

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
 Data File : VU046590.D
 Acq On : 24 Dec 2021 01:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 24 05:01:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 24 04:54:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	84247	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	83570	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	44653	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	21685	3.268	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.400%
7) Chloroethane-d5	1.919	69	18967	3.630	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.600%
11) 1,1-Dichloroethene-d2	2.572	65	9604	3.432	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.600%
20) 2-Butanone-d5	4.655	46	98165	50.999	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.000%
24) Chloroform-d	5.070	84	51502	4.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	5.706	65	29309	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.400%
32) Benzene-d6	5.732	84	87782	3.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.400%
36) 1,2-Dichloropropane-d6	6.694	67	28300	4.043	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.800%
41) Toluene-d8	7.899	98	78227	3.700	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.000%
43) trans-1,3-Dichloroprop...	8.179	79	13107	4.048	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.636	63	95073	50.016	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32324	4.499	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.195	152	33152	4.031	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	64062	4.969	ug/L	100
3) Chloromethane	1.523	50	49713	4.478	ug/L	97
5) Vinyl chloride	1.607	62	50233	4.596	ug/L	99
6) Bromomethane	1.864	94	29745	4.521	ug/L	100
8) Chloroethane	1.941	64	28715	4.475	ug/L	98
9) Trichlorofluoromethane	2.144	101	71628	5.010	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37198	5.111	ug/L	96
12) 1,1-Dichloroethene	2.584	96	36157	4.879	ug/L #	72
13) Acetone	2.681	43	81049	44.911	ug/L	67
14) Carbon disulfide	2.800	76	107548	4.443	ug/L	99
15) Methyl Acetate	2.970	43	17615	4.832	ug/L	95
16) Methylene chloride	3.051	84	42065	4.665	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	105535	4.882	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	38040	4.812	ug/L	94
19) 1,1-Dichloroethane	3.877	63	66565	4.570	ug/L	99
21) 2-Butanone	4.735	43	132893	48.537	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	41819	4.839	ug/L	97
23) Bromochloromethane	4.980	128	19772	4.597	ug/L	94
25) Chloroform	5.092	83	74747	4.751	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
 Data File : VU046590.D
 Acq On : 24 Dec 2021 01:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

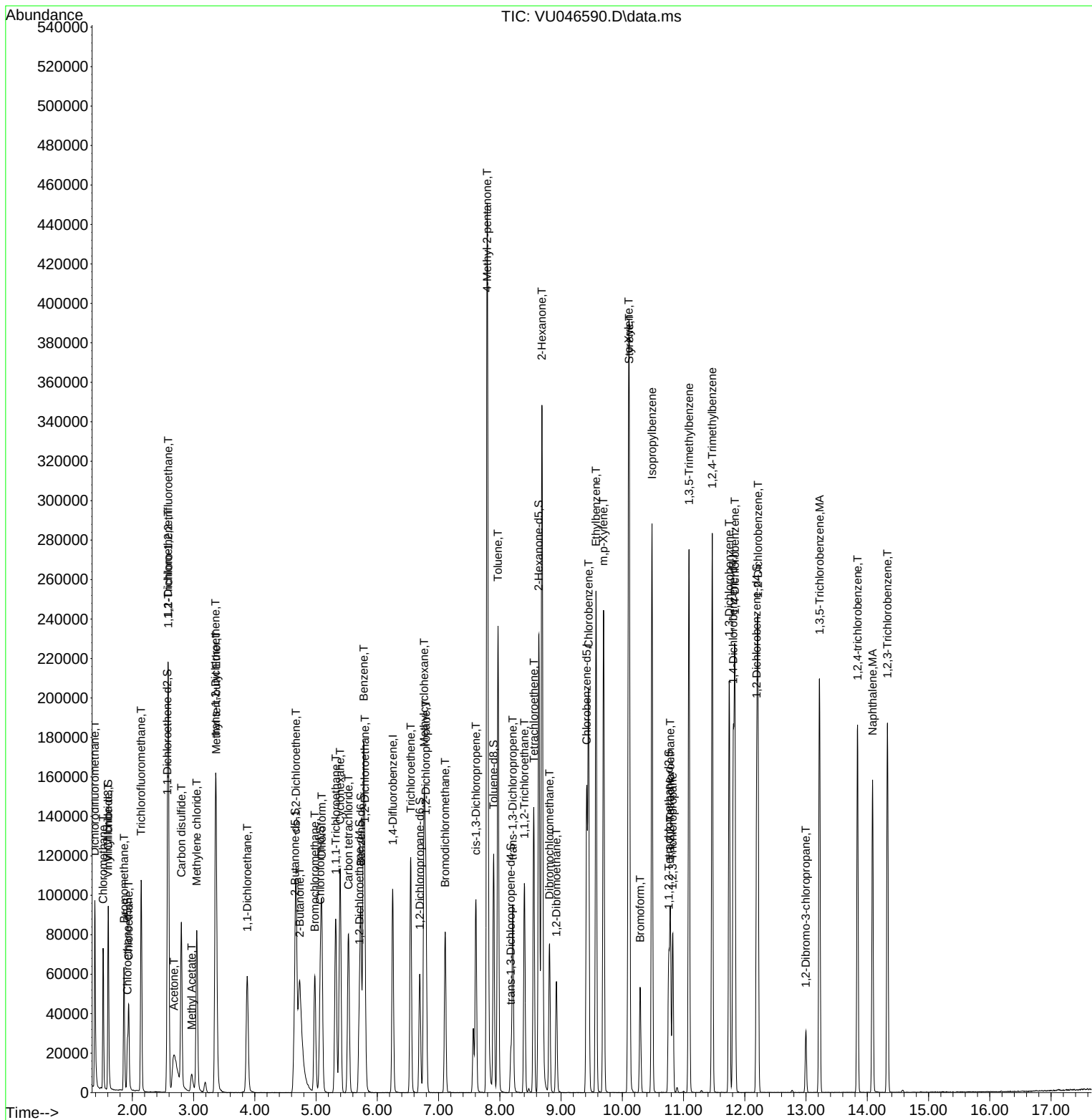
Instrument :
 MSVOA_U
 ClientSampleId :

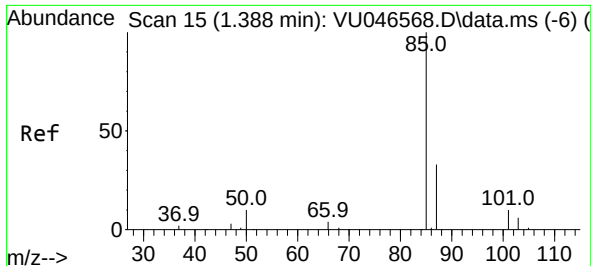
Quant Time: Dec 24 05:01:17 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 24 04:54:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	53380	4.753	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	67149	4.859	ug/L	97
30) Cyclohexane	5.395	56	56221	4.918	ug/L	94
31) Carbon tetrachloride	5.530	117	56745	4.894	ug/L	99
33) Benzene	5.777	78	154985	4.668	ug/L	100
34) Trichloroethene	6.546	95	41283	4.716	ug/L	98
35) Methylcyclohexane	6.764	83	60983	4.941	ug/L	97
37) 1,2-Dichloropropane	6.793	63	40472	4.778	ug/L	99
38) Bromodichloromethane	7.108	83	54544	4.652	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	58678	4.577	ug/L	97
40) 4-Methyl-2-pentanone	7.793	43	300827	47.315	ug/L	96
42) Toluene	7.970	91	168369	4.940	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	55260	4.651	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	33736	4.619	ug/L	95
47) Tetrachloroethene	8.555	164	30358	4.901	ug/L	98
48) 2-Hexanone	8.687	43	225238	47.437	ug/L	97
49) Dibromochloromethane	8.812	129	39445	4.682	ug/L	99
50) 1,2-Dibromoethane	8.925	107	32863	4.661	ug/L	95
51) Chlorobenzene	9.449	112	107493	4.934	ug/L	98
52) Ethylbenzene	9.571	91	178299	5.054	ug/L	100
53) m,p-Xylene	9.693	106	69935	5.175	ug/L	96
54) o-Xylene	10.102	106	67796	5.220	ug/L	95
55) Styrene	10.115	104	118808	5.274	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	45297	4.746	ug/L	96
59) Bromoform	10.291	173	23214	4.500	ug/L #	98
60) Isopropylbenzene	10.484	105	182465	5.299	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	33818	4.560	ug/L	96
62) 1,3,5-Trimethylbenzene	11.089	105	151002	5.272	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	155667	5.397	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	85876	5.130	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	85362	4.981	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	82286	4.901	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	7953	4.633	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	64573	5.097	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	55766	5.197	ug/L	100
71) Naphthalene	14.086	128	123047	5.163	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	55779	5.250	ug/L	99

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

Quant Time: Dec 24 05:01:17 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 24 04:54:59 2021
Response via : Initial Calibration

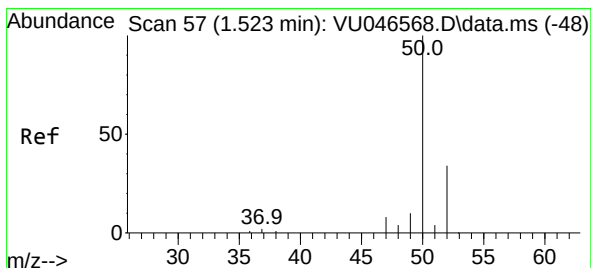
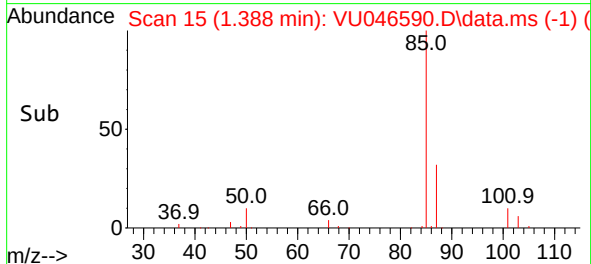
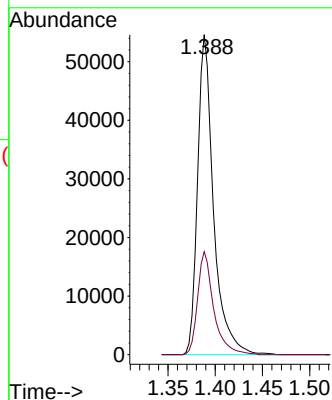
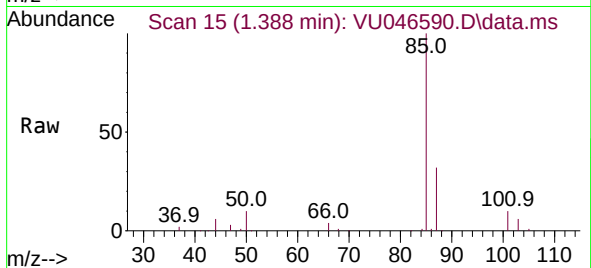




#2
Dichlorodifluoromethane
Concen: 4.969 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

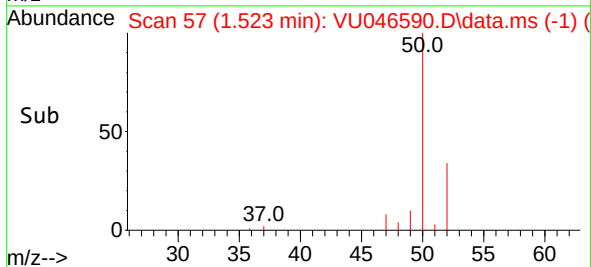
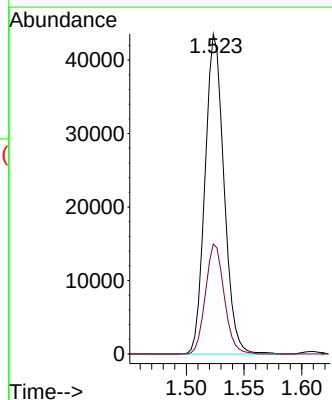
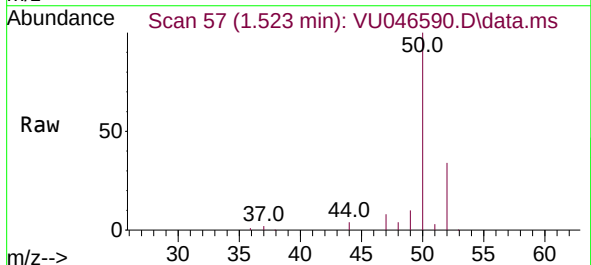
Instrument :
MSVOA_U
ClientSampleId :

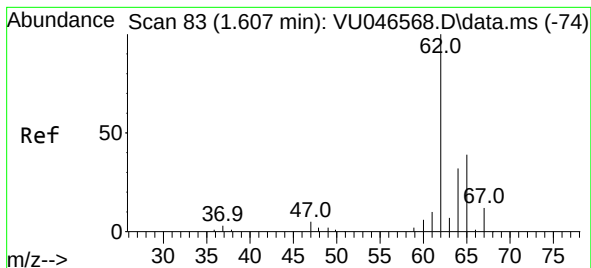
Tgt Ion: 85 Resp: 64062
Ion Ratio Lower Upper
85 100
87 32.4 25.8 38.6



#3
Chloromethane
Concen: 4.478 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

Tgt Ion: 50 Resp: 49713
Ion Ratio Lower Upper
50 100
52 34.3 23.0 42.8





#5

Vinyl chloride

Concen: 4.596 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

Instrument :

MSVOA_U

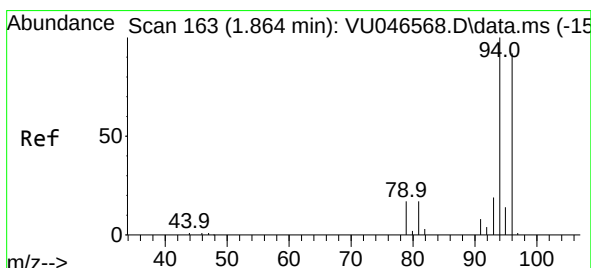
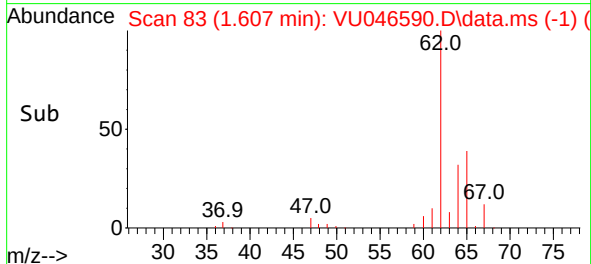
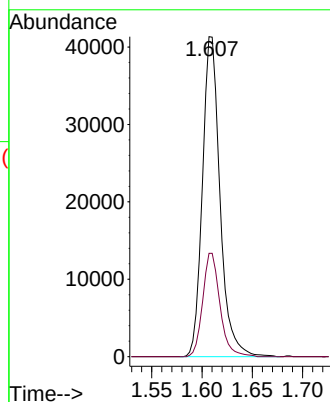
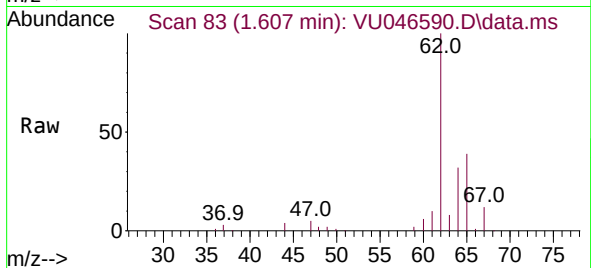
ClientSampleId :

Tgt Ion: 62 Resp: 50233

Ion Ratio Lower Upper

62 100

64 32.3 22.9 42.5



#6

Bromomethane

Concen: 4.521 ug/L

RT: 1.864 min Scan# 163

Delta R.T. 0.000 min

Lab File: VU046590.D

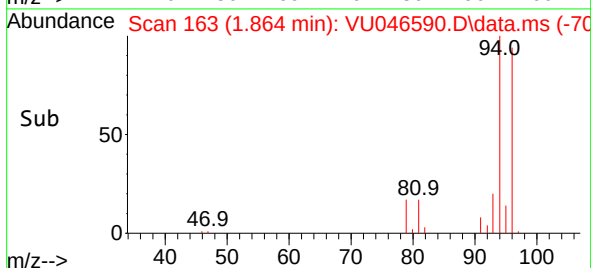
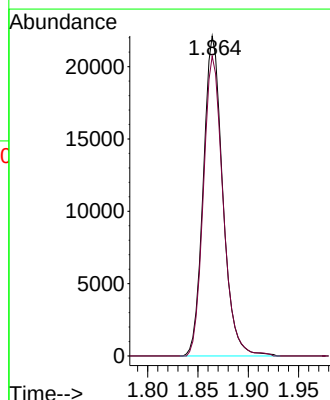
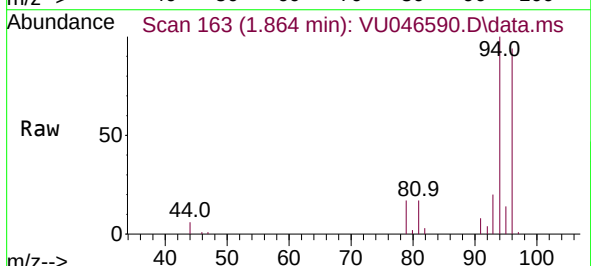
Acq: 24 Dec 2021 01:01

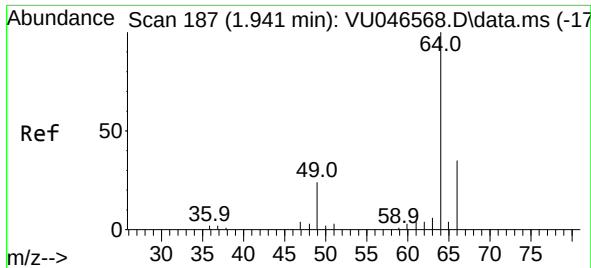
Tgt Ion: 94 Resp: 29745

Ion Ratio Lower Upper

94 100

96 93.7 65.5 121.6

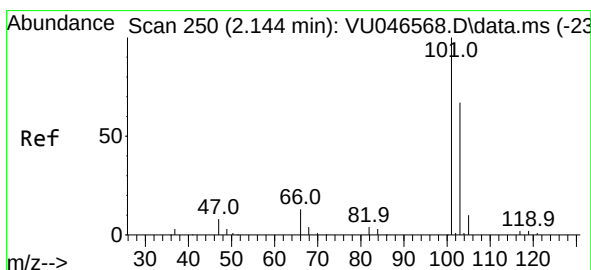
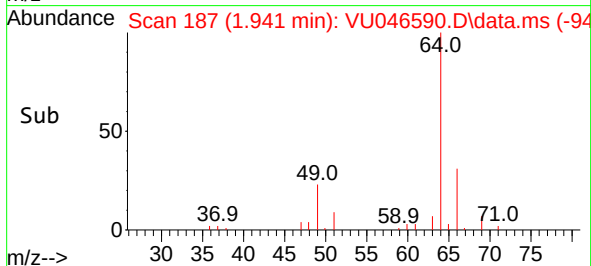
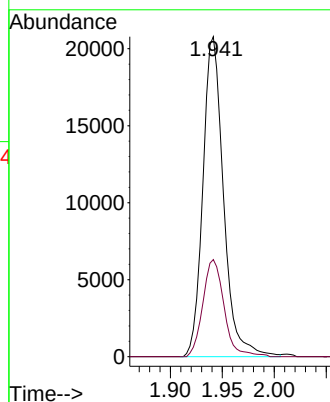
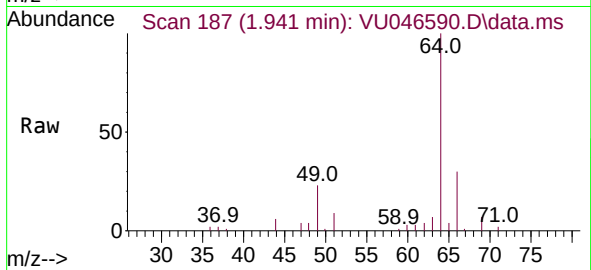




#8
Chloroethane
Concen: 4.475 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

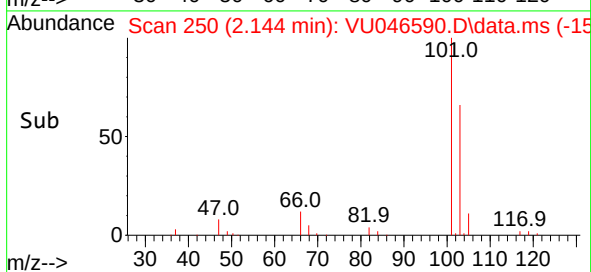
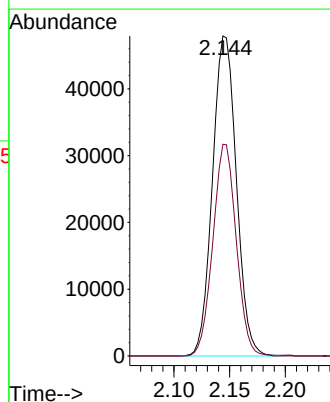
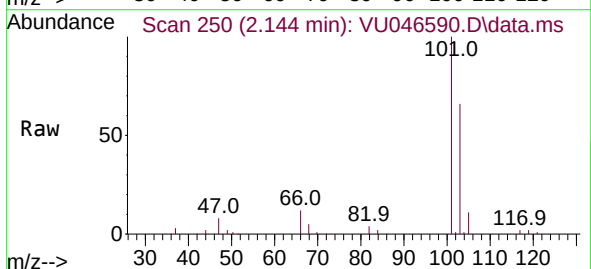
Instrument :
MSVOA_U
ClientSampleId :

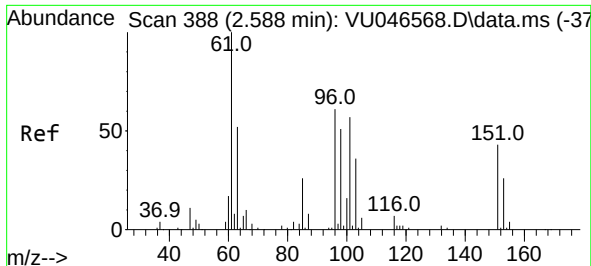
Tgt Ion: 64 Resp: 28715
Ion Ratio Lower Upper
64 100
66 30.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.010 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

Tgt Ion:101 Resp: 71628
Ion Ratio Lower Upper
101 100
103 64.6 51.5 77.3

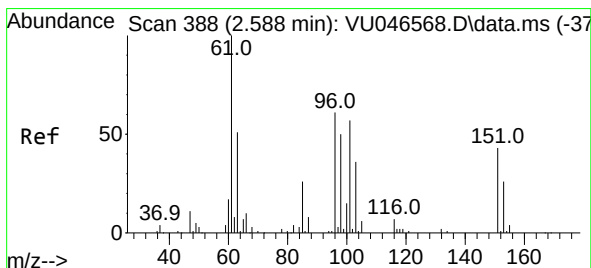
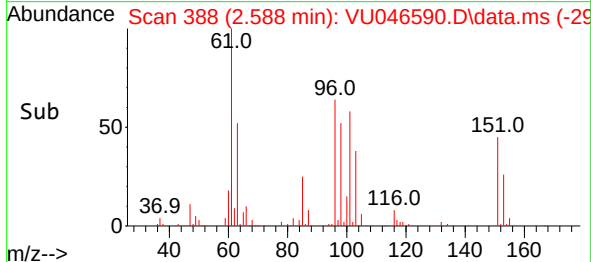
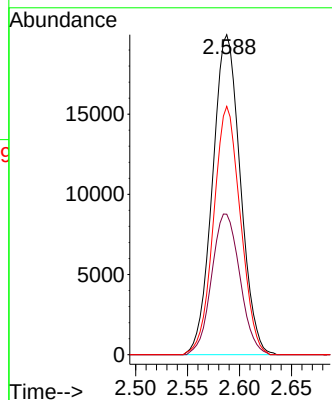
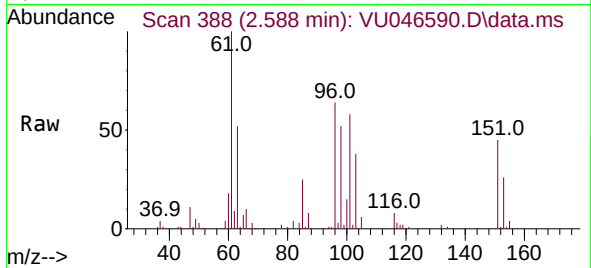




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.111 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.000 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

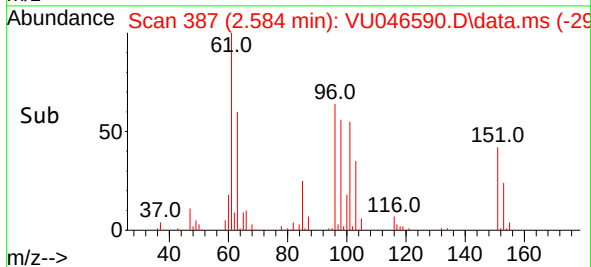
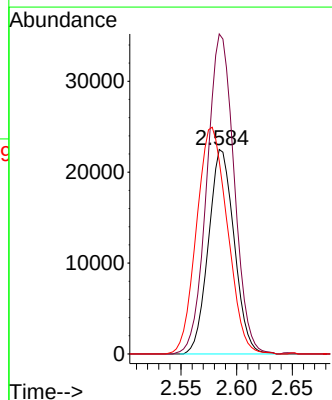
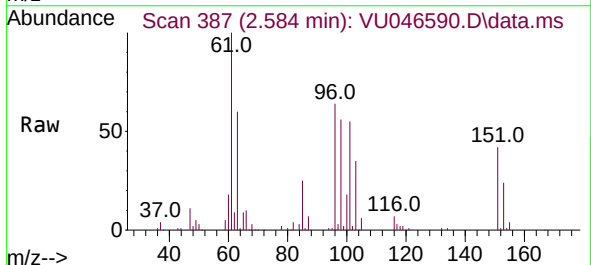
Instrument :
MSVOA_U
ClientSampleId :

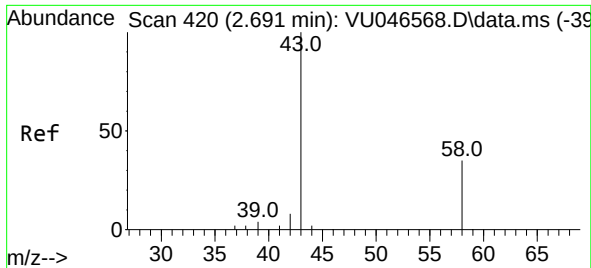
Tgt Ion:101 Resp: 37198
Ion Ratio Lower Upper
101 100
85 44.5 34.6 51.8
151 75.0 56.1 84.1



#12
1,1-Dichloroethene
Concen: 4.879 ug/L
RT: 2.584 min Scan# 387
Delta R.T. -0.003 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

Tgt Ion: 96 Resp: 36157
Ion Ratio Lower Upper
96 100
61 156.5 124.7 231.5
63 94.3 105.2 195.4#





#13

Acetone

Concen: 44.911 ug/L

RT: 2.681 min Scan# 417

Delta R.T. -0.013 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

Instrument :

MSVOA_U

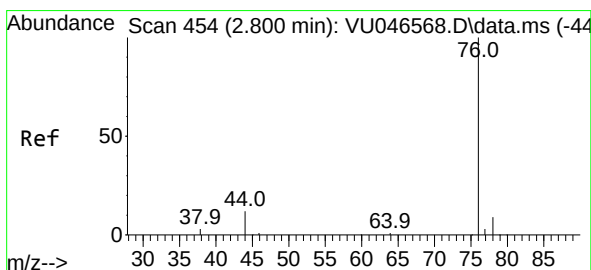
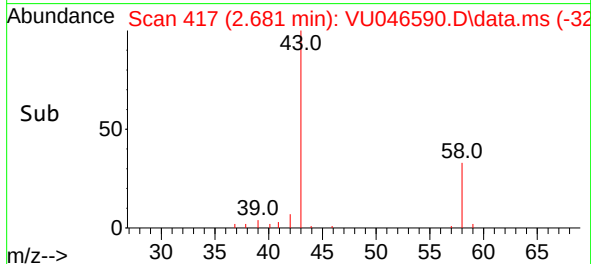
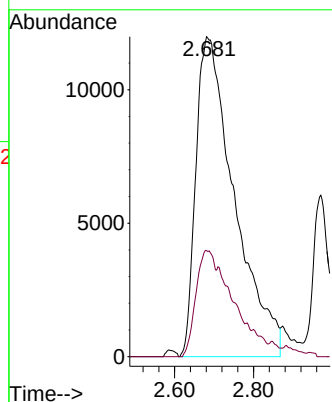
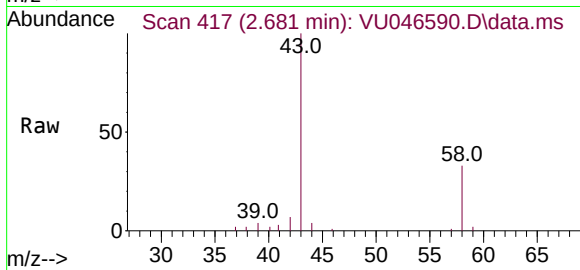
ClientSampleId :

Tgt Ion: 43 Resp: 81049

Ion Ratio Lower Upper

43 100

58 16.5 0.0 71.6



#14

Carbon disulfide

Concen: 4.443 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU046590.D

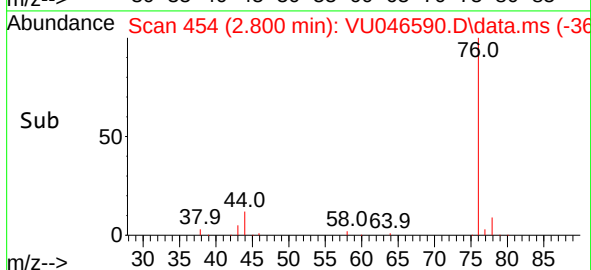
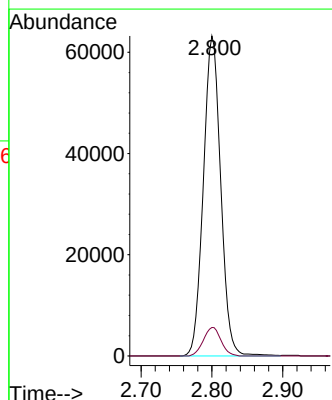
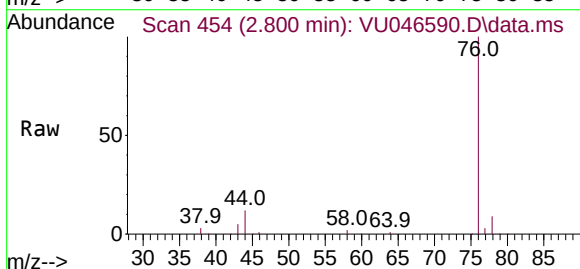
Acq: 24 Dec 2021 01:01

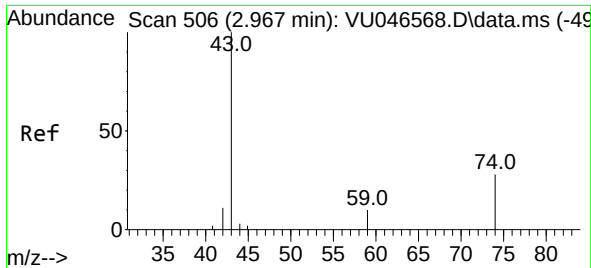
Tgt Ion: 76 Resp: 107548

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3

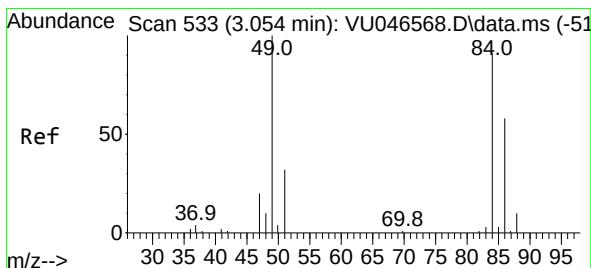
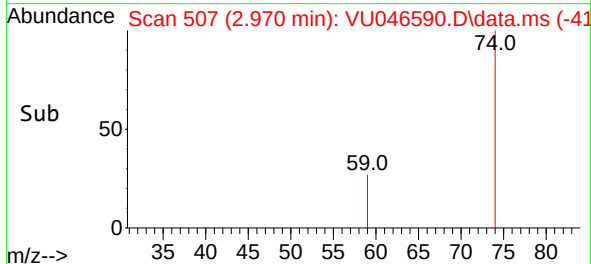
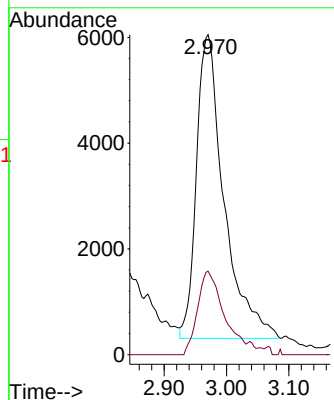
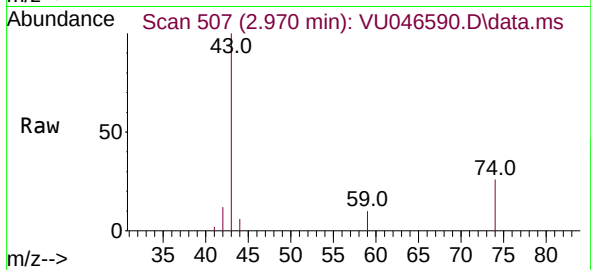




#15
Methyl Acetate
Concen: 4.832 ug/L
RT: 2.970 min Scan# 506
Delta R.T. 0.000 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

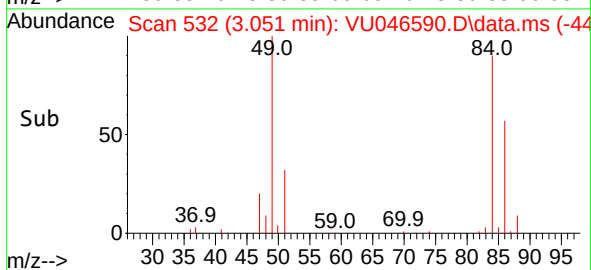
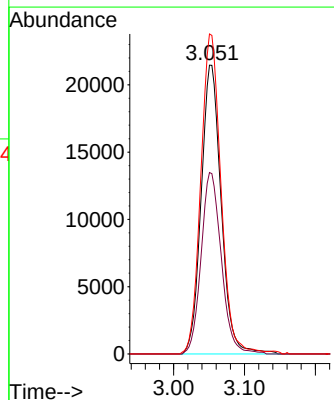
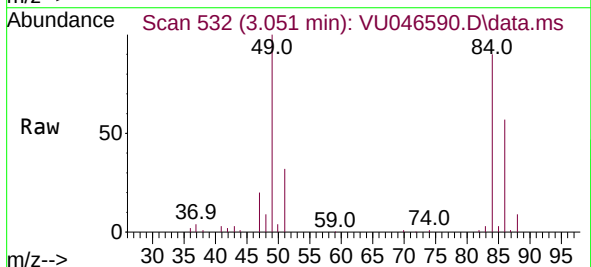
Instrument :
MSVOA_U
ClientSampleId :

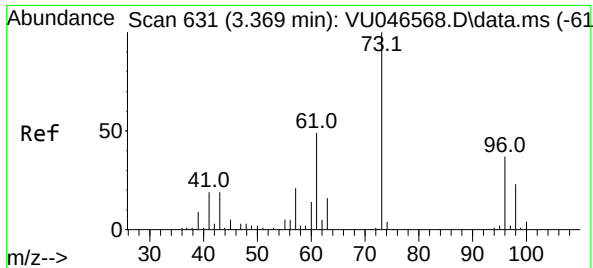
Tgt Ion: 43 Resp: 17615
Ion Ratio Lower Upper
43 100
74 26.2 19.1 28.7



#16
Methylene chloride
Concen: 4.665 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

Tgt Ion: 84 Resp: 42065
Ion Ratio Lower Upper
84 100
86 62.9 45.8 85.0
49 110.8 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 4.882 ug/L

RT: 3.369 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

Instrument :

MSVOA_U

ClientSampleId :

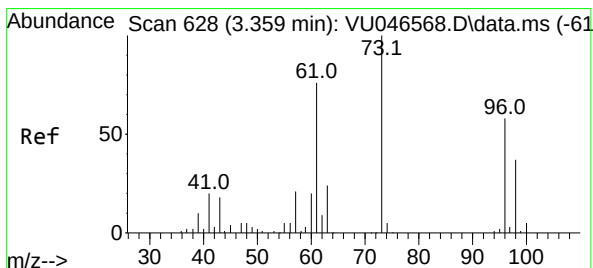
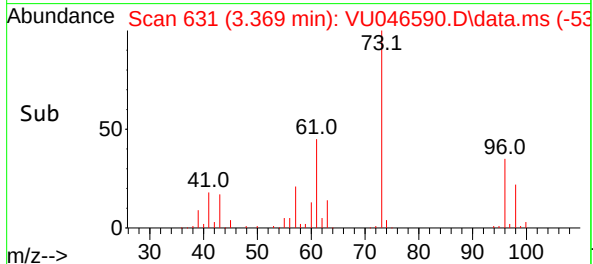
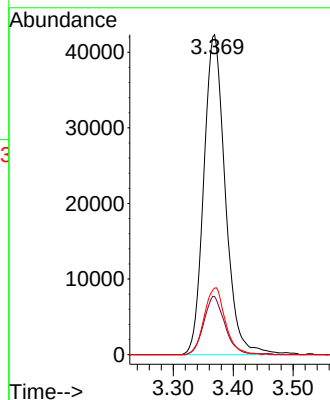
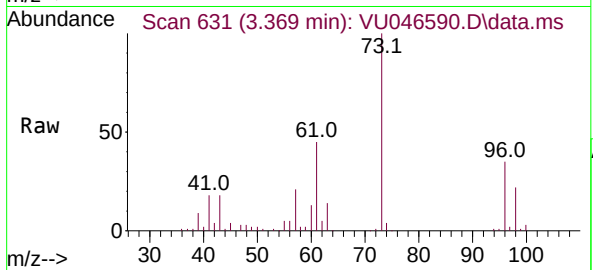
Tgt Ion: 73 Resp: 105535

Ion Ratio Lower Upper

73 100

43 18.0 14.8 22.2

57 20.6 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.812 ug/L

RT: 3.359 min Scan# 628

Delta R.T. 0.000 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

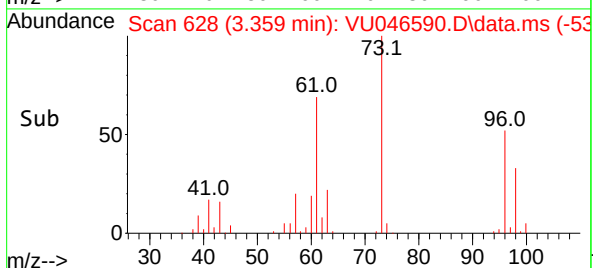
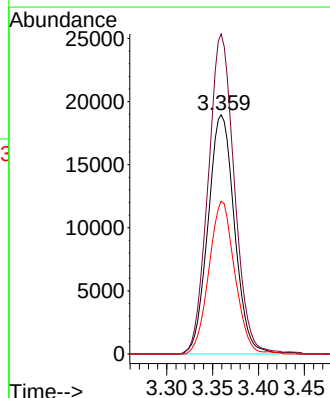
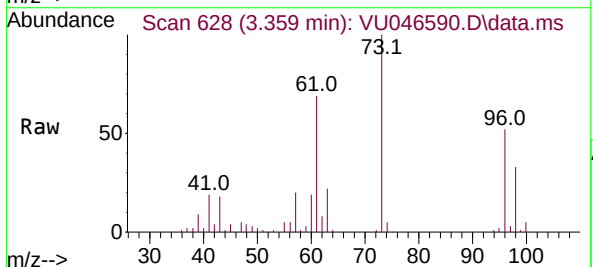
Tgt Ion: 96 Resp: 38040

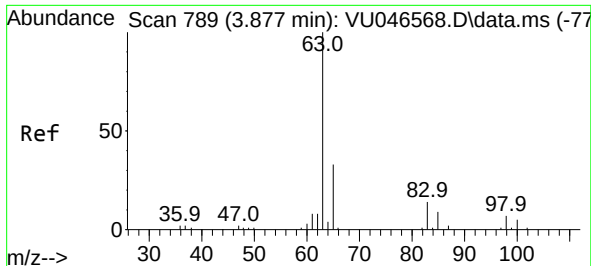
Ion Ratio Lower Upper

96 100

61 133.8 100.8 187.2

98 63.9 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.570 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU046590.D

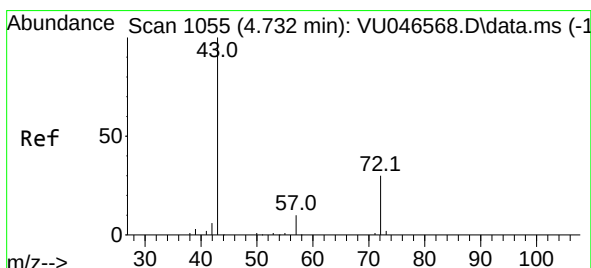
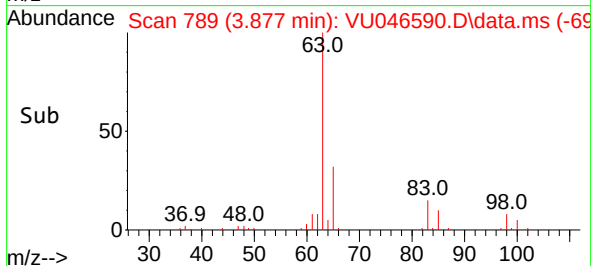
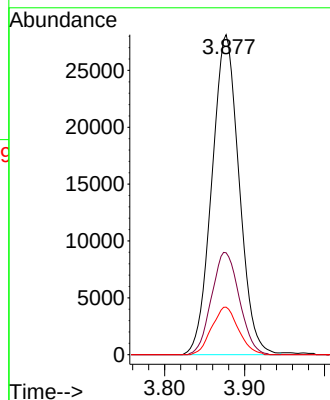
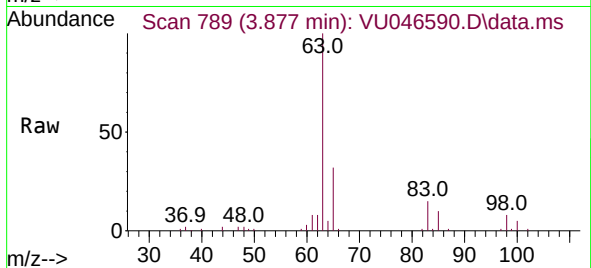
Acq: 24 Dec 2021 01:01

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	66565
Ion	Ratio	Lower	Upper
63	100		
65	31.8	22.3	41.5
83	14.9	9.6	17.8



#21

2-Butanone

Concen: 48.537 ug/L

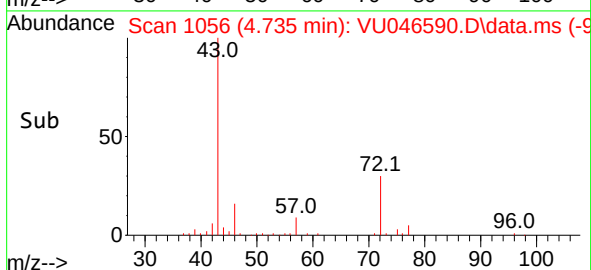
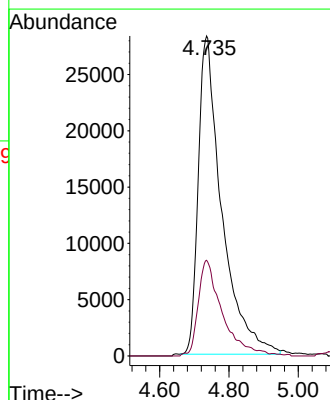
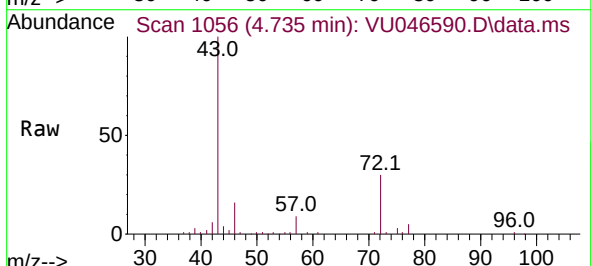
RT: 4.735 min Scan# 1056

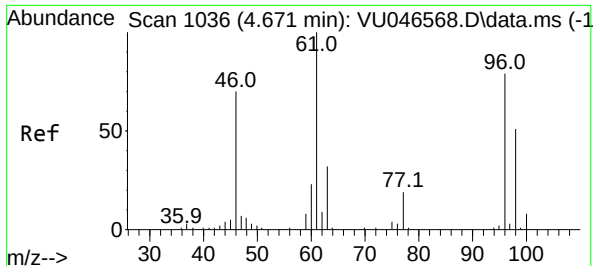
Delta R.T. 0.000 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

Tgt Ion:	43	Resp:	132893
Ion	Ratio	Lower	Upper
43	100		
72	30.0	14.1	42.3





#22

cis-1,2-Dichloroethene

Concen: 4.839 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.003 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

Instrument :

MSVOA_U

ClientSampleId :

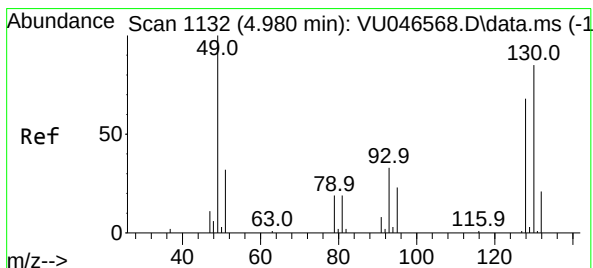
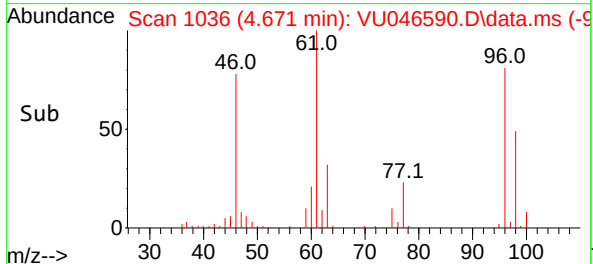
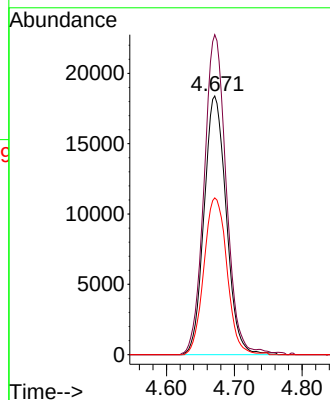
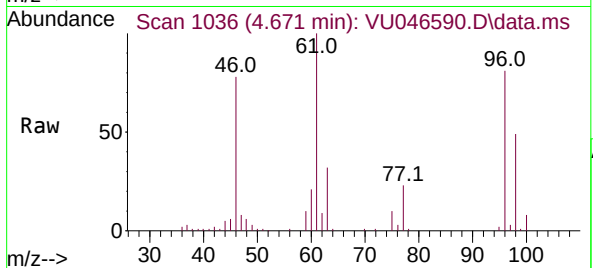
Tgt Ion: 96 Resp: 41819

Ion Ratio Lower Upper

96 100

61 123.7 88.5 164.3

98 60.6 44.4 82.5



#23

Bromochloromethane

Concen: 4.597 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

Tgt Ion:128 Resp: 19772

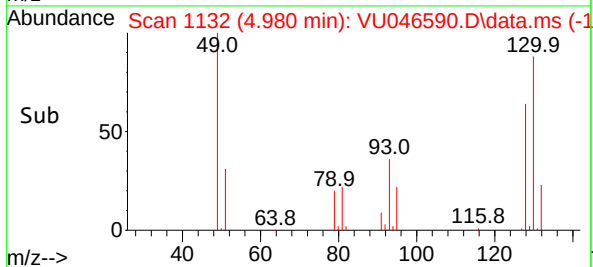
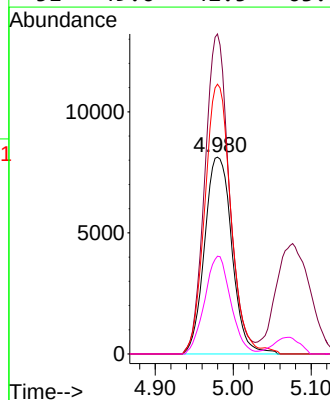
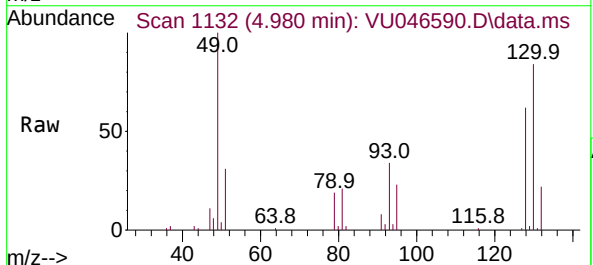
Ion Ratio Lower Upper

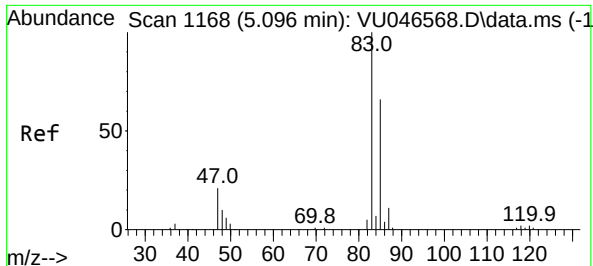
128 100

49 162.6 117.0 217.2

130 137.0 88.2 163.8

51 49.6 42.5 63.7





#25

Chloroform

Concen: 4.751 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

Instrument :

MSVOA_U

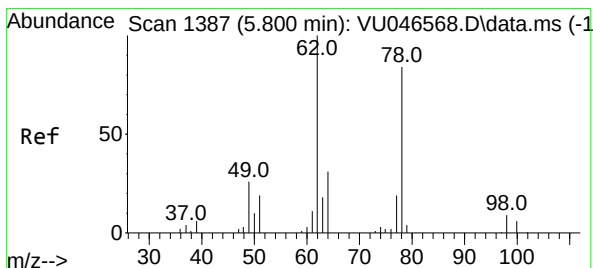
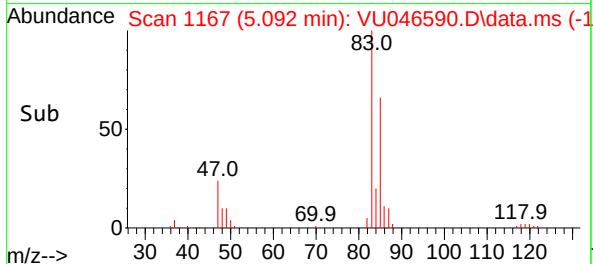
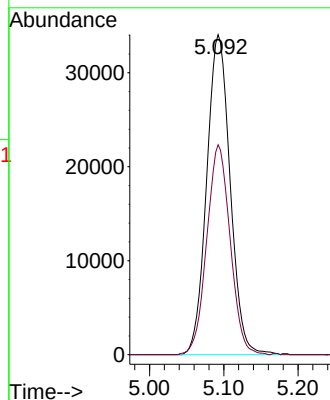
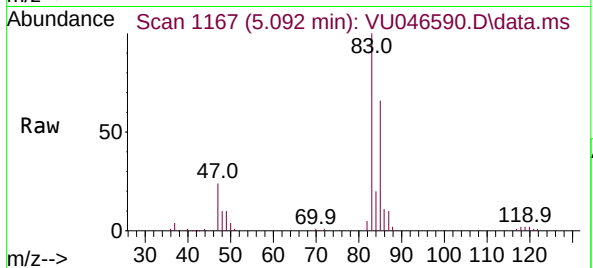
ClientSampleId :

Tgt Ion: 83 Resp: 74747

Ion Ratio Lower Upper

83 100

85 65.6 46.9 87.1



#27

1,2-Dichloroethane

Concen: 4.753 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046590.D

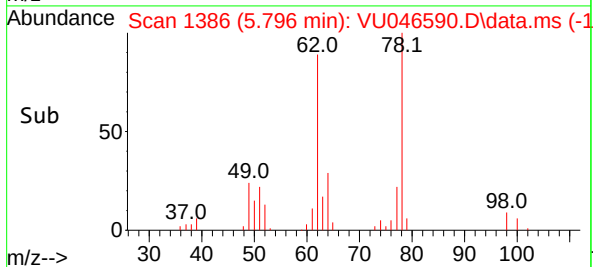
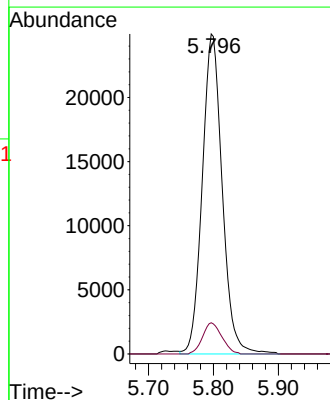
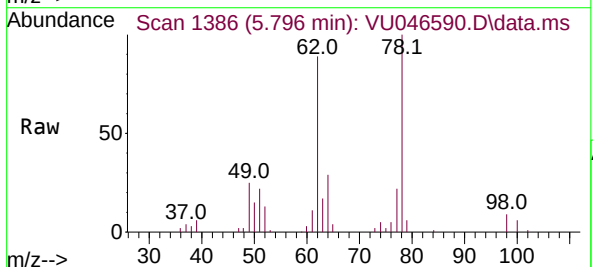
Acq: 24 Dec 2021 01:01

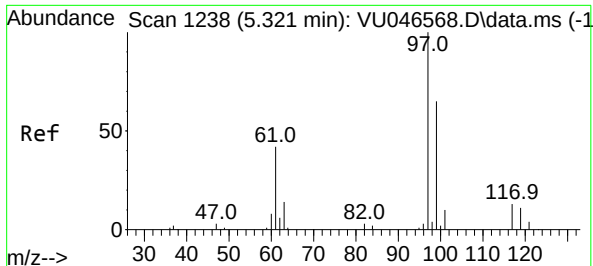
Tgt Ion: 62 Resp: 53380

Ion Ratio Lower Upper

62 100

98 9.8 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.859 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

Instrument :

MSVOA_U

ClientSampleId :

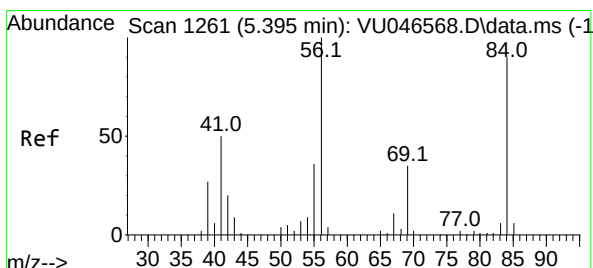
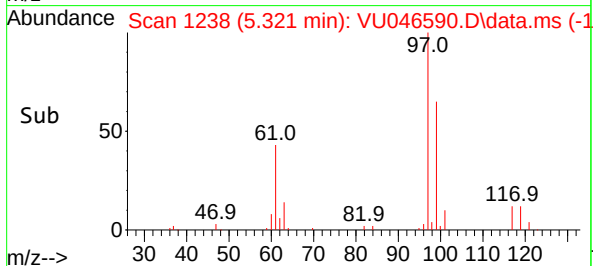
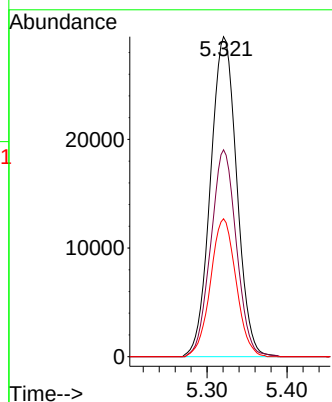
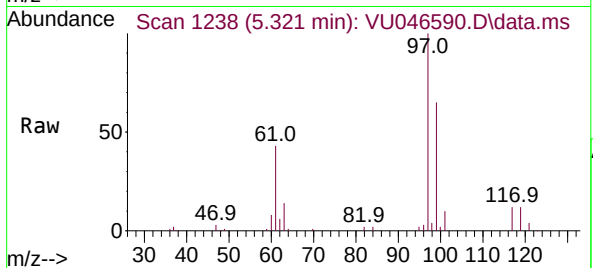
Tgt Ion: 97 Resp: 67149

Ion Ratio Lower Upper

97 100

99 63.3 51.3 76.9

61 42.0 36.1 54.1



#30

Cyclohexane

Concen: 4.918 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

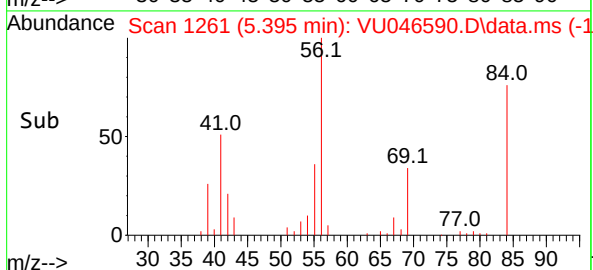
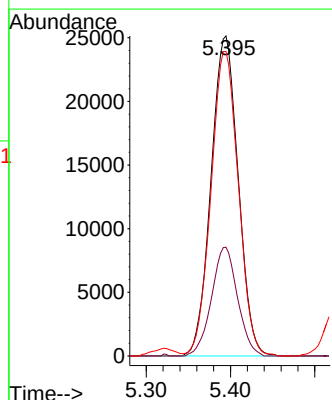
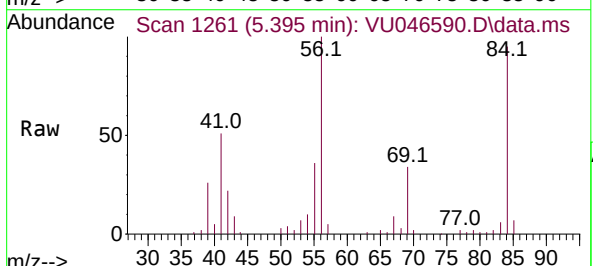
Tgt Ion: 56 Resp: 56221

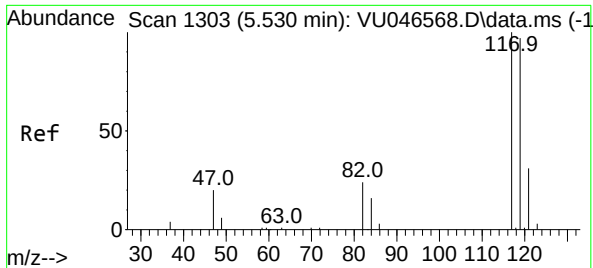
Ion Ratio Lower Upper

56 100

69 32.6 24.7 37.1

84 95.7 71.8 107.6

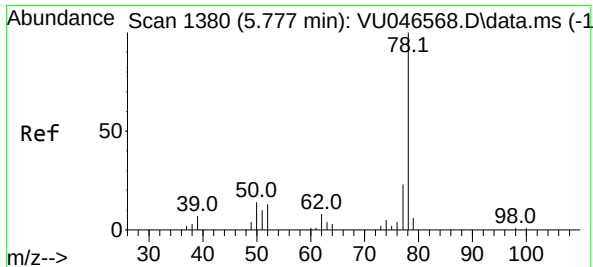
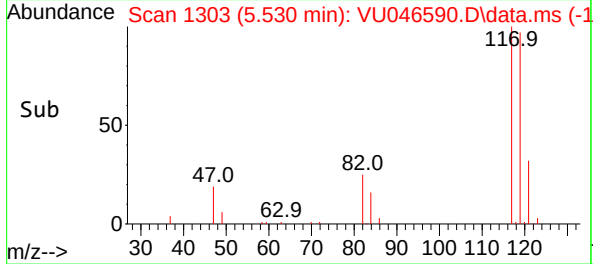
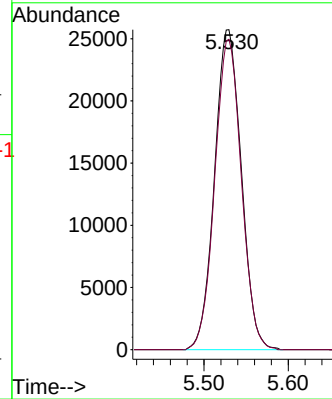
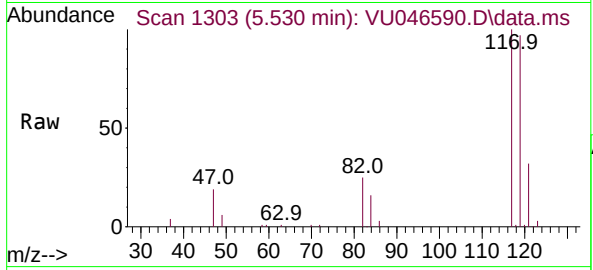




#31
Carbon tetrachloride
Concen: 4.894 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

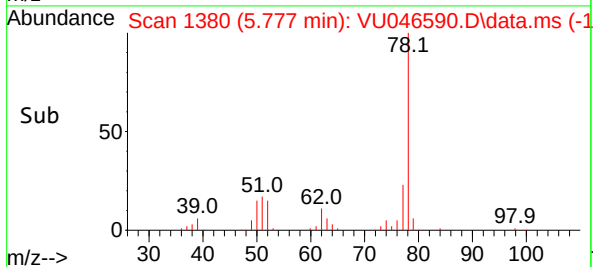
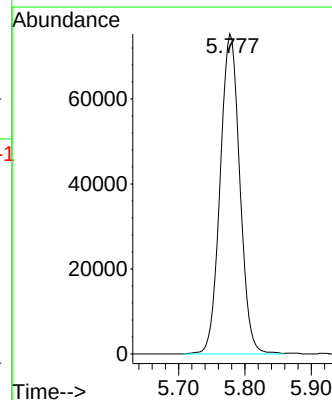
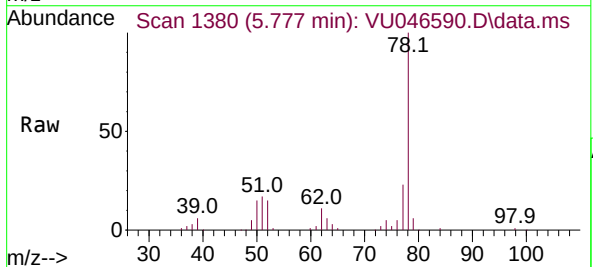
Instrument :
MSVOA_U
ClientSampleId :

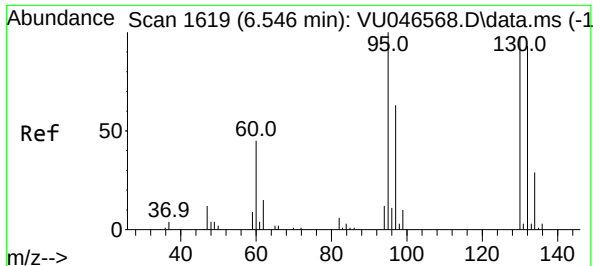
Tgt Ion:117 Resp: 56745
Ion Ratio Lower Upper
117 100
119 96.4 77.5 116.3



#33
Benzene
Concen: 4.668 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

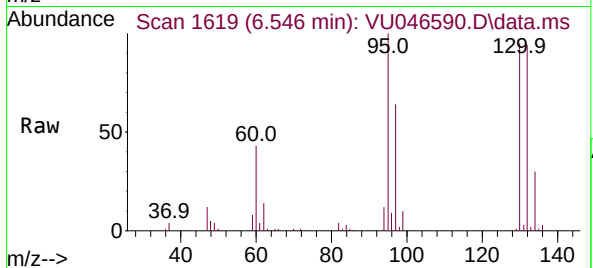
Tgt Ion: 78 Resp: 154985



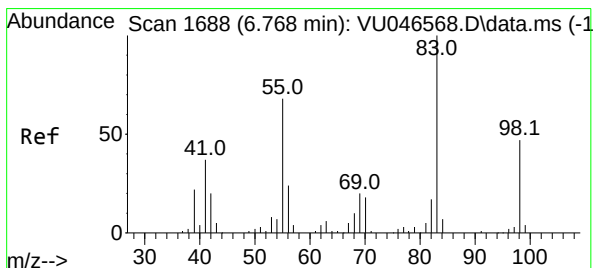
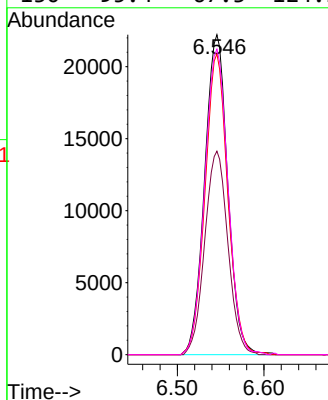
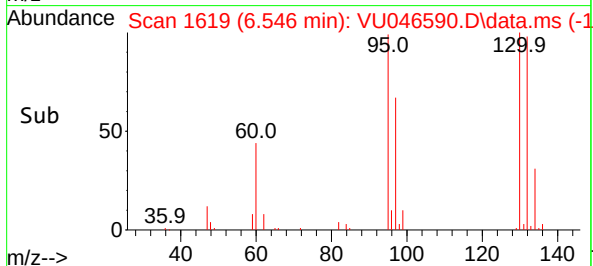


#34
Trichloroethene
Concen: 4.716 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

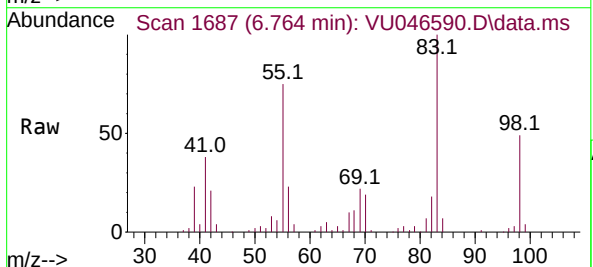
Instrument :
MSVOA_U
ClientSampleId :



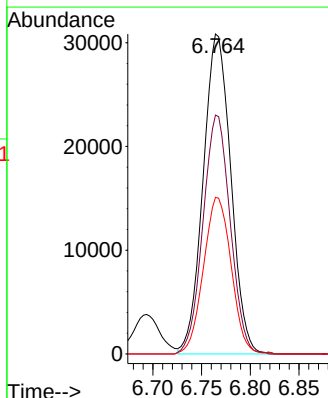
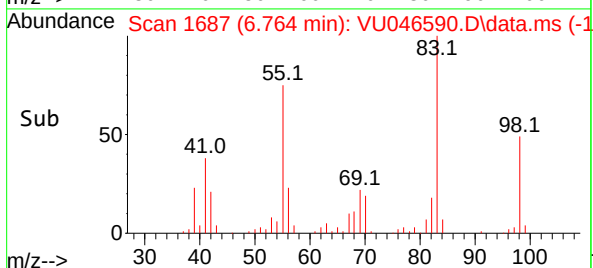
Tgt Ion: 95 Resp: 41283
Ion Ratio Lower Upper
95 100
97 63.6 46.5 86.5
132 94.0 65.1 120.9
130 95.4 67.3 124.9

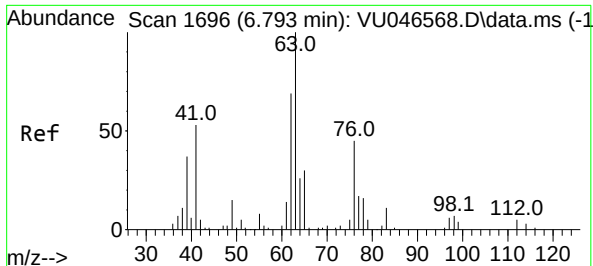


#35
Methylcyclohexane
Concen: 4.941 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01



Tgt Ion: 83 Resp: 60983
Ion Ratio Lower Upper
83 100
55 73.4 61.9 92.9
98 49.0 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.778 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

Instrument :

MSVOA_U

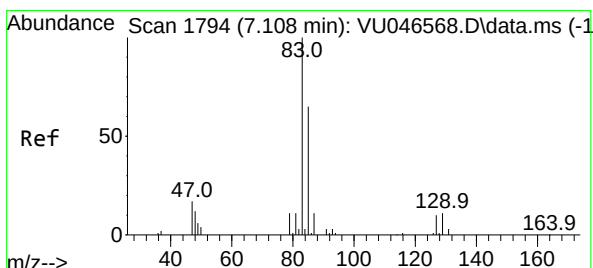
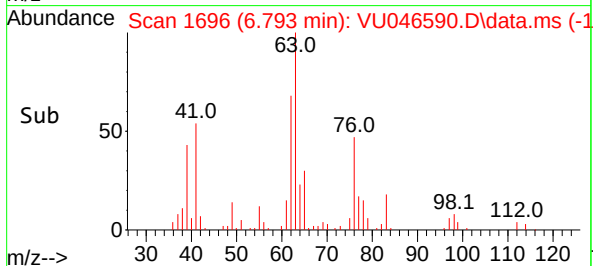
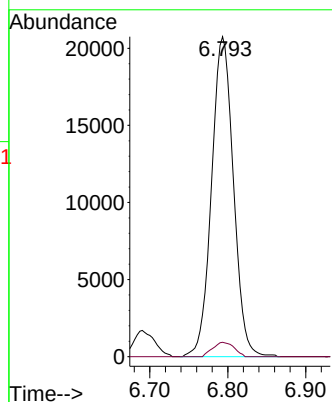
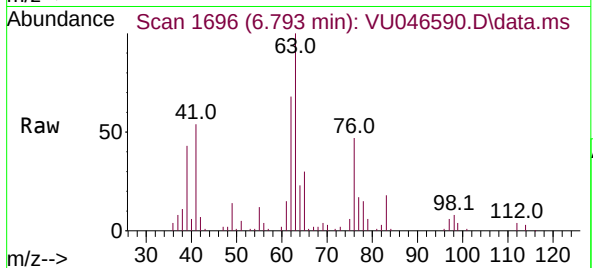
ClientSampleId :

Tgt Ion: 63 Resp: 40472

Ion Ratio Lower Upper

63 100

112 4.4 3.2 4.8



#38

Bromodichloromethane

Concen: 4.652 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

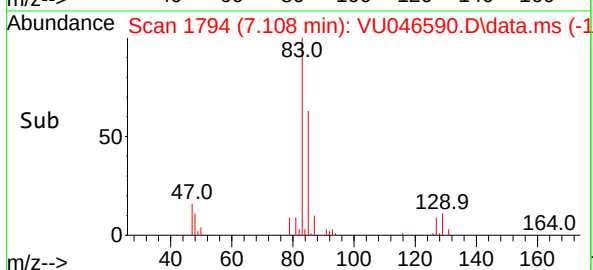
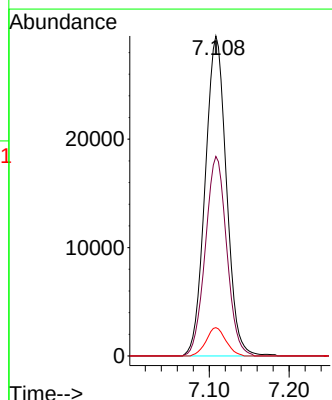
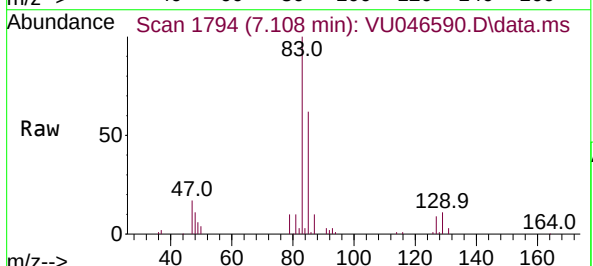
Tgt Ion: 83 Resp: 54544

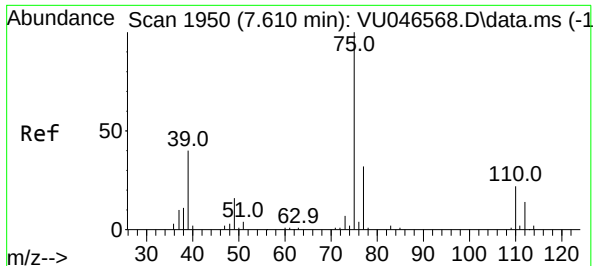
Ion Ratio Lower Upper

83 100

85 62.4 44.0 81.8

127 8.8 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.577 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

Instrument :

MSVOA_U

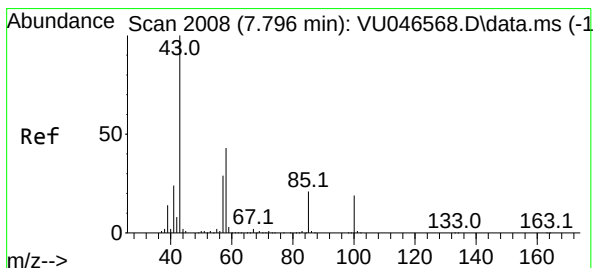
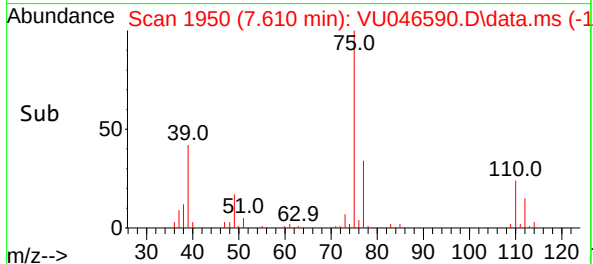
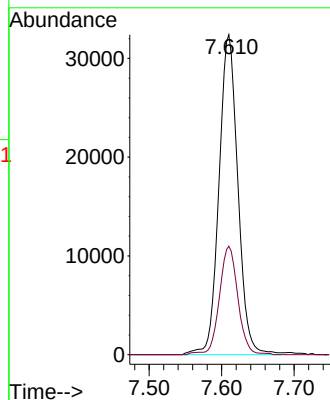
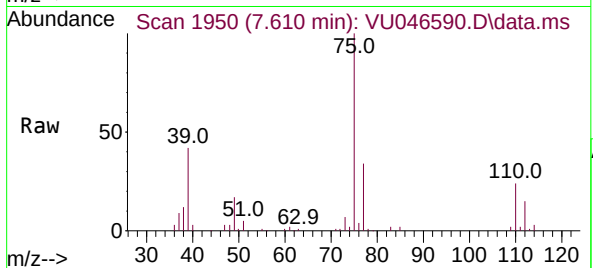
ClientSampleId :

Tgt Ion: 75 Resp: 58678

Ion Ratio Lower Upper

75 100

77 33.9 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 47.315 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

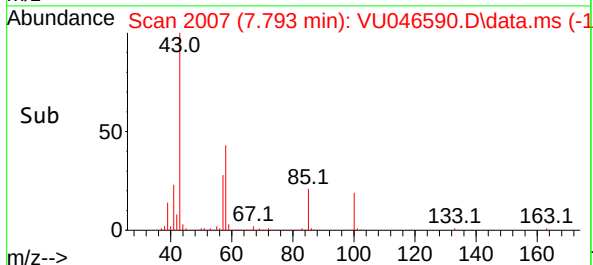
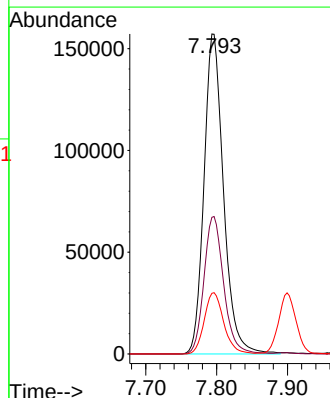
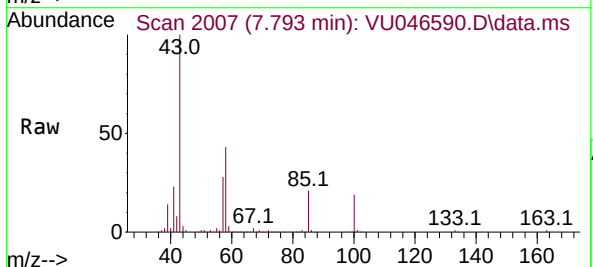
Tgt Ion: 43 Resp: 300827

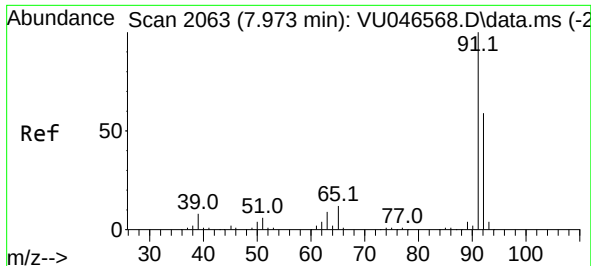
Ion Ratio Lower Upper

43 100

58 43.4 33.1 49.7

100 19.2 13.2 19.8





#42

Toluene

Concen: 4.940 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

Instrument :

MSVOA_U

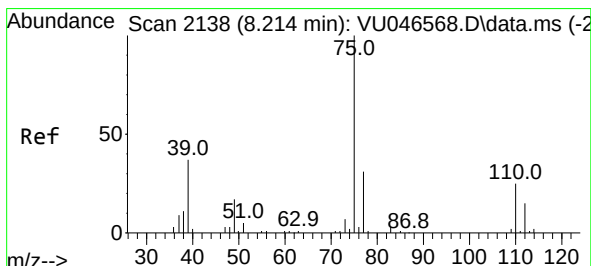
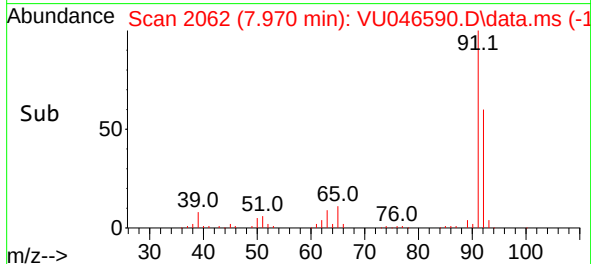
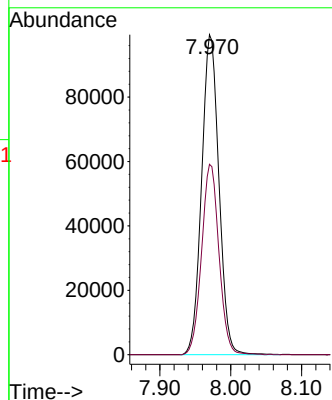
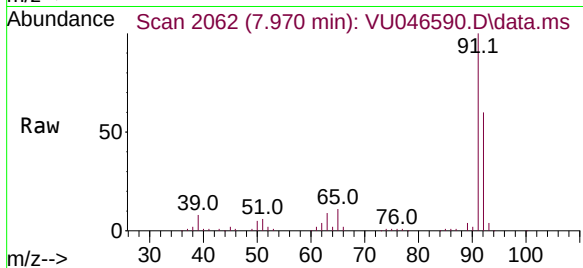
ClientSampleId :

Tgt Ion: 91 Resp: 168369

Ion Ratio Lower Upper

91 100

92 59.5 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 4.651 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU046590.D

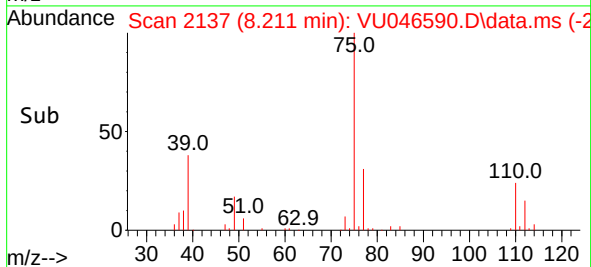
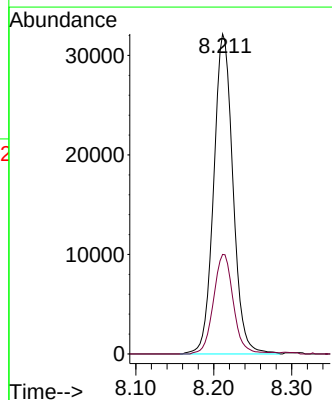
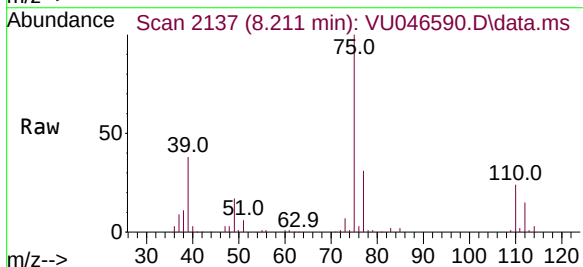
Acq: 24 Dec 2021 01:01

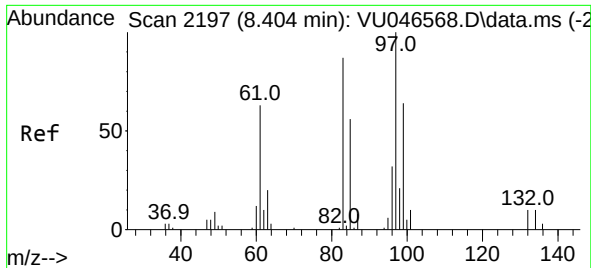
Tgt Ion: 75 Resp: 55260

Ion Ratio Lower Upper

75 100

77 31.1 22.7 42.3



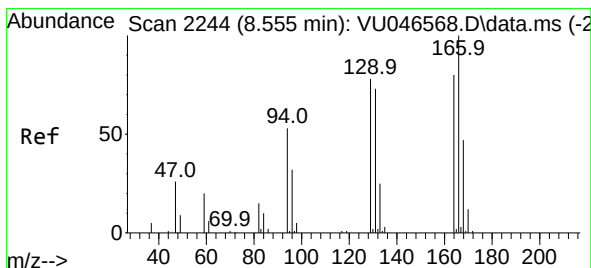
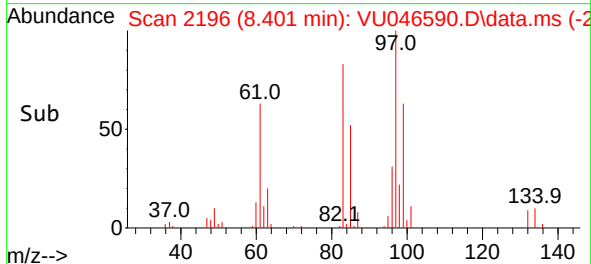
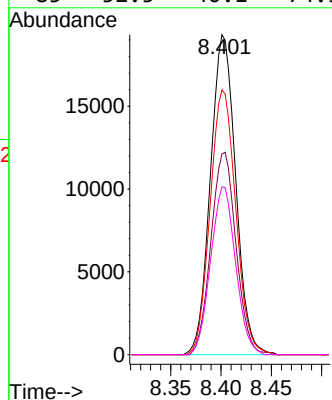
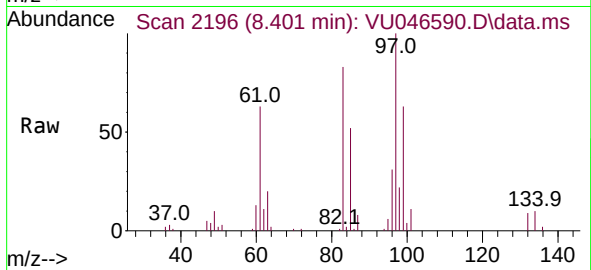


#45
1,1,2-Trichloroethane
Concen: 4.619 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 33736

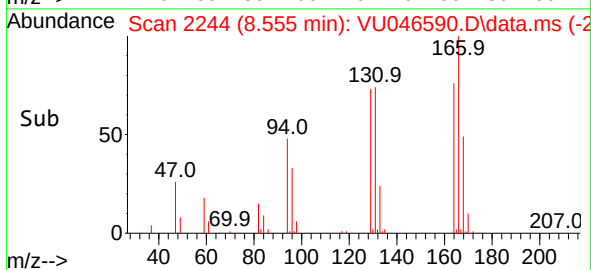
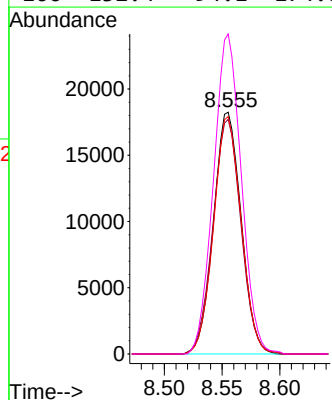
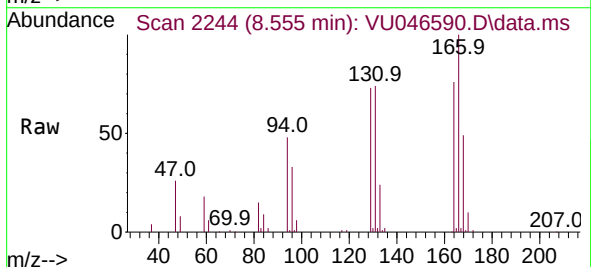
Ion	Ratio	Lower	Upper
97	100		
99	62.8	42.3	78.5
83	82.7	62.0	115.2
85	52.5	40.1	74.5

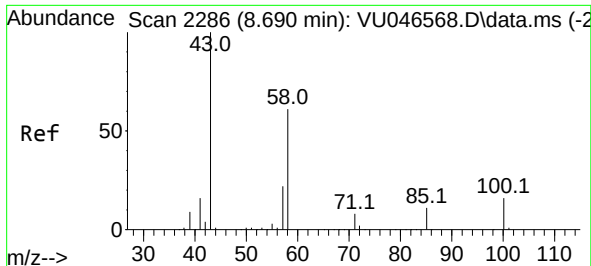


#47
Tetrachloroethene
Concen: 4.901 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.003 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

Tgt Ion: 164 Resp: 30358

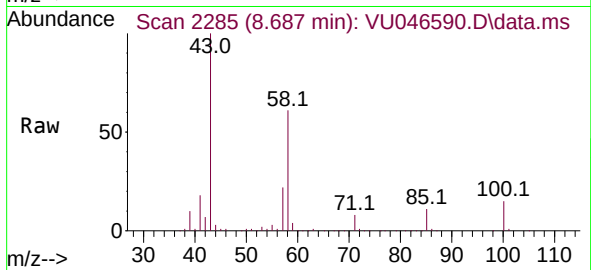
Ion	Ratio	Lower	Upper
164	100		
129	97.1	71.8	133.4
131	98.2	68.5	127.3
166	132.4	94.1	174.8



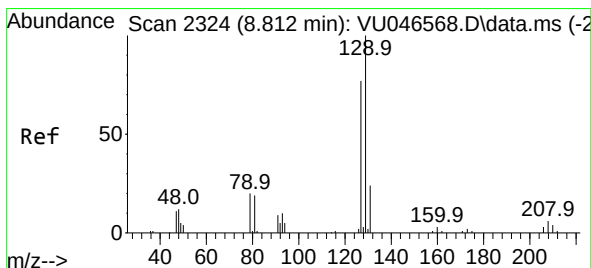
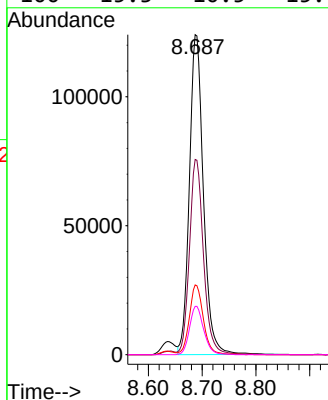
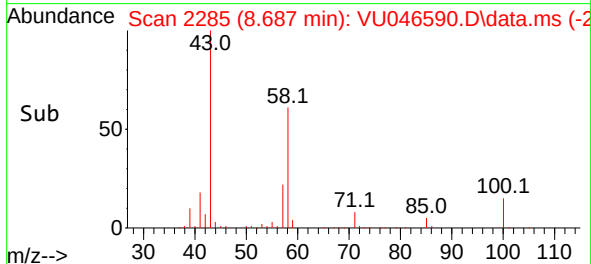


#48
2-Hexanone
Concen: 47.437 ug/L
RT: 8.687 min Scan# 2286
Delta R.T. -0.003 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

Instrument :
MSVOA_U
ClientSampleId :

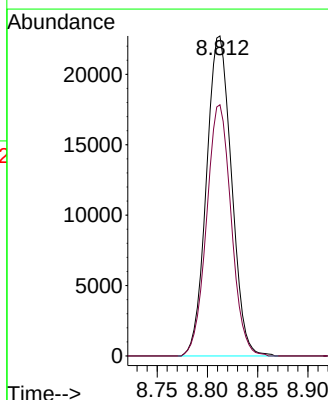
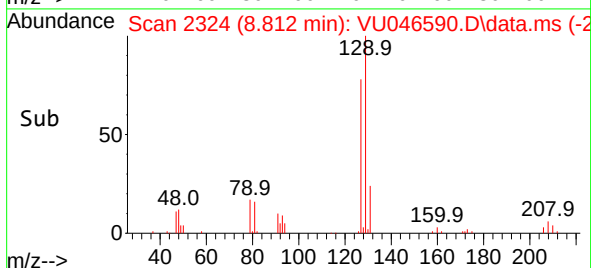
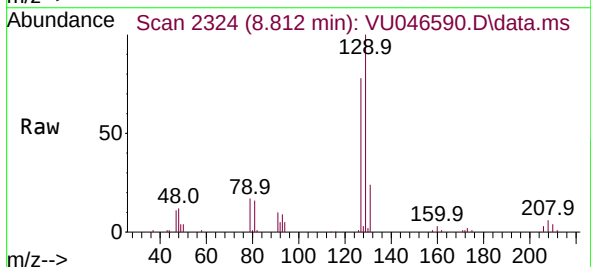


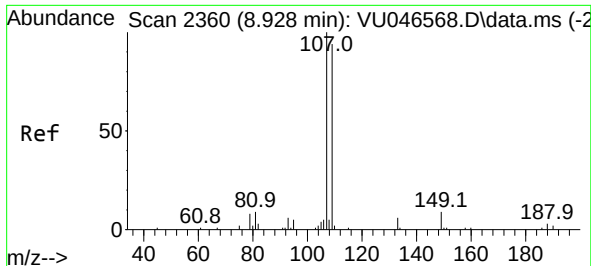
Tgt Ion:	43	Resp:	225238
Ion	Ratio	Lower	Upper
43	100		
58	60.6	46.7	70.1
57	21.9	16.3	24.5
100	15.3	10.5	15.7



#49
Dibromochloromethane
Concen: 4.682 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

Tgt Ion:	129	Resp:	39445
Ion	Ratio	Lower	Upper
129	100		
127	78.5	55.4	102.8





#50

1,2-Dibromoethane

Concen: 4.661 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.003 min

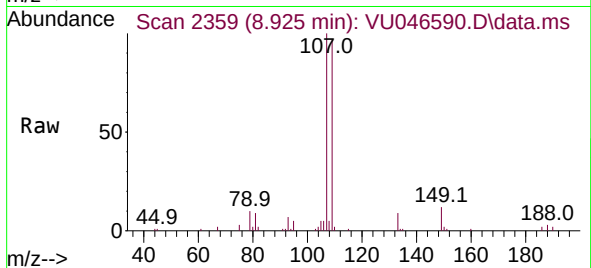
Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

Instrument :

MSVOA_U

ClientSampleId :



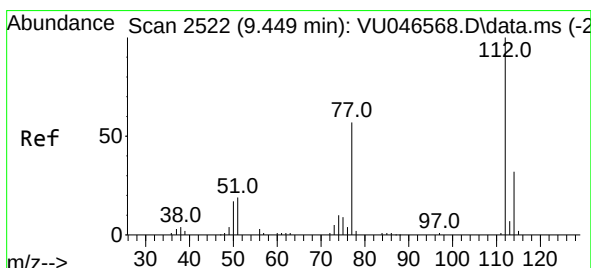
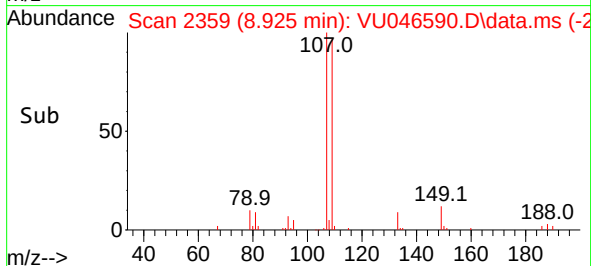
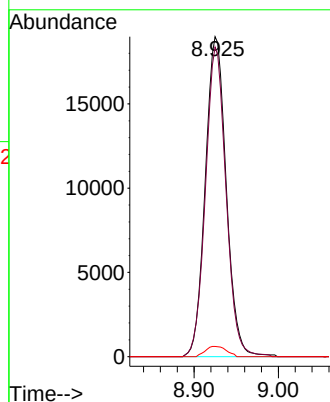
Tgt Ion:107 Resp: 32863

Ion Ratio Lower Upper

107 100

109 96.8 64.0 119.0

188 3.2 2.4 3.6



#51

Chlorobenzene

Concen: 4.934 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

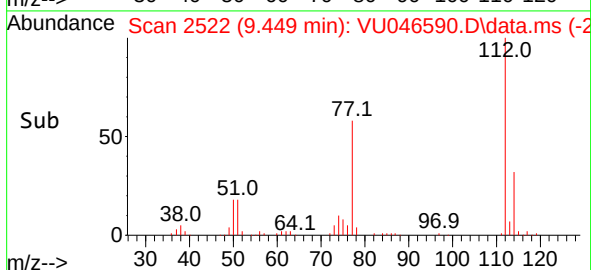
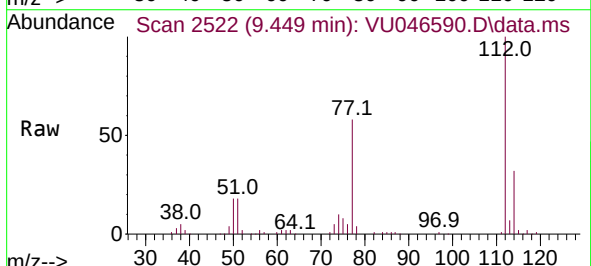
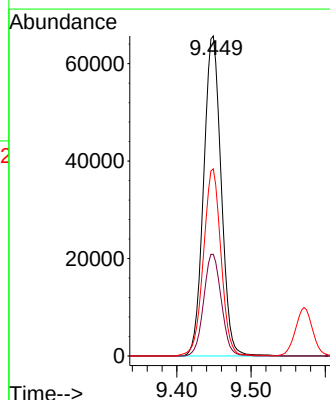
Tgt Ion:112 Resp: 107493

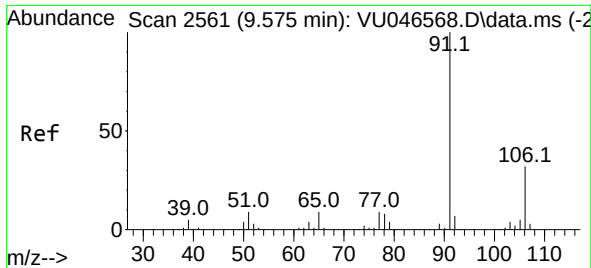
Ion Ratio Lower Upper

112 100

114 31.8 22.1 41.1

77 58.5 48.3 72.5

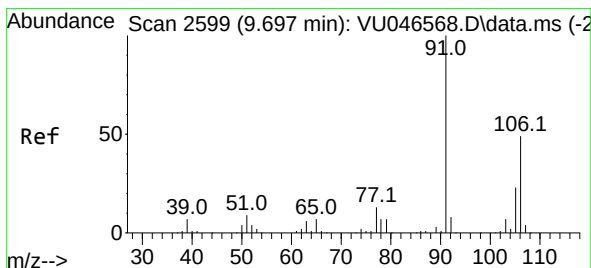
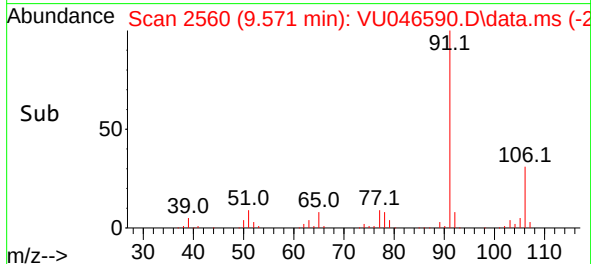
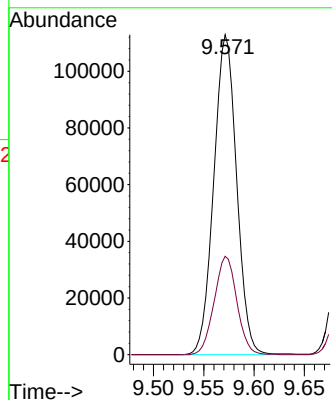
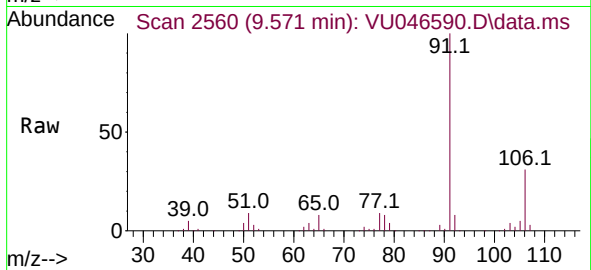




#52
Ethylbenzene
Concen: 5.054 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

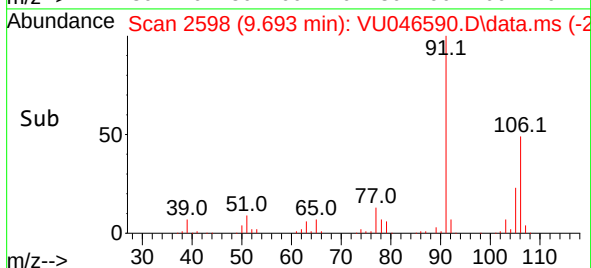
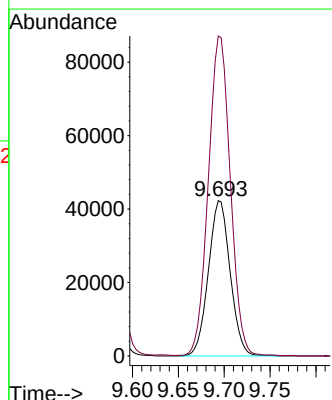
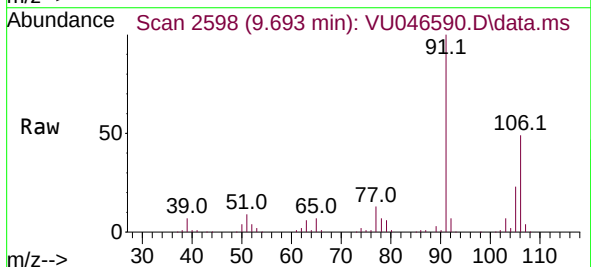
Instrument :
MSVOA_U
ClientSampleId :

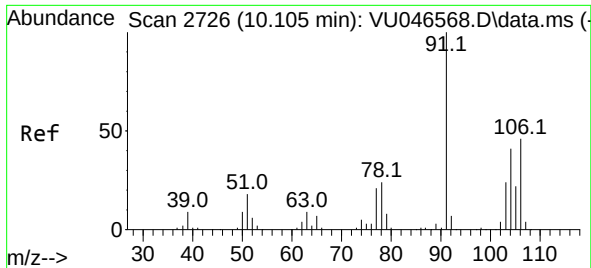
Tgt Ion: 91 Resp: 178299
Ion Ratio Lower Upper
91 100
106 30.8 21.5 39.9



#53
m,p-Xylene
Concen: 5.175 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

Tgt Ion:106 Resp: 69935
Ion Ratio Lower Upper
106 100
91 205.9 139.4 259.0

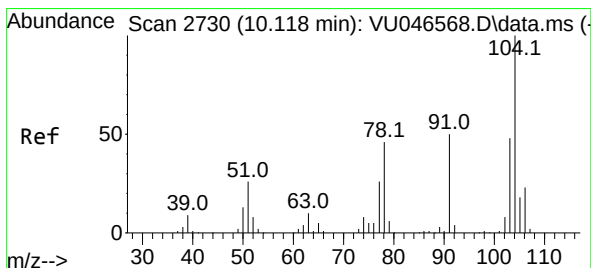
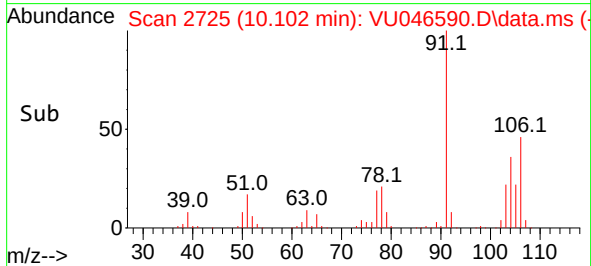
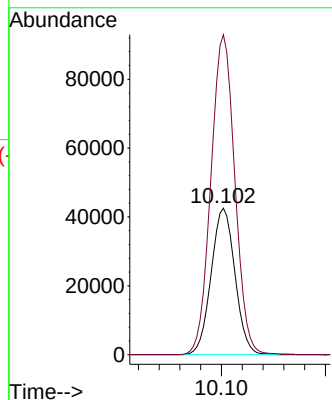
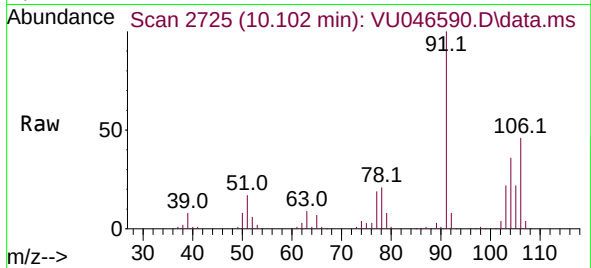




#54
o-Xylene
Concen: 5.220 ug/L
RT: 10.102 min Scan# 2726
Delta R.T. 0.000 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

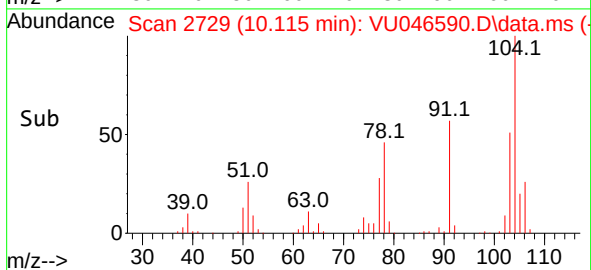
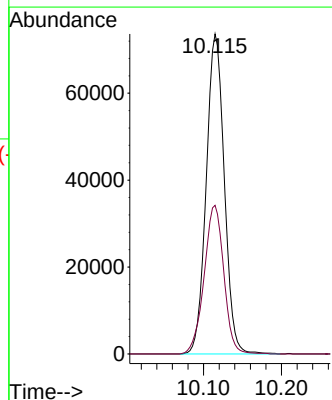
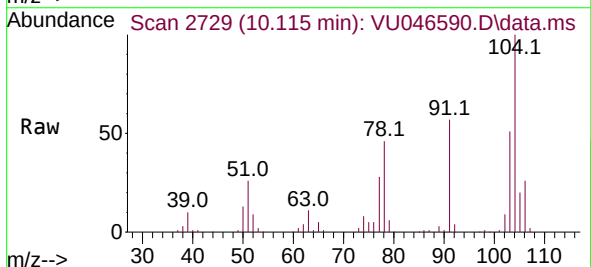
Instrument :
MSVOA_U
ClientSampleId :

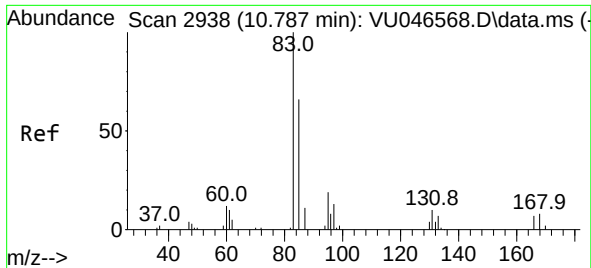
Tgt Ion:106 Resp: 67796
Ion Ratio Lower Upper
106 100
91 218.3 147.5 273.9



#55
Styrene
Concen: 5.274 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

Tgt Ion:104 Resp: 118808
Ion Ratio Lower Upper
104 100
78 46.5 33.0 61.4

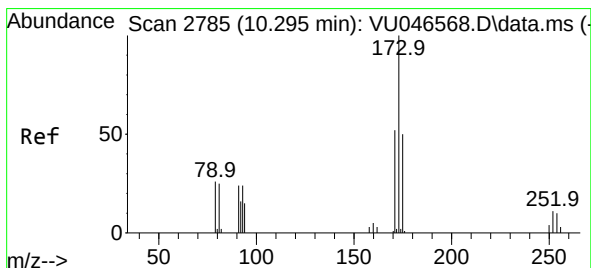
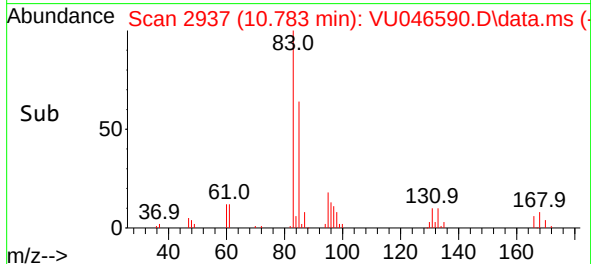
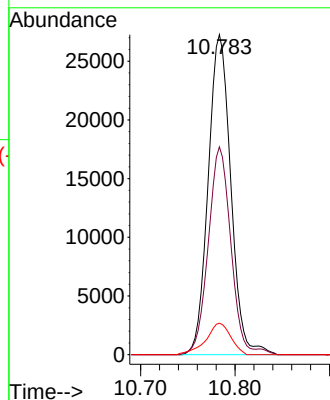
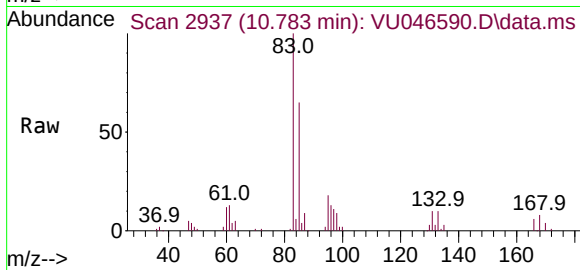




#57
1,1,2,2-Tetrachloroethane
Concen: 4.746 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

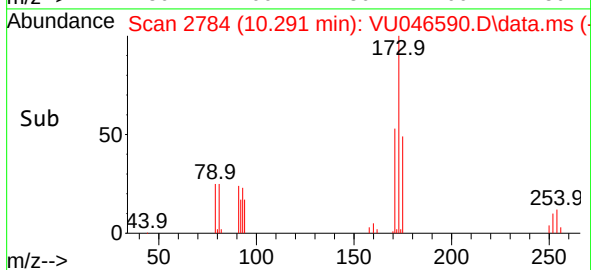
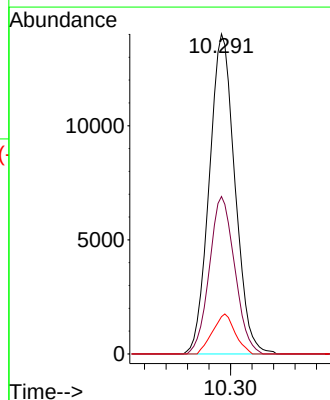
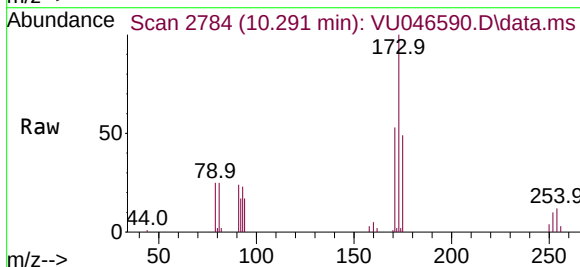
Instrument :
MSVOA_U
ClientSampleId :

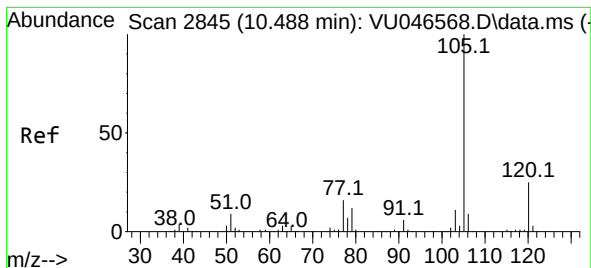
Tgt Ion: 83 Resp: 45297
Ion Ratio Lower Upper
83 100
85 64.9 47.9 89.1
131 9.9 8.1 12.1



#59
Bromoform
Concen: 4.500 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.003 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

Tgt Ion:173 Resp: 23214
Ion Ratio Lower Upper
173 100
175 48.5 37.8 56.6
254 10.9 7.3 10.9#





#60

Isopropylbenzene

Concen: 5.299 ug/L

RT: 10.484 min Scan# 2845

Delta R.T. -0.003 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

Instrument :

MSVOA_U

ClientSampleId :

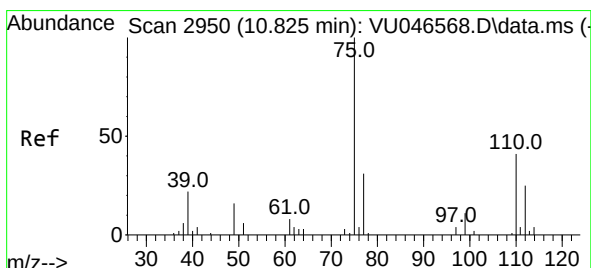
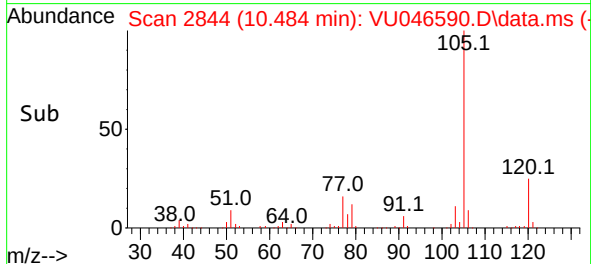
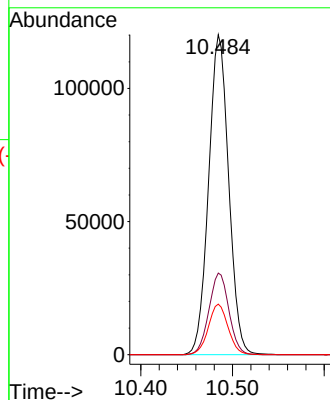
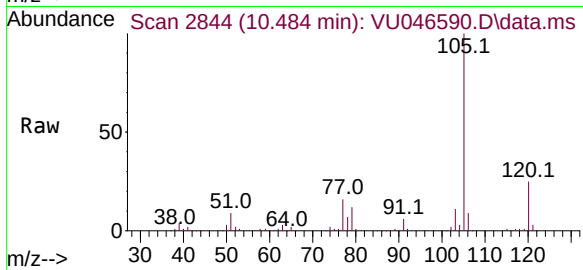
Tgt Ion:105 Resp: 182465

Ion Ratio Lower Upper

105 100

120 25.4 20.7 31.1

77 15.5 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.560 ug/L

RT: 10.822 min Scan# 2949

Delta R.T. -0.003 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

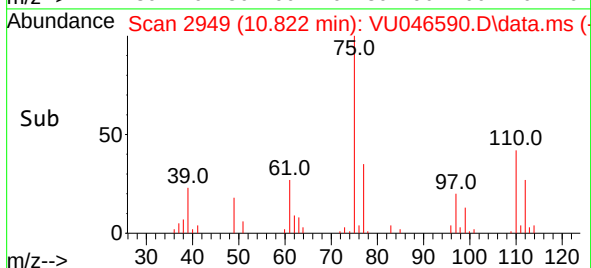
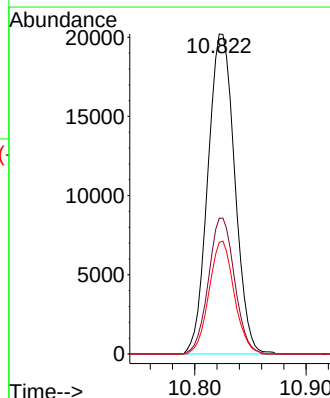
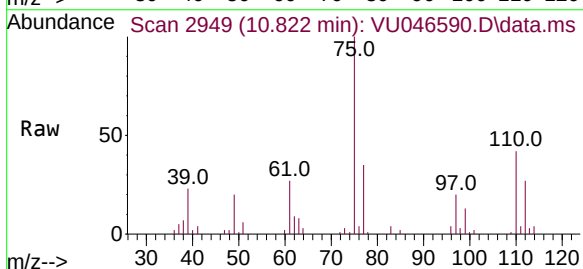
Tgt Ion: 75 Resp: 33818

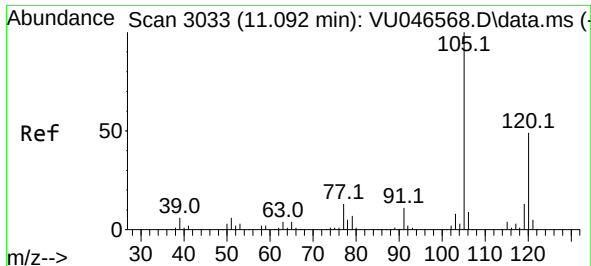
Ion Ratio Lower Upper

75 100

110 41.2 29.9 44.9

77 33.1 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.272 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU046590.D

Acq: 24 Dec 2021 01:01

Instrument :

MSVOA_U

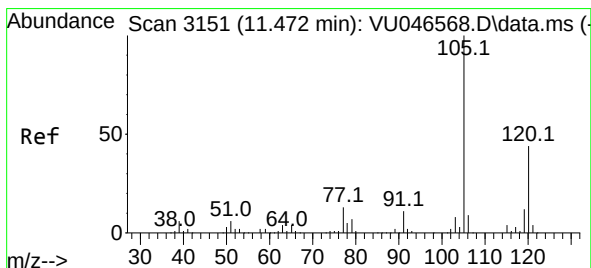
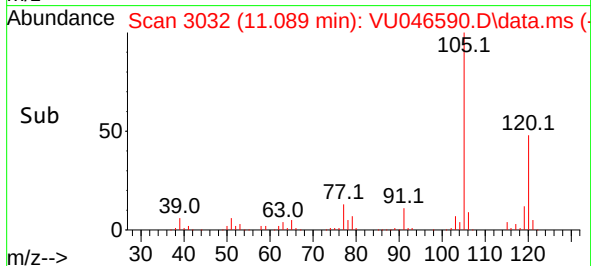
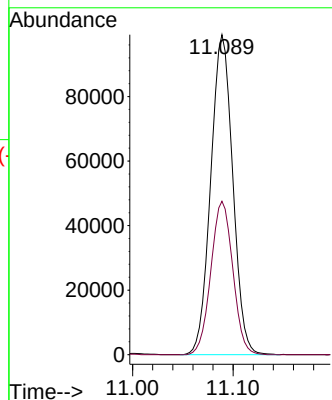
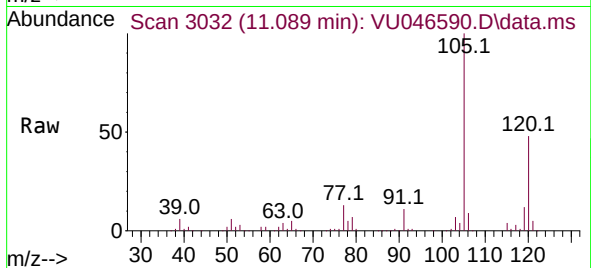
ClientSampleId :

Tgt Ion:105 Resp: 151002

Ion Ratio Lower Upper

105 100

120 47.7 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.397 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU046590.D

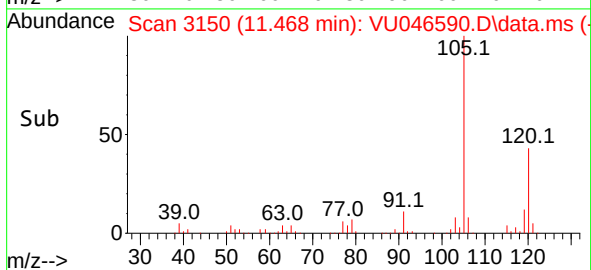
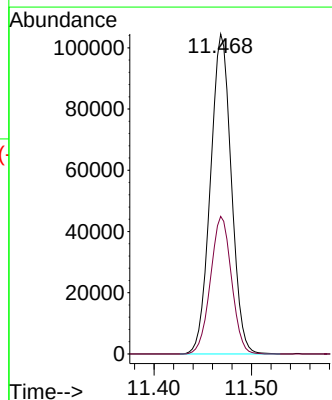
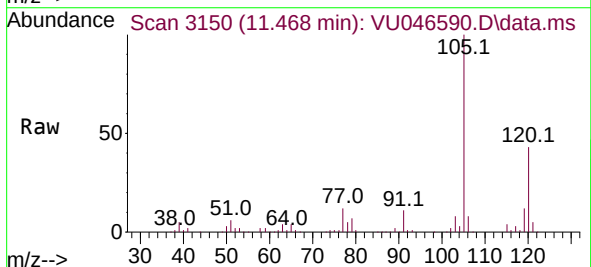
Acq: 24 Dec 2021 01:01

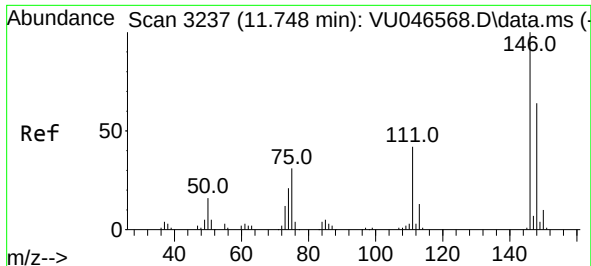
Tgt Ion:105 Resp: 155667

Ion Ratio Lower Upper

105 100

120 43.2 35.8 53.8

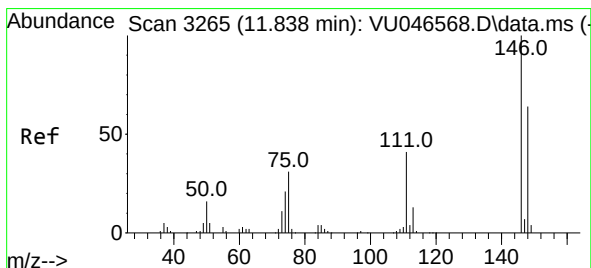
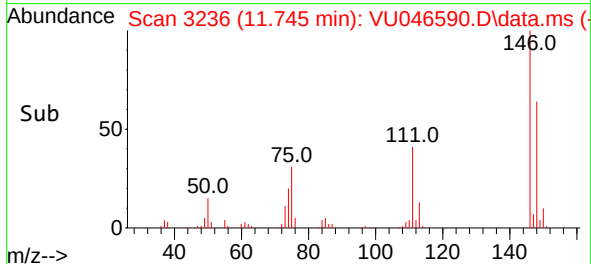
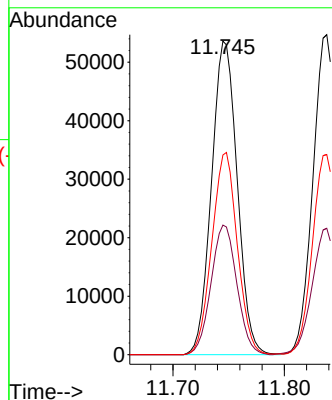
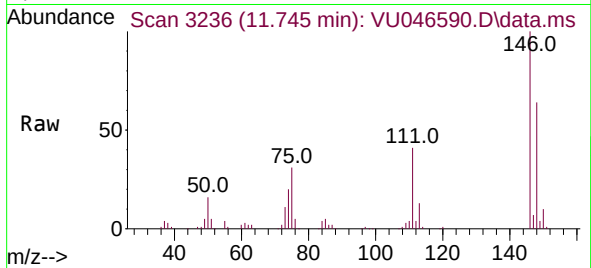




#64
1,3-Dichlorobenzene
Concen: 5.130 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

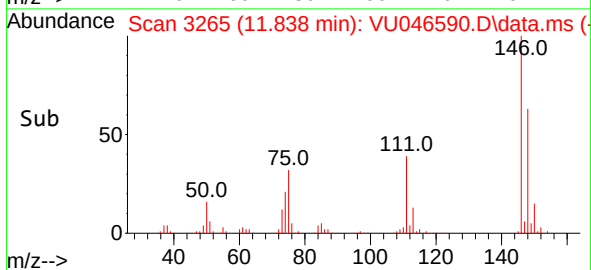
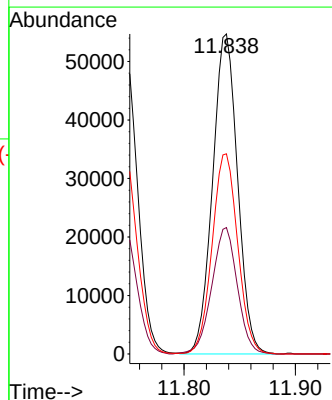
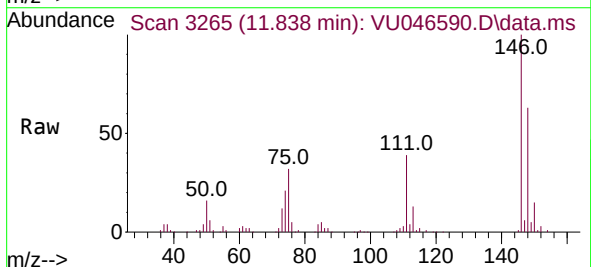
Instrument :
MSVOA_U
ClientSampleId :

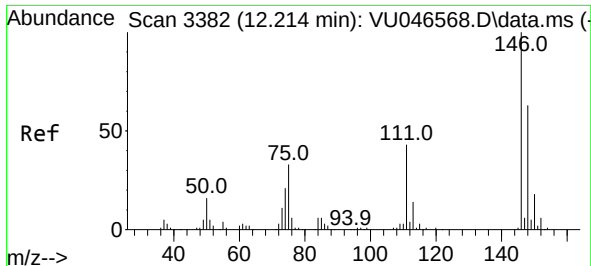
Tgt Ion:146 Resp: 85876
Ion Ratio Lower Upper
146 100
111 41.3 29.9 55.5
148 63.7 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 4.981 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

Tgt Ion:146 Resp: 85362
Ion Ratio Lower Upper
146 100
111 39.5 28.7 53.3
148 62.6 45.8 85.0

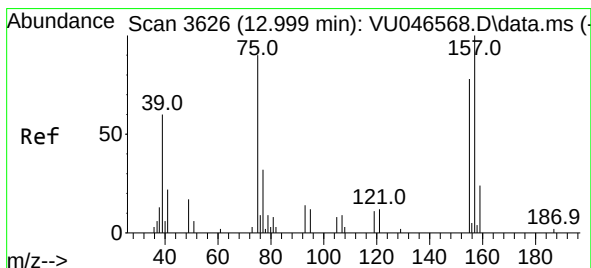
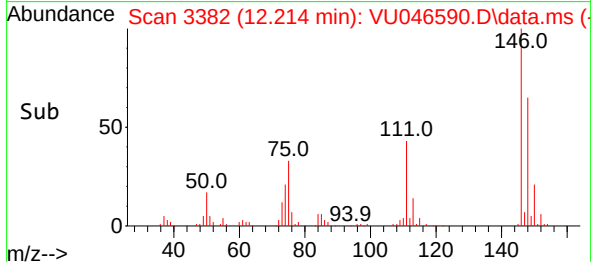
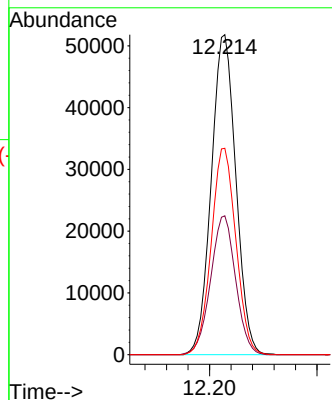
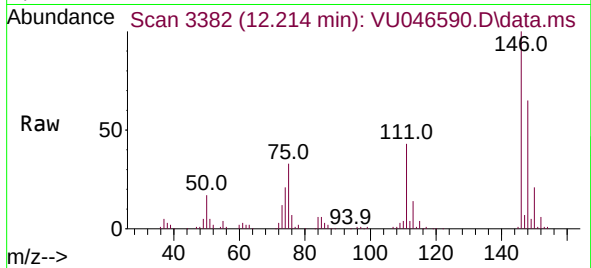




#67
1,2-Dichlorobenzene
Concen: 4.901 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

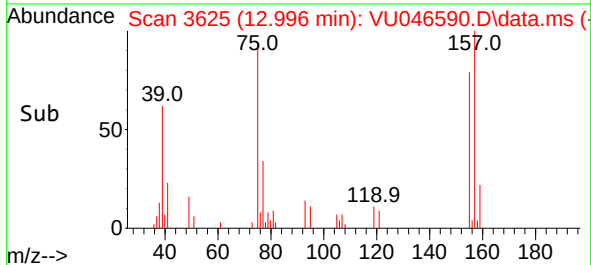
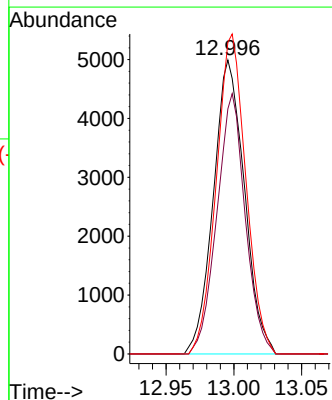
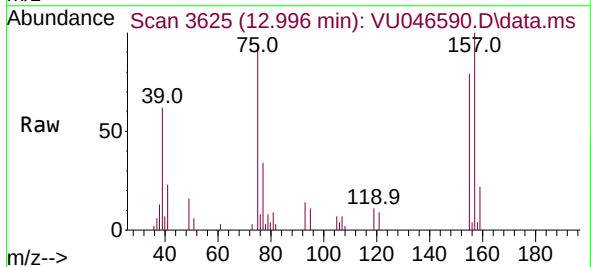
Instrument :
MSVOA_U
ClientSampleId :

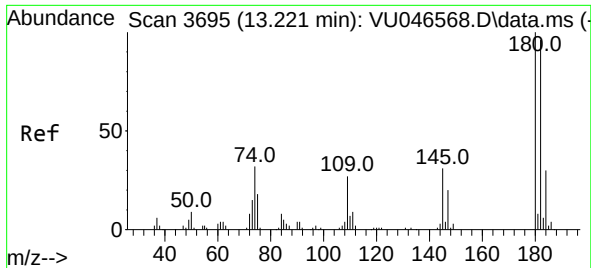
Tgt Ion:146 Resp: 82286
Ion Ratio Lower Upper
146 100
111 43.4 35.4 53.0
148 64.5 51.1 76.7



#68
1,2-Dibromo-3-chloropropane
Concen: 4.633 ug/L
RT: 12.996 min Scan# 3625
Delta R.T. -0.003 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

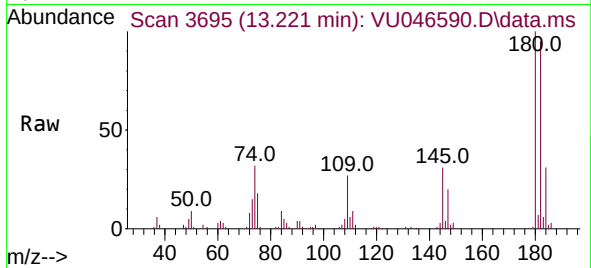
Tgt Ion: 75 Resp: 7953
Ion Ratio Lower Upper
75 100
155 83.4 59.2 88.8
157 106.0 76.5 114.7



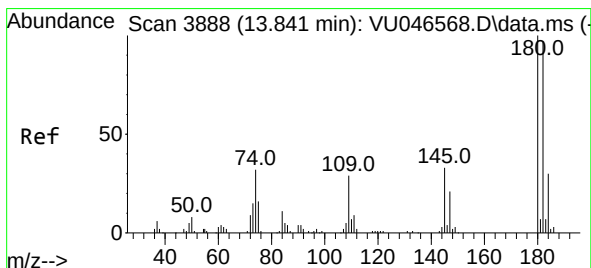
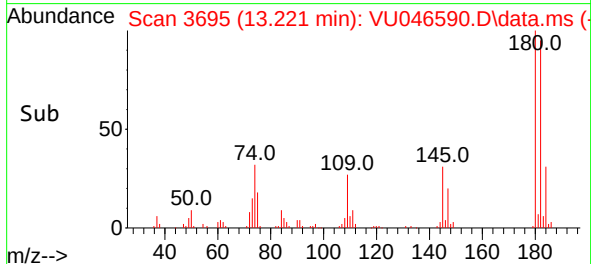
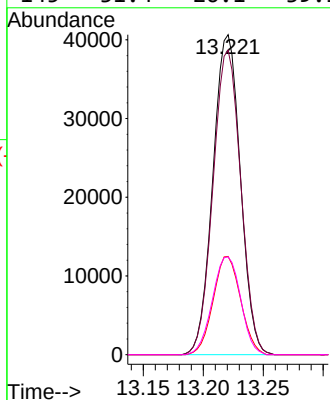


#69
 1,3,5-Trichlorobenzene
 Concen: 5.097 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU046590.D
 Acq: 24 Dec 2021 01:01

Instrument :
 MSVOA_U
 ClientSampleId :

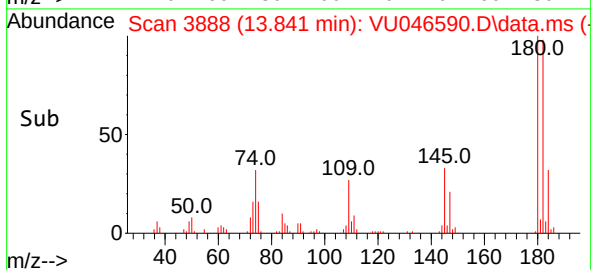
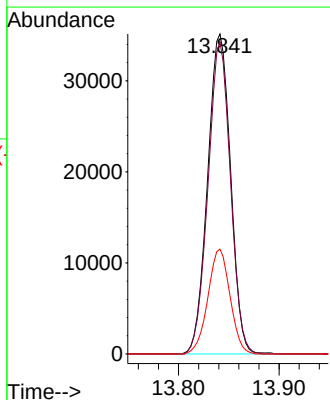
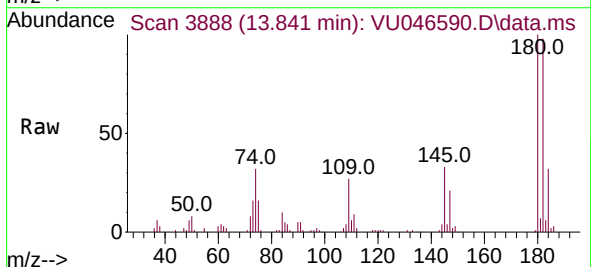


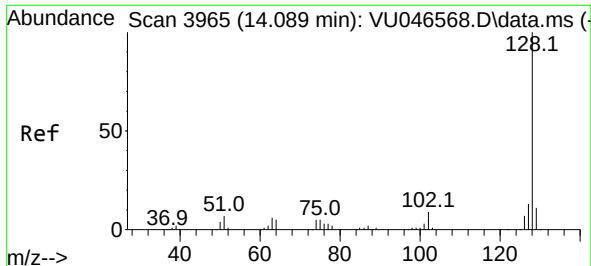
Tgt Ion:180 Resp: 64573
 Ion Ratio Lower Upper
 180 100
 182 96.2 76.1 114.1
 184 30.8 25.0 37.4
 145 31.4 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.197 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU046590.D
 Acq: 24 Dec 2021 01:01

Tgt Ion:180 Resp: 55766
 Ion Ratio Lower Upper
 180 100
 182 95.2 76.4 114.6
 145 31.6 25.6 38.4

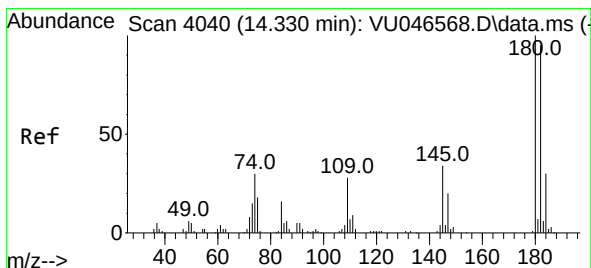
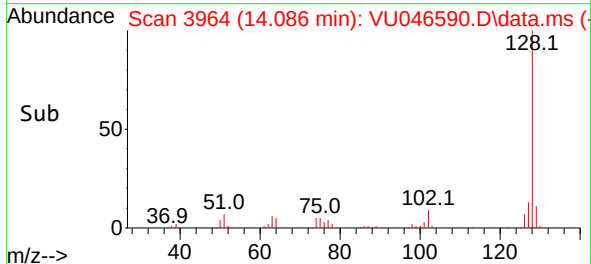
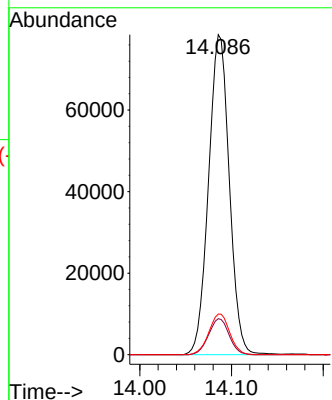
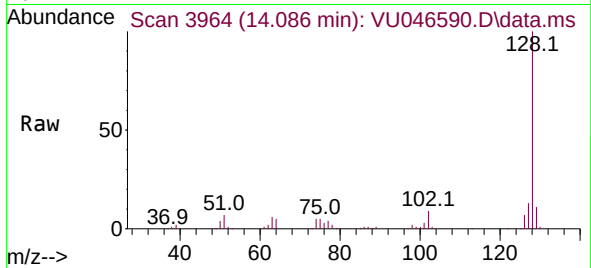




#71
Naphthalene
Concen: 5.163 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 123047
Ion Ratio Lower Upper
128 100
129 11.1 8.4 12.6
127 12.8 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.250 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.003 min
Lab File: VU046590.D
Acq: 24 Dec 2021 01:01

Tgt Ion:180 Resp: 55779
Ion Ratio Lower Upper
180 100
182 95.7 76.2 114.4
145 34.0 28.4 42.6

