

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120121\
 Data File : VU046033.D
 Acq On : 01 Dec 2021 10:06
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 02 02:41:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 01 00:33:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	195773	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	193937	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	104418	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	73034	45.287	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.580%
7) Chloroethane-d5	1.919	69	57678	46.582	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.160%
11) 1,1-Dichloroethene-d2	2.575	63	131986	45.590	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.180%
21) 2-Butanone-d5	4.649	46	120969	94.360	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.360%
24) Chloroform-d	5.070	84	129988	48.267	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.540%
26) 1,2-Dichloroethane-d4	5.707	65	83770	46.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.700%
32) Benzene-d6	5.732	84	263942	47.484	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.960%
36) 1,2-Dichloropropane-d6	6.694	67	81359	47.228	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.460%
41) Toluene-d8	7.903	98	241621	47.741	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.480%
43) trans-1,3-Dichloroprop...	8.182	79	41141	49.472	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.940%
47) 2-Hexanone-d5	8.636	63	82026	100.424	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.420%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	122998	47.080	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.160%
66) 1,2-Dichlorobenzene-d4	12.195	152	95338	47.411	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	104890	49.245	ug/L	99
3) Chloromethane	1.523	50	92920	48.774	ug/L	98
5) Vinyl chloride	1.607	62	95228	49.574	ug/L	99
6) Bromomethane	1.864	94	55878	51.322	ug/L	97
8) Chloroethane	1.941	64	54808	49.278	ug/L	99
9) Trichlorofluoromethane	2.144	101	126202	50.322	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	72467	50.871	ug/L	99
12) 1,1-Dichloroethene	2.584	96	68454	50.570	ug/L	95
13) Acetone	2.665	43	143687	89.680	ug/L	64
14) Carbon disulfide	2.800	76	206012	49.053	ug/L	99
15) Methyl Acetate	2.964	43	87894	47.058	ug/L	97
16) Methylene chloride	3.051	84	76348	47.405	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	70745	49.385	ug/L	99
18) Methyl tert-butyl Ether	3.369	73	224583	50.870	ug/L	99
19) 1,1-Dichloroethane	3.877	63	129295	49.640	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	77998	50.180	ug/L	99
22) 2-Butanone	4.726	43	164053	94.058	ug/L	97
23) Bromochloromethane	4.980	128	40311	51.348	ug/L	94
25) Chloroform	5.092	83	141608	48.932	ug/L	99

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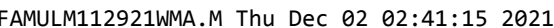
Instrument :
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 ClientSampleId :

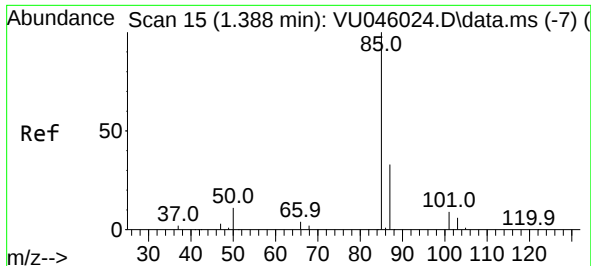
Quant Time: Dec 02 02:41:07 2021
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 Quant Title : VOC Analysis
 QLast Update : Wed Dec 01 00:33:27 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	105644	49.194	ug/L	100
29) Cyclohexane	5.395	56	117798	52.163	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	121221	50.921	ug/L	99
31) Carbon tetrachloride	5.530	117	102937	50.933	ug/L	98
33) Benzene	5.781	78	299048	50.947	ug/L	100
34) Trichloroethene	6.546	95	77875	50.361	ug/L	99
35) Methylcyclohexane	6.768	83	126392	52.715	ug/L	98
37) 1,2-Dichloropropane	6.797	63	77373	50.320	ug/L	99
38) Bromodichloromethane	7.108	83	102754	50.277	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	122986	52.577	ug/L	100
40) 4-Methyl-2-pentanone	7.797	43	231367	102.414	ug/L	99
42) Toluene	7.973	91	327183	51.947	ug/L	99
44) trans-1,3-Dichloropropene	8.214	75	119141	51.858	ug/L	97
45) 1,1,2-Trichloroethane	8.404	97	77257	50.081	ug/L	99
46) Tetrachloroethene	8.559	164	57742	50.813	ug/L	96
48) 2-Hexanone	8.687	43	203624	100.784	ug/L	99
49) Dibromochloromethane	8.813	129	83266	51.401	ug/L	97
50) 1,2-Dibromoethane	8.925	107	85605	51.185	ug/L	100
51) Chlorobenzene	9.449	112	204855	50.274	ug/L	100
52) Ethylbenzene	9.575	91	353457	52.145	ug/L	97
53) m,p-Xylene	9.697	106	140742	53.241	ug/L	100
54) o-xylene	10.105	106	134045	52.258	ug/L	98
55) Styrene	10.118	104	232774	53.153	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.784	83	127374	48.161	ug/L	100
59) Bromoform	10.295	173	61539	50.238	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	110636	48.335	ug/L	99
61) Isopropylbenzene	10.488	105	356734	52.508	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	303573	53.609	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	306687	54.132	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	162684	50.411	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	164792	49.409	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	162157	49.897	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	29881	49.004	ug/L	99
69) 1,3,5-Trichlorobenzene	13.221	180	120578	51.279	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	106532	51.054	ug/L	100
71) Naphthalene	14.086	128	394881	54.383	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	110529	51.944	ug/L	99

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

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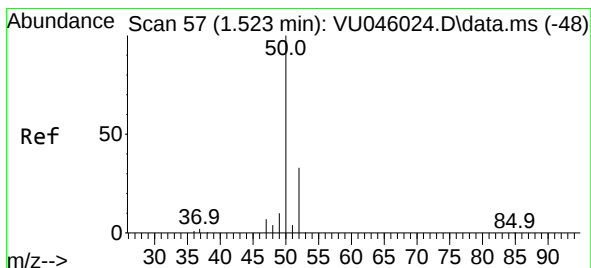
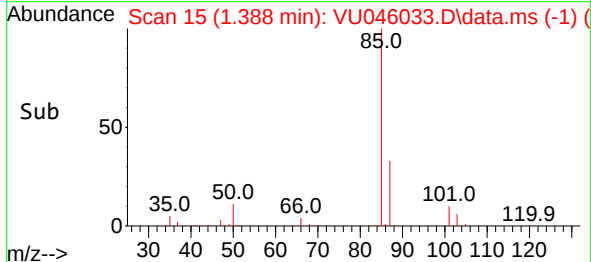
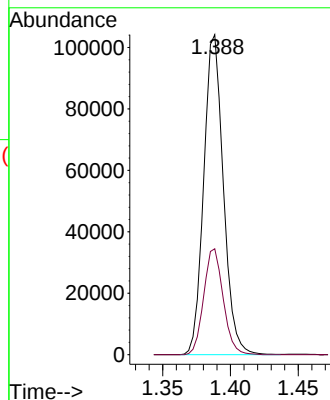
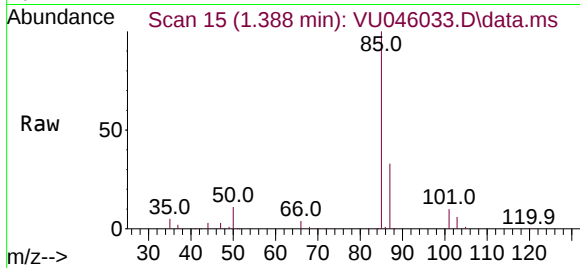




#2
Dichlorodifluoromethane
Concen: 49.245 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

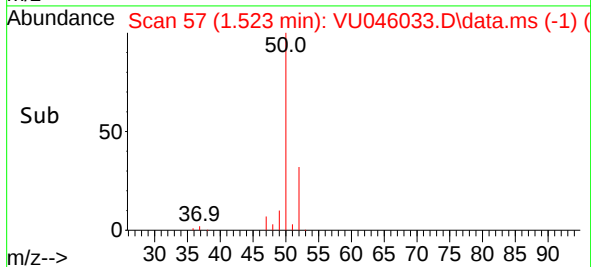
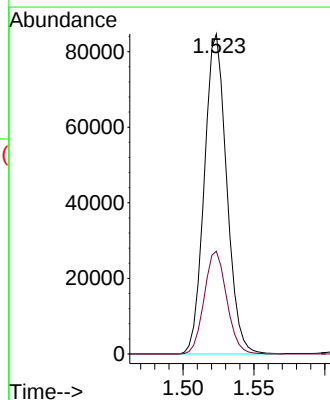
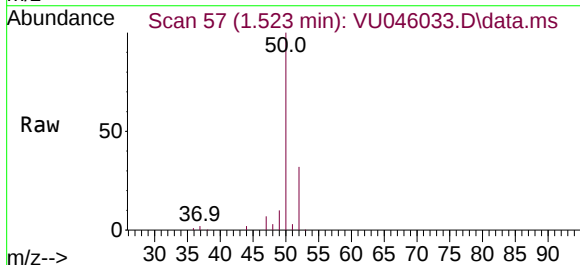
Instrument :
MSVOA_U
ClientSampleId :

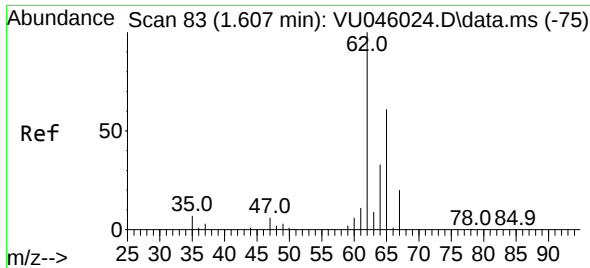
Tgt Ion: 85 Resp: 104890
Ion Ratio Lower Upper
85 100
87 32.8 25.7 38.5



#3
Chloromethane
Concen: 48.774 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

Tgt Ion: 50 Resp: 92920
Ion Ratio Lower Upper
50 100
52 32.1 23.2 43.2

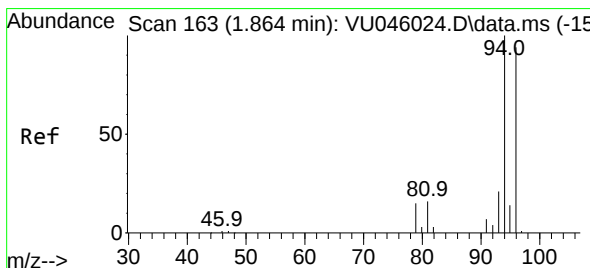
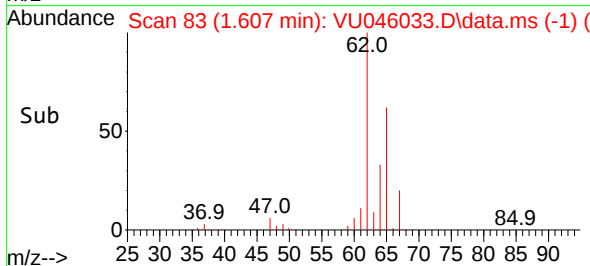
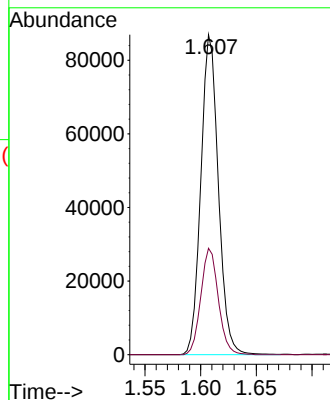
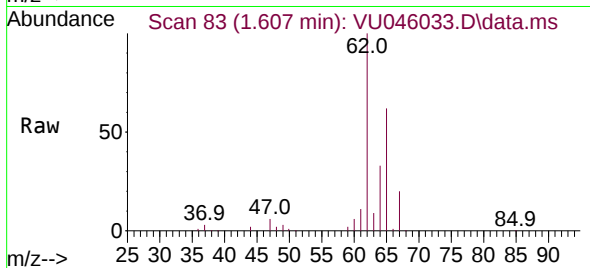




#5
 Vinyl chloride
 Concen: 49.574 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU046033.D
 Acq: 01 Dec 2021 10:06

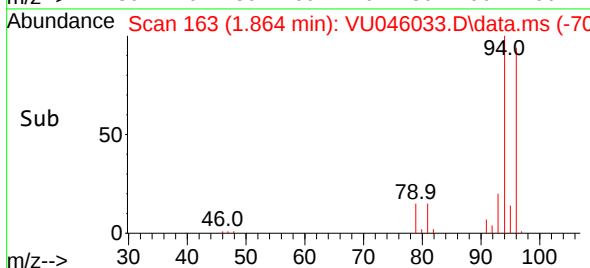
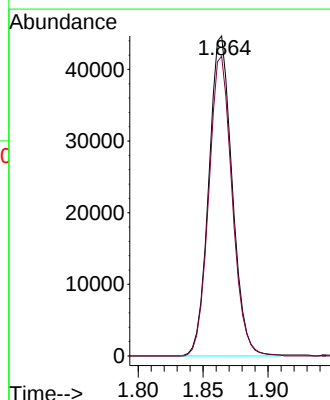
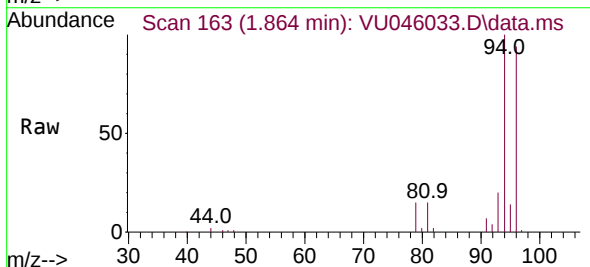
Instrument :
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 ClientSampleId :

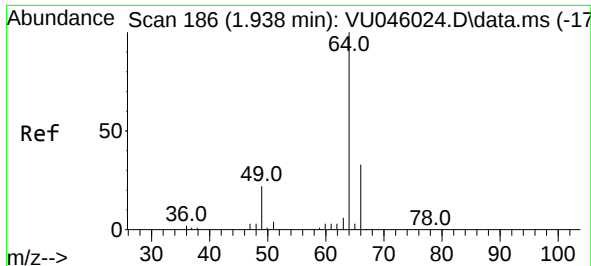
Tgt Ion: 62 Resp: 95228
 Ion Ratio Lower Upper
 62 100
 64 33.2 22.9 42.5



#6
 Bromomethane
 Concen: 51.322 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU046033.D
 Acq: 01 Dec 2021 10:06

Tgt Ion: 94 Resp: 55878
 Ion Ratio Lower Upper
 94 100
 96 93.7 67.4 125.2

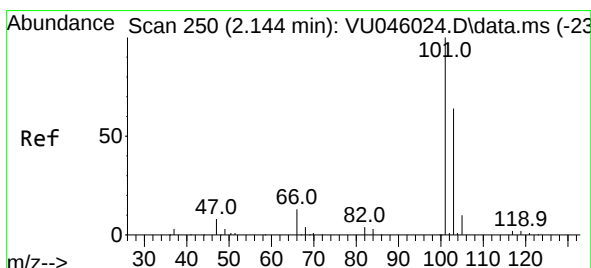
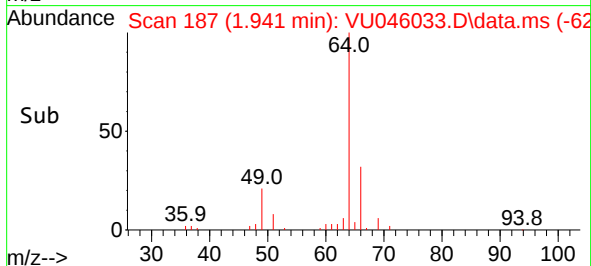
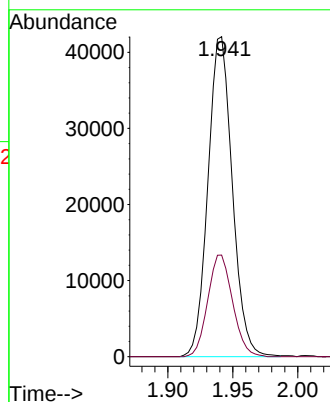
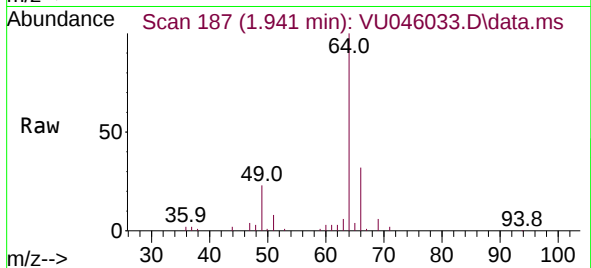




#8
Chloroethane
Concen: 49.278 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

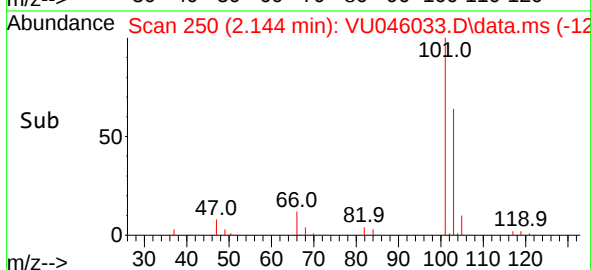
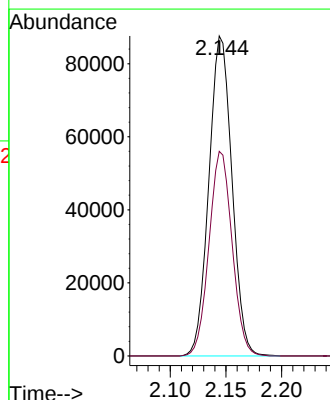
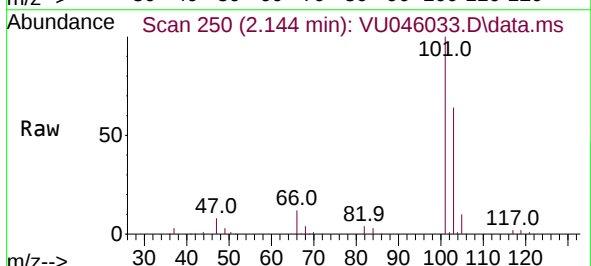
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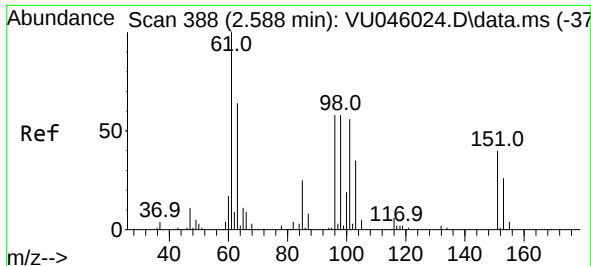
Tgt Ion: 64 Resp: 54808
Ion Ratio Lower Upper
64 100
66 31.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 50.322 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

Tgt Ion:101 Resp: 126202
Ion Ratio Lower Upper
101 100
103 63.9 51.8 77.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 50.871 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

Instrument :

MSVOA_U

ClientSampleId :

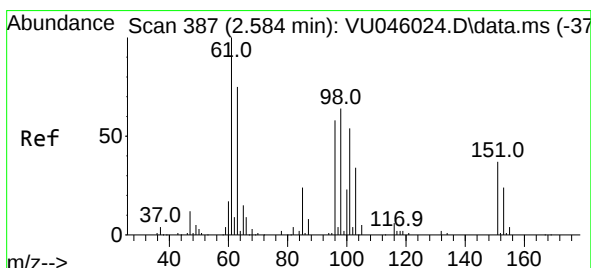
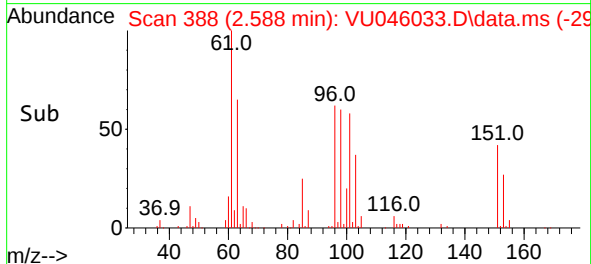
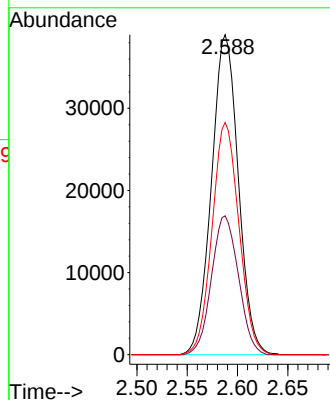
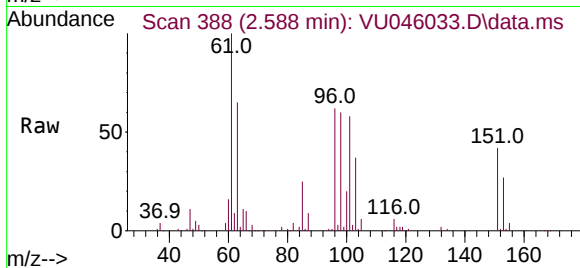
Tgt Ion:101 Resp: 72467

Ion Ratio Lower Upper

101 100

85 43.5 35.1 52.7

151 72.5 56.7 85.1



#12

1,1-Dichloroethene

Concen: 50.570 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

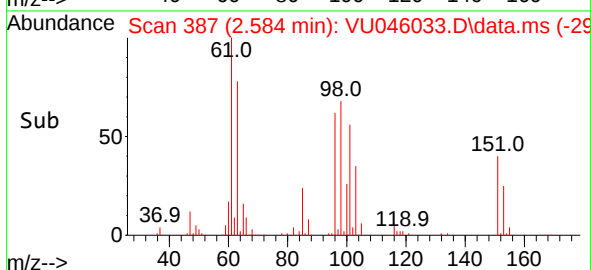
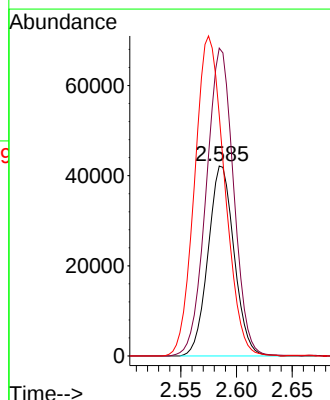
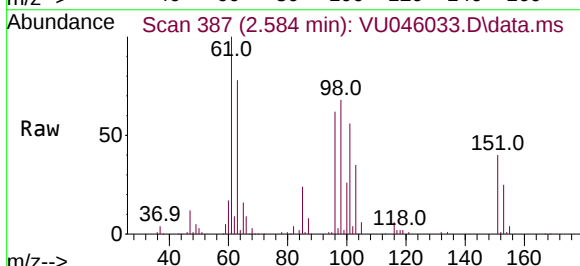
Tgt Ion: 96 Resp: 68454

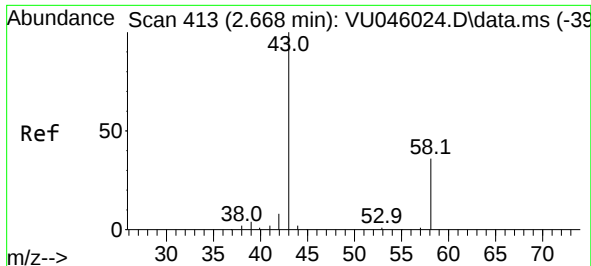
Ion Ratio Lower Upper

96 100

61 162.1 118.6 220.2

63 126.8 93.0 172.8





#13

Acetone

Concen: 89.680 ug/L

RT: 2.665 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

Instrument :

MSVOA_U

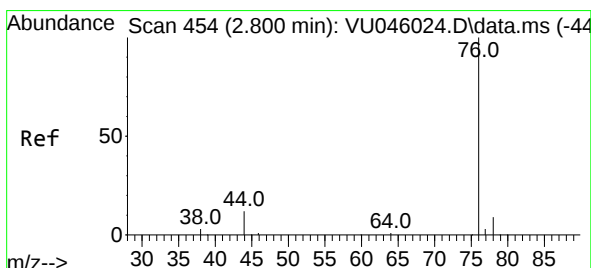
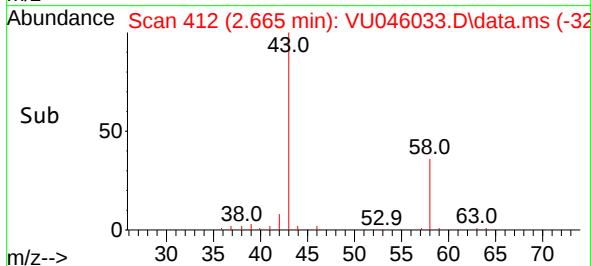
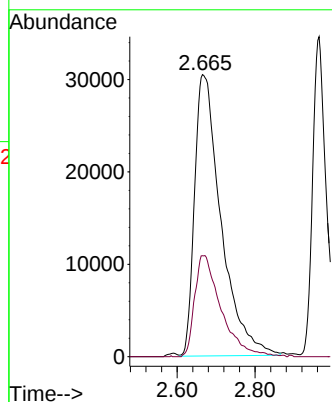
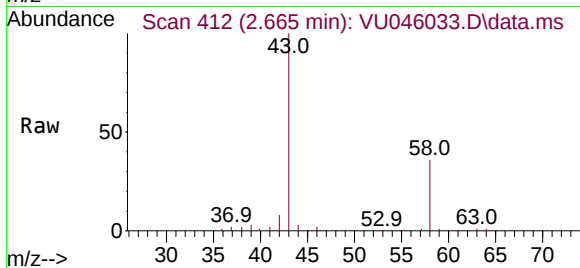
ClientSampleId :

Tgt Ion: 43 Resp: 143687

Ion Ratio Lower Upper

43 100

58 12.8 0.0 66.8



#14

Carbon disulfide

Concen: 49.053 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU046033.D

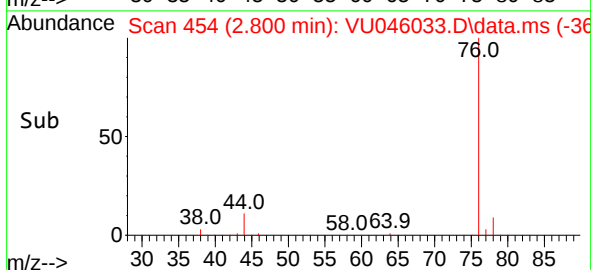
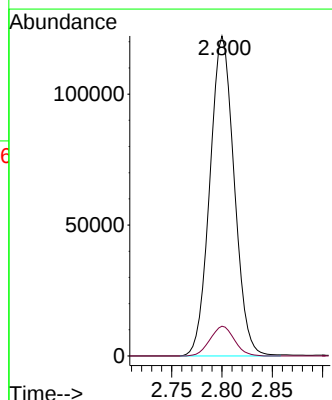
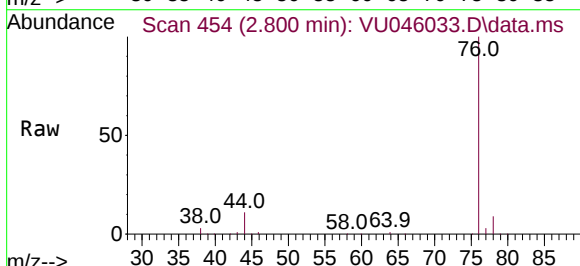
Acq: 01 Dec 2021 10:06

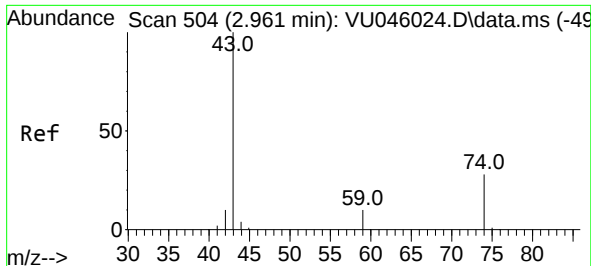
Tgt Ion: 76 Resp: 206012

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9

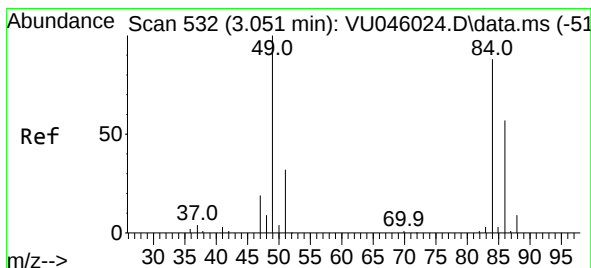
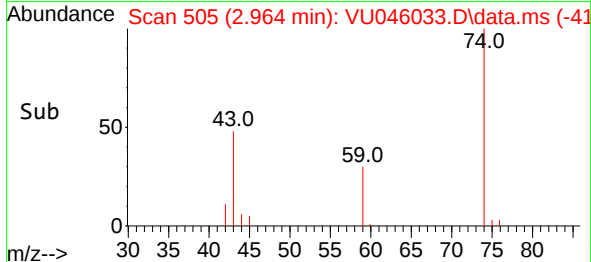
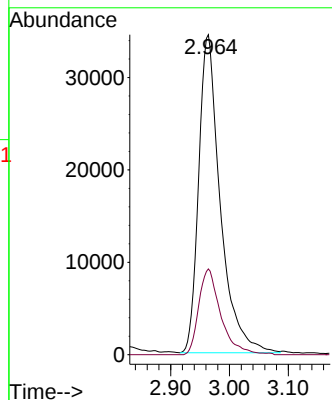
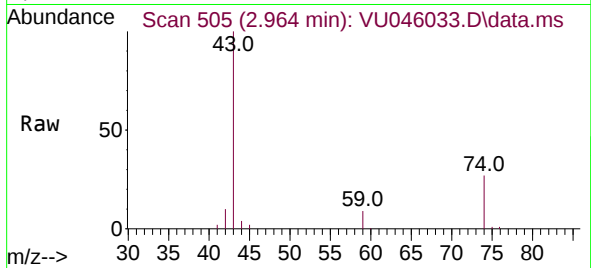




#15
Methyl Acetate
Concen: 47.058 ug/L
RT: 2.964 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

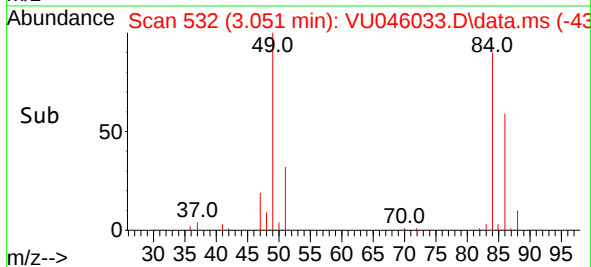
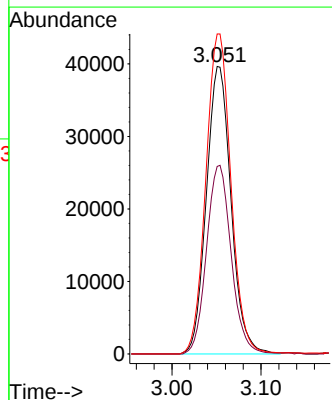
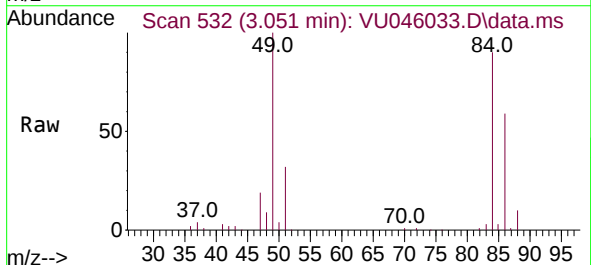
Instrument :
MSVOA_U
ClientSampleId :

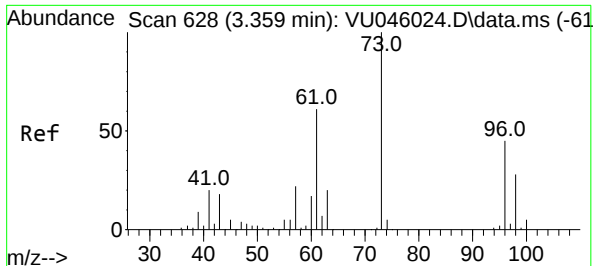
Tgt Ion: 43 Resp: 87894
Ion Ratio Lower Upper
43 100
74 27.3 20.8 31.2



#16
Methylene chloride
Concen: 47.405 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

Tgt Ion: 84 Resp: 76348
Ion Ratio Lower Upper
84 100
86 65.2 44.7 83.1
49 111.3 78.4 145.6





#17

trans-1,2-Dichloroethene

Concen: 49.385 ug/L

RT: 3.359 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

Instrument :

MSVOA_U

ClientSampleId :

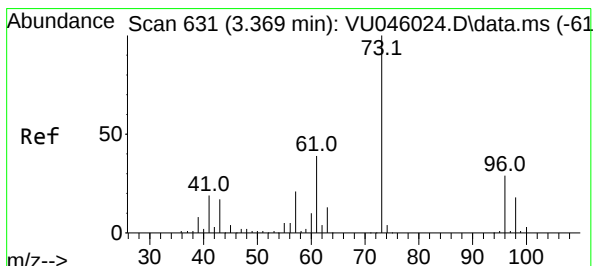
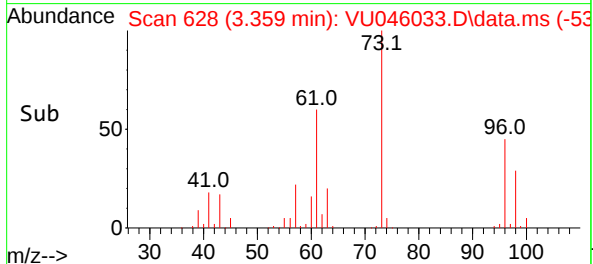
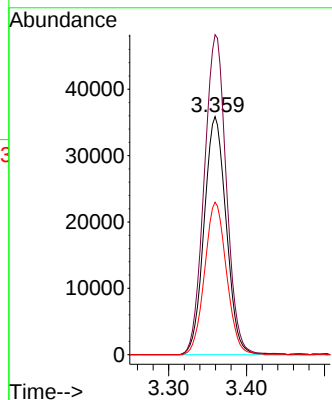
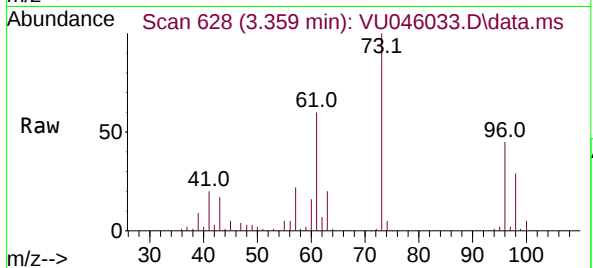
Tgt Ion: 96 Resp: 70745

Ion Ratio Lower Upper

96 100

61 134.4 94.6 175.6

98 64.1 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 50.870 ug/L

RT: 3.369 min Scan# 631

Delta R.T. 0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

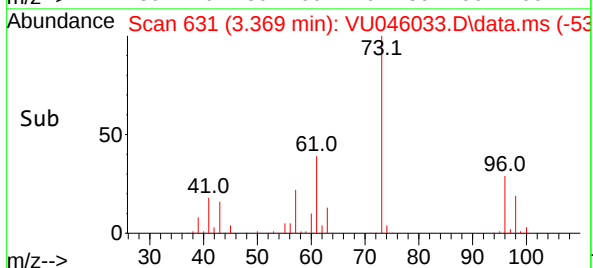
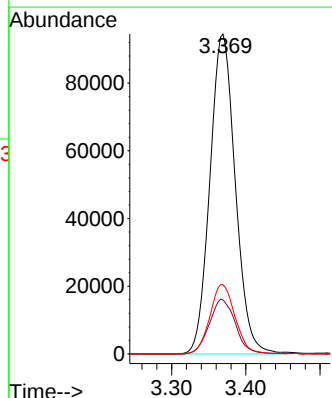
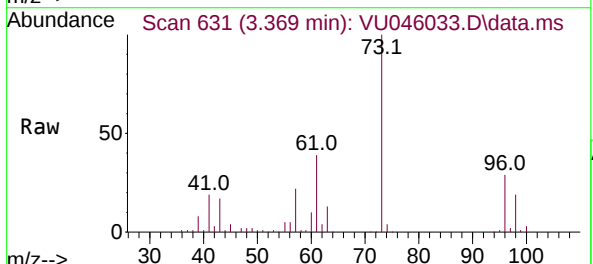
Tgt Ion: 73 Resp: 224583

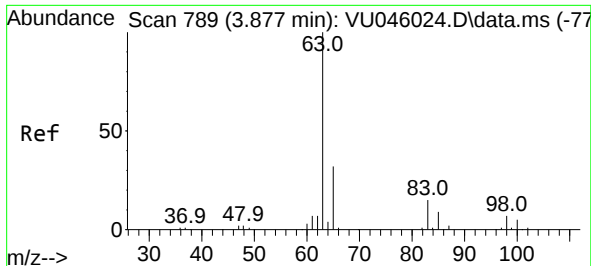
Ion Ratio Lower Upper

73 100

43 17.6 14.0 21.0

57 21.6 17.0 25.4





#19

1,1-Dichloroethane

Concen: 49.640 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

Instrument :

MSVOA_U

ClientSampleId :

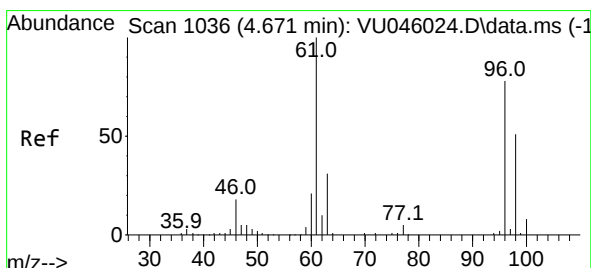
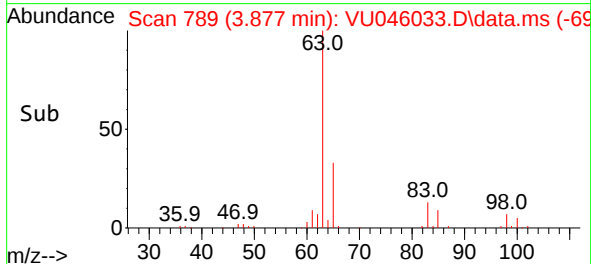
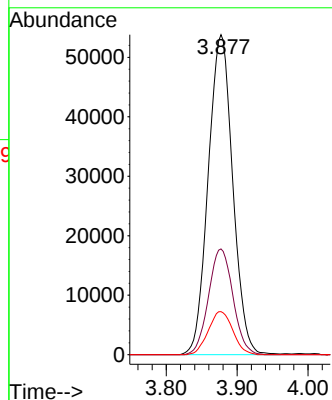
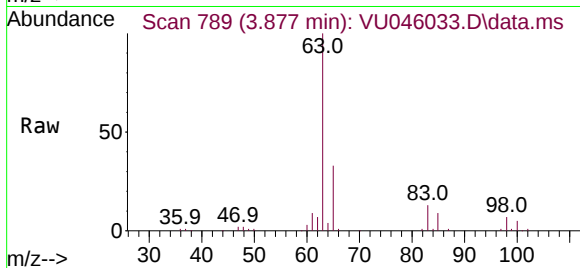
Tgt Ion: 63 Resp: 129295

Ion Ratio Lower Upper

63 100

65 33.1 22.8 42.4

83 13.4 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 50.180 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

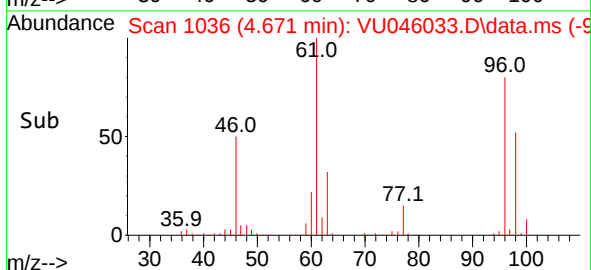
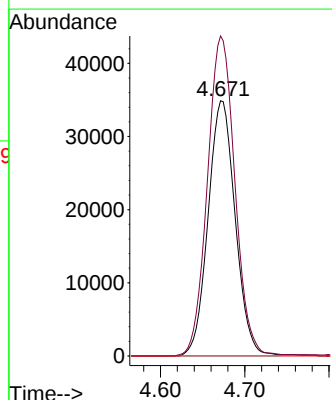
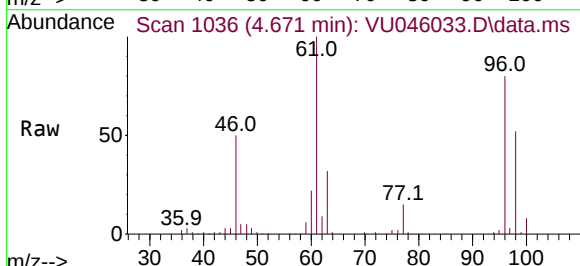
Tgt Ion: 96 Resp: 77998

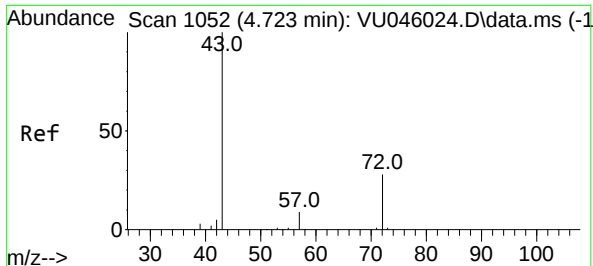
Ion Ratio Lower Upper

96 100

61 125.4 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 94.058 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.003 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

Instrument :

MSVOA_U

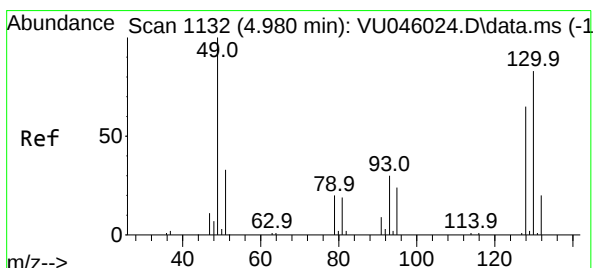
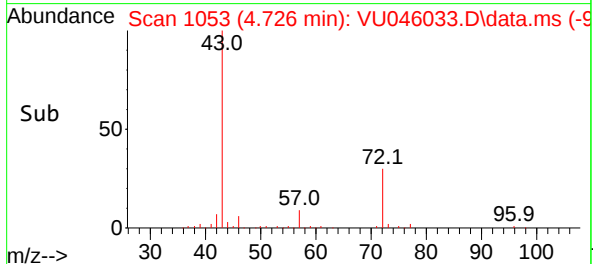
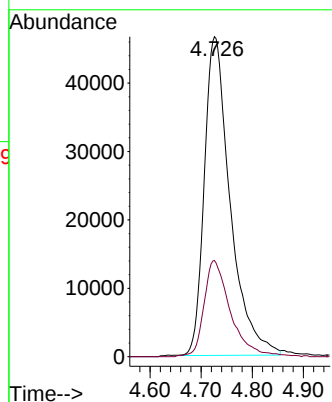
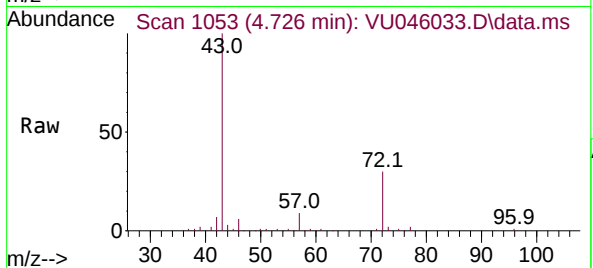
ClientSampleId :

Tgt Ion: 43 Resp: 164053

Ion Ratio Lower Upper

43 100

72 30.5 14.5 43.6



#23

Bromochloromethane

Concen: 51.348 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

Tgt Ion:128 Resp: 40311

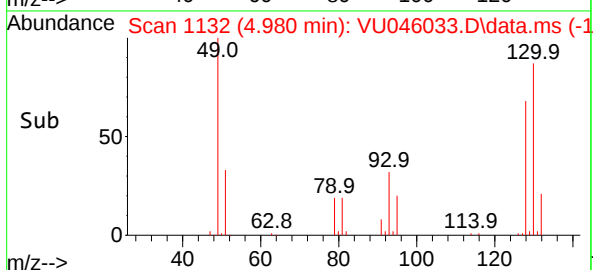
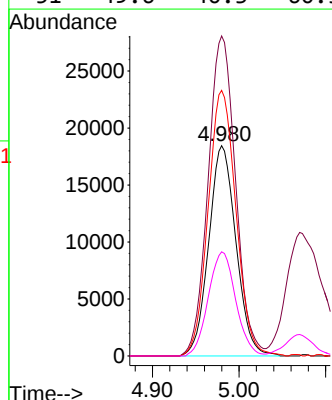
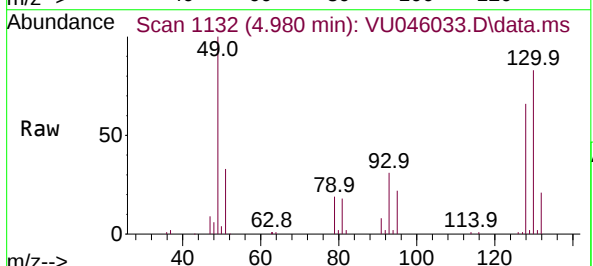
Ion Ratio Lower Upper

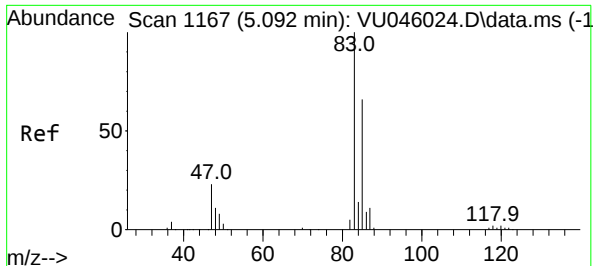
128 100

49 152.2 115.9 215.3

130 126.4 91.8 170.4

51 49.6 40.3 60.5





#25

Chloroform

Concen: 48.932 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

Instrument :

MSVOA_U

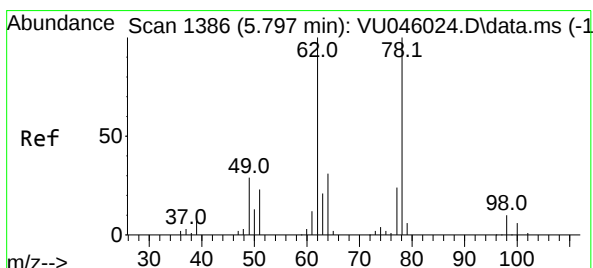
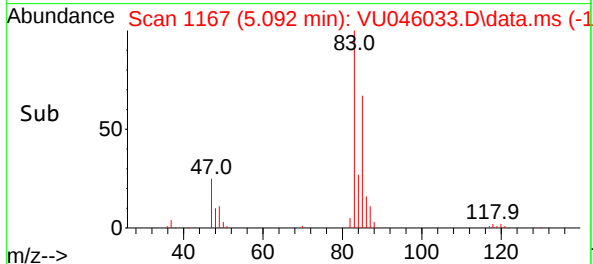
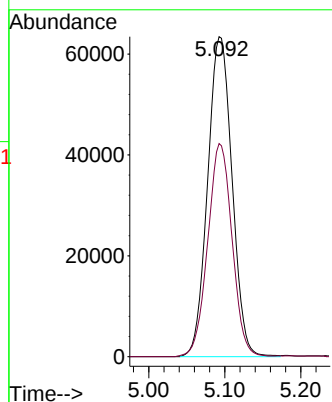
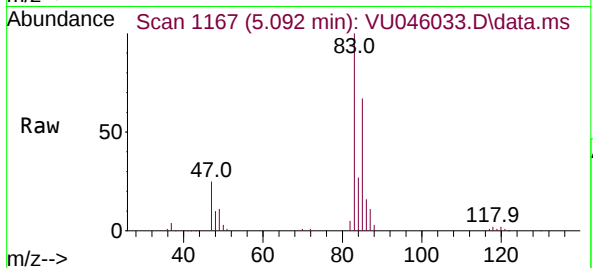
ClientSampleId :

Tgt Ion: 83 Resp: 141608

Ion Ratio Lower Upper

83 100

85 66.6 45.8 85.2



#27

1,2-Dichloroethane

Concen: 49.194 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. 0.003 min

Lab File: VU046033.D

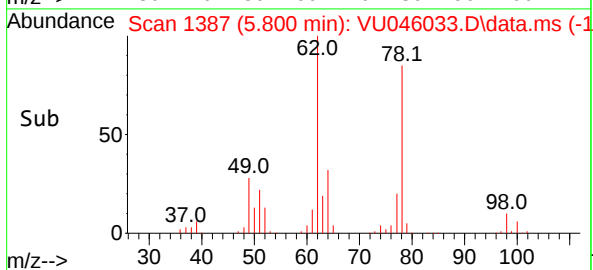
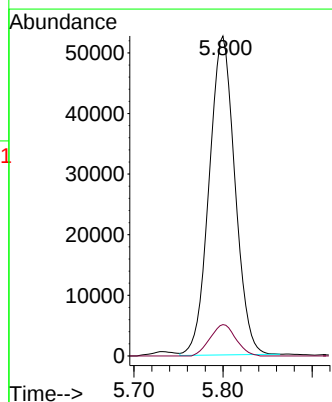
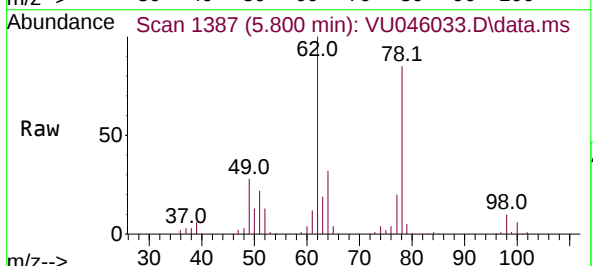
Acq: 01 Dec 2021 10:06

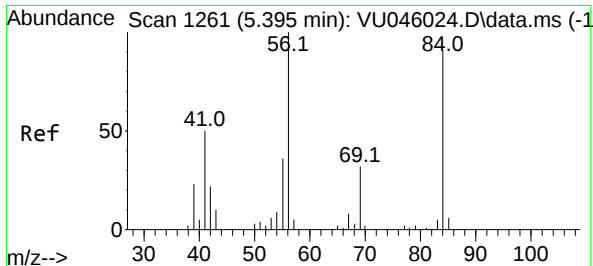
Tgt Ion: 62 Resp: 105644

Ion Ratio Lower Upper

62 100

98 9.8 7.9 11.9

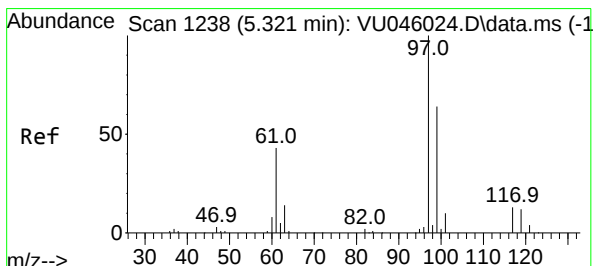
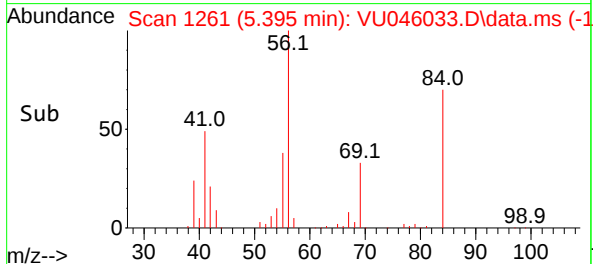
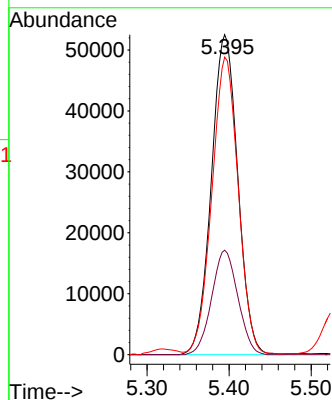
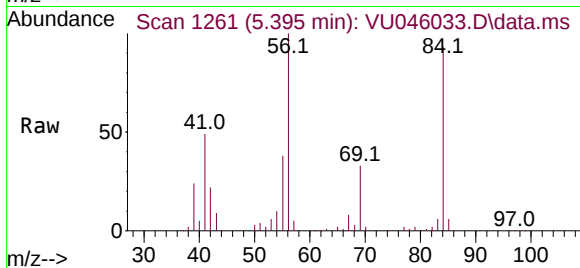




#29
Cyclohexane
Concen: 52.163 ug/L
RT: 5.395 min Scan# 117798
Delta R.T. -0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

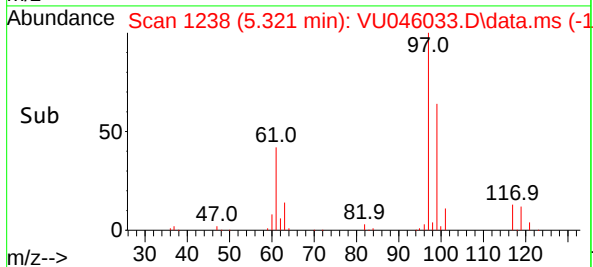
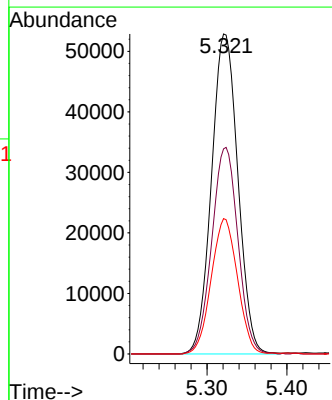
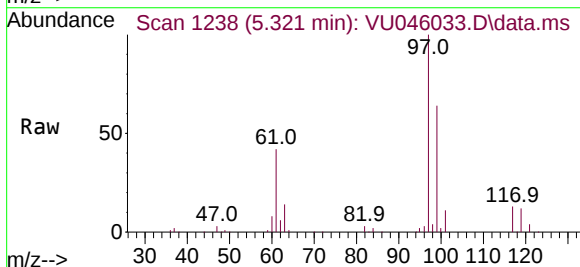
Instrument :
MSVOA_U
ClientSampleId :

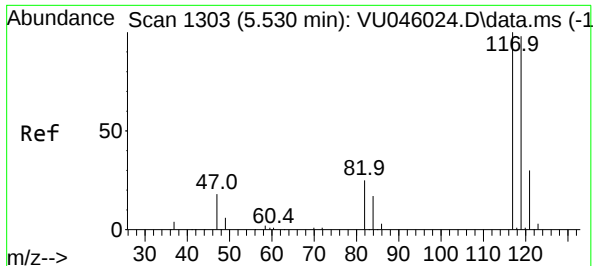
Tgt Ion: 56 Resp: 117798
Ion Ratio Lower Upper
56 100
69 32.3 25.2 37.8
84 92.5 73.3 109.9



#30
1,1,1-Trichloroethane
Concen: 50.921 ug/L
RT: 5.321 min Scan# 1238
Delta R.T. 0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

Tgt Ion: 97 Resp: 121221
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.6
61 42.1 34.4 51.6

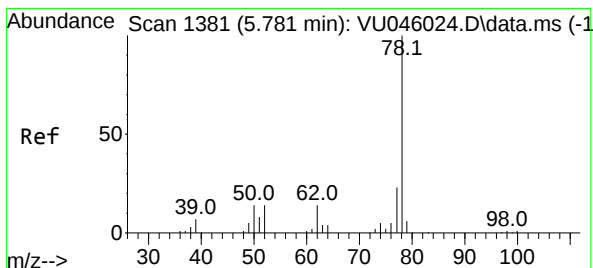
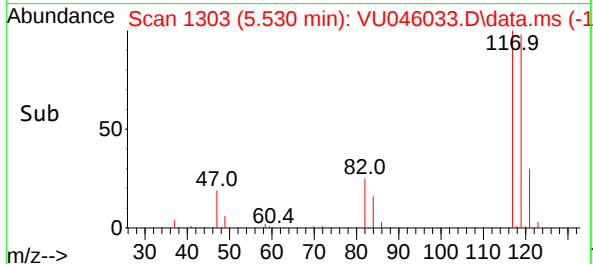
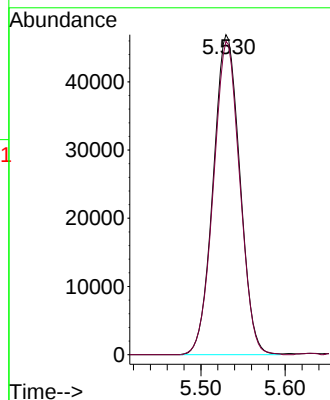
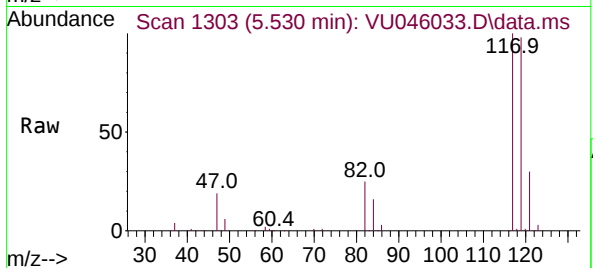




#31
Carbon tetrachloride
Concen: 50.933 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

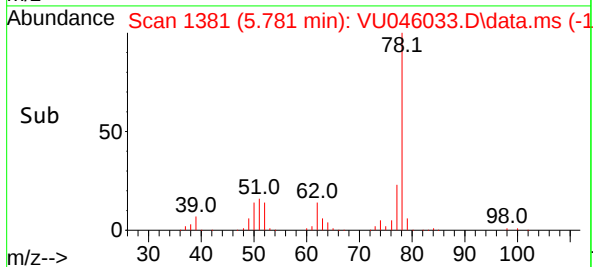
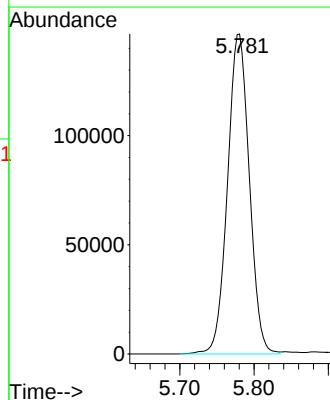
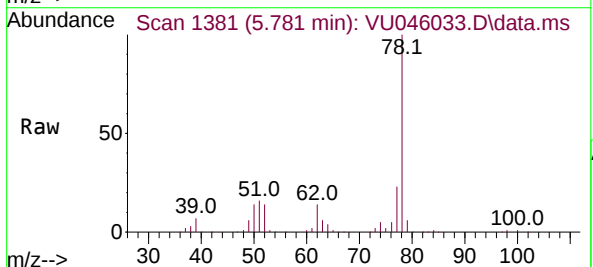
Instrument :
MSVOA_U
ClientSampleId :

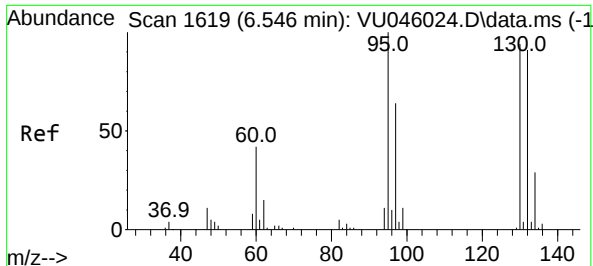
Tgt Ion:117 Resp: 102937
Ion Ratio Lower Upper
117 100
119 96.7 75.7 113.5



#33
Benzene
Concen: 50.947 ug/L
RT: 5.781 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

Tgt Ion: 78 Resp: 299048

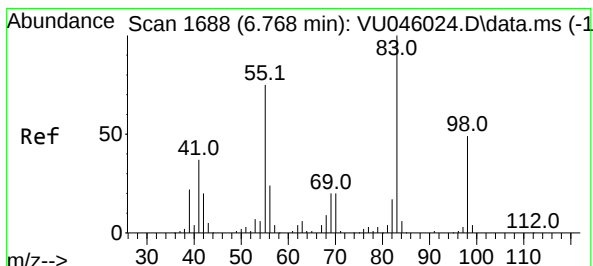
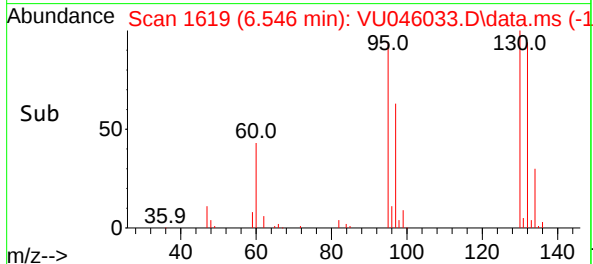
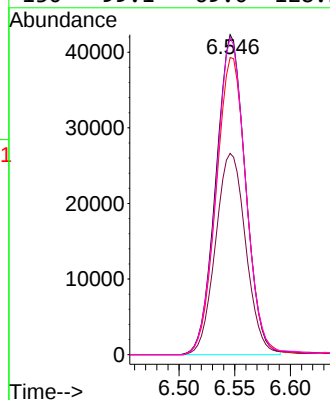
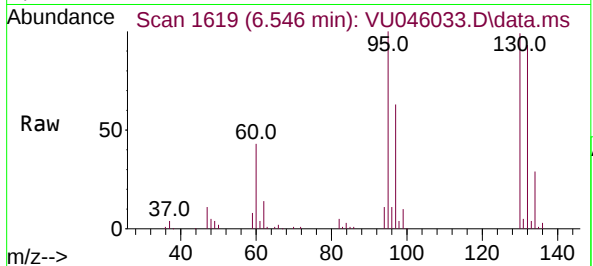




#34
Trichloroethene
Concen: 50.361 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

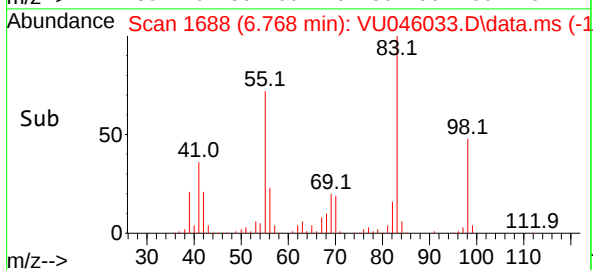
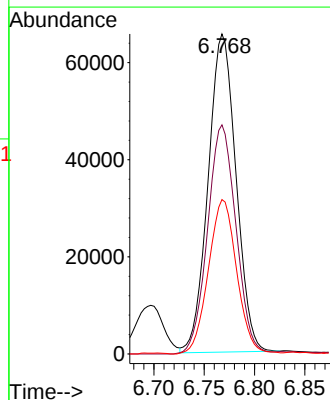
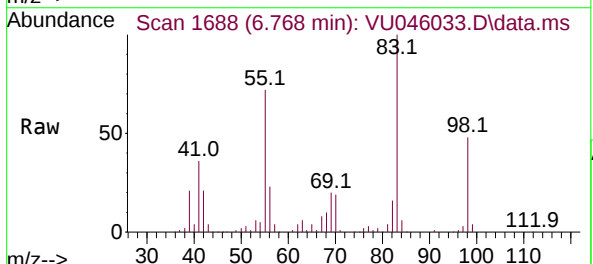
Instrument :
MSVOA_U
ClientSampleId :

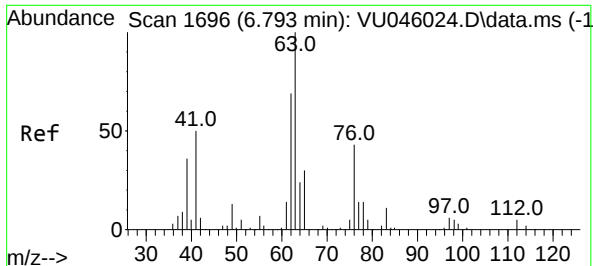
Tgt Ion: 95 Resp: 77875
Ion Ratio Lower Upper
95 100
97 62.9 44.1 81.9
132 92.9 66.8 124.0
130 99.1 69.0 128.1



#35
Methylcyclohexane
Concen: 52.715 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

Tgt Ion: 83 Resp: 126392
Ion Ratio Lower Upper
83 100
55 73.4 57.8 86.6
98 49.3 38.4 57.6





#37

1,2-Dichloropropane

Concen: 50.320 ug/L

RT: 6.797 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

Instrument :

MSVOA_U

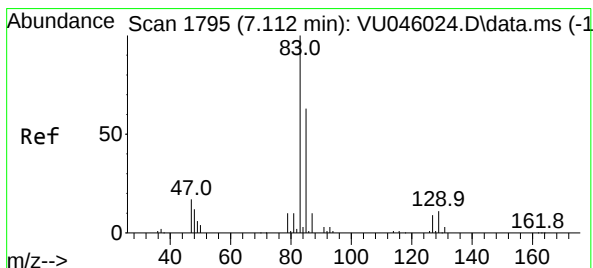
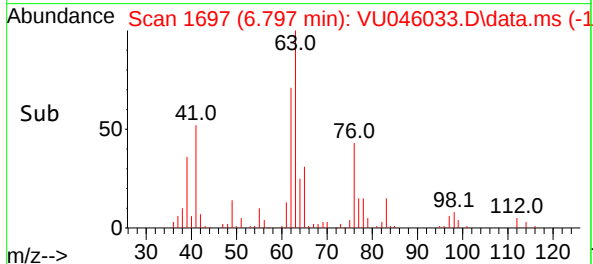
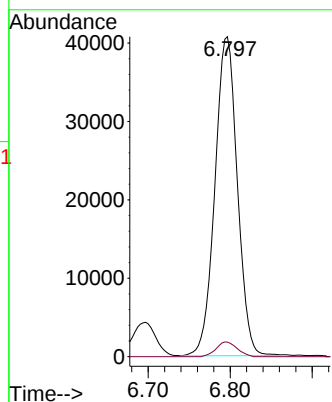
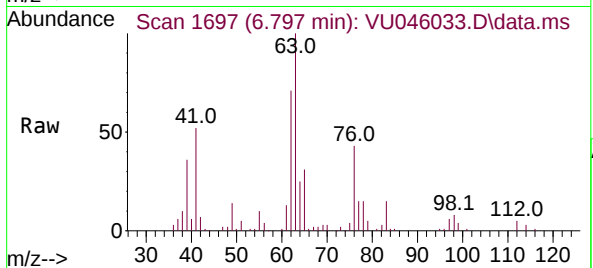
ClientSampleId :

Tgt Ion: 63 Resp: 77373

Ion Ratio Lower Upper

63 100

112 4.3 3.8 5.6



#38

Bromodichloromethane

Concen: 50.277 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.003 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

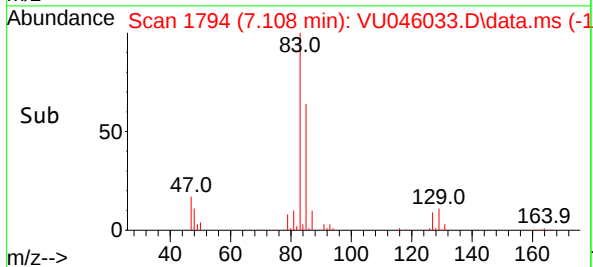
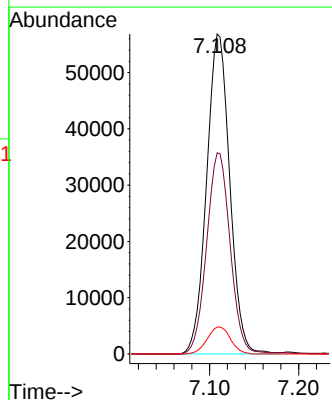
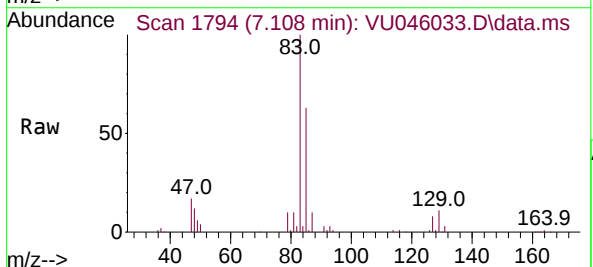
Tgt Ion: 83 Resp: 102754

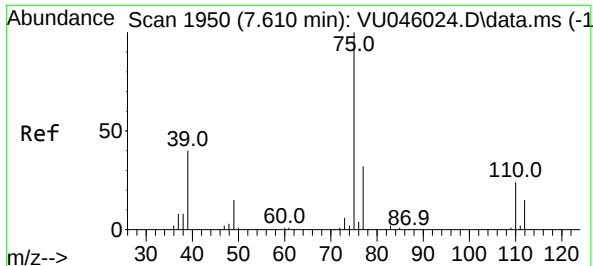
Ion Ratio Lower Upper

83 100

85 62.9 44.4 82.5

127 8.4 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 52.577 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

Instrument :

MSVOA_U

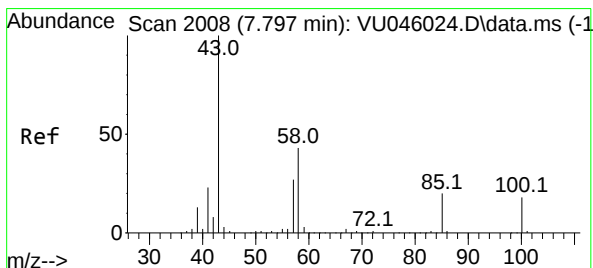
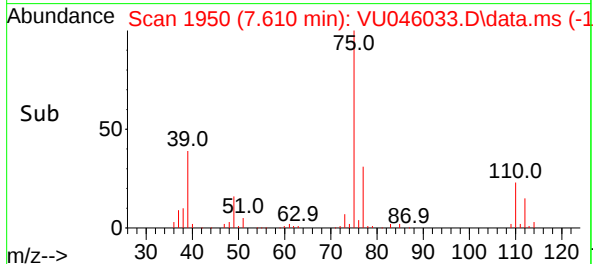
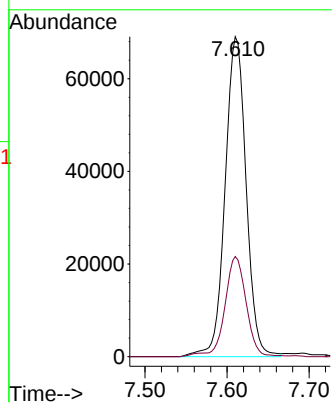
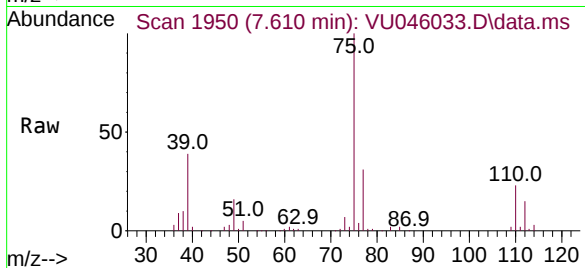
ClientSampleId :

Tgt Ion: 75 Resp: 122986

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 102.414 ug/L

RT: 7.797 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

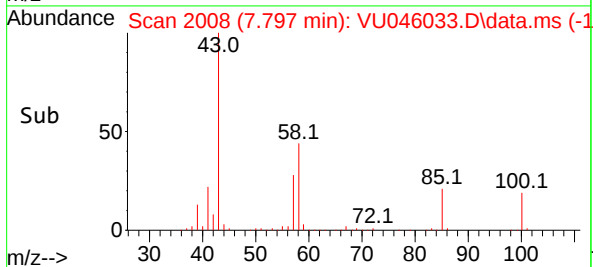
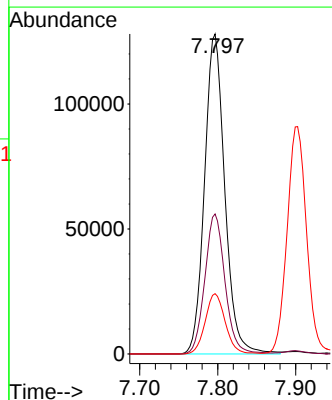
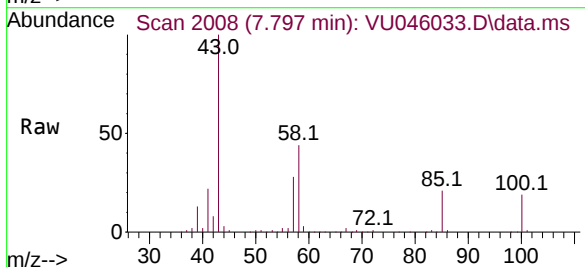
Tgt Ion: 43 Resp: 231367

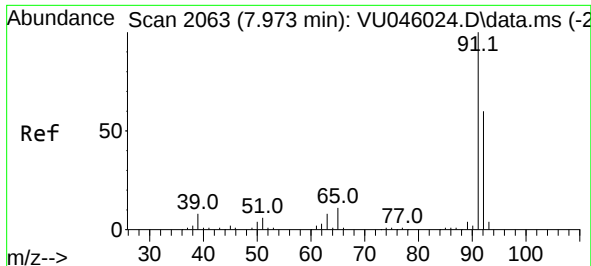
Ion Ratio Lower Upper

43 100

58 43.6 34.2 51.4

100 18.6 14.5 21.7





#42

Toluene

Concen: 51.947 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

Instrument :

MSVOA_U

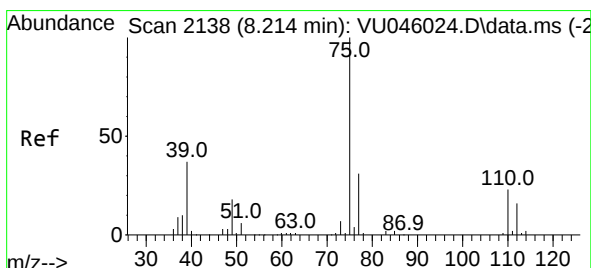
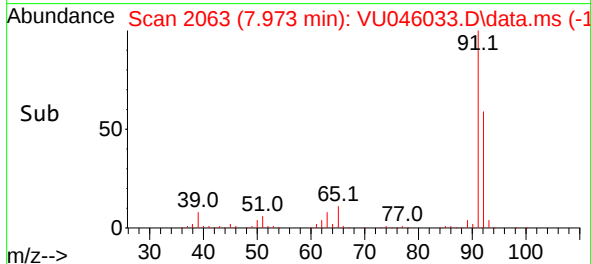
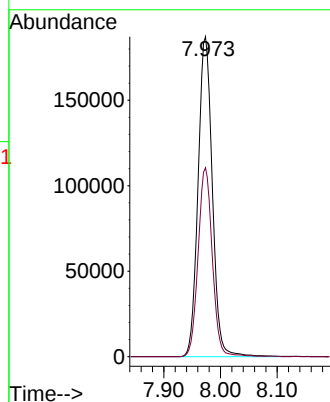
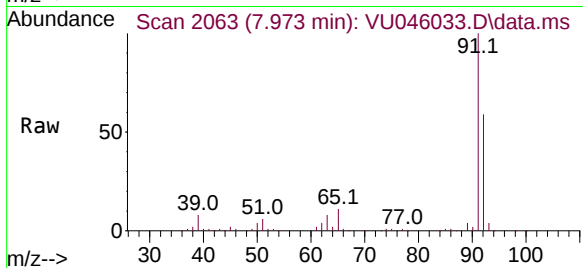
ClientSampleId :

Tgt Ion: 91 Resp: 327183

Ion Ratio Lower Upper

91 100

92 59.1 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 51.858 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.000 min

Lab File: VU046033.D

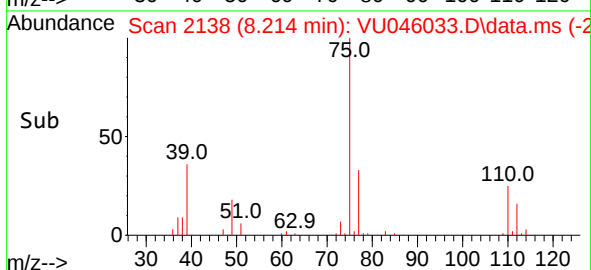
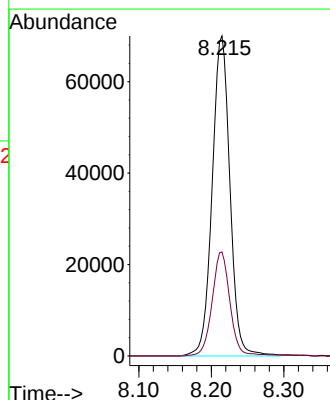
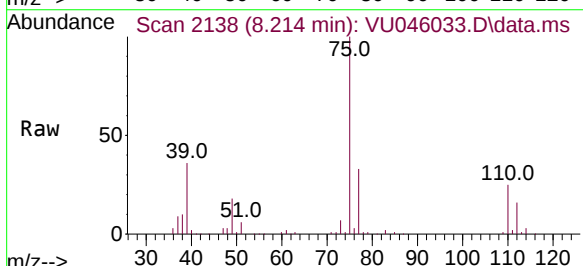
Acq: 01 Dec 2021 10:06

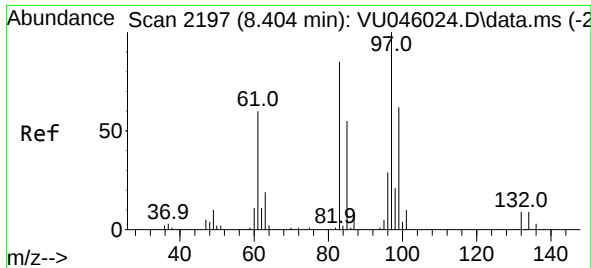
Tgt Ion: 75 Resp: 119141

Ion Ratio Lower Upper

75 100

77 32.5 21.7 40.3

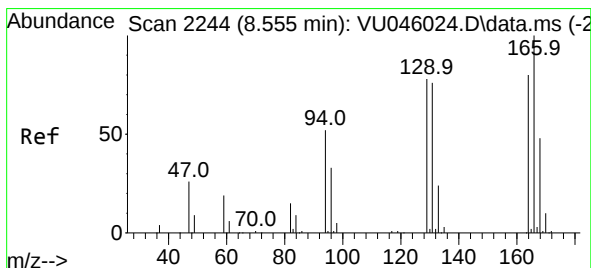
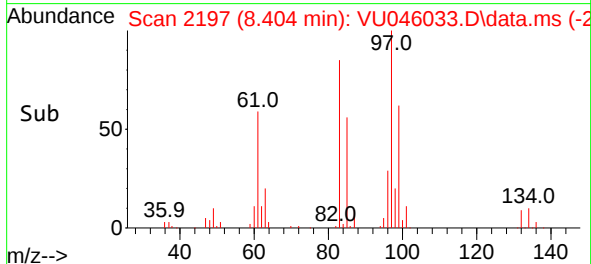
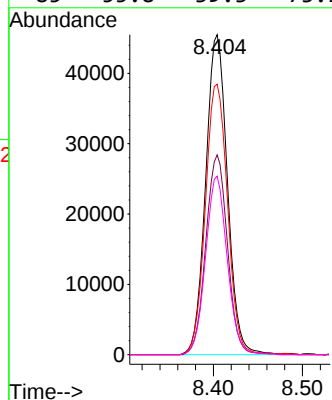
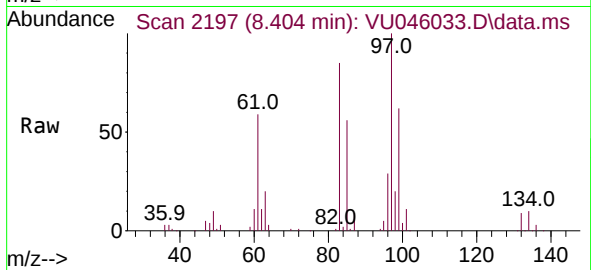




#45
1,1,2-Trichloroethane
Concen: 50.081 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

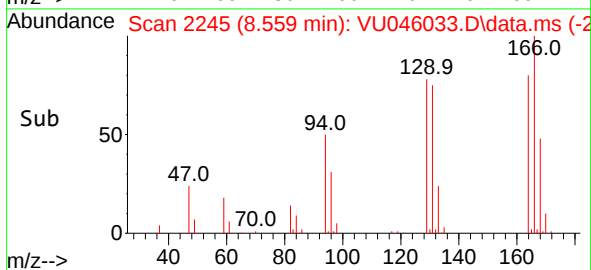
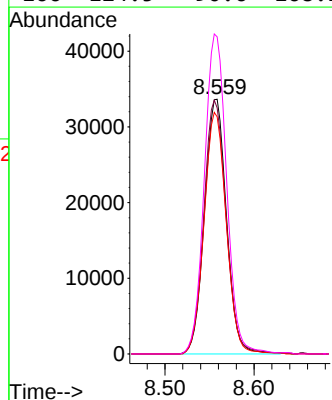
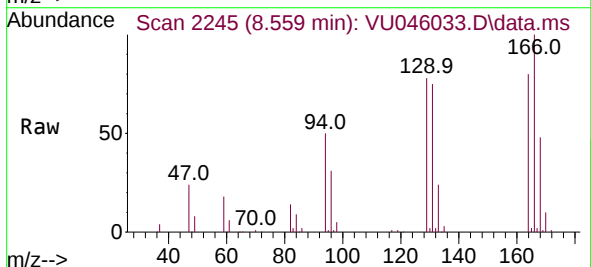
Instrument :
MSVOA_U
ClientSampleId :

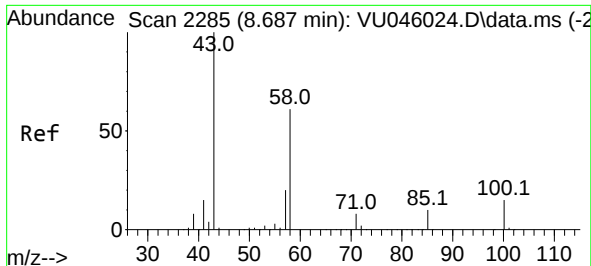
Tgt Ion: 97	Resp: 77257
Ion Ratio	Lower Upper
97 100	
99 62.4	44.7 82.9
83 84.5	60.2 111.8
85 55.8	39.3 73.1



#46
Tetrachloroethene
Concen: 50.813 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

Tgt	Ion:164	Resp:	57742
Ion	Ratio	Lower	Upper
164	100		
129	96.6	71.1	132.1
131	93.1	67.8	126.0
166	124.5	90.6	168.2

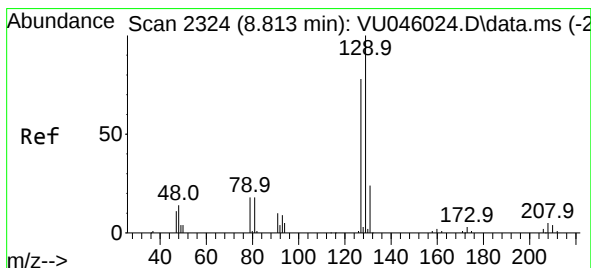
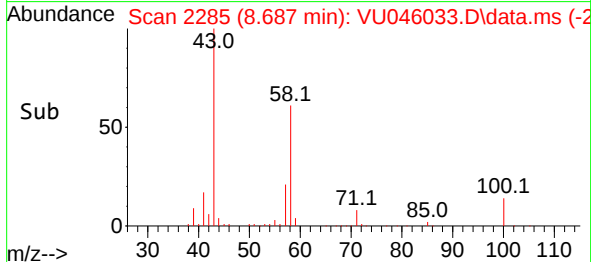
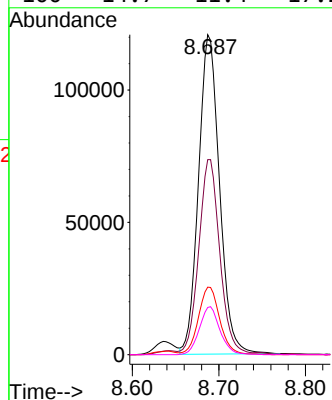
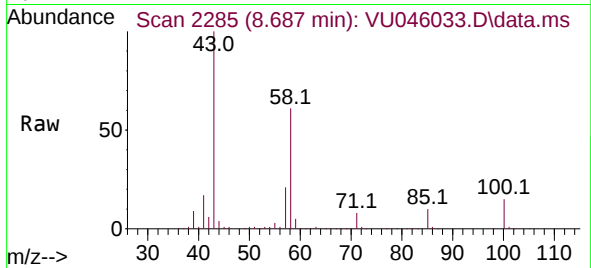




#48
2-Hexanone
Concen: 100.784 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

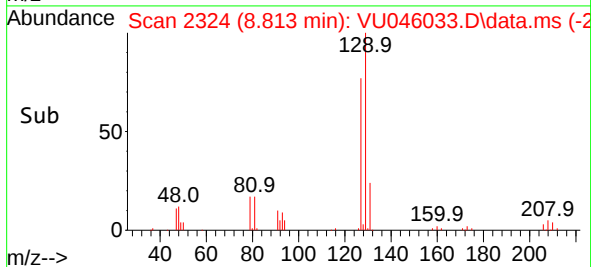
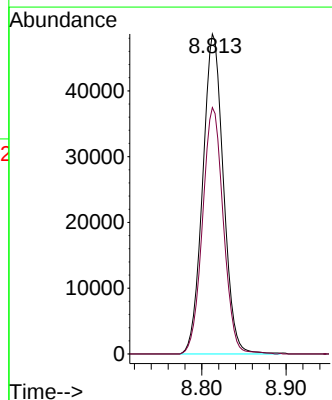
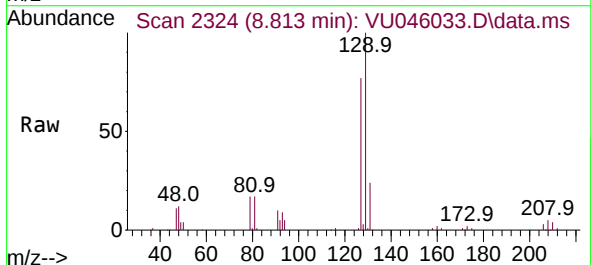
Instrument :
MSVOA_U
ClientSampleId :

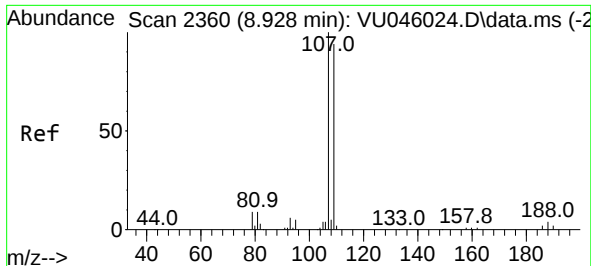
Tgt Ion: 43 Resp: 203624
Ion Ratio Lower Upper
43 100
58 60.0 47.4 71.2
57 21.7 16.6 25.0
100 14.7 11.4 17.2



#49
Dibromochloromethane
Concen: 51.401 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

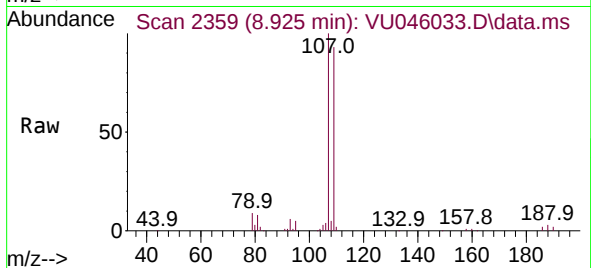
Tgt Ion: 129 Resp: 83266
Ion Ratio Lower Upper
129 100
127 77.0 55.6 103.4



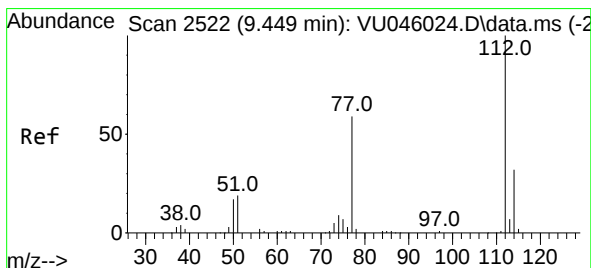
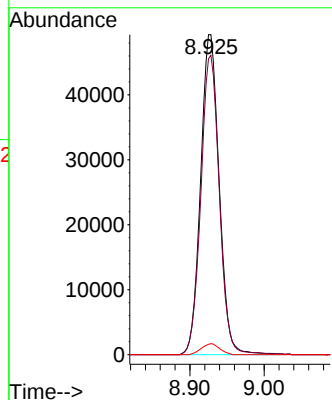
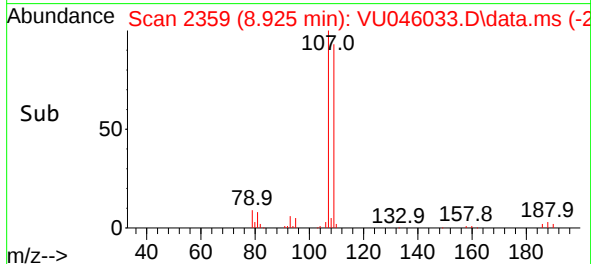


#50
1,2-Dibromoethane
Concen: 51.185 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

Instrument :
MSVOA_U
ClientSampleId :

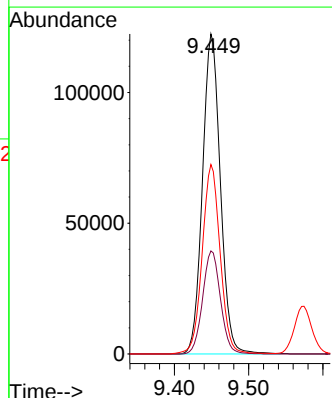
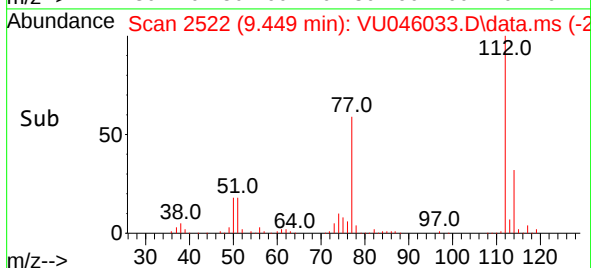
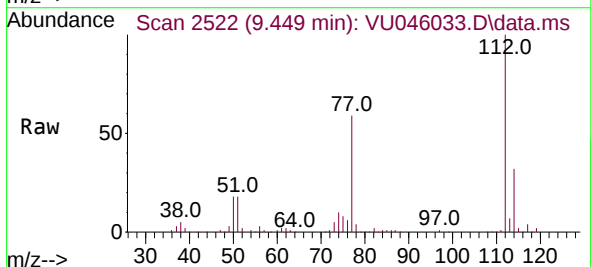


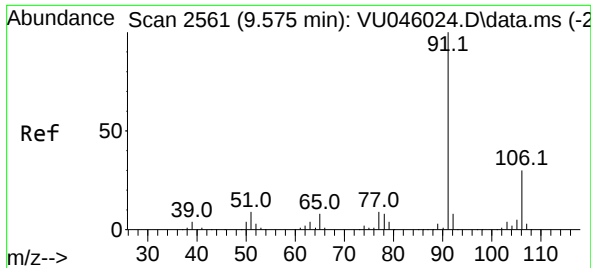
Tgt Ion:107 Resp: 85605
Ion Ratio Lower Upper
107 100
109 92.5 64.9 120.5
188 3.3 2.6 3.8



#51
Chlorobenzene
Concen: 50.274 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

Tgt Ion:112 Resp: 204855
Ion Ratio Lower Upper
112 100
114 32.2 22.2 41.2
77 59.2 47.4 71.0

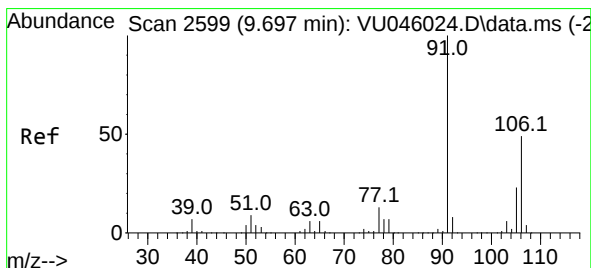
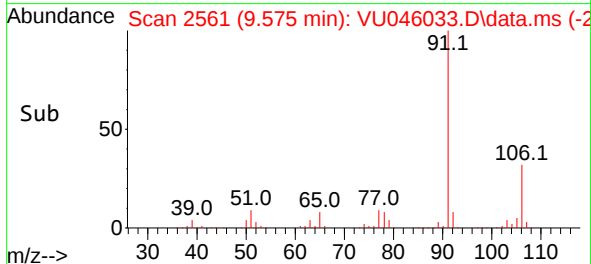
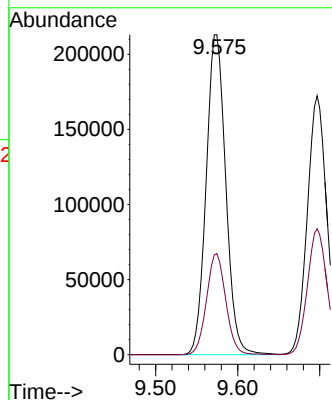
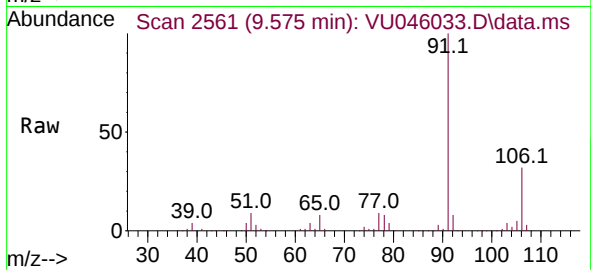




#52
Ethylbenzene
Concen: 52.145 ug/L
RT: 9.575 min Scan# 2561
Delta R.T. 0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

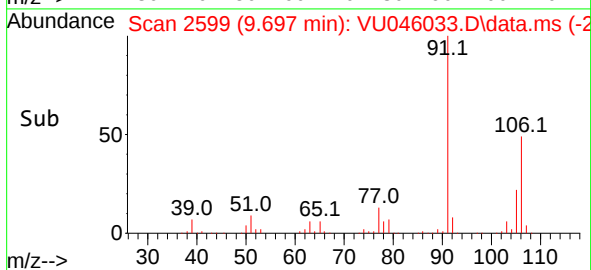
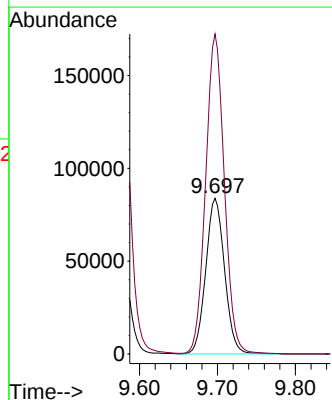
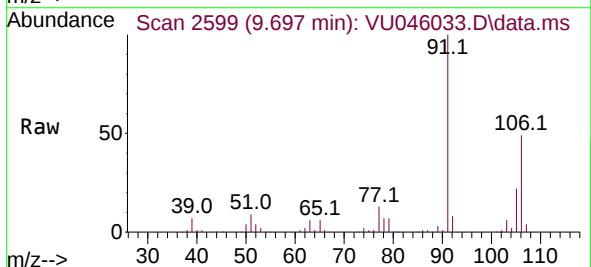
Instrument :
MSVOA_U
ClientSampleId :

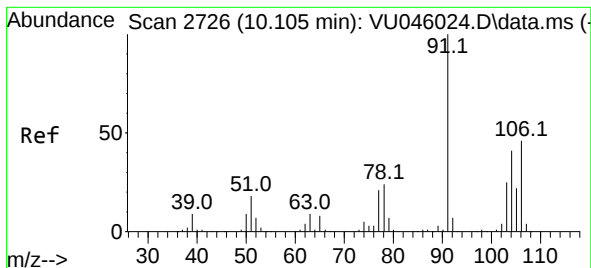
Tgt Ion: 91 Resp: 353457
Ion Ratio Lower Upper
91 100
106 31.6 21.1 39.3



#53
m,p-Xylene
Concen: 53.241 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

Tgt Ion: 106 Resp: 140742
Ion Ratio Lower Upper
106 100
91 205.6 144.3 268.1





#54

o-xylene

Concen: 52.258 ug/L

RT: 10.105 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

Instrument :

MSVOA_U

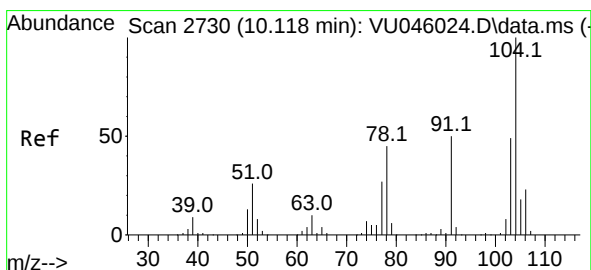
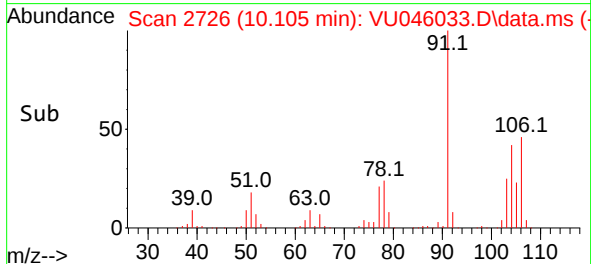
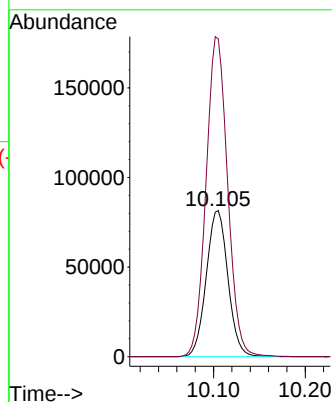
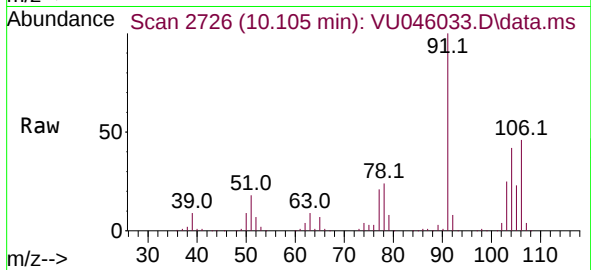
ClientSampleId :

Tgt Ion:106 Resp: 134045

Ion Ratio Lower Upper

106 100

91 217.7 154.2 286.4



#55

Styrene

Concen: 53.153 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. -0.000 min

Lab File: VU046033.D

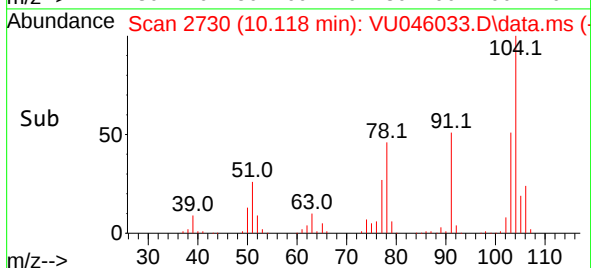
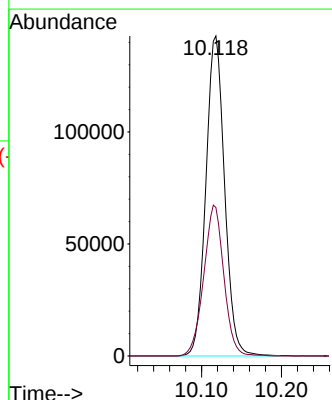
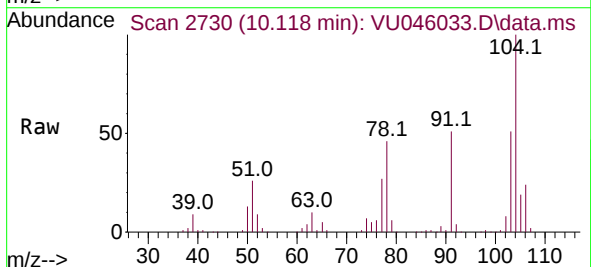
Acq: 01 Dec 2021 10:06

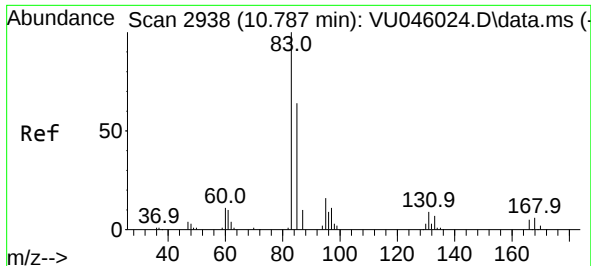
Tgt Ion:104 Resp: 232774

Ion Ratio Lower Upper

104 100

78 46.4 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 48.161 ug/L

RT: 10.784 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

Instrument :

MSVOA_U

ClientSampleId :

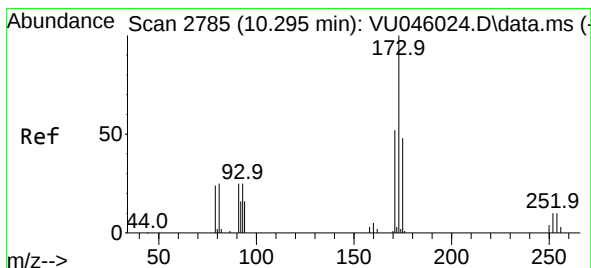
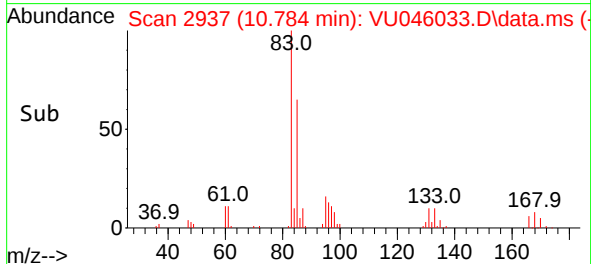
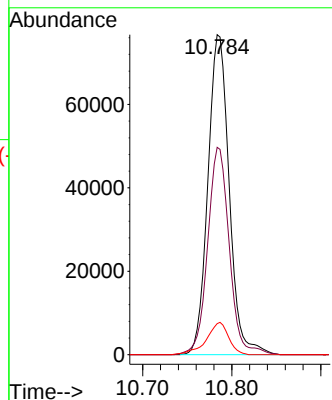
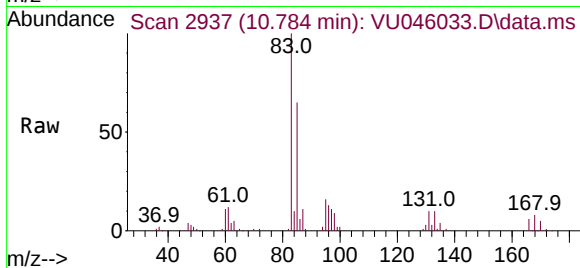
Tgt Ion: 83 Resp: 127374

Ion Ratio Lower Upper

83 100

85 64.8 45.6 84.6

131 9.7 7.8 11.6



#59

Bromoform

Concen: 50.238 ug/L

RT: 10.295 min Scan# 2785

Delta R.T. 0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

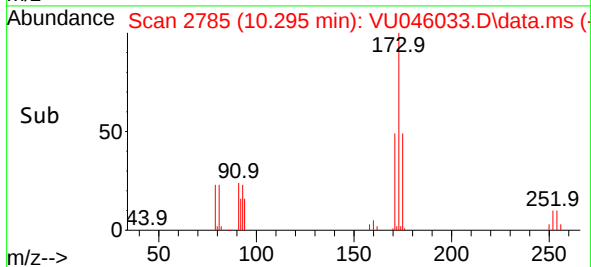
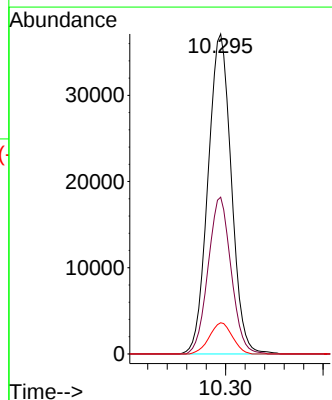
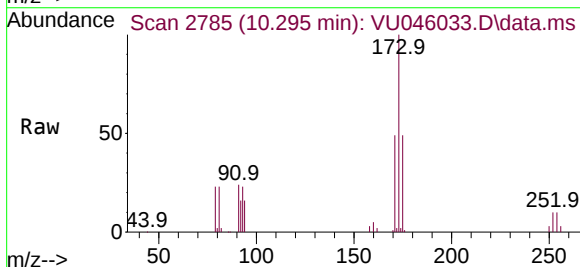
Tgt Ion:173 Resp: 61539

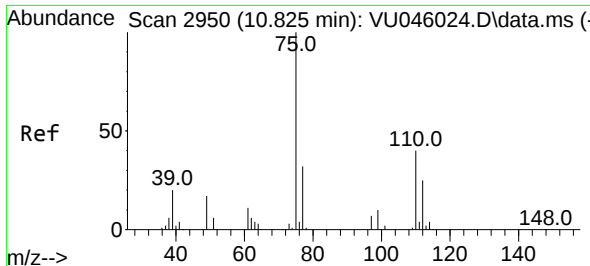
Ion Ratio Lower Upper

173 100

175 48.4 39.2 58.8

254 9.6 7.4 11.2

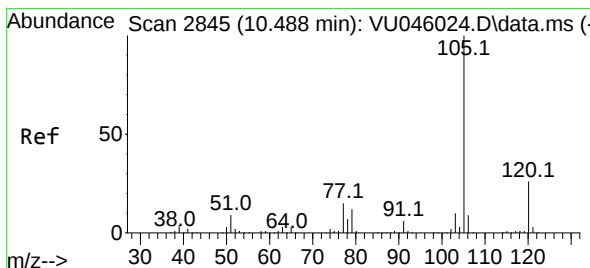
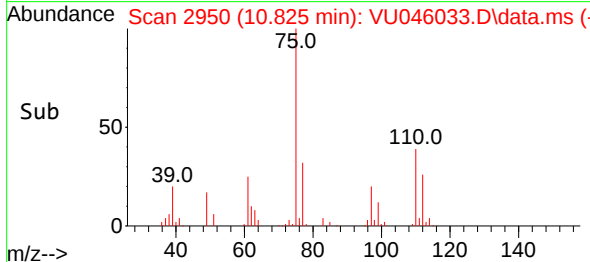
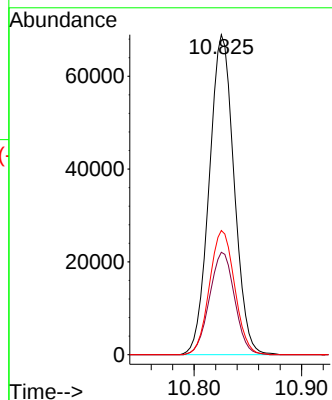
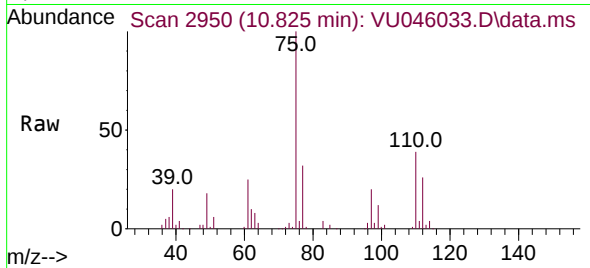




#60
1,2,3-Trichloropropane
Concen: 48.335 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

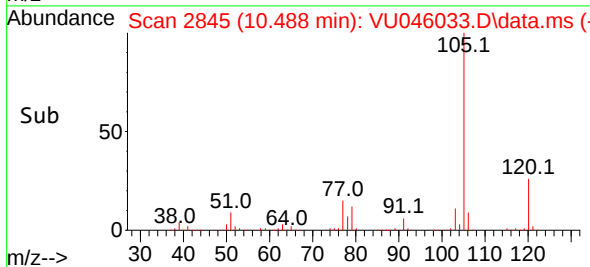
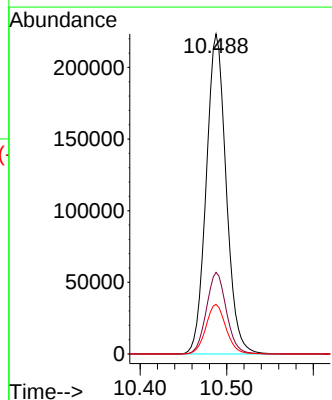
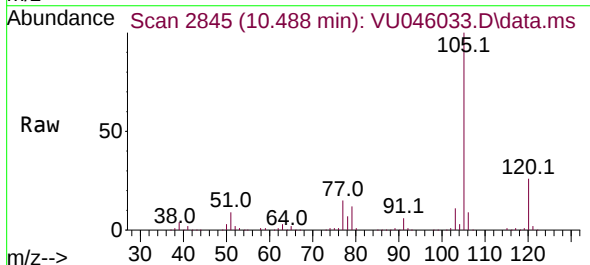
Instrument :
MSVOA_U
ClientSampleId :

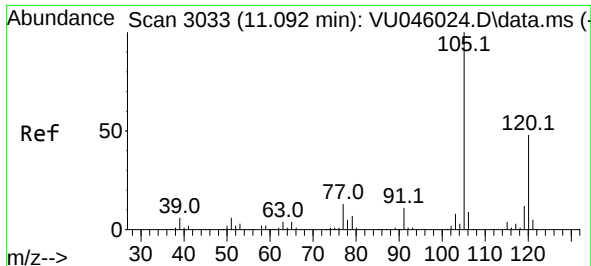
Tgt Ion: 75 Resp: 110636
Ion Ratio Lower Upper
75 100
77 32.4 26.4 39.6
110 39.4 32.4 48.6



#61
Isopropylbenzene
Concen: 52.508 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

Tgt Ion: 105 Resp: 356734
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1
77 15.6 12.2 18.4





#62

1,3,5-Trimethylbenzene

Concen: 53.609 ug/L

RT: 11.092 min Scan# 3033

Delta R.T. 0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

Instrument :

MSVOA_U

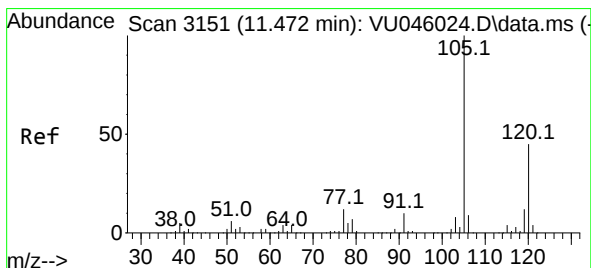
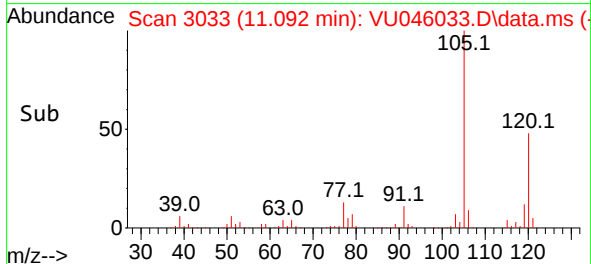
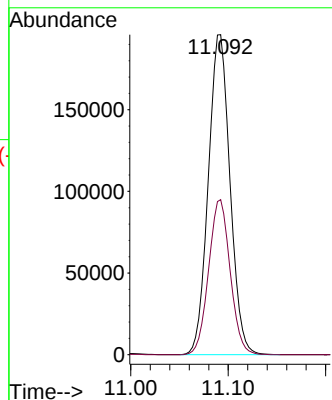
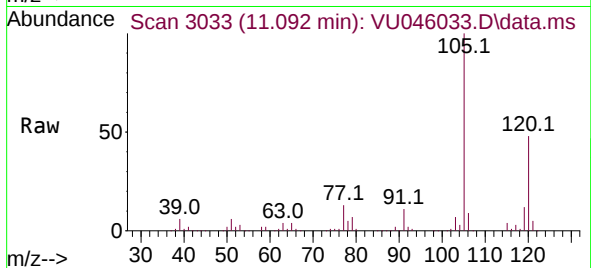
ClientSampleId :

Tgt Ion:105 Resp: 303573

Ion Ratio Lower Upper

105 100

120 48.0 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 54.132 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VU046033.D

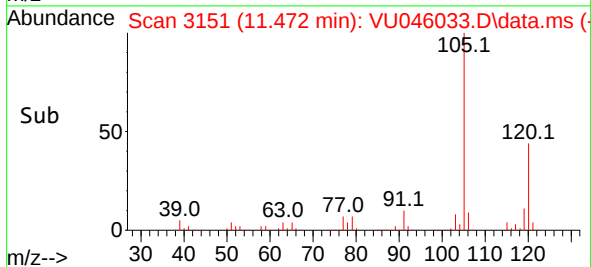
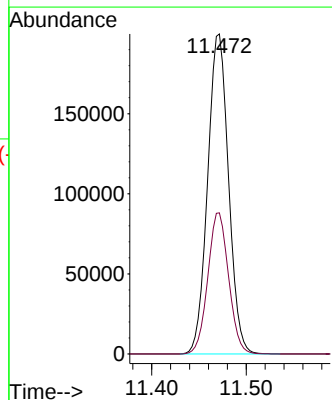
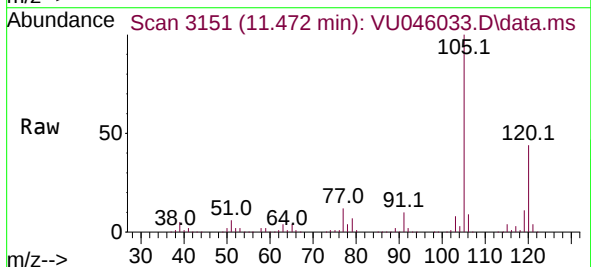
Acq: 01 Dec 2021 10:06

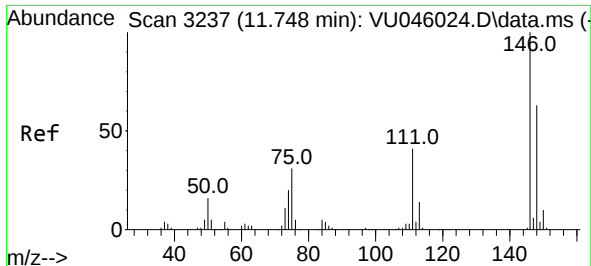
Tgt Ion:105 Resp: 306687

Ion Ratio Lower Upper

105 100

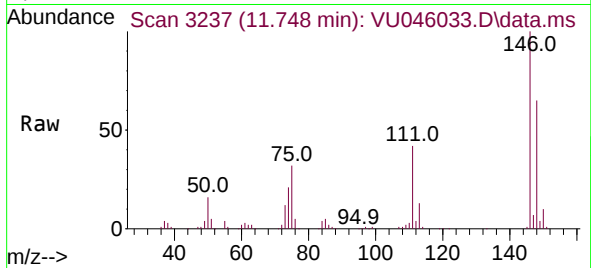
120 43.9 35.2 52.8



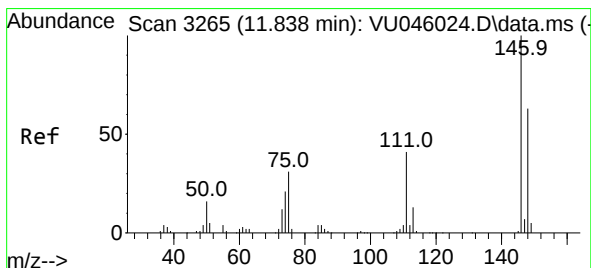
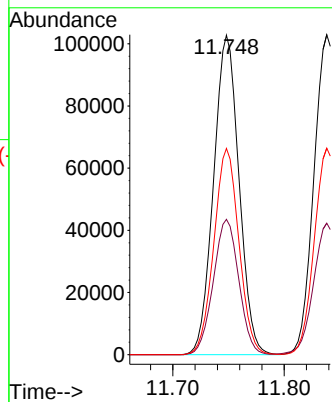
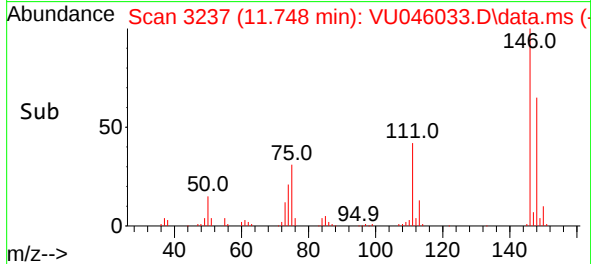


#64
1,3-Dichlorobenzene
Concen: 50.411 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

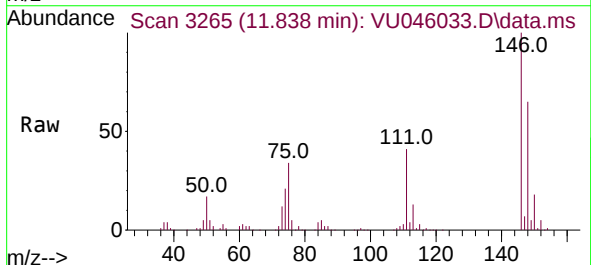
Instrument :
MSVOA_U
ClientSampleId :



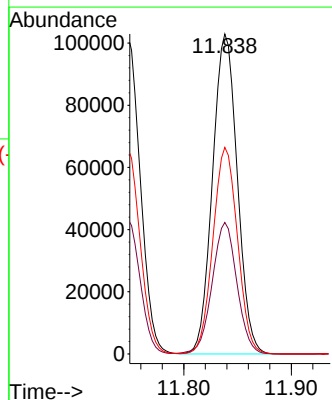
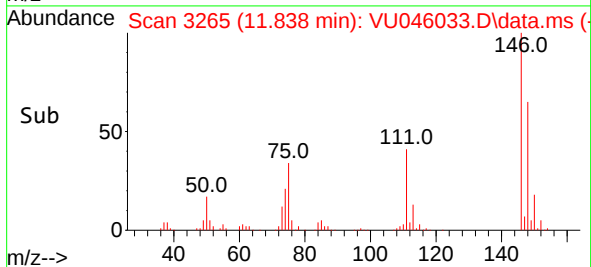
Tgt Ion:146 Resp: 162684
Ion Ratio Lower Upper
146 100
111 42.4 29.5 54.9
148 64.5 45.9 85.3

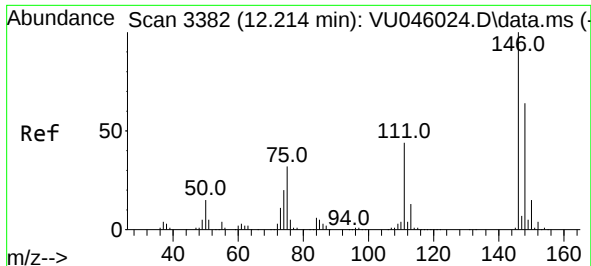


#65
1,4-Dichlorobenzene
Concen: 49.409 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06



Tgt Ion:146 Resp: 164792
Ion Ratio Lower Upper
146 100
111 41.1 28.3 52.7
148 64.5 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 49.897 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

Instrument :

MSVOA_U

ClientSampleId :

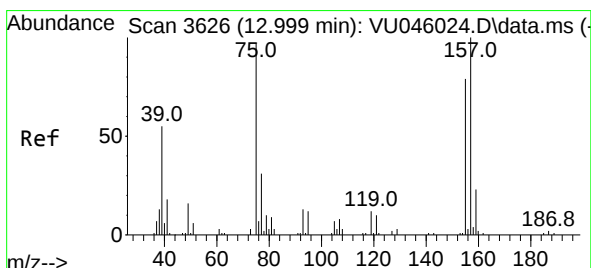
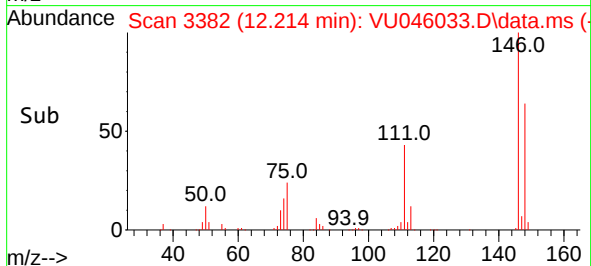
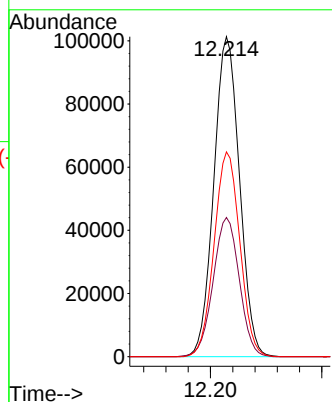
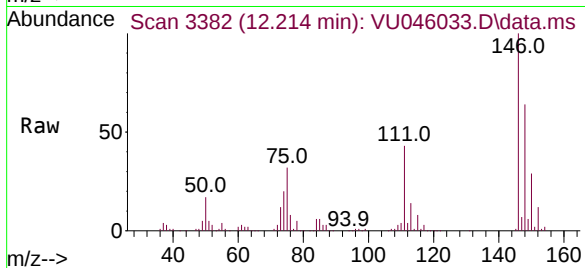
Tgt Ion:146 Resp: 162157

Ion Ratio Lower Upper

146 100

111 43.5 35.7 53.5

148 64.0 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 49.004 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

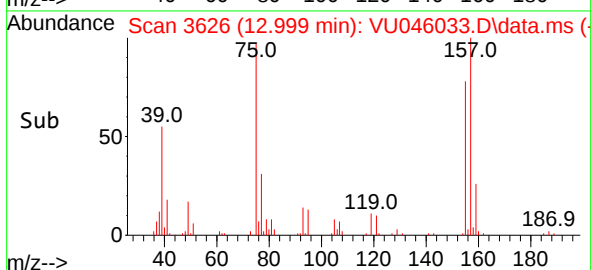
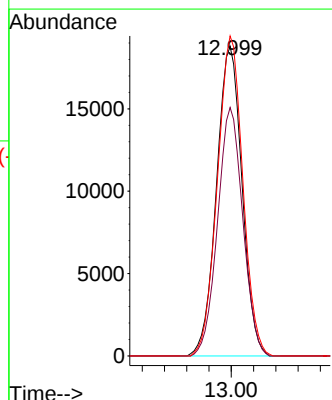
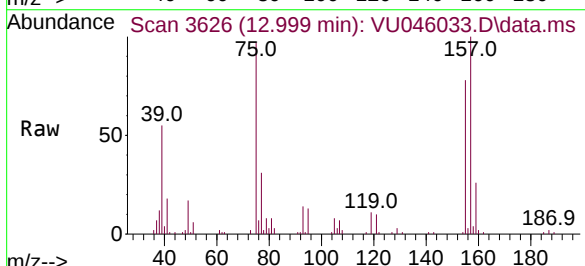
Tgt Ion: 75 Resp: 29881

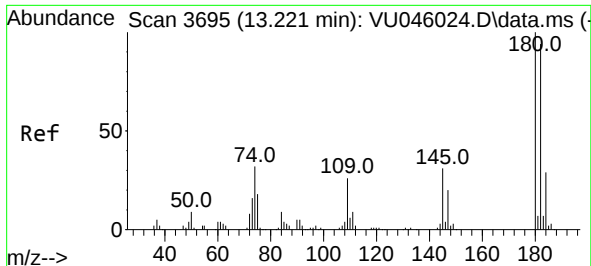
Ion Ratio Lower Upper

75 100

155 80.3 64.9 97.3

157 103.4 81.9 122.9





#69

1,3,5-Trichlorobenzene

Concen: 51.279 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

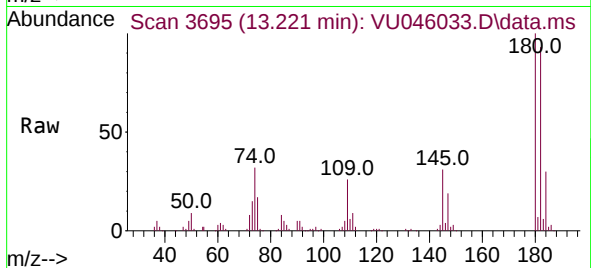
Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 120578

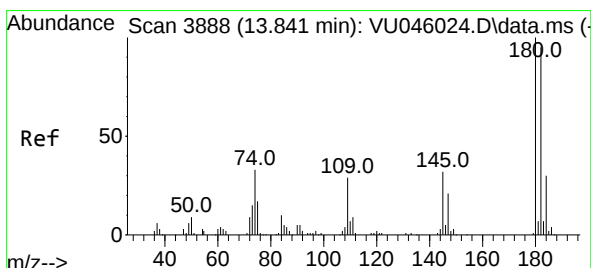
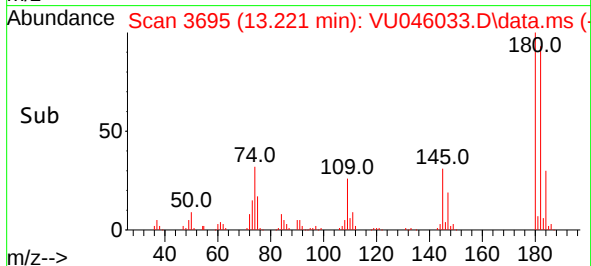
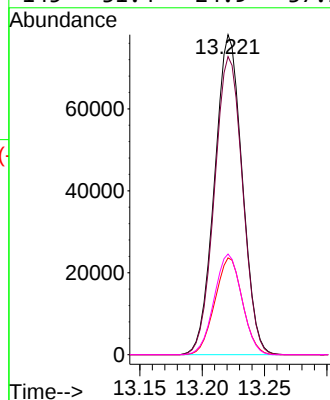
Ion Ratio Lower Upper

180 100

182 94.7 75.9 113.9

184 30.1 24.2 36.4

145 31.4 24.9 37.3



#70

1,2,4-trichlorobenzene

Concen: 51.054 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU046033.D

Acq: 01 Dec 2021 10:06

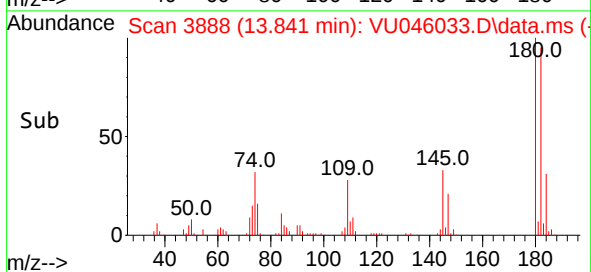
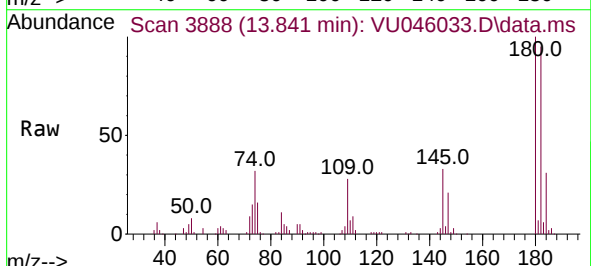
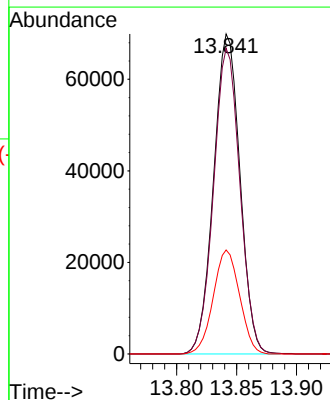
Tgt Ion:180 Resp: 106532

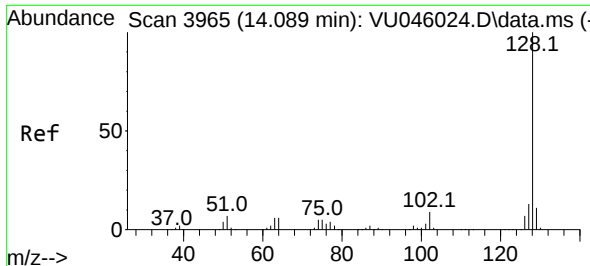
Ion Ratio Lower Upper

180 100

182 95.5 76.7 115.1

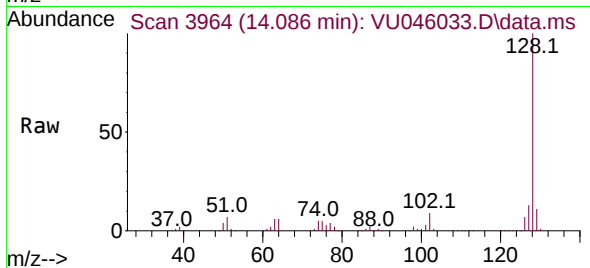
145 32.5 26.0 39.0



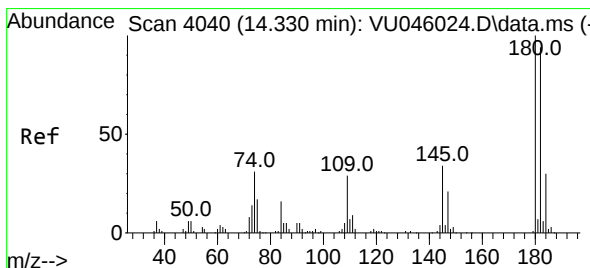
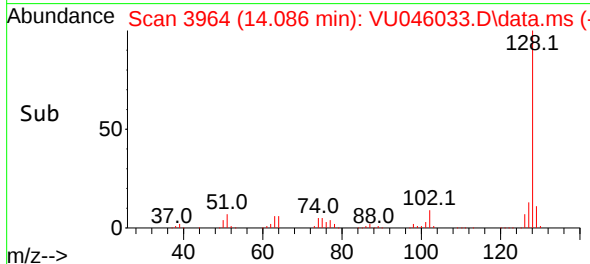
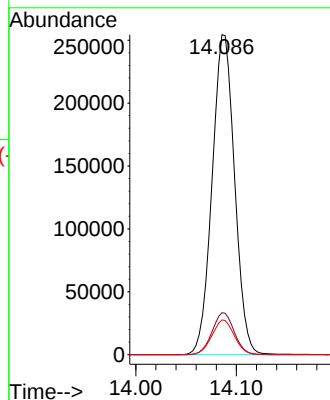


#71
Naphthalene
Concen: 54.383 ug/L
RT: 14.086 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 394881
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.8 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 51.944 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. 0.003 min
Lab File: VU046033.D
Acq: 01 Dec 2021 10:06

Tgt Ion:180 Resp: 110529
Ion Ratio Lower Upper
180 100
182 95.8 76.0 114.0
145 33.8 27.3 40.9

