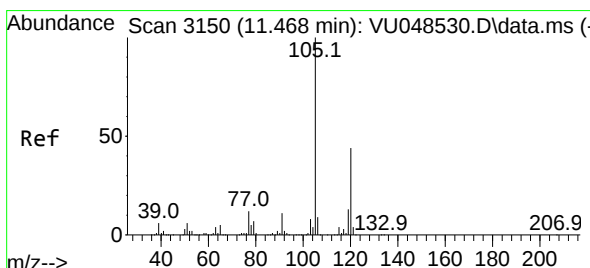
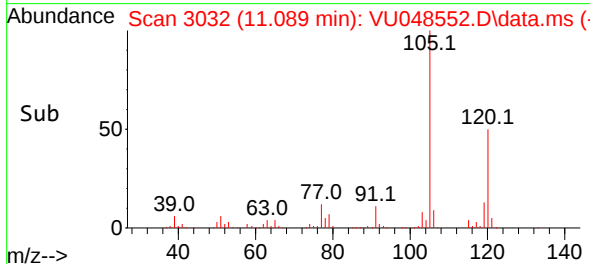
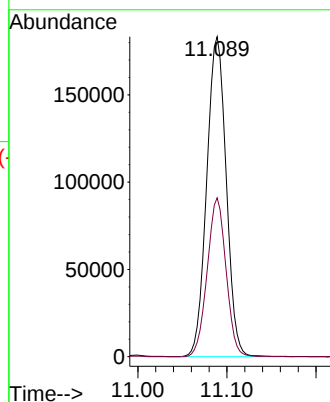
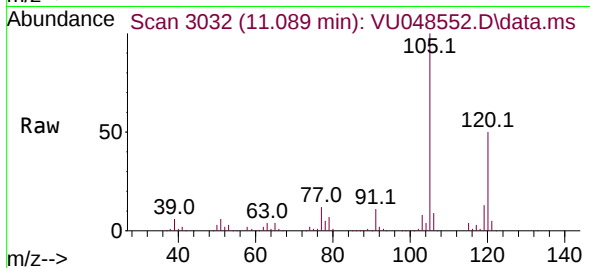




#62
1,3,5-Trimethylbenzene
Concen: 43.554 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

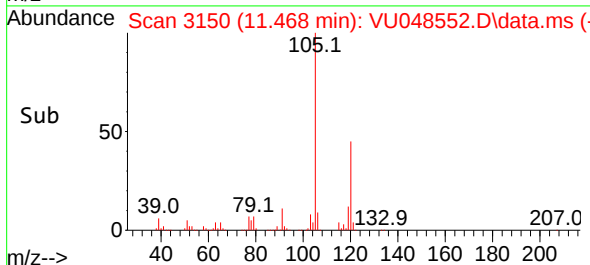
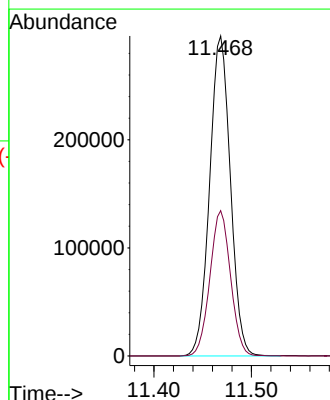
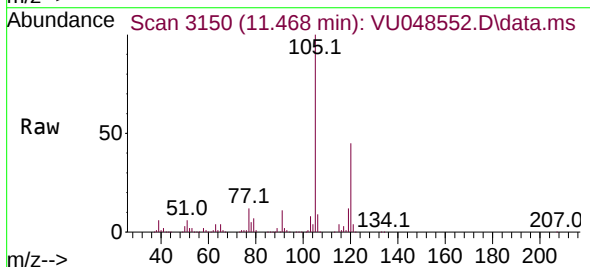
Instrument :
MSVOA_U
ClientSampleId :

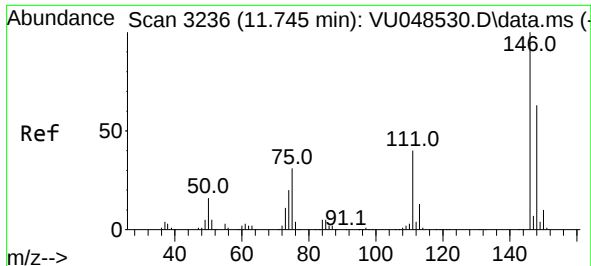
Tgt Ion:105 Resp: 278038
Ion Ratio Lower Upper
105 100
120 48.0 38.5 57.7



#63
1,2,4-Trimethylbenzene
Concen: 46.068 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Tgt Ion:105 Resp: 437975
Ion Ratio Lower Upper
105 100
120 45.1 35.4 53.2

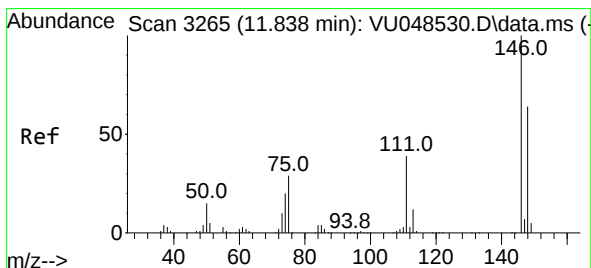
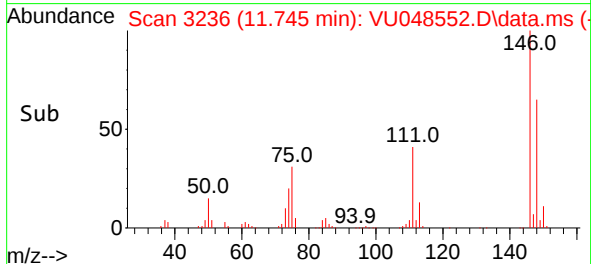
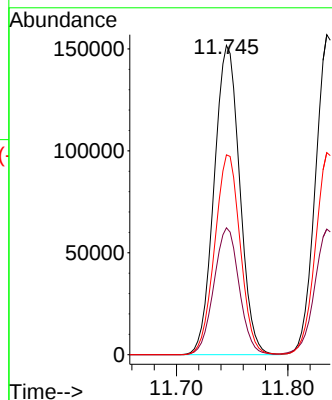
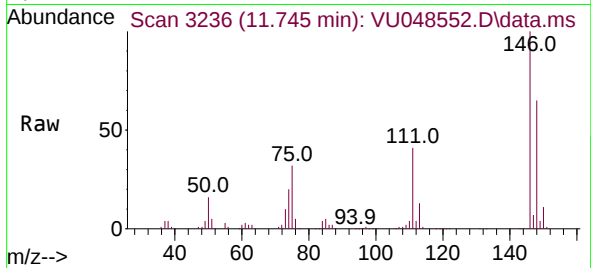




#64
1,3-Dichlorobenzene
Concen: 44.330 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

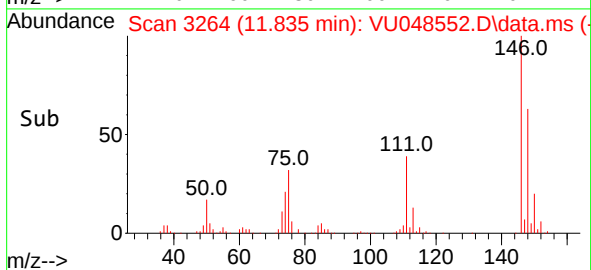
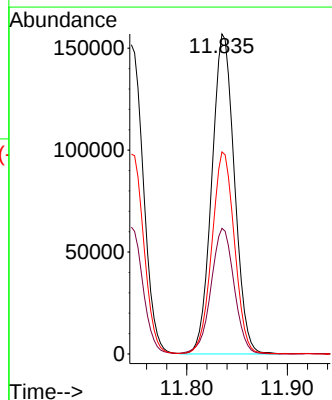
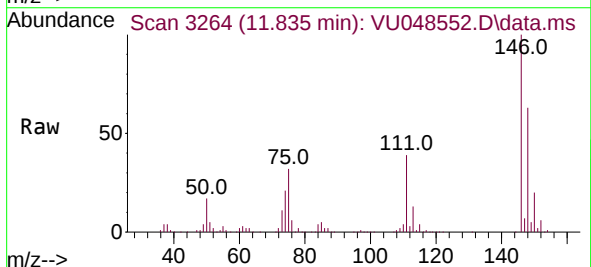
Instrument :
MSVOA_U
ClientSampleId :

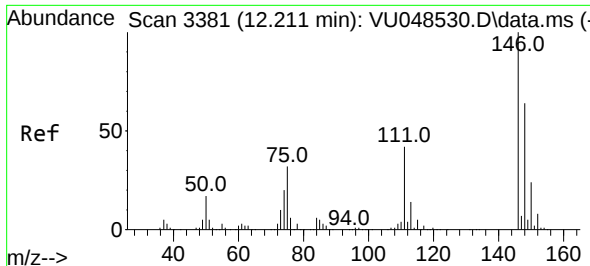
Tgt Ion:146 Resp: 242121
Ion Ratio Lower Upper
146 100
111 41.0 28.3 52.7
148 64.6 44.7 83.1



#65
1,4-Dichlorobenzene
Concen: 44.895 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Tgt Ion:146 Resp: 245844
Ion Ratio Lower Upper
146 100
111 39.3 28.4 52.8
148 63.1 43.4 80.6





#67

1,2-Dichlorobenzene

Concen: 43.892 ug/L

RT: 12.211 min Scan# 3381

Delta R.T. 0.000 min

Lab File: VU048552.D

Acq: 12 May 2022 19:21

Instrument :

MSVOA_U

ClientSampleId :

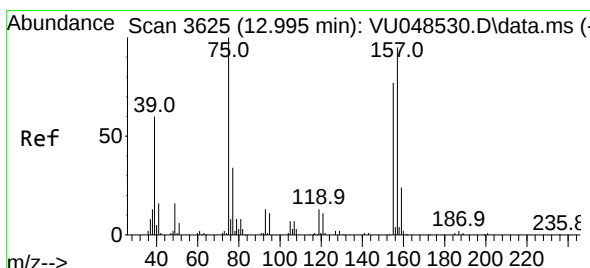
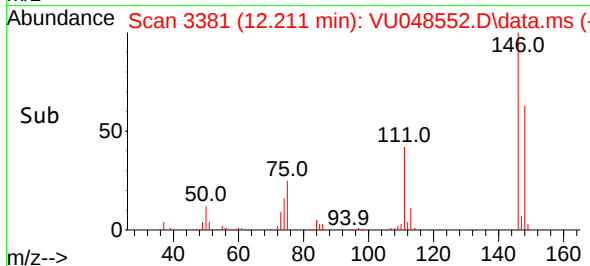
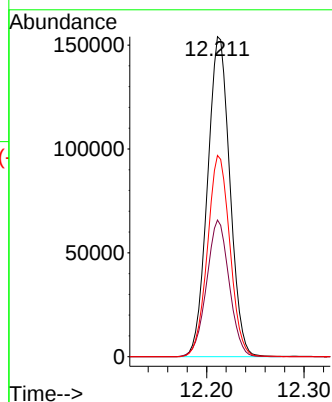
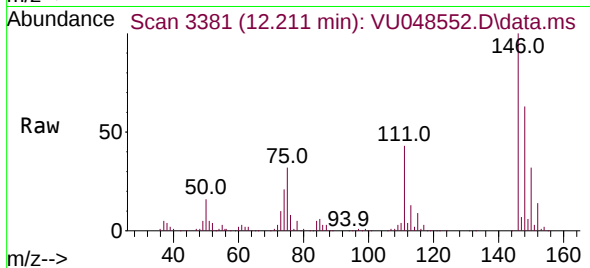
Tgt Ion:146 Resp: 245326

Ion Ratio Lower Upper

146 100

111 42.7 34.9 52.3

148 62.9 50.8 76.2



#68

1,2-Dibromo-3-chloropropane

Concen: 46.168 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.000 min

Lab File: VU048552.D

Acq: 12 May 2022 19:21

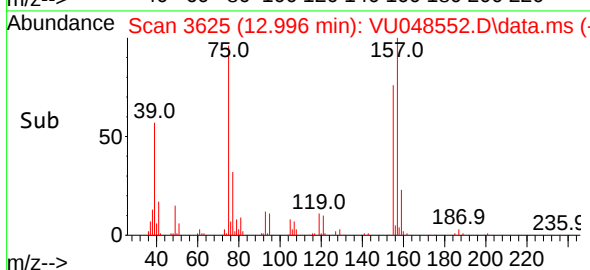
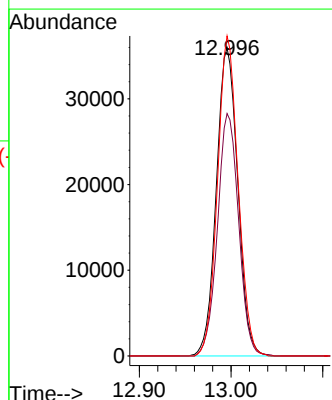
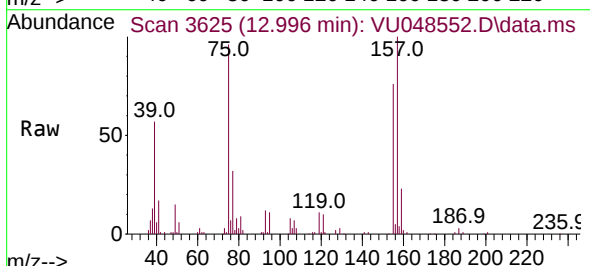
Tgt Ion: 75 Resp: 58375

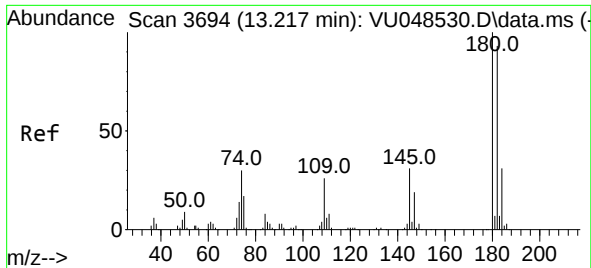
Ion Ratio Lower Upper

75 100

155 78.7 63.4 95.0

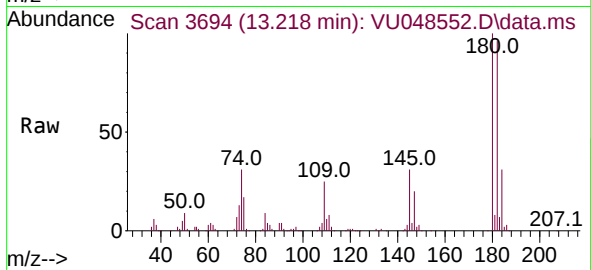
157 103.9 82.2 123.2



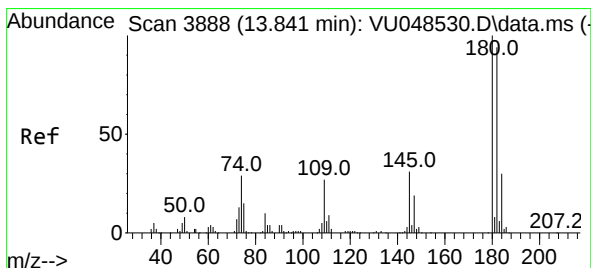
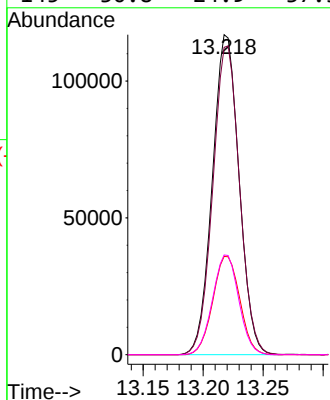
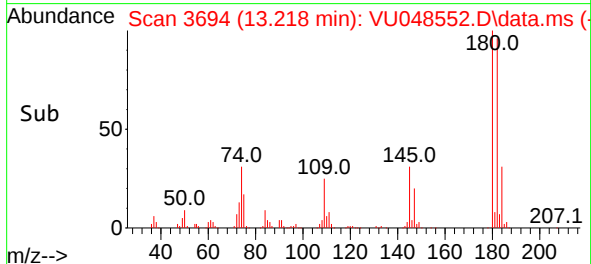


#69
 1,3,5-Trichlorobenzene
 Concen: 46.765 ug/L
 RT: 13.218 min Scan# 3694
 Delta R.T. 0.000 min
 Lab File: VU048552.D
 Acq: 12 May 2022 19:21

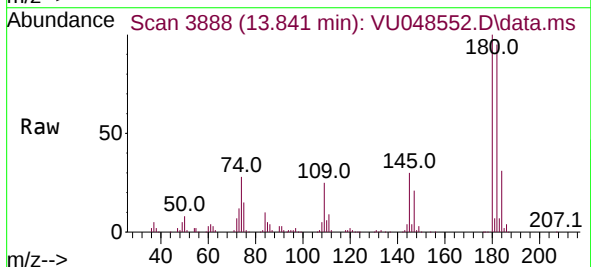
Instrument :
 MSVOA_U
 ClientSampleId :



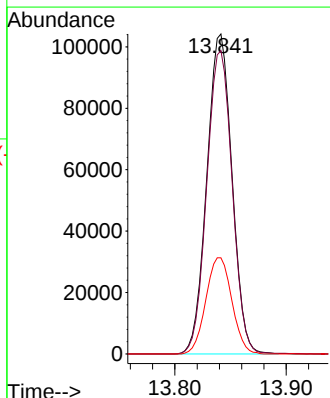
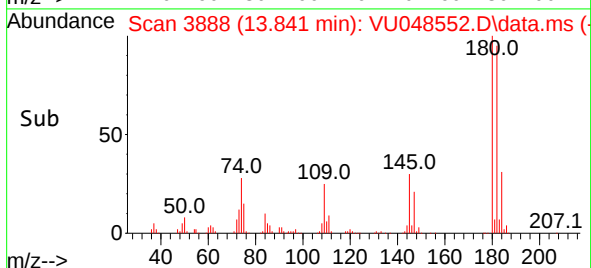
Tgt Ion:180 Resp: 180595
 Ion Ratio Lower Upper
 180 100
 182 96.6 75.7 113.5
 184 31.0 23.8 35.8
 145 30.8 24.9 37.3

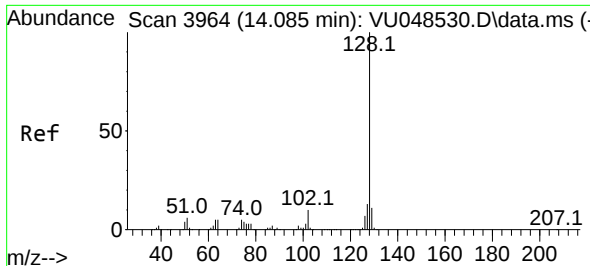


#70
 1,2,4-trichlorobenzene
 Concen: 48.900 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU048552.D
 Acq: 12 May 2022 19:21



Tgt Ion:180 Resp: 163994
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.1 115.7
 145 30.9 24.9 37.3

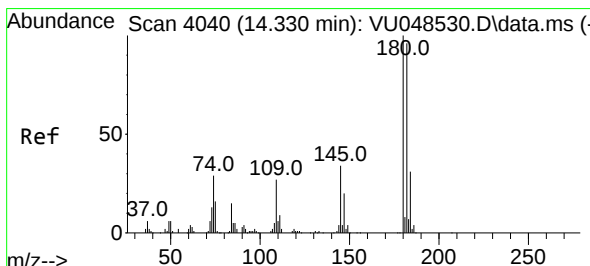
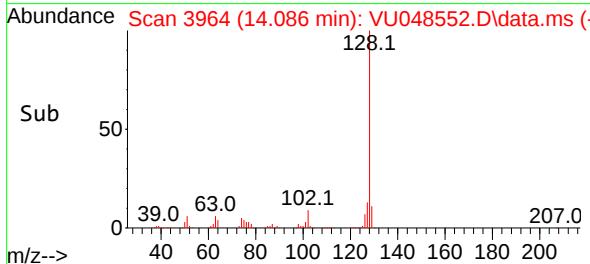
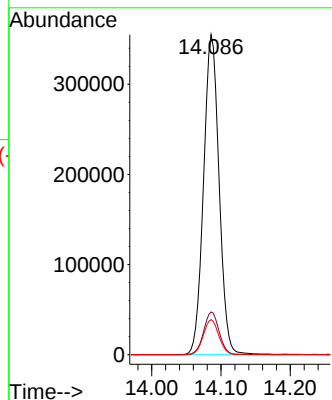
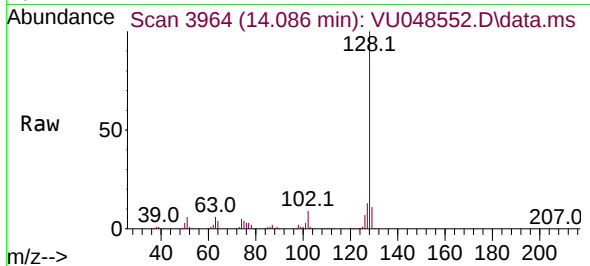




#71
Naphthalene
Concen: 42.715 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 551662
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 48.245 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU048552.D
Acq: 12 May 2022 19:21

Tgt Ion:180 Resp: 172082
Ion Ratio Lower Upper
180 100
182 96.3 75.4 113.2
145 33.0 26.4 39.6

