

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046065.D
 Acq On : 02 Dec 2021 20:04
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 03 05:14:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	276372	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	269010	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	142959	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	75214	33.038	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.080%
7) Chloroethane-d5	1.916	69	60592	34.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.320%#
11) 1,1-Dichloroethene-d2	2.571	63	160214	39.202	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.400%
21) 2-Butanone-d5	4.632	46	157210	86.866	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.870%
24) Chloroform-d	5.066	84	165549	43.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.080%
26) 1,2-Dichloroethane-d4	5.703	65	106112	41.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.180%
32) Benzene-d6	5.729	84	335935	43.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.140%
36) 1,2-Dichloropropane-d6	6.693	67	106701	44.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.300%
41) Toluene-d8	7.899	98	309847	44.137	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.280%
43) trans-1,3-Dichloroprop...	8.182	79	52957	45.909	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.820%
47) 2-Hexanone-d5	8.632	63	114037	100.653	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.650%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	157348	43.420	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.840%
66) 1,2-Dichlorobenzene-d4	12.195	152	125623	45.629	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	127416	42.375	ug/L	99
3) Chloromethane	1.520	50	108724	40.426	ug/L	100
5) Vinyl chloride	1.604	62	115499	42.592	ug/L	99
6) Bromomethane	1.861	94	67701	44.047	ug/L	96
8) Chloroethane	1.938	64	63669	40.550	ug/L	99
9) Trichlorofluoromethane	2.141	101	154103	43.527	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	94305	46.895	ug/L	96
12) 1,1-Dichloroethene	2.584	96	90368	47.289	ug/L	85
13) Acetone	2.649	43	114509	50.626	ug/L	97
14) Carbon disulfide	2.796	76	261966	44.185	ug/L	99
15) Methyl Acetate	2.954	43	112020	42.484	ug/L	97
16) Methylene chloride	3.051	84	102722	45.181	ug/L	98
17) trans-1,2-Dichloroethene	3.356	96	98739	48.825	ug/L	100
18) Methyl tert-butyl Ether	3.366	73	320948	51.497	ug/L	99
19) 1,1-Dichloroethane	3.874	63	176101	47.893	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	109748	50.015	ug/L	99
22) 2-Butanone	4.713	43	171391	69.608	ug/L	96
23) Bromochloromethane	4.976	128	56092	50.613	ug/L	89
25) Chloroform	5.092	83	187080	45.793	ug/L	99

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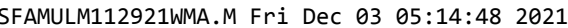
Instrument :
 MSVOA_U
 ClientSampleId :

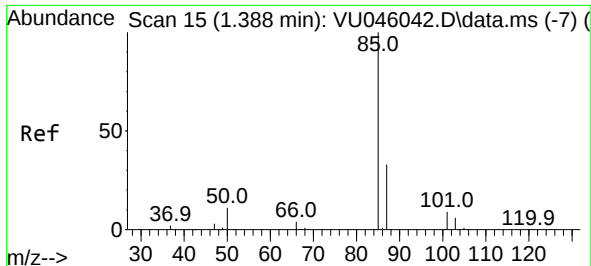
Quant Time: Dec 03 05:14:40 2021
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 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	141170	46.566	ug/L	99
29) Cyclohexane	5.391	56	159276	50.847	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	163281	49.447	ug/L	99
31) Carbon tetrachloride	5.529	117	140308	50.050	ug/L	99
33) Benzene	5.777	78	403985	49.618	ug/L	100
34) Trichloroethene	6.542	95	107608	50.169	ug/L	97
35) Methylcyclohexane	6.764	83	168576	50.687	ug/L	99
37) 1,2-Dichloropropane	6.793	63	104702	49.091	ug/L	100
38) Bromodichloromethane	7.108	83	137879	48.637	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	169592	52.268	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	302226	96.446	ug/L	98
42) Toluene	7.970	91	442195	50.615	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	161370	50.637	ug/L	97
45) 1,1,2-Trichloroethane	8.401	97	104069	48.635	ug/L	98
46) Tetrachloroethene	8.555	164	82819	52.542	ug/L	96
48) 2-Hexanone	8.684	43	242665	86.589	ug/L	98
49) Dibromochloromethane	8.812	129	113540	50.529	ug/L	96
50) 1,2-Dibromoethane	8.925	107	115936	49.975	ug/L	98
51) Chlorobenzene	9.449	112	284540	50.342	ug/L	98
52) Ethylbenzene	9.571	91	484621	51.543	ug/L	98
53) m,p-Xylene	9.697	106	191072	52.109	ug/L	97
54) o-xylene	10.102	106	186093	52.303	ug/L	96
55) Styrene	10.115	104	320040	52.686	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	166408	45.361	ug/L	99
59) Bromoform	10.291	173	83471	49.772	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	143950	45.935	ug/L	99
61) Isopropylbenzene	10.488	105	487313	52.391	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	422788	54.533	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	426263	54.954	ug/L	98
64) 1,3-Dichlorobenzene	11.748	146	225714	51.086	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	226614	49.627	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	222481	50.003	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.999	75	40824	48.900	ug/L	89
69) 1,3,5-Trichlorobenzene	13.220	180	170786	53.050	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	160105	56.043	ug/L	99
71) Naphthalene	14.085	128	601951	60.551	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	160228	55.000	ug/L	100

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

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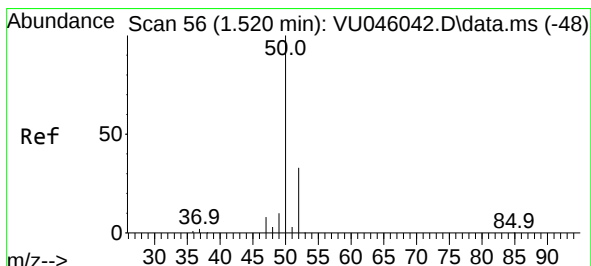
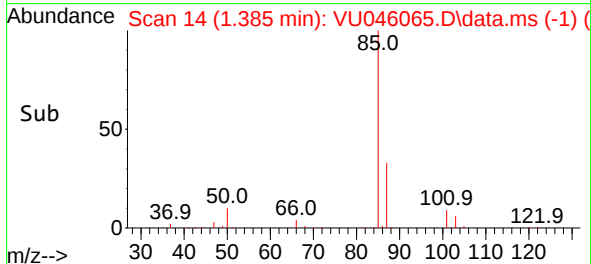
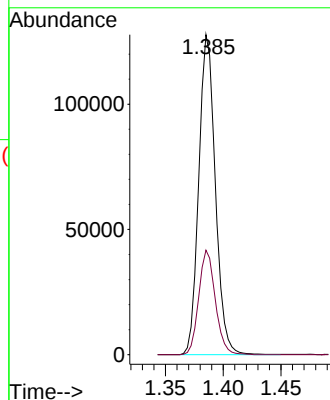
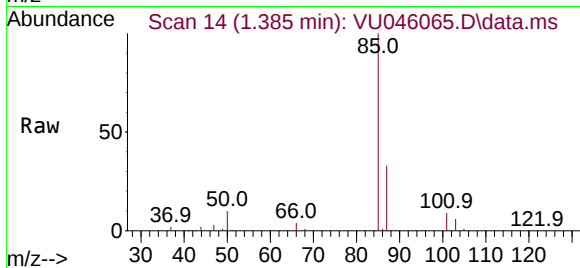




#2
 Dichlorodifluoromethane
 Concen: 42.375 ug/L
 RT: 1.385 min Scan# 14
 Delta R.T. -0.003 min
 Lab File: VU046065.D
 Acq: 02 Dec 2021 20:04

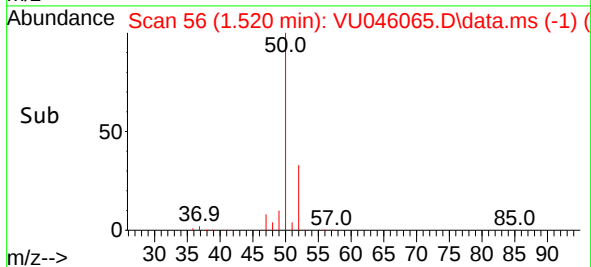
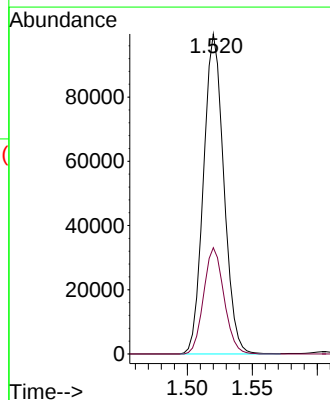
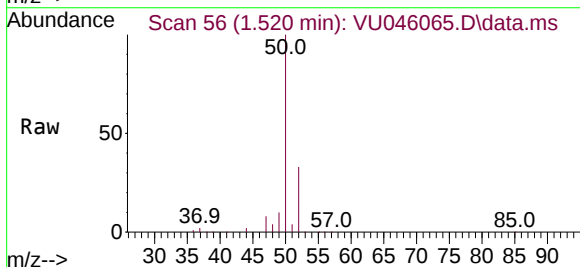
Instrument :
 MSVOA_U
 ClientSampleId :

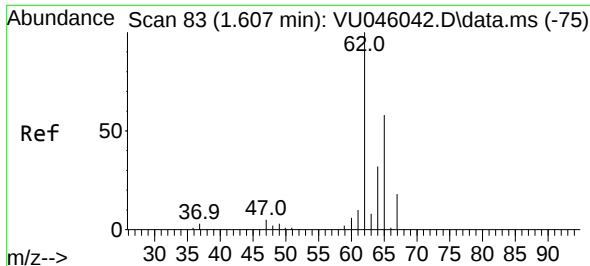
Tgt Ion: 85 Resp: 127416
 Ion Ratio Lower Upper
 85 100
 87 32.6 25.7 38.5



#3
 Chloromethane
 Concen: 40.426 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VU046065.D
 Acq: 02 Dec 2021 20:04

Tgt Ion: 50 Resp: 108724
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.2 43.2

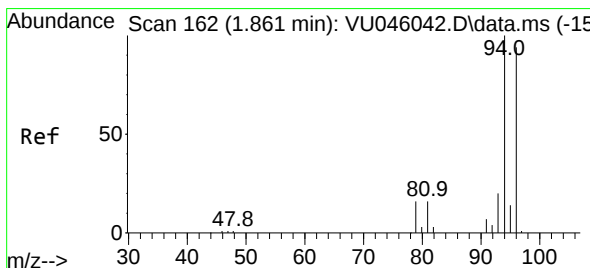
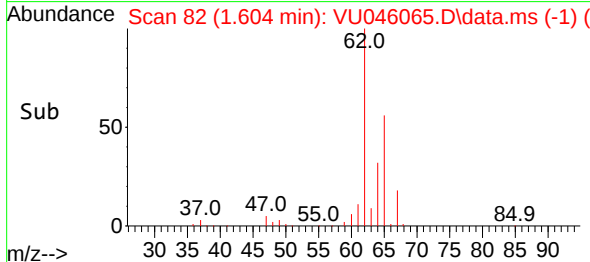
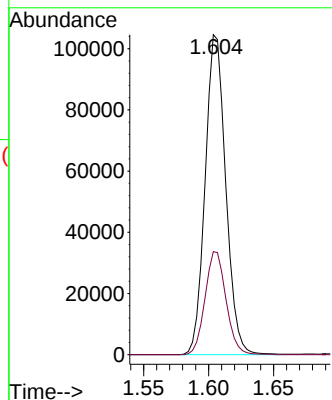
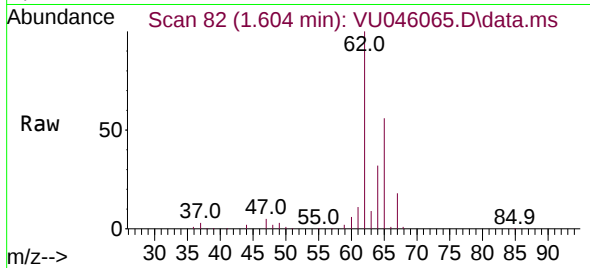




#5
 Vinyl chloride
 Concen: 42.592 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU046065.D
 Acq: 02 Dec 2021 20:04

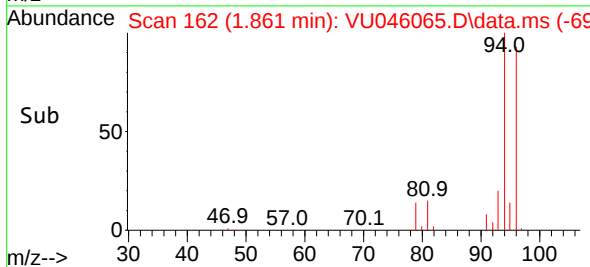
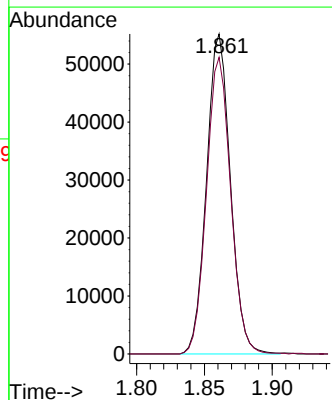
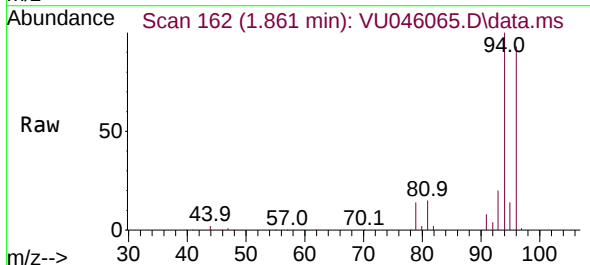
Instrument :
 MSVOA_U
 ClientSampleId :

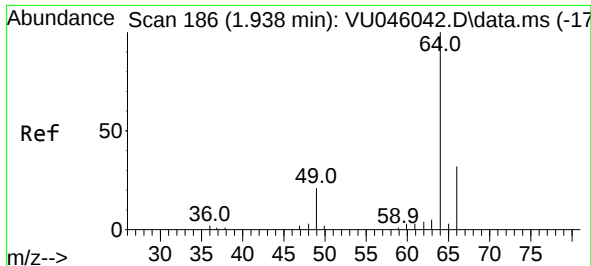
Tgt Ion: 62 Resp: 115499
 Ion Ratio Lower Upper
 62 100
 64 32.2 22.9 42.5



#6
 Bromomethane
 Concen: 44.047 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU046065.D
 Acq: 02 Dec 2021 20:04

Tgt Ion: 94 Resp: 67701
 Ion Ratio Lower Upper
 94 100
 96 92.7 67.4 125.2

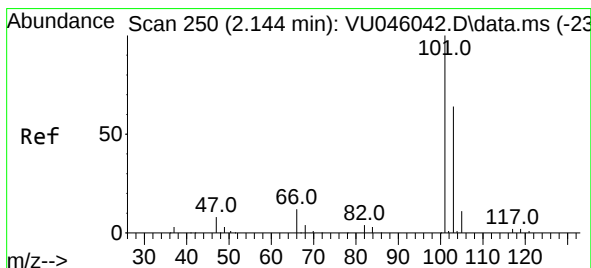
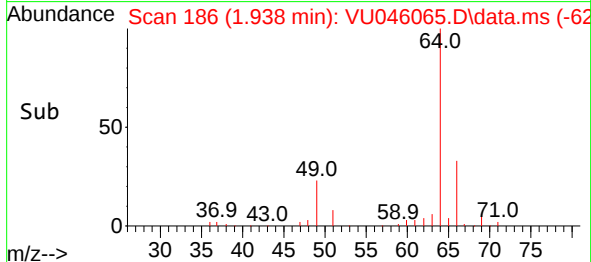
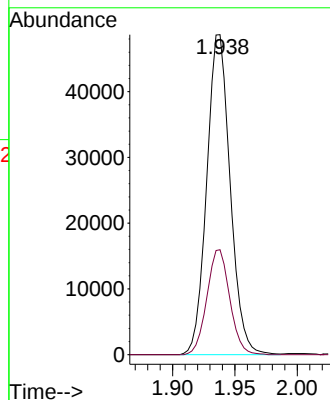
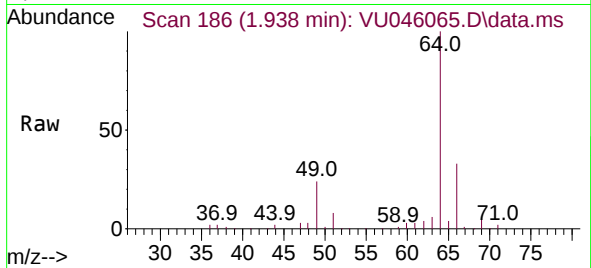




#8
Chloroethane
Concen: 40.550 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

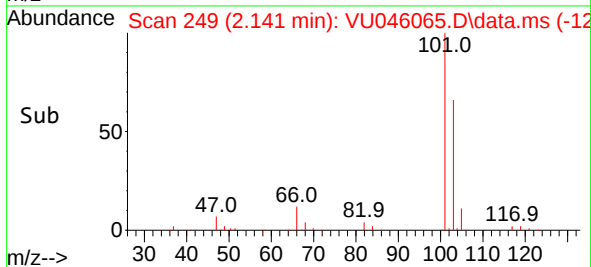
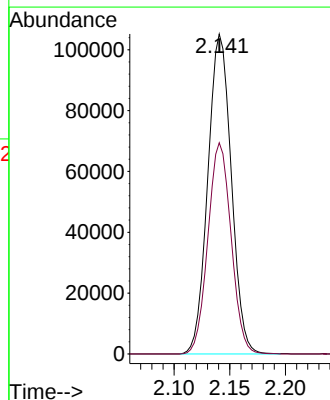
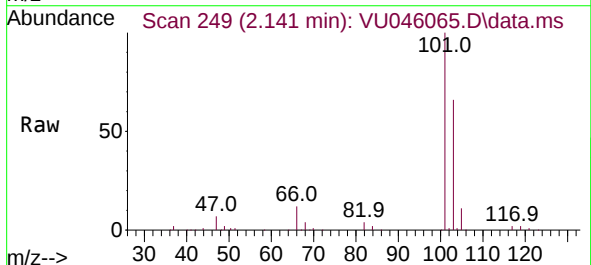
Instrument :
MSVOA_U
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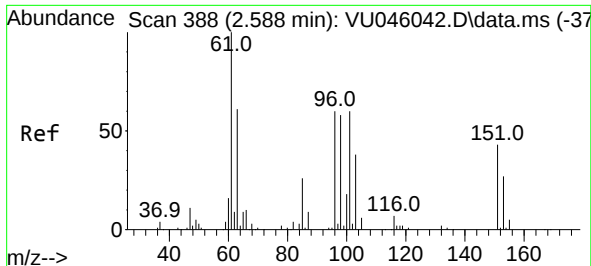
Tgt Ion: 64 Resp: 63669
Ion Ratio Lower Upper
64 100
66 32.8 22.5 41.9



#9
Trichlorofluoromethane
Concen: 43.527 ug/L
RT: 2.141 min Scan# 249
Delta R.T. -0.003 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

Tgt Ion:101 Resp: 154103
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6





#10

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

Concen: 46.895 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.003 min

Lab File: VU046065.D

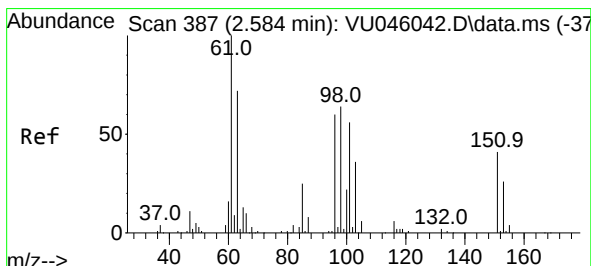
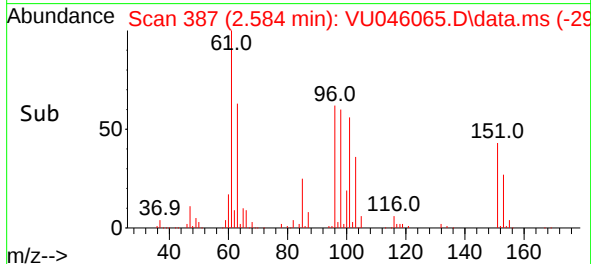
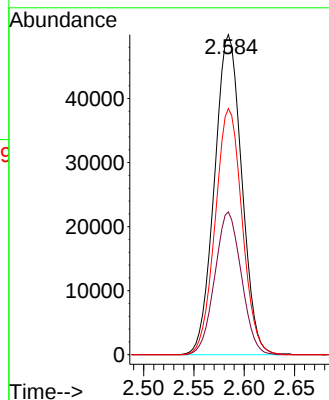
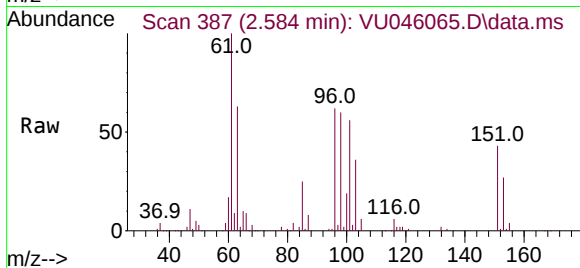
Acq: 02 Dec 2021 20:04

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	94305
Ion	Ratio	Lower	Upper
101	100		
85	43.5	35.1	52.7
151	76.1	56.7	85.1



#12

1,1-Dichloroethene

Concen: 47.289 ug/L

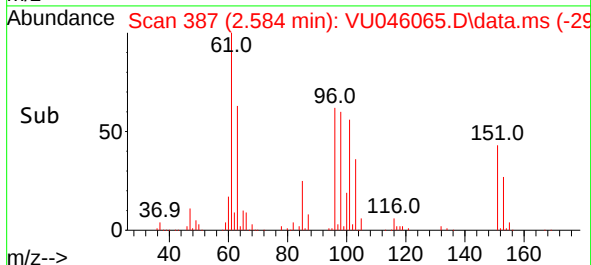
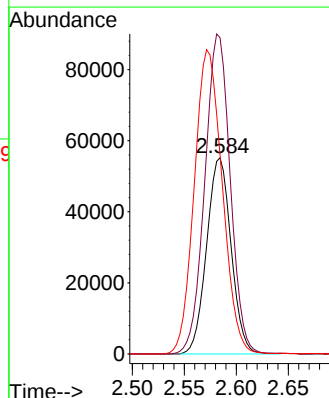
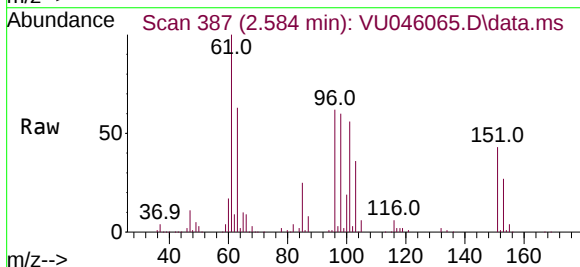
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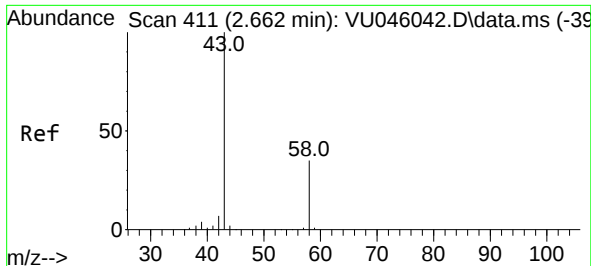
Delta R.T. -0.000 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

Tgt Ion:	96	Resp:	90368
Ion	Ratio	Lower	Upper
96	100		
61	161.3	118.6	220.2
63	101.4	93.0	172.8





#13

Acetone

Concen: 50.626 ug/L

RT: 2.649 min Scan# 411

Delta R.T. -0.013 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

Instrument :

MSVOA_U

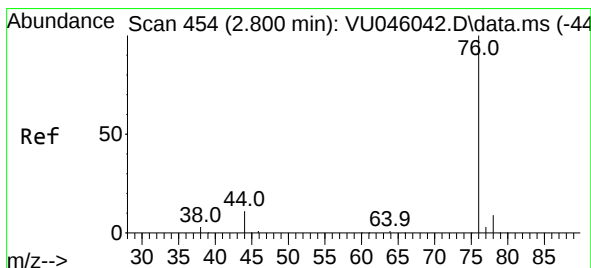
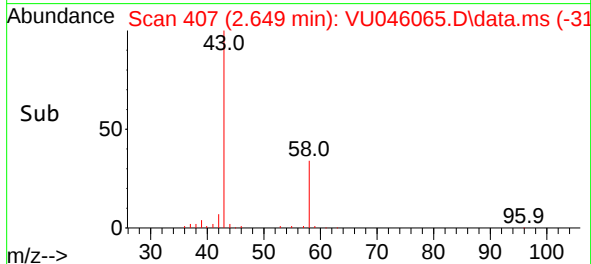
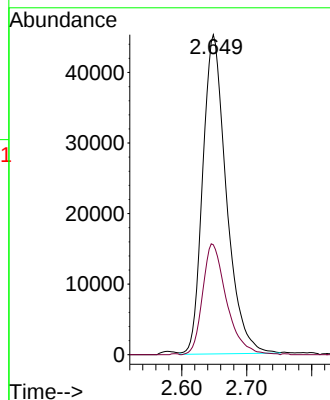
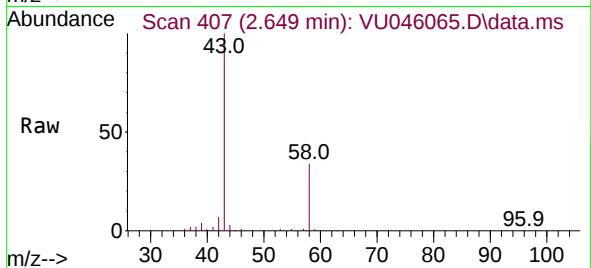
ClientSampleId :

Tgt Ion: 43 Resp: 114509

Ion Ratio Lower Upper

43 100

58 35.1 0.0 66.8



#14

Carbon disulfide

Concen: 44.185 ug/L

RT: 2.796 min Scan# 453

Delta R.T. -0.003 min

Lab File: VU046065.D

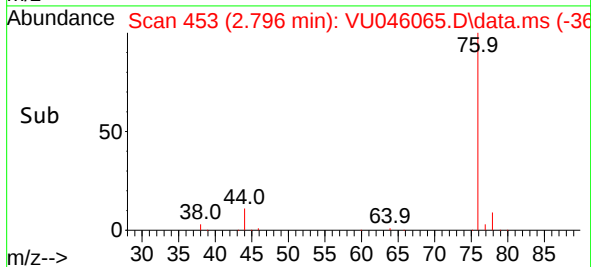
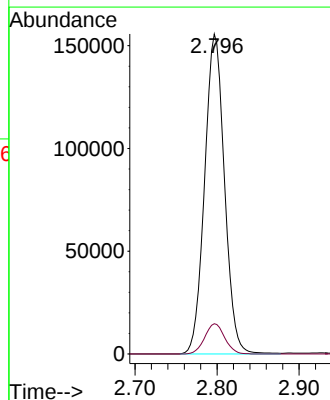
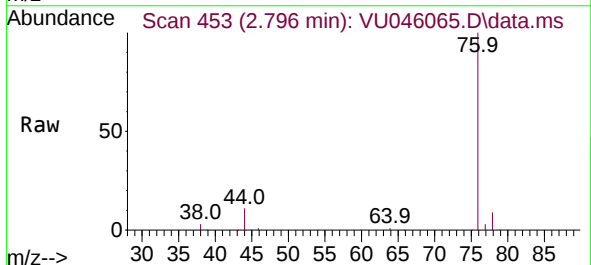
Acq: 02 Dec 2021 20:04

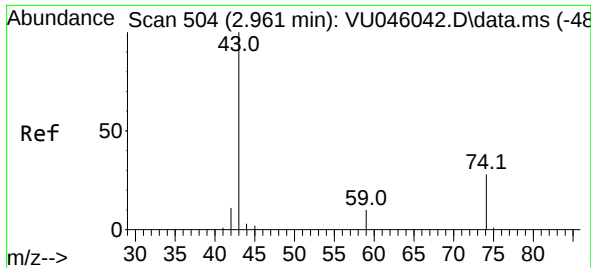
Tgt Ion: 76 Resp: 261966

Ion Ratio Lower Upper

76 100

78 9.4 7.3 10.9

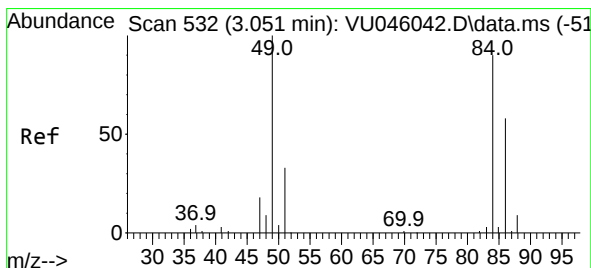
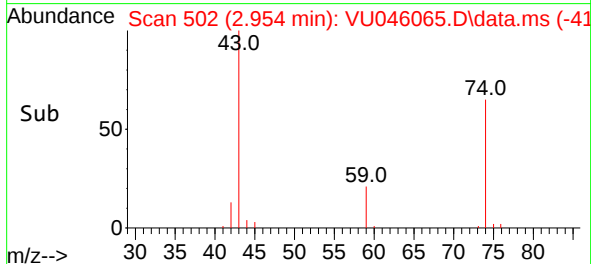
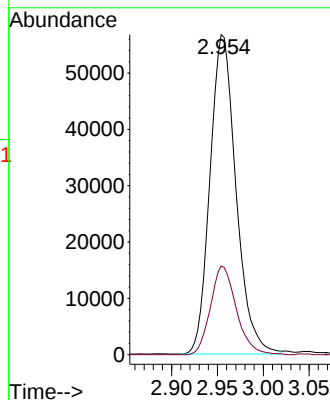
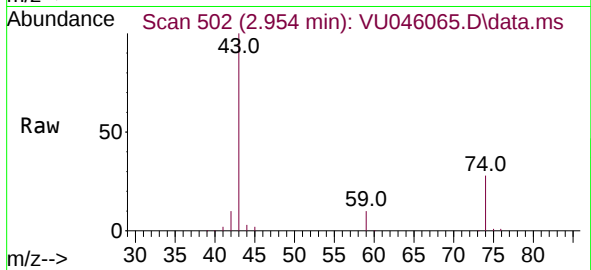




#15
Methyl Acetate
Concen: 42.484 ug/L
RT: 2.954 min Scan# 504
Delta R.T. -0.007 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

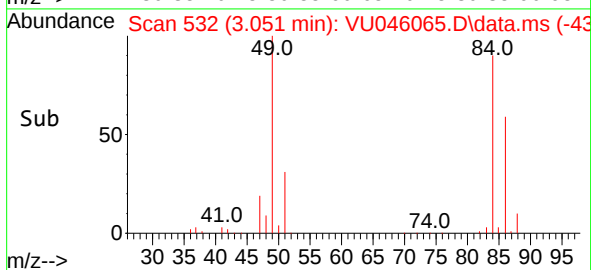
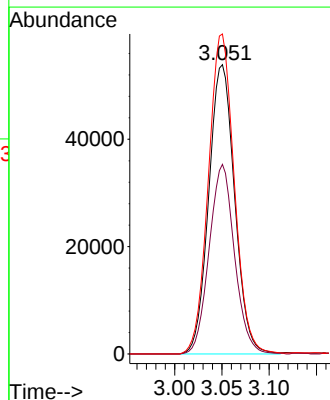
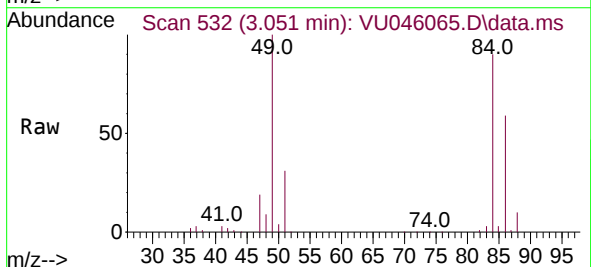
Instrument :
MSVOA_U
ClientSampleId :

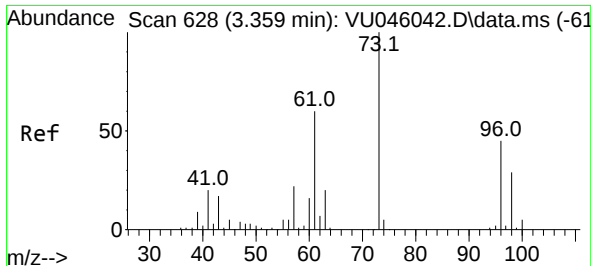
Tgt Ion: 43 Resp: 112020
Ion Ratio Lower Upper
43 100
74 27.5 20.8 31.2



#16
Methylene chloride
Concen: 45.181 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

Tgt Ion: 84 Resp: 102722
Ion Ratio Lower Upper
84 100
86 65.5 44.7 83.1
49 110.6 78.4 145.6





#17

trans-1,2-Dichloroethene

Concen: 48.825 ug/L

RT: 3.356 min Scan# 61

Delta R.T. -0.003 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

Instrument :

MSVOA_U

ClientSampleId :

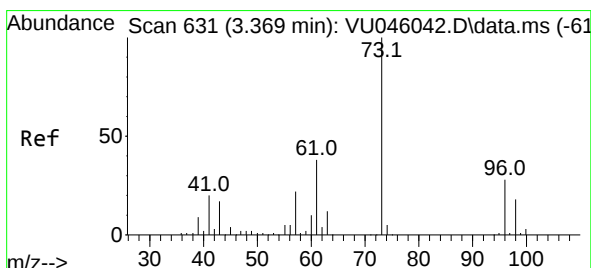
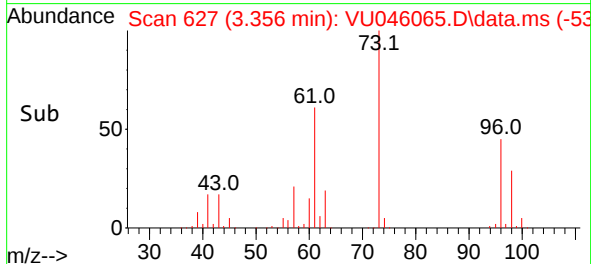
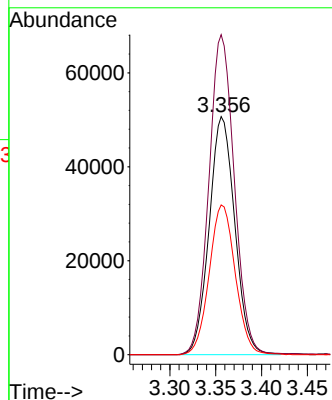
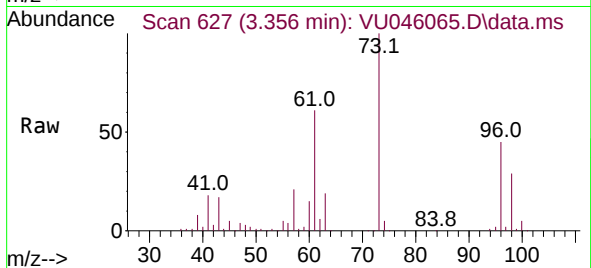
Tgt Ion: 96 Resp: 98739

Ion Ratio Lower Upper

96 100

61 134.4 94.6 175.6

98 62.9 44.0 81.8



#18

Methyl tert-butyl Ether

Concen: 51.497 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.003 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

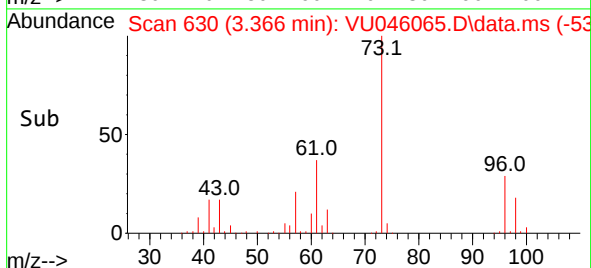
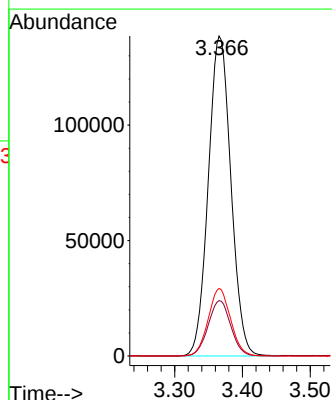
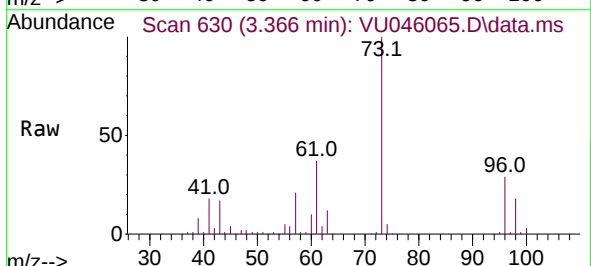
Tgt Ion: 73 Resp: 320948

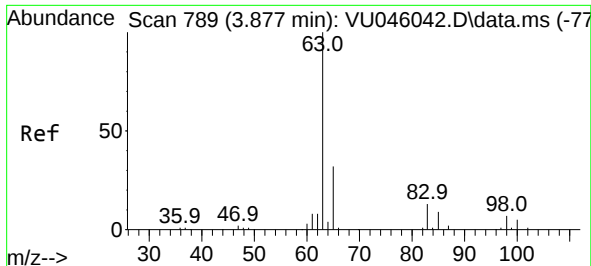
Ion Ratio Lower Upper

73 100

43 17.4 14.0 21.0

57 20.8 17.0 25.4





#19

1,1-Dichloroethane

Concen: 47.893 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.003 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

Instrument :

MSVOA_U

ClientSampleId :

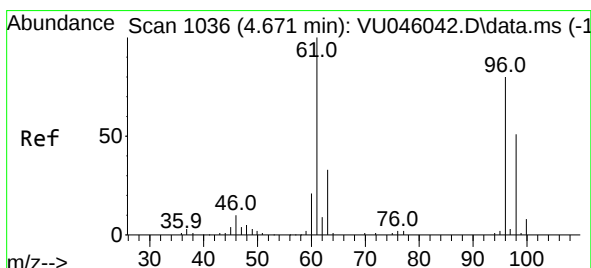
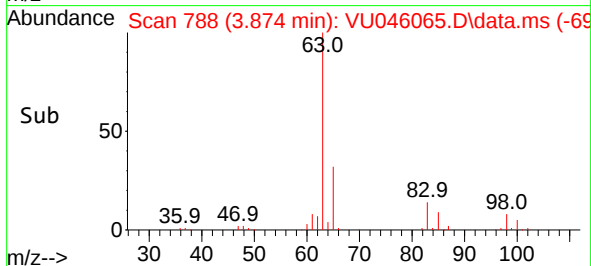
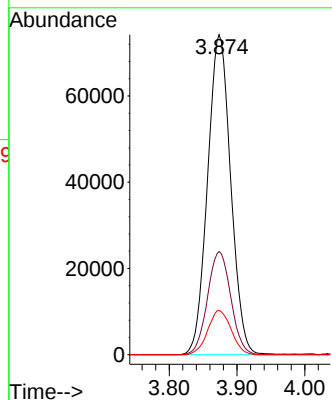
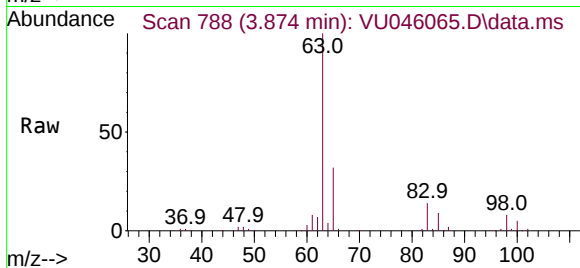
Tgt Ion: 63 Resp: 176101

Ion Ratio Lower Upper

63 100

65 32.3 22.8 42.4

83 13.9 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 50.015 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

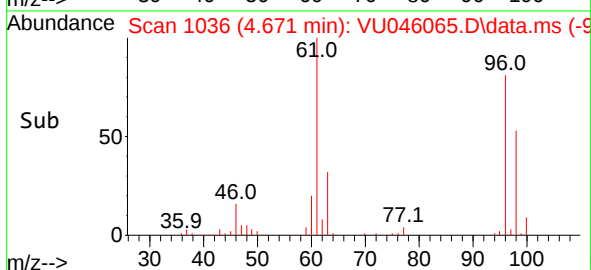
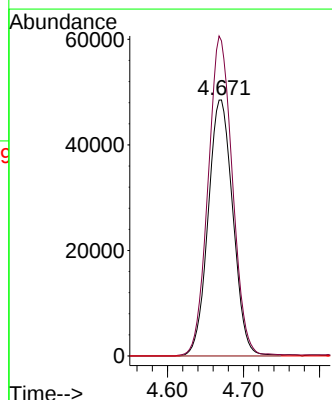
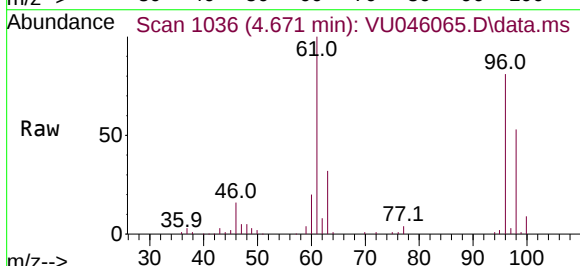
Tgt Ion: 96 Resp: 109748

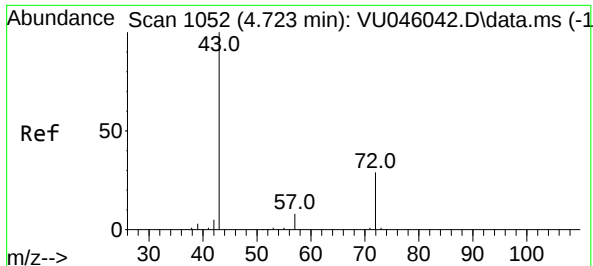
Ion Ratio Lower Upper

96 100

61 123.1 86.8 161.2

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 69.608 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.010 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

Instrument :

MSVOA_U

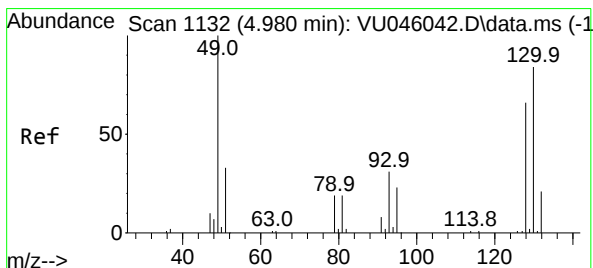
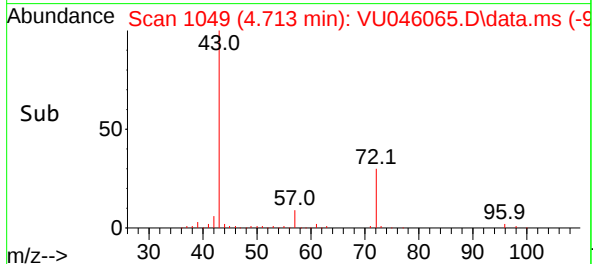
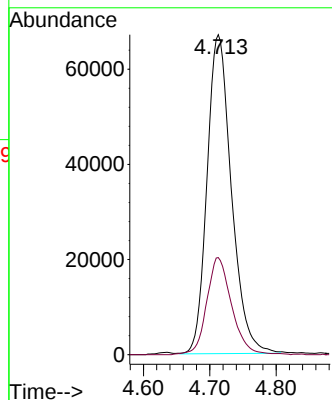
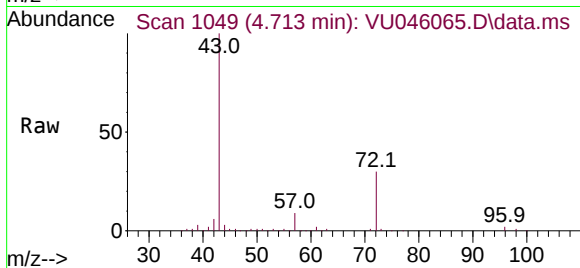
ClientSampleId :

Tgt Ion: 43 Resp: 171391

Ion Ratio Lower Upper

43 100

72 31.1 14.5 43.6



#23

Bromochloromethane

Concen: 50.613 ug/L

RT: 4.976 min Scan# 1131

Delta R.T. -0.003 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

Tgt Ion:128 Resp: 56092

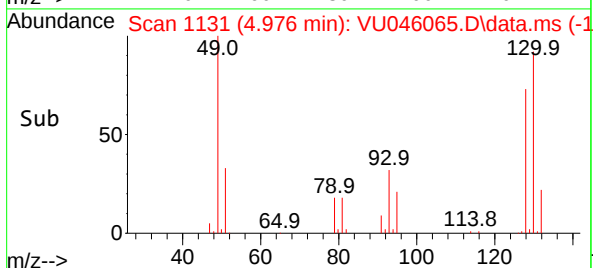
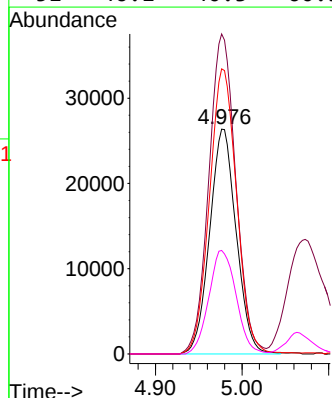
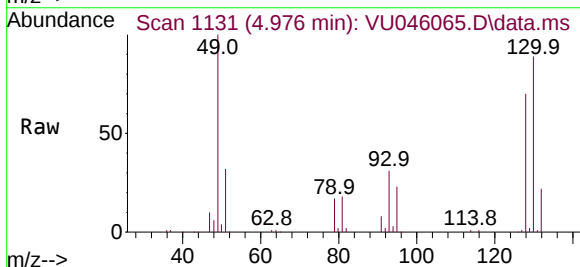
Ion Ratio Lower Upper

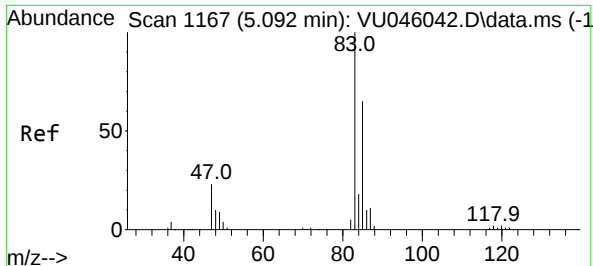
128 100

49 142.3 115.9 215.3

130 126.8 91.8 170.4

51 46.1 40.3 60.5





#25

Chloroform

Concen: 45.793 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

Instrument :

MSVOA_U

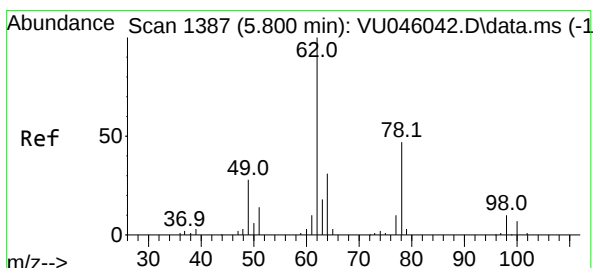
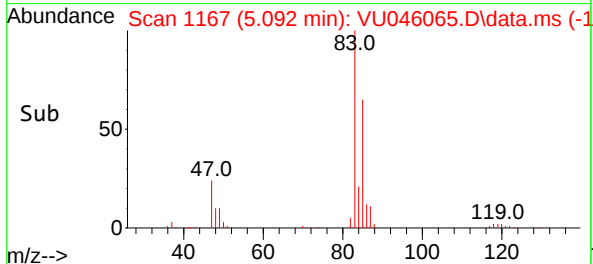
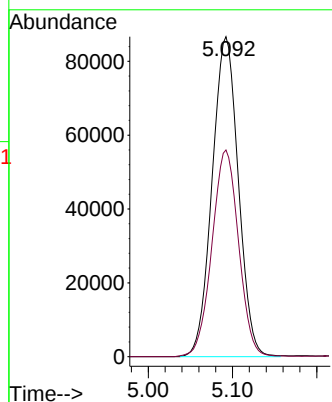
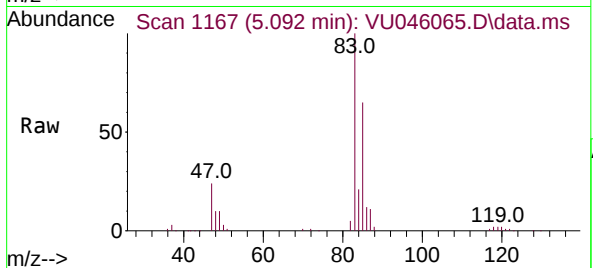
ClientSampleId :

Tgt Ion: 83 Resp: 187080

Ion Ratio Lower Upper

83 100

85 64.6 45.8 85.2



#27

1,2-Dichloroethane

Concen: 46.566 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU046065.D

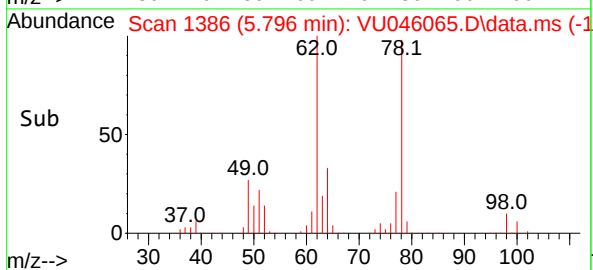
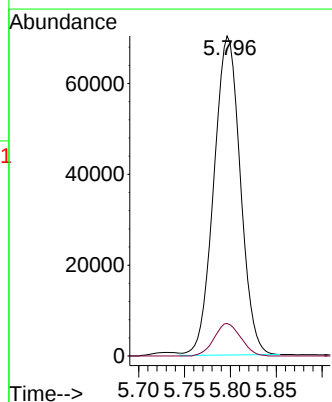
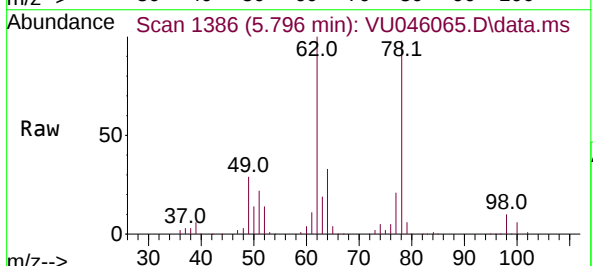
Acq: 02 Dec 2021 20:04

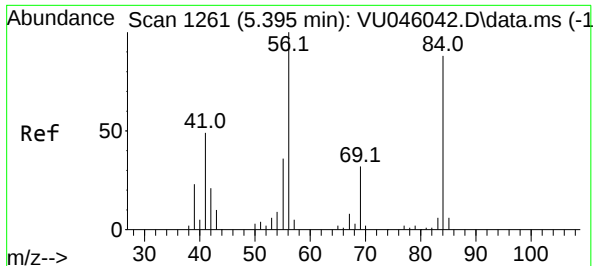
Tgt Ion: 62 Resp: 141170

Ion Ratio Lower Upper

62 100

98 10.2 7.9 11.9





#29

Cyclohexane

Concen: 50.847 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

Instrument :

MSVOA_U

ClientSampleId :

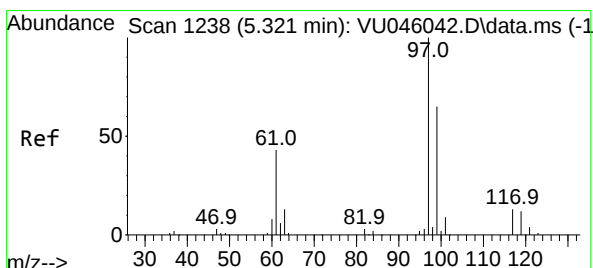
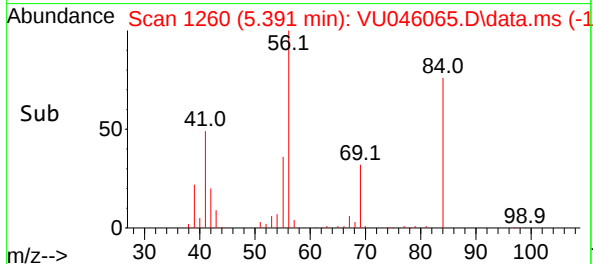
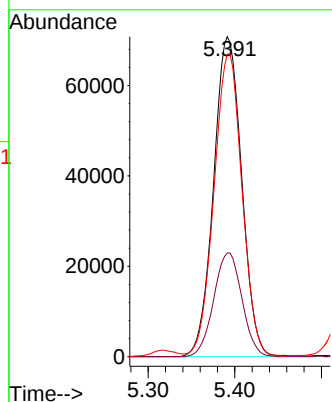
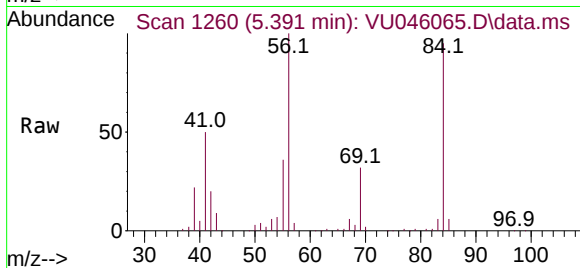
Tgt Ion: 56 Resp: 159276

Ion Ratio Lower Upper

56 100

69 32.6 25.2 37.8

84 94.7 73.3 109.9



#30

1,1,1-Trichloroethane

Concen: 49.447 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

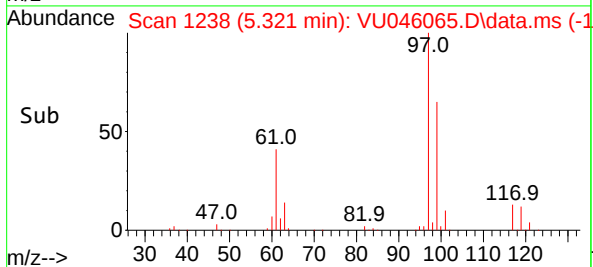
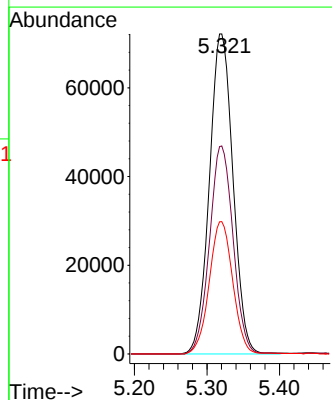
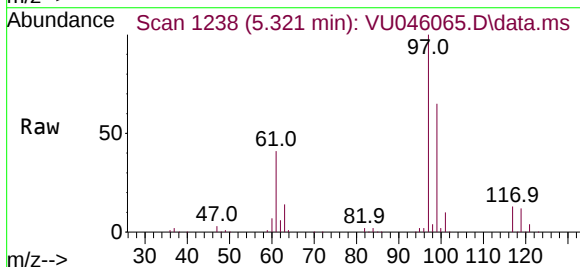
Tgt Ion: 97 Resp: 163281

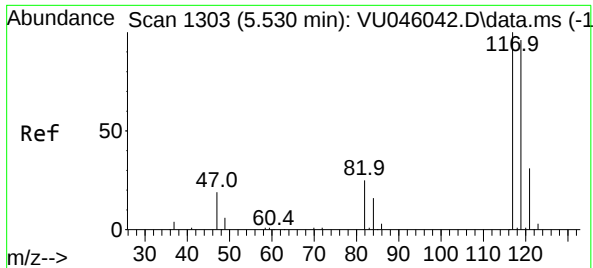
Ion Ratio Lower Upper

97 100

99 65.0 51.8 77.6

61 41.0 34.4 51.6

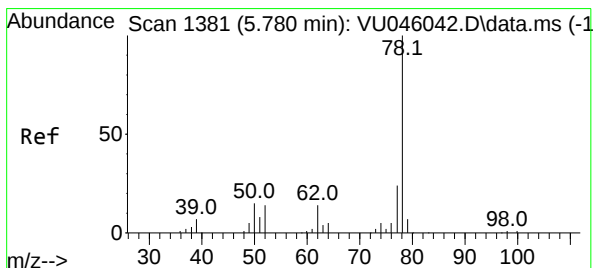
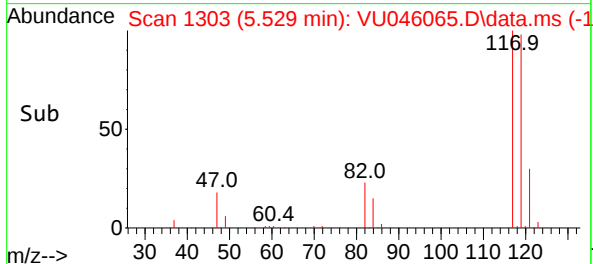
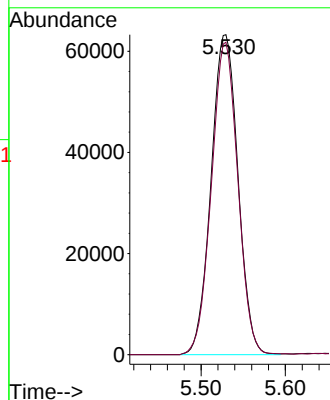
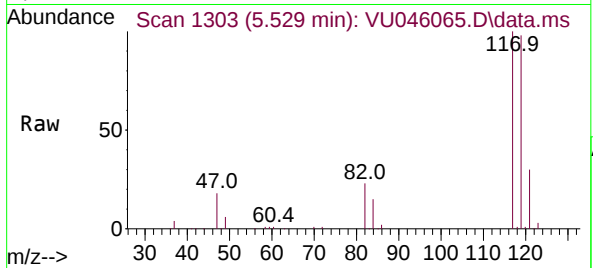




#31
Carbon tetrachloride
Concen: 50.050 ug/L
RT: 5.529 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

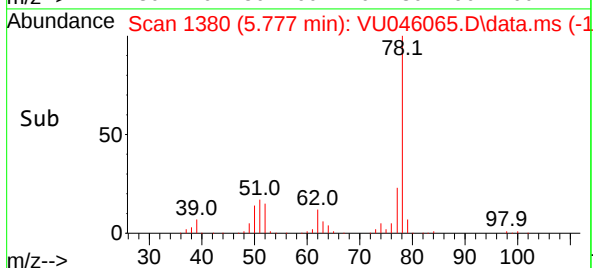
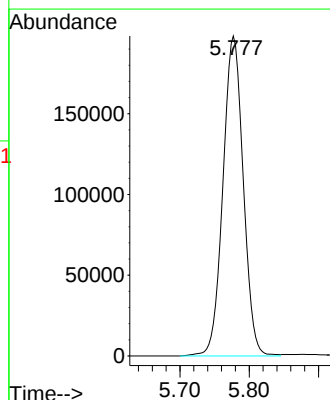
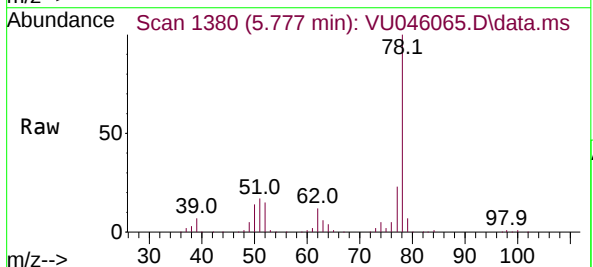
Instrument :
MSVOA_U
ClientSampleId :

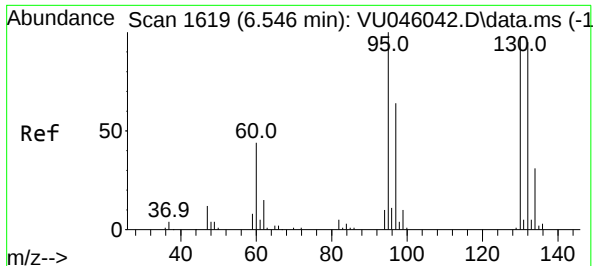
Tgt Ion:117 Resp: 140308
Ion Ratio Lower Upper
117 100
119 95.8 75.7 113.5



#33
Benzene
Concen: 49.618 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

Tgt Ion: 78 Resp: 403985

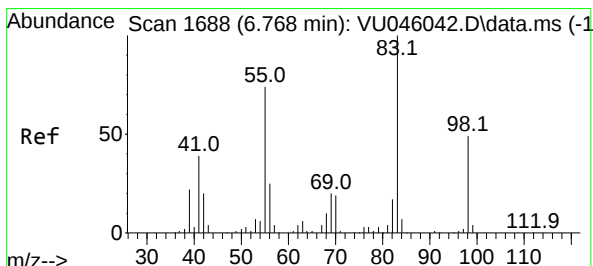
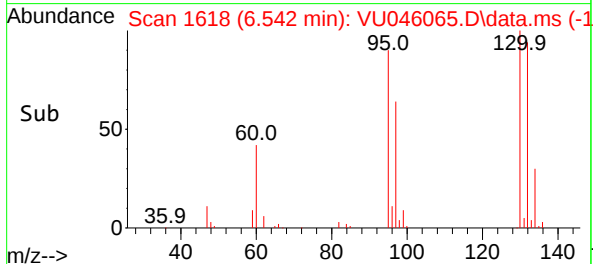
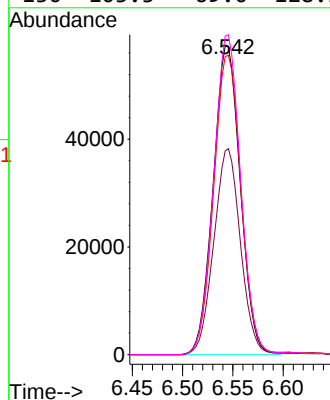
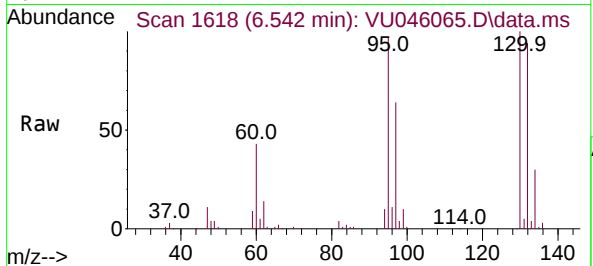




#34
Trichloroethene
Concen: 50.169 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. -0.003 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

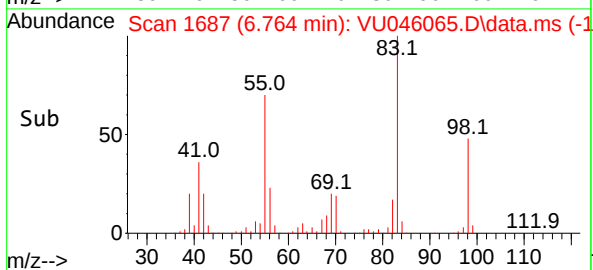
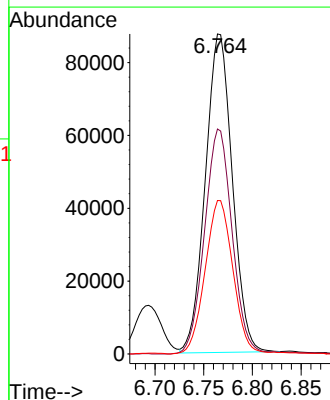
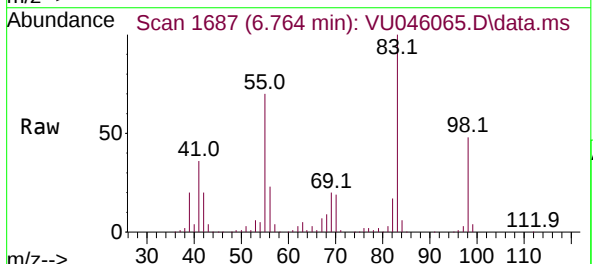
Instrument :
MSVOA_U
ClientSampleId :

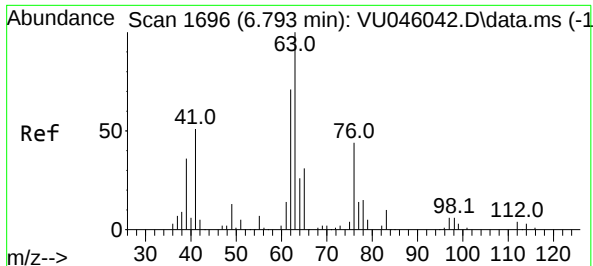
Tgt Ion: 95 Resp: 107608
Ion Ratio Lower Upper
95 100
97 66.0 44.1 81.9
132 96.6 66.8 124.0
130 103.3 69.0 128.1



#35
Methylcyclohexane
Concen: 50.687 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

Tgt Ion: 83 Resp: 168576
Ion Ratio Lower Upper
83 100
55 72.4 57.8 86.6
98 49.5 38.4 57.6





#37

1,2-Dichloropropane

Concen: 49.091 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

Instrument :

MSVOA_U

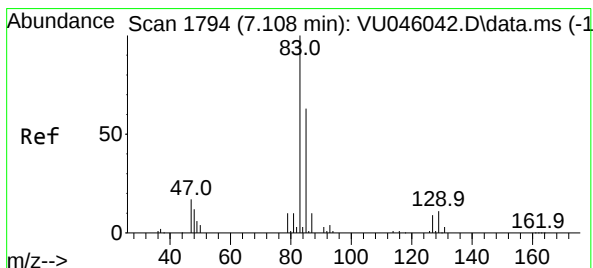
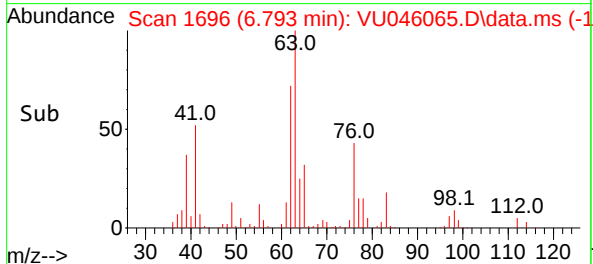
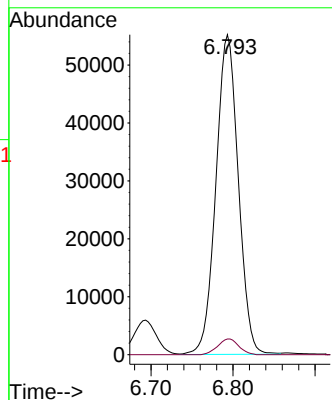
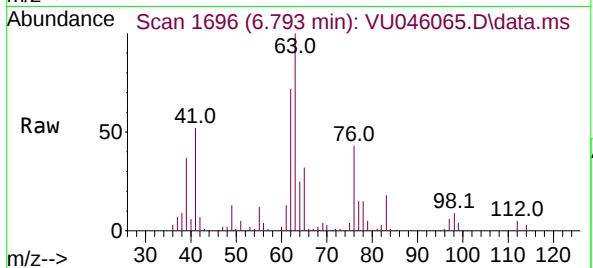
ClientSampleId :

Tgt Ion: 63 Resp: 104702

Ion Ratio Lower Upper

63 100

112 4.6 3.8 5.6



#38

Bromodichloromethane

Concen: 48.637 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

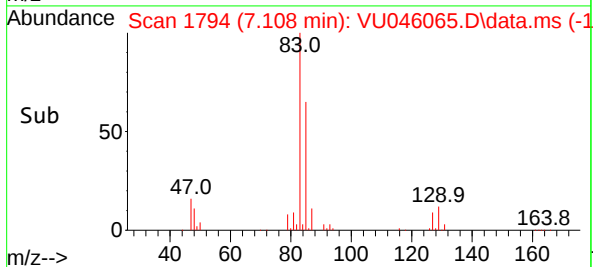
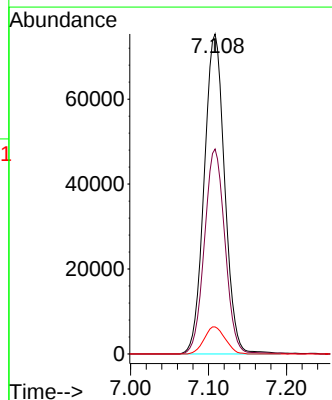
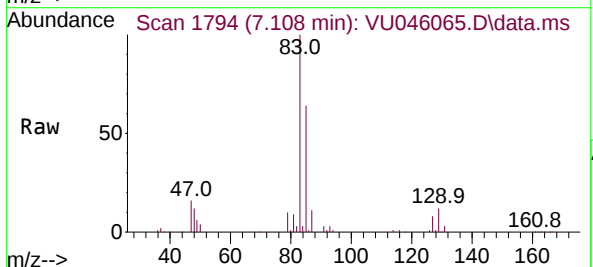
Tgt Ion: 83 Resp: 137879

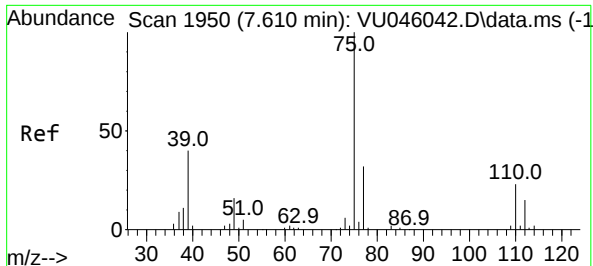
Ion Ratio Lower Upper

83 100

85 64.0 44.4 82.5

127 8.5 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 52.268 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

Instrument :

MSVOA_U

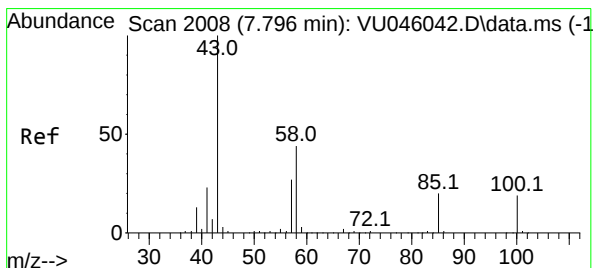
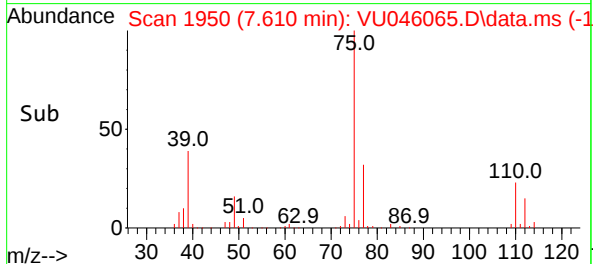
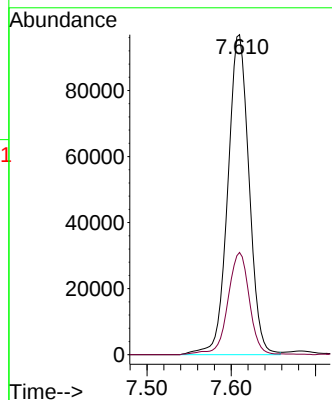
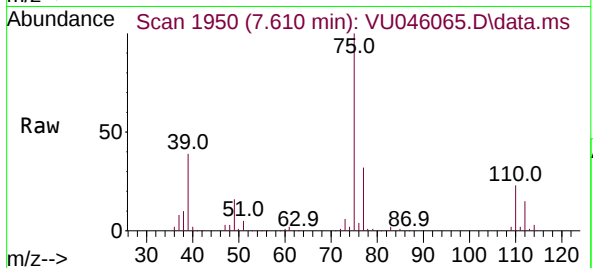
ClientSampleId :

Tgt Ion: 75 Resp: 169592

Ion Ratio Lower Upper

75 100

77 32.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 96.446 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.003 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

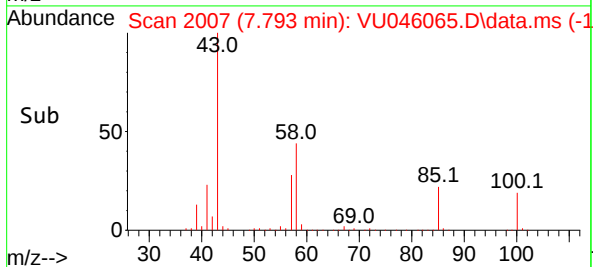
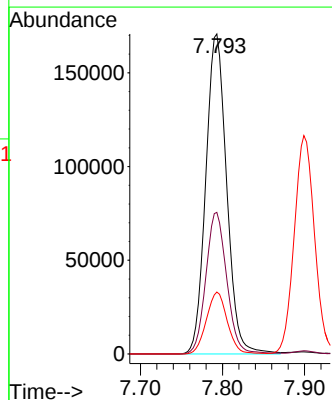
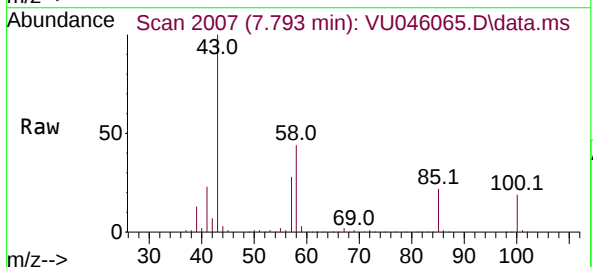
Tgt Ion: 43 Resp: 302226

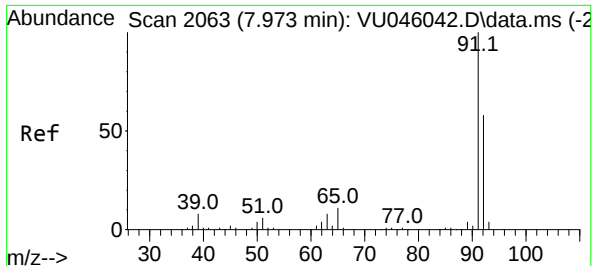
Ion Ratio Lower Upper

43 100

58 44.2 34.2 51.4

100 19.3 14.5 21.7





#42

Toluene

Concen: 50.615 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

Instrument :

MSVOA_U

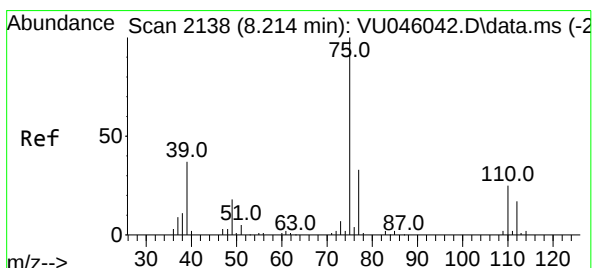
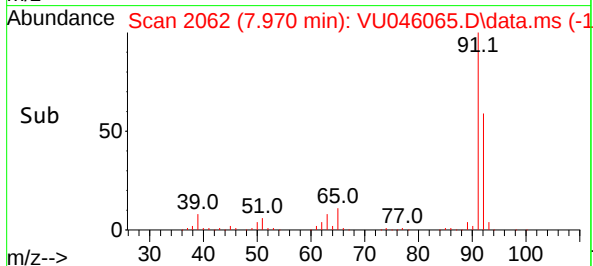
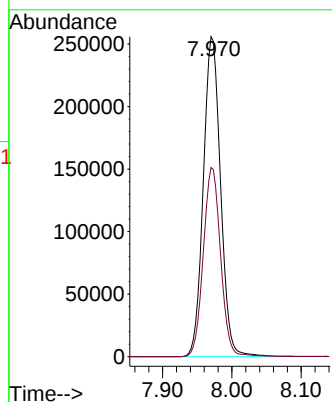
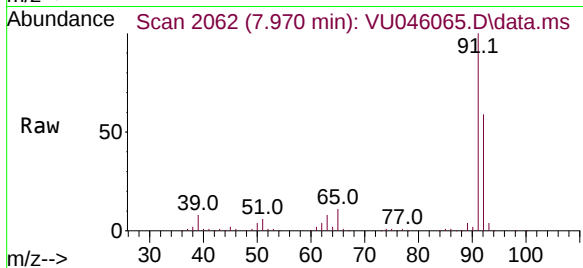
ClientSampleId :

Tgt Ion: 91 Resp: 442195

Ion Ratio Lower Upper

91 100

92 59.1 41.9 77.7



#44

trans-1,3-Dichloropropene

Concen: 50.637 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU046065.D

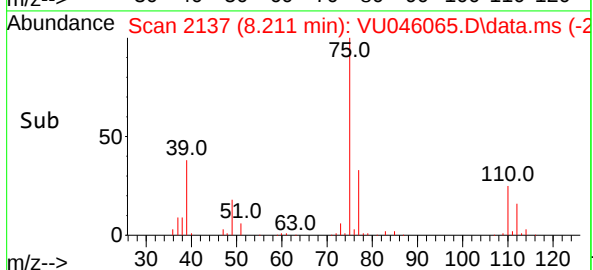
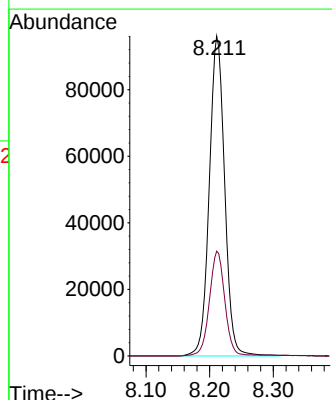
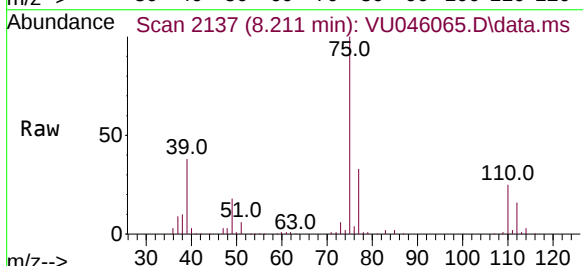
Acq: 02 Dec 2021 20:04

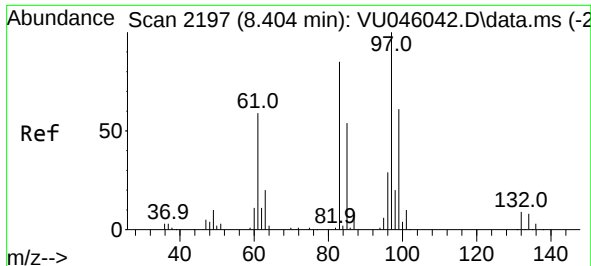
Tgt Ion: 75 Resp: 161370

Ion Ratio Lower Upper

75 100

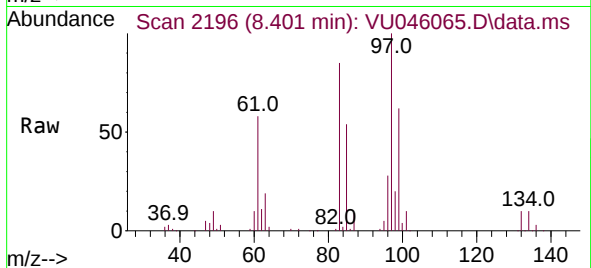
77 32.8 21.7 40.3



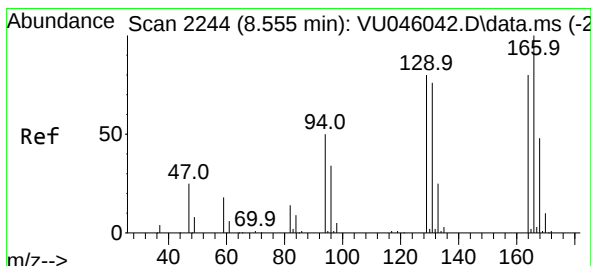
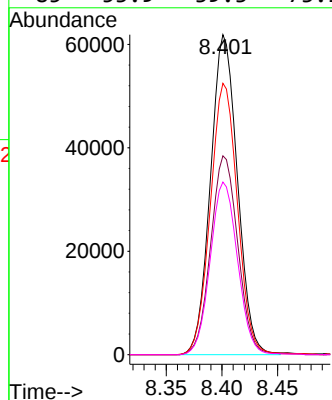
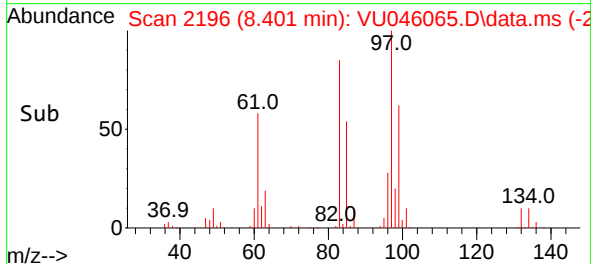


#45
1,1,2-Trichloroethane
Concen: 48.635 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

Instrument :
MSVOA_U
ClientSampleId :

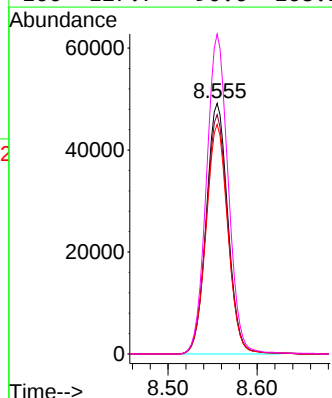
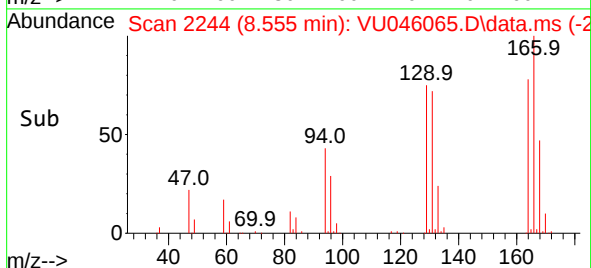
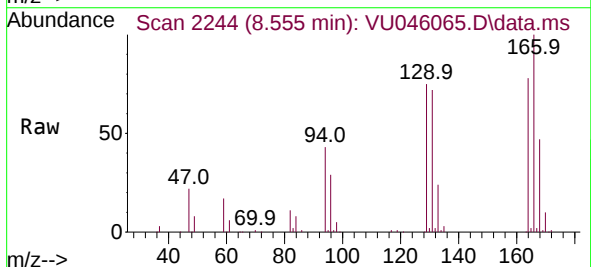


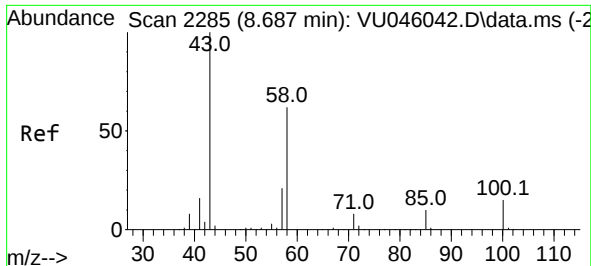
Tgt Ion: 97	Resp: 104069
Ion Ratio	Lower Upper
97 100	
99 62.1	44.7 82.9
83 84.8	60.2 111.8
85 53.9	39.3 73.1



#46
Tetrachloroethene
Concen: 52.542 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

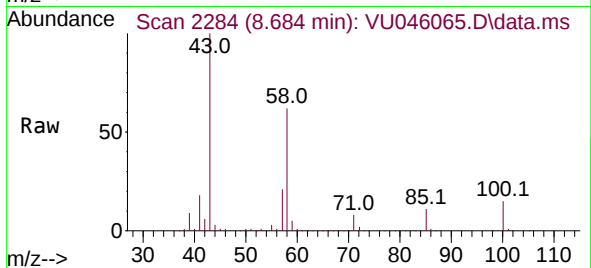
Tgt	Ion:164	Resp:	82819
Ion	Ratio	Lower	Upper
164	100		
129	95.5	71.1	132.1
131	91.6	67.8	126.0
166	127.7	90.6	168.2



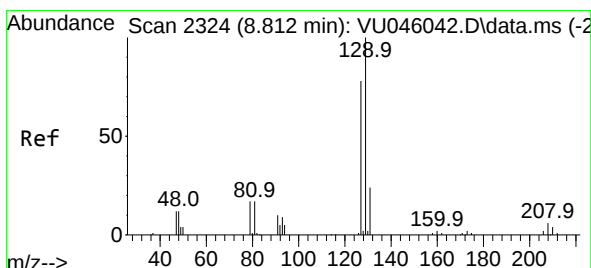
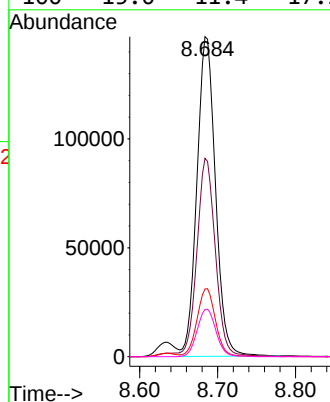
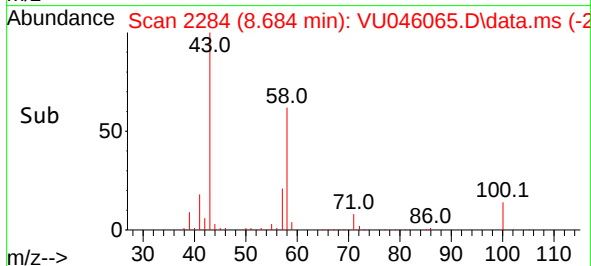


#48
2-Hexanone
Concen: 86.589 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

Instrument :
MSVOA_U
ClientSampleId :

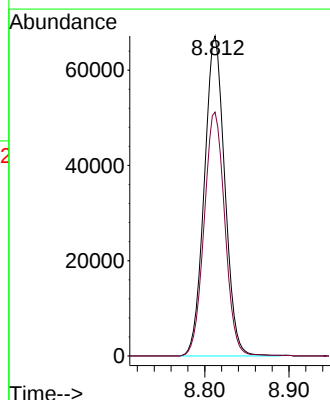
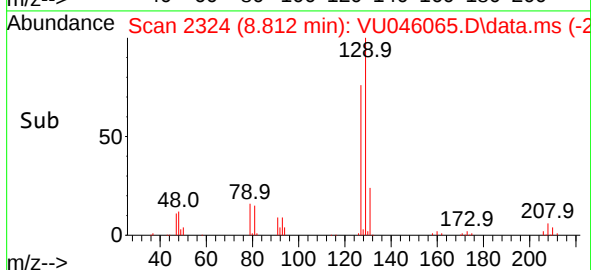
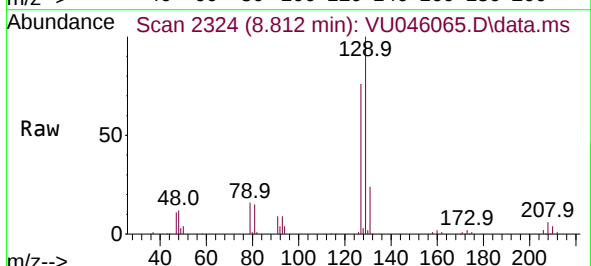


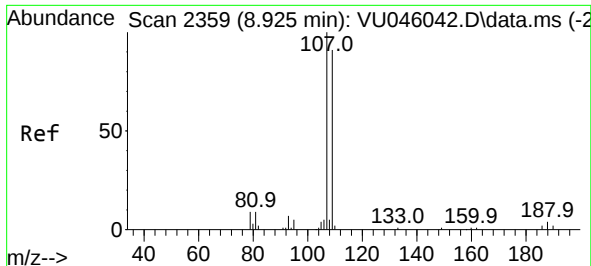
Tgt Ion:	43	Resp:	242665
Ion	Ratio	Lower	Upper
43	100		
58	61.4	47.4	71.2
57	21.1	16.6	25.0
100	15.0	11.4	17.2



#49
Dibromochloromethane
Concen: 50.529 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

Tgt Ion:	129	Resp:	113540
Ion	Ratio	Lower	Upper
129	100		
127	76.2	55.6	103.4





#50

1,2-Dibromoethane

Concen: 49.975 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

Instrument :

MSVOA_U

ClientSampleId :

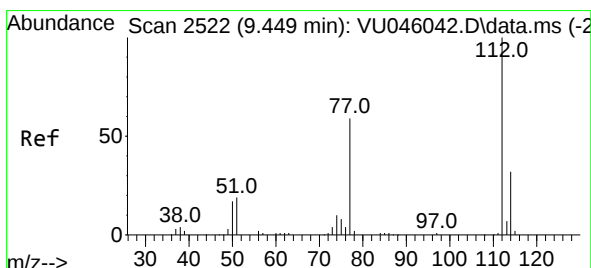
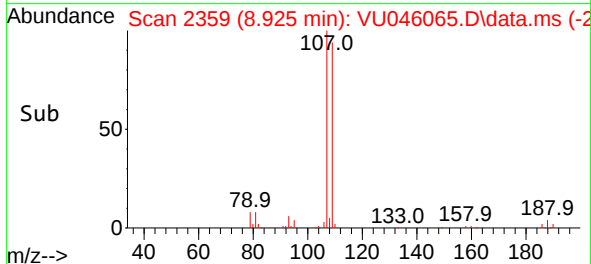
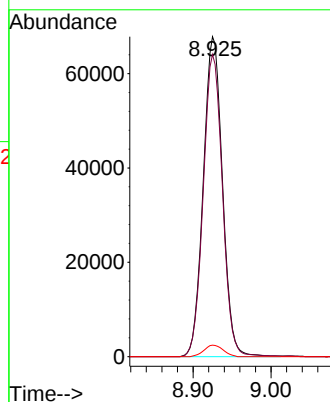
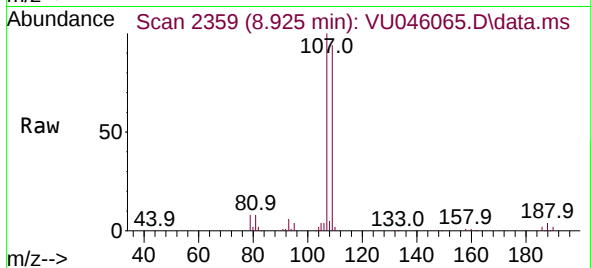
Tgt Ion:107 Resp: 115936

Ion Ratio Lower Upper

107 100

109 94.4 64.9 120.5

188 3.6 2.6 3.8



#51

Chlorobenzene

Concen: 50.342 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. -0.000 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

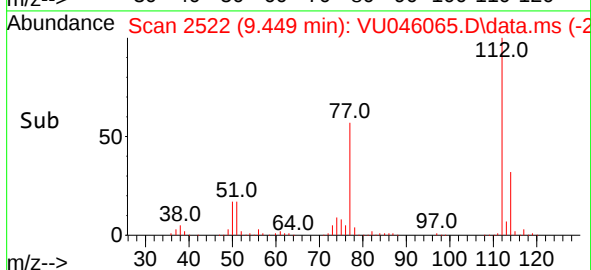
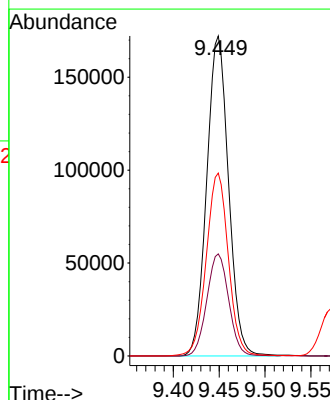
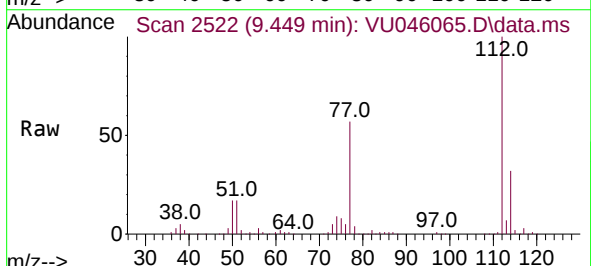
Tgt Ion:112 Resp: 284540

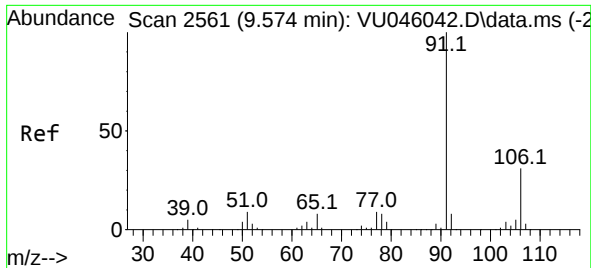
Ion Ratio Lower Upper

112 100

114 31.9 22.2 41.2

77 57.1 47.4 71.0

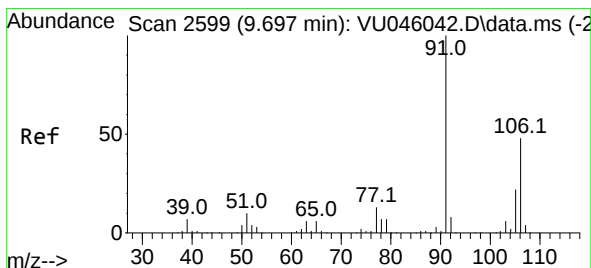
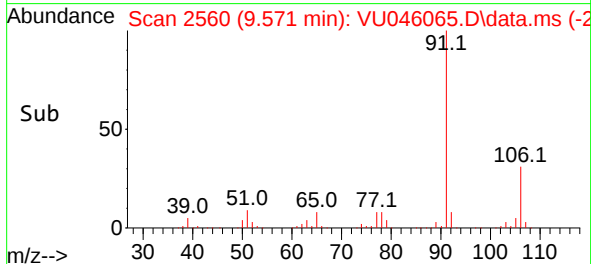
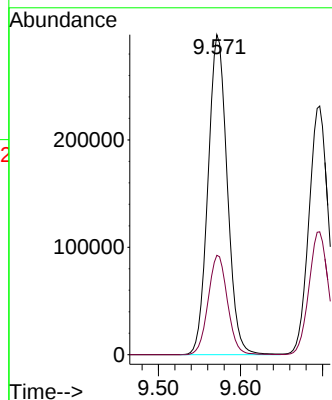
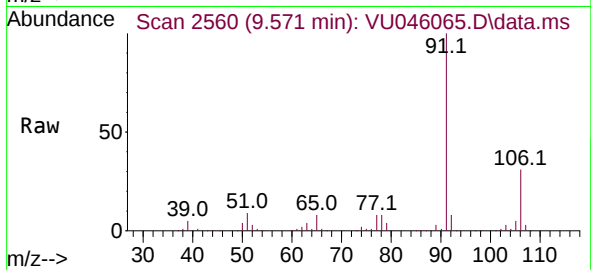




#52
Ethylbenzene
Concen: 51.543 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

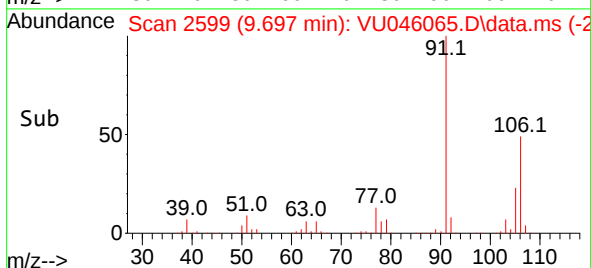
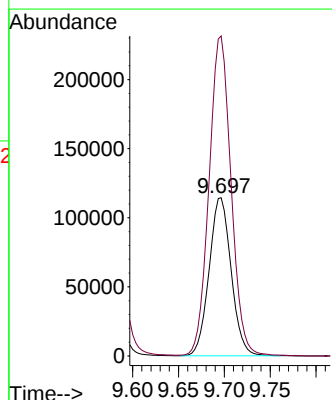
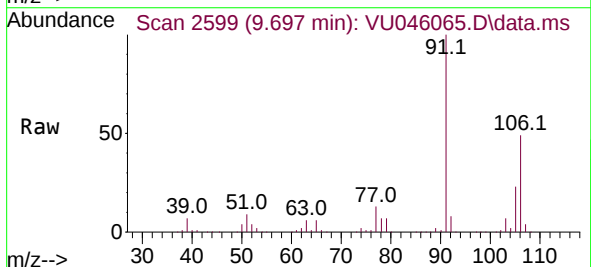
Instrument :
MSVOA_U
ClientSampleId :

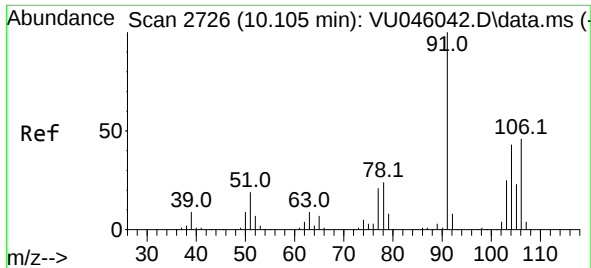
Tgt Ion: 91 Resp: 484621
Ion Ratio Lower Upper
91 100
106 31.1 21.1 39.3



#53
m,p-Xylene
Concen: 52.109 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

Tgt Ion:106 Resp: 191072
Ion Ratio Lower Upper
106 100
91 202.3 144.3 268.1

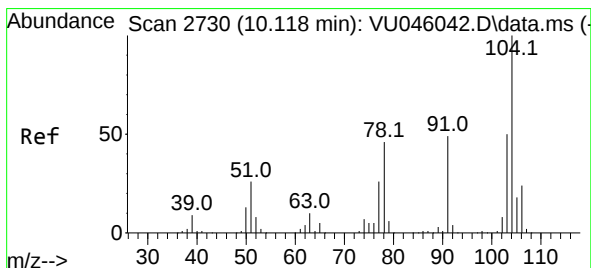
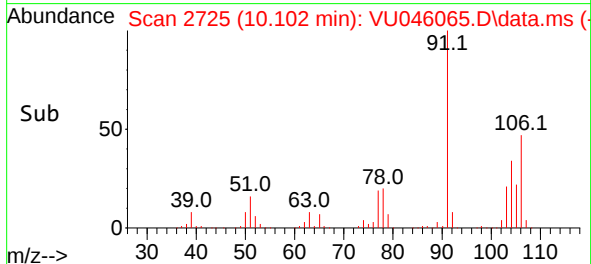
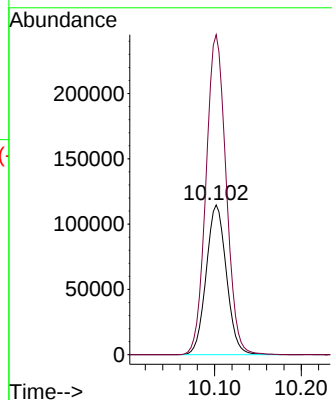
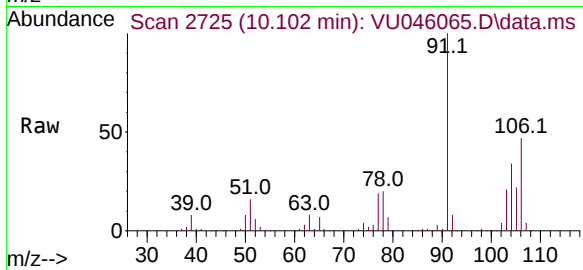




#54
o-xylene
Concen: 52.303 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

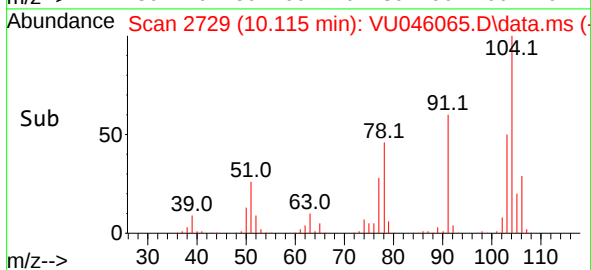
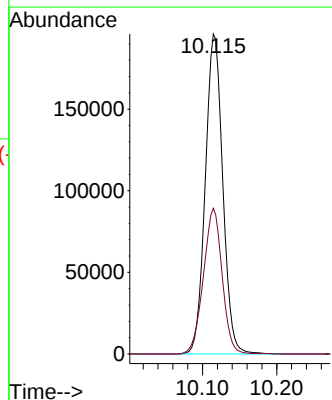
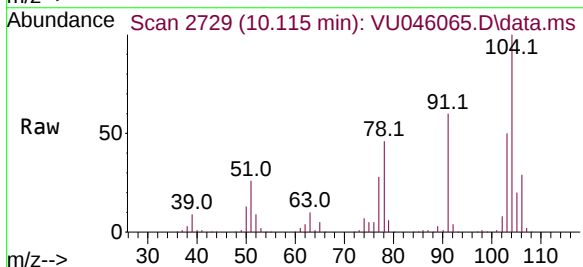
Instrument :
MSVOA_U
ClientSampleId :

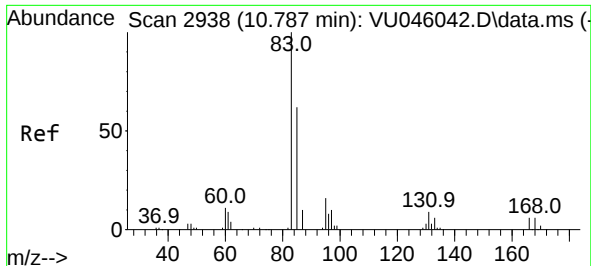
Tgt Ion:106 Resp: 186093
Ion Ratio Lower Upper
106 100
91 213.8 154.2 286.4



#55
Styrene
Concen: 52.686 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

Tgt Ion:104 Resp: 320040
Ion Ratio Lower Upper
104 100
78 45.5 32.6 60.5





#57

1,1,2,2-Tetrachloroethane

Concen: 45.361 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

Instrument :

MSVOA_U

ClientSampleId :

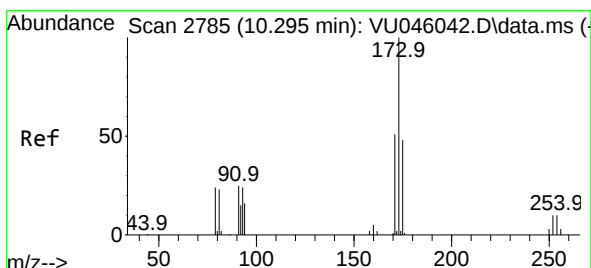
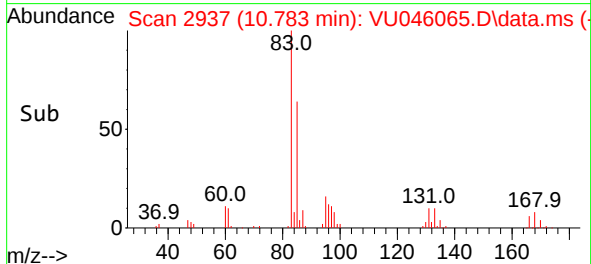
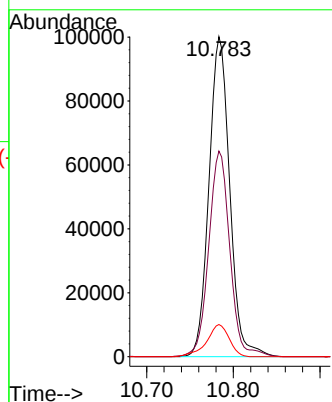
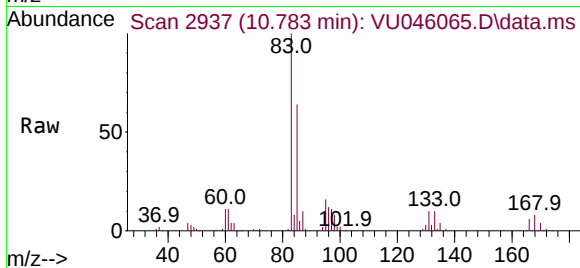
Tgt Ion: 83 Resp: 166408

Ion Ratio Lower Upper

83 100

85 64.2 45.6 84.6

131 10.0 7.8 11.6



#59

Bromoform

Concen: 49.772 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

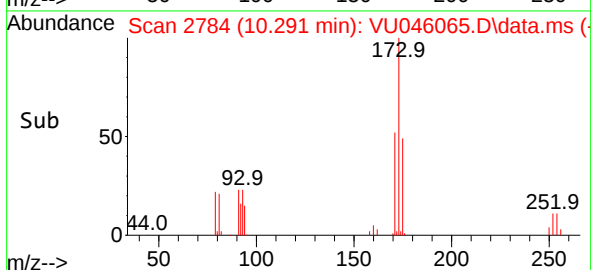
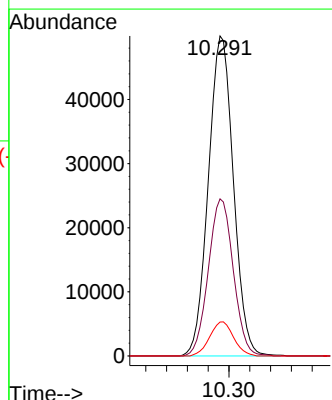
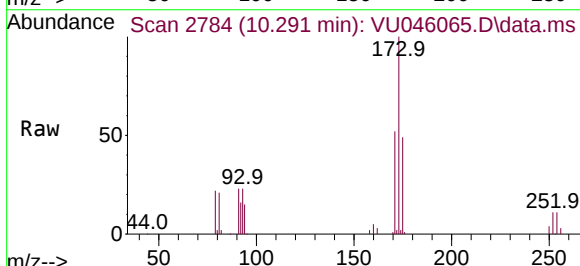
Tgt Ion:173 Resp: 83471

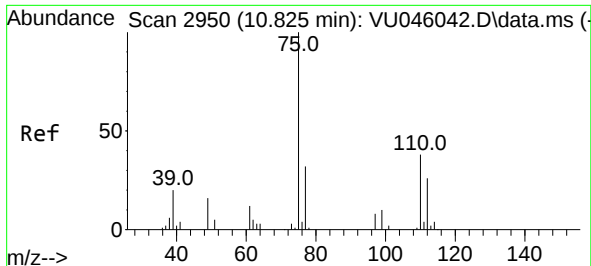
Ion Ratio Lower Upper

173 100

175 48.8 39.2 58.8

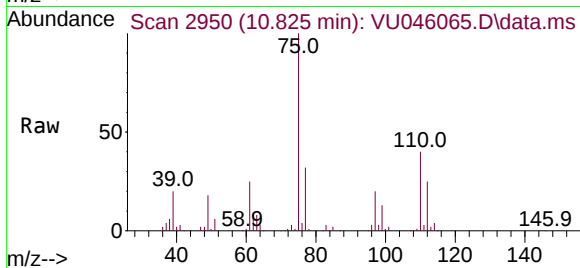
254 10.2 7.4 11.2



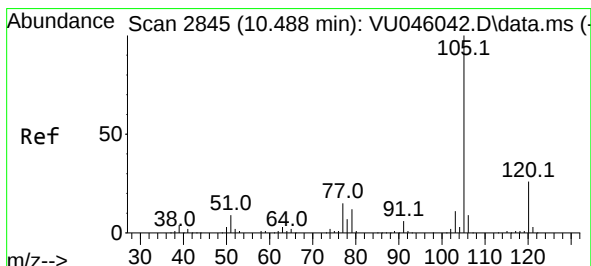
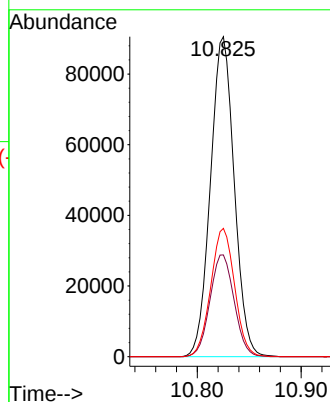
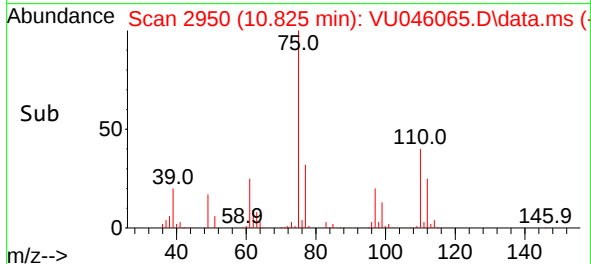


#60
1,2,3-Trichloropropane
Concen: 45.935 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

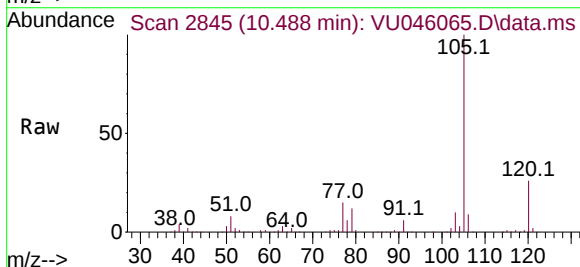
Instrument :
MSVOA_U
ClientSampleId :



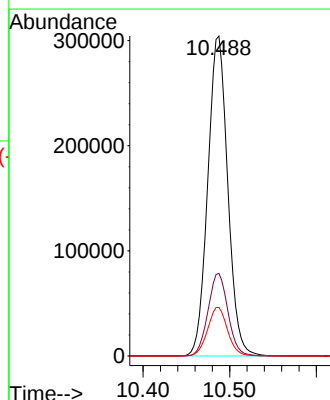
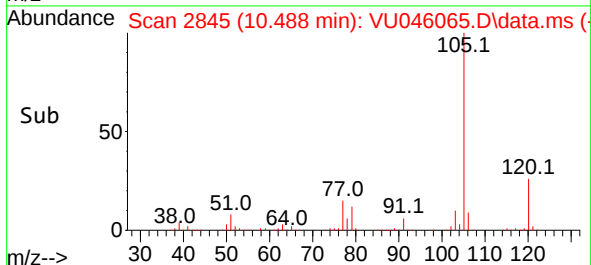
Tgt Ion: 75 Resp: 143950
Ion Ratio Lower Upper
75 100
77 32.3 26.4 39.6
110 40.2 32.4 48.6

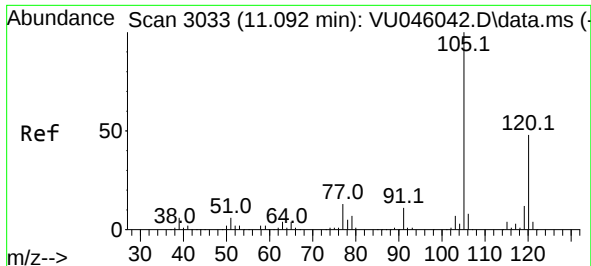


#61
Isopropylbenzene
Concen: 52.391 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04



Tgt Ion: 105 Resp: 487313
Ion Ratio Lower Upper
105 100
120 25.8 20.7 31.1
77 15.2 12.2 18.4





#62

1,3,5-Trimethylbenzene

Concen: 54.533 ug/L

RT: 11.089 min Scan# 3033

Delta R.T. -0.003 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

Instrument :

MSVOA_U

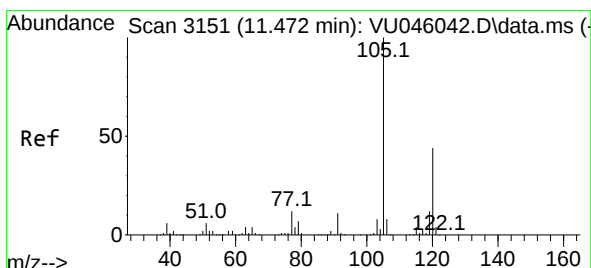
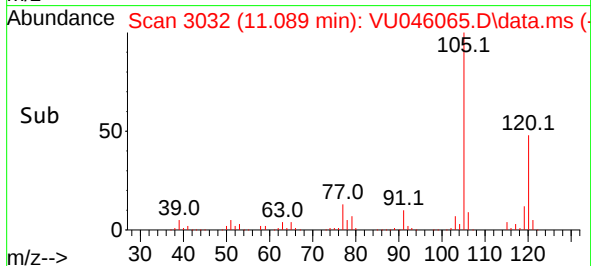
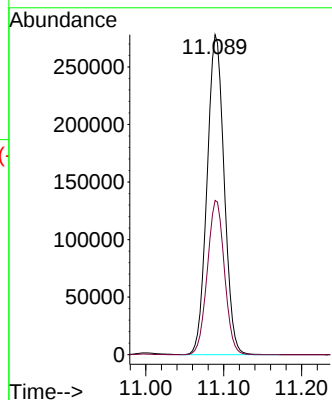
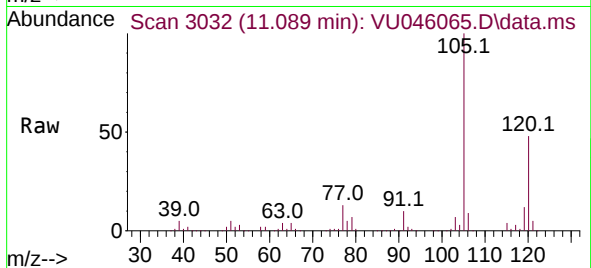
ClientSampleId :

Tgt Ion:105 Resp: 422788

Ion Ratio Lower Upper

105 100

120 48.3 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 54.954 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.003 min

Lab File: VU046065.D

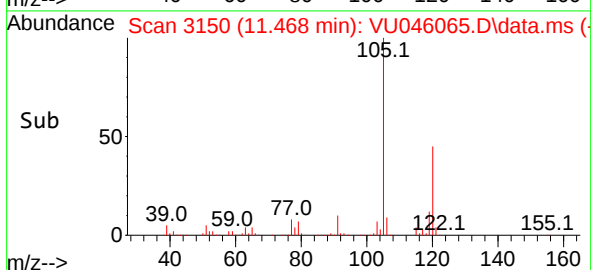
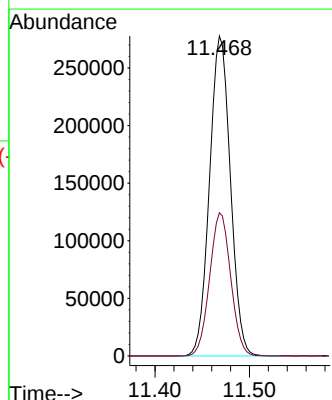
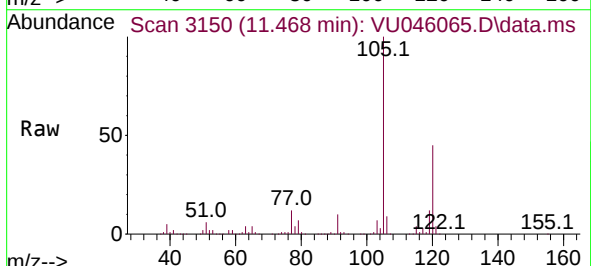
Acq: 02 Dec 2021 20:04

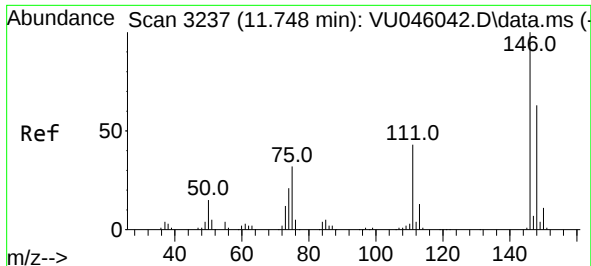
Tgt Ion:105 Resp: 426263

Ion Ratio Lower Upper

105 100

120 45.0 35.2 52.8

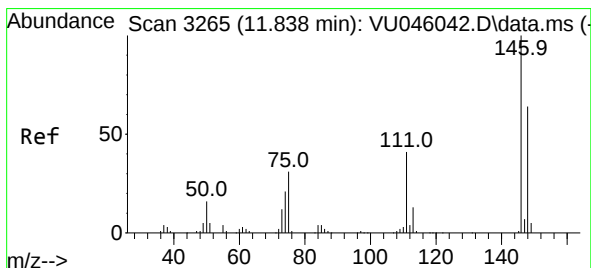
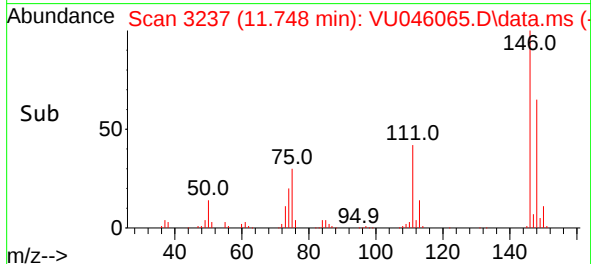
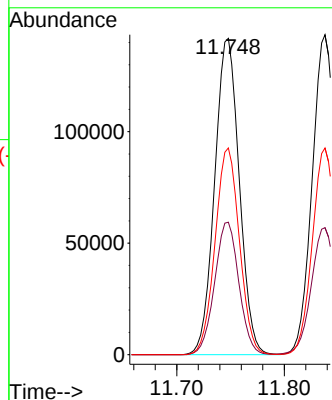
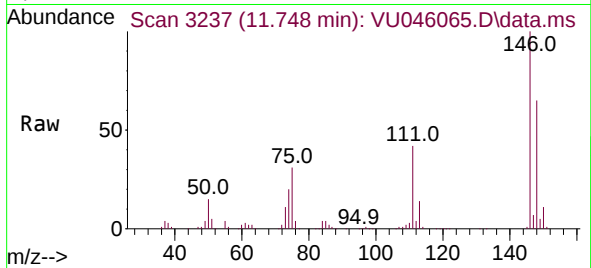




#64
1,3-Dichlorobenzene
Concen: 51.086 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

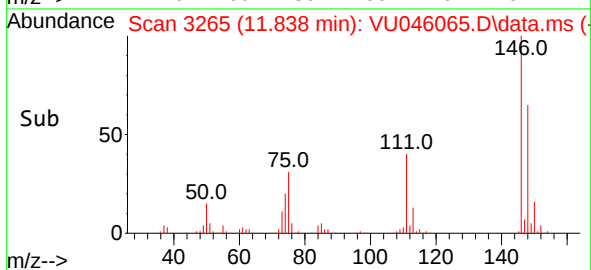
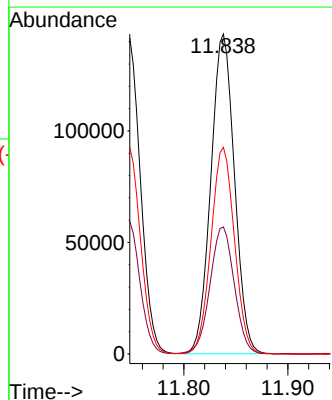
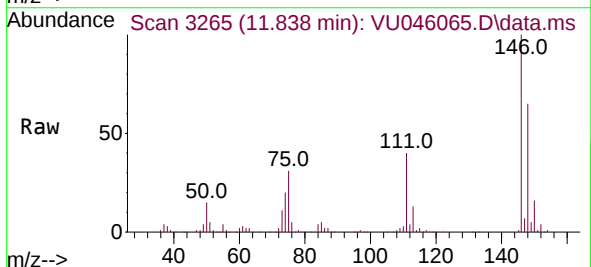
Instrument :
MSVOA_U
ClientSampleId :

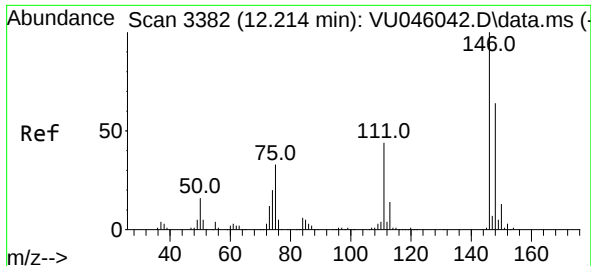
Tgt Ion:146 Resp: 225714
Ion Ratio Lower Upper
146 100
111 41.9 29.5 54.9
148 65.4 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 49.627 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

Tgt Ion:146 Resp: 226614
Ion Ratio Lower Upper
146 100
111 39.7 28.3 52.7
148 64.6 43.8 81.3





#67

1,2-Dichlorobenzene

Concen: 50.003 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

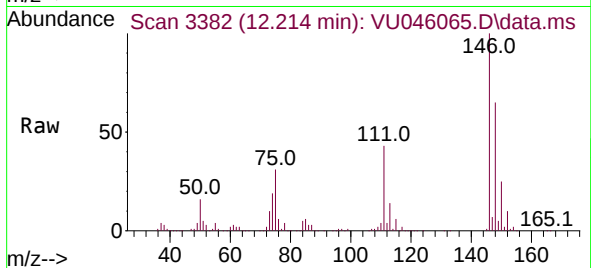
Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

Instrument :

MSVOA_U

ClientSampleId :



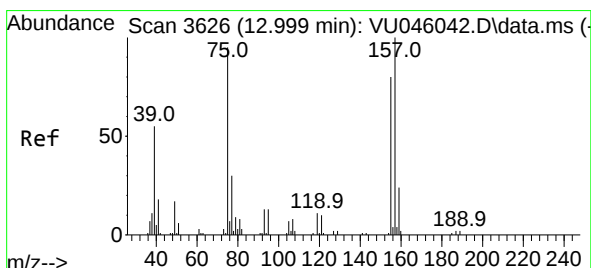
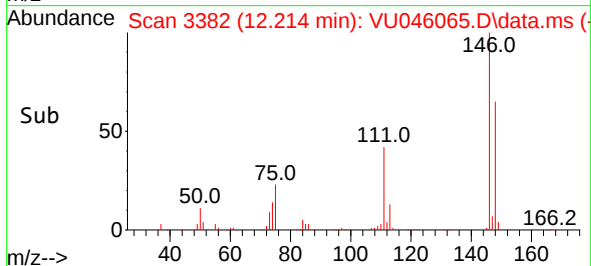
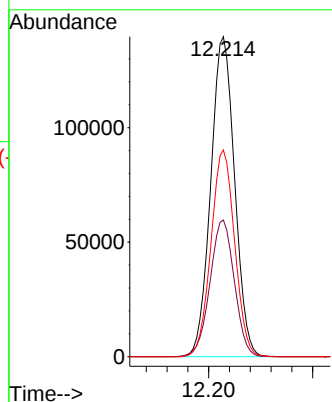
Tgt Ion:146 Resp: 222481

Ion Ratio Lower Upper

146 100

111 42.7 35.7 53.5

148 64.6 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 48.900 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. -0.000 min

Lab File: VU046065.D

Acq: 02 Dec 2021 20:04

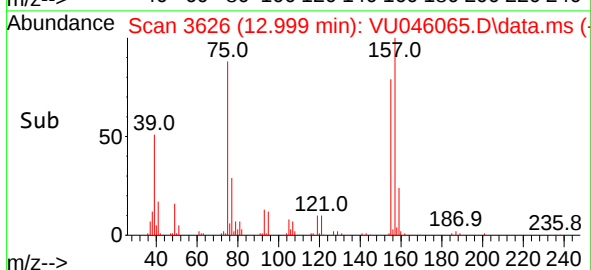
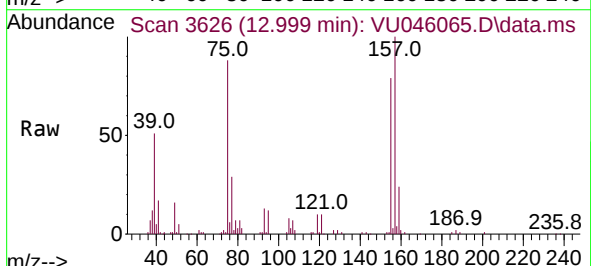
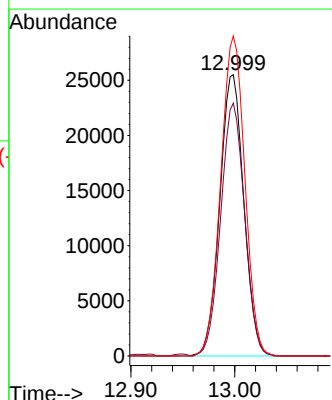
Tgt Ion: 75 Resp: 40824

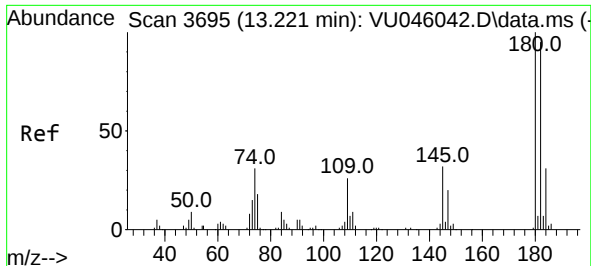
Ion Ratio Lower Upper

75 100

155 89.9 64.9 97.3

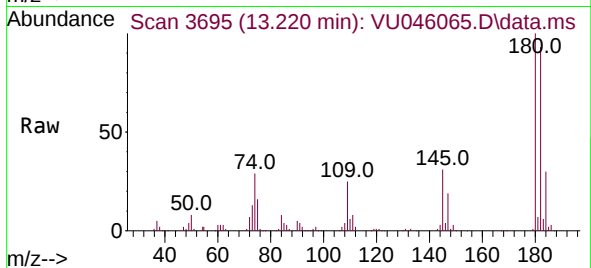
157 113.8 81.9 122.9



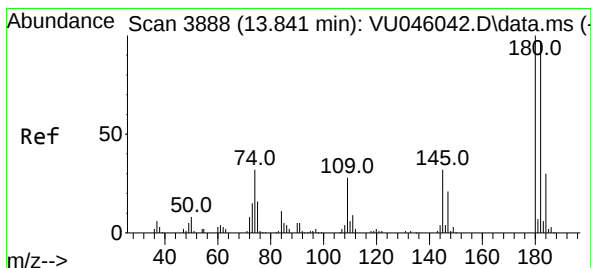
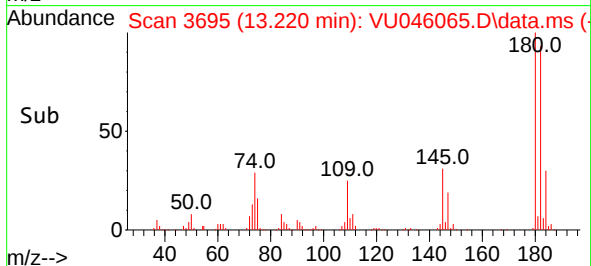
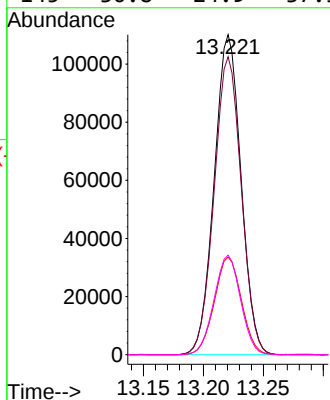


#69
 1,3,5-Trichlorobenzene
 Concen: 53.050 ug/L
 RT: 13.220 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU046065.D
 Acq: 02 Dec 2021 20:04

Instrument :
 MSVOA_U
 ClientSampleId :

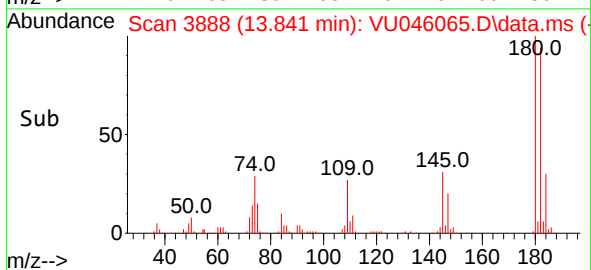
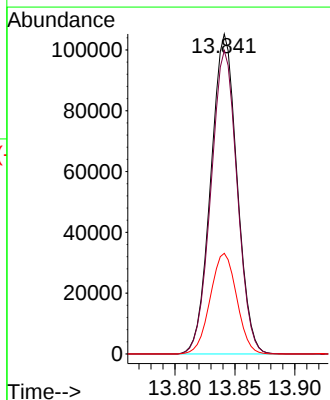
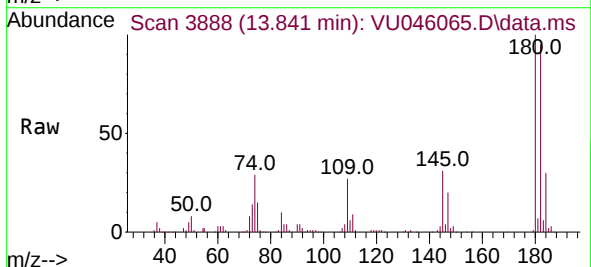


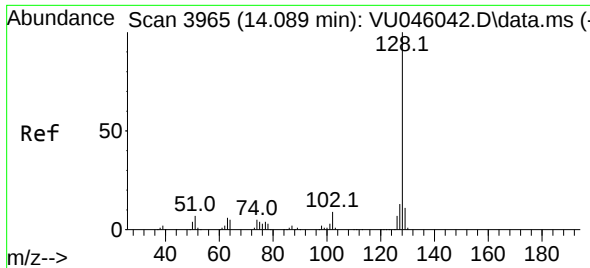
Tgt Ion:180 Resp: 170786
 Ion Ratio Lower Upper
 180 100
 182 94.4 75.9 113.9
 184 30.8 24.2 36.4
 145 30.8 24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 56.043 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU046065.D
 Acq: 02 Dec 2021 20:04

Tgt Ion:180 Resp: 160105
 Ion Ratio Lower Upper
 180 100
 182 94.7 76.7 115.1
 145 31.7 26.0 39.0

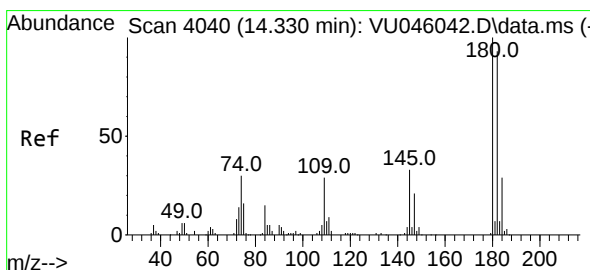
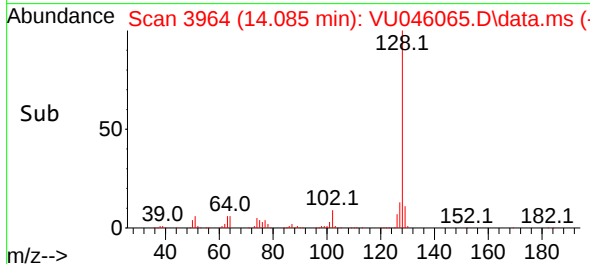
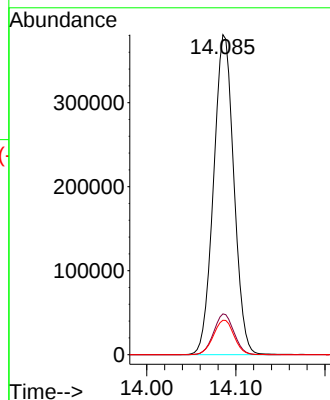
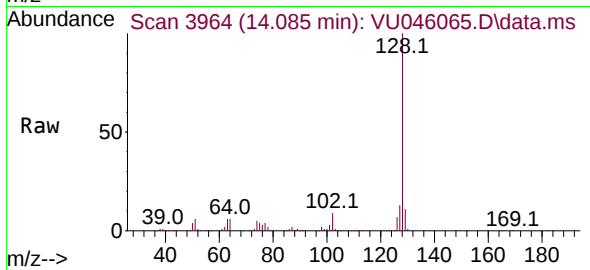




#71
Naphthalene
Concen: 60.551 ug/L
RT: 14.085 min Scan# 3965
Delta R.T. -0.003 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 601951
Ion Ratio Lower Upper
128 100
127 12.7 10.1 15.1
129 11.0 8.6 13.0



#72
1,2,3-Trichlorobenzene
Concen: 55.000 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU046065.D
Acq: 02 Dec 2021 20:04

Tgt Ion:180 Resp: 160228
Ion Ratio Lower Upper
180 100
182 94.9 76.0 114.0
145 33.4 27.3 40.9

